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G3WD
GRADALL
Hydraulic Excavators

COMBINED PARTS MANUAL

Part No. 7733-1007
COVERS UPPERSTRUCTURES: Starting Lot 229
COVERS UNDERCARRIAGES: Starting Serial No. 87D024

IMPORTANT

The service manual for this machine is furnished in a separate binder. Additional copies of these manuals are available at a nominal cost.

Always provide the Serial Number of the upperstructure and the Serial Number of the undercarriage when inquiring about service or parts.

RECORD IDENTIFICATION NUMBERS

Upperstructure Serial No. _____
Undercarriage Serial No. _____

NOTICE
The Gradall Co. retains all proprietary rights to the information contained in this manual.

The Company also reserves the right to change specifications without notice.

ASSEMBLED _____
REVISION _____

THE GRADALL COMPANY
406 Mill Avenue S.W.
New Philadelphia, OH 44663

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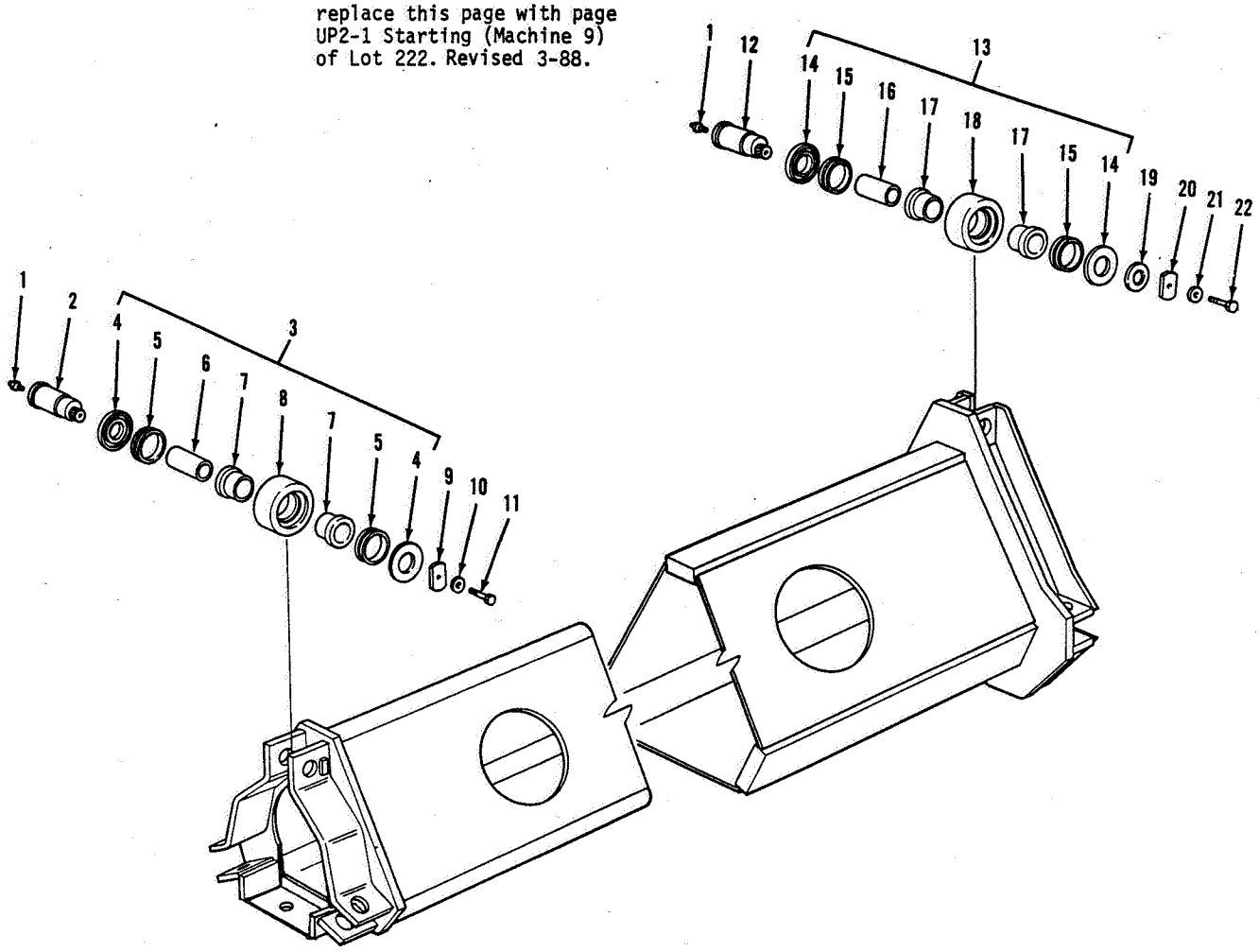
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SECTION	PAGE NO.	PART NO.	DESCRIPTION
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BOOM ASSEMBLIES
Telescope & Main Boom Rollers
Starting (Machine 9) of Lot 222
Revised 3-88

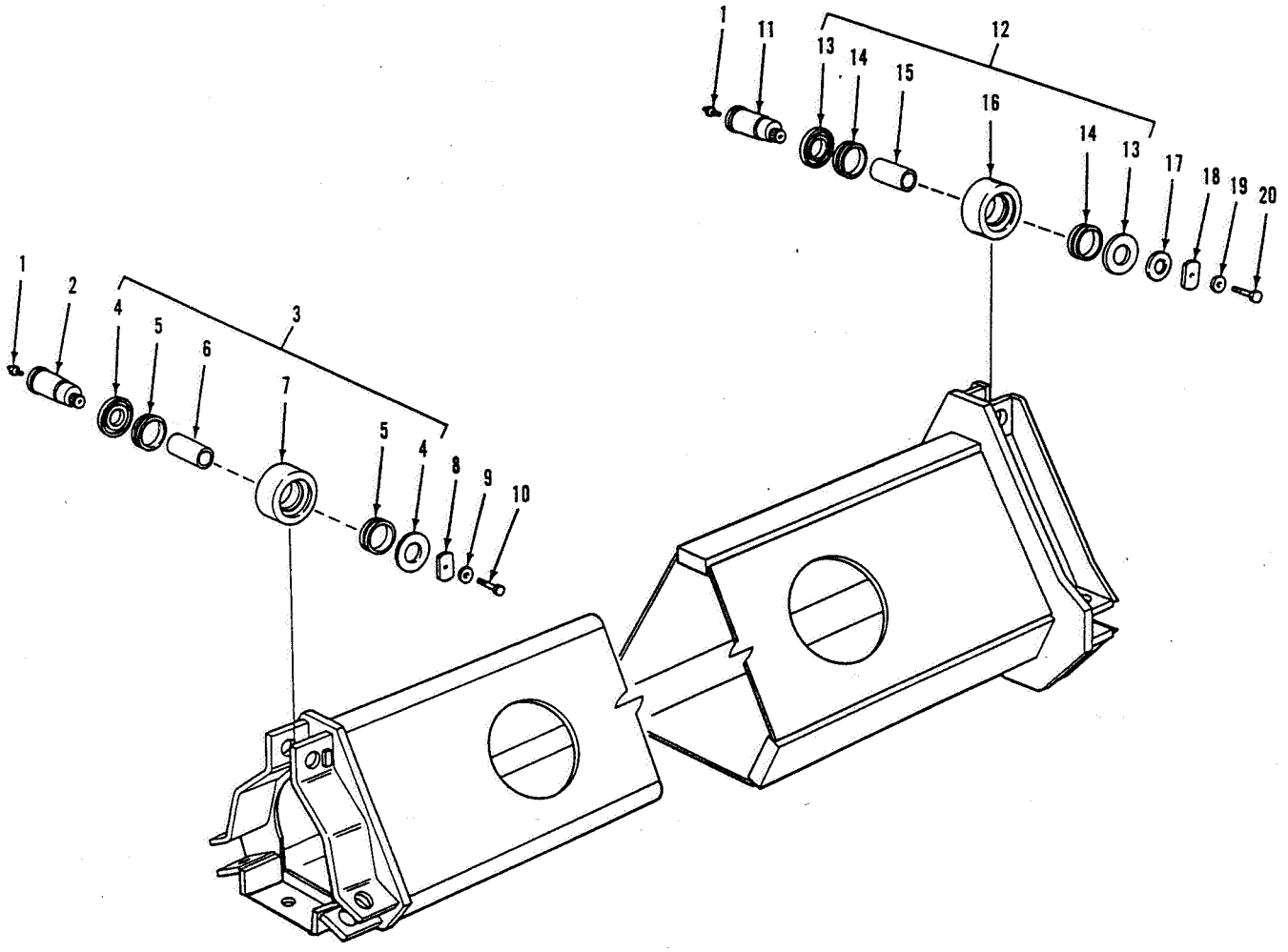
NOTE: Page UP2-1 with Starting Lot 229, Original Issue 4-87 is incorrect. Please replace this page with page UP2-1 Starting (Machine 9) of Lot 222. Revised 3-88.



Item	Part No.	Qty.	Description Of Part
1	8867-1001	8	LUBE FITTING, STRAIGHT, 1/8
2	7732-1063	7	ECCENTRIC SHAFT
3	7732-5002	7	FLAT ROLLER ASSY (includes items 4 thru 8)
4	8362-1177	2	THRUST WASHER
5	8362-3005	2	FACE SEAL
6	7732-1023	1	INNER BUSHING
7	7732-1024	2	OUTER BUSHING
8		1	FLAT ROLLER (not sold separately, order P/N 7732-5002)
9	7712-1178	7	SERRATED WASHER
10	7712-1225	7	FLAT WASHER
11	8320-1049	7	HEX HD CAPSCREW

Item	Part No.	Qty.	Description Of Part
12	8342-1214	1	ECCENTRIC SHAFT
13	8362-5038	1	CONCAVE ROLLER ASSY (includes items 14 thru 18)
14	8362-1177	2	THRUST WASHER
15	8362-3005	2	FACE SEAL
16	8362-1179	1	INNER BUSHING
17	8362-1178	2	OUTER BUSHING
18		1	CONCAVE ROLLER (not sold separately, order P/N 8362-5038)
19	7732-1177	1	WASHER
20	8342-1165	1	SERRATED WASHER
21	8588-1153	1	FLAT WASHER
22	2443-1384	1	HEX HD CAPSCREW

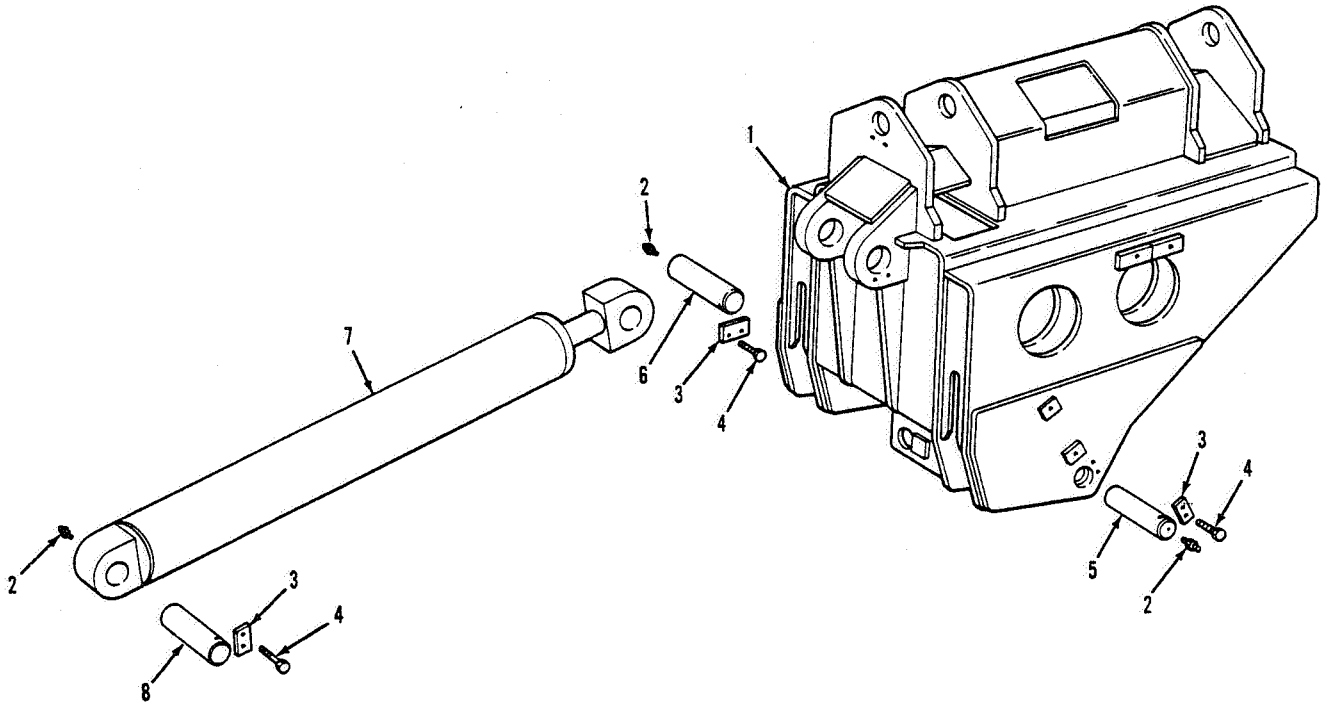
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Item	Part No.	Qty.	Description Of Part
1	8867-1001	8	LUBE FITTING, STRAIGHT, 1/8
2	7732-1063	7	ECCENTRIC SHAFT
3	7732-5003	7	FLAT ROLLER ASSY (includes items 4 thru 7)
4	8362-1262	2	THRUST WASHER
5	8362-3005	2	FACE SEAL
6	7732-1181	1	INNER BUSHING
7		1	FLAT ROLLER (not sold separately, order P/N 7732-5003)
8	7712-1178	7	SERRATED WASHER
9	7712-1225	7	FLAT WASHER
10	8320-1049	7	HEX HD CAPSCREW, 1/2-13X1 Self-locking (NYLOK) GR5

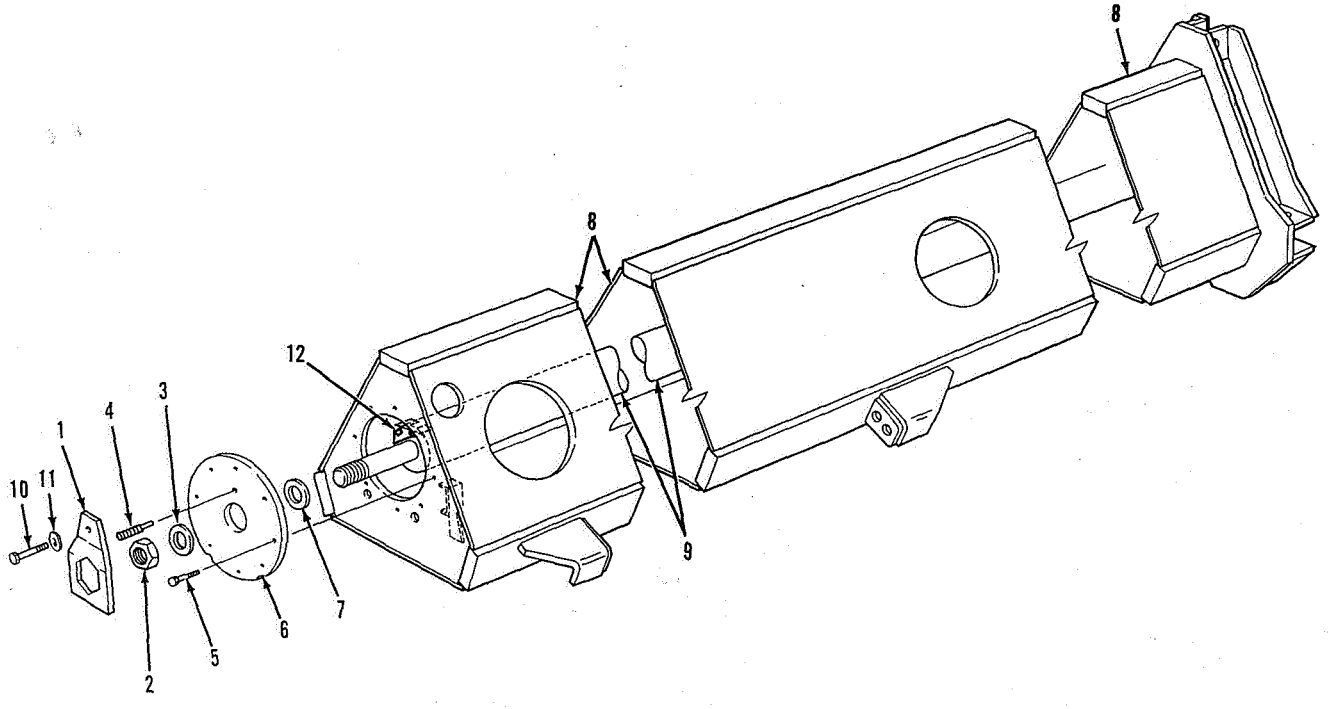
Item	Part No.	Qty.	Description Of Part
11	8342-1214	1	ECCENTRIC SHAFT
12	8362-5044	1	CONCAVE ROLLER ASSY (includes items 13 thru 16)
13	8362-1262	2	THRUST WASHER
14	8362-3005	2	FACE SEAL
15	8362-1145	1	INNER BUSHING
16		1	CONCAVE ROLLER(not sold separately order P/N 8362-5044)
17	7732-1177	1	WASHER
18	8342-1165	1	SERRATED WASHER
19	8588-1153	1	FLAT WASHER
20	2443-1384	1	HEX HD CAPSCREW

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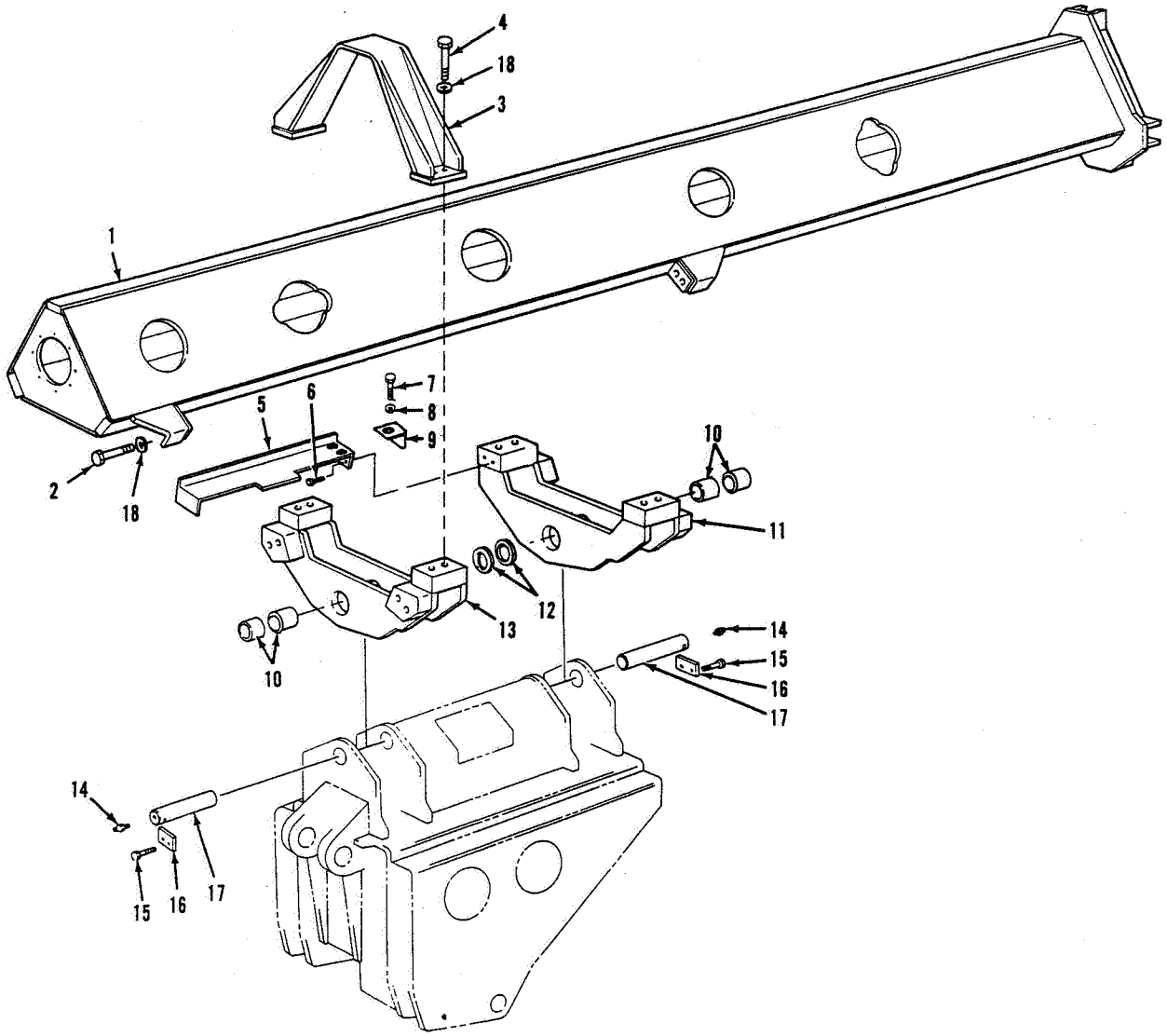
Item	Part No.	Qty.	Description Of Part
1	7732-6001	1	CRADLE
2	8867-1001	4	LUBE FITTING, STRAIGHT, 1/8
3	8664-1158	4	KEEPER
4	8820-1035	8	HEX HD CAPSCREW, 3/8-16X1, GR 5
5	7734-1036	2	TRUNNION PIN
6	7734-1035	1	FRONT HOIST PIN
7		Ref	HOIST CYLINDER ASSY (see page UP 4-8 for details)
8	7734-1037	1	REAR HOIST PIN

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Item	Part No.	Qty.	Description Of Part
1	7732-1088	1	NUT RETAINER
2	7732-1097	1	HEX NUT (torque to 1,000 ft. lbs. minimum dry. May be increased to 2,000 ft. lbs. to assemble nut retainer)
3	7732-1095	1	THRUST WASHER
4	7732-1099	1	GLAND RETAINER
5	8320-1062	7	HEX HD CAPSCREW, 5/8-11x2 1/4 GR 8
6	7732-1098	1	END PLATE
7	7732-1096	1	THRUST WASHER
8	7732-6008	1	MAIN BOOM WELDMENT
9		Ref	BOOM CYLINDER ASSY (see page UP 4-1 for details)
10	8320-1004	1	HEX HD CAPSCREW, SELF-LOCKING 5/8-11x2 1/2, GR 8
11	7714-1077	1	FLAT WASHER, HARDENED
12	7732-1158	1	CYLINDER RETAINER.

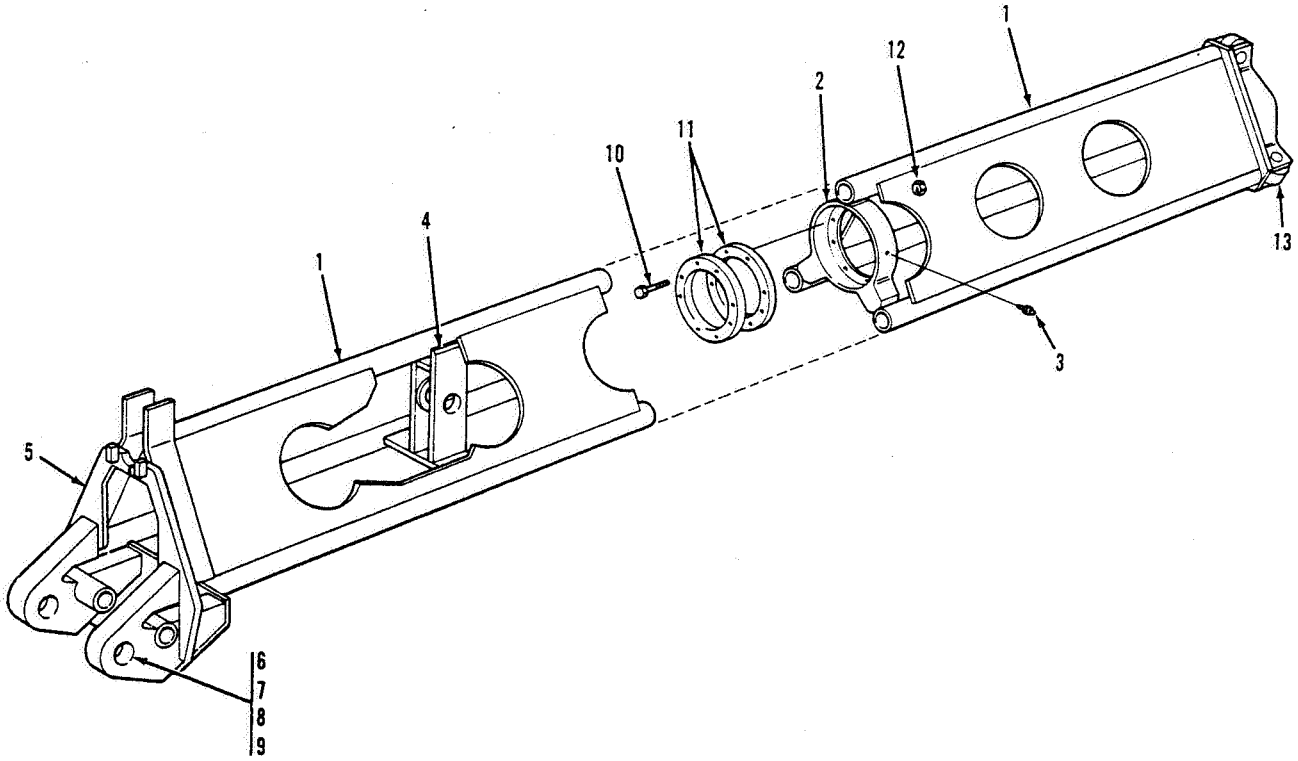
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Item	Part No.	Qty.	Description Of Part
1		Ref	MAIN BOOM ASSY (see page UP 2-3 for details)
2	8320-1053	4	HEX HD CAPSCREW (lubricate and torque to 200-225 ft. lbs.)
3	7732-6012	2	BOOM MOUNTING BRACKET
4	8320-1030	8	HEX HD CAPSCREW (lubricate and torque to 200-225 ft. lbs.)
5	7732-6021	1	TUBE CLAMP BRACKET
6	8820-1065	2	HEX HD CAPSCREW, 1/2-13x1, GR5
7	8820-1034	2	HEX HD CAPSCREW, 3/8-16x7/8, GR5
8	8856-1004	2	FLAT WASHER, 3/8

Item	Part No.	Qty.	Description Of Part
9	7732-1141	1	TUBE CLAMP BRACKET
10	7732-3022	4	BUSHING
11	7732-6014	1	FRONT BOOM SUPPORT
12	7732-1137	2	THRUST WASHER
13	7732-6013	1	REAR BOOM SUPPORT
14	8867-1001	2	LUBE FITTING, STRAIGHT, 1/8
15	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
16	8664-1158	2	KEEPER
17	8664-1157	2	PIN
18	9002-7475	12	WASHER

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Item	Part No.	Qty.	Description Of Part
1	7732-6006	1	TELESCOPE BOOM ASSY (includes items 2, 4, 5)
2	7732-1094	1	BOOM CYLINDER RETAINER
3	8867-1001	1	LUBE FITTING, STRAIGHT, 1/8
4	8362-6006	1	TOOL CYLINDER BRACKET
5	7732-6015	1	TOOL EYE
6	8362-1033	2	BUSHING
7	8859-1112	2	O RING
8	8362-1027	2	BACK UP RING
9	8362-1035	2	LIP SEAL
10	8820-1315	8	HEX HD CAPSCREW, 1/2-13X5 GR 5
11	8682-1129	2	BUSHING
12	8852-1208	8	HEX LOCKNUT, 1/2-13
13	No Number	Ref	ROLLER ASSY (see page UP 2-1 for details)

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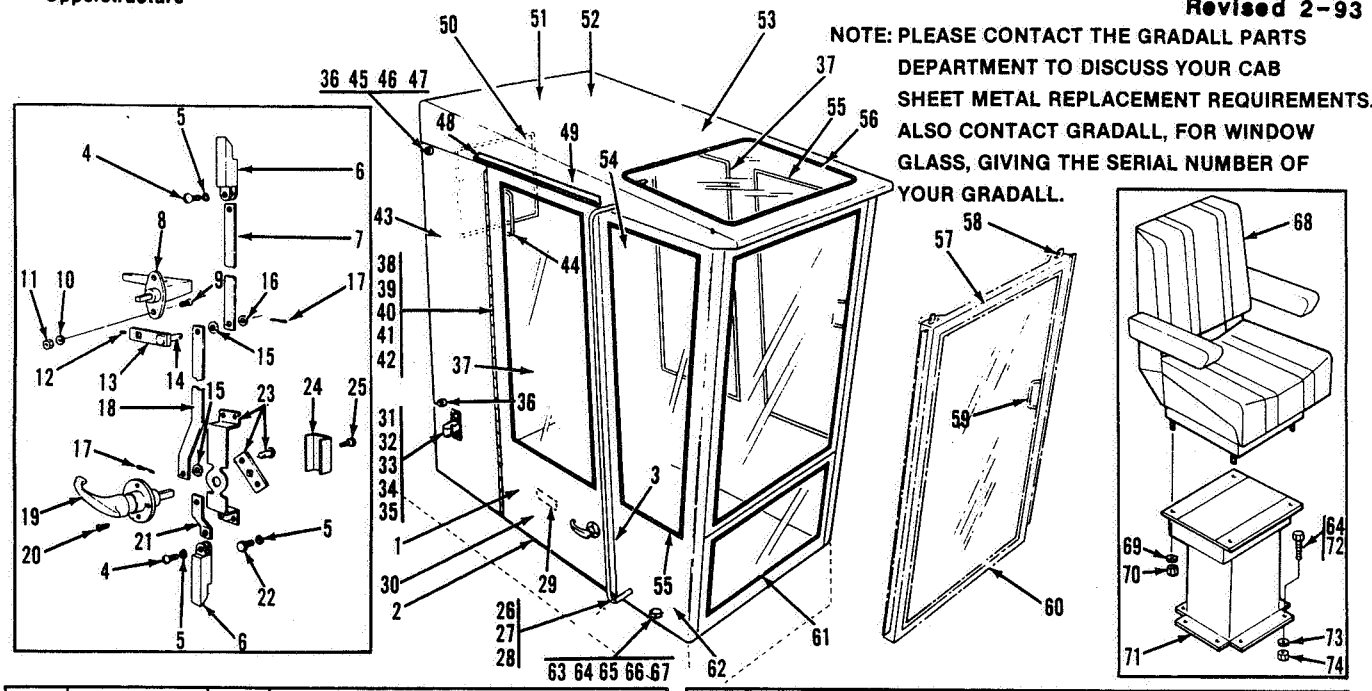
NOTE: If replacement of L.H. or R.H. Adjustable Grip Latches (item 58) are required, replace with Lift & Turn Fastener Kit P/N 8687-5028. Two kits are required per Window Frame.

CAB & RELATED COMPONENTS

Cab Assembly Starting Lot 229

Original Issue 4-87
Revised 2-93

NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

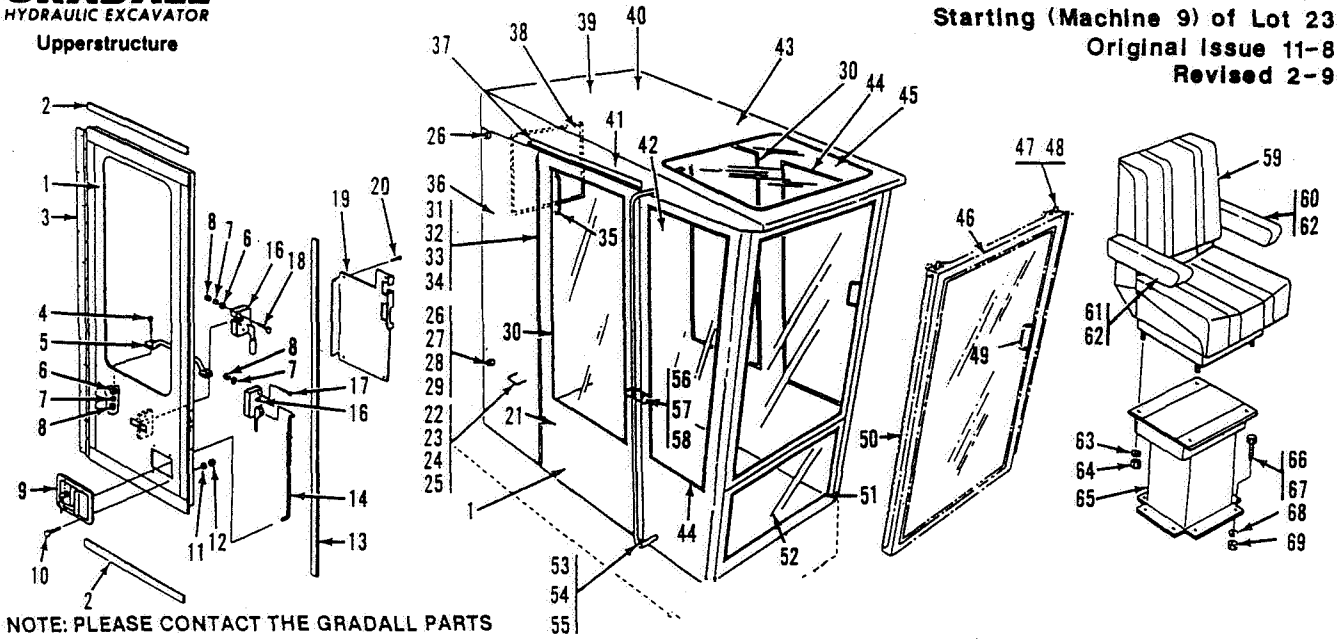


Item	Part No.	Qty.	Description Of Part
1	8346-6018	1	DOOR ASSY (includes items 2 thru 25)
2	8521-1121	2	WEATHERSTRIP (top & bottom of door)
3	8521-1202	1	WEATHERSTRIP (door edge)
4	8830-1125	2	ROUND HD MACHINE SCREW, 1/4-20X5/8
5	8855-1009	6	LOCKWASHER, 1/4
6	8521-1127	2	BOLT
7	8521-1207	1	PUSH ROD
8	8521-1125	1	INSIDE DOOR HANDLE
9	8830-4916	2	OVAL HD MACHINE SCREW, #10-24X3/4
10	8855-1007	2	LOCKWASHER, #10
11	8850-1612	2	HEX NUT, #10-24
12	8822-1175	1	HEX SOCKET SET SCREW, #10-32X3/8
13	8521-1104	1	OPERATING ARM
14	8863-3002	1	YOKE PIN, 5/16
15	8521-1124	3	WAVE WASHER
16	8856-1108	1	FLAT WASHER, 5/16
17	8863-1309	2	COTTER PIN, 3/32X3/4
18	8521-1118	1	PUSH ROD
19	8521-1278	1	OUTSIDE DOOR HANDLE W/KEY
20	8830-1373	2	FLAT HD MACHINE SCREW, #10-32X7/8
21	8521-1111	1	PUSH ROD
22	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
23	8521-1126	1	LOCK (includes lock & pins)
24	8521-1109	1	LATCH BOLT
25	8830-2090	2	FLAT HD MACHINE SCREW, 1/4-20X1
26	8521-1216	1	GRAB BAR
27	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
28	8855-1013	2	LOCKWASHER, 1/2
29	8521-1031	1	LATCH BOLT
30	8521-1213	1	DOOR PANEL ACOUSTICAL LINER
31	8521-6001	1	STRIKER PLATE
32	8830-4926	2	FLAT HD MACHINE SCREW, 1/4-20X1
33	8505-1317	2	FLAT WASHER
34	8855-4918	2	LOCKWASHER, 1/4
35	8505-1318	2	HEX NUT
36	8521-1088	2	RUBBER BUMPER
37	8346-1203	2	WEATHERSTRIP (door & side window glass)
38	8521-1210	1	HINGE

Item	Part No.	Qty.	Description Of Part
39	8830-4924	12	FLAT HD MACHINE SCREW, 1/4-20X3/4
40	8505-1317	12	FLAT WASHER
41	8855-4918	12	LOCKWASHER, 1/4
42	8505-1318	12	HEX NUT
43	8521-1215	1	ACOUSTICAL LINER (right hand, side, rear)
44	8504-1446	4	GRAB BAR
45	8830-1057	2	ROUND HD MACHINE SCREW, #6-32X3/4
46	8855-1005	2	LOCKWASHER, #6
47	8850-1608	2	HEX NUT, #6-32
48	8504-1444	1	RAIN SPOUT
49	8521-1170	1	ACOUSTICAL LINER (top of door)
50	8346-1202	1	WEATHERSTRIP
51	8521-1212	1	ACOUSTICAL LINER (rear)
52	8521-1206	1	ROOF
53	8521-1214	1	ACOUSTICAL LINER (roof)
54	8366-3068	1	ACOUSTICAL LINER (left hand, side, rear)
55	8346-1205	2	WEATHERSTRIP
56	8521-1156	1	WEATHERSTRIP
57	8346-6019	1	WINDOW FRAME (includes items 58 & 59)
58	8346-1219	1	ADJUSTABLE GRIP LATCH - L.H.
	8346-1220	1	ADJUSTABLE GRIP LATCH - R.H.
59	8504-1486	2	HANDLE BAR
60	8346-1204	1	WEATHERSTRIP
61	8346-1201	1	WEATHERSTRIP
62	7734-3028	1	FLOOR MAT
63	8830-1341	2	FLAT HD MACHINE SCREW, 3/8-16X1-1/2
64	8820-1037	19	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5
65	8856-1004	19	FLAT WASHER, 3/8
66	8855-1011	19	LOCKWASHER, 3/8
67	8850-1005	19	HEX NUT, 3/8-16
68	8366-3058	1	SEAT ASSY
69	8855-1010	4	LOCKWASHER, 5/16
70	8850-1005	4	HEX NUT, 5/16-18
71	7716-3019	1	SEAT PEDESTAL
72	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
73	8856-1004	8	FLAT WASHER, 3/8
74	8852-1206	4	HEX LOCKNUT, 3/8-16

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CAB & RELATED COMPONENTS
Cab Assembly
Starting (Machine 9) of Lot 237
Original Issue 11-87
Revised 2-93



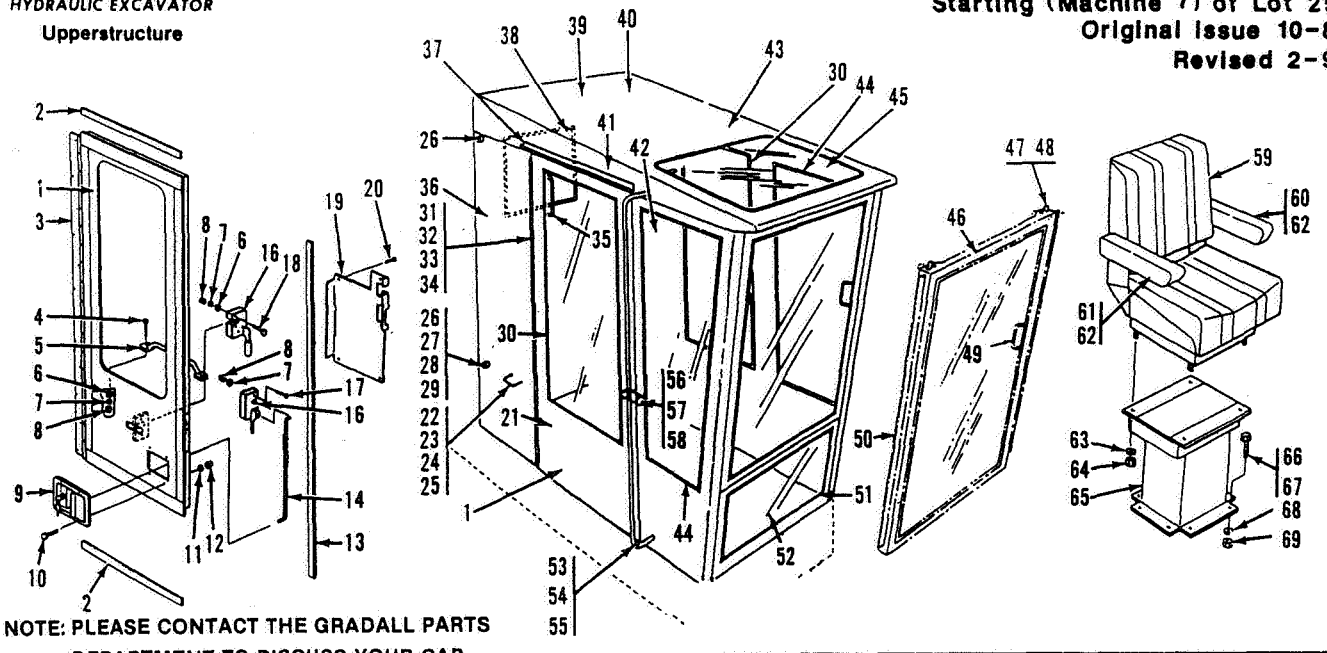
NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

Item	Part No.	Qty.	Description Of Part
1	8366-6073	1	DOOR ASSY (includes items 2 thru 20)
2	8521-1121	2	WEATHERSTRIP (top & bottom of door)
3	8521-1210	1	HINGE
4	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
5	8367-1166	1	GRAB HANDLE
6	8856-1108	5	FLAT WASHER, 5/16
7	8855-1010	8	LOCKWASHER, 5/16
8	8850-1005	8	HEX NUT, 5/16-18
9	8366-3187	1	PADDLE LATCH
10	8830-1070	4	ROUND HD MACHINE SCREW, #8-32X1/2
11	8855-1006	4	LOCKWASHER, #8
12	8850-1610	4	HEX NUT, #8-32
13	8521-1202	1	WEATHERSTRIP (door edge)
14	8366-1456	1	ROD
16	8366-3188	2	ROTARY LATCH
17	8824-1043	3	SOCKET FLAT HD CAPSCREW, 5/16-18X1-1/2
18	8820-1023	3	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5
19	8366-1443	1	COVER PANEL
20	8832-1023	5	SELF-TAPPING SCREW, #8-32X1/2
21	8366-3191	1	ACOUSTICAL LINER, DOOR PANEL
22	8366-3190	1	U-BOLT
23	8850-1004	4	HEX NUT, 3/8-16
24	8856-1109	2	FLAT WASHER, 3/8
25	8855-1011	2	LOCKWASHER, 3/8
26	8521-1088	2	RUBBER BUMPER
27	8855-1005	2	LOCKWASHER, #6
28	8850-1608	2	HEX NUT, #6-32
29	8830-1057	2	ROUND HD MACHINE SCREW, #6-32X3/4
30	8346-1203	2	WEATHERSTRIP (door & sill window glass)

Item	Part No.	Qty.	Description Of Part
31	8830-4924	12	FLAT HD MACHINE SCREW
32	8505-1317	12	FLAT WASHER
33	8855-4918	12	LOCKWASHER
34	8505-1318	12	HEX NUT
35	8504-1446	4	GRAB BAR
36	8521-1215	1	ACOUSTICAL LINER, R.H. SIDE REAR
37	8504-1444	1	RAIN SPOUT
38	8346-1202	1	WEATHERSTRIP
39	8521-1212	1	ACOUSTICAL LINER, REAR
40	8521-1206	1	ROOF
41	8521-1170	1	ACOUSTICAL LINER, TOP OF DOOR
42	8366-3068	1	ACOUSTICAL LINER, L.H. SIDE REAR
43	8521-1214	1	ACOUSTICAL LINER, ROOF
44	8346-1205	2	WEATHERSTRIP
45	8521-1156	1	WEATHERSTRIP
46	8346-6019	1	WINDOW FRAME (includes items 47, 48 & 49)
47	8687-1162	2	LIFT & TURN FASTENER ASSY
48	8346-1221	2	BRACKET
49	8504-1486	2	HANDLE BAR
50	8346-1204	2	WEATHERSTRIP
51	8346-1201	1	WEATHERSTRIP
52	7734-3028	1	FLOOR MAT
53	8521-1216	1	GRAB BAR
54	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
55	8855-1013	2	LOCKWASHER, 1/2
56	7716-3104	1	STRIKER PIN
57	8668-3431	1	WASHER
58	8850-1007	1	HEX NUT, 7/16-14
59	8366-3058	1	SEAT ASSY (includes items 60, 61 & 62)
60	8366-4138	1	ARM REST & BRACKET, L.H. (includes item 62)
61	8366-4139	1	ARM REST & BRACKET, R.H. (includes item 62)
62	8366-4140	2	ARM REST PAD
63	8855-1010	4	LOCKWASHER, 5/16
64	8850-1005	4	HEX NUT, 6/15-18
65	7716-3019	1	SEAT PEDESTAL
66	8820-1037	2	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5 (rear of pedestal)
67	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5 (front of pedestal)
68	8856-1004	8	FLAT WASHER, 3/8
69	8852-1206	4	HEX LOCKNUT, 3/8-16

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CAB & RELATED COMPONENTS
Cab Assembly
Starting (Machine 7) of Lot 257
Original Issue 10-88
Revised 2-93

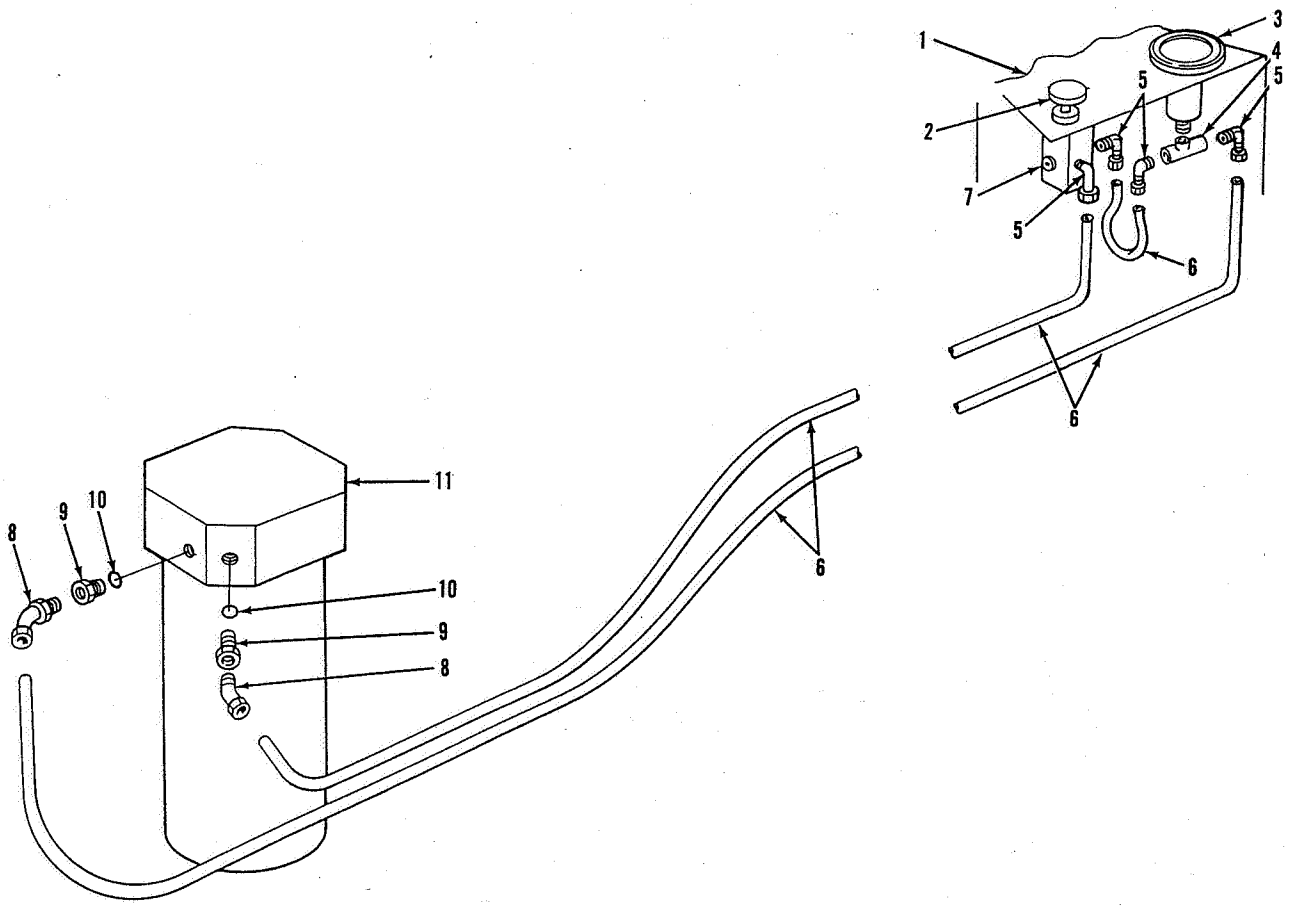


NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

Item	Part No.	Qty.	Description Of Part
1	8366-6073	1	DOOR ASSY (includes items 2 thru 20)
2	8521-1121	2	WEATHERSTRIP (top & bottom of door)
3	8521-1210	1	HINGE
4	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
5	8367-1166	1	GRAB HANDLE
6	8856-1108	5	FLAT WASHER, 5/16
7	8855-1010	8	LOCKWASHER, 5/16
8	8850-1005	8	HEX NUT, 5/16-18
9	8366-3187	1	PADDLE LATCH
10	8830-1070	4	ROUND HD MACHINE SCREW, #8-32X1/2
11	8855-1006	4	LOCKWASHER, #8
12	8850-1610	4	HEX NUT, #8-32
13	8521-1202	1	WEATHERSTRIP (door edge)
14	8366-1456	1	ROD
16	8366-3188	2	ROTARY LATCH
17	8824-1043	3	SOCKET FLAT HD CAPSCREW, 5/16-18X1-1/2
18	8820-1023	3	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5
19	8366-1443	1	COVER PANEL
20	8832-1023	5	SELF-TAPPING SCREW, #8-32X1/2
21	8366-3191	1	ACOUSTICAL LINER, DOOR PANEL
22	8366-3190	1	U-BOLT
23	8850-1004	4	HEX NUT, 3/8-16
24	8856-1109	2	FLAT WASHER, 3/8
25	8855-1011	2	LOCKWASHER, 3/8
26	8521-1088	2	RUBBER BUMPER
27	8855-1005	2	LOCKWASHER, #6
28	8850-1608	2	HEX NUT, #6-32
29	8830-1057	2	ROUND HD MACHINE SCREW, #6-32X3/4
30	8346-1203	2	WEATHERSTRIP (door & sill window glass)

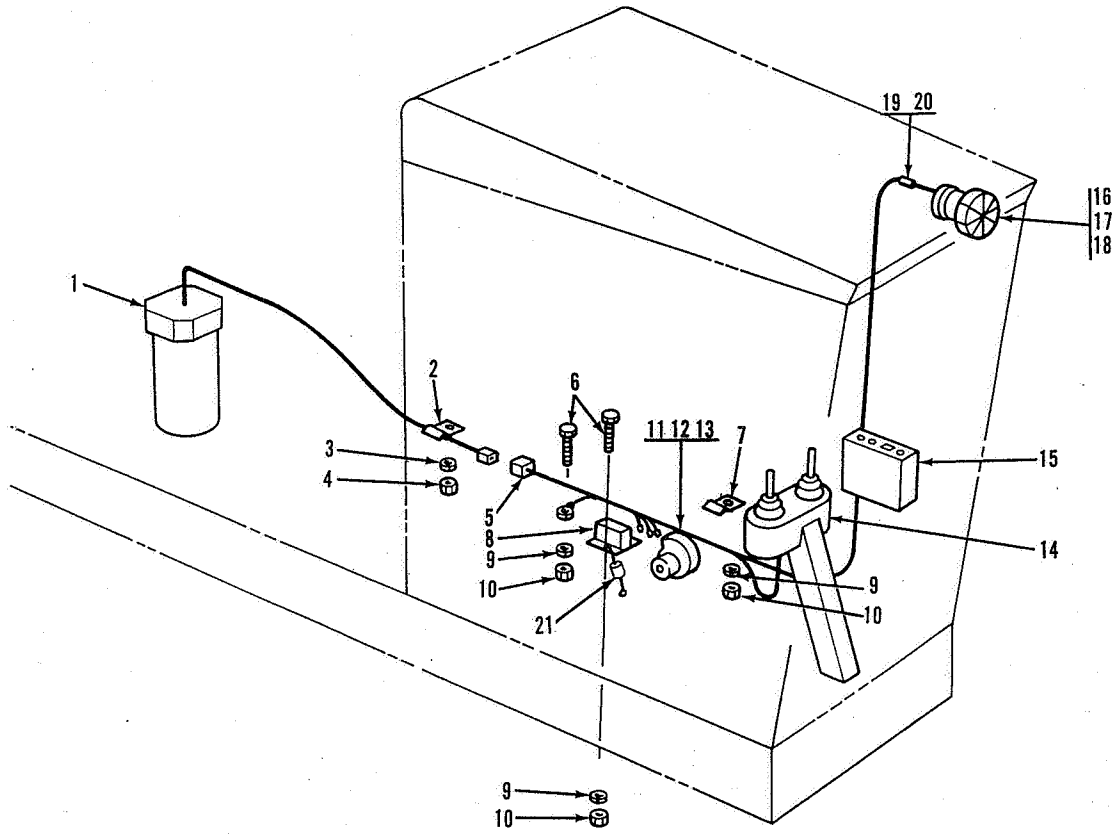
Item	Part No.	Qty.	Description Of Part
31	8830-4924	12	FLAT HD MACHINE SCREW
32	8505-1317	12	FLAT WASHER
33	8855-4918	12	LOCKWASHER
34	8505-1318	12	HEX NUT
35	8504-1446	4	GRAB BAR
36	8521-1215	1	ACOUSTICAL LINER, R.H. SIDE REAR
37	8504-1444	1	RAIN SPOUT
38	8346-1202	1	WEATHERSTRIP
39	8521-1212	1	ACOUSTICAL LINER, REAR
40	8521-1206	1	ROOF
41	8521-1170	1	ACOUSTICAL LINER, TOP OF DOOR
42	8366-3068	1	ACOUSTICAL LINER, L.H. SIDE REAR
43	8521-1214	1	ACOUSTICAL LINER, ROOF
44	8346-1205	2	WEATHERSTRIP
45	8521-1156	1	WEATHERSTRIP
46	8346-6019	1	WINDOW FRAME (includes items 47, 48 & 49)
47	8687-1162	2	LIFT & TURN FASTENER ASSY
48	8346-1221	2	BRACKET
49	8504-1486	2	HANDLE BAR
50	8346-1204	2	WEATHERSTRIP
51	8346-1201	1	WEATHERSTRIP
52	7734-3028	1	FLOOR MAT
53	8521-1216	1	GRAB BAR
54	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
55	8855-1013	2	LOCKWASHER, 1/2
56	7716-3104	1	STRIKER PIN
57	8668-3431	1	WASHER
58	8850-1007	1	HEX NUT, 7/16-14
59	8366-3058	1	SEAT ASSY (includes items 60, 61 & 62)
60	8366-4138	1	ARM REST & BRACKET, L.H. (includes item 62)
61	8366-4139	1	ARM REST & BRACKET, R.H. (includes item 62)
62	8366-4140	2	ARM REST PAD
63	8855-1010	4	LOCKWASHER, 5/16
64	8850-1005	4	HEX NUT, 6/15-18
65	7716-3019	1	SEAT PEDESTAL
66	8820-1037	2	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5 (rear of pedestal)
67	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5 (front of pedestal)
68	8856-1004	8	FLAT WASHER, 3/8
69	8852-1206	4	HEX LOCKNUT, 3/8-16

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Item	Part No.	Qty.	Description Of Part
1		Ref	CONTROL BOX ASSY (see page UP 3-4 for details)
2	8363-1008	1	PARKING BRAKE CONTROL VALVE
3	8368-3041	1	AIR PRESSURE GAUGE
4	8871-1020	1	TEE, 1/8
5	8688-1276	4	ELBOW, 90 DEGREES, 1/8x1/4 TUBE
6		AR	NYLON TUBE, 1/4 O.D.
7	8871-1250	1	SQUARE HD PIPE PLUG, 1/8
8	8367-1138	2	ELBOW, 90 DEGREES
9	8452-1068	2	ADAPTER
10	8859-1204	2	O RING
11		Ref	CENTER PIN ASSY (see page UP 4-2 for details)

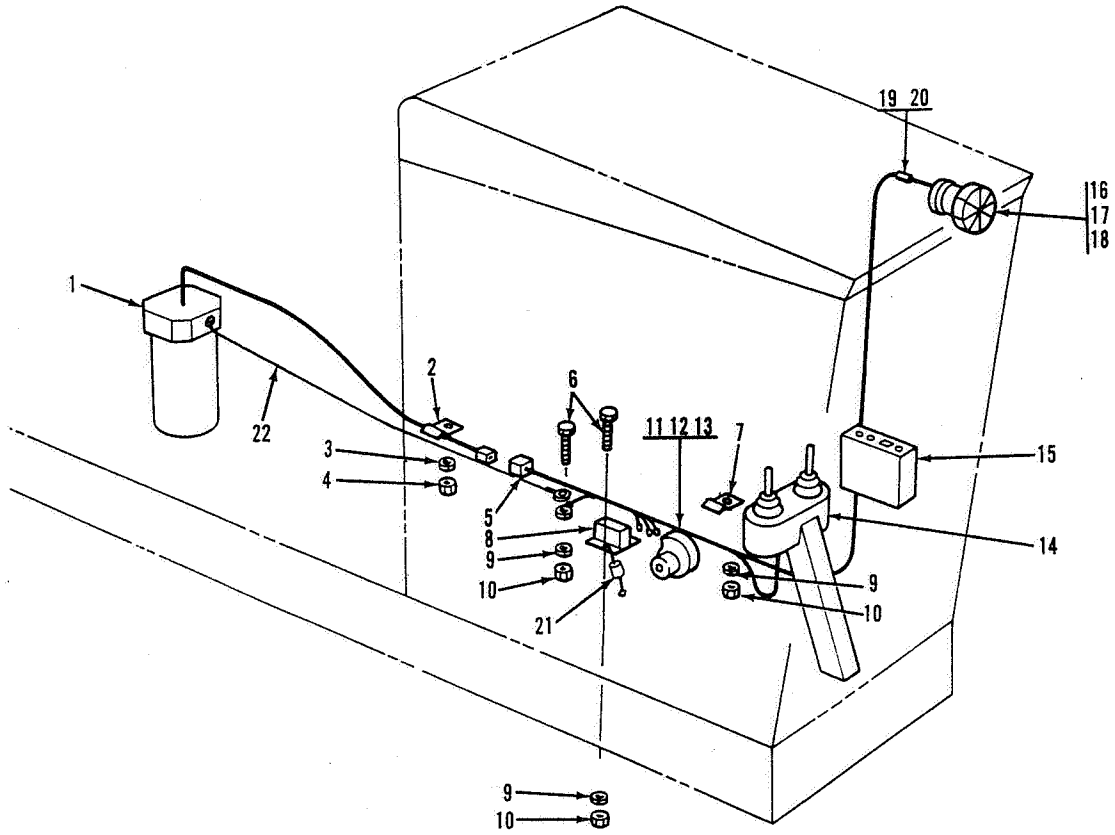
https://truckmanualshub.com/



Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8584-1150	1	SUPPORT CLAMP
3	8855-1011	1	LOCK WASHER, 3/8
4	8850-1006	1	HEX NUT, 3/8-16
5	7736-3140	1	WIRING HARNESS ASSY
6	8820-1003	4	HEX HD CAPSCREW, 1/4-20x3/4, GR 5
7	2486-1170	2	SUPPORT CLAMP
8	8666-1084	1	HORN RELAY
9	8855-1009	4	LOCK WASHER, 1/4
10	8850-1004	4	HEX NUT, 1/4-20
11	2492-1393	1	HORN
12	2492-1394	1	HORN BRACKET

Item	Part No.	Qty.	Description Of Part
13	2492-1395	1	HEX NUT
14		Ref	JOY STICK COLUMN ASSY (see page UP 3-5 for details)
15		Ref	ELECTRICAL CONTROL BOX ASSY (see page UP 3-4 for details)
16	8696-1113	1	DEFROSTER FAN
17	8830-1571	4	FILLISTER HD MACHINE SCREW #10-32x3/8
18	8855-1007	4	LOCK WASHER, #10
19	2460-1588	1	TERMINAL
20	2460-1587	1	CONNECTOR
21	7738-3206	2	DIODE

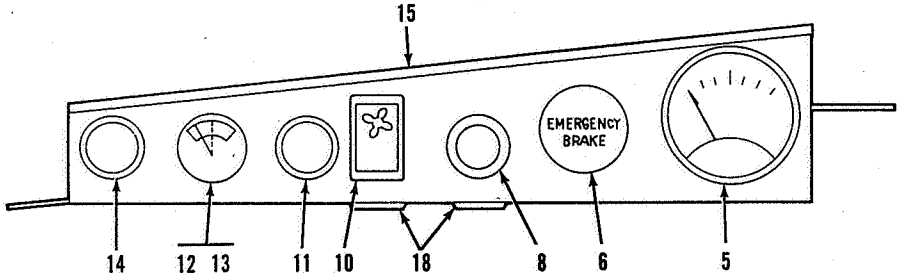
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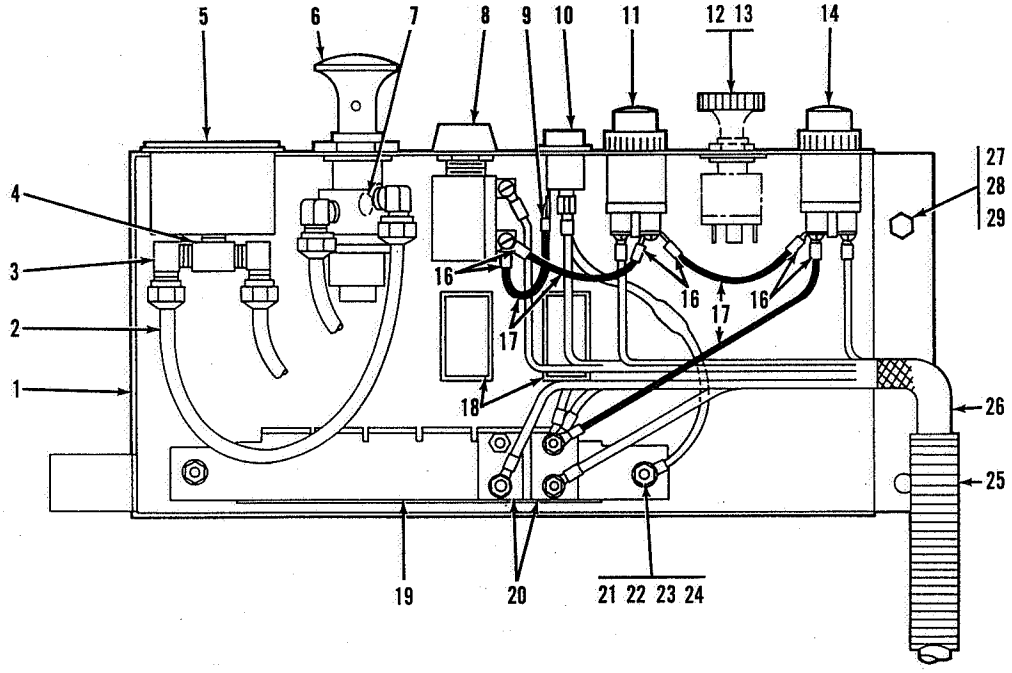


Item	Part No.	Qty.	Description Of Part
1	7736-5003	Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8584-1150	1	SUPPORT CLAMP
3	8855-1011	1	LOCK WASHER, 3/8
4	8850-1006	1	HEX NUT, 3/8-16
5	7736-3199	1	WIRING HARNESS ASSY
6	8820-1003	4	HEX HD CAPSCREW, 1/4-20x3/4, GR 5
7	2486-1170	2	SUPPORT CLAMP
8	8666-1084	1	HORN RELAY
9	8855-1009	4	LOCK WASHER, 1/4
10	8850-1004	4	HEX NUT, 1/4-20
11	2492-1393	1	HORN
12	2492-1394	1	HORN BRACKET

Item	Part No.	Qty.	Description Of Part
13	2492-1395	1	HEX NUT
14	7734-5015	Ref	JOY STICK COLUMN ASSY (see page UP 3-5 for details)
15	7736-5025	Ref	ELECTRICAL CONTROL BOX ASSY (see page UP 3-4 for details)
16	8696-1113	1	DEFROSTER FAN
17	8830-1571	4	FILLISTER HD MACHINE SCREW #10-32x3/8
18	8855-1007	4	LOCK WASHER, #10
19	2460-1588	1	TERMINAL
20	2460-1587	1	CONNECTOR
21	7738-3206	2	DIODE
22	7734-3050	1	UPPER CONSOLE GROUND WIRE

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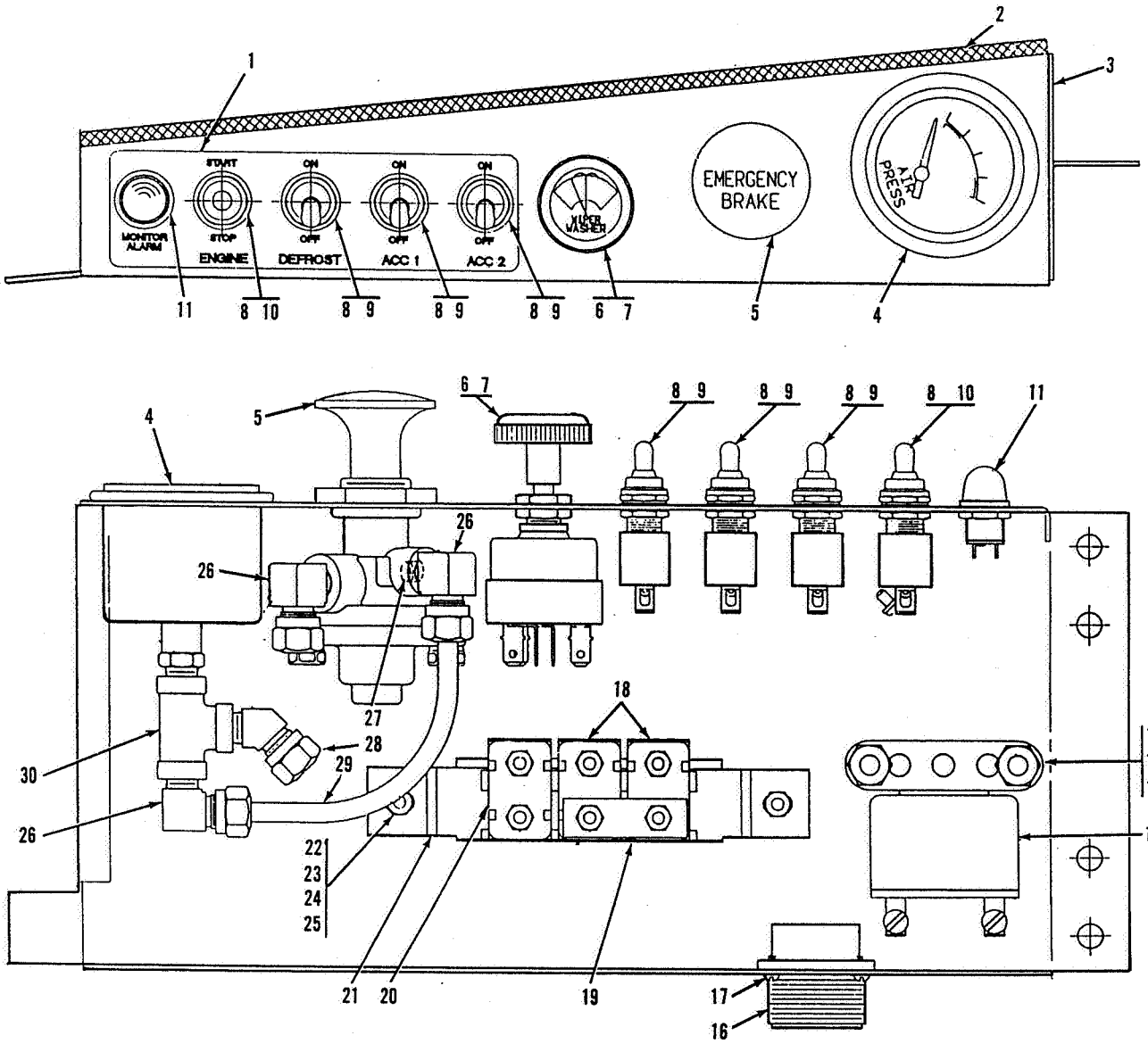


Item	Part No.	Qty.	Description Of Part
	7736-5016	1	CONTROL BOX ASSY (includes all items except items 27, 28, 29)
1	7736-1076	1	CONTROL BOX
2		AR	NYLON HOSE, 1/4 O.D.
3	8688-1276	4	ELBOW, 90 DEGREES, 1/8x1/4 TUBE
4	8871-1020	1	TEE, 1/8
5	8368-3041	1	AIR PRESSURE GAUGE
6	8363-1008	1	BRAKE CONTROL VALVE
7	8871-1250	1	SQUARE HD PIPE PLUG, 1/8
8	7736-3142	1	BUZZ LIGHT
9	8698-3195	1	FEMALE BLADE TERMINAL
10	7716-3049	1	DEFROSTER SWITCH
11	7734-3007	1	START SWITCH, BLACK
12	7736-3141	1	WIPER WASHER SWITCH
13	8521-1042	1	PLUG BUTTON
14	7734-3008	1	STOP SWITCH, RED
15	7736-3069	1	GROMMET, 30" LONG

Item	Part No.	Qty.	Description Of Part
16	8698-3188	7	RING TERMINAL, #10
17		AR	WIRE, 16 GAUGE, BLACK
18	7716-3144	2	BLANK PLUG
19	8368-3029	1	CIRCUIT BREAKER BRACKET
20	8698-3041	2	CIRCUIT BREAKER, 20 AMP
21	8830-1090	2	ROUND HD MACHINE SCREW #10-24x1/2
22	8856-1105	2	FLAT WASHER, #10
23	8855-1007	2	LOCK WASHER, #10
24	8850-1612	2	HEX NUT, #10-24
25		AR	FLEXIBLE LOOM, 1" I.D. 11" LONG
26		Ref	WIRING HARNESS ASSY (see page UP 3-3 for details)
27	8820-1003	4	HEX HD CAPSCREW, 1/4-20x3/4, GR 5
28	8855-1009	4	LOCK WASHER, 1/4
29	8368-3306	4	SELF RETAINING NUT

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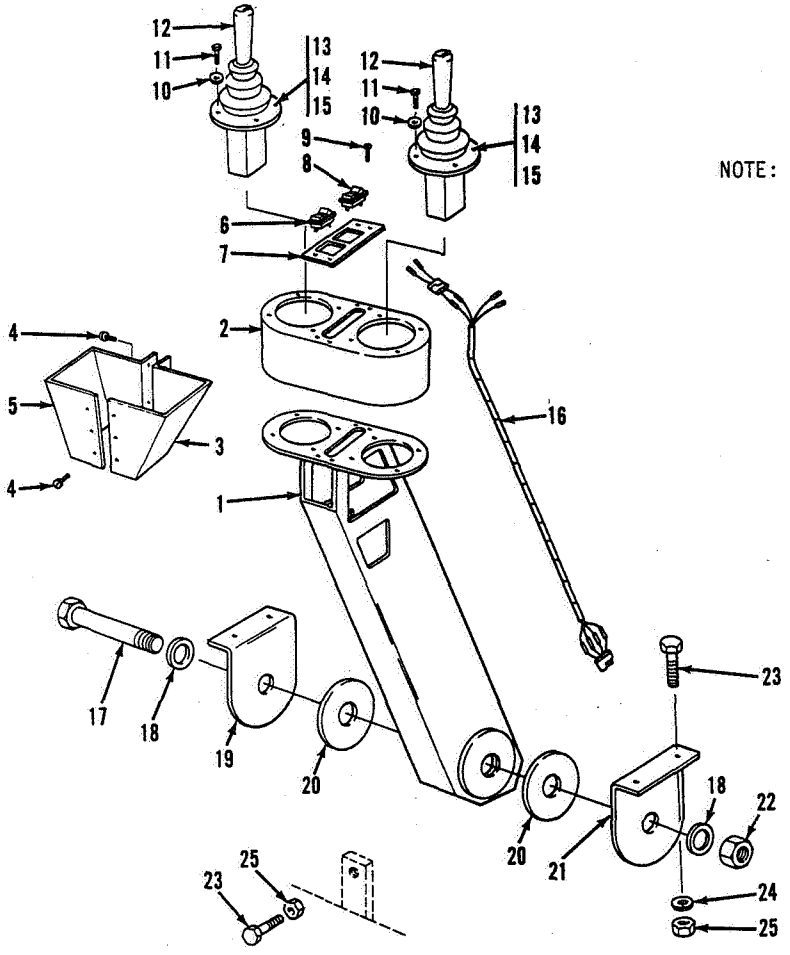
CAB & RELATED COMPONENTS
Electrical Control Box Assembly
Starting (Machine 6) of Lot 247
Original Issue 5-88
Revised 8-88



Item	Part No.	Qty.	Description Of Part
	7736-5025	1	CONTROL BOX ASSY (includes all items)
1	7736-3190	1	DECAL
2	7736-3198	1	GASKET
3	7736-1102	1	CONTROL BOX
4	8368-3041	1	AIR PRESSURE GAUGE
5	8363-1008	1	BRAKE CONTROL VALVE
6	8521-1042	1	PLUG BUTTON, 7/16
7	7736-3141	1	WIPER/WASHER SWITCH (OPTIONAL)
8	7738-3470	4	SWITCH BOOT
9	7738-3467	3	TOGGLE SWITCH, SINGLE POLE-SINGLE THROW
10	7738-3466	1	TOGGLE SWITCH, SINGLE POLE-DOUBLE THROW
11	7736-5024	1	DASH LIGHT ASSY
12	8830-1126	2	ROUND HD MACHINE SCREW 1/4-20x3/4
13	8850-1616	2	HEX NUT, 1/4-20

Item	Part No.	Qty.	Description Of Part
14	8855-1009	2	LOCK WASHER, 1/4
15	7736-3193	1	BUZZER
16	7736-3194	1	CABLE CONNECTOR
17	8832-1015	4	SELF TAPPING SCREW, #6-32x1/2
18	8688-3071	2	CIRCUIT BREAKER, 10 AMP
19	8698-1272	1	BUSS BAR
20	8698-3041	1	CIRCUIT BREAKER, 20 AMP
21	7736-3191	1	CIRCUIT BREAKER BRACKET
22	8830-1090	2	ROUND HD MACHINE SCREW #10-24x1/2
23	8856-1105	2	FLAT WASHER, #10
24	8855-1007	2	LOCK WASHER, #10
25	8850-1612	2	HEX NUT, #10-24
26	8688-1276	3	ELBOW, 90 DEGREES, 1/8
27	8871-1280	1	HEX SOCKET PIPE PLUG, 1/8
28	8688-1281	1	ELBOW, 45 DEGREES, 1/8
29		AR	NYLON TUBE, 1/4 O.D.
30	8871-1020	1	TEE, 1/8

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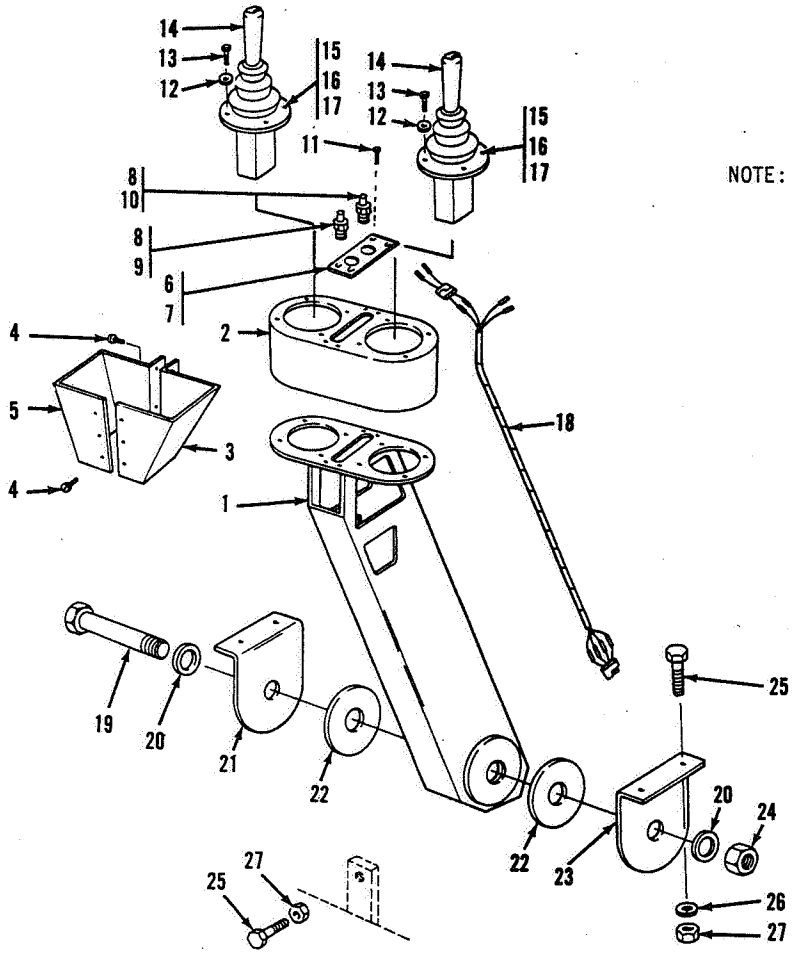


NOTE: P/N 7734-5015 Joy Stick Column Assembly also includes quantities of (12) 8866-2084 45 Degree Elbows with 8859-1204 O Rings, (4) 8471-7340 Hose Assembly and (8) 8471-7289 Hose Assembly. These parts are shown with the Pressure, Dump and Pilot Hydraulic Circuits. Please refer to pages UP 5-4, UP 5-11, UP 6-1, UP 6-2, UP 6-4 and UP 6-6 for details.

Item	Part No.	Qty.	Description Of Part
	7734-5015	1	JOY STICK COLUMN ASSY (includes all items except items 23 thru 25
1	7736-6010	1	JOYSTICK COLUMN WELDMENT
2	8366-3084	1	FIBERGLASS COVER
3	8366-1235	1	SIDE COVER, R.H.
4	8832-1029	8	SELF TAPPING SCREW, #10-24x3/8
5	8366-1236	1	SIDE COVER, L.H.
6	7734-3039	1	SHIFT SWITCH
7	7734-3025	1	BEZEL
8	7716-3031	1	TWO POSITION SWITCH
9	8832-4908	4	SELF TAPPING SCREW, #8-32x3/8
10	8856-1107	4	FLAT WASHER, 1/4
11	8832-1053	4	SELF TAPPING SCREW, 1/4-20x1 1/2
12		Ref	JOY STICK ASSY (see page UP 4-9 for details)

Item	Part No.	Qty.	Description Of Part
13	7736-3165	4	HEX SOCKET HD CAPSCREW, M6-1-12
14	7736-3164	4	HEX NUT, M6-1
15	8319-1012	4	LOCK WASHER, M6
16	7734-3026	1	JOYSTICK HARNESS ASSY
17	8820-1142	1	HEX HD CAPSCREW, 1-8x4-1/2 GR 5
18	8366-1227	2	HUB PLATE
19	8366-1225	1	SUPPORT PLATE, L.H.
20	8366-3073	2	FRICTION PAD
21	8366-1226	1	SUPPORT PLATE, R.H.
22	8852-1316	1	HEX LOCKNUT, 1-8
23	8820-1096	5	HEX HD CAPSCREW, 5/8-11x1-3/4 GR 5
24	8855-1015	4	LOCK WASHER, 5/8
25	8850-1010	5	HEX NUT, 5/8-11

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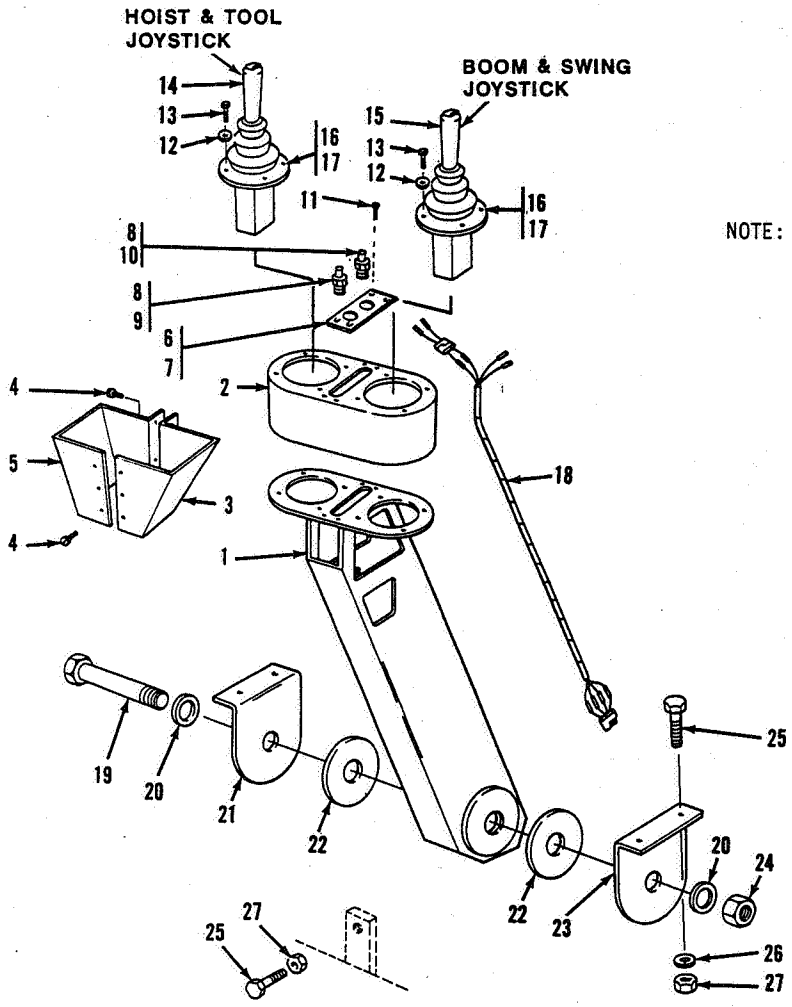


NOTE: P/N 7734-5015 Joy Stick Column Assembly also includes quantities of (12) 8866-2084 45 Degree Elbows with 8859-1204 O Rings, (4) 8471-7340 Hose Assembly and (8) 8471-7289 Hose Assembly. These parts are shown with the Pressure, Dump and Pilot Hydraulic Circuits. Please refer to pages UP 5-4, UP 5-11, UP 6-1, UP 6-2, UP 6-4 and UP 6-6 for details.

Item	Part No.	Qty.	Description Of Part
	7734-5015	1	JOY STICK COLUMN ASSY (includes all items except items 25 thru 27)
1	7736-6010	1	JOYSTICK COLUMN WELDMENT
2	8366-3084	1	FIBERGLASS COVER
3	8366-1235	1	SIDE COVER, R.H.
4	8832-1029	8	SELF TAPPING SCREW, #10-24x3/8
5	8366-1236	1	SIDE COVER, L.H.
6	7734-3056	1	BEZEL GASKET
7	7734-3055	1	BEZEL
8	7738-3470	2	TOGGLE SWITCH BOOT
9	7738-3466	1	TOGGLE SWITCH, Single Pole Double Throw
10	7738-3467	1	TOGGLE SWITCH, Single Pole Single Throw
11	8832-4908	4	SELF TAPPING SCREW, #8-32x3/8
12	8856-1107	4	FLAT WASHER, 1/4
13	8832-1053	4	SELF TAPPING SCREW, 1/4-20x1-1/2
14		Ref	JOY STICK ASSY (see page UP4-9 for details)

Item	Part No.	Qty.	Description Of Part
15	7736-3165	4	HEX SOCKET HD CAPSCREW, M6-1-12
16	7736-3164	4	HEX NUT, M6-1
17	8319-1012	4	LOCK WASHER, M6
18	7734-3054	1	JOYSTICK HARNESS ASSY
19	8820-1142	1	HEX HD CAPSCREW, 1-8x4-1/2, GR5
20	8366-1227	2	HUB PLATE
21	8366-1225	1	SUPPORT PLATE, L.H.
22	8366-3073	2	FRICTION PAD
23	8366-1226	1	SUPPORT PLATE, R.H.
24	8852-1316	1	HEX LOCKNUT, 1/8
25	8820-1096	5	HEX HD CAPSCREW, 5/8-11x1-3/4 GR5
26	8855-1015	4	LOCK WASHER, 5/8
27	8850-1010	5	HEX NUT, 5/8-11

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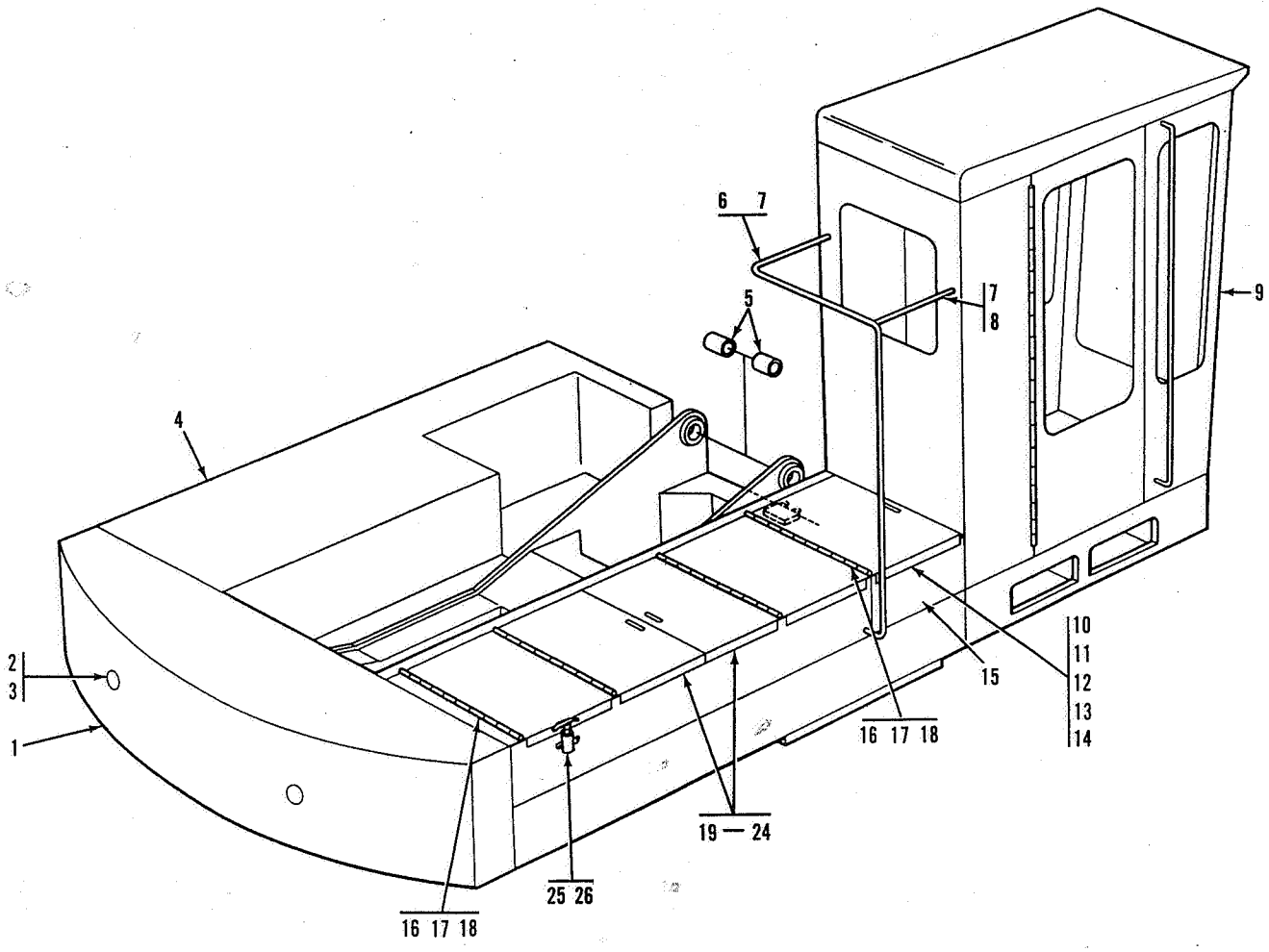


NOTE: P/N 7734-5015 Joy Stick Column Assembly also includes quantities of (12) 8866-2084 45 Degree Elbows with 8859-1204 O Rings, (4) 8471-7340 Hose Assembly and (8) 8471-7289 Hose Assembly. These parts are shown with the Pressure, Dump and Pilot Hydraulic Circuits. Please refer to pages UP 5-4, UP 5-11, UP 6-1, UP 6-2, UP 6-4 and UP 6-6 for details.

Item	Part No.	Qty.	Description Of Part
	7734-5015	1	JOY STICK COLUMN ASSY (includes all items except items 25 thru 27)
	7734-5029	AR	SERVICE KIT (includes items 6 thru 11)
1	7736-6010	1	JOY STICK COLUMN WELDMENT
2	8366-3084	1	FIBERGLASS COVER
3	8366-1235	1	SIDE COVER, R.H.
4	8832-1029	8	SELF-TAPPING SCREW, #10-24x3/8
5	8366-1236	1	SIDE COVER, L.H.
6	7734-3056	1	BEZEL GASKET
7	7734-3055	1	BEZEL
8	7738-3470	2	TOGGLE SWITCH BOOT
9	7738-3466	1	TOGGLE SWITCH, Single Pole Double Throw
10	7738-3467	1	TOGGLE SWITCH, Single Pole Single Throw
11	8832-1023	4	SELF-TAPPING SCREW, #8-32x1/2
12	8856-1107	4	FLAT WASHER, 1/4

Item	Part No.	Qty.	Description Of Part
13	8830-2128	4	ROUND HD MACHINE SCREW, 1/4-20X1
14		1	JOY STICK ASSY, HOIST & TOOL (see page UP4-9 for details)
15		1	JOY STICK ASSY, BOOM & SWING (see page UP4-9 for details)
16	8821-1040	4	HEX SOCKET HD CAPSCREW, 1/4-20X3/4, GR8
17	8852-1204	4	HEX LOCKNUT, 1/4-20
18	7734-3054	1	JOY STICK HARNESS ASSY
19	8820-1142	1	HEX HD CAPSCREW, 1-8X4-1/2, GR5
20	8366-1227	2	HUB PLATE
21	8366-1225	1	SUPPORT PLATE, L.H.
22	8366-3073	2	FRICTION PAD
23	8366-1226	1	SUPPORT PLATE, R.H.
24	8852-1316	1	HEX LOCKNUT, 1-8
25	8820-1096	5	HEX HD CAPSCREW, 5/8-11X1-3/4, GR5
26	8855-1015	4	LOCKWASHER, 5/8
27	8850-1010	5	HEX NUT, 5/8-11

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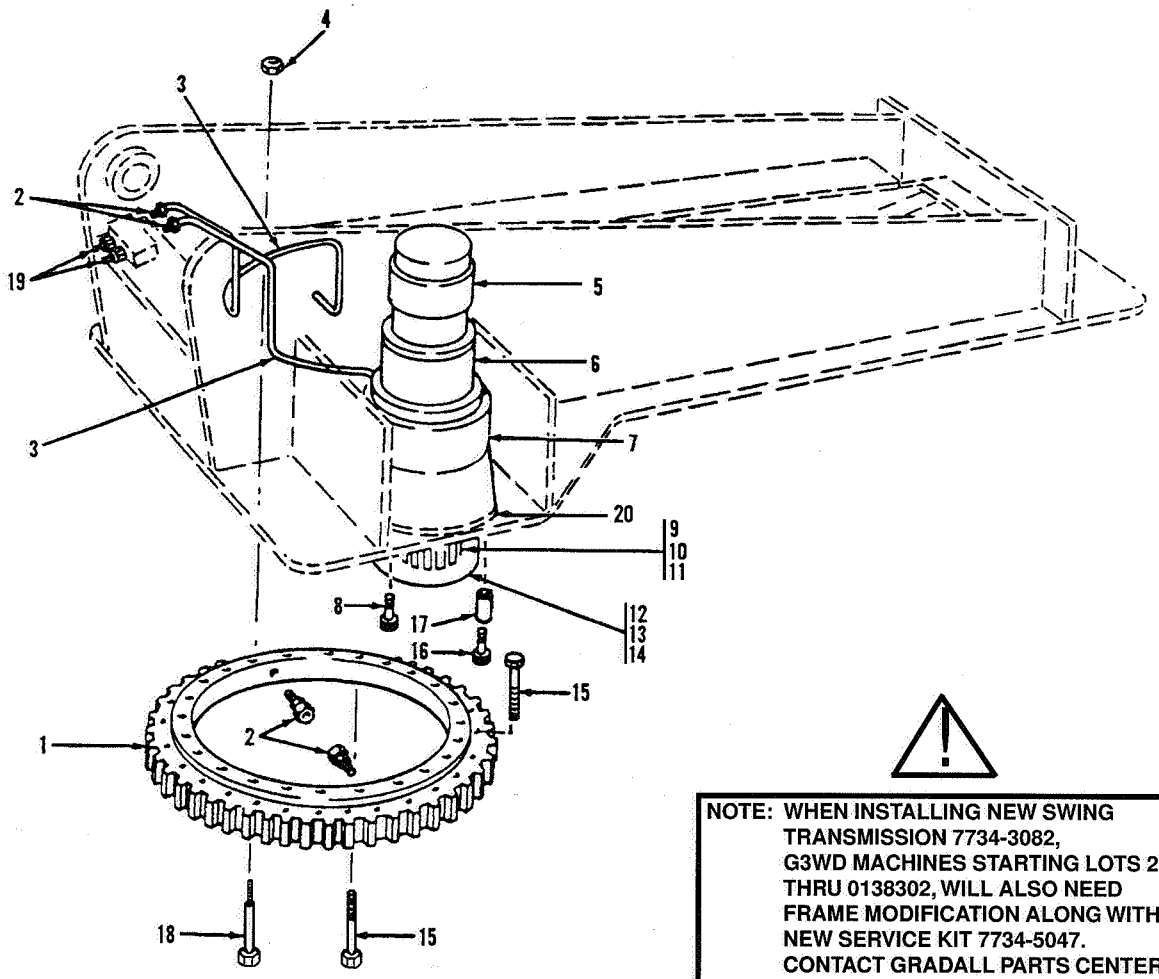


Item	Part No.	Qty.	Description Of Part
1	7734-3001	1	COUNTERWEIGHT
2	8320-1080	4	HEX HD CAPSCREW, SELF-LOCKING 1-8x3, GR 8
3	0510-1441	4	FLAT WASHER, 1"
4	7734-6002	1	FRAME WELDMENT
5	7714-3002	2	TRUNNION BUSHING
6	8364-1146	1	GRAB RAIL
7	8820-1066	4	HEX HD CAPSCREW, 1/2-13x1-1/4 GR 5
8	8364-1147	1	GRAB RAIL SUPPORT
9		Ref	CAB ASSY (see page UP 3-1 for details)
10	8364-5009	1	COVER ASSY (includes items 11, 12 13, 14)
11	8364-1385	1	COVER
12	8364-1384	1	HINGE

Item	Part No.	Qty.	Description Of Part
13	8695-1058	1	HINGE PIN
14	8858-1117	2	RETAINING RING
15		1	TOOL KIT (see page UP 3-9 for details)
16	8820-1020	14	HEX HD CAPSCREW, 5/16-18x1, GR 5
17	8855-1010	14	LOCK WASHER, 5/16
18	8850-1005	14	HEX NUT, 5/16-18
19	8695-5004	2	COVER ASSY (includes items 20 thru 24)
20	8695-1055	2	COVER HALF, W/LIFT HOLE
21	8695-1056	2	COVER HALF
22	8695-1057	2	HINGE
23	8695-1058	2	HINGE PIN
24	8858-1117	8	RETAINING RING
25	8698-3052	5	DRAW LATCH
26	8368-3375	20	POP RIVET

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CAB & RELATED COMPONENTS
Swing Gear Bearing
Starting Lot 229
Original Issue 4-87
Revised 12-18-98



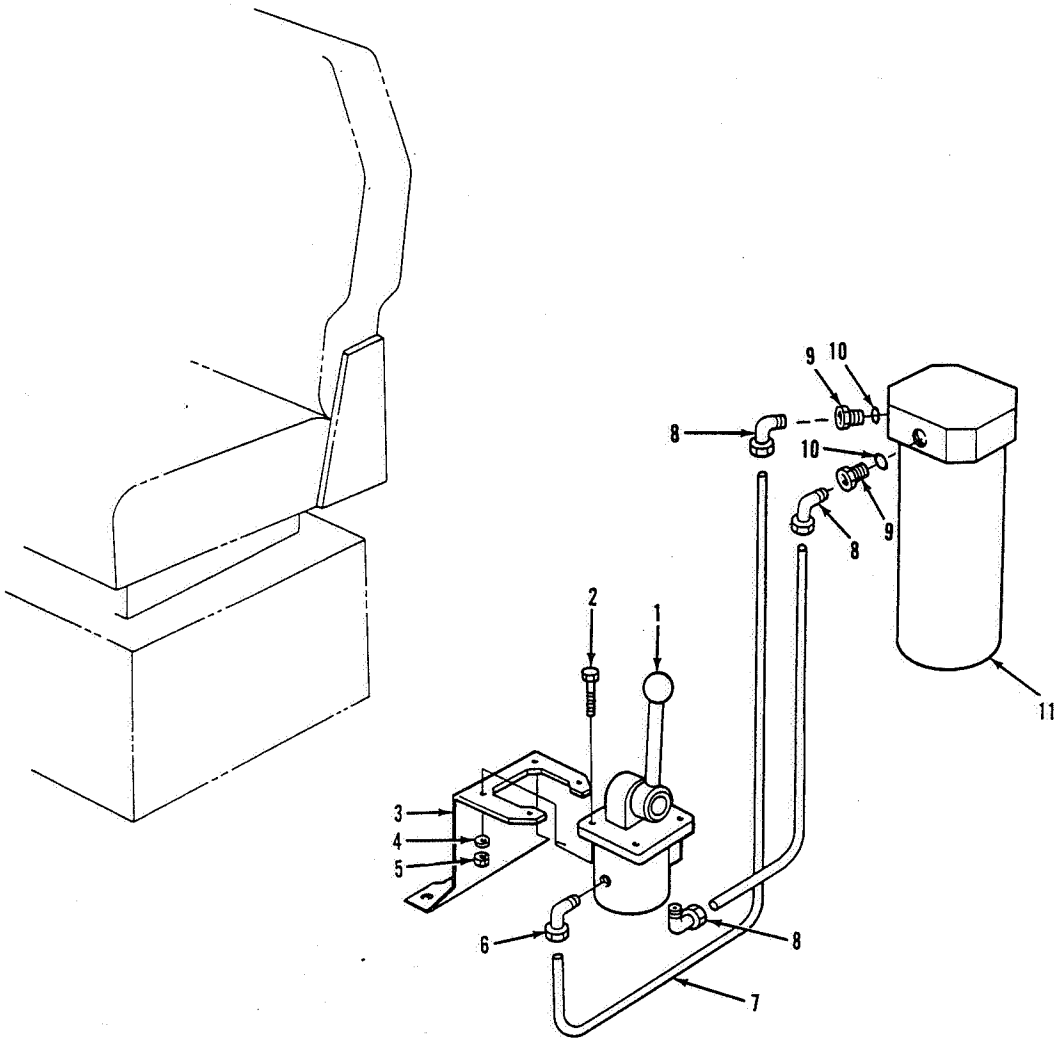
NOTE: WHEN INSTALLING NEW SWING TRANSMISSION 7734-3082, G3WD MACHINES STARTING LOTS 200 THRU 0138302, WILL ALSO NEED FRAME MODIFICATION ALONG WITH NEW SERVICE KIT 7734-5047. CONTACT GRADALL PARTS CENTER IF ANY PROBLEMS OCCUR.

Item	Part No.	Qty.	Description Of Part
*1	7734-3149	1	SWING GEAR BEARING
2	8688-1273	4	TUBE FITTING, 1/8X1/4 TUBE
3		AR	NYLON TUBE, 1/4 O.D.X.062 WALL
4	8852-1310	2	HEX LOCKNUT, 5/8-11
5		Ref	SWING MOTOR ASSY, (see page UP4-12 for details)
6		Ref	SWING BRAKE ASSY, (see page UP4-10 for details)
7		Ref	SWING TRANSMISSION ASSY, (see page UP4-13 for details)
8	8320-1092	7	HEX HD CAPSCREW, (lubricate and torque to 200-225 ft. lbs.)
9		Ref	SWING PINION, (see page UP5-7 for details)
10	7714-1036	1	RETAINER PLATE

Item	Part No.	Qty.	Description Of Part
11	8320-1066	2	HEX HD CAPSCREW, 1/2-20x1-1/4, GR8, SELF-LOCKING, (NYLOK), (lubricate and torque to 75-85 ft. lbs.)
12	7734-6015	1	SWING PINION GUARD
13	8820-1005	3	HEX HD CAPSCREW, 1/4-20X1, GR5
14	8855-1009	3	LOCKWASHER, 1/4
15	8320-1044	50	HEX HD CAPSCREW, (lubricate and torque to 200-215 ft. lbs.)
16	8821-2258	1	SOCKET HD CAPSCREW, 5/8-11X2, GR8
17	7734-1063	1	DOWEL
18	7738-1749	2	SOCKET HD SHOULDER SCREW, 3/4X4-1/2, (5/8-11 thread)
19	8867-1002	2	LUBE FITTING, STRAIGHT, 1/8
20	7734-1150	AR	SPACER, (1/8 thick)
	7734-1141	AR	SPACER, (3/16 thick)

** - Changed part number on item 1.*

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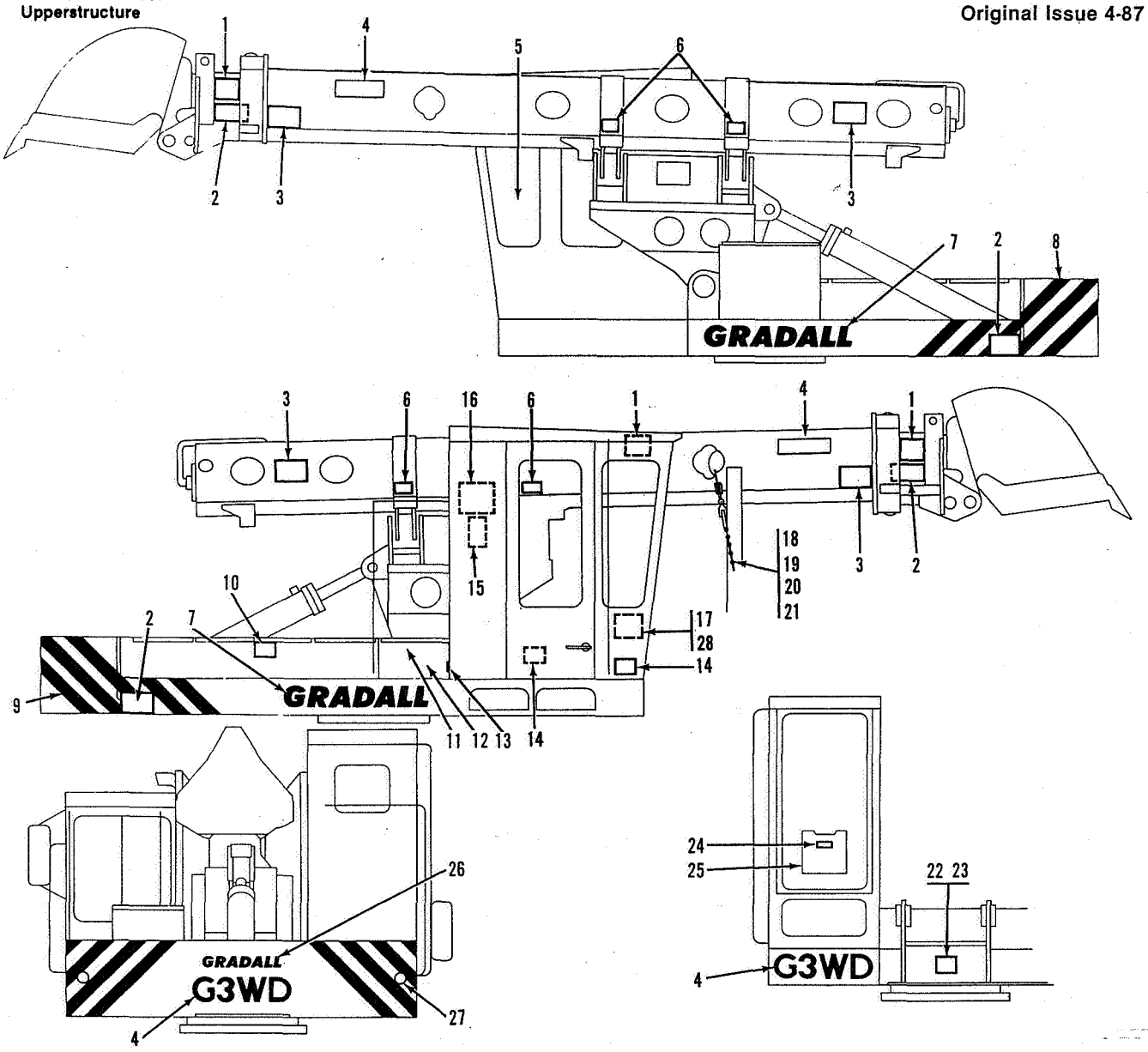


Item	Part No.	Qty.	Description Of Part
1	7736-3017	1	THROTTLE CONTROL VALVE ASSY
	7736-4138	1	REPAIR KIT
	7736-4139	1	SPRING REPLACEMENT KIT
2	8830-2127	4	ROUND HD MACHINE SCREW 1/4-20X7/8
3	7734-1055	1	THROTTLE SUPPORT BRACKET
4	8855-1009	4	LOCK WASHER, 1/4
5	8850-1004	4	HEX NUT, 1/4-20
6	8688-3217	1	CONNECTOR
7		AR	NYLON TUBE, 1/4 O.D.
8	8367-1138	3	ELBOW, 90 DEGREES, 1/4 NPTX1/4 TUBE
9	8452-1068	2	ADAPTER
10	8859-1204	2	O RING
11		Ref	CENTER PIN ASSY (see page UP 4-2 for details)

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Item	Part No.	Qty.	Description Of Part
	7734-5006	1	TOOL KIT (includes all items)
	8504-1300	1	GREASE GUN
	8504-1302	2	GREASE CARTRIDGE
	8504-1301	1	HOSE & COUPLING
	8504-1356	1	BOX WRENCH, 1-7/8
	7713-3089	1	MINI-CHECK COUPLING
	7713-3258	1	ADAPTER
	7713-3259	1	HIGH PRESSURE HOSE
	7713-3263	1	PRESSURE GAUGE (6000 PSI)
	1440-2466	1	LOCTITE SEALANT, 50CC (PURPLE 222)
	9020-1617	1	TRANSMISSION FILTER
	8582-1020	1	SOCKET (for ROLLER ADJUSTMENT)
	8664-1304	1	OPEN GEAR LUBE
	8664-1305	1	GEAR LUBE GUN
	8859-1507	5	O RING
	8859-1508	10	O RING
	8859-1509	10	O RING
	8859-1510	5	O RING

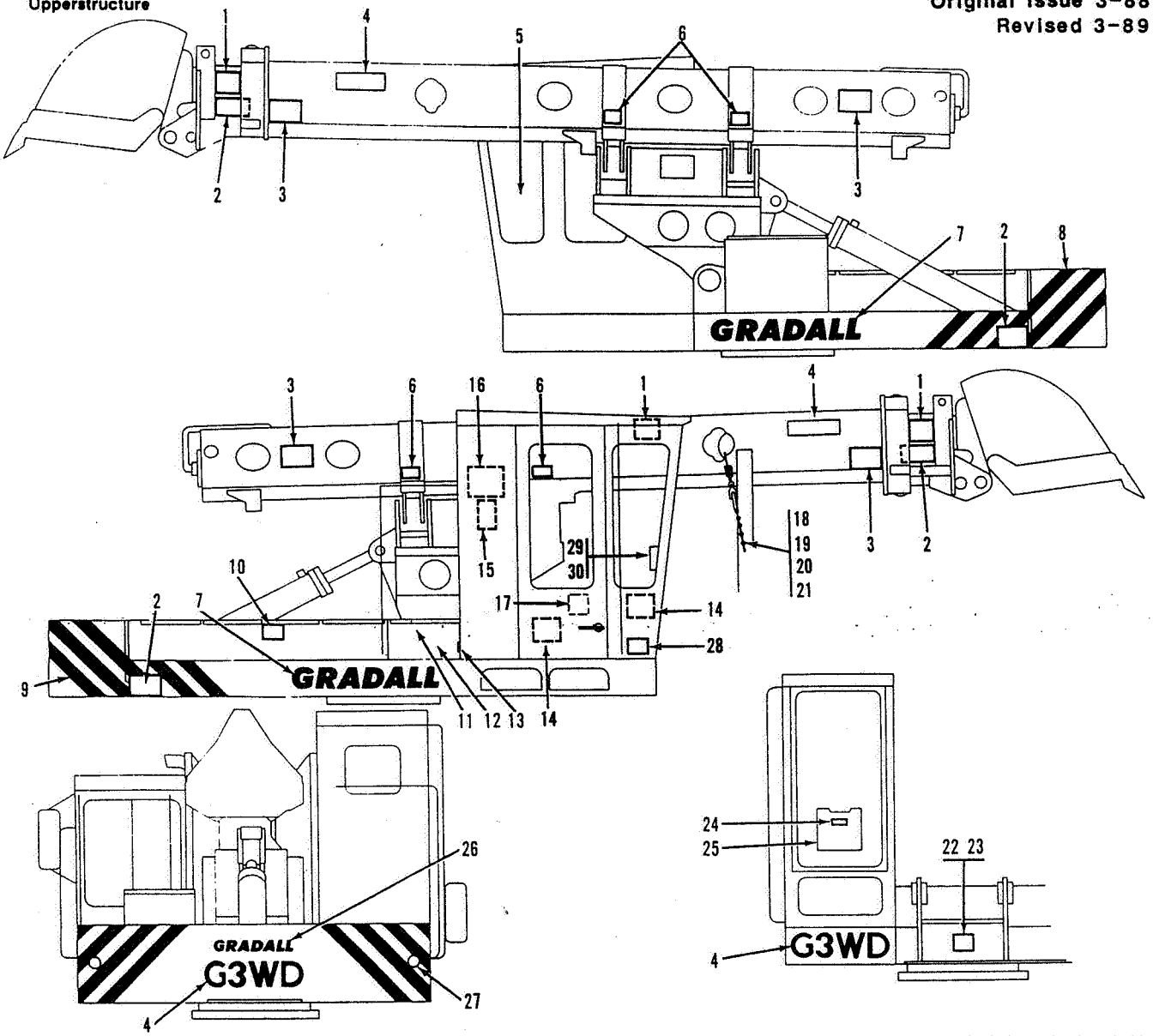
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Item	Part No.	Qty.	Description Of Part
1	8360-1011	3	ACCIDENT PREVENTION DECAL
2	8360-1018	4	WARNING DECAL
3	7702-3009	4	WARNING DECAL
4	7733-3003	4	MODEL DECAL (standard)
	7733-3005	4	MODEL DECAL (special)
5	9103-3157	1	CAUTION DECAL (Use only on machine with AC/Delco starters)
6	7738-3322	4	CLAMP BOLT TORQUE DECAL
7	7733-3010	2	GRADALL DECAL (standard)
	8364-1673	2	GRADALL DECAL (special)
8	7733-3014	1	DECAL STRIPE, L.H.
9	7733-3013	1	DECAL STRIPE, R.H.
10	7702-3004	2	WARNING DECAL
11		Ref	TOOL KIT (see page UP 3-9 for details)
12	8668-3279	1	LUG WRENCH (Budd wheels only)
	8668-3278	1	LUG WRENCH (Dayton & Gunite wheels only)
13	7734-3018	1	WARNING DECAL (Inside tool box above heater exhaust, if so equipped)

Item	Part No.	Qty.	Description Of Part
14	7702-3003	4	WARNING DECAL
15	7733-3004	1	ACCIDENT PREVENTION DECAL
16	7733-3002	1	LIFT CAPACITY CHART (4x2 machines)
	7733-3008	1	LIFT CAPACITY CHART (4x4 machines)
17	7733-3015	1	OPERATING DECAL
18	7738-5031	1	BOOM TIE DOWN ASSY (includes items 19, 20, 21)
19	8562-1047	1	TURN BUCKLE
20	8362-1026	3	COLD SHUT LINK
21	8368-3286	2	CHAIN
22	8364-1682	1	SERIAL PLATE
23	8834-1012	4	DRIVE SCREW, #4x5/16
24	8321-1037	1	MANUAL DECAL
25	7733-3001	1	LUBRICATION CHART
26	7733-3011	1	GRADALL DECAL (standard)
	8364-1675	1	GRADALL DECAL (special)
27	8660-1002	2	STICK ON REFLECTOR
28	8832-1021	4	SELF-TAPPING SCREW, #8-32x5/16

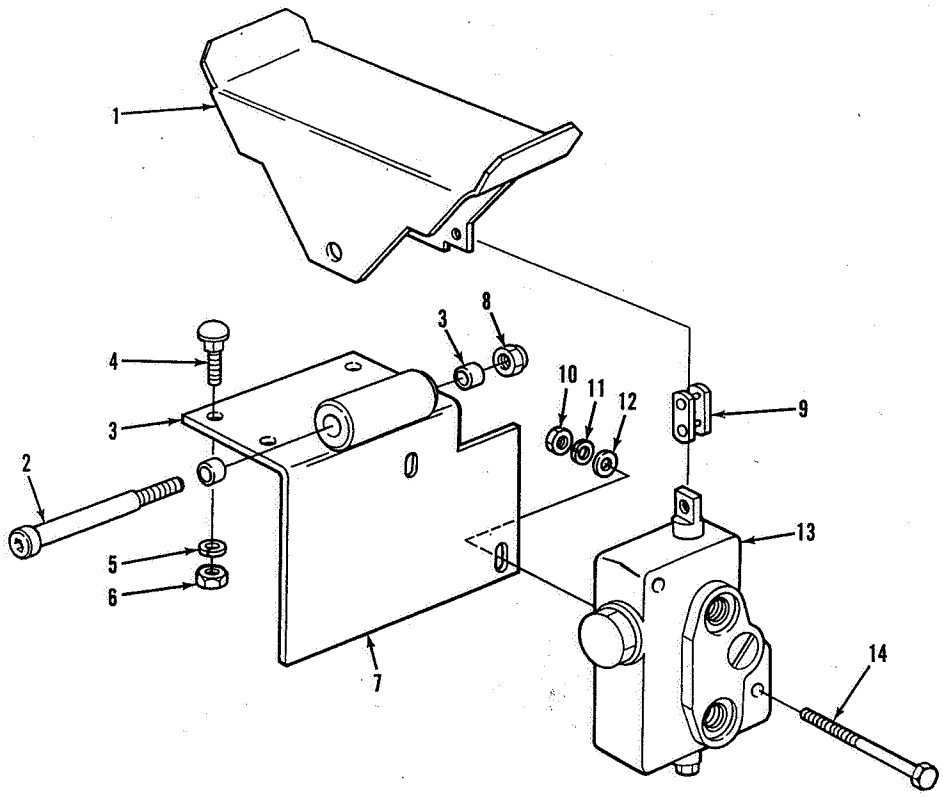
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Item	Part No.	Qty.	Description Of Part
1	8360-1011	3	ACCIDENT PREVENTION DECAL
2	8360-1018	4	WARNING DECAL
3	7702-3009	4	WARNING DECAL
4	7733-3003	4	MODEL DECAL (standard)
	7733-3005	4	MODEL DECAL (special)
5	9103-3157	1	CAUTION DECAL (Use only on machine with AC/Delco starters)
6	7738-3322	4	CLAMP BOLT TORQUE DECAL
7	7733-3010	2	GRADALL DECAL (standard)
	8364-1673	2	GRADALL DECAL (special)
8	7733-3014	1	DECAL STRIPE, L.H.
9	7733-3013	1	DECAL STRIPE, R.H.
10	7702-3004	2	WARNING DECAL
11	7734-5006	Ref	TOOL KIT (see page UP 3-9 for details)
12	8668-3279	1	LUG WRENCH (Budd wheels only)
	8668-3278	1	LUG WRENCH (Dayton & Gunite wheels only)
13	7734-3018	1	WARNING DECAL (Inside tool box above heater exhaust, if so equipped)

Item	Part No.	Qty.	Description Of Part
14	7702-3003	4	WARNING DECAL
15	7733-3004	1	ACCIDENT PREVENTION DECAL
16	7733-3002	1	LIFT CAPACITY CHART (4x2 machines)
	7733-3008	1	LIFT CAPACITY CHART (4x4 machines)
17	7733-3024	1	OPERATING DECAL
18	7738-5031	1	BOOM TIE DOWN ASSY (includes items 19, 20, 21)
19	8562-1047	1	TURN BUCKLE
20	8362-1026	3	COLD SHUT LINK
21	8368-3286	2	CHAIN
22	7733-3047	1	SERIAL PLATE
23	8834-1012	4	DRIVE SCREW, #4x5/16
24	8321-1037	1	MANUAL DECAL
25	7733-3001	1	LUBRICATION CHART
26	7733-3011	1	GRADALL DECAL (standard)
	8364-1675	1	GRADALL DECAL (special)
27	8660-1002	2	STICK ON REFLECTOR
28	7733-3027	1	GRADALL U.S.A. DECAL
29	7738-3026	1	BOOM OPERATION DECAL
30	7738-3029	1	OPERATING DECAL

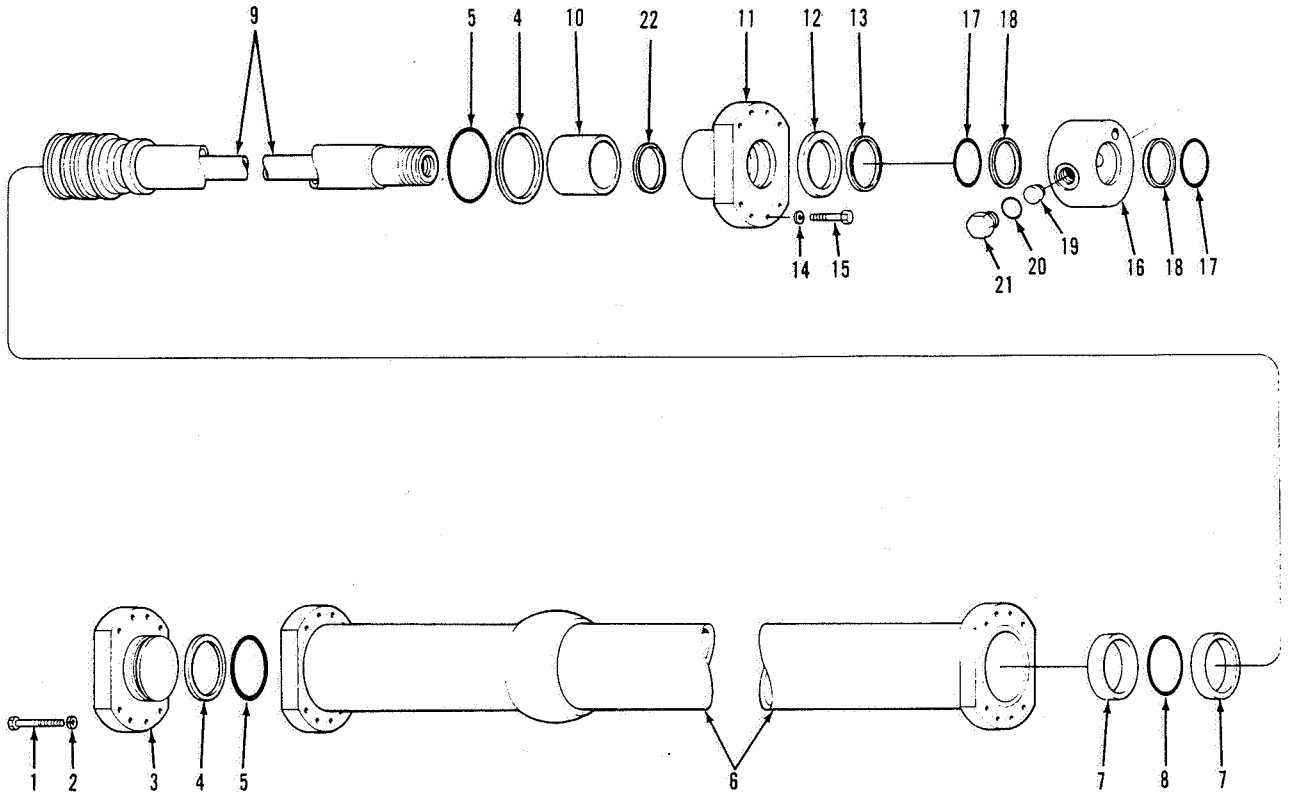
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Item	Part No.	Qty.	Description Of Part
1	7736-1082	1	FOOT PEDAL
2	8825-1029	1	SOCKET HD SHOULDER SCREW, 3/8x3 (5/16-18 THREAD)
3	8343-1013	2	NYLON BEARING
4	8841-1062	4	ROUND HD CARRIAGE BOLT, 3/8-16x1
5	8855-1011	4	LOCK WASHER, 3/8
6	8850-1006	4	HEX NUT, 3/8-16
7	7736-6009	1	VALVE BRACKET
8	8852-1305	1	HEX LOCKNUT, 5/16-18
9	8877-1104	1	CONNECTING LINK
10	8850-1004	2	HEX NUT, 1/4-20
11	8855-1009	2	LOCK WASHER, 1/4
12	8856-1107	2	FLAT WASHER, 1/4
13		Ref	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)
14	8820-1009	2	HEX HD CAPSCREW, 1/4-20x2, GR 5

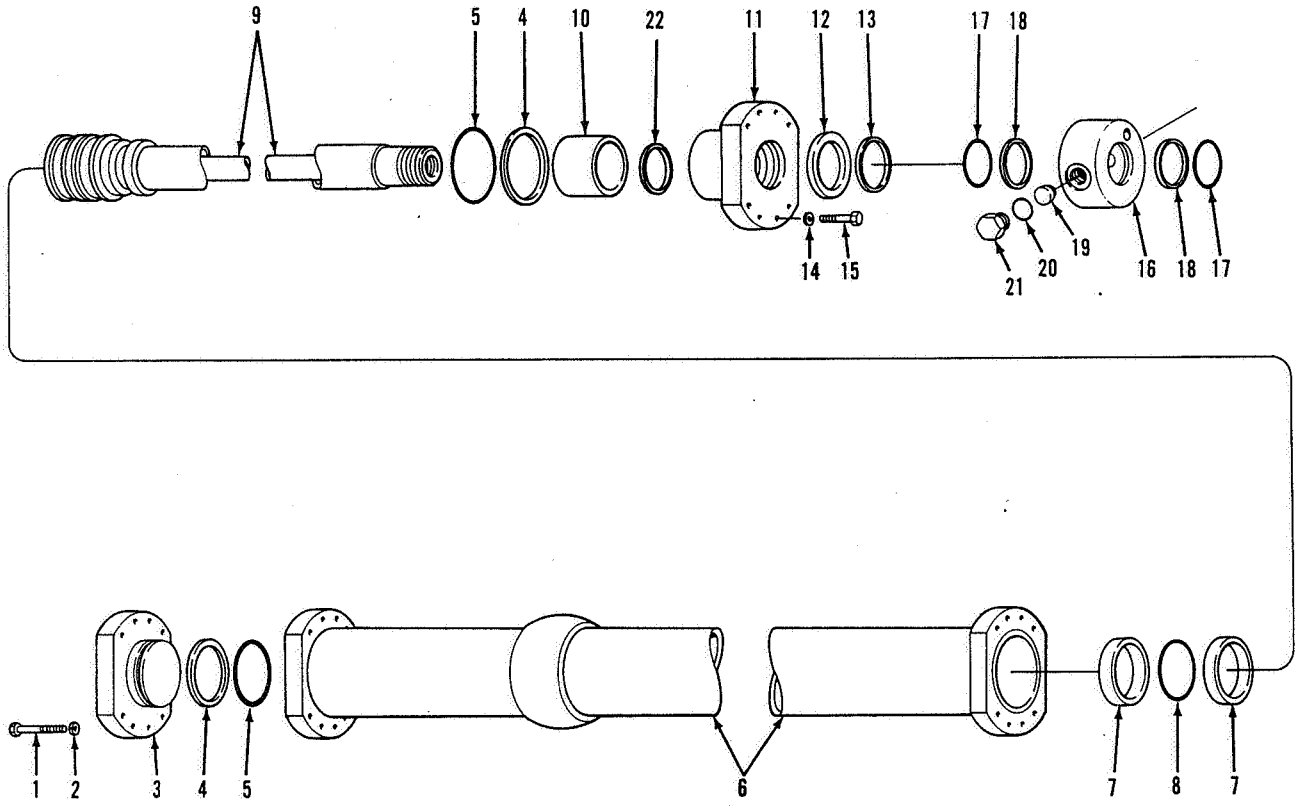
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HYDRAULIC SYSTEM COMPONENTS
Boom Cylinder Assembly
Starting Lot 200
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
	7736-5004	1	BOOM CYLINDER ASSY (includes all items)
	7736-4099	1	REPACK KIT (INCLUDES ITEMS 4, 5, 7, 8, 12, 13, 17, 18, 20, 22)
1	7736-4100	8	HEX HD CAPSCREW
2	8367-4014	8	LOCK WASHER
3	7736-4101	1	END HEAD
4	7736-4102	2	BACK UP RING
5	7736-4103	2	O RING
6	7736-4104	1	CYLINDER ASSY
7	7736-4105	4	BEARING RING
8	7736-4106	1	PISTON SEAL
9	7736-4107	1	PLUNGER ASSY
10	7736-4108	1	BEARING RING
11	7736-4109	1	STUFFING BOX
12	7736-4110	1	ROD SEAL
13	7736-4111	1	WIPER RING
14	7736-4112	8	LOCK WASHER
15	7736-4113	8	HEX HD CAPSCREW
16	7736-4114	1	GLAND
17	7736-4115	2	O RING
18	7736-4116	2	BACK UP RING
19	7736-4117	1	PIN
20	8366-3029	1	O RING
21	7736-4118	1	PLUG (includes Item 20)
22	7736-4154	1	BUFFER SEAL

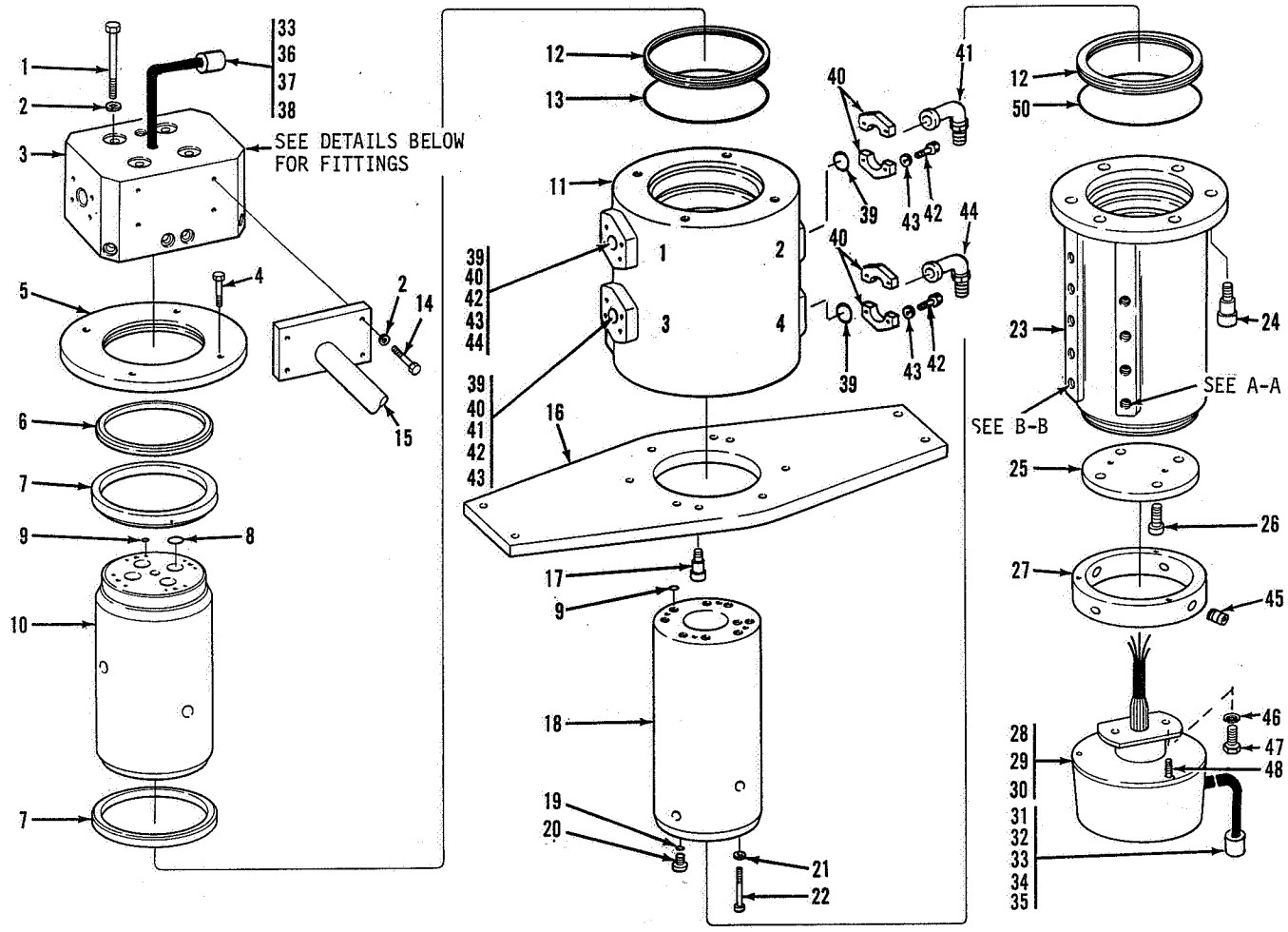
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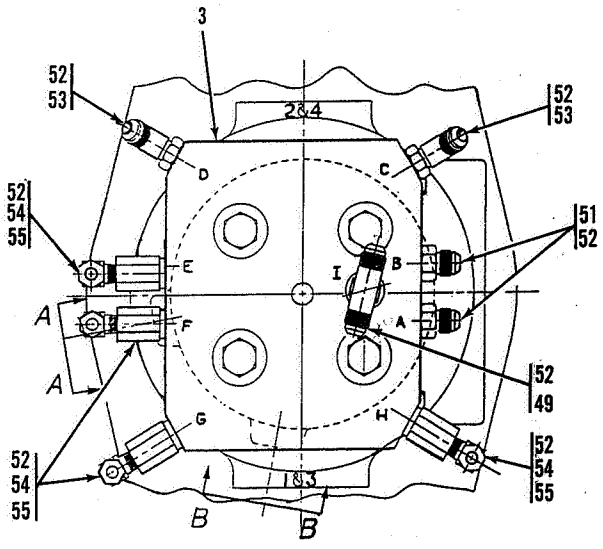


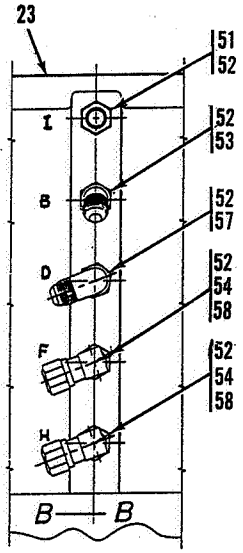
Item	Part No.	Qty.	Description Of Part
	7736-5022	1	BOOM CYLINDER ASSY (includes all items)
	7736-4099	1	REPACK KIT (includes items 4,5 7,8,12,13,17,18,20,22)
1	8320-1120	8	HEX HD CAPSCREW, 1/2-13x1-3/4 GR8
2	8855-1013	8	LOCK WASHER, 1/2
3	7736-1090	1	END HEAD
4	7736-3182	2	BACK UP RING
5	7736-3187	2	O RING
6	7736-6012	1	CYLINDER ASSY
7	7736-3203	2	BEARING RING
8	7736-3184	1	PISTON SEAL
9	7736-6011	1	PLUNGER ASSY
10	7736-3181	1	BEARING RING
11	7736-1089	1	STUFFING BOX
12	7736-3180	1	ROD SEAL
13	7736-3179	1	WIPER RING
14	8855-1015	8	LOCK WASHER, 5/8
15	8320-1121	8	HEX HD CAPSCREW, 5/8-11x2-1/4 GR8
16	7736-1091	1	GLAND
17	7736-3188	2	O RING
18	7736-3185	2	BACK UP RING
19	7736-1092	1	PIN
20	8859-1209	1	O RING
21	8866-2179	1	HEX HD PLUG (includes item 20)
22	7736-3186	1	BUFFER SEAL

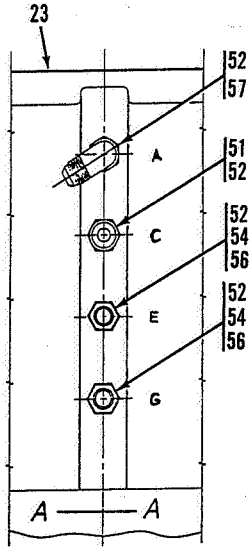
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HYDRAULIC SYSTEM COMPONENTS
Center Pin Assembly
Starting Lot 200
Revised 7-87









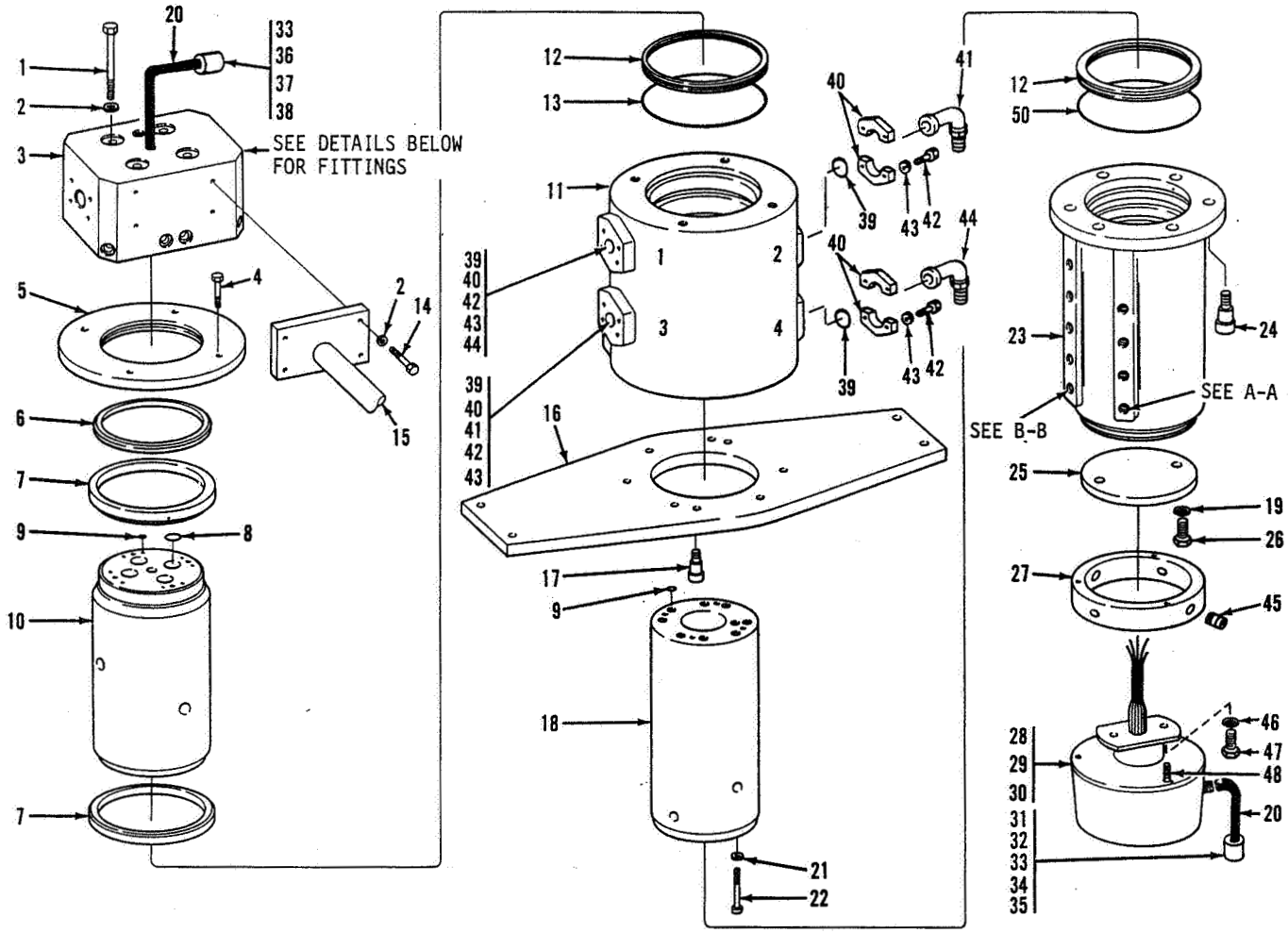
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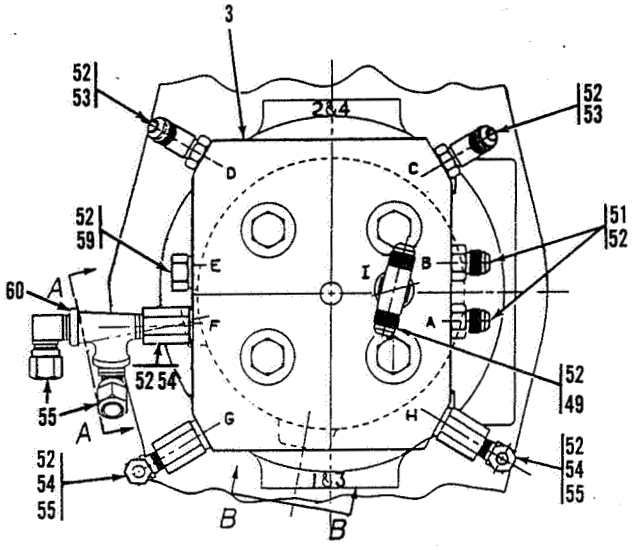
HYDRAULIC SYSTEM COMPONENTS
Center Pin Assembly
Starting Lot 200
Revised 7-87

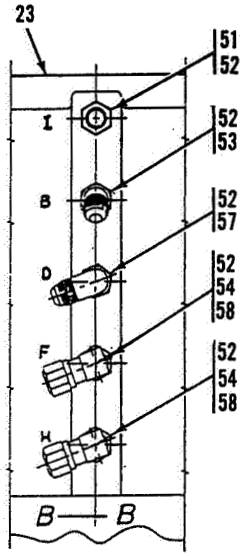
Item	Part No.	Qty.	Description Of Part
	7736-5003	1	CENTER PIN ASSY (includes all items except items 14, 15, and four (4) pieces of item 2)
	7736-5014	1	SERVICE REPAIR KIT (includes items 6, 8, 9, 12, 13, 19)
1	8820-1315	4	HEX HD CAPSCREW, 1/2-13X5, GR 5
2	8855-1013	8	LOCK WASHER, 1/2
3	7736-1017	1	INLET MANIFOLD
4	8320-1019	4	HEX HD CAPSCREW
5	7736-1046	1	BEARING CAP
6	8454-1115	1	WIPER RING
7	7736-1018	2	BEARING (install bearings with their chamfers facing each other)
8	7736-1020	4	O RING
9	8859-1009	18	O RING
10	7736-1011	1	UPPER CENTER PIN
11	7736-1010	1	UPPER CENTER PIN GLAND
12	8454-1054	15	SLIPPER SEAL
13	8859-1128	5	O RING
14	8820-1066	4	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5
15	7736-6005	1	STABILIZER WELDMENT
16	7736-1014	1	MOUNTING PLATE
17	8821-1040	2	SOCKET HD CAPSCREW, 1/4-20X3/4 GR 8
18	7736-1012	1	LOWER CENTER PIN
19	8859-1204	4	O RING
20	8866-2192	4	HEX HD PLUG (includes item 19)
21	8855-1107	4	LOCKWASHER, 3/8
22	8821-1084	4	SOCKET HD CAPSCREW, 3/8-16X5, GR8
23	7736-1013	1	LOWER CENTER PIN GLAND
24	8825-1036	6	SOCKET HD SHOULDER SCREW 1/2X3/4 (3/8-16 THREAD)
25	7736-1019	1	CAP
26	8653-1086	4	FLAT HD SCREW
27	7736-1044	1	ADAPTER
28	7736-3041	1	SLIP RING ASSY (includes items 29 thru 38)
29	7710-4475	4	BRUSH & HOLDER ASSY (PAIR) (YELLOW)(15 AMP)
30	7736-4033	1	BRUSH & HOLDER ASSY (PAIR) (BLACK)(45 AMP)
31	7738-3261	1	CONNECTOR RECEPTACLE
32	7738-3271	1	FACE SEAL
33	7738-3262	2	STRAIN RELIEF
34	7738-3263	2	MALE TERMINAL
35	7738-3036	4	PIN TERMINAL
36	7738-3260	1	CONNECTOR HOUSING
37	7738-3264	2	FEMALE TERMINAL
38	7738-3037	4	SOCKET TERMINAL
39	8366-1304	4	SQUARE RING SEAL
40	8471-1333	8	FLANGE HALF
41	8661-1041	2	ADAPTER, 90 DEGREES
42	8820-1036	16	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
43	8855-1011	16	LOCKWASHER, 3/8
44	8366-1059	2	ADAPTER, 90 DEGREES
45	8822-1800	4	SOCKET SET SCREW, 1/4-20X1/2 (FLAT POINT)
46	8856-1004	2	FLAT WASHER, 3/8
47	8820-1032	2	HEX HD CAPSCREW, 3/8-16X5/8, GR 5
48	8820-1034	3	HEX HD CAPSCREW, 3/8-16X7/8, GR 5
49	8866-2152	1	BRANCH TEE (includes item 52)
50	8859-1126	10	O RING
51	8866-2005	4	CONNECTOR (includes item 52)
52	8859-1204	19	O RING
53	8866-2084	3	ELBOW, 45 DEGREES (includesitem52)
54	8452-1068	8	ADAPTER
55	8367-1138	4	TUBE FITTING, 90 DEGREES
56	8688-3047	2	TUBE FITTING, 3/8
57	8866-2064	3	ELBOW, 90 DEGREES (includes item 52)
58	8688-3046	2	TUBE FITTING, 90 DEGREES

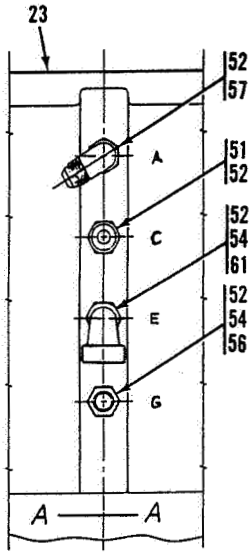
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HYDRAULIC SYSTEM COMPONENTS
Center Pin Assembly
Starting (Machine 2) of Lot 232
Original Issue 5-87
Revised 9-88



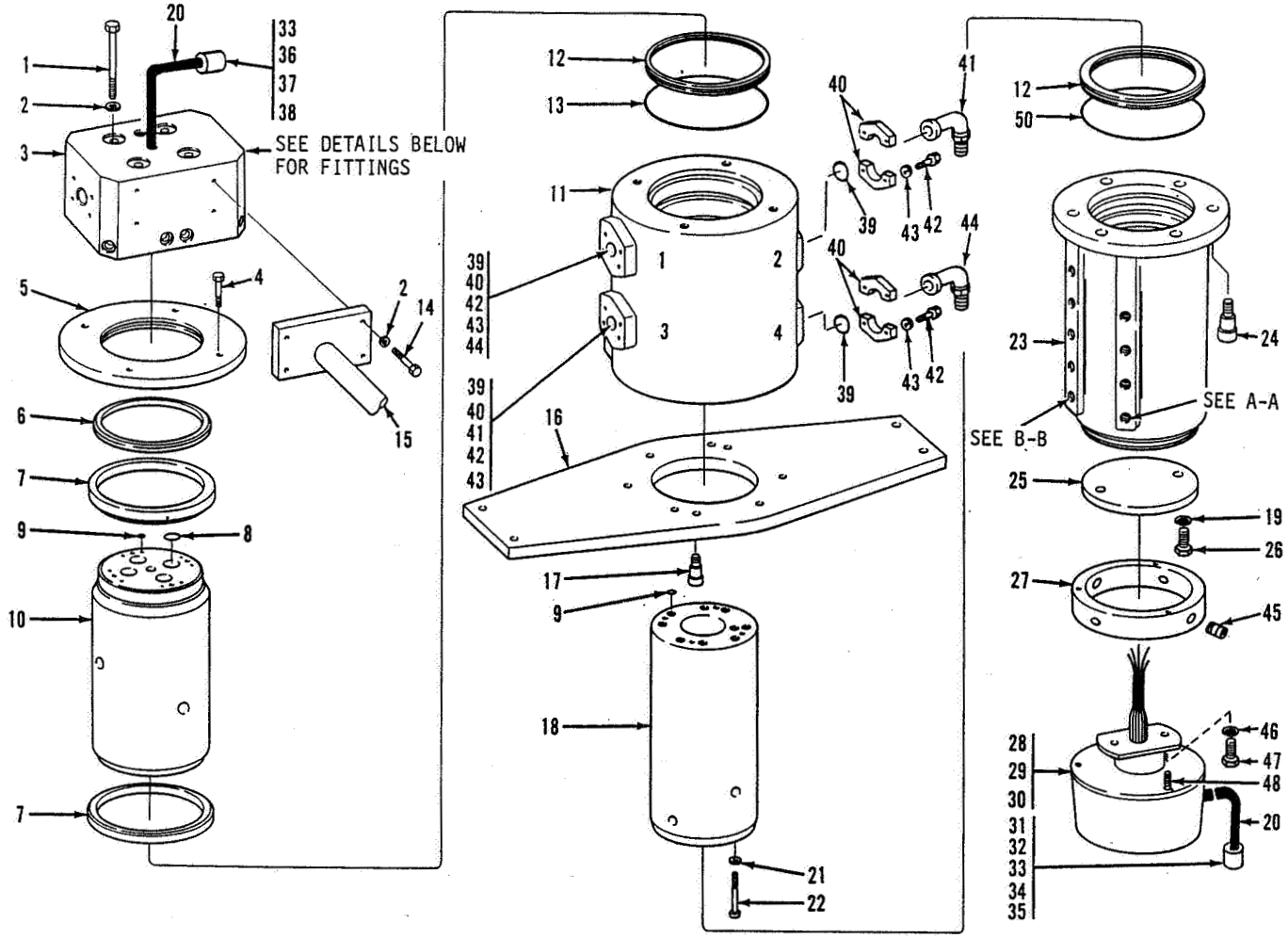


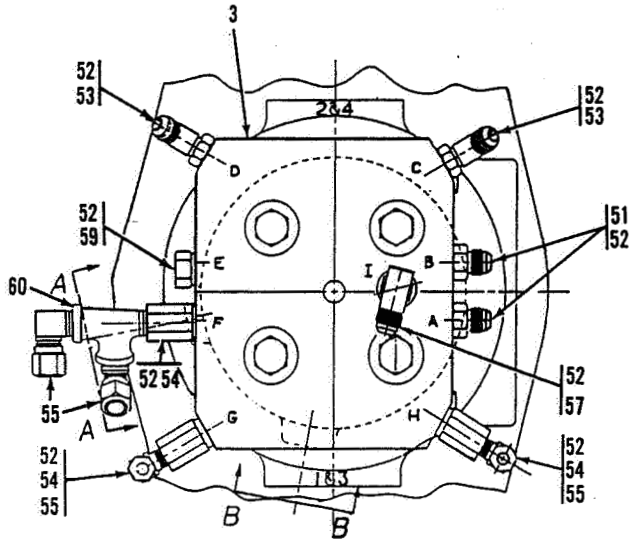


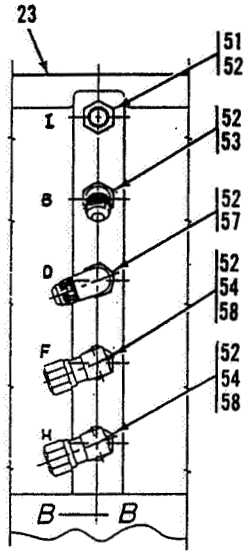


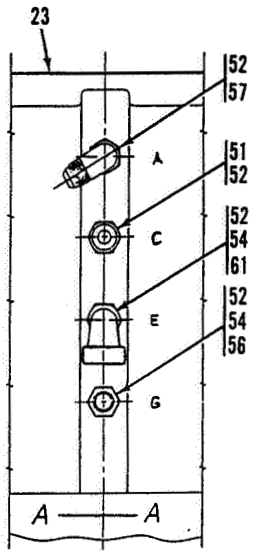
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HYDRAULIC SYSTEM COMPONENTS
Center Pin Assembly
Starting (Machine 4) of Lot 258
Original Issue 6-89









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HYDRAULIC SYSTEM COMPONENTS
Center Pin Assembly
Starting (Machine 2) of Lot 232
Original Issue 5-87
Revised 9-88

Item	Part No.	Qty.	Description Of Part
	7736-5003	1	CENTER PIN ASSY (includes all items except items 14, 15, and four (4) pieces of item 2)
	7736-5014	1	SERVICE REPAIR KIT (includes items 6, 8, 9, 12, 13, 50)
1	8820-1315	4	HEX HD CAPSCREW, 1/2-13X5, GR 5
2	8855-1013	8	LOCK WASHER, 1/2
3	7736-1017	1	INLET MANIFOLD
4	8320-1019	4	HEX HD CAPSCREW
5	7736-1046	1	BEARING CAP
6	8454-1115	1	WIPER RING
7	7736-1018	2	BEARING (install bearings with their chamfers facing each other)
8	7736-1020	4	O RING
9	8859-1009	18	O RING
10	7736-1011	1	UPPER CENTER PIN
11	7736-1010	1	UPPER CENTER PIN GLAND
12	8454-1054	15	SLIPPER SEAL
13	8859-1128	5	O RING
14	8820-1066	4	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5
15	7736-6005	1	STABILIZER WELDMENT
16	7736-1014	1	MOUNTING PLATE
17	8821-1040	2	SOCKET HD CAPSCREW, 1/4-20X3/4 GR 8
18	7736-1085	1	LOWER CENTER PIN
19	8856-1109	2	FLAT WASHER, 3/8
20		AR	LOOM, 1/2 O.D.
21	8855-1107	4	LOCKWASHER, 3/8
22	8821-1084	4	SOCKET HD CAPSCREW, 3/8-16X5, GR8
23	7736-1013	1	LOWER CENTER PIN GLAND
24	8825-1036	6	SOCKET HD SHOULDER SCREW 1/2X3/4 (3/8-16 THREAD)
25	7736-1086	1	CAP
26	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR 5
27	7736-1044	1	ADAPTER
28	7736-3041	1	SLIP RING ASSY (includes items 29 thru 38)
29	7710-4475	4	BRUSH & HOLDER ASSY (PAIR) (YELLOW)(15 AMP)
30	7736-4033	1	BRUSH & HOLDER ASSY (PAIR) (BLACK)(45 AMP)
31	7738-3261	1	CONNECTOR RECEPTACLE
32	7738-3271	1	FACE SEAL
33	7738-3262	2	STRAIN RELIEF
34	7738-3263	2	MALE TERMINAL
35	7738-3036	4	PIN TERMINAL
36	7738-3260	1	CONNECTOR HOUSING
37	7738-3264	2	FEMALE TERMINAL
38	7738-3037	4	SOCKET TERMINAL
39	8366-1304	4	SQUARE RING SEAL
40	8471-1333	8	FLANGE HALF
41	8661-1041	2	ADAPTER, 90 DEGREES
42	8820-1036	16	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
43	8855-1011	16	LOCKWASHER, 3/8
44	8366-1059	2	ADAPTER, 90 DEGREES
45	8822-1800	4	SOCKET SET SCREW, 1/4-20X1/2 (FLAT POINT)
46	8856-1109	2	FLAT WASHER, 3/8
47	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR 5
48	8820-1034	3	HEX HD CAPSCREW, 3/8-16X7/8, GR 5
49	8866-2152	1	BRANCH TEE (includes item 52)
50	8859-1126	10	O RING
51	8866-2005	4	CONNECTOR (includes item 52)
52	8859-1204	18	O RING
53	8866-2084	3	ELBOW, 45 DEGREES (includes item 52)
54	8452-1068	7	ADAPTER
55	8367-1138	4	TUBE FITTING, 90 DEGREES
56	8688-3047	1	TUBE FITTING, 3/8
57	8866-2064	2	ELBOW, 90 DEGREES (includes item 52)
58	8688-3046	2	TUBE FITTING, 90 DEGREES
59	8866-2174	1	HEX HEAD PLUG (includes item 52)
60	8871-2232	1	STREET TEE, 1/4
61	8871-2080	1	STREET ELBOW, 90 DEGREES, 1/4

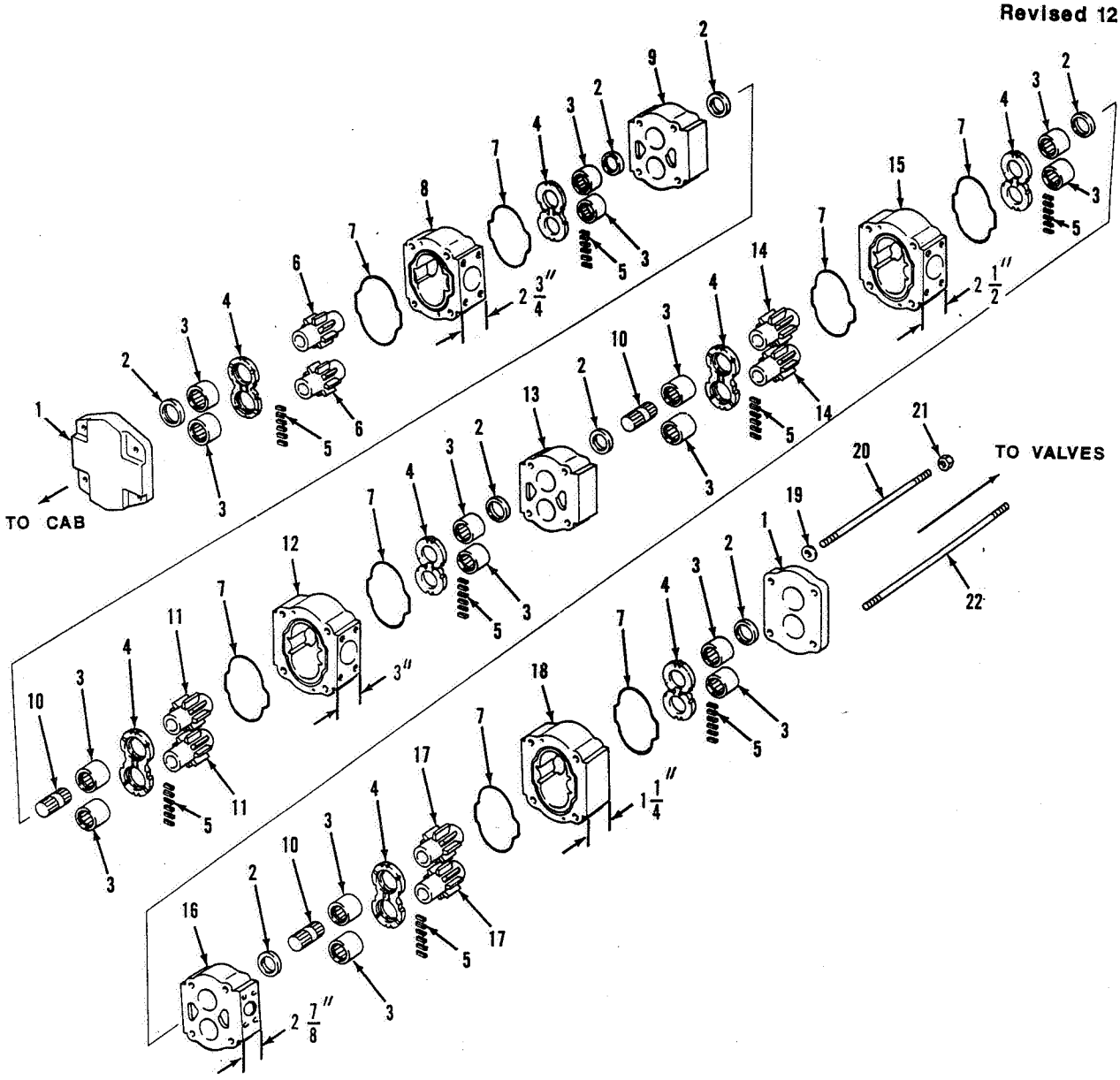
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Item	Part No.	Qty.	Description Of Part
	7736-5003	1	CENTER PIN ASSY (includes all items except items 14, 15, and four (4) pieces of item 2)
	7736-5014	1	SERVICE REPAIR KIT (includes items 6, 8, 9, 12, 13, 50)
1	8820-1315	4	HEX HD CAPSCREW, 1/2-13X5, GR 5
2	8855-1013	8	LOCK WASHER, 1/2
3	7736-1017	1	INLET MANIFOLD
4	8320-1019	4	HEX HD CAPSCREW
5	7736-1046	1	BEARING CAP
6	8454-1115	1	WIPER RING
7	7736-1018	2	BEARING (install bearings with their chamfers facing each other)
8	7736-1020	4	O RING
9	8859-1009	18	O RING
10	7736-1011	1	UPPER CENTER PIN
11	7736-1010	1	UPPER CENTER PIN GLAND
12	8454-1054	15	SLIPPER SEAL
13	8859-1128	5	O RING
14	8820-1066	4	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5
15	7736-6005	1	STABILIZER WELDMENT
16	7736-1014	1	MOUNTING PLATE
17	8821-1040	2	SOCKET HD CAPSCREW, 1/4-20X3/4 GR 8
18	7736-1085	1	LOWER CENTER PIN
19	8856-1109	2	FLAT WASHER, 3/8
20		AR	LOOM, 1/2 O.D.
21	8855-1107	4	LOCKWASHER, 3/8
22	8821-1084	4	SOCKET HD CAPSCREW, 3/8-16X5, GR8
23	7736-1013	1	LOWER CENTER PIN GLAND
24	8825-1036	6	SOCKET HD SHOULDER SCREW 1/2X3/4 (3/8-16 THREAD)
25	7736-1086	1	CAP
26	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR 5
27	7736-1044	1	ADAPTER

Item	Part No.	Qty.	Description Of Part
28	7736-3041	1	SLIP RING ASSY (includes items 29 thru 38)
29	7710-4475	4	BRUSH & HOLDER ASSY (PAIR) (YELLOW)(15 AMP)
30	7736-4033	1	BRUSH & HOLDER ASSY (PAIR) (BLACK)(45 AMP)
31	7738-3261	1	CONNECTOR RECEPTACLE
32	7738-3271	1	FACE SEAL
33	7738-3262	2	STRAIN RELIEF
34	7738-3263	2	MALE TERMINAL
35	7738-3036	4	PIN TERMINAL
36	7738-3260	1	CONNECTOR HOUSING
37	7738-3264	2	FEMALE TERMINAL
38	7738-3037	4	SOCKET TERMINAL
39	8366-1304	4	SQUARE RING SEAL
40	8471-1333	8	FLANGE HALF
41	8661-1041	2	ADAPTER, 90 DEGREES
42	8820-1036	16	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
43	8855-1011	16	LOCKWASHER, 3/8
44	8366-1059	2	ADAPTER, 90 DEGREES
45	8822-1800	4	SOCKET SET SCREW, 1/4-20X1/2 (FLAT POINT)
46	8856-1109	2	FLAT WASHER, 3/8
47	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4, GR 5
48	8820-1034	3	HEX HD CAPSCREW, 3/8-16X7/8, GR 5
50	8859-1126	10	O RING
51	8866-2005	4	CONNECTOR (includes item 52)
52	8859-1204	18	O RING
53	8866-2084	3	ELBOW, 45 DEGREES (includes item 52)
54	8452-1068	7	ADAPTER
55	8367-1138	4	TUBE FITTING, 90 DEGREES
56	8688-3047	1	TUBE FITTING, 3/8
57	8866-2064	3	ELBOW, 90 DEGREES (includes item 52)
58	8688-3046	2	TUBE FITTING, 90 DEGREES
59	8866-2174	1	HEX HEAD PLUG (includes item 52)
60	8871-2232	1	STREET TEE, 1/4
61	8871-2080	1	STREET ELBOW, 90 DEGREES, 1/4

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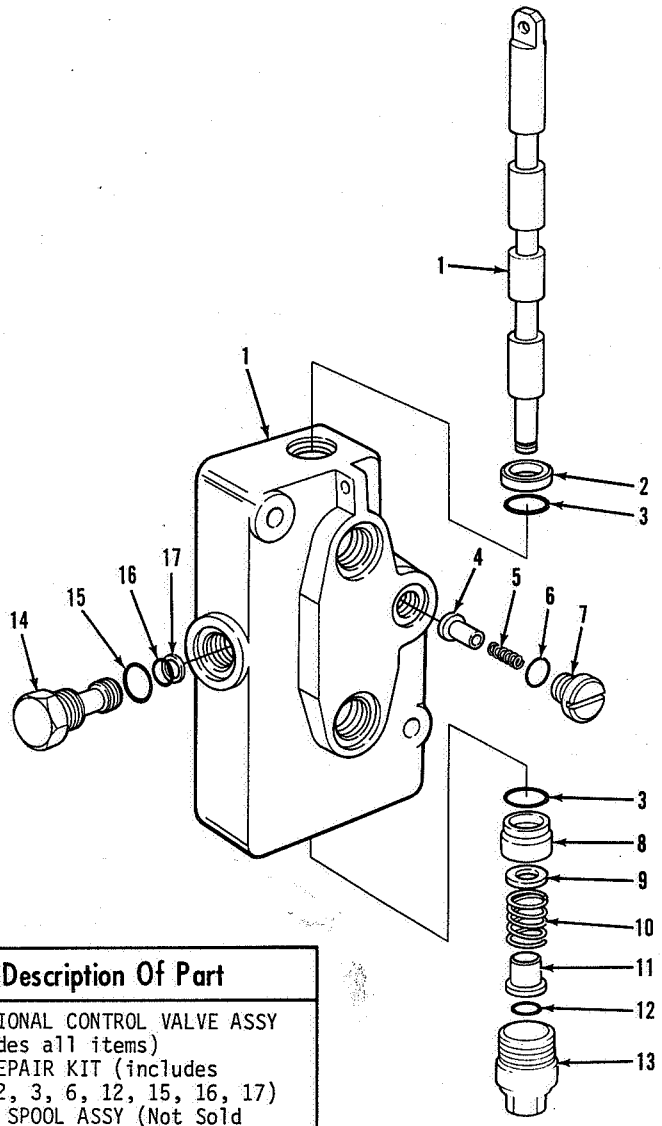
HYDRAULIC SYSTEM COMPONENTS
Flow Divider Assembly
Starting Lot 200
Original Issue 2-85
Revised 12-88



Item	Part No.	Qty.	Description Of Part
	7736-3004	1	FLOW DIVIDER ASSY (includes all items)
1	8664-1048	2	PORT END COVER
2	8664-1047	8	RING SEAL
3	8664-1046	16	ROLLER BEARING
4	8664-1044	8	THRUST PLATE
5	7736-4034	48	POCKET SEAL
6	7736-4035	1	GEAR SET
7	8664-1043	8	GASKET SEAL
8	7736-4036	1	GEAR HOUSING
9	7736-4037	1	BEARING CARRIER
10	8667-1057	3	CONNECTING SHAFT
11	7736-4038	1	GEAR SET

Item	Part No.	Qty.	Description Of Part
12	7736-4039	1	GEAR HOUSING
13	7736-4040	1	BEARING CARRIER
14	8367-1017	1	GEAR SET
15	7736-4041	1	GEAR HOUSING
16	7736-4042	1	BEARING CARRIER
17	7736-4043	1	GEAR SET
18	7736-4044	1	GEAR HOUSING
19	7713-4044	8	FLAT WASHER
20	7736-4045	2	STUD
21	7713-4046	8	HEX NUT
22	7736-4046	2	STUD

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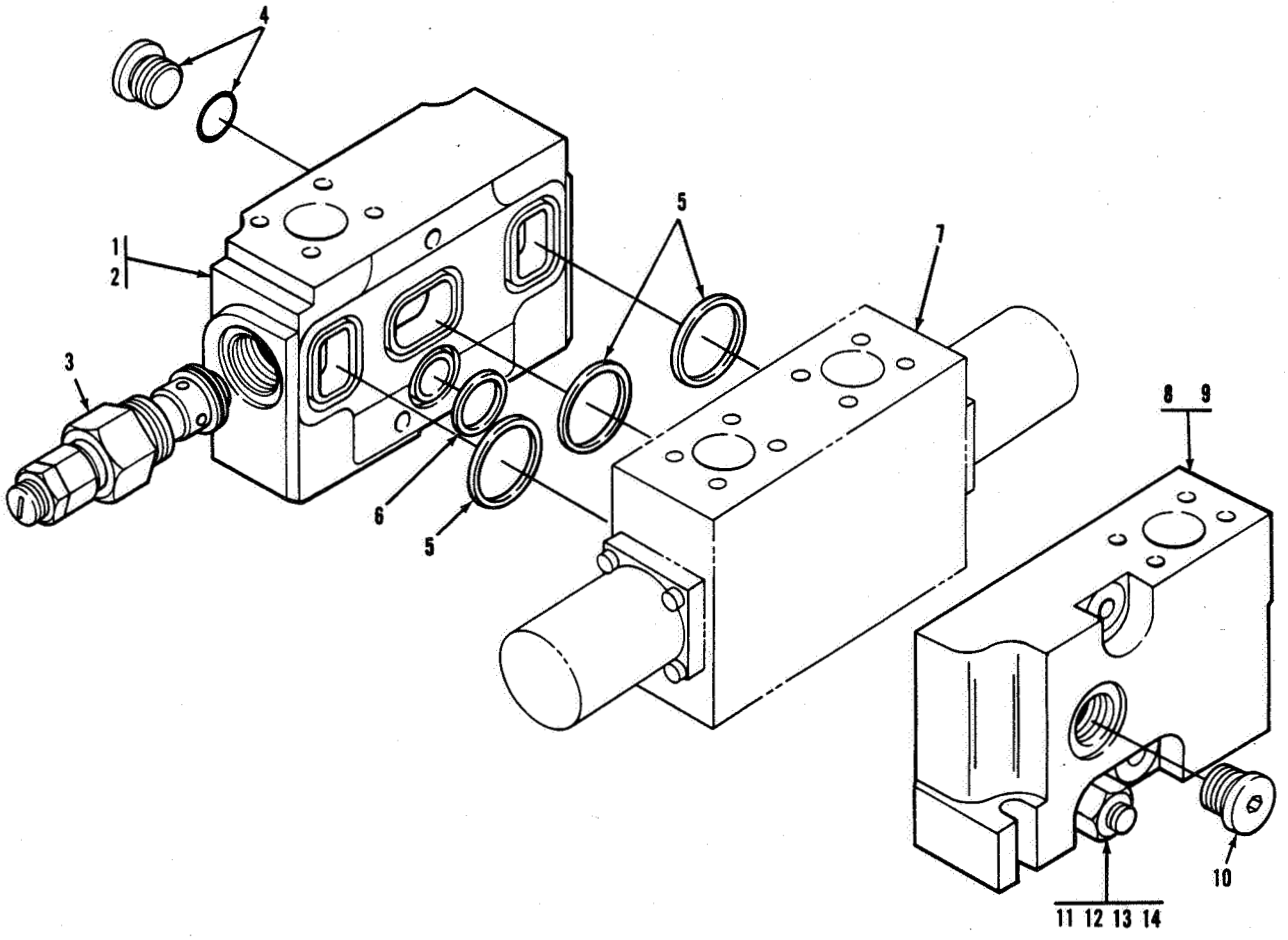


Item	Part No.	Qty.	Description Of Part
	7736-3143	1	DIRECTIONAL CONTROL VALVE ASSY (includes all items)
	7736-4179	1	SEAL REPAIR KIT (includes items 2, 3, 6, 12, 15, 16, 17)
1		1	BODY & SPOOL ASSY (Not Sold Separately, Order P/N 7736-3143)
2		1	WIPER SEAL
3		2	O RING
4	7736-4180	1	PLUNGER
5	7736-4181	1	SPRING
6		1	O RING
7	7736-4182	1	PLUG ASSY (includes item 6)
8	7736-4183	1	BUSHING
9	7736-4184	1	WASHER
10	7736-4185	1	SPRING
11	7736-4186	1	SPACER
12		1	RETAINING RING
13	7736-4187	1	CAP ASSY (lubricate and torque to 20-25 ft. lbs.)
14	7736-4188	1	PLUG ASSY (includes items 15, 16, 17)
15		1	O RING
16		1	O RING
17		1	BACK UP WASHER
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT

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HYDRAULIC COMPONENTS
(7736-3163) Boom Control Valve Assembly

Starting Lot 229
Original Issue 5-87
Revised 12-91

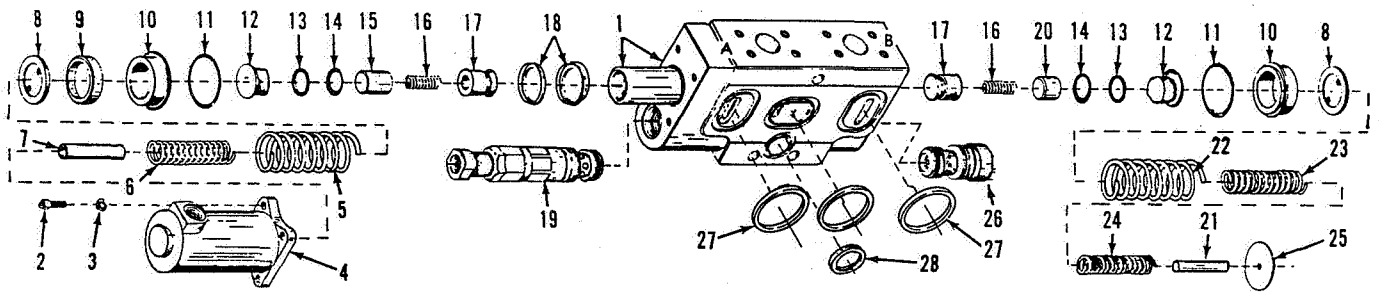


Item	Part No.	Qty.	Description Of Part
	7736-3163	1	BOOM CONTROL VALVE ASSY (includes all items on pages UP4-5 and UP4-6)
	7736-4219	1	RELIEF VALVE SEAL KIT (kit contains back up rings & o-ring for relief valves item 3 on page UP4-5 & items 19 on page UP4-6. Also in the kit are o-rings for plugs item 4 & 10 and o-rings & back up ring for anti-cavitation check valve, item 26 on page UP4-6)
	7736-4220	1	SECTION SEAL KIT (includes items 5 & 6 on page UP4-5 and items 27 & 28 on page UP4-6)
1	7736-4174	1	INLET SECTION ASSY (includes items 2 thru 6)
2		1	INLET HOUSING
3	7736-4221	1	RELIEF VALVE ASSY (2100 PSI)(use 8366-4237 seal kit)

Item	Part No.	Qty.	Description Of Part
4		1	PLUG
5		3	SQUARE SECTION SEAL
6		1	SQUARE SECTION SEAL
7		Ref	BOOM VALVE SECTION ASSY (see page UP4-6 for details)
8	8366-1283	1	OUTLET SECTION ASSY
9	8366-4041	1	OUTLET HOUSING
10		1	PLUG
11	7736-4222	3	STUD ASSY (includes items 12, 13, 14)
12		3	STUD
13	8366-4044	6	FLAT WASHER
14	8367-4015	6	HEX NUT (lubricate & torque to 900 in.lbs.)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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HYDRAULIC SYSTEM COMPONENTS
Boom Valve Section Components
Starting Lot 229
Original Issue 4-87



NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

Item	Part No.	Qty.	Description Of Part
	7736-4122	1	BOOM VALVE SECTION ASSY (includes all items)
	8366-4050	1	SEAL & SPRING KIT (includes items 5, 6, 11, 13, 14, 16, 18 22,23,24)
1		1	HOUSING & SPOOL ASSY (Not Sold Separately, Order P/N 7736-4122)
2		8	CAP SCREW
3		8	LOCK WASHER
4	8366-4051	2	END CAP
5		1	OUTER SPRING
6		1	INNER SPRING
7		1	STROKE SLEEVE
8		2	SPRING RETAINER PLATE
9		1	SPACER
10		2	SEAL RETAINER
11		1	O RING
12		2	STRIPPER BOLT

Item	Part No.	Qty.	Description Of Part
13		2	O RING
14		2	BACK UP RING
15		1	SPACER (A PORT END)
16		2	CHECK SPRING
17		2	CHECK POPPET
18		4	BACK UP RING
19	7736-4123	1	RELIEF VALVE ASSY (1200 PSI) (Barrel End)
20		1	SPACER (B PORT END)
21		1	STROKE LIMITER
22		1	OUTER SPRING
23		1	INTERMEDIATE SPRING
24		1	INNER SPRING
25		1	SPRING RETAINER
26	8366-4089	1	ANTI-CAVITATION CHECK
27		3	SQUARE SECTION SEAL
28		1	SQUARE SECTION SEAL
			NOTE: ITEMS 27 AND 28 ARE INCLUDED IN SECTION SEAL KIT. SEE PAGE UP4-5.

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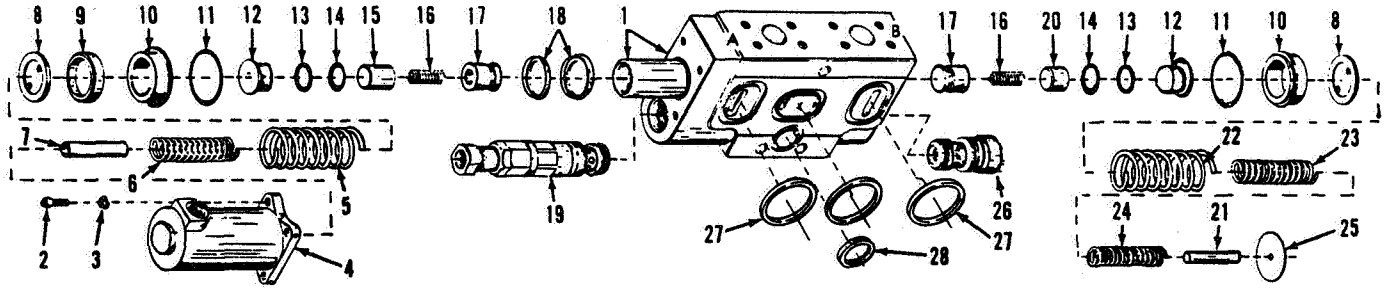
HYDRAULIC SYSTEM COMPONENTS

(8366-1279) Boom Valve Section Assembly

Starting Serial No. 0137267
Original Issue 2-90
Revised 12-91

NOTE: P/N 7736-4122 BOOM VALVE SECTION IS NO LONGER AVAILABLE FOR THE P/N 7736-3163 BOOM CONTROL VALVE ASSEMBLY (SEE PAGE UP4-5, STARTING S/N 0137267, ORIGINAL ISSUE 2-90.) PLEASE REMOVE AND DESTROY PAGE UP4-6 STARTING S/N 0137267, ORIGINAL ISSUE 2-90, SHOWING P/N 7736-4122 BOOM VALVE SECTION ASSEMBLY.

INSERT PAGE UP4-6 STARTING S/N 0137267, ORIGINAL ISSUE 2-90, REVISED 8-91 SHOWING P/N 8366-1279 BOOM VALVE SECTION ASSEMBLY.

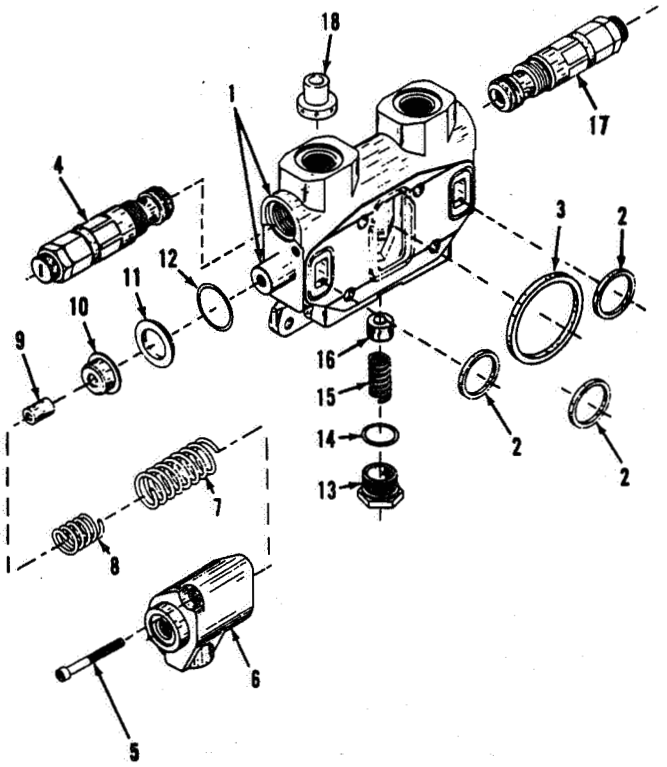


Item	Part No.	Qty.	Description Of Part
	8366-1279	1	BOOM VALVE SECTION ASSY (includes all items)
	8366-4050	1	SEAL & SPRING KIT (includes items 5, 6, 11, 13, 14, 16, 18, 22, 23 & 24)
1		1	HOUSING & SPOOL ASSY (not sold separately)(order P/N 8366-1279)
2	8366-4155	8	CAPSCREW
3	8366-4156	8	LOCKWASHER
4	8366-4051	2	END CAP
5	8366-4180	1	OUTER SPRING
6	8366-4181	1	INNER SPRING
7	8366-4182	1	STROKE SLEEVE
8	8366-4183	2	SPRING RETAINER PLATE
9	8366-4184	1	SPACER
10	8366-4161	2	SEAL RETAINER
11	8366-4162	2	O-RING
12	8366-4163	2	STRIPPER BOLT
13	8366-4136	2	O-RING
14	8366-4164	2	BACK-UP RING

Item	Part No.	Qty.	Description Of Part
15	8366-4185	1	SPACER ("A" port end)
16	8366-4186	2	CHECK SPRING
17	8366-4187	2	CHECK POPPET
18	8366-4165	4	BACK-UP RING
19	7736-4123	1	RELIEF VALVE ASSY (1200 PSI)(use 8366-4234 seal kit)
20	8366-4188	1	SPACER ("B" port end)
21	8366-4189	1	STROKE LIMITER
22	8366-4190	1	OUTER SPRING
23	8366-4191	1	INTERMEDIATE SPRING
24	8366-4192	1	INNER SPRING
25	8366-4193	1	SPRING RETAINER
26	8366-4089	1	ANTI-CAVITATION CHECK
27	7736-4249	3	SQUARE SECTION SEAL
28	8366-4167	1	SQUARE SECTION SEAL
			NOTE: ITEMS 27 & 28 ARE INCLUDED IN SECTION SEAL KIT. SEE PAGE UP4-5.

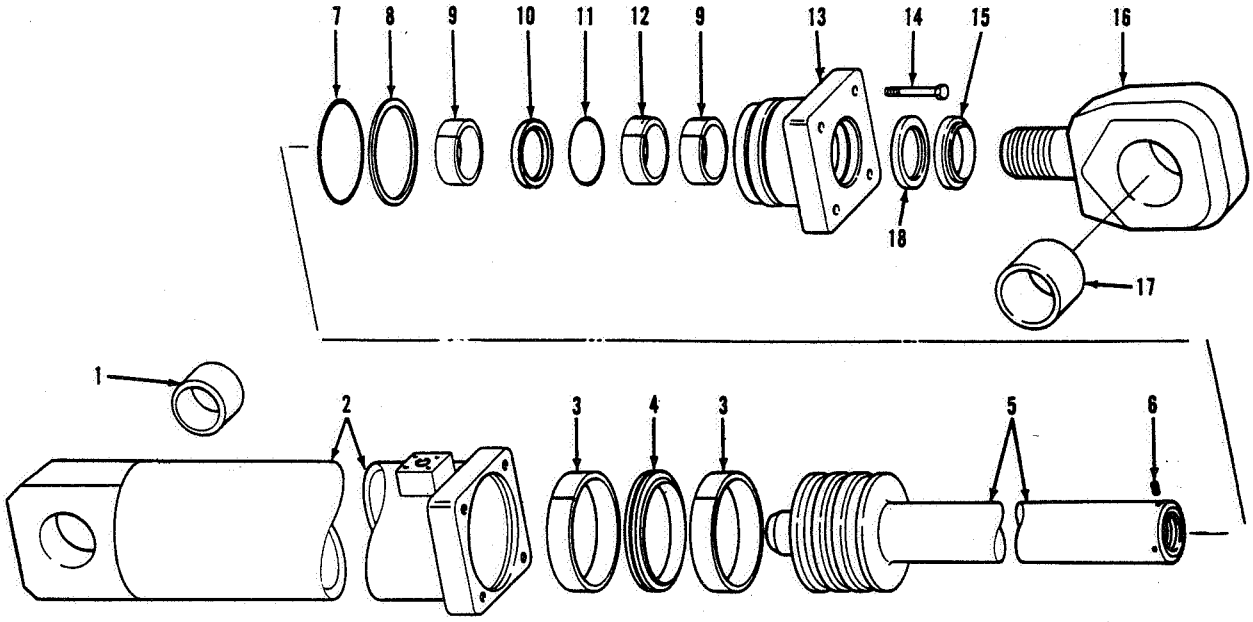
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HYDRAULIC SYSTEM COMPONENTS
(7736-4206) Hoist Valve Section Components
Starting Lot 229
Original Issue 5-87
Revised 12-91



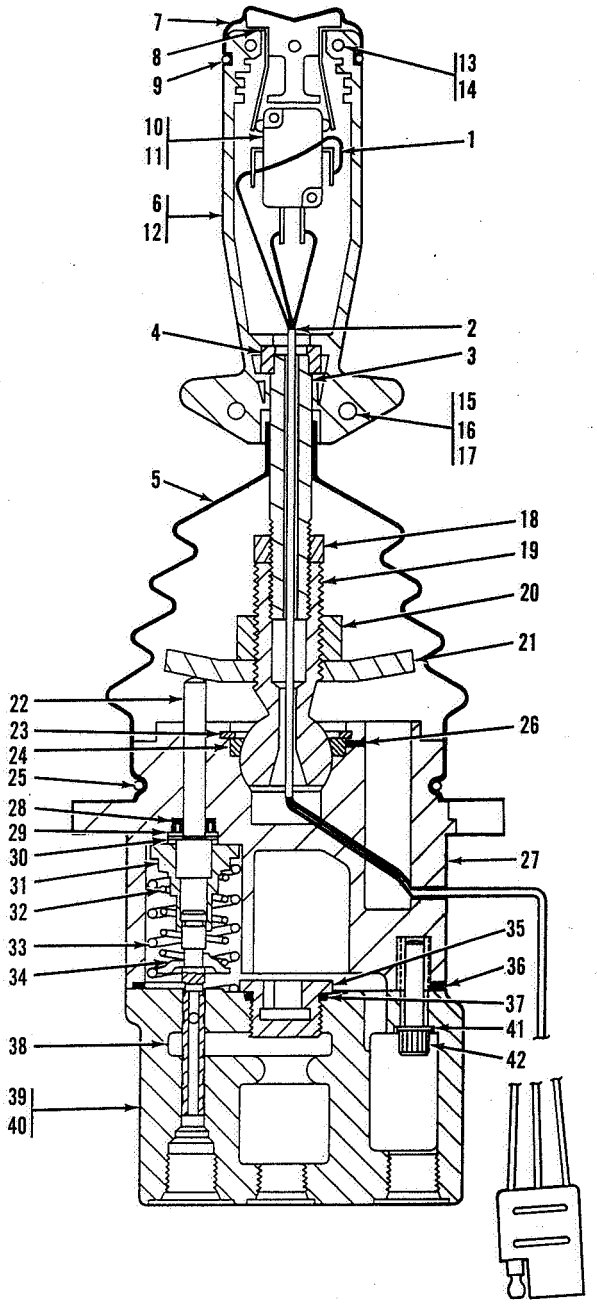
Item	Part No.	Qty.	Description Of Part
	7736-4206		HOIST VALVE SECTION ASSY (includes all items)
	7736-4207	1	SEAL & SPRING KIT (includes items 7, 8, 12, 14 & 15)
1		1	VALVE HOUSING & SPOOL ASSY (not sold separately, order P/N 7736-4206)
2	7736-4248	3	SQUARE SECTION SEAL
3	7736-4249	1	SQUARE SECTION SEAL
4	7736-4208	1	RELIEF VALVE ASSY (2800 PSI)(use 8366-4236 seal kit)
5	8364-4144	4	CAPSCREW (lubricate & torque to 175 in.lbs.)
6	8366-4057	3	END CAP
7	7736-4255	2	OUTER SPRING
8	7736-4256	2	INNER SPRING
9	8366-4147	2	STROKE SLEEVE
10	8366-4148	2	SPRING GUIDE
11	8366-4149	2	RETAINING PLATE
12	8366-4150	2	O-RING
13	8366-4151	1	CHECK CAP
14	8366-3044	1	O-RING
15	8366-4152	1	SPRING
16	8366-4153	1	CHECK POPPET
17	7736-4209	1	RELIEF VALVE ASSY (900 PSI)(use 8366-4236 seal kit)
18	7736-4257	1	RESTRICTION CHECK 5/16 DIAMETER
			NOTE: ITEMS 2 & 3 ARE INCLUDED IN SECTION SEAL KIT. SEE PAGE UP4-14.

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Item	Part No.	Qty.	Description Of Part
	7736-5002	1	HOIST CYLINDER ASSY (includes all items)
	7736-5011	1	REPACK KIT (includes items 3, 4, 7, 8, 9, 10, 11, 12, 15, 18)
1	7713-3004	1	BUSHING
2	7736-6003	1	CYLINDER
3	7713-3016	2	WEAR RING
4	8503-1520	1	PISTON SEAL
5	7736-6004	1	CYLINDER ROD
6	8822-1386	2	SOCKET SET SCREW, CUP POINT 3/8-16X1/2
7	8859-1134	1	O RING
8	2409-1173	1	BACK UP RING
9	7713-3020	2	WEAR RING
10	7736-3124	1	BUFFER SEAL ASSY (includes item 11)
11	8859-1042	1	O RING
12	7736-3125	1	WEAR RING
13	7736-1075	1	CYLINDER HEAD
14	8320-1053	4	HEX HD CAPSCREW (LUBRICATE AND TORQUE TO 795-855 FT.LBS.)
15	8362-3003	1	WIPER
16	7713-1148	1	HOIST ROD EYE ASSY (includes item 17)
17	7713-3003	1	BUSHING
18	7736-3123	1	ROD SEAL

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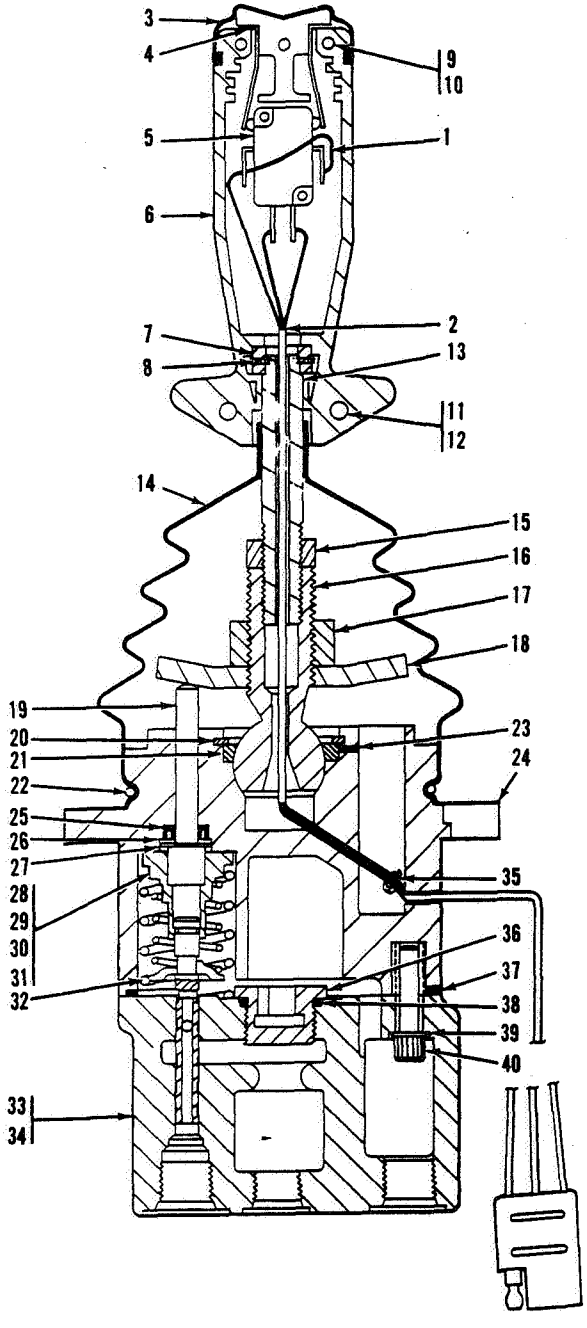


Item	Part No.	Qty.	Description Of Part
	7736-3166	1	JOY STICK ASSY, HOIST & TOOL (includes all items except as noted in item 32)
	7736-3077	1	JOY STICK ASSY, BOOM & SWING (includes all items except as noted in item 32)
	7736-4152	1	HANDLE ASSY (inlcudes items 1 thru 17)
1		1	WIRE, SINGLE CONDUCTOR, 2" LONG RED

Item	Part No.	Qty.	Description Of Part
2		1	WIRE, THREE CONDUCTOR, 40" LONG (BLACK, RED, WHITE)
3		1	VALVE LEVER
4		1	RETAINER SLEEVE
5	7736-4145	1	BOOT
6		1	HANDLE SUB-ASSY (includes items 7 thru 17)
7	7713-4200	1	SEALING CAP
8		1	ROCKER
9	7713-4201	1	LOCK RING
10	7736-4147	2	SWITCH
11		2	SPACER
12		2	HANDLE SECTION
13		2	MACHINE SCREW
14		2	HEX NUT
15		2	MACHINE SCREW
16		2	HEX NUT
17		2	WASHER
18		1	JAM NUT
19		1	U JOINT
20		1	JAM NUT
21		1	PUSH PLATE
22		4	NEEDLE ROLLER
23		1	RETAINING RING
24		1	BALL JOINT RETAINER
25		1	O RING
26		1	ANTI-ROTATION PIN
27		1	HOUSING
28	7736-4148	4	WIPER SEAL
29	7736-4149	4	SEAL RETAINER
30	7736-4153	4	INTERNAL STOP RING
31		4	SPRING RETAINER
32		2	MAIN SPRING (Used on 7736-3166 JOY STICK, PORTS B1 & B2) (SPRING LENGTH 1.11")
		1	MAIN SPRING (Used on 7736-3166 JOY STICK PORT A-1) (SPRING LENGTH 1.30")
		1	MAIN SPRING (Used on 7736-3166 JOY STICK PORT A-2) (SPRING LENGTH 1.17")
		4	MAIN SPRING (Used on 7736-3077 JOY STICK ALL PORTS) (SPRING LENGTH 2.1")
33		4	RETURN SPRING (SPRING LENGTH 1.1")
34		4	SPRING RETAINER
35		1	PLUG
36	7736-4150	1	FACE SEAL
37	7736-4151	1	O RING
38		4	REMOTE SPOOL
39		1	PRESSURE BODY
40		2	DOWEL PIN
41		4	WASHER
42		4	SOCKET HD CAPSCREW (lubricate and torque to 72 in. lbs.)
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT
			NOTE: QUANTITIES SHOWN ARE FOR ONE JOY STICK ASSEMBLY

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HYDRAULIC SYSTEM COMPONENTS
(7736-3219) & (7736-3220) Joy Stick Assembly
Starting (Machine 4) of Lot 258
Original Issue 7-89
Revised 2-93



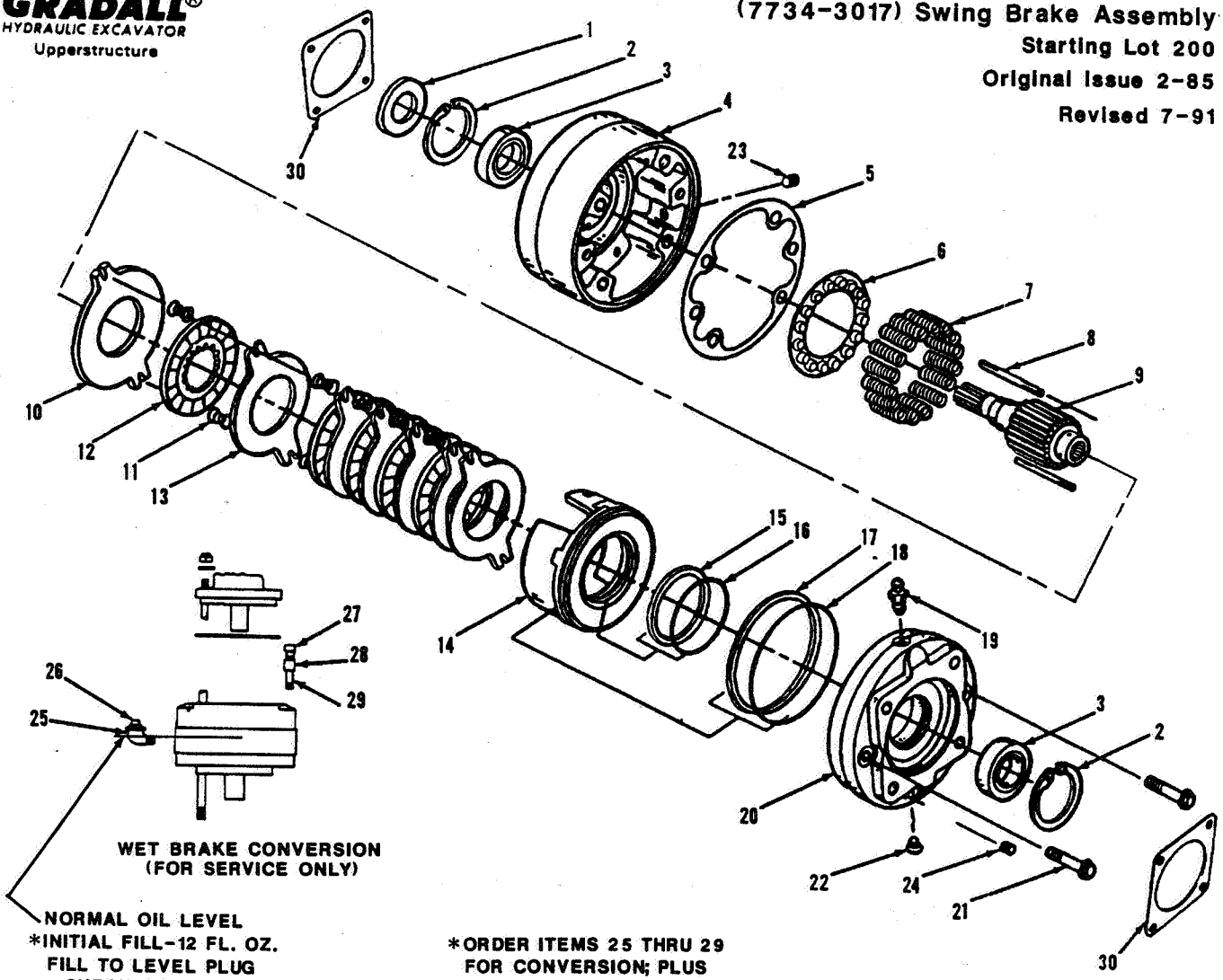
Item	Part No.	Qty.	Description Of Part
	7736-3219	1	JOYSTICK ASSY, HOIST & TOOL (includes all items except as noted in items 28 thru 31)
	7736-3220	1	JOYSTICK ASSY, BOOM & SWING (includes all items except as noted in items 28 thru 31)
	7736-4152	1	HANDLE ASSY (includes items 1 thru 14)
	7736-4258	1	HANDLE SUB-ASSY (includes items 1 thru 12)

Item	Part No.	Qty.	Description Of Part
1		1	WIRE, SINGLE CONDUCTOR, 2" LONG
2	7736-4259	AR	WIRE, THREE CONDUCTOR, 40" LONG (green, brown, white)
3	7736-4146	1	BOOT
4	7736-4260	1	ROCKER
5	7736-4147	2	SWITCH
6	7736-4253	2	HANDLE SECTION
7	7736-4261	1	RETAINER SLEEVE
8	7736-4262	2	SET SCREW
9	7736-4263	2	MACHINE SCREW, 4-48X1/2
10	7736-4264	2	HEX NUT, M3X0.5
11	7738-4265	2	MACHINE SCREW, 8-32X5/8
12	7736-4266	2	HEX NUT M4X0.7
13	7736-4267	1	VALVE LEVER
14	7736-4268	1	BOOT
15	7736-4269	1	JAM NUT, M12X1.5
16	7736-4270	1	U-JOINT
17	7736-4271	1	JAM NUT, M12X1.5
18	7736-4272	1	PUSH PLATE
19	7736-4273	4	NEEDLE ROLLER
20	7736-4274	1	RETAINING RING
21	7736-4275	1	BALL JOINT RETAINER
22	7736-4276	1	TIE WRAP
23	7736-4277	1	ANTI-ROTATION PIN
24	7736-4278	1	HOUSING
25	7736-4148	4	WIPER SEAL
26	7736-4149	4	SEAL RETAINER
27	7736-4153	4	INTERNAL STOP RING
28	7736-4279	1	SPOOL SUB-ASSY, PORT A1 (used on 7736-3219 joystick)
	7736-4280	1	SPOOL SUB-ASSY, PORT A1 (used on 7736-3220 joystick)
29	7736-4281	1	SPOOL SUB-ASSY, PORT A2 (used on 7736-3219 joystick)
	7736-4280	1	SPOOL SUB-ASSY, PORT A2 (used on 7736-3220 joystick)
30	7736-4280	1	SPOOL SUB-ASSY, PORT B1 (used on 7736-3219 joystick)
	7736-4280	1	SPOOL SUB-ASSY, PORT B1 (used on 7736-3220 joystick)
31	7736-4280	1	SPOOL SUB-ASSY, PORT B2 (used on 7736-3219 joystick)
	7736-4280	1	SPOOL SUB-ASSY, PORT B2 (used on 7736-3220 joystick)
32	7736-4282	4	RETURN SPRING
33	7736-4283	1	PRESSURE BODY
34	7736-4284	2	DOWEL PIN
35	7736-4285	1	TIE WRAP
36	8697-4084	1	PLUG
37	7736-4150	1	FACE SEAL
38	7736-4151	1	O-RING
39	7736-4286	4	LOCKWASHER
40	7736-4287	4	SOCKET HD CAPSCREW (lubricate & torque to 50 in.lbs.)
			NOTE: QUANTITIES SHOWN ARE FOR ONE JOYSTICK ASSEMBLY.

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HYDRAULIC SYSTEM COMPONENTS
(7734-3017) Swing Brake Assembly

Starting Lot 200
Original Issue 2-85
Revised 7-91



WET BRAKE CONVERSION
(FOR SERVICE ONLY)

NORMAL OIL LEVEL
*INITIAL FILL-12 FL. OZ.
FILL TO LEVEL PLUG
CHECK MONTHLY

(USE HYDRAULIC SYSTEM OIL)

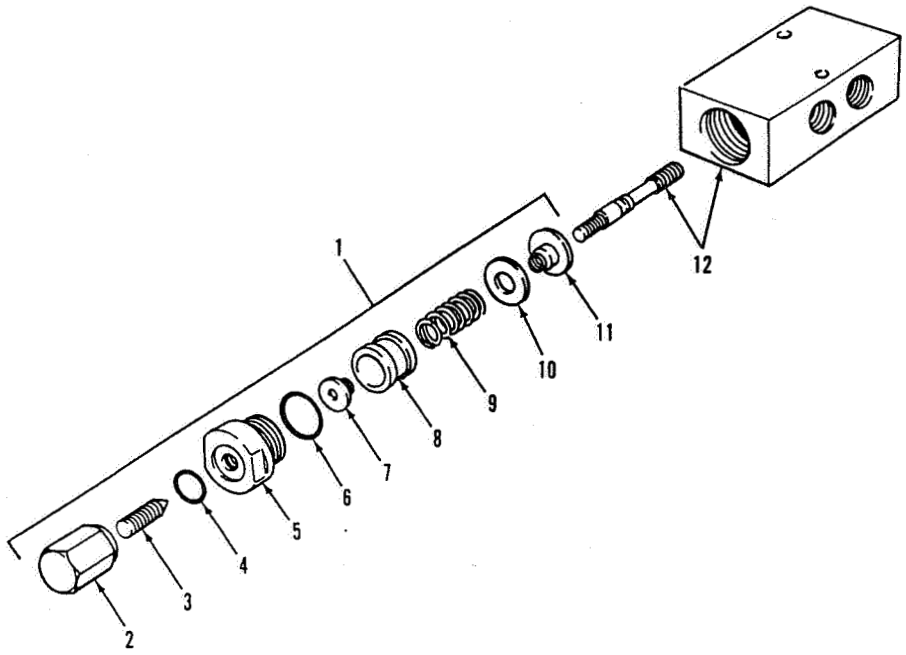
*ORDER ITEMS 25 THRU 29
FOR CONVERSION; PLUS
4 EACH OF GRADALL P/N's
8364-1853 STUD &
8540-3085 NUT

Item	Part No.	Qty.	Description Of Part
	7734-3017	1	SWING BRAKE ASSY (includes items 1 thru 24)
	7734-4020	1	GASKET KIT (includes item 30)
	7734-4021	1	BEARING KIT (includes items 1, 2 & 3)
	7734-4022	1	O-RING KIT (includes items 5, 15, 16, 17 & 18)
	7734-4023	1	STACK KIT (includes items 7, 8, 10, 11, 12 & 13)
1	7734-4044	1	OIL SEAL
2	8669-1290	2	RETAINING RING
3	7734-4043	2	BALL BEARING
4	7734-4024	1	HOUSING
5		1	GASKET
6	7734-4026	1	SPRING RETAINER
7	7713-4212	16	COMPRESSION SPRING
8		2	TORQUE PIN
9	7734-4027	1	SPLINED SHAFT
10		1	PRIMARY DISC
11	8669-1296	6	COMPRESSION SPRING
12		3	ROTATING DISC
13		4	STATIONARY DISC

Item	Part No.	Qty.	Description Of Part
14	7734-4028	1	PISTON
15	7713-4073	1	BACK-UP RING
16	7713-4074	1	O-RING
17		1	BACK-UP RING
18		1	O-RING
19	8669-3001	1	BLEEDER SCREW
20	7734-4029	1	POWER PLATE
21	8344-1316	2	HEX FLANGE SCREW
22		1	PLUG
23	7734-4025	1	HEX SOCKET PLUG
24	7734-4030	1	HEX SOCKET PLUG
25	8871-1101	1	STREET ELBOW, 90 DEGREES, 1/4
26	8871-1251	1	SQUARE HEAD PIPE PLUG, 1/4
27	8407-1251	1	VENT, 1/8
28	8871-1210	1	PIPE COUPLING, 1/8
29	8870-1020	1	NIPPLE, 1/8X1-1/2
30		2	GASKET
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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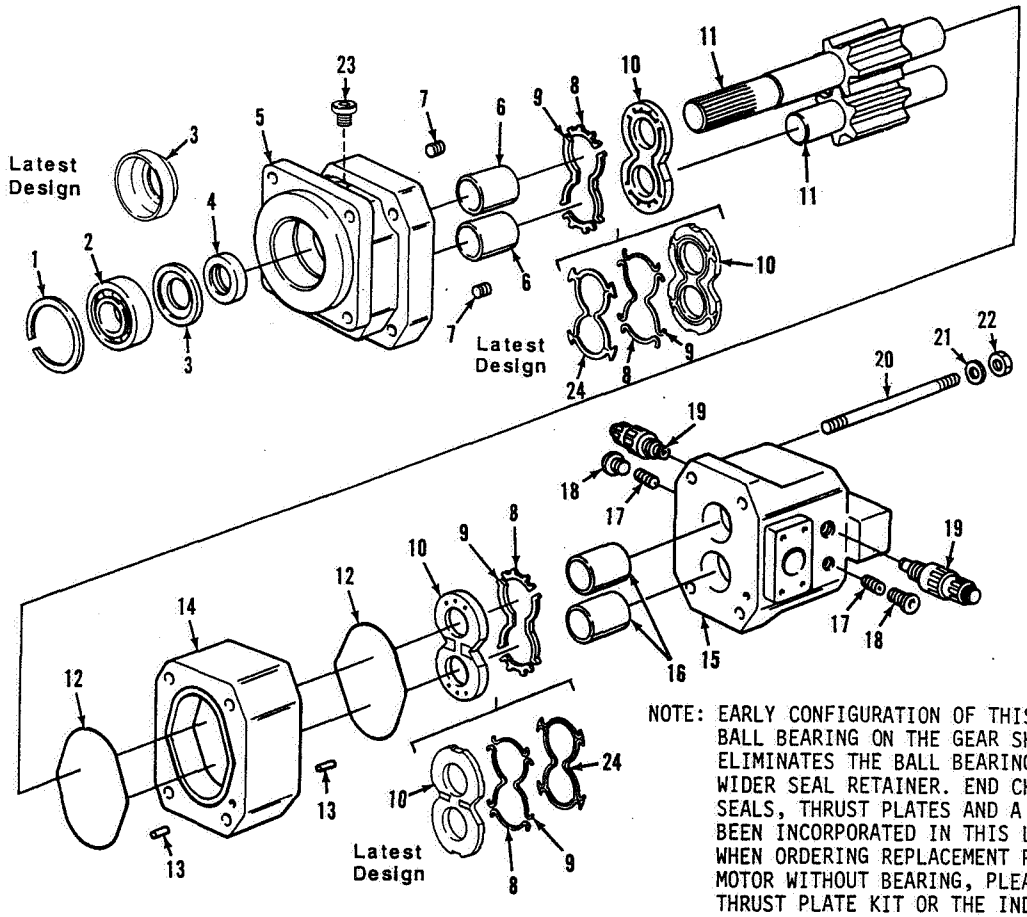
HYDRAULIC SYSTEM COMPONENTS
Swing Brake Valve Assembly
Starting Lot 200
Original Issue 2-85
Revised 9-88



Item	Part No.	Qty.	Description Of Part
	7736-3129	1	SWING BRAKE VALVE ASSY (includes all items)
1	7713-4096	1	ADJUSTING SCREW ASSY (includes items 2 thru 8,10,11)
2		1	SEALING CAP
3	7713-4097	1	ADJUSTING SCREW
4	7713-4098	1	O RING
5		1	SCREW CAP
6	7713-4099	1	O RING
7		1	GUIDE WASHER
8		1	BUSHING
9	7713-4100	1	SPRING
10		1	DAMPING WASHER
11		1	GUIDE WASHER
12		1	VALVE & STEM ASSY
			NOTE: ONLY PART NUMBERED ITEMS ARE AVAILABLE FOR SERVICE REPLACEMENT.

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HYDRAULIC SYSTEM COMPONENTS
Swing Motor Assembly
Starting Lot 200
Original Issue 2-85
Revised 1-90



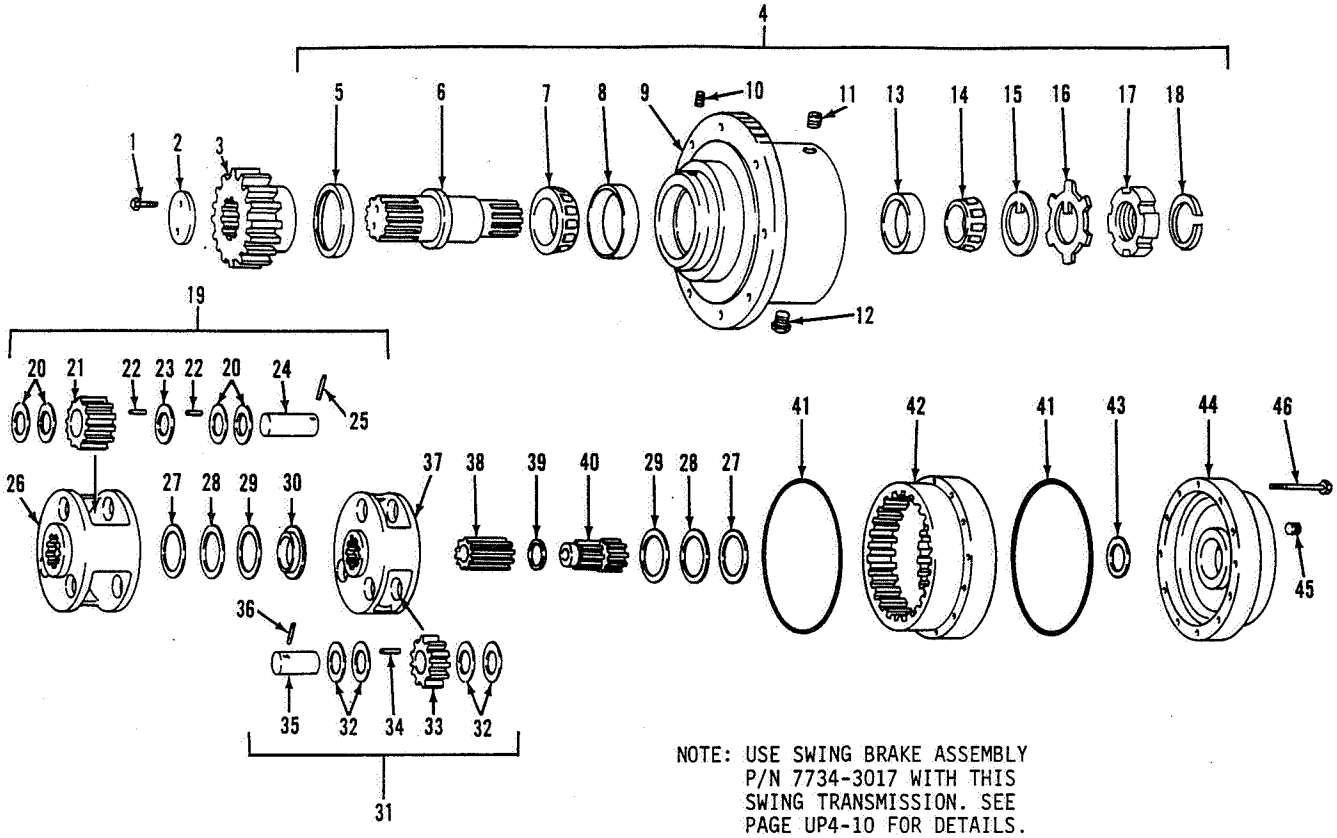
NOTE: EARLY CONFIGURATION OF THIS SWING MOTOR USED A BALL BEARING ON THE GEAR SHAFT. LATEST CONFIGURATION ELIMINATES THE BALL BEARING AND REPLACES IT WITH A WIDER SEAL RETAINER. END CHANNEL SEALS, SIDE CHANNEL SEALS, THRUST PLATES AND A NEW BACK-UP SEAL HAS BEEN INCORPORATED IN THIS LATEST CONFIGURATION. WHEN ORDERING REPLACEMENT PARTS, FOR THE SWING MOTOR WITHOUT BEARING, PLEASE ORDER THE SEAL & THRUST PLATE KIT OR THE INDIVIDUAL PARTS WITH "LATEST DESIGN" AFTER THE PART NAME. ALL OTHER PARTS ARE APPLICABLE TO EITHER DESIGN.

NOTE: EARLY DESIGN & LATEST DESIGN PARTS ARE NOT INTERCHANGEABLE WITH ONE ANOTHER. PLEASE BE CERTAIN TO USE THE CORRECT PARTS FOR YOUR SPECIFIC MOTOR CONFIGURATION.

Item	Part No.	Qty.	Description Of Part
	7734-3003	1	SWING MOTOR ASSY (includes all items)
	8366-4061	1	SEAL KIT (includes items 1,4,8, 9,12)(EARLY DESIGN ONLY)
	8366-4062	1	SEAL & BEARING KIT (includes items 1,2,3,4,8,9,10,12)(EARLY DESIGN ONLY)
	7734-4031	1	SEAL & THRUST PLATE KIT (includes items 1,3,4,8,9,10,12, 24)(LATEST DESIGN ONLY)
1	8664-1051	1	SNAP RING
2	8664-1052	1	BALL BEARING (EARLY DESIGN)
3	8664-1049	1	SEAL RETAINER (EARLY DESIGN)
	7734-4032	1	SEAL RETAINER (LATEST DESIGN)
4	8664-1053	1	LIP SEAL
5	8366-4063	1	SHAFT END COVER ASSY (includes item 6)
6	8366-4064	2	BUSHING
7	7713-4085	2	CHECK ASSY
8	7734-4033	4	END CHANNEL SEAL (EARLY DESIGN)
	7734-4034	4	END CHANNEL SEAL (LATEST DESIGN)

Item	Part No.	Qty.	Description Of Part
9	7734-4035	4	SIDE CHANNEL SEAL (EARLY DESIGN)
	7734-4036	4	SIDE CHANNEL SEAL (LATEST DESIGN)
10	7734-4037	2	THRUST PLATE (EARLY DESIGN)
	7734-4038	2	THRUST PLATE (LATEST DESIGN)
11	8366-4065	1	GEAR SET & SHAFT
12	8664-1043	2	GASKET SEAL
13	8367-1037	4	DOWEL PIN
14	7734-4001	1	GEAR HOUSING
15	8366-4067	1	PORT END COVER ASSY (includes items 16,17,18)
16	8366-4064	2	BUSHING
17	7713-4085	2	CHECK ASSY
18	7734-4039	2	PLUG
19	8366-4068	2	RELIEF VALVE ASSY
20	7734-4040	4	STUD
21	8594-1043	4	WASHER
22	8594-1045	4	HEX NUT
23	7734-4041	1	PLUG
24	7734-4042	2	BACK-UP SEAL (LATEST DESIGN)

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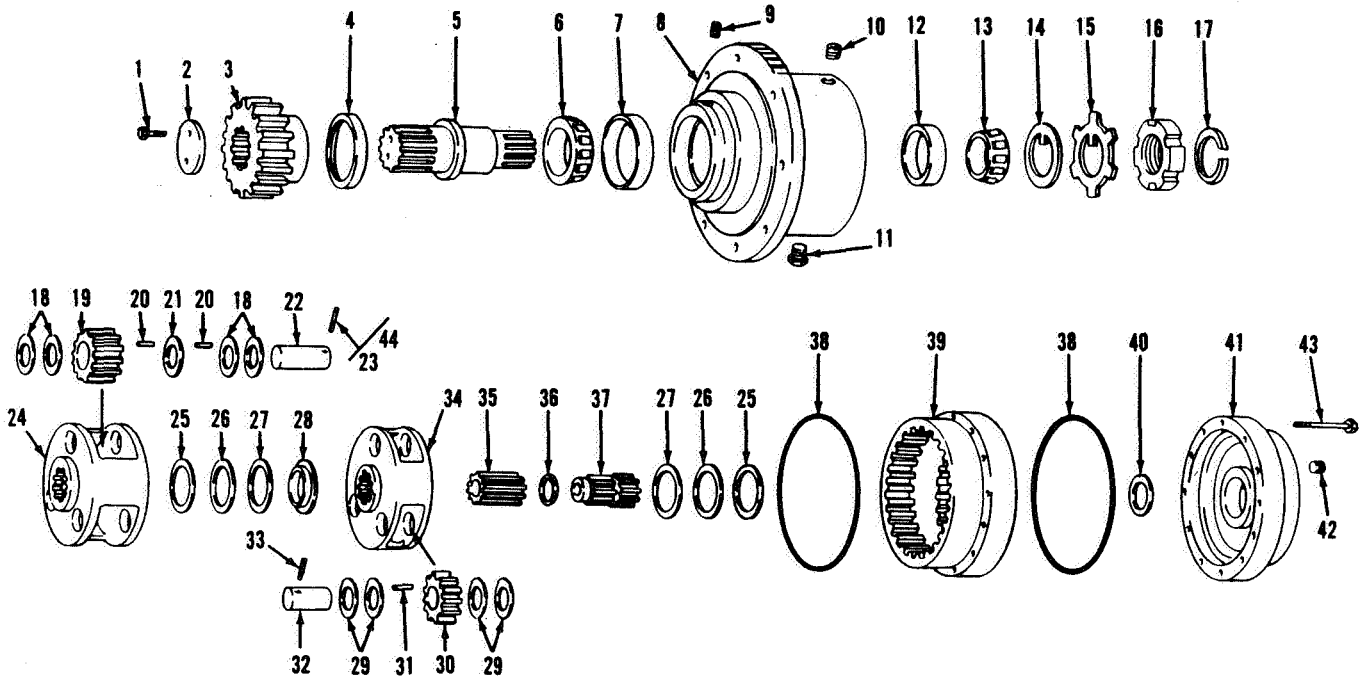


NOTE: USE SWING BRAKE ASSEMBLY P/N 7734-3017 WITH THIS SWING TRANSMISSION. SEE PAGE UP4-10 FOR DETAILS.

Item	Part No.	Qty.	Description Of Part
	7734-3069	1	SWING TRANSMISSION ASSY (includes items 4 thru 46)
1	8320-1066	2	HEX HD CAPSCREW, 1/2-20x1-1/4 GR8, SELF-LOCKING (NYLOK) (lubricate & torque to 75-85 ft. lbs.)
2	7714-1036	1	RETAINER PLATE
3	7734-1139	1	SWING PINION
4	7734-4003	1	HUB SHAFT ASSY (includes items 5 thru 18)
5	7734-4004	1	OIL SEAL
6	7734-4005	1	OUTPUT SHAFT
7	7734-4006	1	BEARING CONE
8	7734-4007	1	BEARING CUP
9	7734-4008	1	HUB
10	7714-4007	2	PIPE PLUG
11	7712-4007	1	PIPE PLUG
12	7714-4008	1	MAGNETIC PLUG
13	7714-4005	1	BEARING CUP
14	7714-4004	1	BEARING CONE
15	7734-4009	1	TANGED WASHER
16	7734-4010	1	LOCK WASHER
17	7734-4011	1	LOCK NUT
18	7734-4012	1	RETAINING RING
19	7734-4013	1	2ND STAGE CARRIER ASSY (includes items 20 thru 26)
20	7714-4012	12	THRUST WASHER
21	7734-4014	3	PLANET GEAR
22	7714-4014	108	NEEDLE ROLLER
23	7714-4015	3	SPACER
24	7714-4016	3	PLANET SHAFT
25	7714-4017	3	ROLL PIN
26	7714-4018	1	2ND STAGE CARRIER
27	9020-2542	2	THRUST WASHER (thick)
28	9020-2543	2	THRUST BEARING
29	7714-4019	2	THRUST WASHER (thin)
30	7714-4020	1	THRUST BEARING CARRIER
31	7714-4021	1	1ST STAGE CARRIER ASSY (includes items 32 thru 37)
32	7714-4022	12	THRUST WASHER
33	7714-4023	3	PLANET GEAR
34	7714-4024	57	NEEDLE BEARING
35	7714-4025	3	PLANET SHAFT
36	7714-4017	3	ROLL PIN
37	7714-4026	1	1ST STAGE CARRIER
38	7734-4015	1	2ND STAGE SUN GEAR
39	7714-4028	2	THRUST WASHER
40	7734-4016	1	INPUT GEAR
41	7712-4024	2	O RING
42	7734-4017	1	RING GEAR
43	7712-4027	1	THRUST WASHER
44	7734-4018	1	COVER
45	7712-4007	2	PIPE PLUG
46	7734-4019	24	BOLT

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HYDRAULIC SYSTEM COMPONENTS
(7734-3082) Swing Transmission Assembly
Starting Lot 200
Original Issue 2-85
Revised 8-93



NOTE: USE SWING BRAKE ASSEMBLY, P/N 7734-3017 WITH THIS SWING TRANSMISSION. SEE PAGE UP4-10 FOR DETAILS. THIS SWING TRANSMISSION REPLACES ASSEMBLY P/N 7734-3069, BUT REQUIRES MODIFICATION TO FRAME MOUNT HOLES. PLEASE CONTACT GRADALL PARTS CENTER IF PROBLEMS OCCUR.

Item	Part No.	Qty.	Description Of Part
	7734-3082	1	SWING TRANSMISSION ASSY (includes all items except items 1, 2 & 3)
1	8320-1066	2	HEX HD CAPSCREW, 1/2-20X1-1/4, GR8 (NYLOK)(lubricate & torque to 75-85 ft.lbs.)
2	7714-1036	1	RETAINER PLATE
3	7734-1139	1	SWING PINION
4	7734-4004	1	OIL SEAL
5	7734-4005	1	OUTPUT SHAFT
6	7734-4006	1	BEARING CONE
7	7734-4007	1	BEARING CUP
8	8364-4010	1	HOUSING
9	7714-4007	2	PIPE PLUG
10	7712-4007	1	PIPE PLUG
11	7714-4008	1	MAGNETIC PLUG
12	7714-4005	1	BEARING CUP
13	7714-4004	1	BEARING CONE
14	7734-4009	1	TANGED WASHER
15	7734-4010	1	LOCKWASHER
16	7734-4011	1	LOCKNUT
17	7734-4012	1	RETAINING RING
18	7714-4012	12	THRUST WASHER
19	7734-4014	3	PLANET GEAR

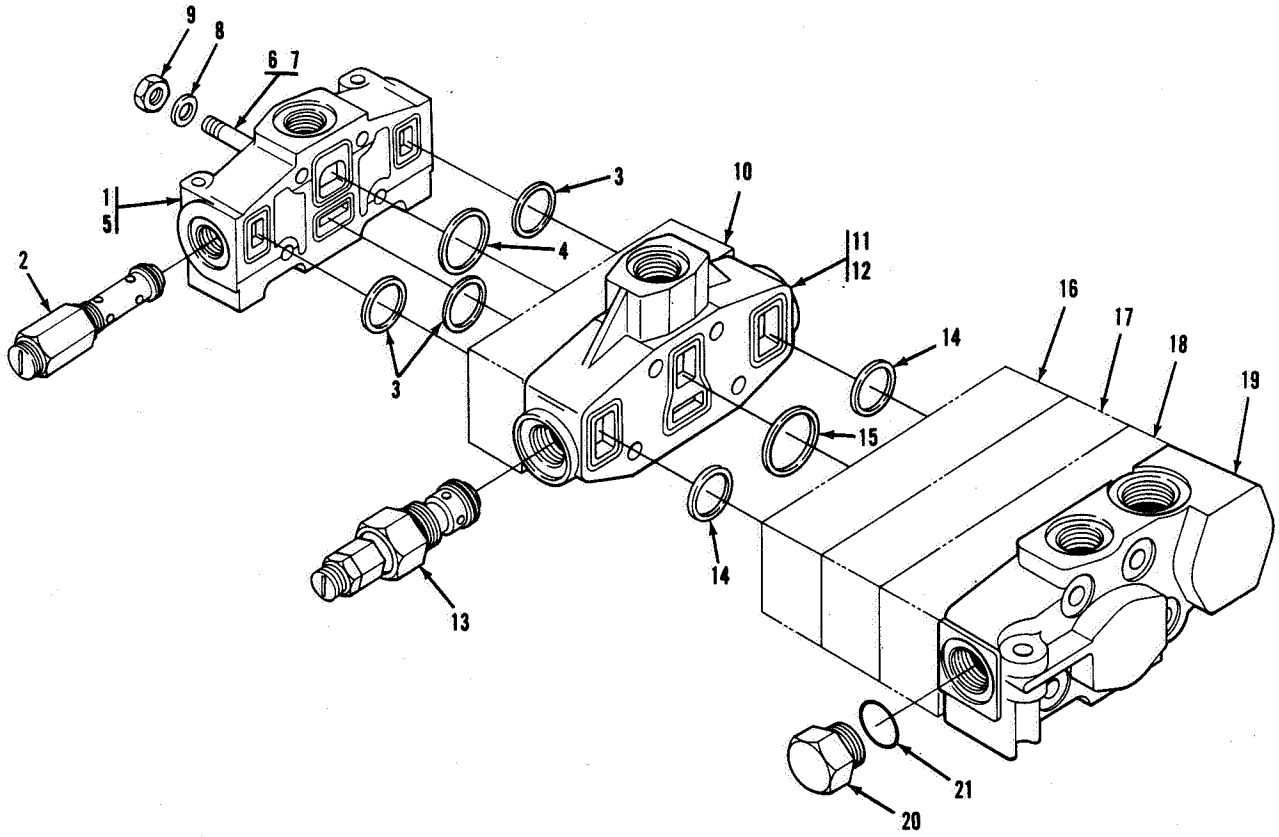
Item	Part No.	Qty.	Description Of Part
20	7714-4014	108	NEEDLE ROLLER
21	7714-4015	3	SPACER
22	8364-4011	3	PLANET SHAFT
23	9020-2517	3	ROLL PIN
24	8364-4012	1	SECOND STAGE CARRIER
25	9020-2542	2	THRUST WASHER (thin)
26	9020-2543	2	THRUST BEARING
27	7714-4019	2	THRUST WASHER (thick)
28	7714-4020	1	THRUST BEARING CARRIER
29	7714-4022	12	THRUST WASHER
30	7714-4023	3	PLANET GEAR
31	7714-4024	57	NEEDLE ROLLER
32	7714-4025	3	PLANET SHAFT
33	7714-4036	3	ROLL PIN
34	7714-4026	1	FIRST STAGE CARRIER
35	7734-4015	1	SECOND STAGE SUN GEAR
36	7714-4028	2	THRUSTWASHER
37	7734-4016	1	INPUT GEAR
38	7712-4024	2	O-RING
39	7734-4017	1	RING GEAR
40	7712-4027	1	THRUST WASHER
41	7734-4018	1	COVER
42	7712-4007	2	PIPE PLUG
43	7734-4019	24	BOLT
44	8094-4033	3	SPRING PIN

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HYDRAULIC SYSTEM COMPONENTS

(7736-3215) Hoist, Swing, Tilt & Tool Control Valve Assembly

Starting Lot 229
Original Issue 5-87
Revised 12-91



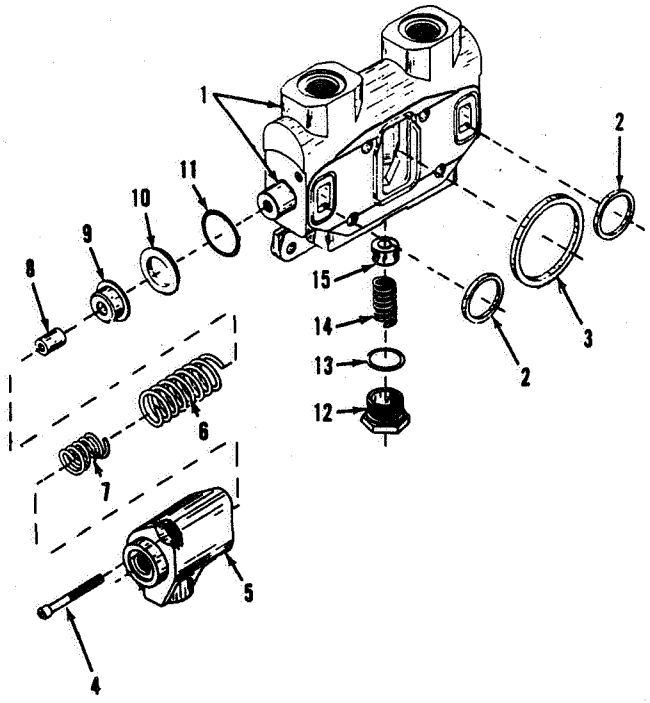
Item	Part No.	Qty.	Description Of Part
	7736-3215	1	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (includes all items on pages UP4-7, UP4-14, UP4-15 & UP4-18)
	7736-4199	1	RELIEF VALVE SEAL KIT (kit contains back-up rings & o-rings for relief valves, items 4 & 17 on page UP4-7, items 2 & 13 on page UP4-14, item 4 on page UP4-15 & item 2 on Page UP4-18)
	7736-4200	1	SECTION SEAL KIT (kit contains square section seals to seal all valve sections together)
1	7736-4201	1	INLET SECTION ASSY (includes items 2 thru 5)
2	7736-4202	1	RELIEF VALVE ASSY (3000 PSI)(use 8366-4003 seal kit)
3	7736-4248	3	SQUARE SECTION SEAL
4	7736-4249	1	SQUARE SECTION SEAL
5	7736-4127	1	INLET HOUSING
6	7736-4203	4	STUD ASSY (includes items 7, 8 & 9)
7		4	STUD

Item	Part No.	Qty.	Description Of Part
8	8366-4044	8	FLAT WASHER
9	8367-4015	8	HEX NUT (lubricate & torque to 900 in.lbs.)
10		Ref	HOIST VALVE SECTION ASSY (see page UP4-7 for details)
11	7736-4204	1	MID INLET SPLIT FLOW SECTION ASSY (includes items 12 thru 15)
12		1	VALVE HOUSING
13	7736-4205	1	RELIEF VALVE ASSY (2750 PSI)(use 8366-4003 seal kit)
14	7736-4248	2	SQUARE SECTION SEAL
15	7736-4250	1	SQUARE SECTION SEAL
16		Ref	SWING VALVE SECTION ASSY (see page UP4-15 for details)
17		Ref	TILT VALVE SECTION ASSY (see page UP4-18 for details)
18		Ref	TOOL VALVE SECTION ASSY (see page UP4-15 for details)
19	8366-4123	1	OUTLET SECTION ASSY (includes items 20 & 21)
20	8366-1252	1	PLUG
21	8366-1251	1	GASKET
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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HYDRAULIC SYSTEM COMPONENTS
(7736-4210) Swing Valve Section Components
(7736-4217) Tool Valve Section Components

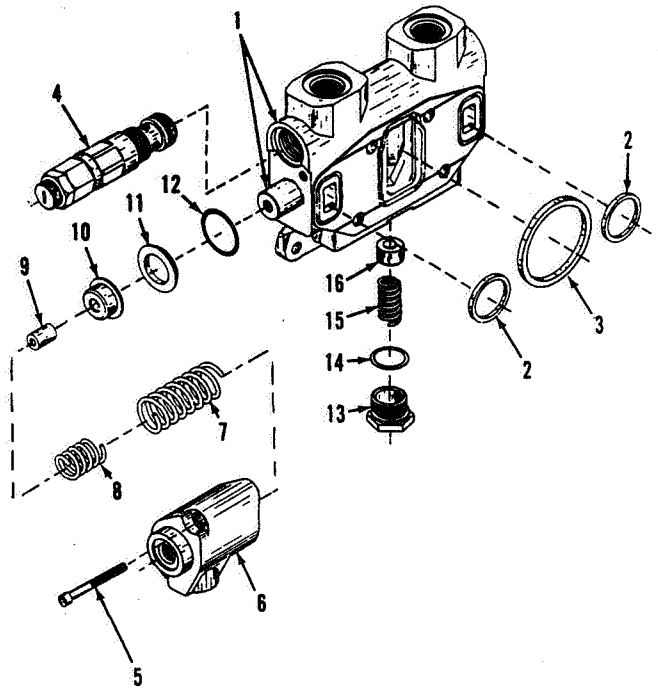
Starting Lot 229
Original Issue 5-87
Revised 12-91



SWING VALVE SECTION ASSEMBLY

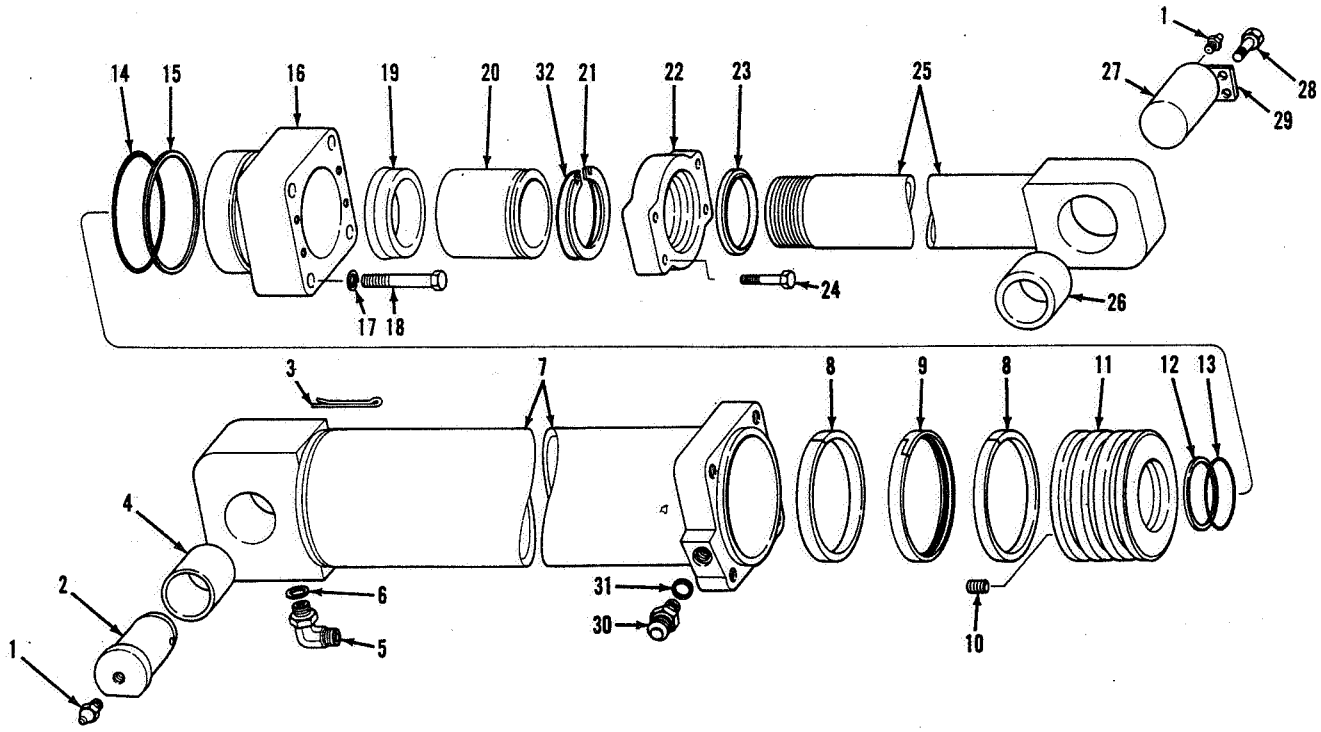
Item	Part No.	Qty.	Description Of Part
	7736-4210	1	SWING VALVE SECTION ASSY (includes all items)
	7736-4211	1	SEAL & SPRING KIT (includes items 6, 7, 11, 13 & 14)
1		1	VALVE HOUSING & SPOOL ASSY (not sold separately, order P/N 7736-4210)
2	7736-4248	2	SQUARE SECTION SEAL
3	7736-4250	1	SQUARE SECTION SEAL
4	8366-4144	4	CAPSCREW (lubricate & torque to 175 in.lbs.)
5	8366-4057	2	END CAP
6	8366-4145	2	OUTER SPRING
7	8366-4146	2	INNER SPRING
8	8366-4147	2	STROKE SLEEVE
9	8366-4148	2	SPRING GUIDE
10	8366-4149	2	RETAINING PLATE
11	8366-4150	2	O-RING
12	8366-4151	1	CHECK CAP
13	8366-3044	1	O-RING
14	8366-4152	1	SPRING
15	8366-4153	1	CHECK POPPET
			NOTE: ITEMS 2 & 3 ARE INCLUDED IN SECTION SEAL KIT. SEE PAGE UP4-14.

Item	Part No.	Qty.	Description Of Part
	7736-4217	1	TOOL VALVE SECTION ASSY (includes all items)
	7736-4218	1	SEAL & SPRING KIT (includes items 7, 8, 12, 14 & 15)
1		1	VALVE HOUSING & SPOOL ASSY (not sold separately, order P/N 7736-4217)
2	7736-4248	2	SQUARE SECTION SEAL
3	7736-4250	1	SQUARE SECTION SEAL
4	8366-4058	2	RELIEF VALVE ASSY (3000 PSI)(use 8366-4236 seal kit)
5	8366-4144	4	CAPSCREW (lubricate & torque to 175 in.lbs.)
6	8366-4057	2	END CAP
7	8366-4145	2	OUTER SPRING
8	8366-4146	2	INNER SPRING
9	8366-4147	2	STROKE SLEEVE
10	8366-4148	2	SPRING GUIDE
11	8366-4149	2	RETAINING PLATE
12	8366-4150	2	O-RING
13	8366-4151	1	CHECK CAP
14	8366-3044	1	O-RING
15	8366-4152	1	SPRING
16	8366-4153	1	CHECK POPPET
			NOTE: ITEMS 2 & 3 ARE INCLUDED IN SECTION SEAL KIT. SEE PAGE UP4-14.



TOOL VALVE SECTION ASSEMBLY

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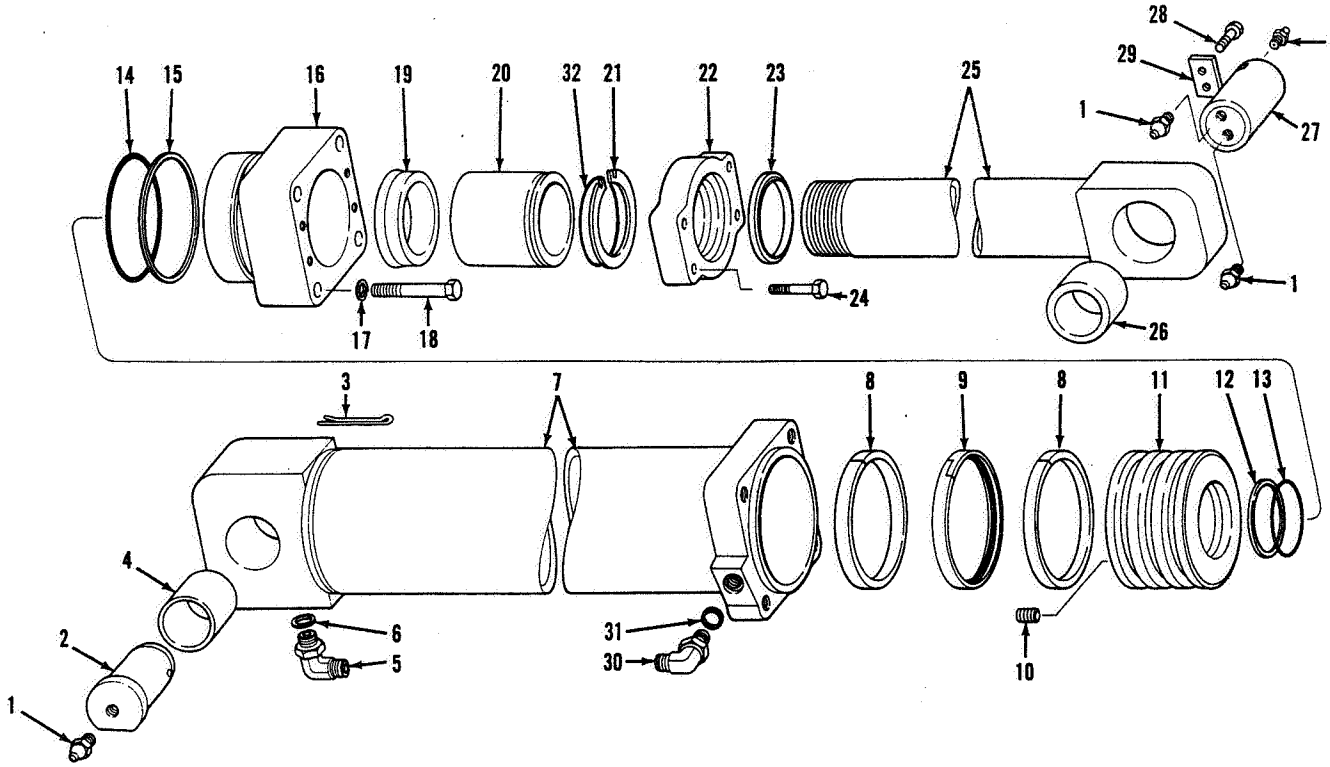


Item	Part No.	Qty.	Description Of Part
	7736-5001	1	TILT CYLINDER ASSY (includes all items except items 1,2,3,5,6,27, 28,29,30,31)
	8342-5025	1	REPACK KIT (includes items 8,9, 12,13,14,15,19,23,32)
1	8867-1001	2	LUBE FITTING, STRAIGHT, 1/8
2	8662-1012	1	PIN (REAR)
3	8863-1341	1	COTTER PIN, 3/16X2-1/2
4	8422-1006	1	BUSHING (REAR)
5	8866-2332	1	ELBOW, 90 DEGREES
6	8859-1207	1	O-RING
7	7736-6002	1	CYLINDER WELDMENT
8	8684-1182	2	PISTON RING
9	8362-1114	1	SEAL RING
10	8822-4940	1	SOCKET SET SCREW, 3/8-16X5/8
11	8342-1276	1	PISTON (SEE NOTE)
12	8362-1027	1	BACK UP RING
13	8859-1112	1	O-RING
14	8859-1126	1	O-RING
15	2409-1185	1	BACK UP RING
16	8362-1003	1	CYLINDER HEAD
17	8855-1016	4	LOCK WASHER, 3/4
18	8820-1119	4	HEX HD CAPSCREW, 3/4-10X4, GR5

Item	Part No.	Qty.	Description Of Part
19	8362-3002	1	EASY SQUEEZE SEAL
20	8362-1176	1	ROD BEARING
21	8342-3003	1	RETAINING RING
22	8362-1007	1	BEARING RETAINER
23	8362-3003	1	ROD SCRAPER
24	8320-1047	4	HEX HD CAPSCREW
25	7736-6001	1	PISTON ROD (SEE NOTE)
26	8662-1004	1	BUSHING (FRONT)
27	7732-1104	1	PIN (FRONT)
28	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
29	8664-1158	1	KEEPER
30	8866-2311	1	CONNECTOR
31	8859-1206	1	O-RING
32	8859-1114	1	O-RING
			NOTE: WHEN ITEM 11 PISTON AND/OR ITEM 25 PISTON ROD IS FURNISHED SEPARATELY, ONE HOLE MUST BE DRILLED AND TAPPED FOR ITEM 10 SOCKET SET SCREW. BE SURE PISTON IS TORQUED PROPERLY TO PISTON ROD BEFORE DRILLING.

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HYDRAULIC SYSTEM COMPONENTS
Tool Cylinder Assembly
Starting Lot 200
Original Issue 2-85
Revised 9-88



Item	Part No.	Qty.	Description Of Part
	8342-5024	1	TOOL CYLINDER ASSY (includes all items except items 1,2,3,5,6, 27,28,29)
	8342-5025	1	REPACK KIT (includes items 8,9, 12,13,14,15,19,23,32)
1	8867-1001	4	LUBE FITTING, STRAIGHT, 1/8
2	8662-1012	1	PIN (REAR)
3	8863-1341	1	COTTER PIN, 3/16X2-1/2
4	8422-1006	1	BUSHING (REAR)
5	8866-2332	1	ELBOW, 90 DEGREES
6	8859-1207	1	O-RING
7	8362-6008	1	CYLINDER BARREL
8	8684-1182	2	PISTON RING
9	8362-1114	1	SEAL RING
10	8822-4940	1	SOCKET SET SCREW, 3/8-16X5/8
11	8342-1276	1	PISTON (SEE NOTE)
12	8362-1027	1	BACK UP RING
13	8859-1112	1	O-RING
14	8859-1126	1	O-RING
15	2409-1185	1	BACK UP RING
16	8362-1003	1	CYLINDER HEAD
17	8855-1016	4	LOCK WASHER, 3/4
18	8820-1119	4	HEX HD CAPSCREW, 3/4-10X4, GR5

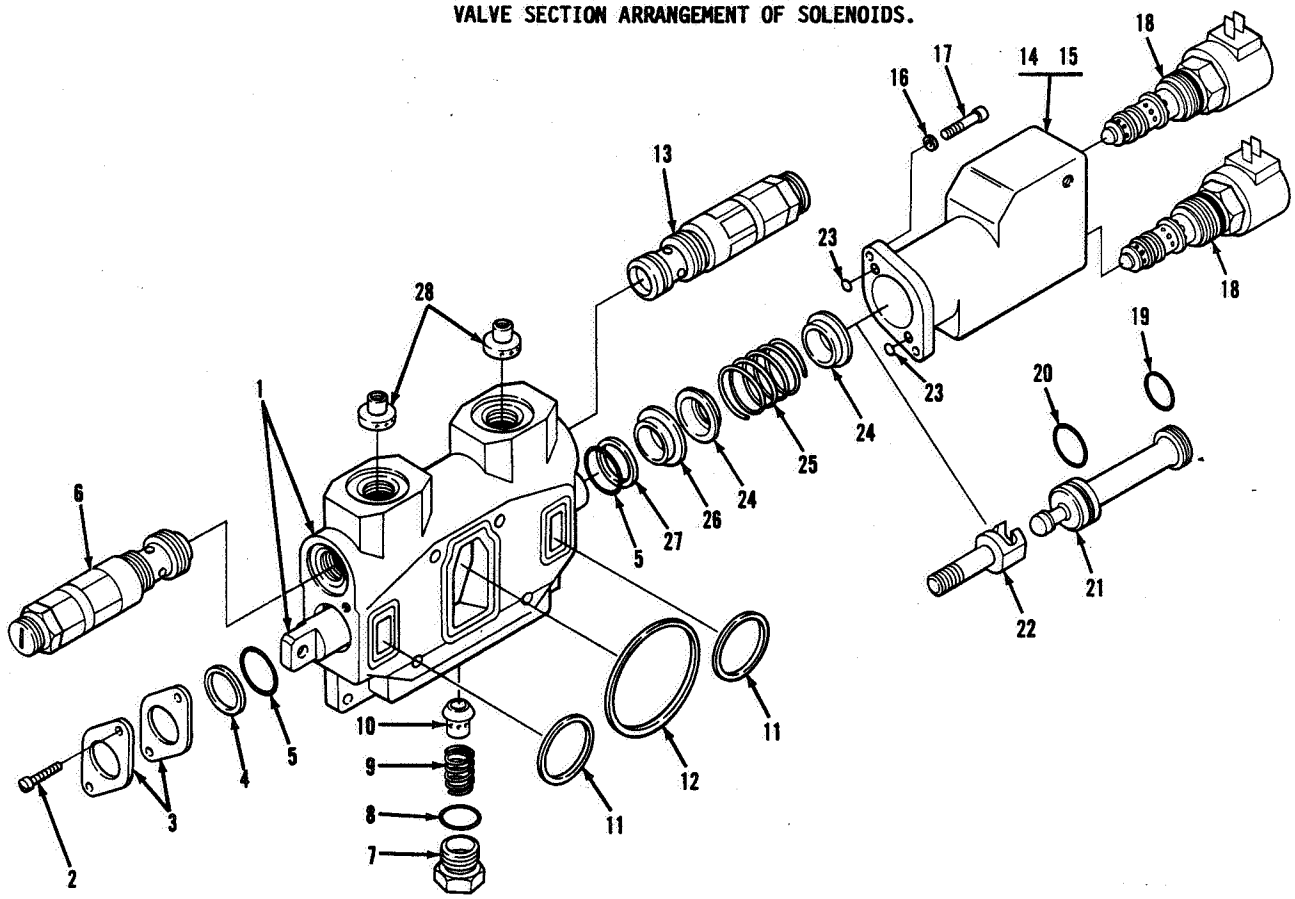
Item	Part No.	Qty.	Description Of Part
19	8362-3002	1	EASY SQUEEZE SEAL
20	8362-1176	1	ROD BEARING
21	8342-3003	1	RETAINING RING
22	8362-1007	1	BEARING RETAINER
23	8362-3003	1	ROD SCRAPER
24	8320-1047	4	HEX HD CAPSCREW, 1/2-13X1-3/4 Self-locking (NYLOK), GR8
25	8362-6001	1	PISTON ROD (SEE NOTE)
26	8662-1004	1	BUSHING (FRONT)
27	7732-1042	1	PIN (FRONT)
28	2443-1384	2	HEX HD CAPSCREW
29	7732-1043	1	KEEPER
30	8866-2335	1	ELBOW, 90 DEGREES
31	8859-1206	1	O-RING
32	8859-1114	1	O-RING
			NOTE: WHEN ITEM 11 PISTON AND/OR ITEM 25 PISTON ROD IS FURNISHED SEPARATELY, ONE HOLE MUST BE DRILLED AND TAPPED FOR ITEM 10 SOCKET SET SCREW. BE SURE PISTON IS TORQUED PROPERLY TO PISTON ROD BEFORE DRILLING.

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HYDRAULIC SYSTEM COMPONENTS
(7736-4212) TILT VALVE SECTION COMPONENTS

Starting Lot 229
Original Issue 5-87
Reinstated 3-91
Revised 12-91

NOTE: THIS PAGE UP4-18 TILT VALVE SECTION COMPONENTS, STARTING LOT 229, ORIGINAL ISSUE 5-87 IS BEING REINSTATED TO COVER CONTROL VALVES WITH THIS TILT VALVE SECTION ARRANGEMENT OF SOLENOIDS.

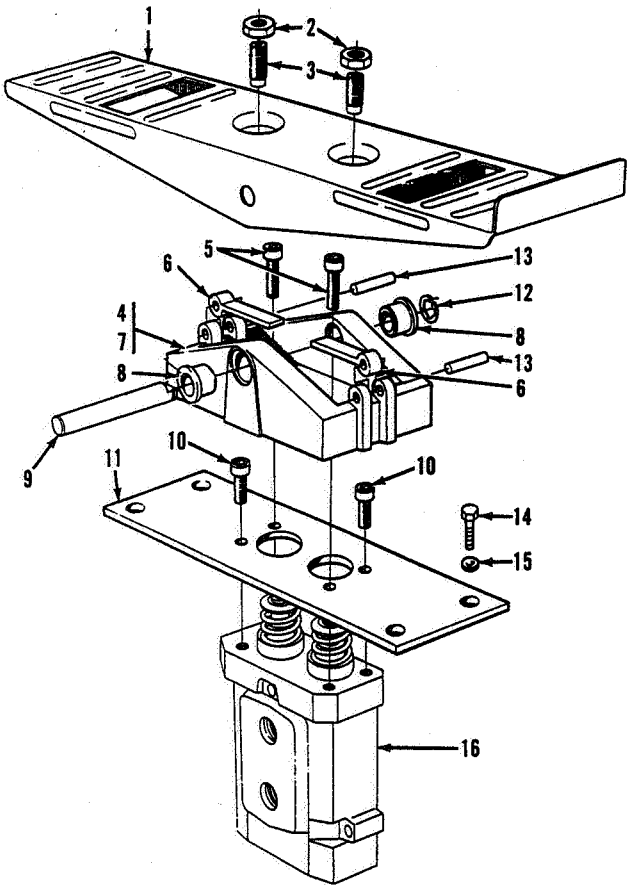


Item	Part No.	Qty.	Description Of Part
	7736-4212	1	TILT VALVE SECTION ASSY (includes all items)
	7736-4213	1	SEAL & SPRING KIT (includes items 4, 5, 8, 9, 19, 20, 23, 25 & 27)
1		1	VALVE HOUSING & SPOOL ASSY (not sold separately, order part number 7736-4212
2		2	FILLISTER HD SCREW
3		2	RETAINING PLATE
4		1	BACK-UP RING
5		2	O-RING
6	8366-4108	1	RELIEF VALVE ASSY (1500 PSI)(use 8366-4236 seal kit)
7		1	CHECK CAP
8		1	O-RING
9		1	SPRING
10		1	CHECK POPPET
11		2	SQUARE SECTION SEAL
12		1	SQUARE SECTION SEAL
13	7736-4214	1	RELIEF VALVE ASSY (2500 PSI)(use 8366-4236 seal kit)
14	7736-4215	1	END CAP ASSY (includes items 15 thru 27)

Item	Part No.	Qty.	Description Of Part
15		1	END CAP ASSY
16	8855-1010	2	LOCK WASHER, 5/16
17	8821-2228	2	SOCKET HD CAPSCREW, 5/16-18X1-1/4, GR8
18	7736-4216	2	SOLENOID ASSY
19		1	O-RING
20		1	O-RING
21		1	PISTON
22		1	STRIPPER BOLT
23		2	O-RING
24		2	SPRING GUIDE
25		1	SPRING
26		1	SEAL RETAINER
27		1	O-RING
28	7713-3853	2	RESTRICTION CHECK, 3/32 I.D.
			NOTE: ITEMS 11 & 12 ARE INCLUDED IN SECITON SEAL KIT. SEE PAGE UP4-14.
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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HYDRAULIC SYSTEM COMPONENTS
Foot Operated Pedal Valve Assembly
Starting Lot 229
Original Issue 5-87

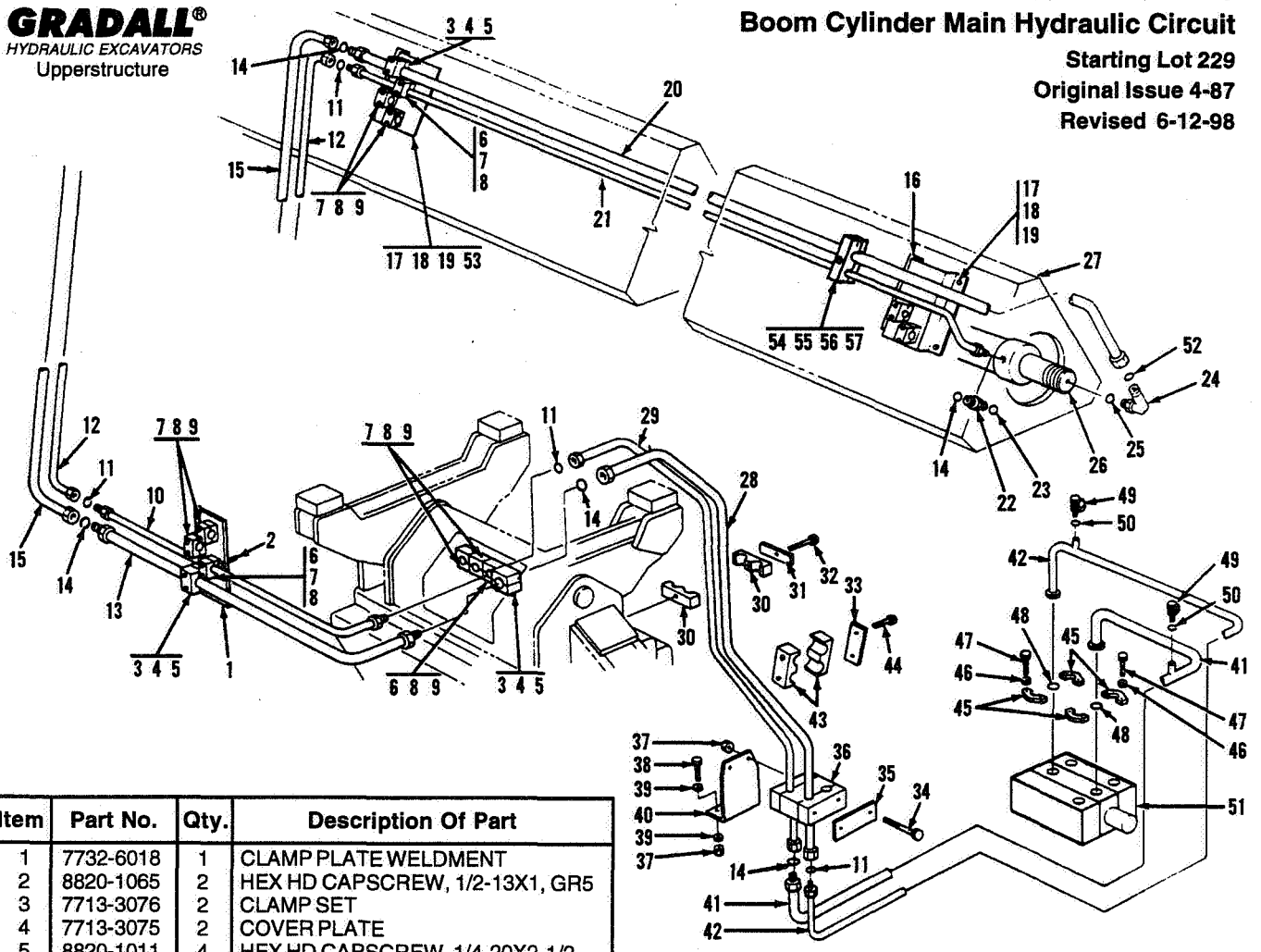


Item	Part No.	Qty.	Description Of Part
	7736-3144	1	FOOT OPERATED PEDAL VALVE ASSY (includes all items except 14, 15)
1	7736-4189	1	PEDAL ASSY (includes items 2,3)
2	8366-4070	2	HEX NUT
3	7736-4190	2	HEX SOCKET SCREW
4	7736-4191	1	MOUNTING PLATE ASSY (includes items 5 thru 12)
5	7736-4192	2	HEX SOCKET SCREW
6	7736-4193	2	ROCKER ARM
7		1	MOUNTING BRACKET
8	7736-4194	2	BUSHING
9	7736-4195	1	PIN
10	7736-4196	2	HEX SOCKET SCREW
11		1	MOUNTING PLATE
12	7736-4197	1	CIRCLIP
13	7736-4198	2	PIN
14	8820-1018	4	HEX HD CAPSCREW, 5/16-18x3/4, GR 5
15	8855-1010	4	LOCK WASHER, 5/16
16		1	BODY & SPOOL ASSY
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

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MAIN HYDRAULIC SYSTEMS
Boom Cylinder Main Hydraulic Circuit

Starting Lot 229
Original Issue 4-87
Revised 6-12-98

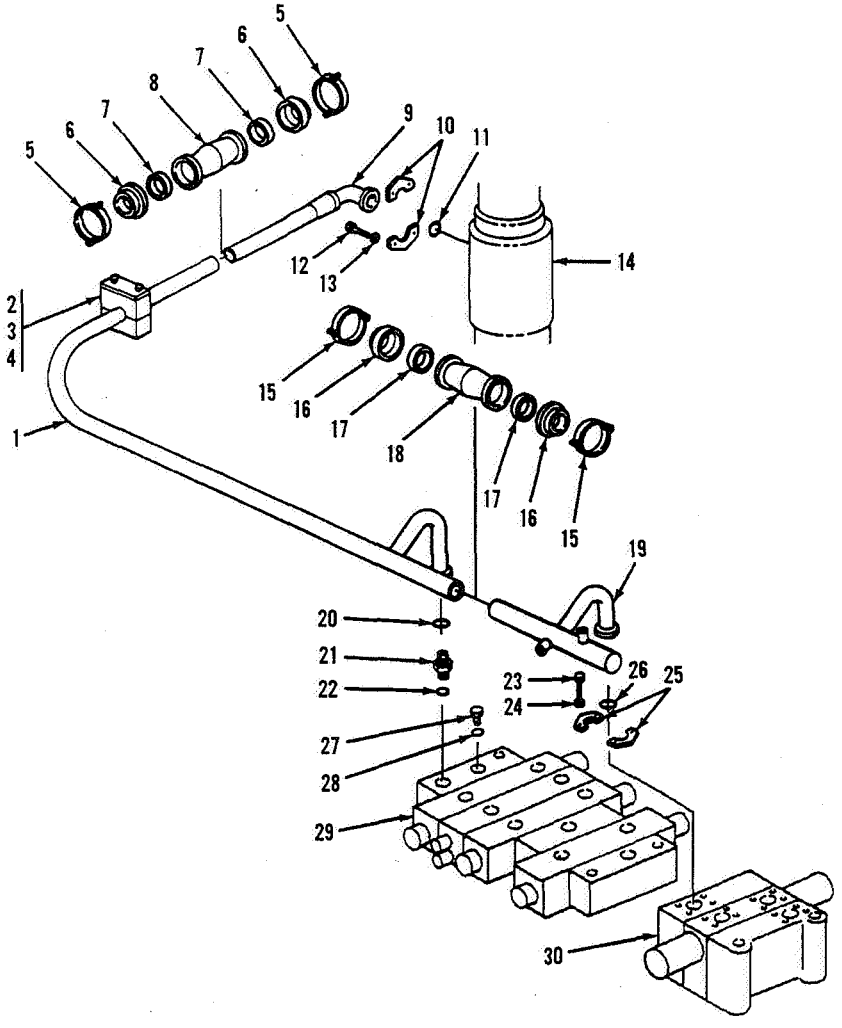


Item	Part No.	Qty.	Description Of Part
1	7732-6018	1	CLAMP PLATE WELDMENT
2	8820-1065	2	HEX HD CAPSCREW, 1/2-13X1, GR5
3	7713-3076	2	CLAMP SET
4	7713-3075	2	COVER PLATE
5	8820-1011	4	HEX HD CAPSCREW, 1/4-20X2-1/2, GR5
6	7713-3073	4	CLAMP SET
7	7713-3052	12	COVER PLATE
8	7713-3209	24	HEX HD CAPSCREW
9	7713-3073	8	CLAMP SET
10	7732-3008	1	TUBE ASSY
11	8859-1508	5	O-RING SEAL
12	8471-7456	1	HOSE ASSY
13	7732-3009	1	TUBE ASSY
14	8859-1509	6	O-RING SEAL
15	8471-7457	1	HOSE ASSY
16	7732-6019	1	TUBE BRACKET WELDMENT
17	8820-1035	6	HEX HD CAPSCREW, 3/8-16X1, GR5
18	8856-1004	6	FLAT WASHER, 3/8
19	8852-1206	6	HEX LOCKNUT, 3/8-16
20	7732-3010	1	TUBE ASSY
21	7732-3011	1	TUBE ASSY
22	8866-2305	1	CONNECTOR
23	8859-1209	1	O-RING
24	8866-2334	1	ELBOW, 90 DEGREES
25	8859-1210	1	O-RING
26		Ref	BOOM CYLINDER ASSY, (see page UP4-1 for details)
27		Ref	MAIN BOOM ASSY, (see page UP2-3 for details)
28	8471-7442	1	HOSE ASSY
29	8471-7440	1	HOSE ASSY
30	7713-3280	1	CLAMP SET
31	7713-3281	1	COVER PLATE
32	8820-1026	1	HEX HD CAPSCREW, 5/16-18X2-1/2, GR5

Item	Part No.	Qty.	Description Of Part
33	7732-1139	1	HOSE CLAMP COVER
34	8820-1317	2	HEX HD CAPSCREW, 1/2-13X5-1/2, GR5
35	7734-1049	1	CLAMP BAR
36	7734-3004	1	HOSE CLAMP
37	8850-1008	2	HEX NUT, 1/2-13
38	8820-1067	2	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5
39	8856-1006	4	FLAT WASHER, 1/2
40	7734-6007	1	CLAMP BRACKET
41	7736-3152	1	TUBE ASSY
42	7736-3151	1	TUBE ASSY
43	7732-3025	1	HOSE CLAMP
44	8820-1073	2	HEX HD CAPSCREW, 1/2-13X3, GR5
45	8471-1333	4	FLANGE HALF
46	8855-1011	8	LOCKWASHER, 3/8
47	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1, GR5
48	8366-1304	2	SQUARE RING SEAL
49	7713-3089	2	MINI-CHECK COUPLING
50	8859-1204	2	O-RING
51		Ref	BOOM CONTROL VALVE ASSY, (see page UP4-5 for details)
52	8859-1510	1	O-RING
53	7732-6029	1	TUBE BRACKET WELDMENT
54	7736-3035	1	CLAMP SET
55	7713-3281	2	COVER PLATE
56	8852-1305	1	HEX LOCKNUT,5/16-18
57	8820-1028	1	HEX HD CAPSCREW, 5/16-18X3, GR5, (lubricate and torque to 94-104 in. lbs.)

** - Revised art on parts 28 & 29.*

https://truckmanualshub.com/



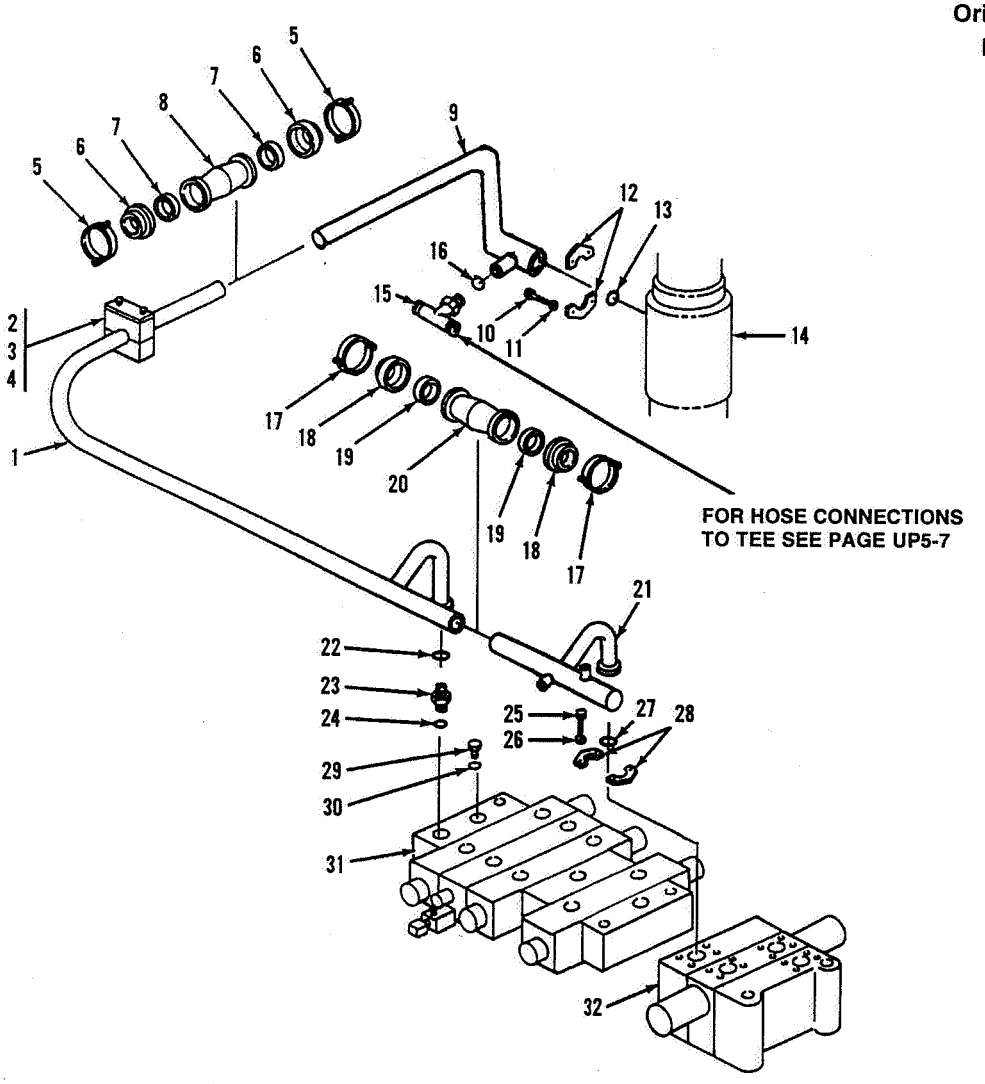
Item	Part No.	Qty.	Description Of Part
1	7736-3116	1	DUMP TUBE
2	8820-1062	2	HEX HD CAPSCREW, 7/16-14X4, GR5
3	8325-3006	1	COVER PLATE
4	7736-3115	1	CLAMP HALF
5	8344-1290	2	COUPLING
6	8344-1291	2	GASKET RETAINER
7	8344-1289	2	GASKET
8	8344-1288	1	SLEEVE
9	7736-3117	1	DUMP TUBE
10	8471-1427	2	FLANGE HALF
11	7736-3038	1	SQUARE RING SEAL
12	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5
13	8855-1013	4	LOCKWASHER, 1/2
14		Ref	CENTER PIN ASSY, (see page UP4-2 for details)
15	8657-1120	2	COUPLING
16	8657-1121	2	GASKET RETAINER

Item	Part No.	Qty.	Description Of Part
*17	8657-1119	2	GASKET
18	8697-1439	1	SLEEVE
19	7736-3153	1	DUMP TUBE
20	8859-1510	1	O-RING
21	8866-2308	1	CONNECTOR
22	8859-1210	1	O-RING
23	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5
24	8855-1012	4	LOCKWASHER, 7/16
25	8471-1334	2	FLANGE HALF
26	8366-1305	1	SQUARE RING SEAL
27	8866-2179	1	HEX HD PLUG, (includes item 28)
28	8859-1209	1	O-RING
29		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY, (see page UP4-14 for details)
30		Ref	BOOM CONTROL VALVE ASSY, (see page UP4-5 for details)

** -Revised part number on item 17.*

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MAIN HYDRAULIC SYSTEMS
Dump Hydraulic Circuit
Starting (Machine 4) of Lot 258
Original Issue 6-89
Revised 4-24-98

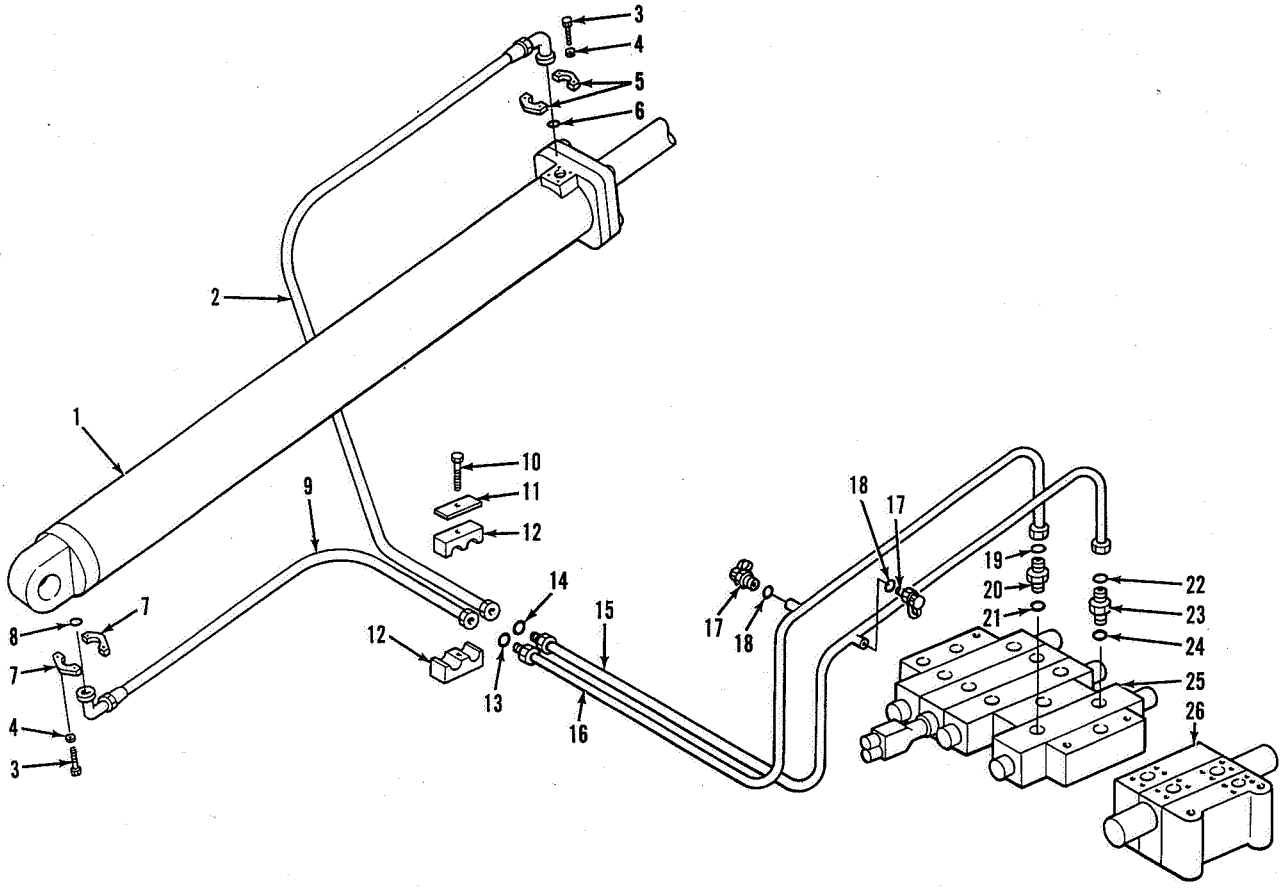


Item	Part No.	Qty.	Description Of Part
1	7736-3116	1	DUMP TUBE
2	8820-1062	2	HEX HD CAPSCREW, 7/16-14X4, GR5
3	8325-3006	1	COVER PLATE
4	7736-3115	1	CLAMP HALF
5	8344-1290	2	COUPLING
6	8344-1291	2	GASKET RETAINER
7	8344-1289	2	GASKET
8	8344-1288	1	SLEEVE
9	7736-3117	1	DUMP TUBE ASSY W/SPUD
10	8820-1067	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5
11	8855-1013	4	LOCKWASHER, 1/2
12	8471-1427	2	FLANGE HALF
13	7736-3038	1	SQUARE RING SEAL
14	7736-5003	Ref	CENTER PIN ASSY, (see page UP4-2 for details)
15	8866-2152	1	BRANCH TEE, (includes item 16)
16	8859-1204	1	O-RING
17	8657-1120	2	COUPLING

Item	Part No.	Qty.	Description Of Part
18	8657-1121	2	GASKET RETAINER
*19	8657-1119	2	GASKET
20	8697-1349	1	SLEEVE
21	7736-3153	1	DUMP TUBE ASSY
22	8859-1510	1	O-RING
23	8866-2308	1	CONNECTOR
24	8859-1210	1	O-RING
25	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5
26	8855-1012	4	LOCKWASHER, 7/16
27	8366-1305	1	SQUARE RING SEAL
28	8471-1334	2	FLANGE HALF
29	8866-2179	1	HEX HD PLUG, (includes item 30)
30	8859-1209	1	O-RING
31	7736-3215	Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY, (see page UP4-14 for details)
32	7736-3163	Ref	BOOM CONTROL VALVE ASSY, (see page UP4-5 for details)

** -Revised part number on item 19.*

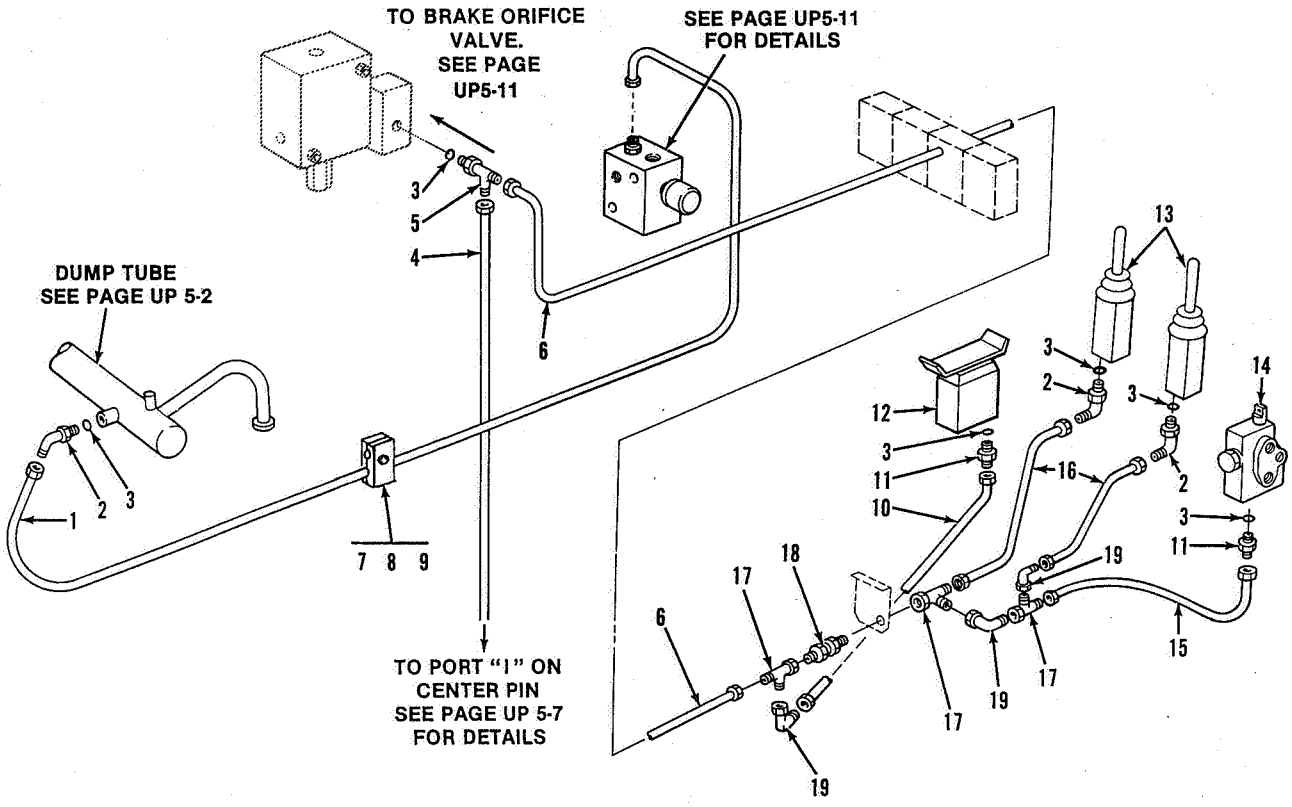
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Item	Part No.	Qty.	Description Of Part
1		Ref	HOIST CYLINDER ASSY (see page UP 4-8 for details)
2	8471-7426	1	HOSE ASSY
3	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4
4	8855-1011	8	LOCK WASHER
5	8471-1369	2	FLANGE HALF
6	8503-1525	1	SQUARE RING SEAL
7	8471-1333	2	FLANGE HALF
8	8366-1304	1	SQUARE RING SEAL
9	8471-7430	1	HOSE ASSY
10	8820-1026	1	HEX HD CAPSCREW, 5/16-18x2-1/2 GR 5
11	7713-3281	1	COVER PLATE
12	7713-3280	1	CLAMP HALVES
13	8859-1509	1	O RING SEAL

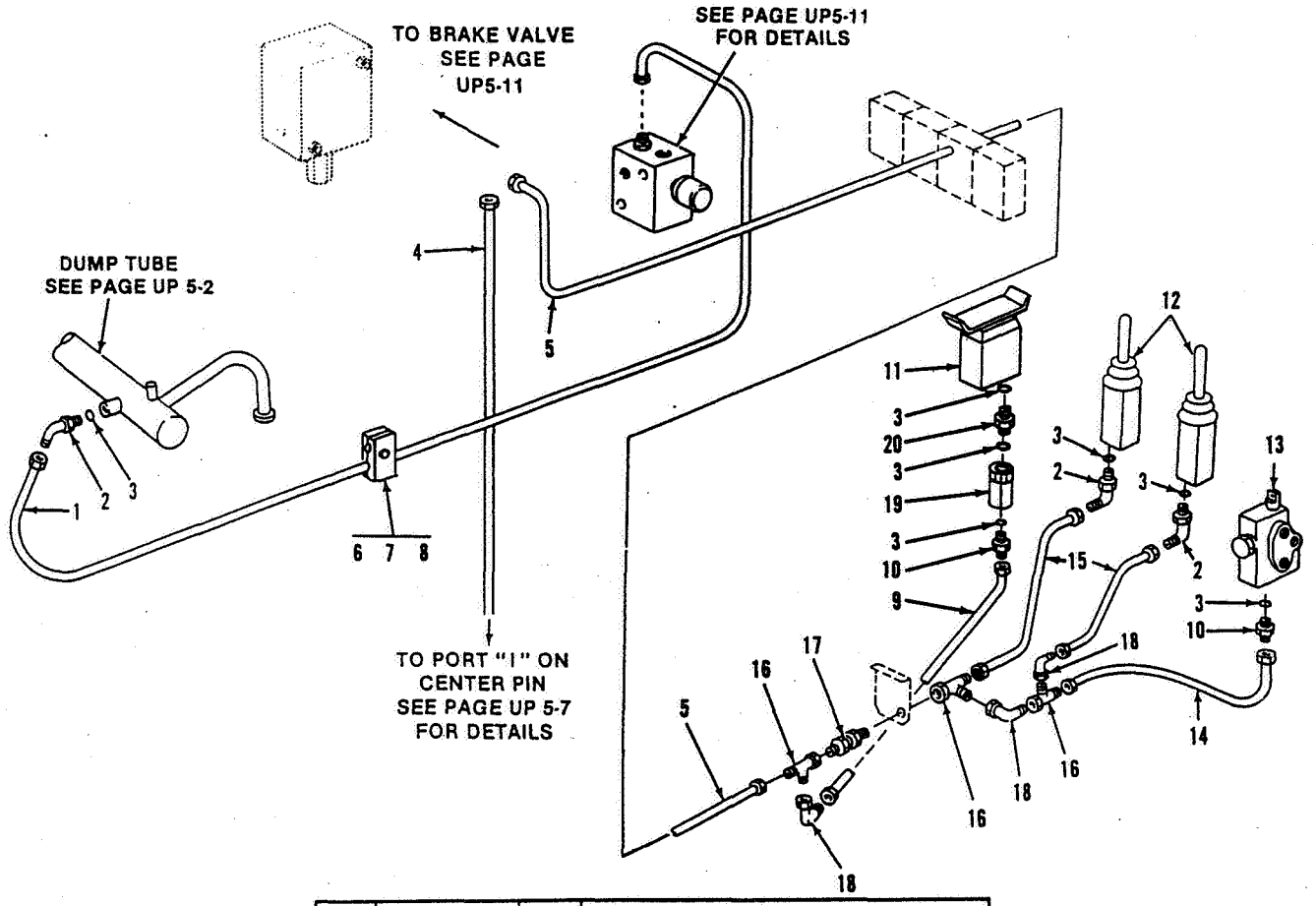
Item	Part No.	Qty.	Description Of Part
14	8859-1508	1	O RING SEAL
15	7736-3150	1	TUBE ASSY
16	7736-3149	1	TUBE ASSY
17	7713-3089	2	MINI-CHECK COUPLING
18	8859-1204	2	O RING
19	8859-1510	1	O RING SEAL
20	8866-2313	1	CONNECTOR
21	8859-1209	1	O RING
22	8859-1509	1	O RING SEAL
23	7734-1134	1	SPECIAL CONNECTOR
24	8859-1207	1	O RING
25		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
26		Ref	BOOM CONTROL VALVE ASSY (see page UP 4-5 for details)

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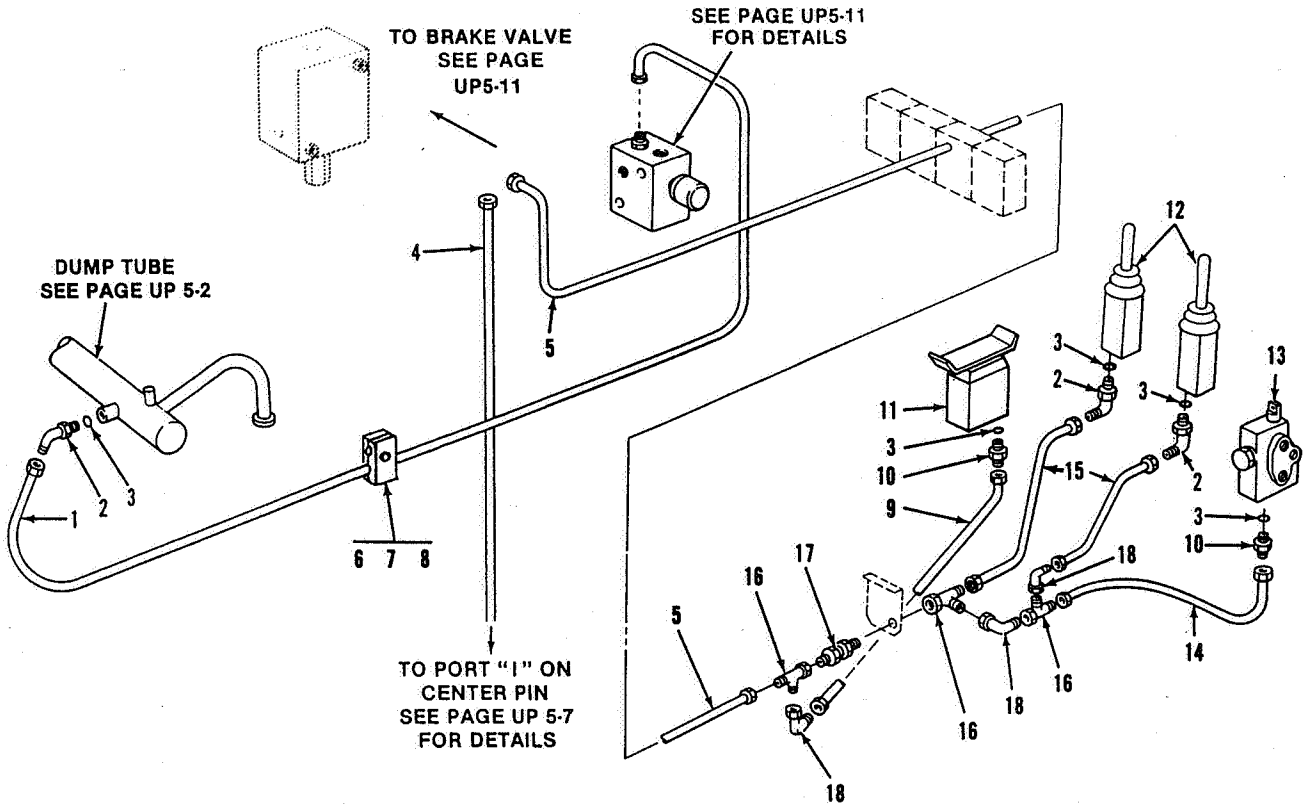
Item	Part No.	Qty.	Description Of Part
1	7736-3087	1	TUBE ASSY
2	8866-2084	3	ELBOW, 45 DEGREES (includes item 3)
3	8859-1204	6	O RING
4	7713-3412	1	HOSE ASSY
5	8866-2139	1	RUN TEE (includes item 3)
6	7736-3098	1	TUBE ASSY
7	7713-3270	1	CLAMP SET
8	8820-1005	1	HEX HD CAPSCREW, 1/4-20x1, GR 5
9	8856-1002	1	FLAT WASHER, 1/4
10	7713-3406	1	TUBE ASSY
11	8866-2005	2	CONNECTOR (includes item 3)
12		Ref	FOOT OPERATED PEDAL VALVE ASSY (see page UP 4-19 for details)
13		Ref	JOYSTICK ASSY (see page UP 4-9 for details)
14		Ref	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)
15	7713-3340	1	HOSE ASSY
16	8471-7289	2	HOSE ASSY
17	8866-2239	3	RUN TEE (SWIVEL NUT)
18	8866-1084	1	BULKHEAD UNION, 9/16-18x3/8 TUBE
19	8866-2105	3	ELBOW, 90 DEGREES (SWIVEL NUT)

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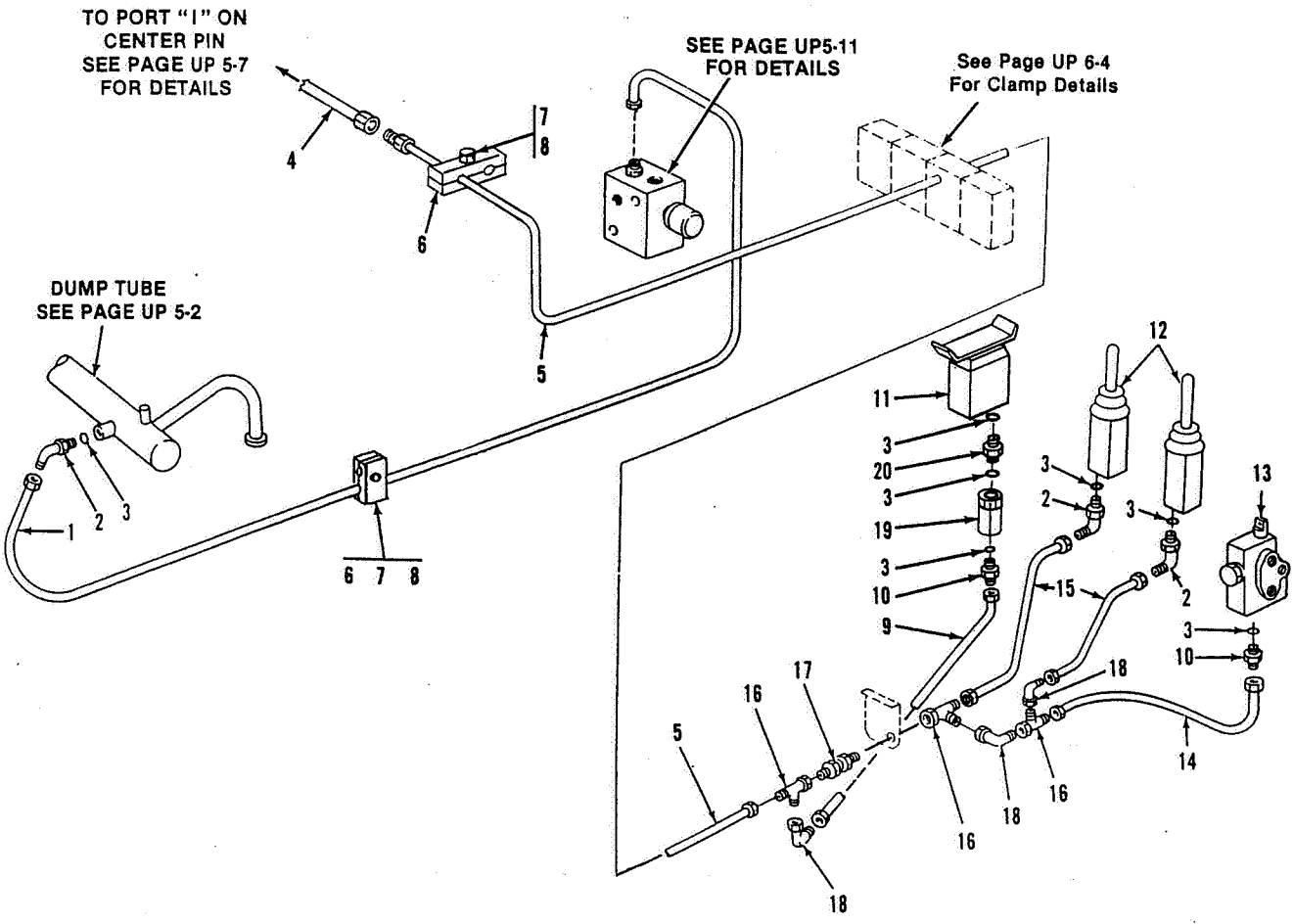
Item	Part No.	Qty.	Description Of Part
1	7736-3087	1	TUBE ASSY
2	8866-2084	3	ELBOW, 45 DEGREES (includes item 3)
3	8859-1204	7	O RING
4	7713-3412	1	HOSE ASSY
5	7736-3098	1	TUBE ASSY
6	7713-3270	1	CLAMP SET
7	8820-1005	1	HEX HD CAPSCREW, 1/4-20X1, GR5
8	8856-1002	1	FLAT WASHER, 1/4
9	7713-3406	1	TUBE ASSY
10	8866-2005	2	CONNECTOR (includes item 3)
11		REF	FOOT OPERATED PEDAL VALVE ASSY (see page UP 4-19 for details)
12		REF	JOY STICK ASSY (see page UP 4-9 for details)
13		REF	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)
14	7713-3340	1	HOSE ASSY
15	8471-7289	2	HOSE ASSY
16	8866-2239	3	RUN TEE (SWIVEL NUT)
17	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
18	8866-2105	3	ELBOW, 90 DEGREES (SWIVEL NUT)
19	7736-3178	1	CHECK VALVE
20	7713-3400	1	UNION

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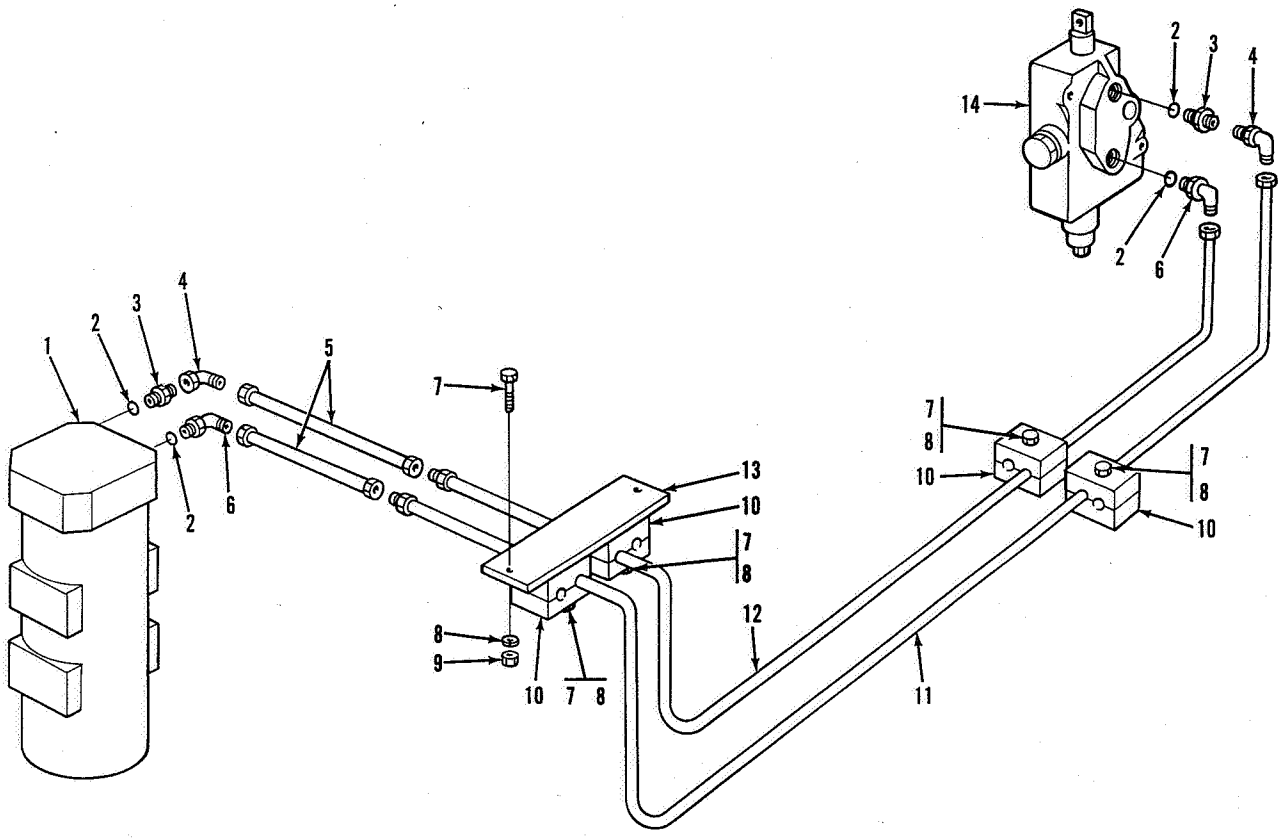
Item	Part No.	Qty.	Description Of Part
1	7736-3087	1	TUBE ASSY
2	8866-2084	3	ELBOW, 45 DEGREES (includes item 3)
3	8859-1204	5	O RING
4	7713-3412	1	HOSE ASSY
5	7736-3098	1	TUBE ASSY
6	7713-3270	1	CLAMP SET
7	8820-1005	1	HEX HD CAPSCREW, 1/4-20X1, GR5
8	8856-1002	1	FLAT WASHER, 1/4
9	7713-3406	1	TUBE ASSY
10	8866-2005	2	CONNECTOR (includes item 3)
11		REF	FOOT OPERATED PEDAL VALVE ASSY (see page UP 4-19 for details)
12		REF	JOY STICK ASSY (see page UP 4-9 for details)
13		REF	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)
14	7713-3340	1	HOSE ASSY
15	8471-7289	2	HOSE ASSY
16	8866-2239	3	RUN TEE (SWIVEL NUT)
17	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
18	8866-2105	3	ELBOW, 90 DEGREES (SWIVEL NUT)

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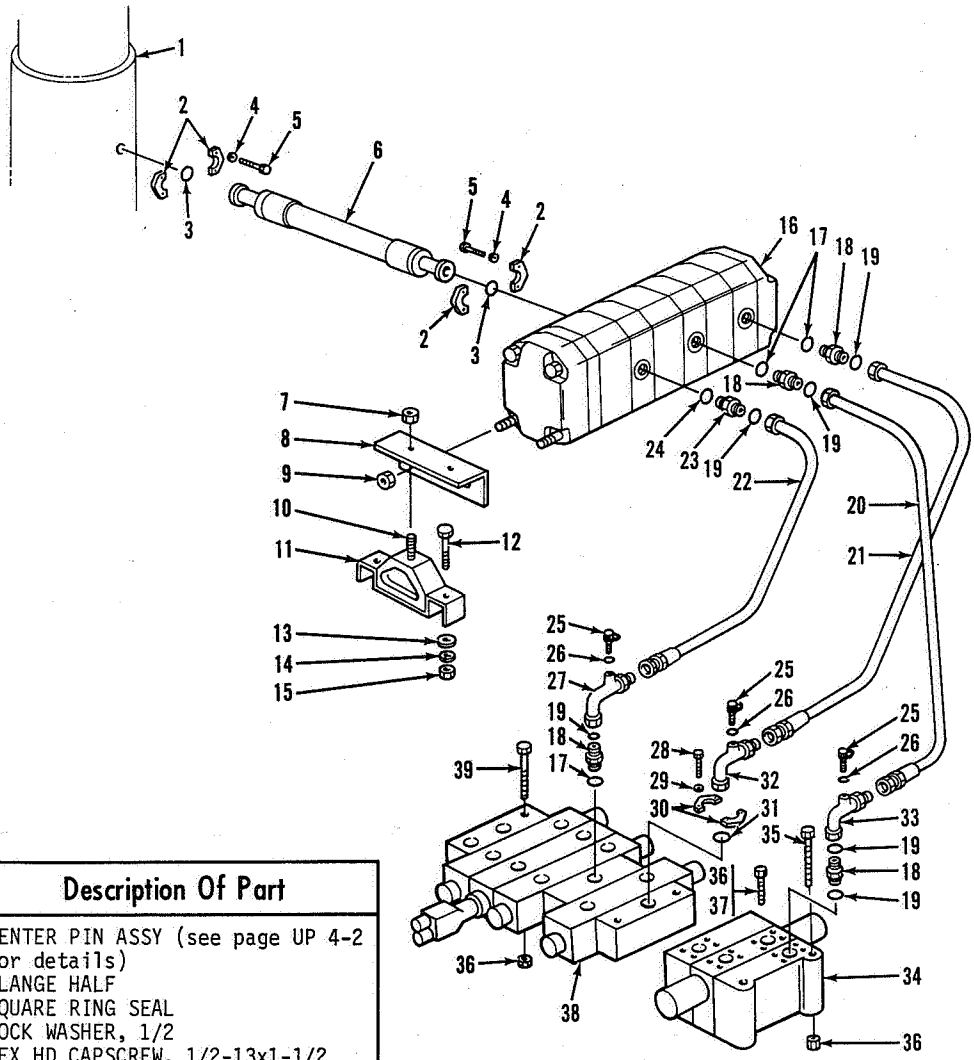
Item	Part No.	Qty.	Description Of Part
1	7736-3087	1	TUBE ASSY
2	8866-2084	3	ELBOW, 45 DEGREES (includes item 3)
3	8859-1204	7	O RING
4	7713-3412	1	HOSE ASSY
5	7736-3221	1	TUBE ASSY
6	7713-3270	2	CLAMP SET
7	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
8	8856-1002	2	FLAT WASHER, 1/4
9	7713-3406	1	HOSE ASSY
10	8866-2005	2	CONNECTOR (includes item 3)
11	7736-3144	REF	FOOT OPERATED PEDAL VALVE ASSY (see page UP 4-19 for details)
12	No Number	REF	JOY STICK ASSY (see page UP 4-9 for details)
13	7736-3143	REF	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)
14	7713-3406	1	HOSE ASSY
15	8471-7289	2	HOSE ASSY
16	8866-2239	3	RUN TEE (SWIVEL NUT)
17	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
18	8866-2105	3	ELBOW, 90 DEGREES (SWIVEL NUT)
19	7736-3178	1	CHECK VALVE
20	7713-3400	1	UNION

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Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8859-1204	4	O RING
3	8866-2005	2	CONNECTOR (includes item 2)
4	8866-2105	2	ELBOW, 90 DEGREES (SWIVEL NUT)
5	8471-6434	2	HOSE ASSY
6	8866-2064	2	ELBOW, 90 DEGREES (includes item 2)
7	8820-1005	8	HEX HD CAPSCREW, 1/4-20x1, GR 5
8	8856-1002	8	FLAT WASHER, 1/4
9	8850-1004	2	HEX NUT, 1/4-20
10	7713-3270	6	CLAMP SET
11	7736-3146	1	TUBE ASSY
12	7736-3145	1	TUBE ASSY
13	7734-6017	1	CLAMP PLATE WELDMENT
14		Ref	DIRECTIONAL CONTROL VALVE ASSY (see page UP 4-4 for details)

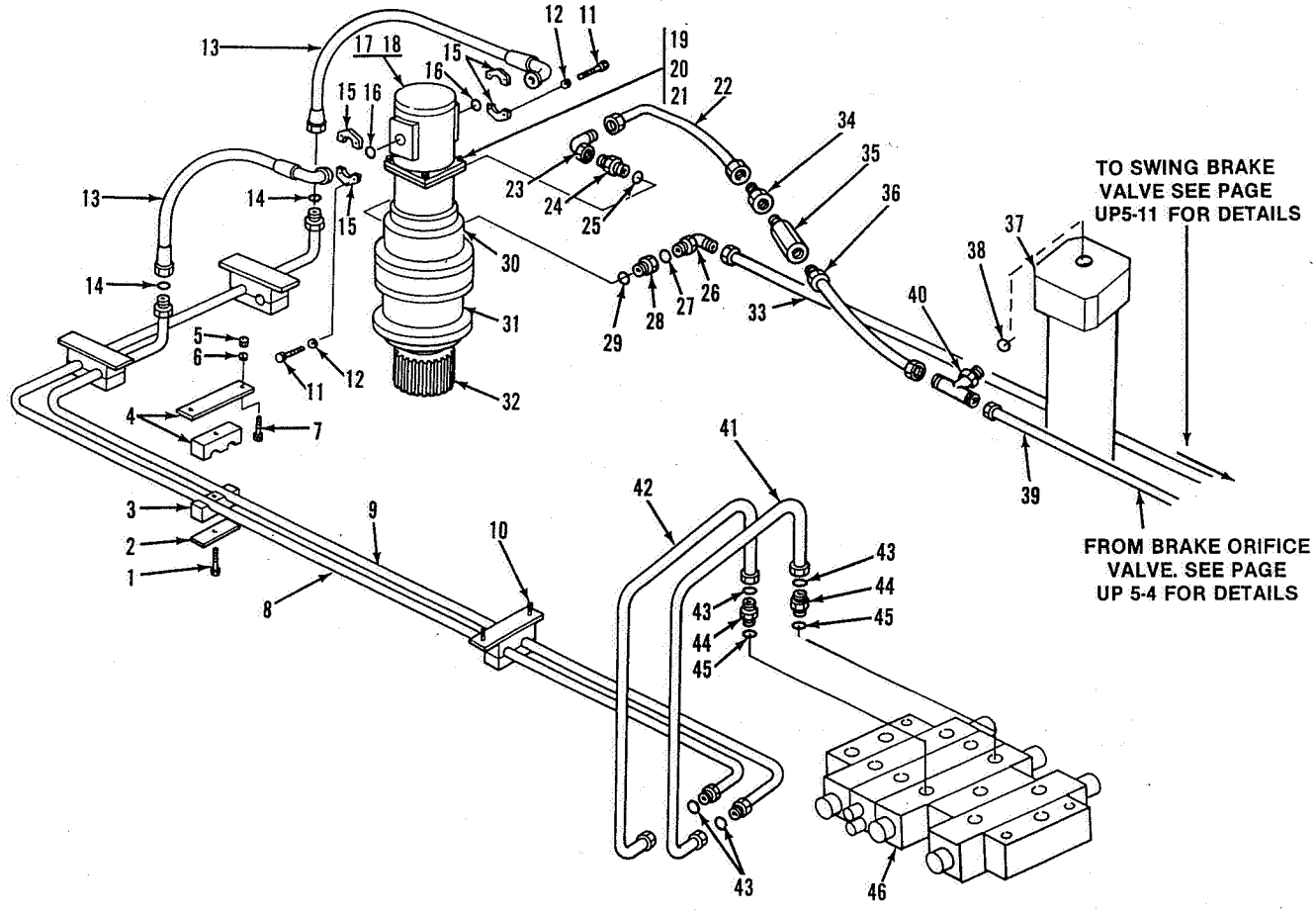
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Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8471-1342	4	FLANGE HALF
3	7736-3037	2	SQUARE RING SEAL
4	8855-1013	8	LOCK WASHER, 1/2
5	8820-1067	8	HEX HD CAPSCREW, 1/2-13x1-1/2 GR 5
6	8471-7431	1	HOSE ASSY
7	8850-1006	4	HEX NUT, 3/8-16
8	7734-1048	2	FLOW DIVIDER BRACKET
9	8850-1010	4	HEX NUT, 5/8-11
10	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR 5
11	7734-3005	4	CHAN-L-MOUNT
12	8820-1037	8	HEX HD CAPSCREW, 3/8-16x1-1/2 GR 5
13	8856-1004	8	FLAT WASHER, 3/8
14	8855-1011	8	LOCK WASHER, 3/8
15	8850-1006	8	HEX NUT, 3/8-16
16		Ref	FLOW DIVIDER ASSY (see page UP 4-3 for details)
17	8859-1209	4	O RING
18	8866-2306	4	CONNECTOR
19	8859-1508	8	O RING
20	8471-7475	1	HOSE ASSY
21	8471-7427	1	HOSE ASSY
22	8471-7429	1	HOSE ASSY
23	8866-2304	1	CONNECTOR
24	8859-1207	1	O RING
25	7713-3089	3	MINI-CHECK COUPLING
26	8859-1204	3	O RING
27	7736-3013	1	ELBOW, 90 DEGREES
28	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5

Item	Part No.	Qty.	Description Of Part
29	8855-1011	4	LOCK WASHER, 3/8
30	8471-1333	2	FLANGE HALF
31	8366-1304	1	SQUARE RING SEAL
32	7736-3015	1	ELBOW, 90 DEGREES
33	7736-3013	1	ELBOW, 90 DEGREES
34		Ref	BOOM CONTROL VALVE ASSY (see page UP 4-5 for details)
35	8820-1318	2	HEX HD CAPSCREW, 1/2-13x6, GR 5
36	8850-1008	6	HEX NUT, 1/2-13
37	8820-1071	1	HEX HD CAPSCREW, 1/2-13x2-1/2 GR 5
38		Ref	HOIST, TILT, TOOL & SWING CONTROL VALVE ASSY (see page UP 4-14 for details)
39	8820-1078	3	HEX HD CAPSCREW, 1/2-13x4-1/2 GR 5

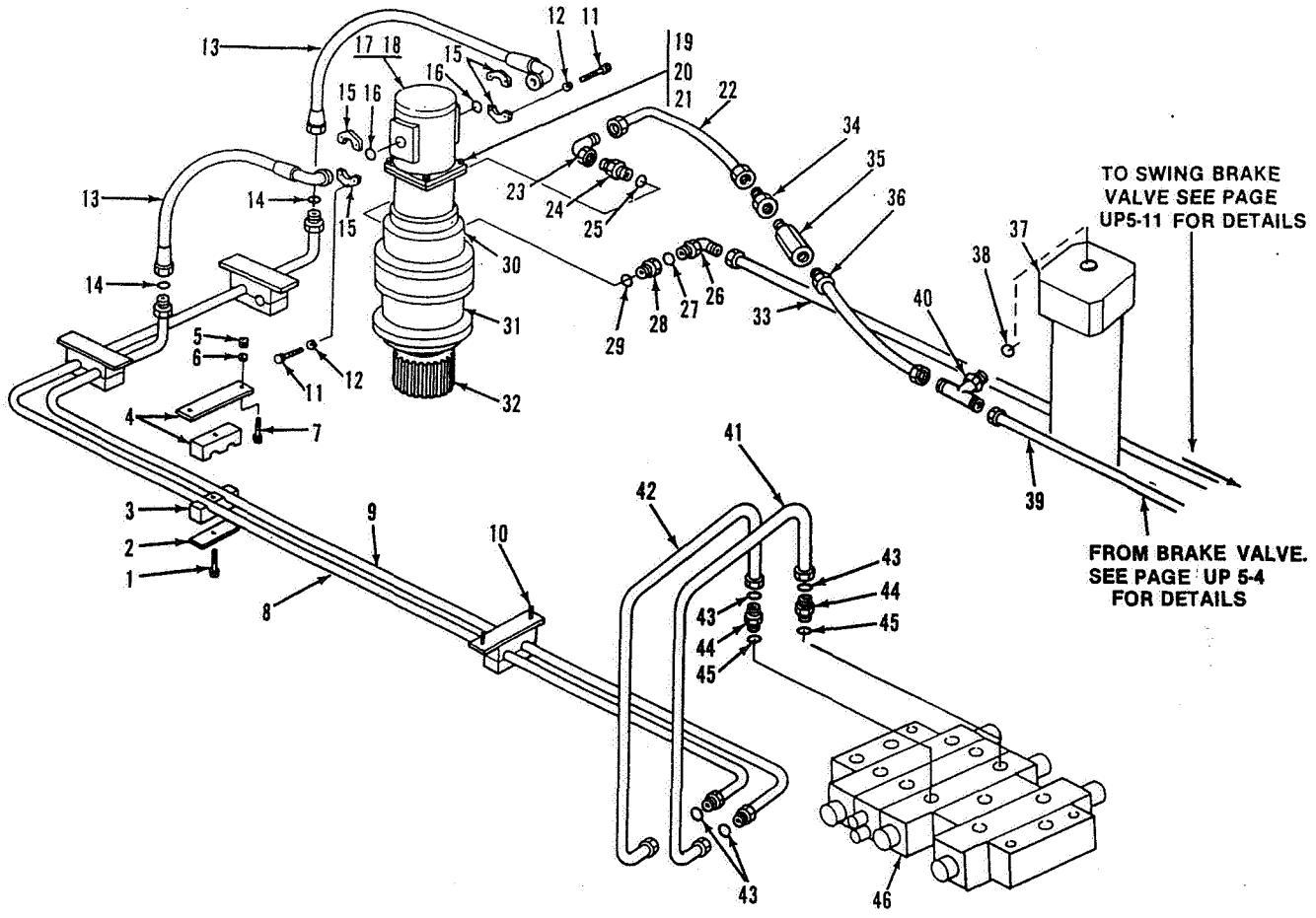
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Item	Part No.	Qty.	Description Of Part
1	8820-1023	4	HEX HD CAPSCREW, 5/16-18x1-3/4 GR 5
2	7713-3137	4	COVER PLATE
3	7713-3279	4	CLAMP HALVES
4	7734-6008	4	CLAMP BASE WELDMENT
5	8850-1006	8	HEX NUT, 5/16-18
6	8856-1004	8	FLAT WASHER, 5/16
7	8820-1037	6	HEX HD CAPSCREW, 3/8-16x1-1/2 GR 5
8	7736-3028	1	TUBE ASSY
9	7736-3029	1	TUBE ASSY
10	8820-1035	2	HEX HD CAPSCREW, 3/8-16x1, GR 5
11	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5
12	8855-1011	8	LOCK WASHER, 3/8
13	8471-7423	2	HOSE ASSY
14	8859-1508	2	O RING SEAL
15	8471-1369	4	FLANGE HALF
16	8503-1525	2	O RING
17		Ref	SWING MOTOR ASSY (see page UP 4-12 for details)
18	8568-1076	1	MOTOR GASKET
19	7734-1065	4	STUD
20	8855-1013	4	LOCK WASHER, 1/2
21	8540-3085	4	HEX LOCKNUT (lubricate and torque to 60-68 ft. lbs.)
22	7713-3412	1	HOSE ASSY
23	8866-2105	1	ELBOW, 90 DEGREES (SWIVEL NUT)
24	8866-2018	1	CONNECTOR (includes item 25)

Item	Part No.	Qty.	Description Of Part
25	8859-1206	1	O RING
26	8866-2064	1	ELBOW, 90 DEGREES (includes item 27)
27	8859-1204	1	O RING
28	8656-1311	1	EXPANDER (7/16-20 to 9/16-18)
29	8859-1202	1	O RING
30		Ref	SWING BRAKE ASSY (see page UP 4-10 for details)
31		Ref	SWING TRANSMISSION ASSY (see page UP 4-13 for details)
32	7734-1064	1	SWING PINION
33	8471-7420	1	HOSE ASSY
34	8874-3002	1	MALE ADAPTER, 1/4x3/8 TUBE
35	8584-1145	1	CHECK VALVE
36	7736-3110	1	TUBE ASSY
37		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
38	8859-1204	1	O RING
39	7713-3412	1	HOSE ASSY
40	8866-2152	1	BRANCH TEE (includes item 38)
41	7736-3027	1	TUBE ASSY
42	7736-3026	1	TUBE ASSY
43	8859-1509	4	O RING
44	8866-2309	2	CONNECTOR
45	8859-1207	2	O RING
46		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)

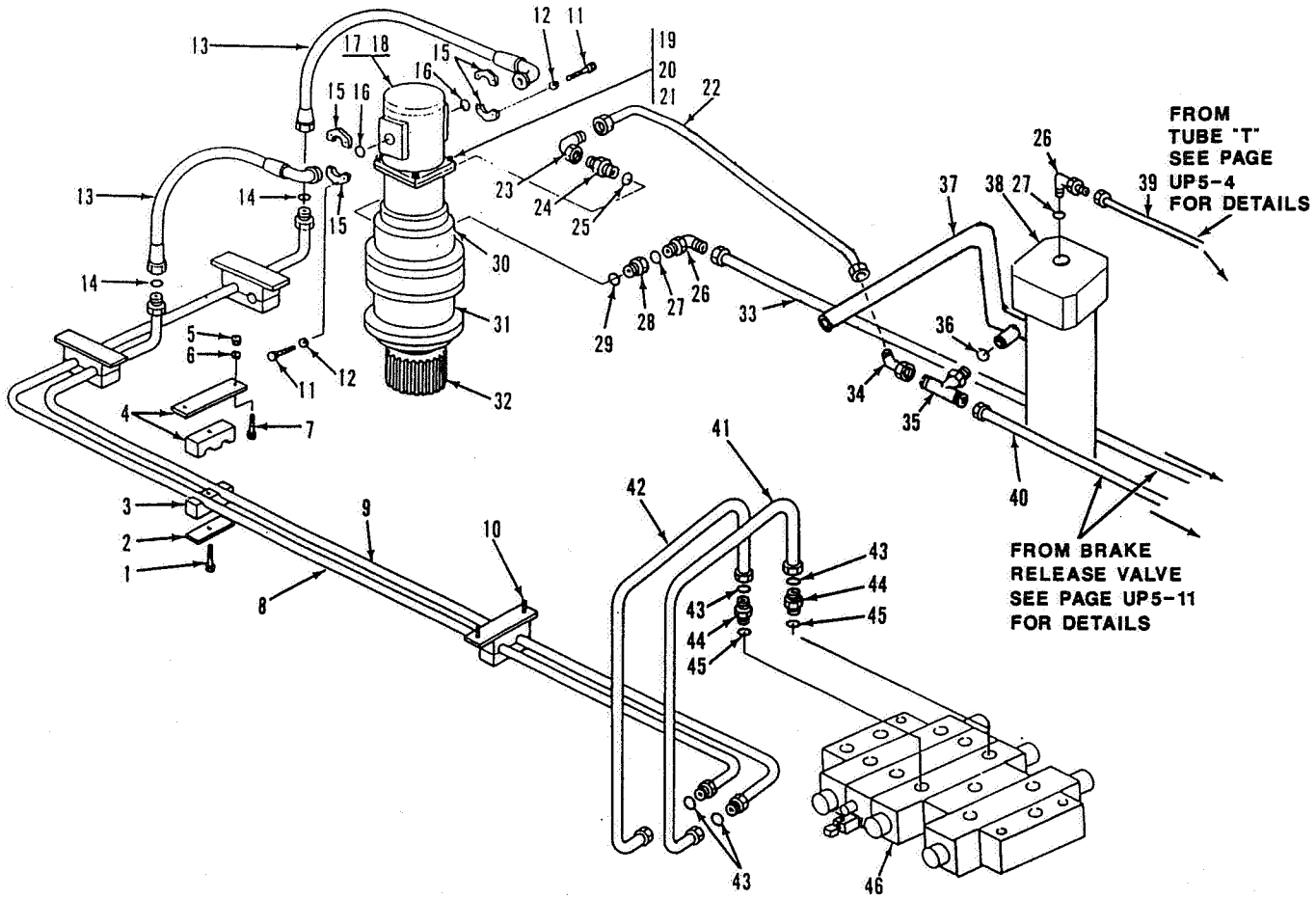
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Item	Part No.	Qty.	Description Of Part
1	8820-1023	4	HEX HD CAPSCREW, 5/16-18x1-3/4 GR 5
2	7713-3137	4	COVER PLATE
3	7713-3279	4	CLAMP HALVES
4	7734-6008	4	CLAMP BASE WELDMENT
5	8850-1006	8	HEX NUT, 5/16-18
6	8856-1004	8	FLAT WASHER, 5/16
7	8820-1037	6	HEX HD CAPSCREW, 3/8-16x1-1/2 GR 5
8	7736-3028	1	TUBE ASSY
9	7736-3029	1	TUBE ASSY
10	8820-1035	2	HEX HD CAPSCREW, 3/8-16x1, GR 5
11	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5
12	8855-1011	8	LOCK WASHER, 3/8
13	8471-7423	2	HOSE ASSY
14	8859-1508	2	O RING SEAL
15	8471-1369	4	FLANGE HALF
16	8503-1525	2	O RING
17	7734-3003	1	SWING MOTOR ASSY (see page UP 4-12 for details)
18	8568-1076	1	MOTOR GASKET
19	7734-1065	4	STUD
20	8855-1013	4	LOCK WASHER, 1/2
21	8540-3085	4	HEX LOCKNUT (lubricate and torque to 60-68 ft. lbs.)
22	7713-3412	1	HOSE ASSY
23	8866-2105	1	ELBOW, 90 DEGREES (SWIVEL NUT)
24	8866-2018	1	CONNECTOR (includes item 25)

Item	Part No.	Qty.	Description Of Part
25	8859-1206	1	O RING
26	8866-2064	1	ELBOW, 90 DEGREES (includes item 27)
27	8859-1204	1	O RING
28	8656-1311	1	EXPANDER (7/16-20 to 9/16-18)
29	8859-1202	1	O RING
30	7734-3017	1	SWING BRAKE ASSY (see page UP 4-10 for details)
31	7734-3012	1	SWING TRANSMISSION ASSY (see page UP 4-13 for details)
32	7734-1139	1	SWING PINION
33	8471-7420	1	HOSE ASSY
34	8874-3002	1	MALE ADAPTER, 1/4x3/8 TUBE
35	8584-1145	1	CHECK VALVE
36	7736-3110	1	TUBE ASSY
37	7736-5003	1	CENTER PIN ASSY (see page UP 4-2 for details)
38	8859-1204	1	O RING
39	7713-3412	1	HOSE ASSY
40	8866-2152	1	BRANCH TEE (includes item 38)
41	7736-3027	1	TUBE ASSY
42	7736-3026	1	TUBE ASSY
43	8859-1509	4	O RING
44	8866-2309	2	CONNECTOR
45	8859-1207	2	O RING
46	7736-3162	1	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)

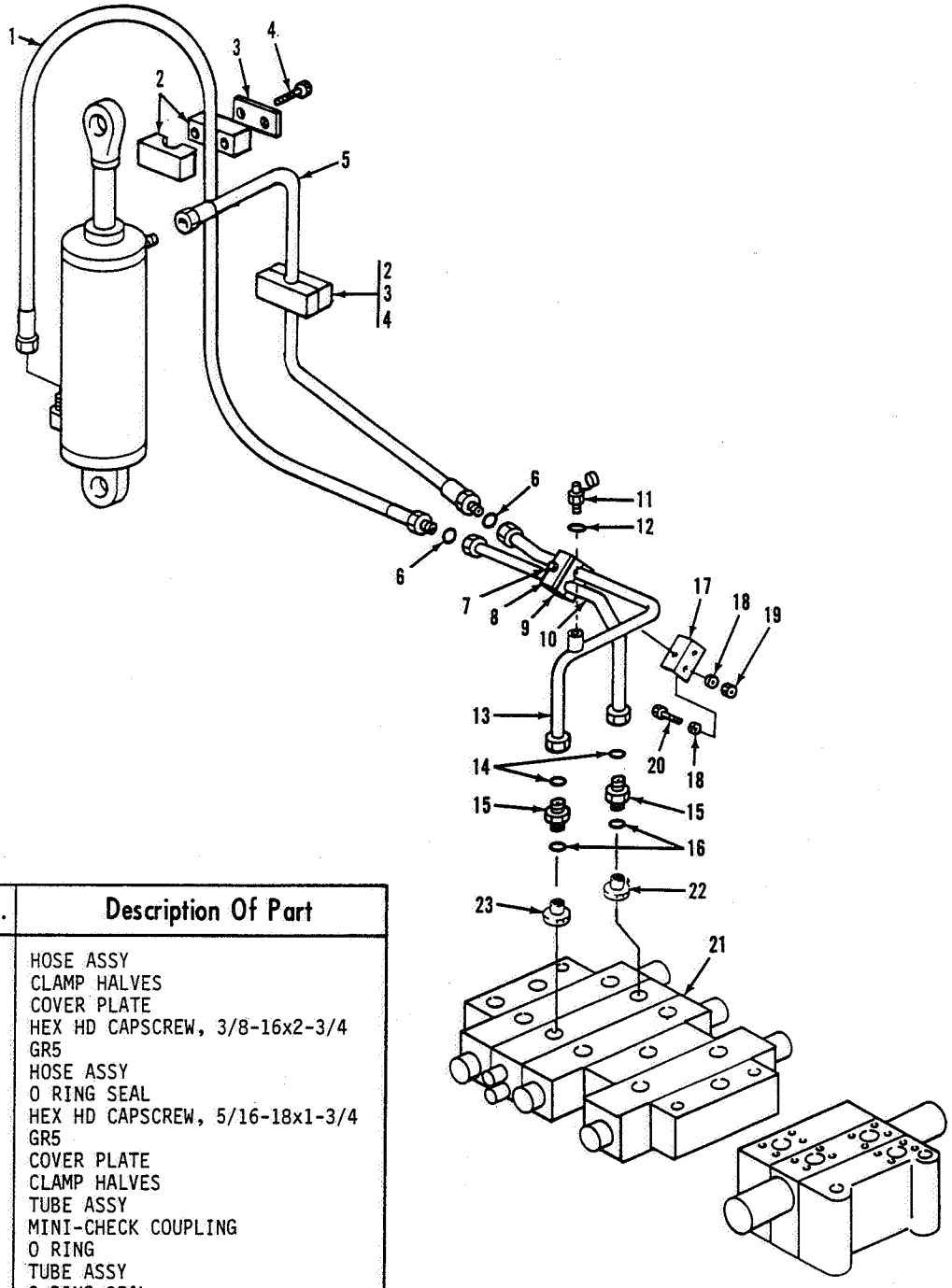
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Item	Part No.	Qty.	Description Of Part
1	8820-1023	4	HEX HD CAPSCREW, 5/16-18x1-3/4 GR 5
2	7713-3137	4	COVER PLATE
3	7713-3279	4	CLAMP HALVES
4	7734-6008	4	CLAMP BASE WELDMENT
5	8850-1006	8	HEX NUT, 5/16-18
6	8856-1004	8	FLAT WASHER, 5/16
7	8820-1037	6	HEX HD CAPSCREW, 3/8-16x1-1/2 GR 5
8	7736-3028	1	TUBE ASSY
9	7736-3029	1	TUBE ASSY
10	8820-1035	2	HEX HD CAPSCREW, 3/8-16x1, GR 5
11	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5
12	8855-1011	8	LOCK WASHER, 3/8
13	8471-7423	2	HOSE ASSY
14	8859-1508	2	O RING SEAL
15	8471-1369	4	FLANGE HALF
16	8503-1525	2	O RING
17	7734-3003	1	SWING MOTOR ASSY (see page UP 4-12 for details)
18	8568-1076	1	MOTOR GASKET
19	7734-1065	4	STUD
20	8855-1013	4	LOCK WASHER, 1/2
21	8540-3085	4	HEX LOCKNUT (lubricate and torque to 60-68 ft. lbs.)
22	7713-3412	1	HOSE ASSY
23	8866-2105	1	ELBOW, 90 DEGREES (SWIVEL NUT)
24	8866-2018	1	CONNECTOR (includes item 25)

Item	Part No.	Qty.	Description Of Part
25	8859-1206	1	O RING
26	8866-2064	2	ELBOW, 90 DEGREES (includes item 27)
27	8859-1204	2	O RING
28	8656-1311	1	EXPANDER (7/16-20 to 9/16-18)
29	8859-1202	1	O RING
30	7734-3017	1	SWING BRAKE ASSY (see page UP4-10 for details)
31	7734-3069	1	SWING TRANSMISSION ASSY (see page UP4-13 for details)
32	7734-1139	1	SWING PINION
33	8471-7420	1	HOSE ASSY
34	8866-2119	1	ELBOW, 45 DEGREES (SWIVEL NUT)
35	8866-2152	1	BRANCH TEE (includes item 36)
36	8859-1204	1	O RING
37	7736-3117	1	DUMP TUBE ASSY (see page UP5-2 for details)
38	7736-5003	1	CENTER PIN ASSY (see page UP4-2 for details)
39	7713-3412	1	HOSE ASSY
40	7713-3197	1	HOSE ASSY
41	7736-3027	1	TUBE ASSY
42	7736-3026	1	TUBE ASSY
43	8859-1509	4	O RING
44	8866-2309	2	CONNECTOR
45	8859-1207	2	O RING
46	7736-3215	1	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP4-14 for details)

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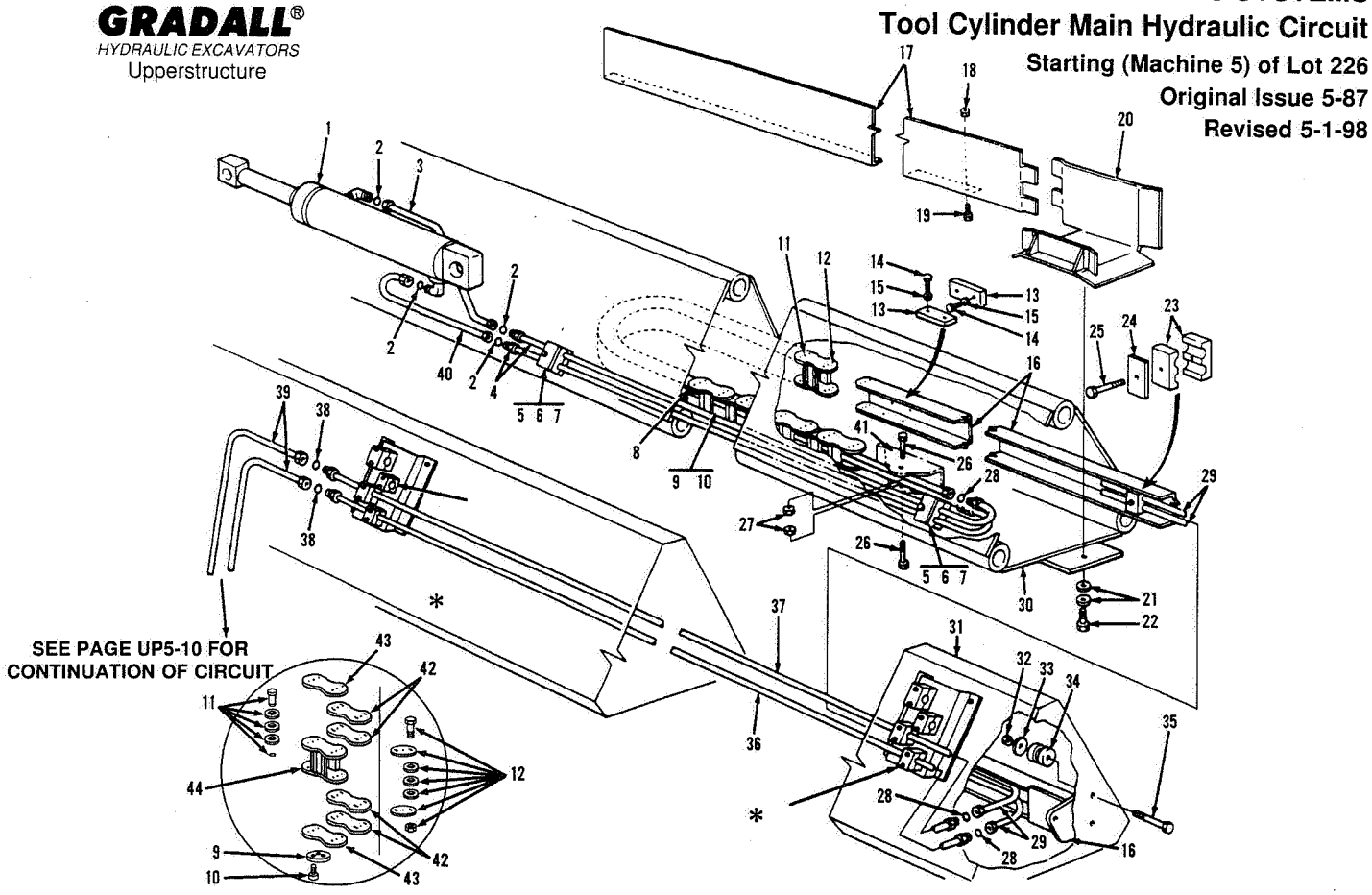


Item	Part No.	Qty.	Description Of Part
1	8471-7424	1	HOSE ASSY
2	8325-1289	2	CLAMP HALVES
3	8325-1291	2	COVER PLATE
4	8820-1042	4	HEX HD CAPSCREW, 3/8-16x2-3/4 GR5
5	8471-7425	1	HOSE ASSY
6	8859-1508	2	O RING SEAL
7	8820-1023	1	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
8	7713-3137	1	COVER PLATE
9	7713-3279	1	CLAMP HALVES
10	7736-3031	1	TUBE ASSY
11	7713-3089	1	MINI-CHECK COUPLING
12	8859-1204	1	O RING
13	7736-3030	1	TUBE ASSY
14	8859-1509	2	O RING SEAL
15	8364-1876	2	SPECIAL CONNECTOR
16	8859-1207	2	O RING
17	7734-6006	1	CLAMP BRACKET
18	8856-1004	4	FLAT WASHER, 3/8
19	8850-1006	2	HEX NUT, 3/8-16
20	8820-1035	2	HEX HD CAPSCREW, 3/8-16x1, GR5
21	7736-3215	Ref	HOIST, SWING TILT & TOOL CONTROL VALVE ASSY (see page UP4-14 for details)
22	7713-3853	1	ORIFICE CHECK, 3/32 DIAMETER (FRONT PORT)(C.W.TILT)
23	7736-4254	1	ORIFICE CHECK, 1/16 DIAMETER (REAR PORT)(C.C.W.TILT)

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MAIN HYDRAULIC SYSTEMS
Tool Cylinder Main Hydraulic Circuit

Starting (Machine 5) of Lot 226
Original Issue 5-87
Revised 5-1-98



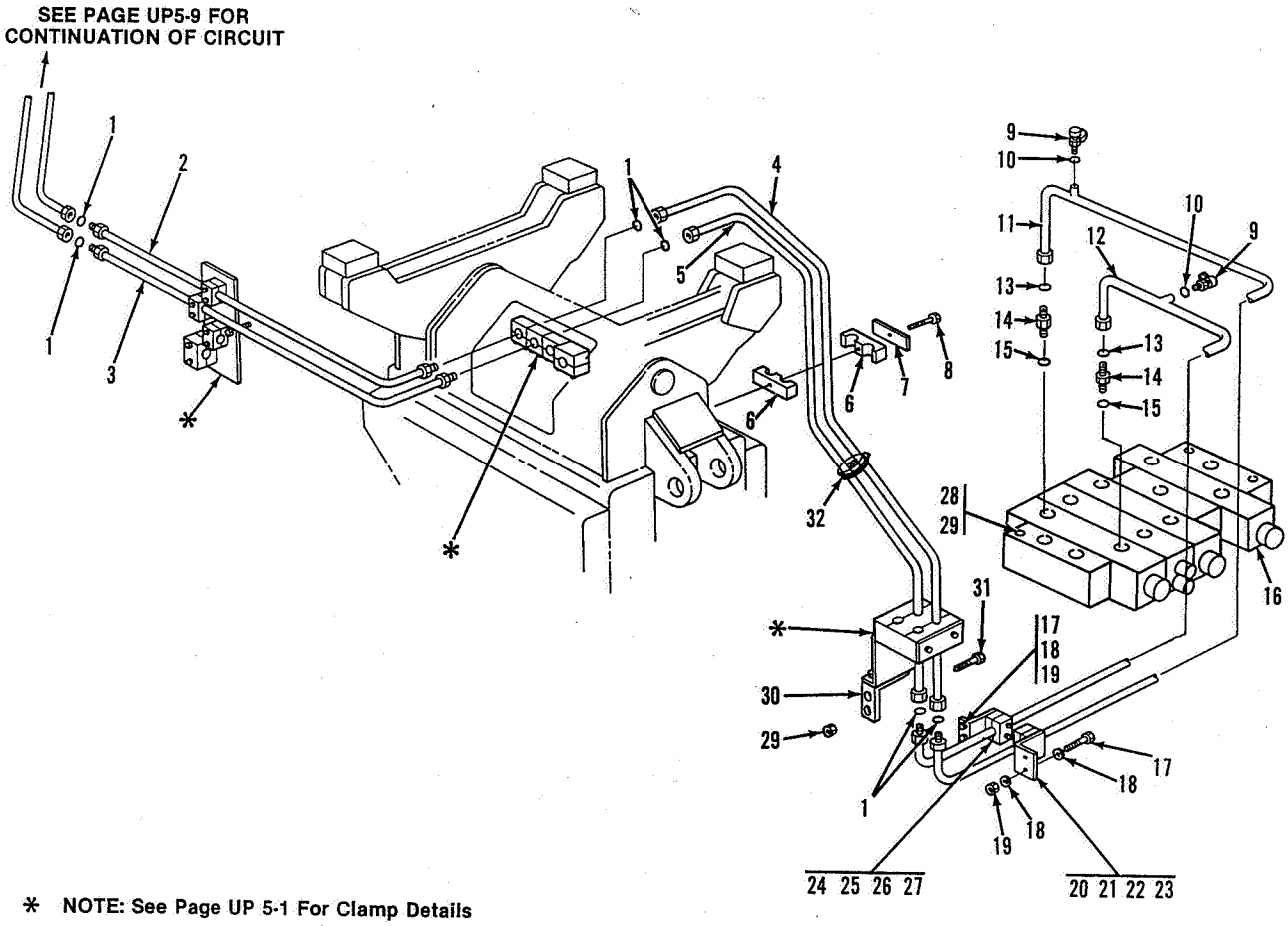
NOTE: QUANTITIES FOR ONE LINK PORTION ARE AS FOLLOWS;
1 EA. CARRIER LINK WELDMENT, (ITEM 44)
2 EA. CARRIER LINK, (ITEM 43)
4 EA. RADIUS LINK, (ITEM 42)
6 EA. LINK PIN ASSY, (ITEM 11)
1 EA. GLIDE BAR DISC, (ITEM 9)
3 EA. SOCKET BUTTON HD CAPSCREW, (ITEM 10)

Item	Part No.	Qty.	Description Of Part
1		Ref	TOOL CYLINDER ASSY, (see page UP4-17 for details)
2	8859-1508	4	O-RING SEAL
3	8471-7428	1	HOSE ASSY
4	7732-3016	2	TOOL TUBE ASSY
5	7713-3137	4	COVER PLATE
6	7713-3279	4	CLAMP SET
7	8820-1023	4	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5, (lubricate & torque to 94-104 in. lbs.)
8	7732-3028	1	HOSE CARRIER ASSY, (includes items 9 thru 12)
9	7732-4001	AR	GLIDE BAR
10	8826-1105	AR	SOCKET BUTTON HD CAPSCREW, #10-32X1/4
*11	7732-4002	162	LINK PIN ASSY
*12	7732-4003	6	LINK BOLT ASSY
13	9103-3186	2	BEARING
14	8820-1530	4	HEX HD CAPSCREW, 3/8-24X1/2, GR5
15	8855-1011	4	LOCKWASHER, 3/8
16	7732-6031	1	CHANNEL WELDMENT
17	7732-1164	1	GUIDE
18	8852-1306	4	HEX LOCKNUT, 3/8-16
19	8841-1062	4	ROUND HD CARRIAGE BOLT, 3/8-16X1
20	7732-6032	1	WEAR GUIDE WELDMENT

Item	Part No.	Qty.	Description Of Part
21	8856-1006	2	FLAT WASHER, 1/2
22	8820-1063	1	HEX HD CAPSCREW, 1/2-13X3/4, GR5
23	7713-3279	5	CLAMP SET
24	7713-3137	5	COVER PLATE
25	8820-1023	5	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5, (lubricate & torque to 94-104 in. lbs.)
26	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
27	8852-1206	2	HEX LOCKNUT, 3/8-16
28	8859-1507	4	O-RING SEAL
29	8471-7433	2	HOSE ASSY
30		Ref	TELESCOPIC BOOM ASSY, (see page UP2-5 for details)
31		Ref	MAIN BOOM ASSY, (see page UP2-3 for details)
32	8852-1310	3	HEX LOCKNUT, 5/8-11
33	8688-1287	3	FLAT WASHER
34	8347-1033	3	MOUNTING PAD
35	8820-1105	3	HEX HD CAPSCREW, 3/8-11X4, GR5
36	7732-3018	1	MAIN TOOL TUBE ASSY
37	7732-3024	1	MAIN TOOL TUBE ASSY
38	8859-1508	2	O-RING SEAL
39	8471-7456	2	HOSE ASSY
40	8471-7429	1	HOSE ASSY
41	7732-1159	1	MOUNTING BRACKET
*42	7732-4005	AR	RADIUS LINK
*43	7732-4006	AR	CARRIER LINK
*44	7732-4007	AR	CARRIER LINK WELDMENT

** - Added items 42 thru 44; changed quantity on items 11 & 12; added chain track illustration to lower left of illustration.*

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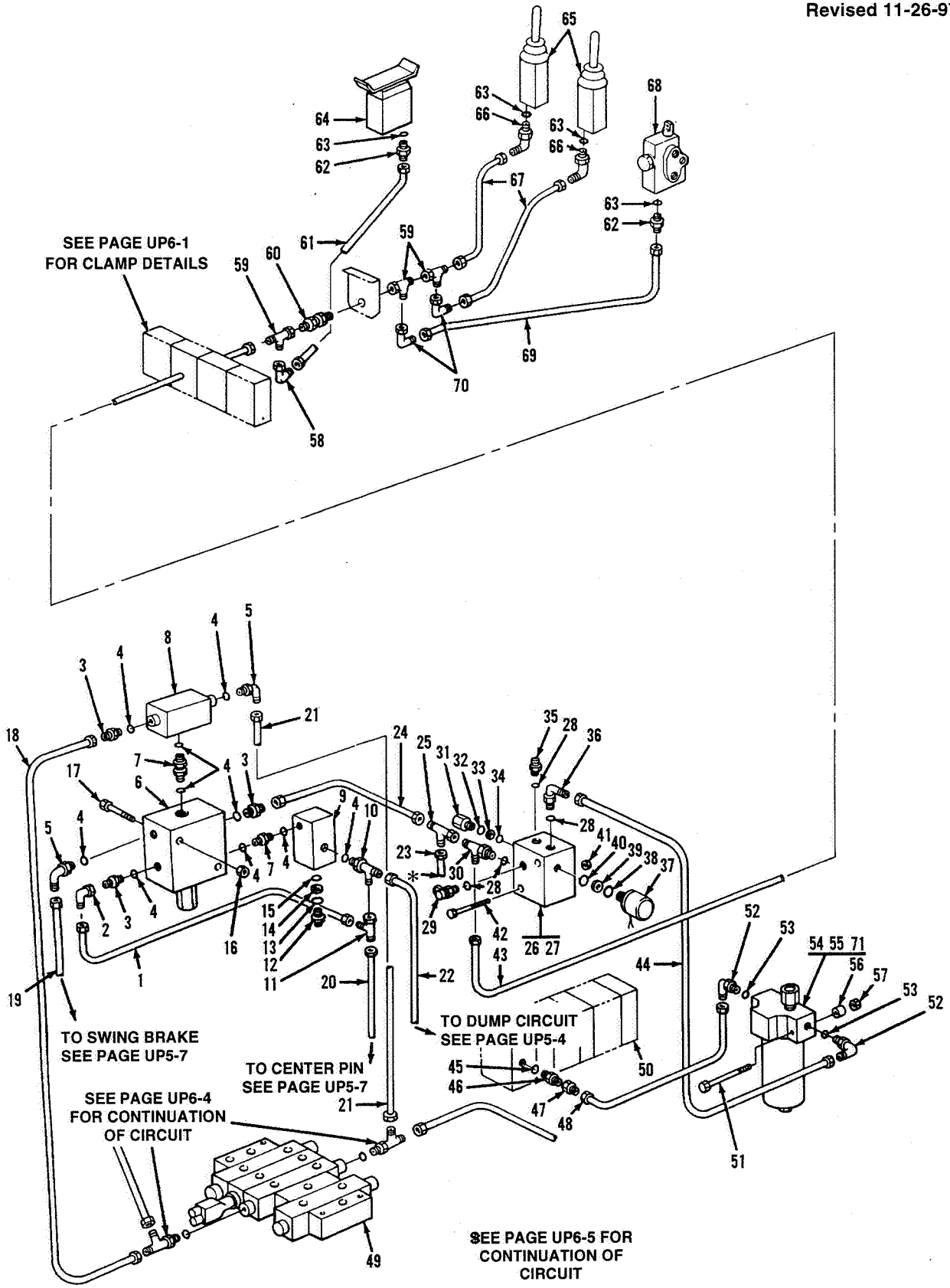
* NOTE: See Page UP 5-1 For Clamp Details

Item	Part No.	Qty.	Description Of Part
1	8859-1508	6	O RING SEAL
2	7732-3006	1	TUBE ASSY
3	7732-3007	1	TUBE ASSY
4	8471-7438	1	HOSE ASSY
5	8471-7439	1	HOSE ASSY
6	7713-3133	1	CLAMP SET
7	7713-3134	1	COVER PLATE
8	8820-1024	1	HEX HD CAPSCREW, 5/16-18, GR 5
9	7713-3089	2	MINI-CHECK COUPLING
10	8859-1204	2	O RING
11	7736-3023	1	TUBE ASSY
12	7736-3022	1	TUBE ASSY
13	8859-1509	2	O RING SEAL
14	8866-2309	2	CONNECTOR
15	8859-1207	2	O RING
16		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
17	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR 5
18	8856-1004	8	FLAT WASHER, 3/8
19	8850-1006	4	HEX NUT, 3/8-16
20	7734-6005	1	CLAMP BRACKET
21	7736-3035	1	CLAMP HALVES
22	7713-3281	1	COVER PLATE
23	8820-1026	1	HEX HD CAPSCREW, 5/16-18x2-1/2 GR 5
24	7734-6006	1	CLAMP BRACKET
25	7713-3279	1	CLAMP HALVES
26	7713-3137	1	COVER PLATE
27	8820-1023	1	HEX HD CAPSCREW, 5/16-18x1-3/4 GR 5
28	8820-1078	3	HEX HD CAPSCREW, 1/2-13x4-1/2 GR 5
29	8850-1008	5	HEX NUT, 1/2-13
30	7734-1044	1	SUPPORT CLAMP
31	8820-1065	2	HEX HD CAPSCREW, 1/2-13x1, GR 5
32	9002-7187	4	TIE STRAP

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MAIN HYDRAULIC SYSTEMS
Supply Hydraulic Circuit (Continued)

Starting Lot 229
Original Issue 5-87
Revised 11-26-97



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MAIN HYDRAULIC SYSTEMS
Supply Hydraulic Circuit (Continued)

Starting Lot 229
Original Issue 5-87
Revised 11-26-97

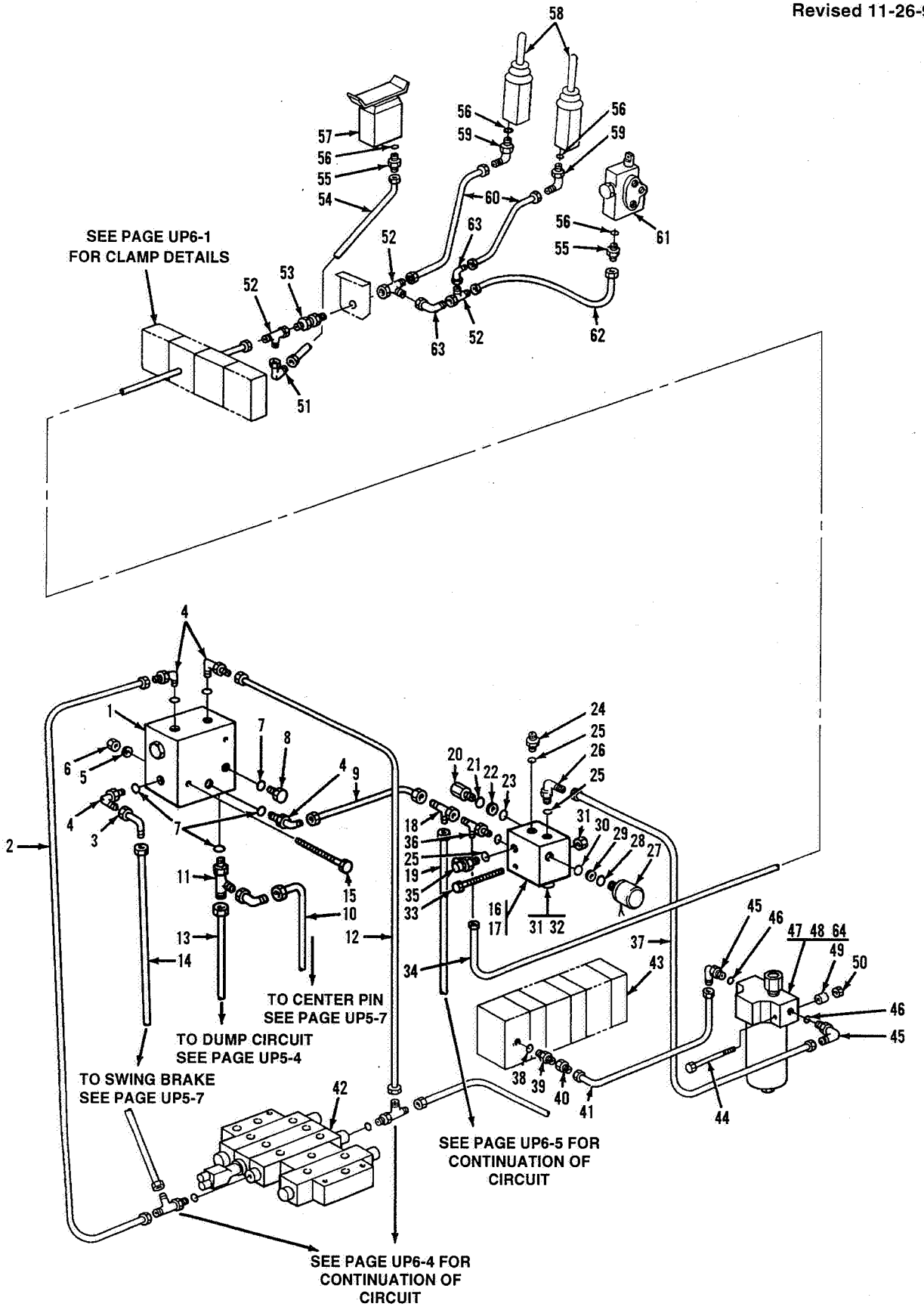
Item	Part No.	Qty.	Description Of Part
	7734-5011	1	SWING BRAKE VALVE ASSY, (includes items 1 thru 15)
1	7713-3340	1	HOSE ASSY
2	8866-2105	1	ELBOW, 90 DEGREES, (SWIVEL NUT)
3	8866-2005	3	CONNECTOR, (includes item 4)
4	8859-1204	10	O-RING
5	8866-2064	2	ELBOW, 90 DEGREES, (includes item 4)
6	7736-3129	1	SWING BRAKE VALVE ASSY, (see page UP4-11 for details)
7	7713-3400	2	UNION
8	7713-3028	1	SHUTTLE VALVE
9	7716-1316	1	BRAKE ORIFICE VALVE
10	8866-2139	1	RUN TEE, (includes item 4)
11	8866-2239	1	SWIVEL NUT RUN TEE
12	7713-3186	1	FLOW REGULATING CARTRIDGE, (includes items 13, 14, 15)
13	8859-1206	1	O-RING
14	7713-3603	1	BACK-UP RING
15	7713-3506	1	O-RING
16	8850-1004	2	HEX NUT, 1/4-20
17	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
18	7736-3161	1	HOSE ASSY
19	8471-7420	1	HOSE ASSY
20	7713-3412	1	HOSE ASSY
21	7736-3084	1	TUBE ASSY
22	7736-3098	1	TUBE ASSY
23	7736-3159	1	TUBE ASSY
24	7736-3154	1	TUBE ASSY
25	8866-2239	1	SWIVEL NUT RUN TEE
26	7734-5012	1	PILOT VALVE ASSY, (includes items 27 thru 40)
27	7736-1021	1	VALVE BLOCK
28	8859-1204	4	O-RING
29	7713-3089	1	MINI-CHECK COUPLING
30	8866-2139	1	RUN TEE, (includes item 28)
31	7736-3122	1	RELIEF VALVE ASSY, (includes item 32, 33, 34)
32	8859-1206	1	O-RING
33	7713-3603	1	BACK-UP RING
34	7713-3506	1	O-RING
35	8866-2005	1	CONNECTOR, (includes item 28)
36	8866-2064	1	ELBOW, 90 DEGREES, (includes item 28)
37	7736-3121	1	SOLENOID VALVE ASSY, (includes items 38, 39, 40)
38	8859-1206	1	O-RING
39	7713-3608	1	BACK-UP IRNG
40	7713-3510	1	O-RING
41	8850-1005	2	HEX NUT, 5/16-18
42	8820-1025	2	HEX HD CAPSCRWE, 5/16-18X2-1/4, GR5
43	7736-3092	1	TUBE ASSY
44	7713-3406	1	TUBE ASSY
45	8859-1205	1	O-RING
46	8866-2020	1	CONNECTOR, (includes item 45)
47	8688-3469	1	ADAPTER
48	8471-6751	1	HOSE ASSY
49	7736-3162	1	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY, (see page UP4-14 for details)
50	7736-3004	1	FLOW DIVIDER ASSY, (see page UP4-3 for details)
51	8820-1014	2	HEX HD CAPSCREW, 1/4-20X3-1/4, GR5
52	8866-2064	2	ELBOW, 90 DEGREES, (includes items 53)
53	8859-1204	2	O-RING
*54	7736-3169	1	FILTER ASSY, (includes item 55 & 71)
55	7736-4178	1	FILTER ELEMENT
56	7736-3170	2	SPACER
57	8850-1004	2	HEX NUT, 1/4-20
58	8866-2119	1	ELBOW, 45 DEGREES, (SWIVEL NUT)
59	8866-2239	3	SWIVEL NUT RUN TEE
60	8866-1084	1	BULKHEAD UNION
61	7713-3447	1	HOSE ASSY
62	8866-2005	2	CONNECTOR, (includes item 63)
63	8859-1204	4	O-RING
64	7736-3144	1	FOOT OPERATED PEDAL VALVE, (see page UP4-19 for details)
65	7736-3166	1	JOYSTICK ASSY, (see page UP4-19 for details)
66	8866-2084	2	ELBOW, 45 DEGREES, (includes item 63)
67	8471-7289	2	HOSE ASSY
68	7736-3143	1	DIRECTIONAL CONTROL VALVE, (see page UP4-4 for details)
69	7713-3406	1	HOSE ASSY
70	8866-2105	2	ELBOW, 90 DEGREES, (SWIVEL NUT)
*71	8093-4546	1	VISUAL INDICATOR

** - Added item 71; changed note on item 54.*
ECN 17957-PM

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MAIN HYDRAULIC SYSTEMS
Supply Hydraulic Circuit (Continued)

Starting (Machine 9) of Lot 231
Original Issue 10-87
Revised 11-26-97



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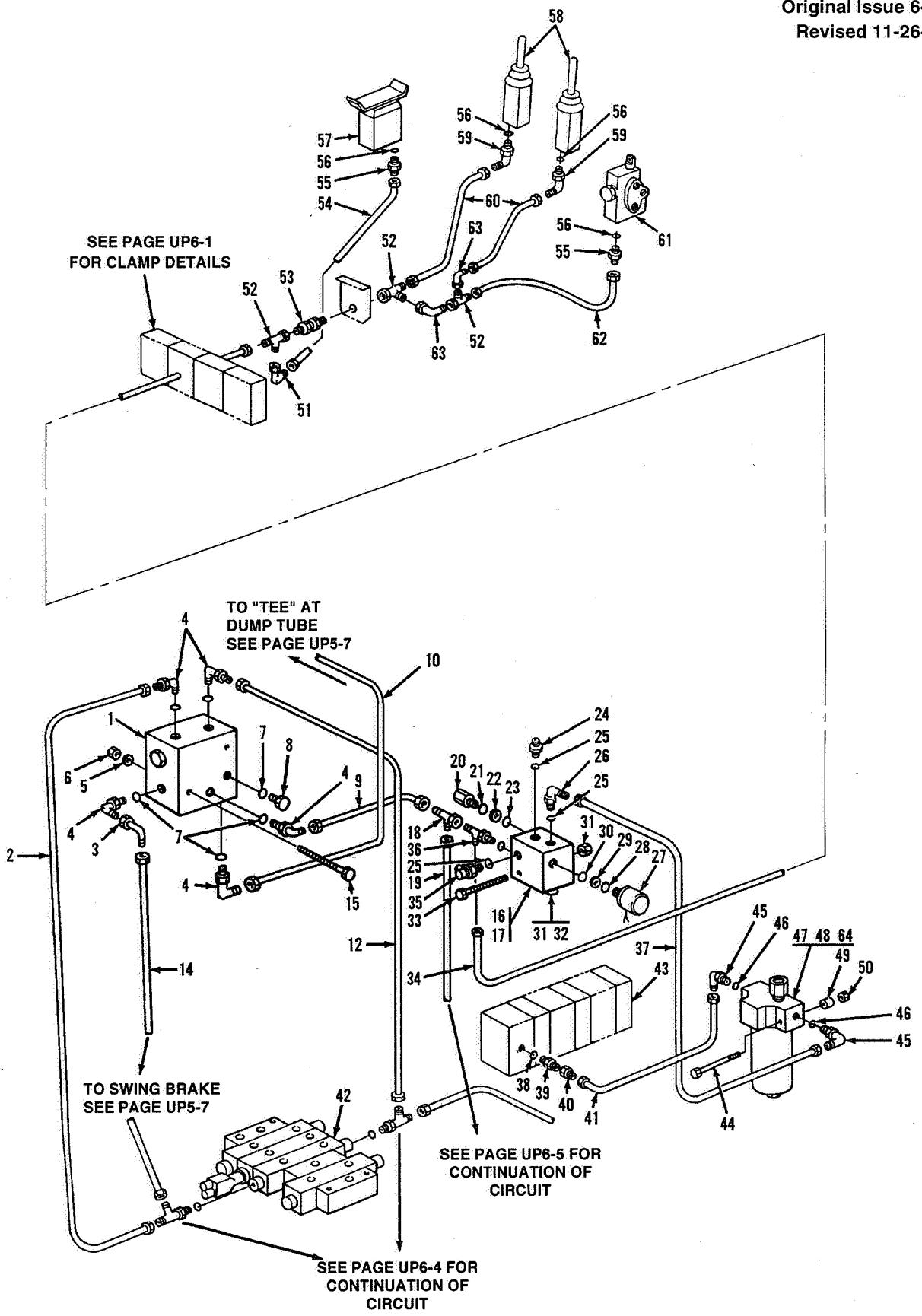
Item	Part No.	Qty.	Description Of Part
1		Ref	BRAKE RELEASE VALVE ASSY, (see page UP4-11 for details)
2	7736-3174	1	TUBE ASSY
3	8866-2105	2	ELBOW, 90 DEGREES, (SWIVEL NUT)
4	8866-2064	4	ELBOW, 90 DEGREES, (includes item 7)
5	8855-1010	2	LOCKWASHER, 5/16
6	8850-1005	2	HEX NUT, 5/16-18
7	8859-1204	6	O-RING
8	8866-2174	1	HEX HD PLUG, (includes item 7)
9	7736-3173	1	TUBE ASSY
10	7713-3412	1	HOSE ASSY
11	8866-2139	1	RUN TEE, (includes item 7)
12	7736-3175	1	TUBE ASSY
13	7736-3171	1	TUBE ASSY
14	8471-7420	1	HOSE ASSY
15	8820-1024	2	HEX HD CAPSCREW, 5/16-18X2, GR5
16	7734-3040	1	PILOT VALVE ASSY, (includes items 17 thru 30)
17		1	VALVE BLOCK
18	8866-2239	1	SWIVEL NUT RUN TEE
19	7736-3172	1	TUBE ASSY
20	7736-3122	1	RELIEF VALVE ASSY, (includes items 21, 22, 23)
21	8859-1206	1	O-RING
22	7713-3603	1	BACK-UP RING
23	7713-3506	1	O-RING
24	8866-2005	1	CONNECTOR, (includes item 25)
25	8859-1204	5	O-RING
26	8866-2064	1	ELBOW, 90 DEGREES, (includes item 25)
27	7736-3121	1	SOLENOID VALVE ASSY, (includes items 28, 29, 30)
28	8859-1206	1	O-RING
29	7713-3608	1	BACK-UP RING
30	7713-3510	1	O-RING
31	8850-1005	2	HEX NUT, 5/16-18
32	8866-2174	1	HEX HD PLUG, (includes item 25)
33	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
34	7736-3092	1	TUBE ASSY
35	7713-3089	1	MINI-CHECK COUPLING, (includes item 25)
36	8866-2139	1	RUN TEE, (includes item 25)
37	7713-3406	1	TUBE ASSY
38	8859-1205	1	O-RING
39	8866-2020	1	CONNECTOR, (includes item 38)
40	8688-3469	1	ADAPTER
41	8471-6751	1	HOSE ASSY
42		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASY, (see page UP4-14 for details)
43		Ref	FLOW DIVIDER, ASSY, (see page UP4-3 for details)
44	8820-1014	2	HEX HD CAPSCREW, 1/4-20X3-1/4, GR5
45	8866-2064	2	ELBOW, 90 DEGREES, (includes item 46)
46	8859-1204	2	O-RING
*47	7736-3169	1	FILTER ASSY, (includes item 48 & 64)
48	7736-4178	1	FILTER ELEMENT
49	7736-3170	2	SPACER
50	8850-1004	2	HEX NUT, 1/4-20
51	8866-2119	1	ELBOW, 45 DEGREES, (SWIVEL NUT)
52	8866-2239	3	SWIVEL NUT RUN TEE
53	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
54	7713-3447	1	HOSE ASSY
55	8866-2005	2	CONNECTOR, (includes item 56)
56	8859-1204	4	O-RING
57		Ref	FOOT OPERATED PEDAL VALVE, (see page UP4-19 for details)
58		Ref	JOYSTICK ASSY, (see page UP4-9 for details)
59	8866-2084	2	ELBOW, 45 DEGREES, (includes item 56)
60	8471-7289	2	HOSE ASSY
61		Ref	DIRECTIONAL CONTROL VALVE, (see page UP4-4 for details)
62	7713-3406	1	HOSE ASSY
63	8866-2105	2	ELBOW, 90 DEGREES, (SWIVEL NUT)
*64	8093-4546	1	VISUAL INDICATOR
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

** - Added item 64; changed note on item 47.*

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MAIN HYDRAULIC SYSTEMS
Supply Hydraulic Circuit (Continued)

Starting (Machine 4) of Lot 258
Original Issue 6-89
Revised 11-26-97



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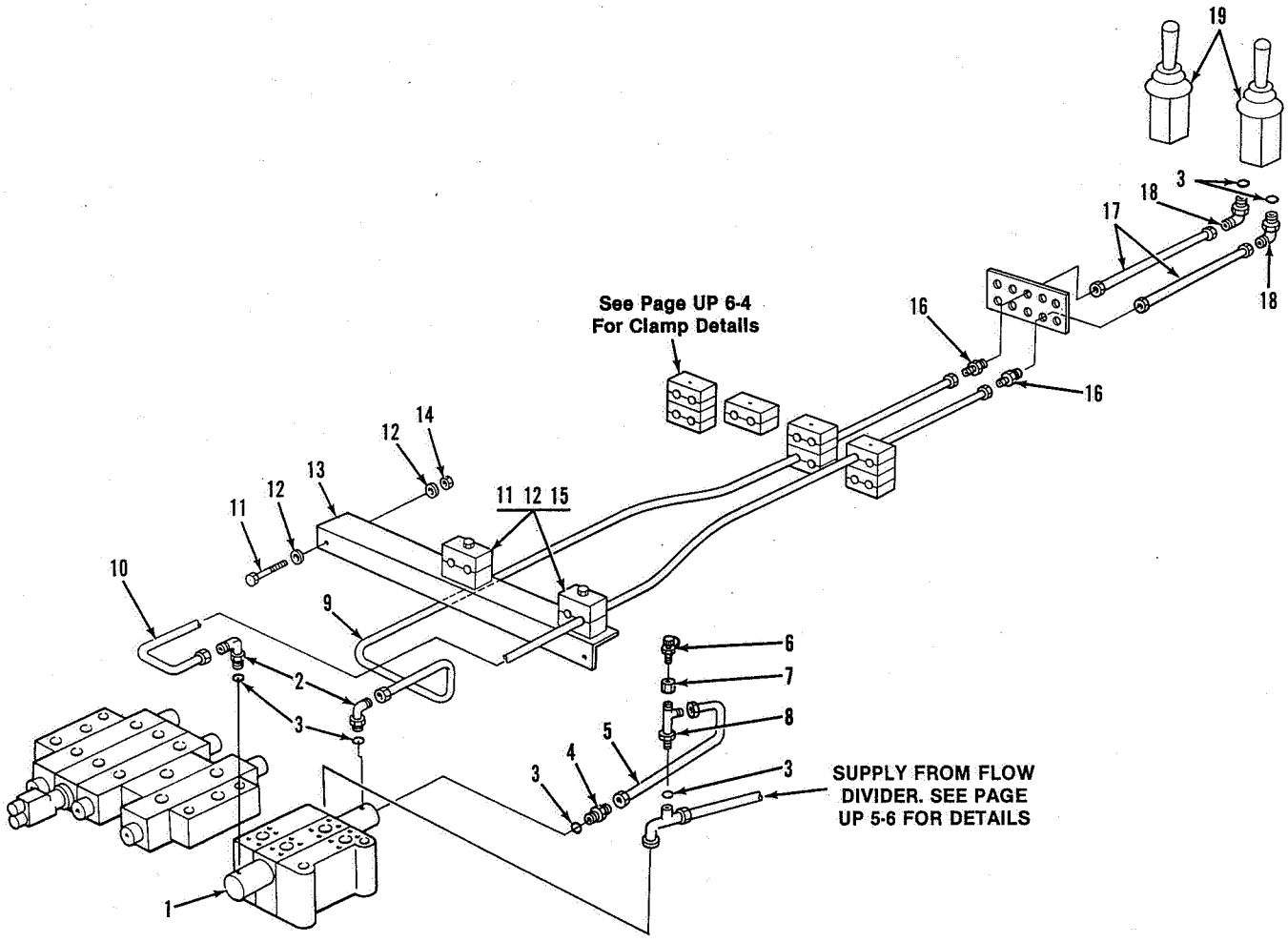
MAIN HYDRAULIC SYSTEMS
Supply Hydraulic Circuit (Continued)

Starting (Machine 4) of Lot 258
Original Issue 6-89
Revised 11-26-97

Item	Part No.	Qty.	Description Of Part
1	8391-3002	Ref	BRAKE RELEASE VALVE ASSY, (see page UP4-11 for details)
2	7736-3174	1	TUBE ASSY
3	8866-2105	2	ELBOW, 90 DEGREES, (SWIVEL NUT)
4	8866-2064	5	ELBOW, 90 DEGREES, (includes item 7)
5	8855-1010	2	LOCKWASHER, 5/16
6	8850-1005	2	HEX NUT, 5/16-18
7	8859-1204	6	O-RING
8	8866-2174	1	HEX HD PLUG, (includes item 7)
9	7736-3173	1	TUBE ASSY
10	7713-3197	1	HOSE ASSY
12	7736-3175	1	TUBE ASSY
14	8471-7420	1	HOSE ASSY
15	8820-1024	2	HEX HD CAPSCREW, 5/16-18X2, GR5
16	7734-3040	1	PILOT VALVE ASSY, (includes items 17, 18, 20 thru 30, 32, 35, 36)
17		1	VALVE BLOCK
18	8866-2239	1	SWIVEL NUT RUN TEE
19	7736-3216	1	TUBE ASSY
20	7736-3122	1	RELIEF VALVE ASSY, (includes items 21, 22, 23)
21	8859-1206	1	O-RING
22	7713-3603	1	BACK-UP RING
23	7713-3506	1	O-RING
24	8866-2005	1	CONNECTOR, (includes item 25)
25	8859-1204	5	O-RING
26	8866-2064	1	ELBOW, 90 DEGREES, (includes item 25)
27	7736-3121	1	SOLENOID VALVE ASSY, (includes items 28, 29, 30)
28	8859-1206	1	O-RING
29	7713-3608	1	BACK-UP RING
30	7713-3510	1	O-RING
31	8850-1005	2	HEX NUT, 5/16-18
32	8866-2174	1	HEX HD PLUG, (includes item 25)
33	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
34	7736-3092	1	TUBE ASSY
35	7713-3089	1	MINI-CHECK COUPLING, (includes item 25)
36	8866-2139	1	RUN TEE, (includes item 25)
37	7713-3406	1	TUBE ASSY
38	8859-1205	1	O-RING
39	8866-2020	1	CONNECTOR, (includes item 38)
40	8688-3469	1	ADAPTER
41	8471-6751	1	HOSE ASSY
42	7736-3215	Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY, (see page UP4-14 for details)
43	7736-3004	Ref	FLOW DIVIDER, ASSY, (see page UP4-3 for details)
44	8820-1014	2	HEX HD CAPSCREW, 1/4-20X3-1/4, GR5
45	8866-2064	2	ELBOW, 90 DEGREES, (includes item 46)
46	8859-1204	2	O-RING
*47	7736-3169	1	FILTER ASSY, (includes item 48 & 64)
48	7736-4178	1	FILTER ELEMENT
49	7736-3170	2	SPACER
50	8850-1004	2	HEX NUT, 1/4-20
51	8866-2119	1	ELBOW, 45 DEGREES, (SWIVEL NUT)
52	8866-2239	3	SWIVEL NUT RUN TEE
53	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
54	7713-3447	1	HOSE ASSY.
55	8866-2005	2	CONNECTOR, (includes item 56)
56	8859-1204	4	O-RING
57	7736-3144	Ref	FOOT OPERATED PEDAL VALVE, (see page UP4-19 for details)
58		Ref	JOYSTICK ASSY, (see page UP4-9 for details)
59	8866-2084	2	ELBOW, 45 DEGREES, (includes item 56)
60	8471-7289	2	HOSE ASSY
61	7736-3143	Ref	DIRECTIONAL CONTROL VALVE, (see page UP4-4 for details)
62	7713-3406	1	HOSE ASSY
63	8866-2105	2	ELBOW, 90 DEGREES, (swivel nut)
*64	8093-4546	1	VISUAL INDICATOR
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

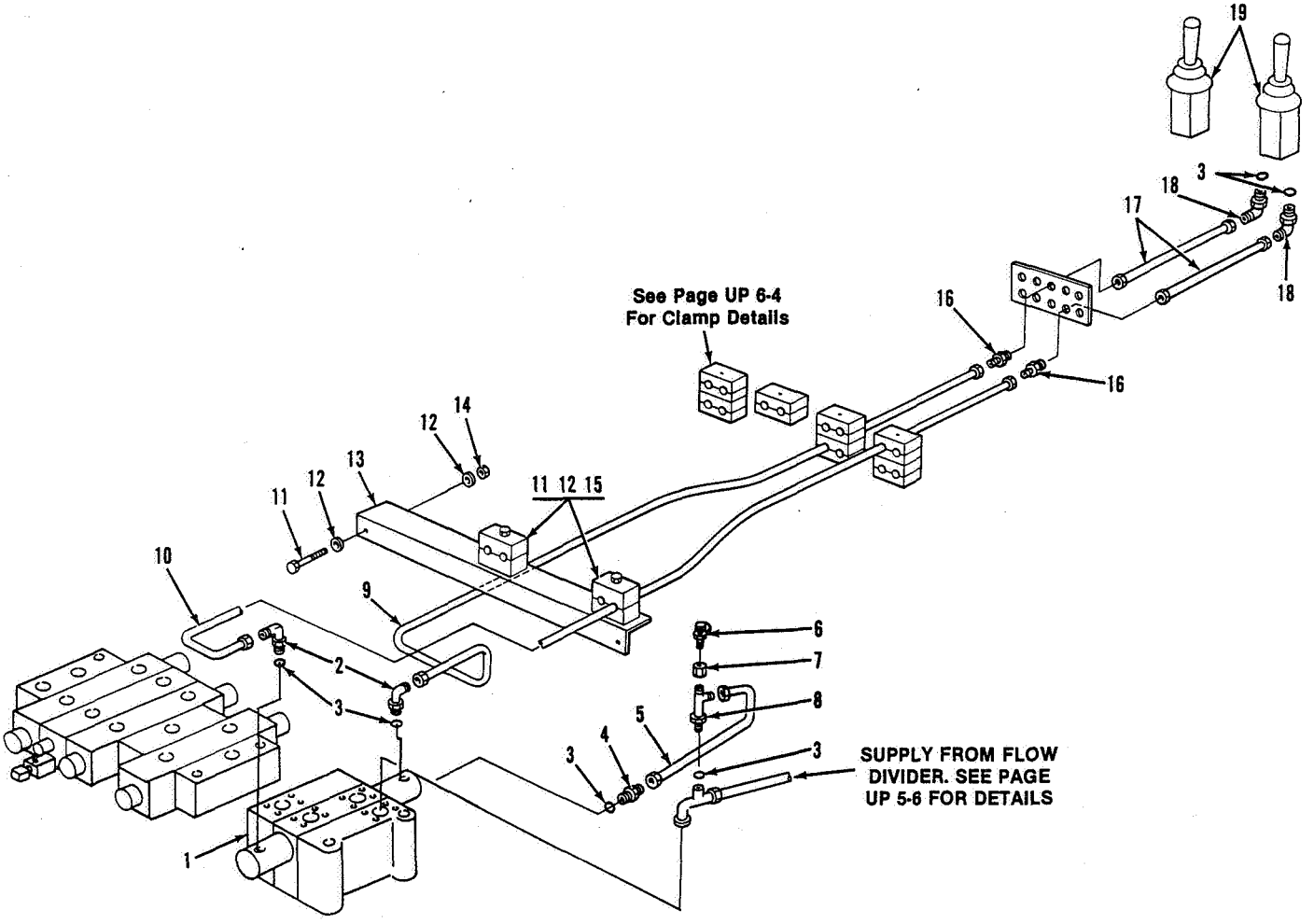
** - Added item 64; changed note on item 47.*

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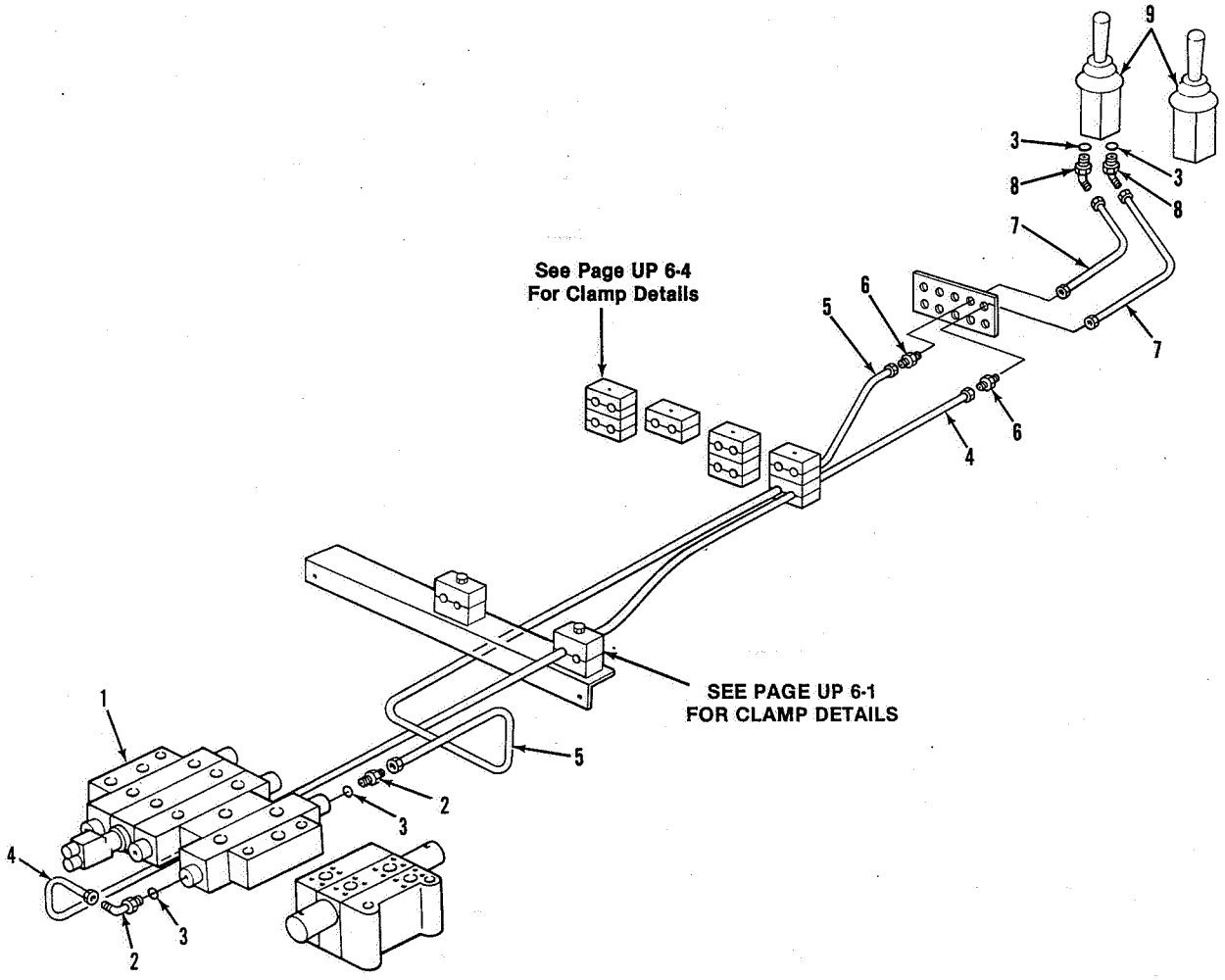
Item	Part No.	Qty.	Description Of Part
1		Ref	BOOM CONTROL VALVE ASSY (see page UP 4-5 for details)
2	8866-2064	2	ELBOW, 90 DEGRESS (includes item 3)
3	8859-1204	6	O RING
4	8866-2005	1	CONNECTOR (includes item 3)
5	7736-3083	1	TUBE ASSY
6	7713-3089	1	MINI-CHECK COUPLING
7	7713-4202	1	ADAPTER
8	8866-2139	1	RUN TEE (includes item 3)
9	7736-3168	1	TUBE ASSY
10	7736-3158	1	TUBE ASSY
11	8820-1005	4	HEX HD CAPSCREW, 1/4-20x1, GR 5
12	8856-1002	4	FLAT WASHER, 1/4
13	7734-6016	1	TUBE CLAMP BRACKET
14	8850-1004	2	HEX NUT, 1/4-20
15	7713-3270	2	CLAMP SET
16	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
17	8471-7340	2	HOSE ASSY
18	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
19		Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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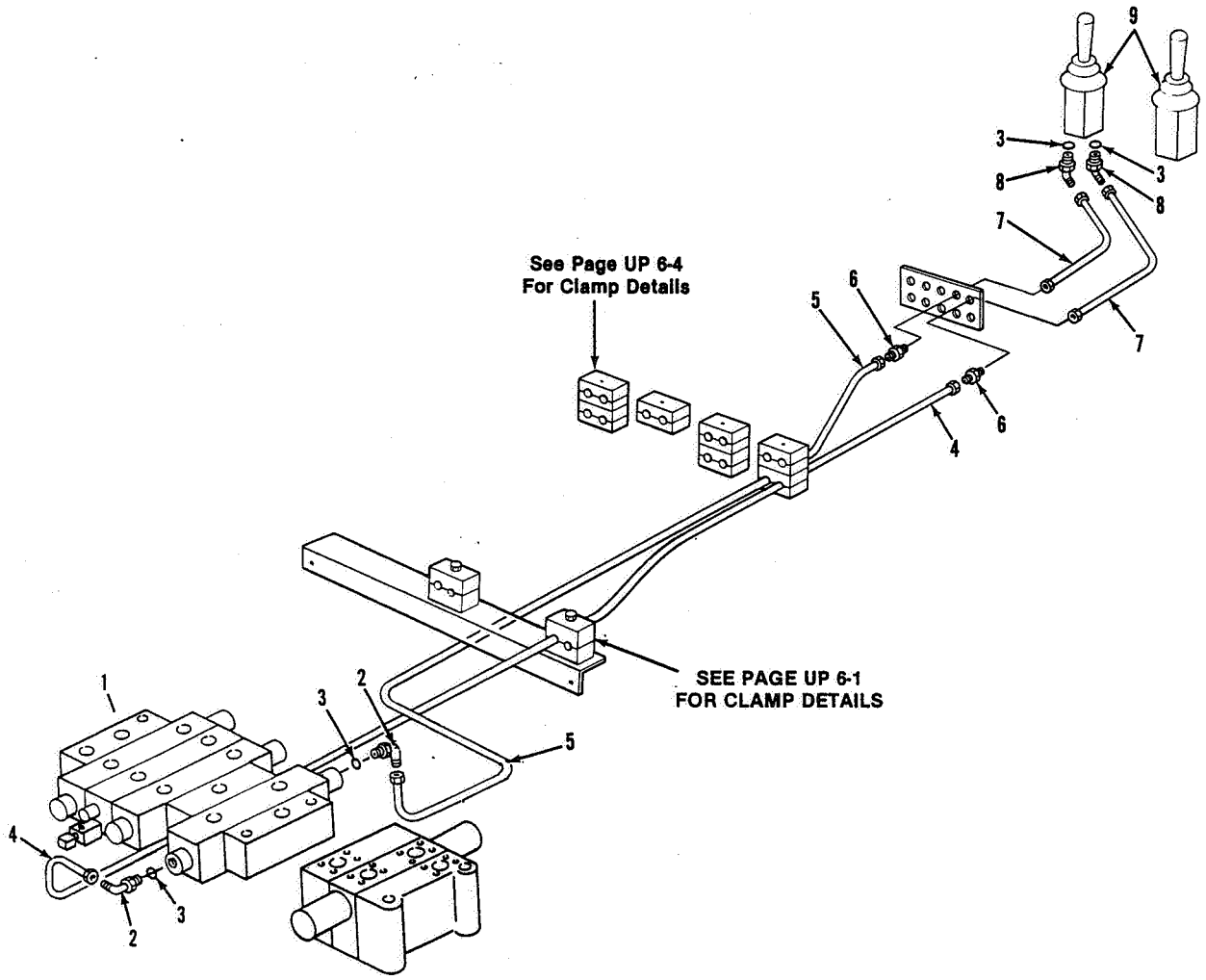
Item	Part No.	Qty.	Description Of Part
1	7736-3163	Ref	BOOM CONTROL VALVE ASSY (see page UP 4-5 for details)
2	8866-2064	2	ELBOW, 90 DEGRESS (includes item 3)
3	8859-1204	6	O RING
4	8866-2005	1	CONNECTOR (includes item 3)
5	7736-3083	1	TUBE ASSY
6	7713-3089	1	MINI-CHECK COUPLING
7	7713-4202	1	ADAPTER
8	8866-2139	1	RUN TEE (includes item 3)
9	7736-3168	1	TUBE ASSY
10	7736-3158	1	TUBE ASSY
11	8820-1005	4	HEX HD CAPSCREW, 1/4-20x1, GR 5
12	8856-1002	4	FLAT WASHER, 1/4
13	7734-6016	1	TUBE CLAMP BRACKET
14	8850-1004	2	HEX NUT, 1/4-20
15	7713-3270	2	CLAMP SET
16	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
17	8471-7340	2	HOSE ASSY
18	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
19	No Number	Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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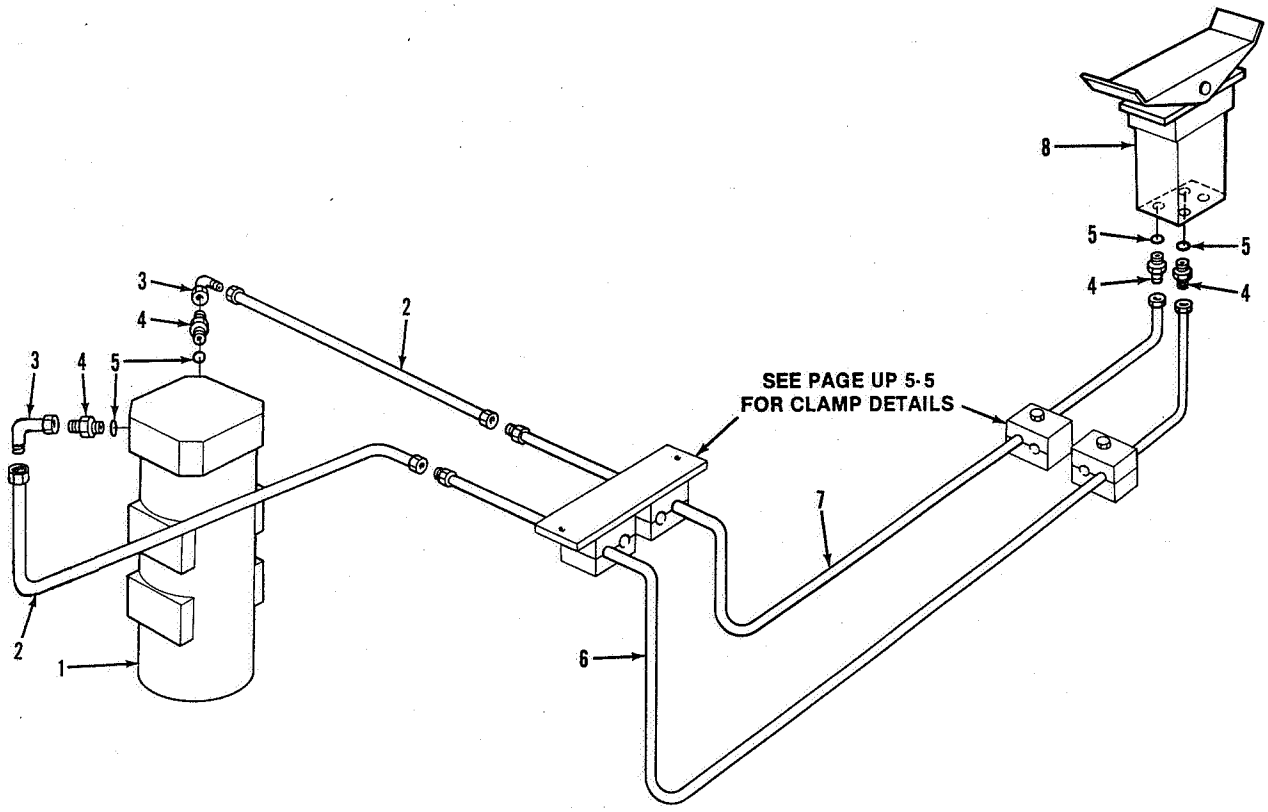
Item	Part No.	Qty.	Description Of Part
1		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-5 for details)
2	8866-2064	2	ELBOW, 90 DEGREES (includes item 3)
3	8859-1204	4	O RING
4	7736-3167	1	TUBE ASSY
5	7736-3155	1	TUBE ASSY
6	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
7	8471-7289	2	HOSE ASSY
8	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
9		Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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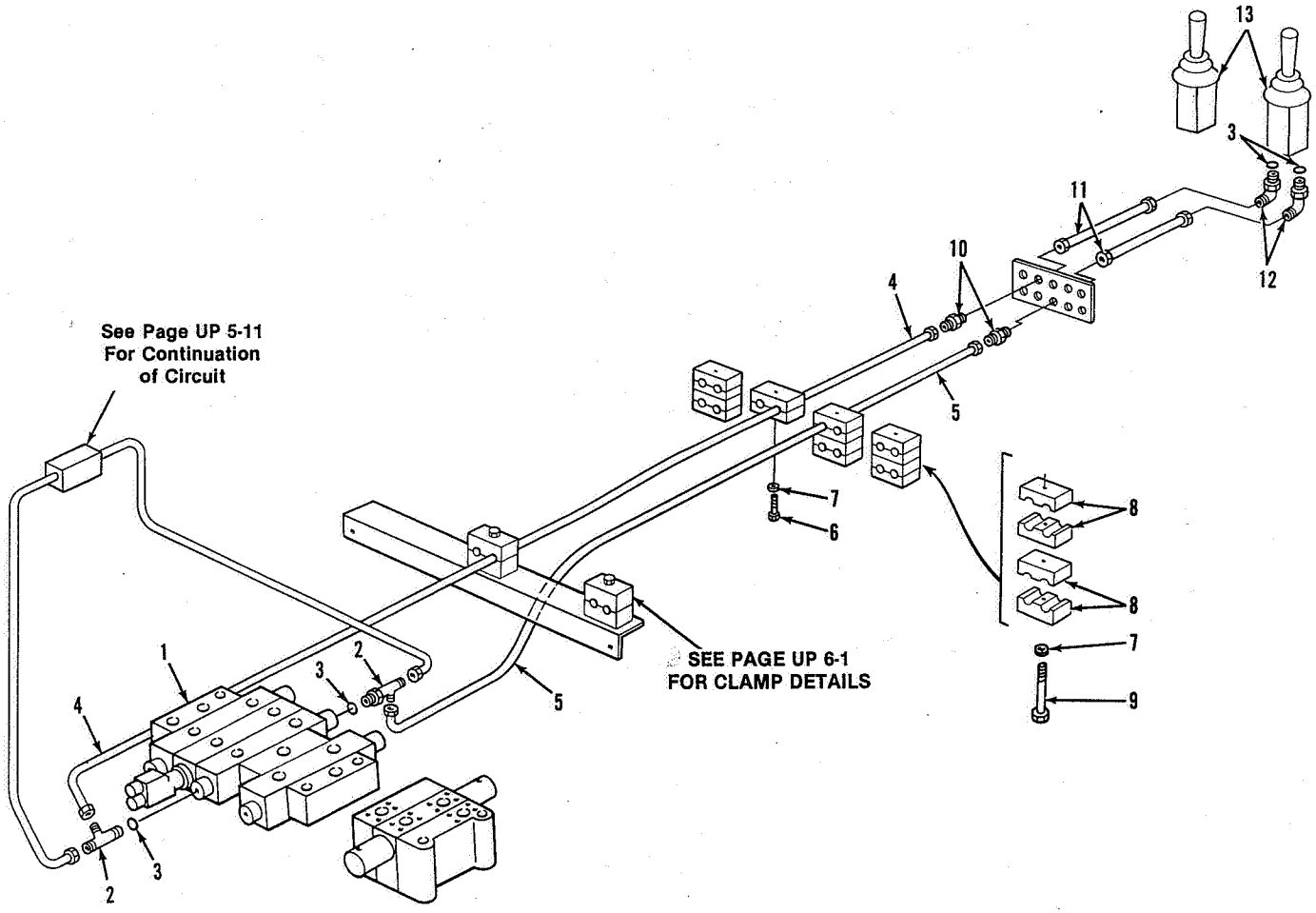
Item	Part No.	Qty.	Description Of Part
1	7736-3215	Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-5 for details)
2	8866-2064	2	ELBOW, 90 DEGREES (includes item 3)
3	8859-1204	4	O RING
4	7736-3167	1	TUBE ASSY
5	7736-3155	1	TUBE ASSY
6	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
7	8471-7289	2	HOSE ASSY
8	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
9	No Number	Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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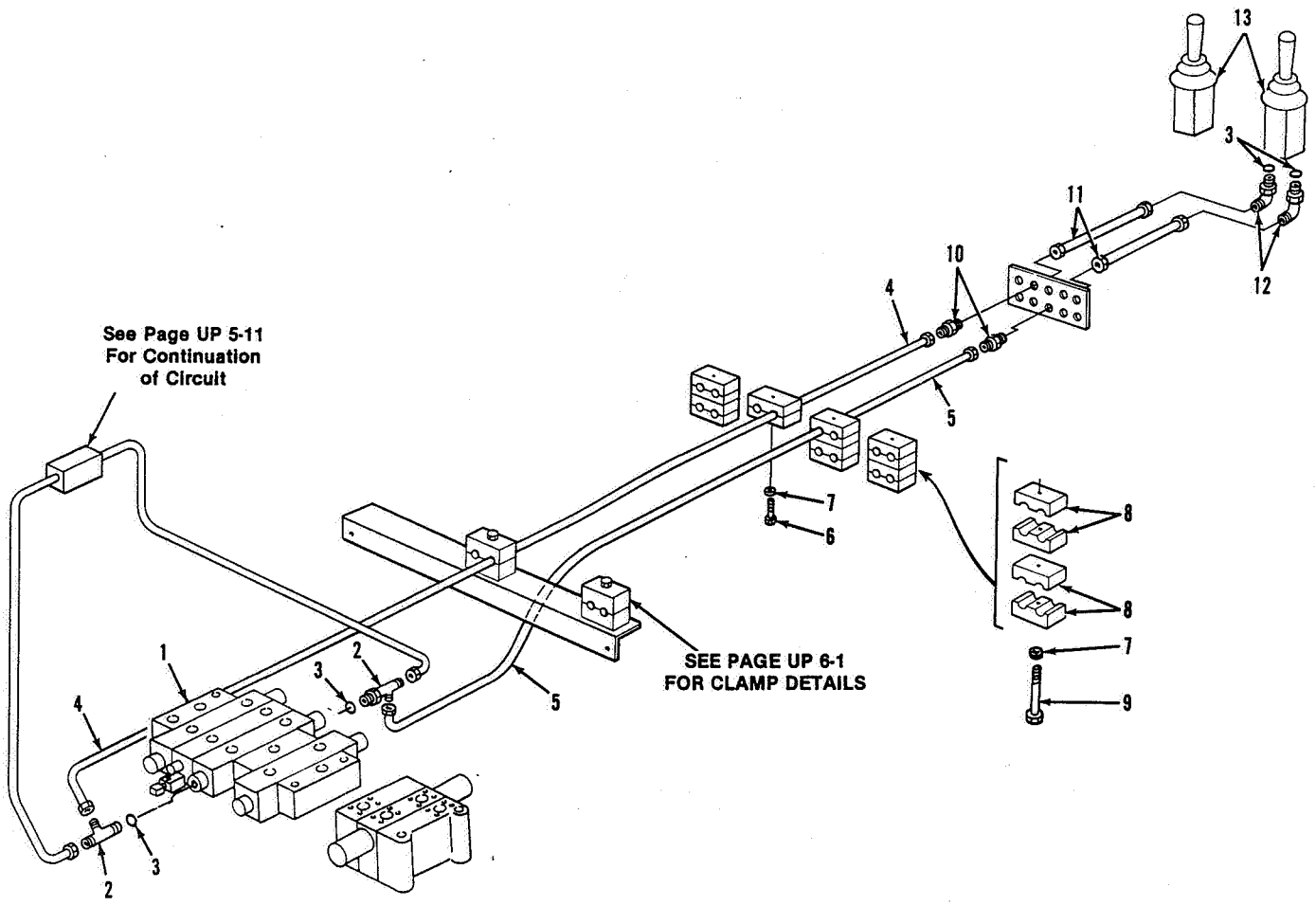
Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8471-6434	2	HOSE ASSY
3	8866-2105	2	ELBOW, 90 DEGREES (SWIVEL NUT)
4	8866-2005	4	CONNECTOR (includes item 5)
5	8859-1204	4	O RING
6	7736-3137	1	TUBE ASSY
7	7736-3136	1	TUBE ASSY
8		Ref	FOOT OPERATED PEDAL VALVE ASSY (see page UP 4-19 for details)

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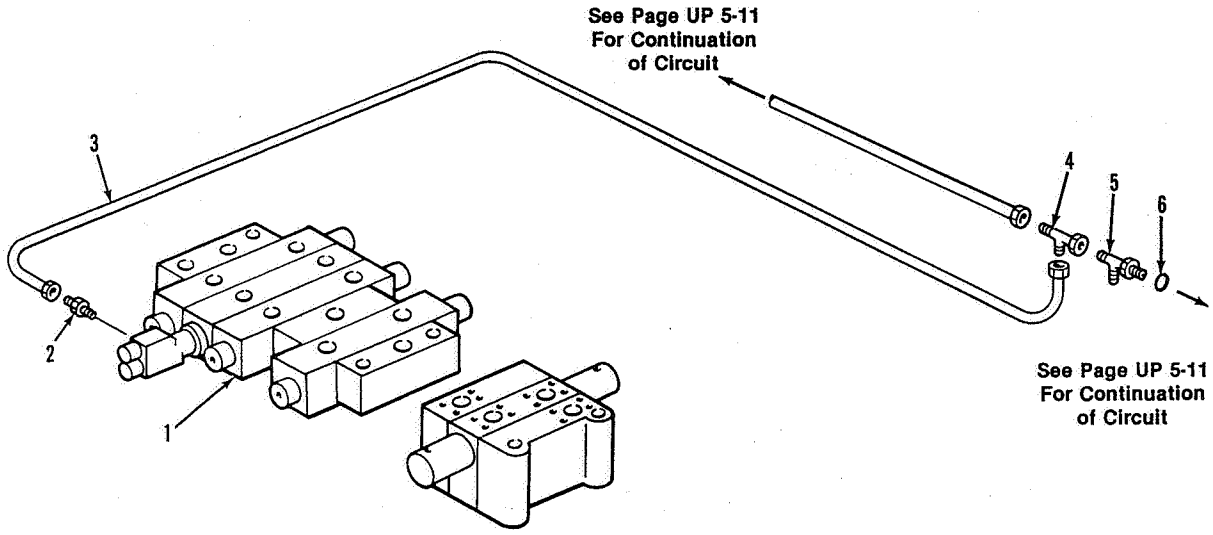
Item	Part No.	Qty.	Description Of Part
1		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
2	8866-2139	2	RUN TEE (includes item 3)
3	8859-1204	4	O RING
4	7736-3100	1	TUBE ASSY
5	7736-3094	1	TUBE ASSY
6	8820-1005	1	HEX HD CAPSCREW, 1/4-20x1, GR 5
7	8856-1002	4	FLAT WASHER, 1/4
8	7713-3270	7	CLAMP SET
9	8820-4008	3	HEX HD CAPSCREW, 1/4-20x1-3/4 GR 5
10	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
11	8471-7340	2	HOSE ASSY
12	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
13		Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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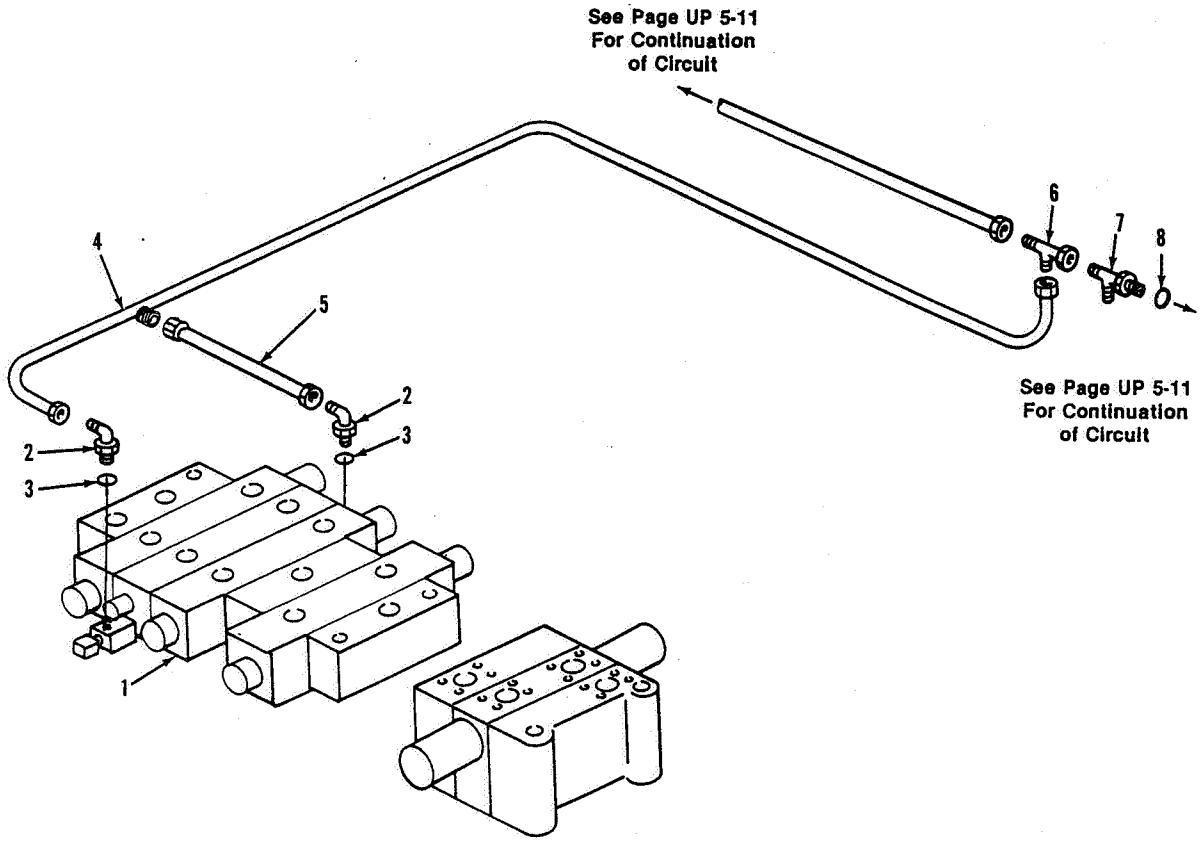
Item	Part No.	Qty.	Description Of Part
1	7736-3215	Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
2	8866-2139	2	RUN TEE (includes item 3)
3	8859-1204	4	O RING
4	7736-3100	1	TUBE ASSY
5	7736-3094	1	TUBE ASSY
6	8820-1005	1	HEX HD CAPSCREW, 1/4-20x1, GR 5
7	8856-1002	4	FLAT WASHER, 1/4
8	7713-3270	7	CLAMP SET
9	8820-1008	3	HEX HD CAPSCREW, 1/4-20x1-3/4 GR 5
10	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
11	8471-7340	2	HOSE ASSY
12	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
13	No Number	Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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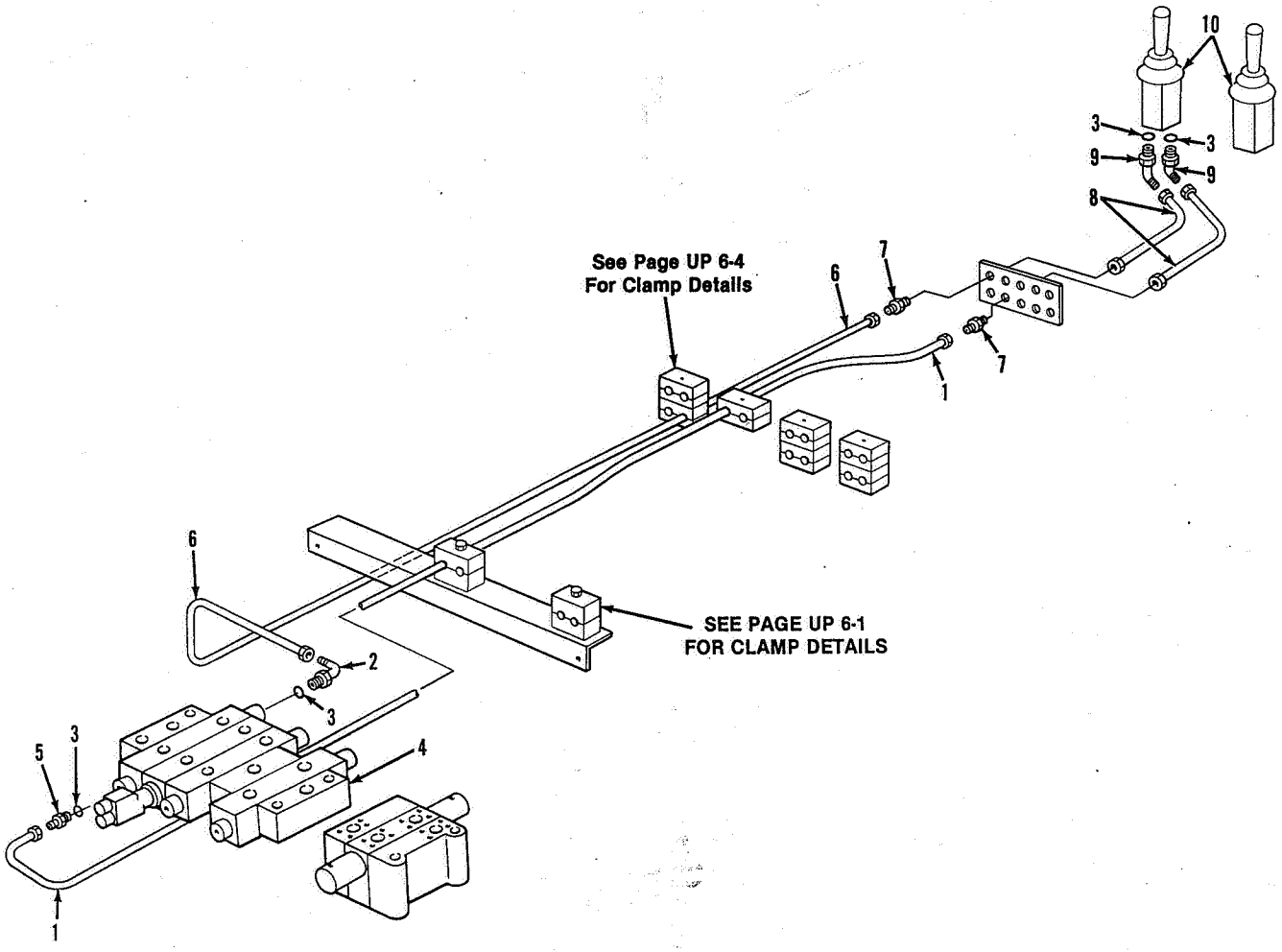
Item	Part No.	Qty.	Description Of Part
1		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
2	8874-3012	1	MALE ADAPTER, 1/8x3/8 TUBE
3	7736-3159	1	TUBE ASSY
4	8866-2239	1	SWIVEL NUT RUN TEE
5	8866-2139	1	RUN TEE (includes item 6)
6	8859-1204	1	O RING

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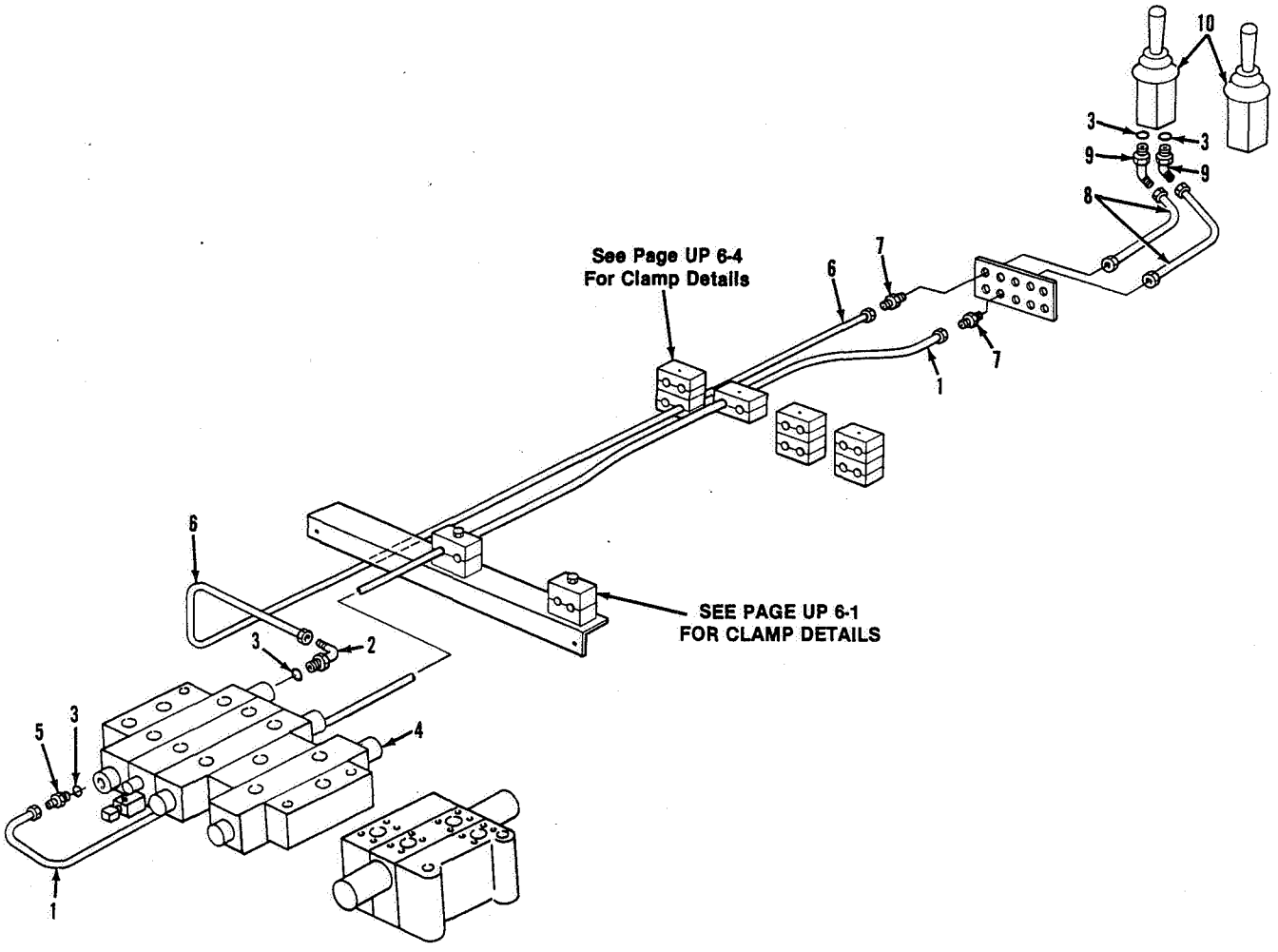
Item	Part No.	Qty.	Description Of Part
1	7736-3215	1	HOIST SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
2	8866-2064	2	ELBOW, 90 DEGREES (includes item 3)
3	8859-1204	2	O RING
4	7736-3216	1	TUBE ASSY
5	7736-3217	1	TUBE ASSY
6	8866-2239	1	SWIVEL NUT RUN TEE
7	8866-2139	1	RUN TEE (includes item 8)
8	8859-1204	1	O RING

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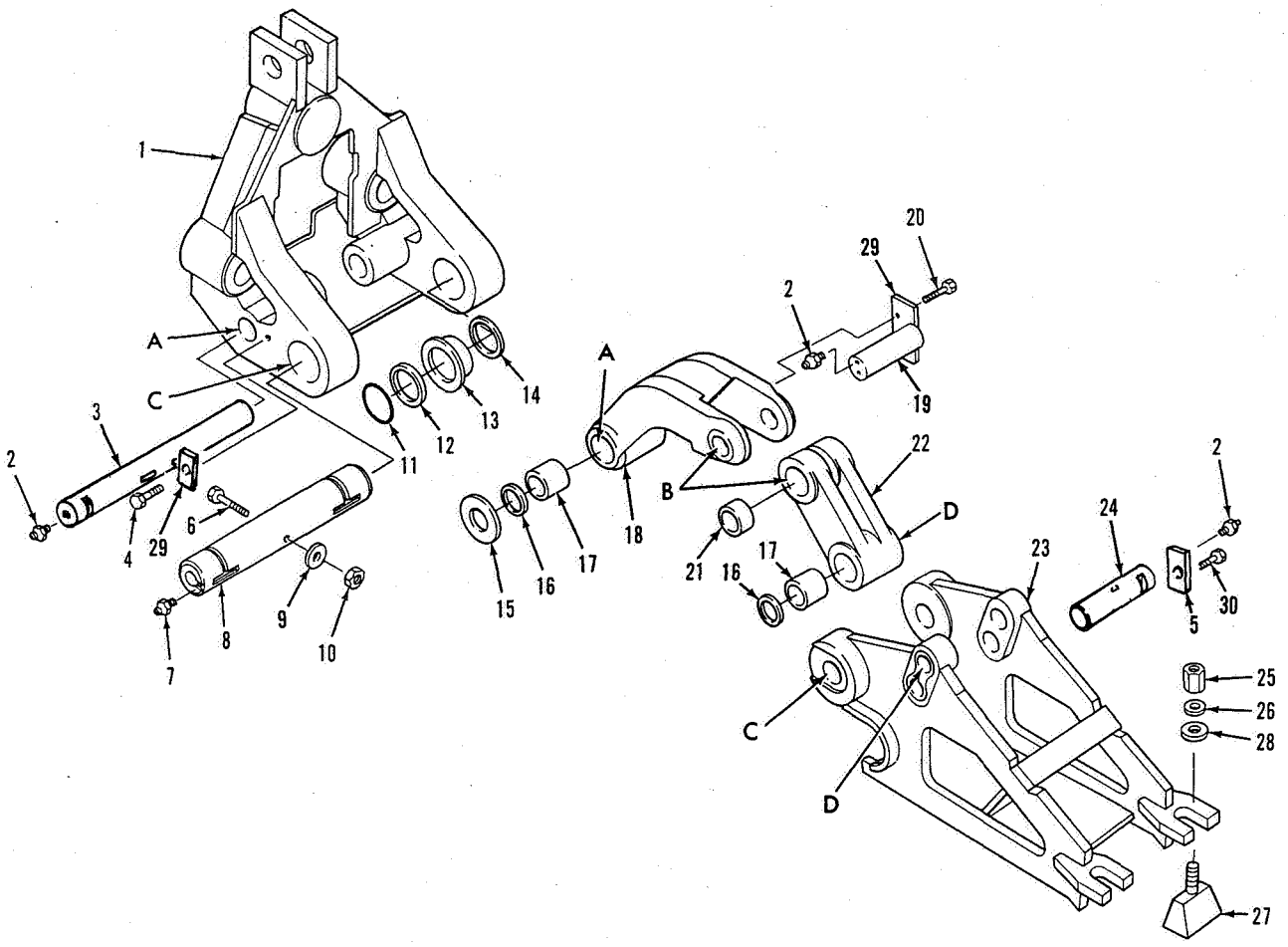
Item	Part No.	Qty.	Description Of Part
1	7736-3160	1	TUBE ASSY
2	8866-2064	1	ELBOW, 90 DEGREES (includes item 3)
3	8859-1204	4	O RING
4		Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
5	8866-2005	1	CONNECTOR (includes item 3)
6	7736-3091	1	TUBE ASSY
7	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
8	8471-7289	2	HOSE ASSY
9	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
10		Ref	JOYSTICK ASSY (see page UP 4-9 for details)

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Item	Part No.	Qty.	Description Of Part
1	7736-3160	1	TUBE ASSY
2	8866-2064	1	ELBOW, 90 DEGREES (includes item 3)
3	8859-1204	4	O RING
4	7736-3215	Ref	HOIST, SWING, TILT & TOOL CONTROL VALVE ASSY (see page UP 4-14 for details)
5	8866-2005	1	CONNECTOR (includes item 3)
6	7736-3091	1	TUBE ASSY
7	8866-1084	2	BULKHEAD UNION, 9/16-18x3/8 TUBE
8	8471-7289	2	HOSE ASSY
9	8866-2084	2	ELBOW, 45 DEGREES (includes item 3)
10	No Number	Ref	JOYSTICK ASSY (see page UP 4-9 for details)

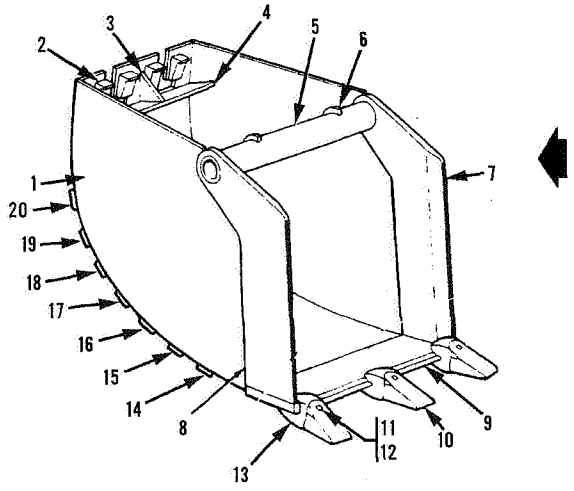
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Item	Part No.	Qty.	Description Of Part
1		Ref	TELESCOPE BOOM (see page UP2-5 for details)
2	8867-1001	6	LUBE FITTING, STRAIGHT, 1/8
3	7732-1040	1	PIN
4	8320-1011	2	HEX HD CAPSCREW
5	7732-1039	1	KEEPER
6	8820-1120	1	HEX HD CAPSCREW, 3/4-10X4-1/2 GR 5 (see note)
7	8867-1008	2	LUBE FITTING, STRAIGHT, 1/8
8	8362-1034	1	SHAFT
9	8856-1009	3	FLAT WASHER, 3/4
10	8852-1312	1	HEX LOCKNUT, 3/4-10 (lubricate and torque to 240 ft.lbs.)
11	8859-1112	2	O RING
12	8362-1027	2	BACK UP RING
13	8362-1033	2	BUSHING
14	8362-1035	2	SEAL
15	8362-1040	2	THRUST WASHER
16	8362-1036	4	SEAL
17	8362-1037	4	BUSHING
18	8362-5012	1	CONNECTING LINK ASSY (includes (2) item 16 and (2) item 17)
19	7732-1042	1	PIN

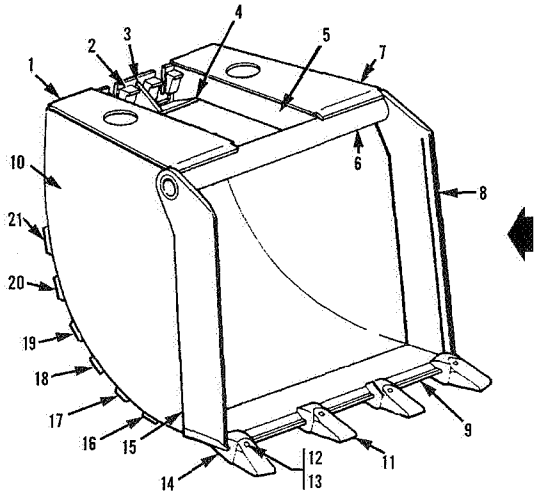
Item	Part No.	Qty.	Description Of Part
20	8320-1011	2	HEX HD CAPSCREW
21	8362-1030	2	BUSHING
22	8342-5008	1	TOOL LINK ASSY (includes (2) item 16, (2) item 17 and item 21)
23	7712-6033	1	BUCKET ADAPTER
24	7732-1041	1	PIN
25	8662-1222	2	HIGH NUT
26	8855-1018	2	LOCK WASHER, 1"
27	7712-6027	2	WEDGE BLOCK ASSY
28	8662-1223	2	WASHER
29	7732-1043	2	KEEPER
30	8821-4971	2	SOCKET HD CAPSCREW, 3/8-16X7/8, GR8
			NOTE: ITEM 6-ASSEMBLE AS SHOWN. IF NOT, IT WILL DAMAGE TOOL CYLINDER ROD WHEN BUCKET ACTION APPROACHES CLOSED POSITION.
			NOTE: FOR ASSEMBLY PROCEDURE-ASSEMBLE "A" TO "A", "B" TO "B", "C" TO "C" AND "D" TO "D".

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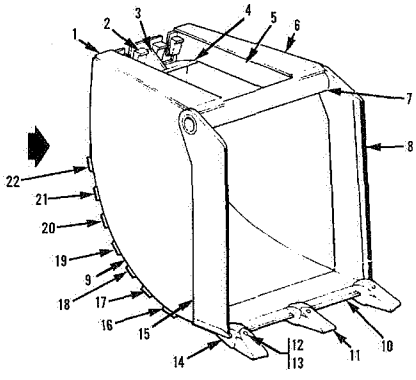


Item	Part No.	Qty.	Description Of Part
	8345-6002	1	30" EXCAVATING BUCKET, (includes all items)
1	8345-1071	1	TOP PLATE, L.H.
2	8345-1018	4	WEDGE BLOCK
3	8345-1023	1	GUSSET
4	8345-1160	1	PLATE
5	8345-1016	2	ARM
6	8345-1019	1	TOP PLATE, R.H.
7	8345-1020	1	TUBE
8	8345-1006	1	CUTTING EDGE, R.H.
9	8345-1008	2	SIDE PLATE
10	8345-1015	1	FRONT CUTTER
11	8665-1013	3	TOOTH
12	8596-1018	3	LOCKING PIN
13	8596-1019	3	RUBBER PIN LOCK
14	8665-1012	3	TOOTH BASE, (includes item 13)
15	8345-1007	1	CUTTING EDGE, L.H.
16	8095-1105	1	WEAR STRIP
17	8095-1103	1	WEAR STRIP
18	8025-1062	1	WEAR STRIP
*19	8345-1289	1	WEAR STRIP
20	8345-1290	1	WEAR STRIP
21	8065-1106	1	WEAR STRIP
22	8065-1094	1	WEAR STRIP

** - Changed part number on item 19.*

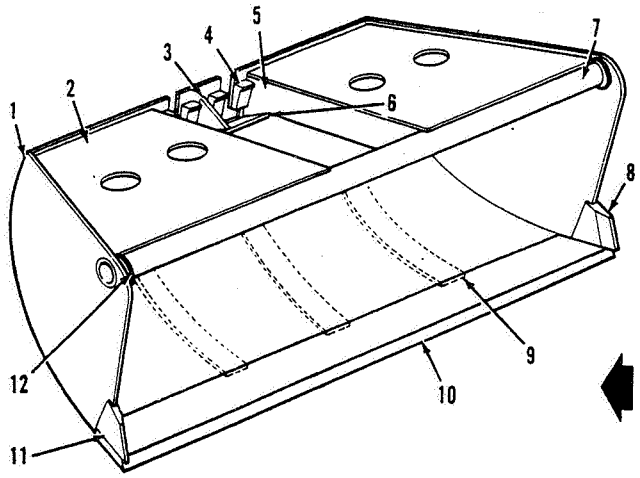


Item	Part No.	Qty.	Description Of Part
	8345-6003	1	24" EXCAVATING BUCKET, (includes all items)
1	8345-1036	2	SIDE PLATE
2	8345-1027	4	WEDGE BLOCK
3	8345-1029	1	GUSSET
4	8345-1030	1	BRACE
5	8345-1031	1	CROSS TUBE
6	8345-1028	2	STOP
7	8345-1034	1	CUTTING EDGE, R.H.
8	8345-1033	1	CUTTING EDGE, L.H.
9	8345-1035	1	CUTTING EDGE
10	8665-1013	3	TOOTH
11	8596-1018	3	LOCKING PIN
12	8596-1019	3	RUBBER PIN LOCK
13	8665-1012	3	TOOTH BASE, (includes item 12)
14	8345-1289	1	WEAR STRIP
15	8345-1290	1	WEAR STRIP
16	8065-1113	1	WEAR STRIP
17	8065-1106	1	WEAR STRIP
18	8065-1094	1	WEAR STRIP
19	8345-1291	1	WEAR STRIP
20	8065-1391	1	WEAR STRIP

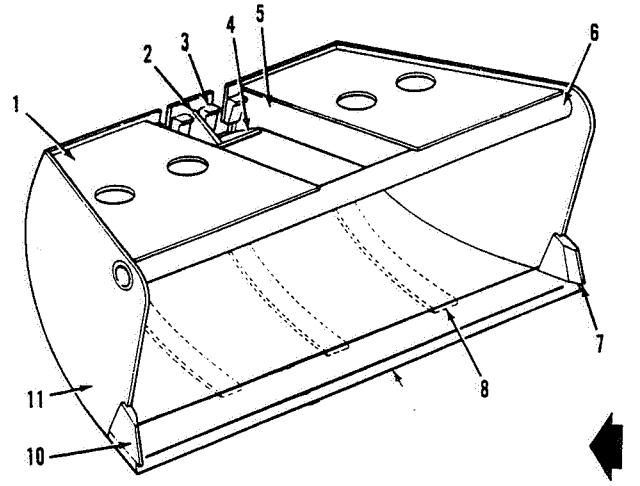


Item	Part No.	Qty.	Description Of Part
	8345-6006	1	36" EXCAVATING BUCKET, (includes all items)
1	8345-1075	1	TOP PLATE, L.H.
2	8345-1018	4	WEDGE BLOCK
3	8345-1085	1	GUSSET
4	8345-1079	1	BRACE
5	8345-1084	2	ARM
6	8345-1078	1	CROSS TUBE
7	8345-1076	1	TOP PLATE, R.H.
8	8345-1081	1	CUTTING EDGE, R.H.
9	8345-1080	1	CUTTING EDGE
10	8345-1083	2	SIDE PLATE
11	8665-1013	4	TOOTH
12	8596-1018	4	LOCKING PIN
13	8596-1019	4	RUBBER PIN LOCK
14	8665-1012	4	TOOTH BASE, (includes item 13)
15	8345-1082	1	CUTTING EDGE, L.H.
16	8065-1121	1	WEAR STRIP
17	8065-1071	1	WEAR STRIP
18	8095-1108	1	WEAR STRIP
19	8025-1013	1	WEAR STRIP
20	8025-1013	1	WEAR STRIP
21	8065-1068	1	WEAR STRIP

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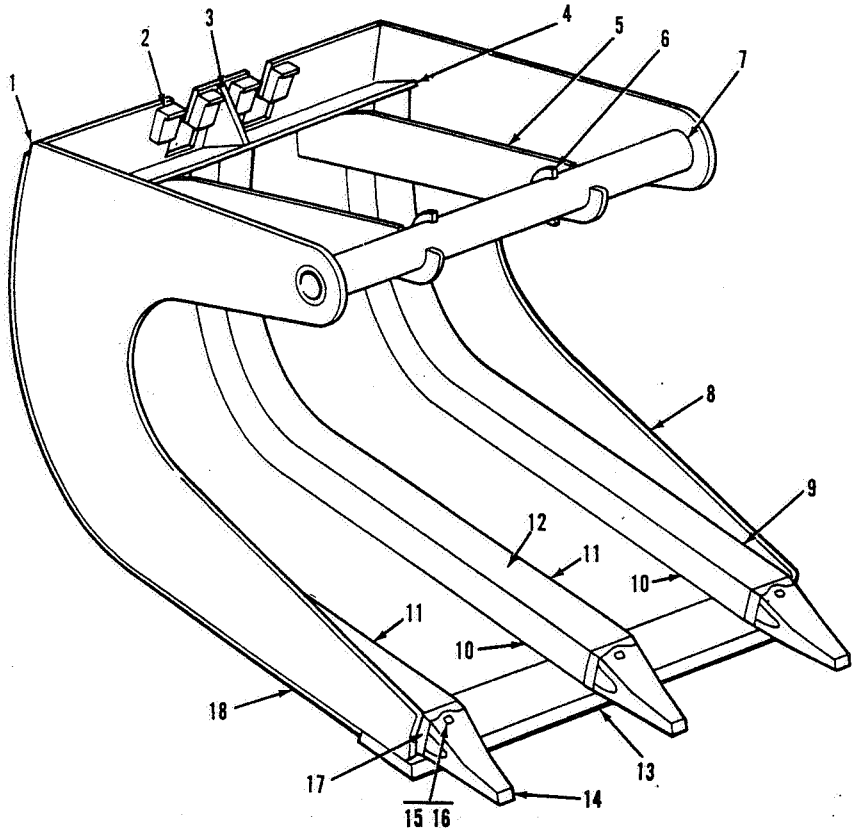


Item	Part No.	Qty.	Description Of Part
	8345-6026	1	60" DITCHING BUCKET (includes all items)
1	8345-1197	2	SIDE PLATE
2	8345-1159	2	TOP PLATE
3	8345-1163	1	GUSSET
4	8345-1161	4	WEDGE BLOCK
5	8345-1162	2	ARM
6	8345-1160	1	PLATE
7	8345-1156	1	TUBE
8	2429-1027	1	CUTTING EDGE R.H.
9	8345-1196	3	WEAR PLATE
10	8345-1004	1	CUTTING EDGE
11	2429-1026	1	CUTTING EDGE L.H.
12	8345-1198	2	COLLAR



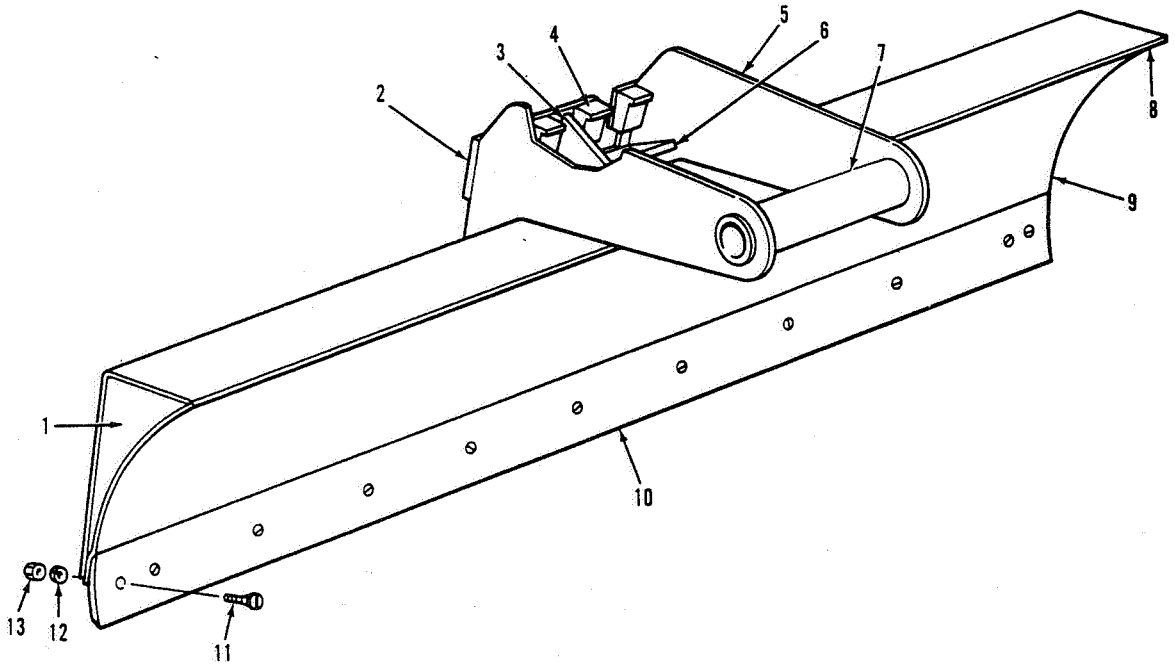
Item	Part No.	Qty.	Description Of Part
	8345-6019	1	66" DITCH CLEANING BUCKET (includes all items)
1	8345-1171	2	TOP PLATE
2	8345-1168	1	GUSSET
3	8345-1170	4	WEDGE BLOCK
4	8345-1169	1	PLATE
5	8345-1173	2	ARM
6	8345-1167	1	TUBE
7	2429-1027	1	CUTTING EDGE R.H.
8	8345-1172	3	WEAR BAR
9	8345-1165	1	CUTTING EDGE
10	2429-1026	1	CUTTING EDGE L.H.
11	8345-1164	2	SIDE PLATE

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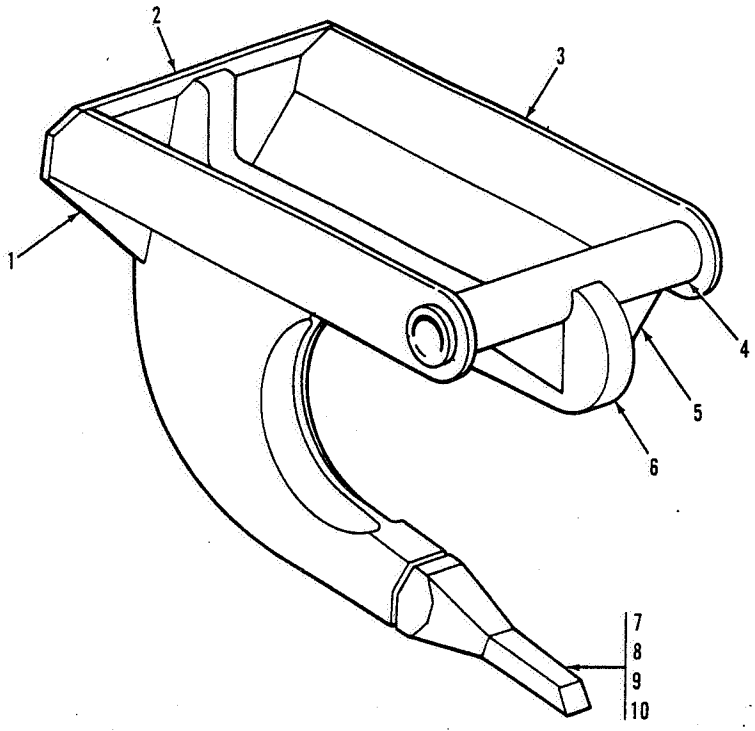
Item	Part No.	Qty.	Description Of Part
	8345-6005	1	30" PAVEMENT REMOVAL BUCKET (includes all items)
1	8345-1058	1	SIDE PLATE, L.H.
2	8345-1018	4	WEDGE BLOCK
3	8345-1072	1	GUSSET
4	8345-1063	1	PLATE
5	8345-1073	2	ARM
6	8345-1028	2	STOP
7	8345-1064	1	TUBE
8	8345-1059	1	SIDE PLATE, R.H.
9	8345-1061	2	RUNNER, TOP
10	8345-1068	2	RUNNER, L.H.
11	8345-1069	2	RUNNER, R.H.
12	8345-1062	1	RUNNER, TOP
13	8345-1065	1	FRONT CUTTING EDGE
14	8598-1009	3	TOOTH
15	8598-1012	3	PIN
16	8598-1011	3	PINLOCK
17	8598-1010	3	ADAPTER
18	8345-1067	3	WEAR STRIP

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Item	Part No.	Qty.	Description Of Part
	8345-6004	1	8 FOOT GRADING BLADE (includes all items)
1	8345-1070	4	STIFFENER
2	8345-1053	1	BACK PLATE
3	8345-1022	1	GUSSET
4	8345-1003	4	WEDGE BLOCK
5	8345-1055	2	ARM
6	8345-1001	1	PLATE
7	8345-1056	1	TUBE
8	8345-1057	1	BENT PLATE
9	2413-1039	1	MOLDBOARD
10	2413-1047	1	BLADE
11	8842-1038	10	PLOW BOLT, 5/8-11X2
12	8855-1015	10	LOCK WASHER, 5/8
13	8850-1010	10	HEX NUT, 5/8-11

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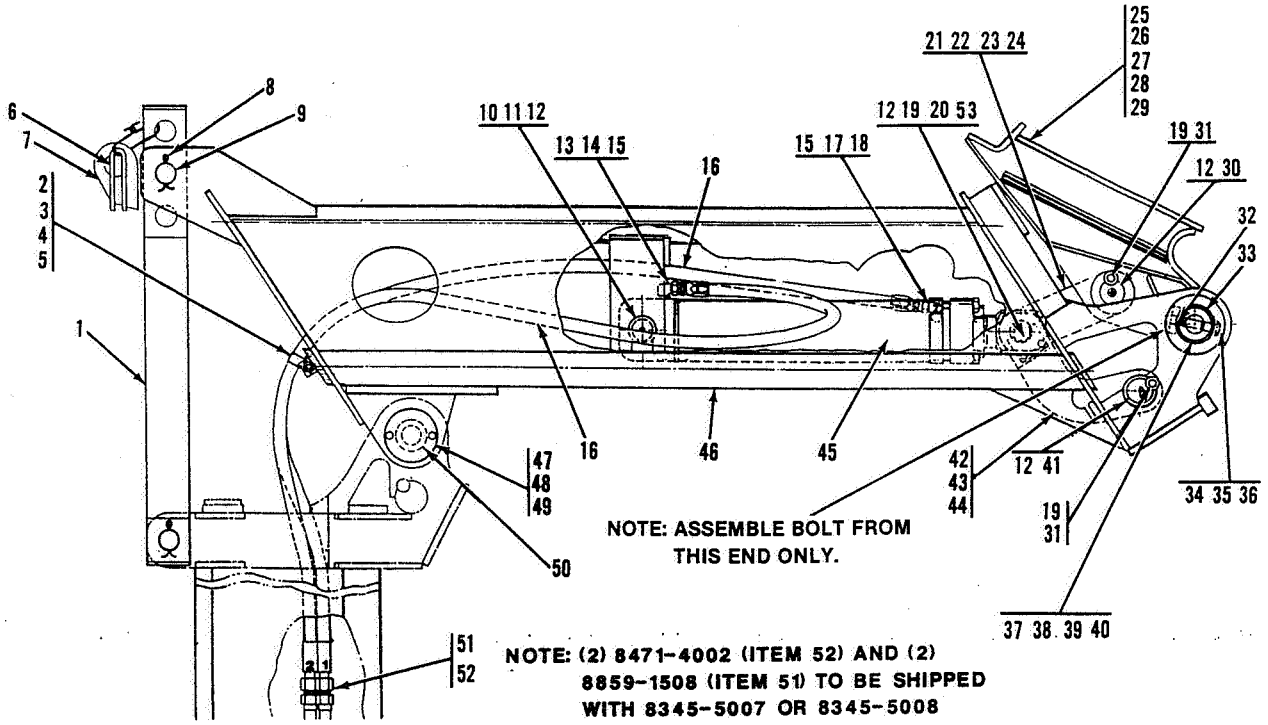


Item	Part No.	Qty.	Description Of Part
	8345-6015	1	SINGLE TOOTH RIPPER (includes all items)
1	8345-1140	2	GUSSET
2	8365-1069	1	BAR
3	8345-1139	2	ARM
4	8345-1138	1	TUBE
5	8345-1137	2	GUSSET
6	8345-1141	1	RIPPER ARM
7	8598-1009	1	TOOTH
8	8598-1010	1	ADAPTER
9	8598-1011	1	RUBBER LOCK
10	8598-1012	1	PIN

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6 FOOT MATERIAL HANDLING EXTENSION

Starting Lot 200
Original Issue 2-85
Revised 3-89



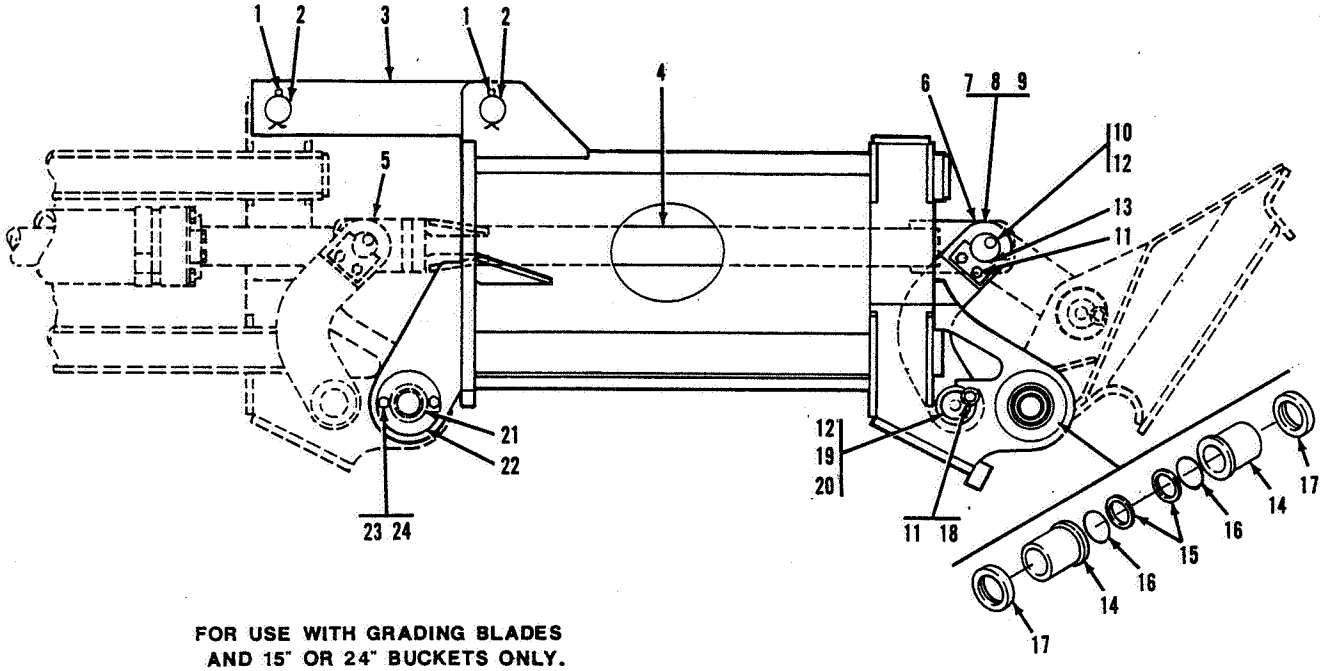
NOTE: (2) 8471-4002 (ITEM 52) AND (2) 8859-1508 (ITEM 51) TO BE SHIPPED WITH 8345-5007 OR 8345-5008 EXTENSION FOR ADAPTION ON EXISTING TOOL HOSES.

Item	Part No.	Qty.	Description Of Part
	8345-5008	1	6 FOOT MATERIAL UNLOADING EXTENSION W/TOOL CYLINDER (includes all items)
	8345-5007	1	6 FOOT MATERIAL UNLOADING EXTENSION W/O TOOL CYLINDER (includes all items except item 45)
1	8345-6013	1	LINK WELDMENT
2	2460-1710	2	HOSE CLAMP
3	8820-1066	2	HEX HD CAPSCREW, 1/2-13 x 1-1/4 GR 5
4	8855-1013	2	LOCK WASHER, 1/2
5	8850-1008	2	HEX NUT, 1/2-13
6	2448-1005	3	BUCKET CLIP
7	8345-1180	2	EAR
8	8863-1342	2	COTTER PIN, 3/16 x 3
9	8665-1081	2	PIN
10	8662-1012	1	PIN
11	8863-1341	1	COTTER PIN, 3/16 x 2 1/2
12	8867-1001	6	LUBE FITTING, STRAIGHT, 1/8
13	8866-2332	1	ELBOW, 90 DEGREES
14	8859-1207	1	O RING
15	8859-1508	2	O RING (FLAT FACE SEAL)
16	8471-7476	2	HOSE ASSY
17	8866-2335	1	ELBOW, 90 DEGREES
18	8859-1206	1	O RING
19	8320-1011	3	HEX HD CAPSCREW
20	7732-1042	1	PIN
21	8342-5008	1	TOOL LINK ASSY (includes items 22,23,24)
22	8362-1030	2	BUSHING
23	8362-1036	4	SEAL
24	8362-1037	4	BUSHING
25	8342-6007	1	BUCKET ADAPTER
26	8345-5001	2	WEDGE BLOCK ASSY
27	8662-1222	2	HIGH NUT
28	8662-1223	2	WASHER
29	8855-1018	2	LOCK WASHER, 1"
30	8342-1239	1	PIN
31	8662-1374	2	WASHER
32	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28
33	8362-1034	1	SHAFT
34	8820-1120	1	HEX HD CAPSCREW, 3/4-10 x 4-1/2 GR 5
35	8856-1009	1	FLAT WASHER, 3/4
36	8852-1312	1	HEX LOCKNUT, 3/4-10
37	8362-1033	2	BUSHING
38	8362-1027	2	BACK UP RING
39	8362-1035	2	LIP SEAL
40	8859-1112	2	O RING
41	8342-1240	1	PIN
42	8342-5007	1	CONNECTING LINK ASSY (includes items 43,44)
43	8362-1037	2	BUSHING
44	8362-1036	2	LIP SEAL
45	8342-5024	1	TOOL CYLINDER ASSY (see page UP 4-17 for details)
46	8345-6014	1	MATERIAL UNLOADING EXTENSION WELDMENT
47	8665-1086	2	CAP
48	8820-1035	4	HEX HD CAPSCREW, 3/8-16 x 1, GR 5
49	8855-1011	4	LOCK WASHER, 3/8
50	8345-1109	1	SHAFT
51	8859-1508	2	O RING (FLAT FACE SEAL)
52	8471-4002	2	PLUG
53	7732-1043	1	KEEPER

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4 FOOT BOOM EXTENSION

Starting Lot 200
Original Issue 9-90
Revised 2-91



FOR USE WITH GRADING BLADES AND 15" OR 24" BUCKETS ONLY.

NOTE: USE ONLY CHROME PLATED PINS WITH PARTS HAVING STEEL BUSHINGS.

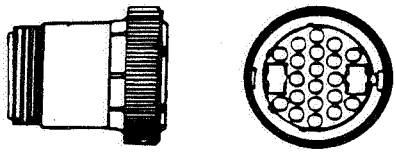
ILLUSTRATION SHOWN AS ASSEMBLED TO TELESCOPE BOOM. USE ONLY PARTS LISTED TO MAKE UP THE ASSEMBLY.

Item	Part No.	Qty.	Description Of Part
	8345-5002	1	4 FOOT BOOM EXTENSION ASSY (includes all items)
1	8863-1352	2	COTTER PIN, 1/4X3
2	8665-1081	2	PIN
3	8345-1025	1	EXTENSION LINK
4	8345-5003	1	PUSH ROD ASSY (includes items 5 & 6)
5	8362-1030	2	BUSHING
6	8662-1004	1	BUSHING
7	8342-5007	1	CONNECTING LINK ASSY (includes items 8 & 9)
8	8362-1037	2	BUSHING
9	8362-1036	2	LIP SEAL
10	7732-1042	1	PIN
11	8320-1011	5	HEX HD CAPSCREW, 3/8-16X1, GR5 SELF-LOCKING (Nylok)

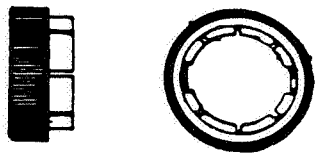
Item	Part No.	Qty.	Description Of Part
12	8867-1001	4	LUBE FITTING, STRAIGHT, 1/8
13	7732-1043	1	KEEPER
14	8362-1033	2	BUSHING
15	8362-1027	2	BACK-UP RING
16	8859-1112	2	O-RING
17	8362-1035	2	LIP SEAL
18	8662-1374	1	WASHER
19	8342-1240	1	PIN
20	8342-1215	2	SPACER
21	8345-1109	1	SHAFT
22	8665-1086	2	CAP
23	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR5
24	8855-1011	4	LOCKWASHER, 3/8

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ELECTRICAL CONNECTORS



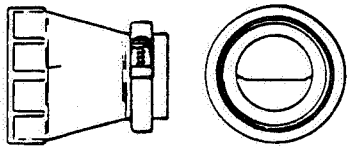
DESCRIPTION: CONNECTOR
AMP NO. 206612-1



DESCRIPTION: LOCK RING
AMP NO. 206251-1
GRADALL NO. 7738-4489



DESCRIPTION: CONNECTOR SEAL
GRADALL NO. 7738-3271



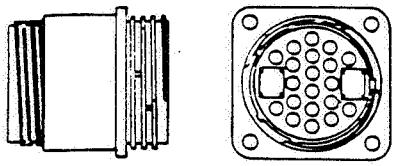
DESCRIPTION: STRAIN RELIEF
AMP NO. 206138-1

AMP Products
Berwyn Pa.
(215) 647-1000

AMP Products
Scaumberg, Ill.
(312) 351-5020

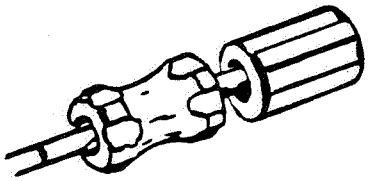
AMP Products
Irving, Texas
(214) 550-1114

AMP Products
Compton, Ca.
(213) 537-4490

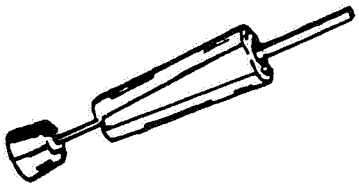


DESCRIPTION: CONNECTOR
AMP NO. 206613-1

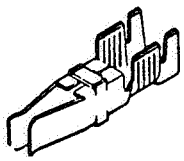
Contact AMP Distributor nearest you for information on parts not stocked by Gradall.



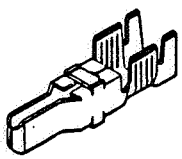
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AMP NO. 91019-3



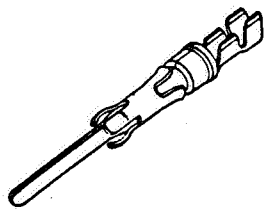
DESCRIPTION: EXTRACTOR TOOL
AMP NO. 305183



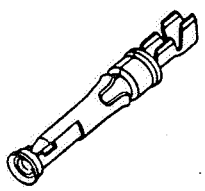
DESCRIPTION: CONTACT
AMP NO. 66257-1
GRADALL NO. 7738-3264



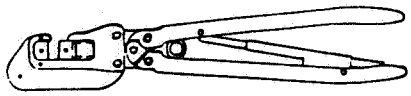
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AMP NO. 66259-1
GRADALL NO. 7738-3263



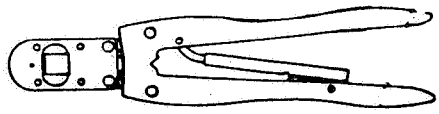
DESCRIPTION: CONTACT
AMP NO. 66602-1
GRADALL NO. 7738-3036



DESCRIPTION: CONTACT
AMP NO. 66601-1
GRADALL NO. 7738-3037



DESCRIPTION: CRIMPING TOOL USE WITH DIE
AMP NO. 69710-1 90140-1



DESCRIPTION: CRIMPING TOOL
AMP NO. 90208-1

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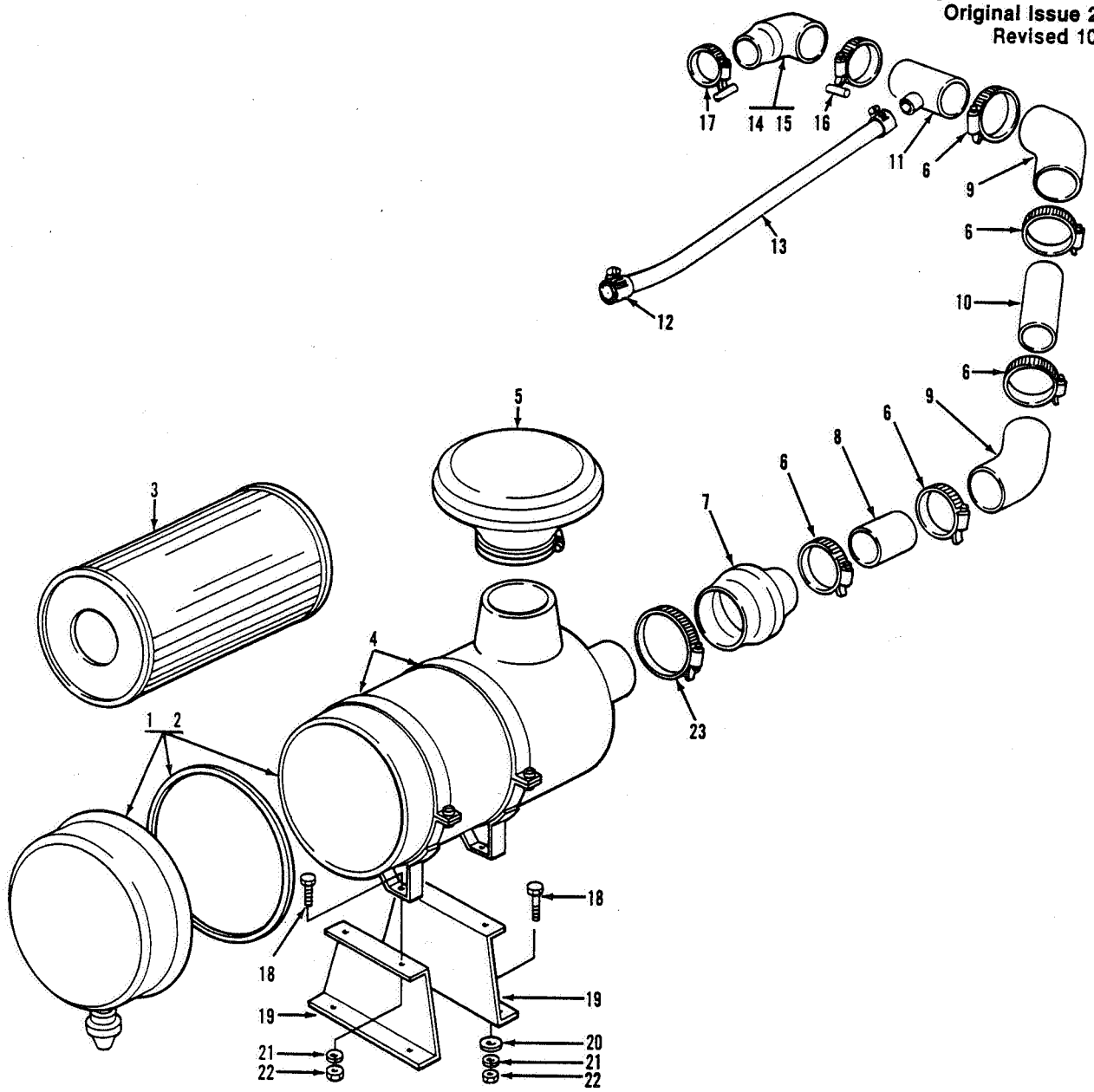
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UNDERCARRIAGE ASSEMBLY
Air Cleaner Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85

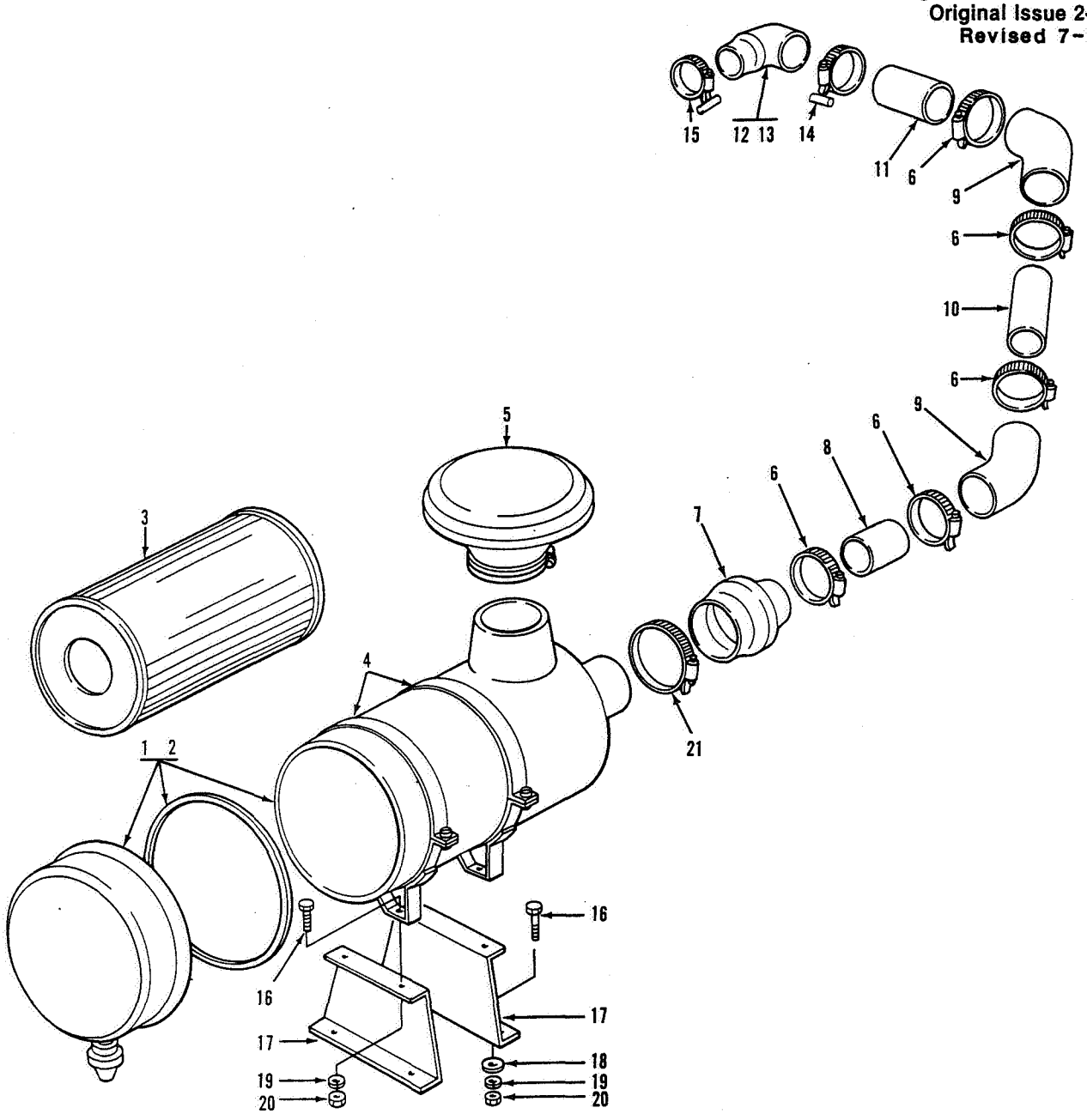


Item	Part No.	Qty.	Description Of Part
1	9020-0517	1	AIR CLEANER ASSY (includes items 2, 3)
2	7738-3154	1	RESTRICTION INDICATOR
3	9020-1415	1	ELEMENT
4	9060-2027	2	MOUNTING BAND
5	9020-0849	1	AIR INLET W/CLAMP
6	8687-1176	5	HOSE CLAMP
7	7738-3125	1	REDUCER
8	7738-1145	1	CONNECTOR
9	7738-3126	2	RUBBER ELBOW, 45 DEGREES
10	7738-1146	1	CONNECTOR
11	7738-3273	1	ADAPTER
12	8667-1187	2	HOSE CLAMP

Item	Part No.	Qty.	Description Of Part
13	7738-3272	1	AIR DUCT HOSE
14	7738-3130	1	AIR INTAKE FITTING ASSY (includes items 15, 16, 17)
15	7738-3127	1	REDUCING ELBOW, 90 DEGREES
16	7738-3129	1	T-BOLT CLAMP, 4"
17	7738-3128	1	T-BOLT CLAMP, 3"
18	8820-1035	8	HEX HD CAPSCREW, 3/8-16X1, GR 5
19	7738-1147	2	FILTER SUPPORT
20	8856-1004	4	FLAT WASHER, 3/8
21	8855-1011	8	LOCK WASHER, 3/8
22	8850-1006	8	HEX NUT, 3/8-16
23	8368-3273	1	HOSE CLAMP

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UNDERCARRIAGE ASSEMBLY
Air Cleaner Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No.87D154
Original Issue 2-85
Revised 7-88

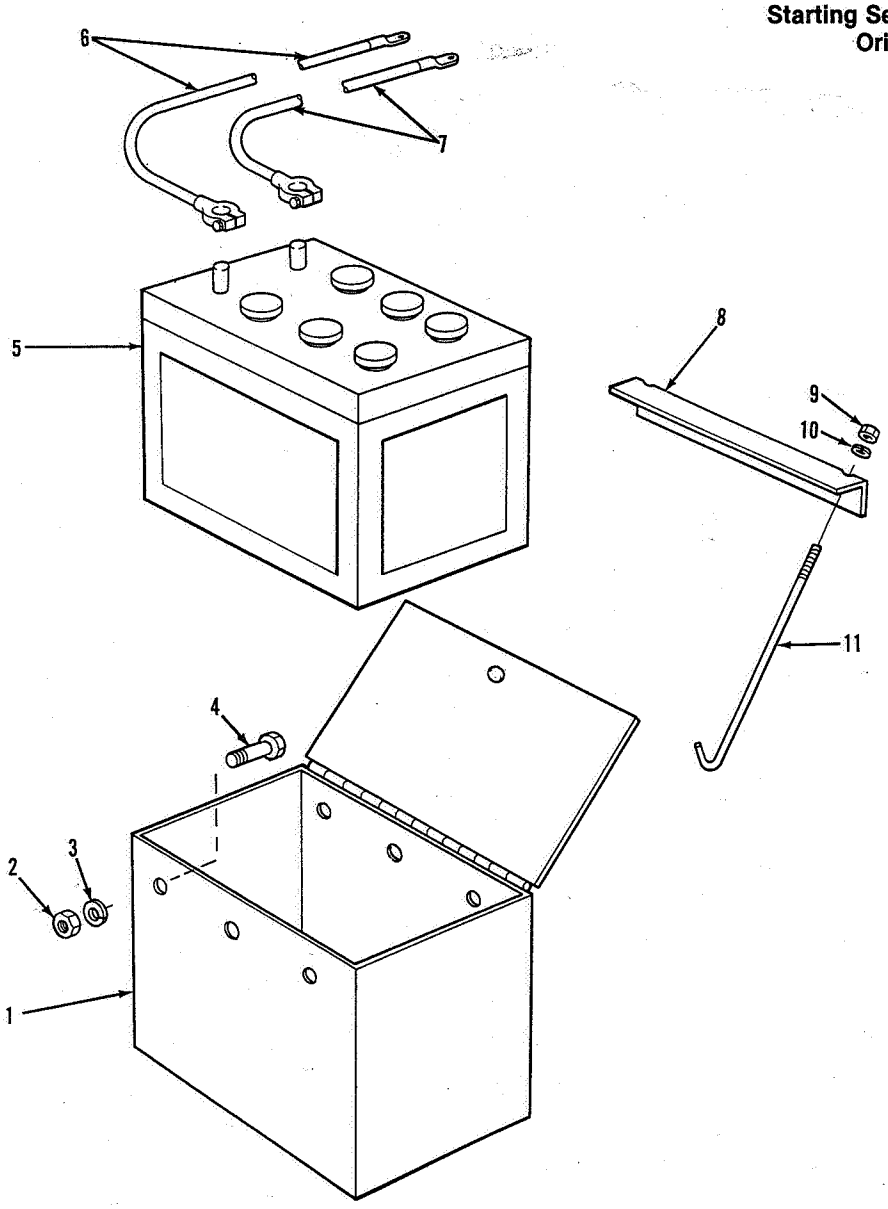


Item	Part No.	Qty.	Description Of Part
1	9020-0517	1	AIR CLEANER ASSY (includes items 2,3)
2	7738-3154	1	RESTRICTION INDICATOR
3	9020-1415	1	ELEMENT
4	9060-2027	2	MOUNTING BAND
5	9020-0849	1	AIR INLET W/CLAMP
6	8687-1176	5	HOSE CLAMP
7	7738-3125	1	REDUCER
8	7738-1145	1	CONNECTOR
9	7738-3126	2	RUBBER ELBOW, 45 DEGREES
10	7738-1146	1	CONNECTOR
11	7738-1530	1	CONNECTOR

Item	Part No.	Qty.	Description Of Part
12	7738-3130	1	AIR INTAKE FITTING ASSY (includes items 13,14,15)
13	7738-3127	1	REDUCING ELBOW, 90 DEGREES
14	7738-3129	1	T-BOLT CLAMP, 4"
15	7738-3128	1	T-BOLT CLAMP, 3"
16	8820-1035	8	HEX HD CAPSCREW, 3/8-16x1, GR5
17	7738-1147	2	FILTER SUPPORT
18	8856-1004	4	FLAT WASHER, 3/8
19	8855-1011	8	LOCK WASHER, 3/8
20	8850-1006	8	HEX NUT, 3/8-16
21	8368-3273	1	HOSE CLAMP

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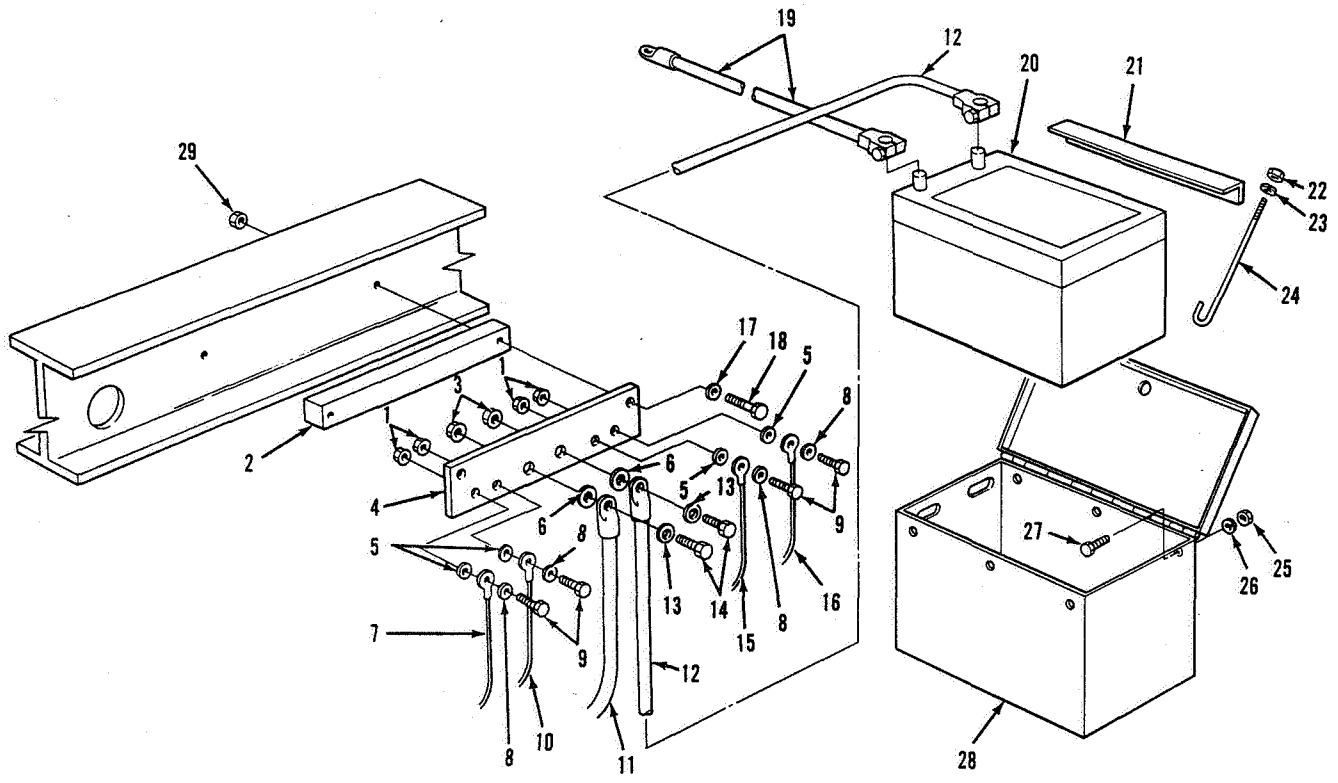
UNDERCARRIAGE ASSEMBLY
Battery Box, Battery & Cables
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-87



Item	Part No.	Qty.	Description Of Part
1	7722-6014	1	BATTERY BOX
2	8850-1006	6	HEX NUT, 3/8-16
3	8855-1011	6	LOCK WASHER, 3/8
4	8820-1035	6	HEX HD CAPSCREW, 3/8-16x1, GR 5
5		1	BATTERY (SAE NO. 8DCIM-900 AMP HOURS, 220 BCI GROUP SIZE 8D
6	7738-3219	1	BATTERY CABLE, POSITIVE
7	7738-3218	1	BATTERY CABLE, NEGATIVE
8	8684-1069	1	HOLD DOWN ANGLE
9	8852-1305	2	HEX LOCKNUT, 5/16-18
10	8856-1108	2	FLAT WASHER, 5/16
11	8688-1371	2	HOLD DOWN STUD

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UNDERCARRIAGE ASSEMBLY
Battery Box, Battery & Cables
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 5-88
Revised 1-89

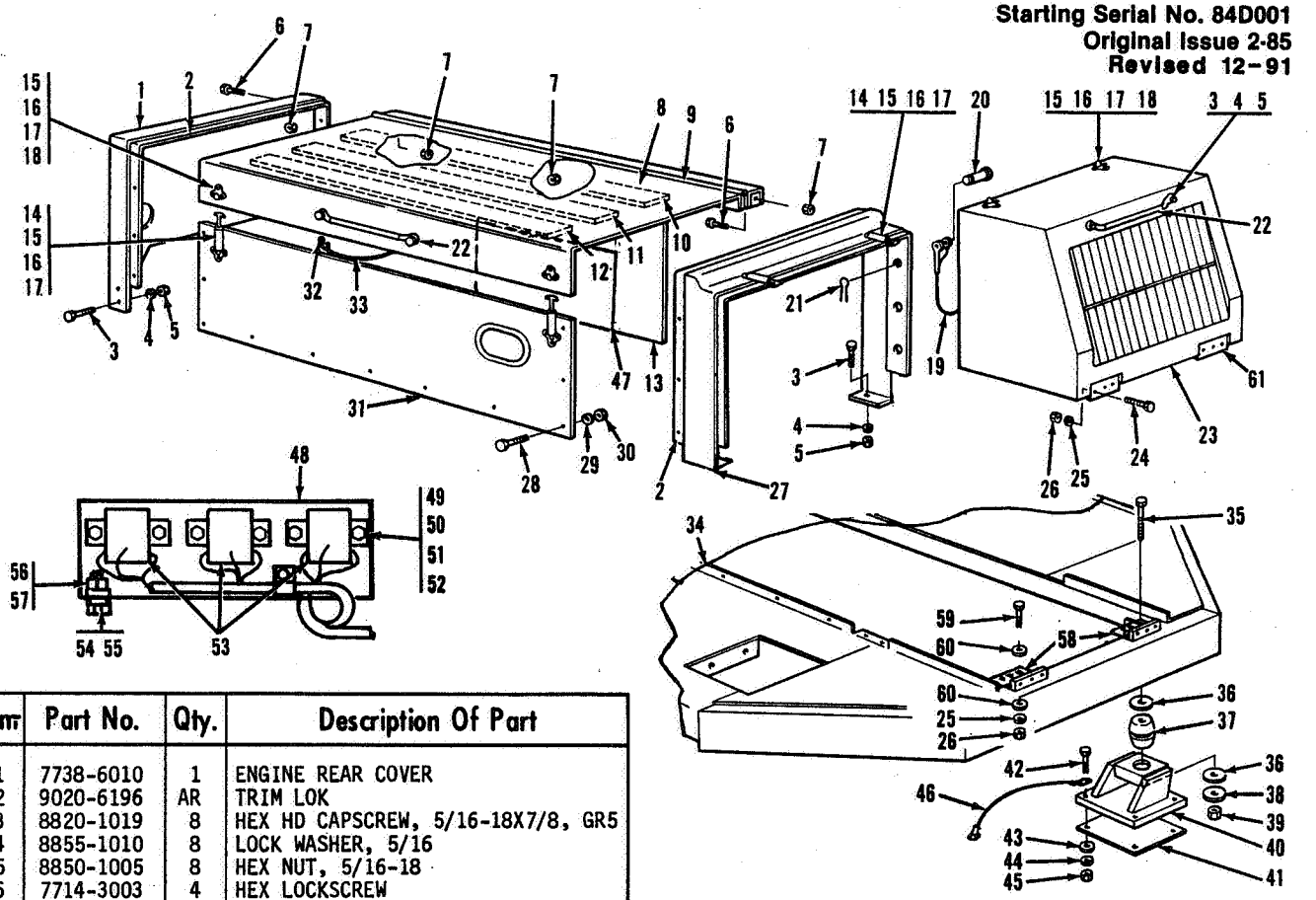


Item	Part No.	Qty.	Description Of Part
1	7714-3013	6	HEX LOCKNUT
2	7738-1528	1	SPACER
3	7714-3014	2	HEX LOCKNUT
4	7738-3474	1	BRASS BUSS BAR
5	7738-3494	4	BRASS WASHER
6	7738-3458	2	BRASS WASHER, 1/2
7	7738-3455	1	ACCESSORY PANEL GROUND CABLE
8	8856-1107	4	FLAT WASHER, 1/4
9	8820-1005	4	HEX HD CAPSCREW, 1/4-20x1, GR5
10	7738-3459	1	CENTER PIN GROUND CABLE
11	7738-3454	1	ENGINE GROUND CABLE
12	7738-3453	1	NEGATIVE BATTERY CABLE
13	1238-1025	2	HARDENED WASHER
14	8820-1065	2	HEX HD CAPSCREW, 1/2-13x1, GR5

Item	Part No.	Qty.	Description Of Part
15	7738-3460	1	ALTERNATOR GROUND CABLE
16	7738-3461	1	DASH PANEL GROUND CABLE
17	1200-1234	2	HARDENED WASHER
18	8820-1039	2	HEX HD CAPSCREW, 3/8-16x2, GR5
19	7738-3219	1	POSITIVE BATTERY CABLE
20	No Number	1	BATTERY, 220 BCI, GROUP SIZE 8D
21	8684-1069	1	HOLD DOWN ANGLE
22	8852-1305	2	HEX LOCKNUT, 5/16-18
23	8856-1108	2	FLAT WASHER, 5/16
24	8688-1371	2	HOLD DOWN STUD
25	8850-1006	6	HEX NUT, 3/8-16
26	8855-1011	6	LOCK WASHER, 3/8-16
27	8820-1035	6	HEX HD CAPSCREW, 3/8-16x1, GR5
28	7722-6014	1	BATTERY BOX
29	7714-3015	2	HEX LOCKNUT

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UNDERCARRIAGE ASSEMBLY
Engine Covers
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 12-91

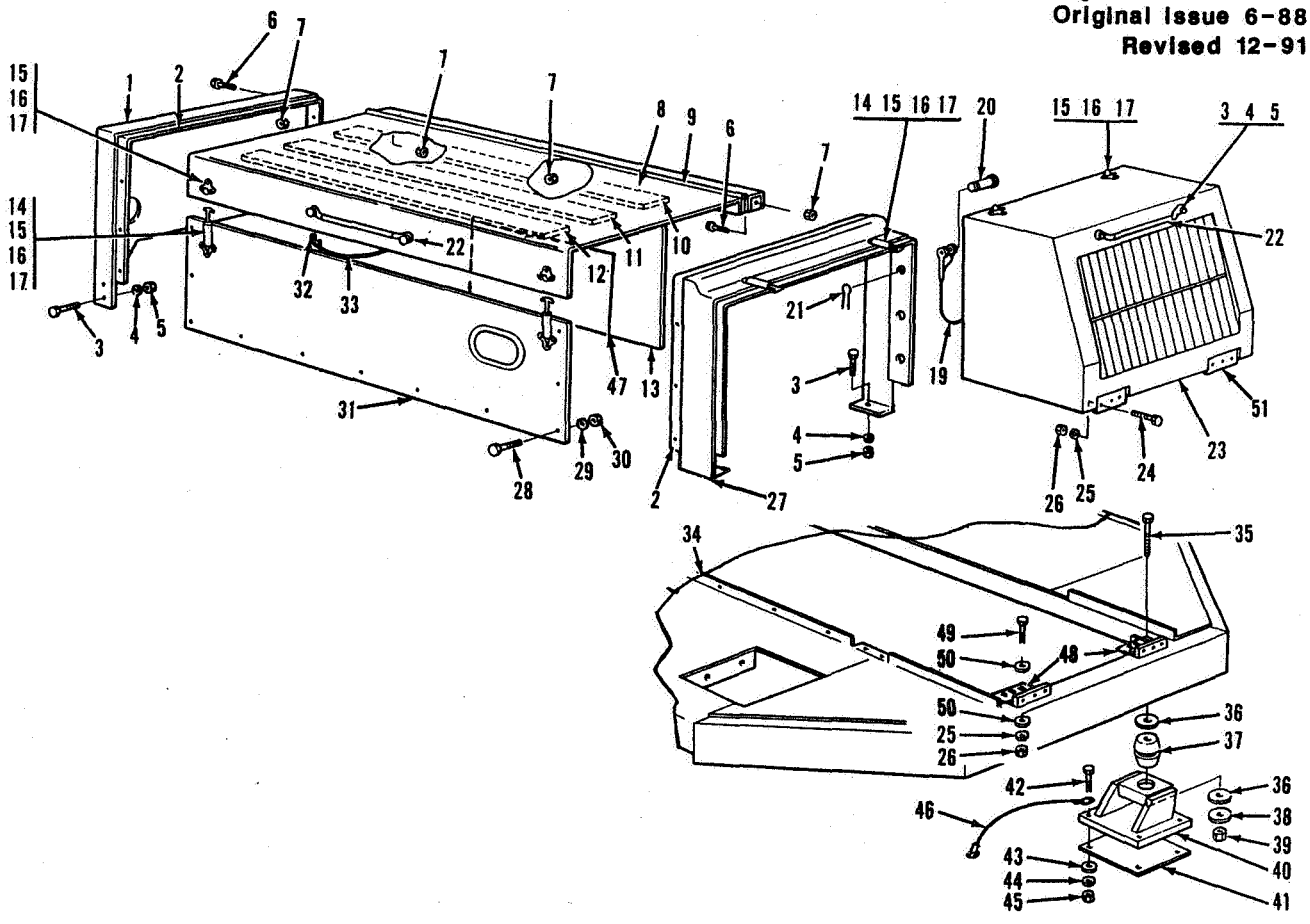


Item	Part No.	Qty.	Description Of Part
1	7738-6010	1	ENGINE REAR COVER
2	9020-6196	AR	TRIM LOK
3	8820-1019	8	HEX HD CAPSCREW, 5/16-18X7/8, GR5
4	8855-1010	8	LOCK WASHER, 5/16
5	8850-1005	8	HEX NUT, 5/16-18
6	7714-3003	4	HEX LOCKSCREW
7	7714-3006	13	HEX LOCKNUT
8	7738-6017	1	HOOD & HINGE WELDMENT (includes items 9, 10, 11, 12)
9	8698-1153	1	HINGE
10	8698-1370	1	INSULATION PANEL
11	8698-1371	1	INSULATION PANEL
12	8698-1372	1	INSULATION PANEL
13	7738-3151	1	FIRE WALL
14	8668-3216	4	HOOD CATCH LATCH
15	8830-1372	24	FLAT HD MACHINE SCREW, #10-32X5/8
16	8855-1007	24	LOCK WASHER, #10
17	8850-1613	24	HEX NUT, #10-32
18	8668-3217	4	HOOD CATCH BRACKET
19	7738-3144	2	HOOD STOP CABLE (includes items 20, 21)
20	8863-3000	2	YOKE PIN, 3/16X9/32
21	8863-1302	2	COTTER PIN, 1/16X3/4
22	8367-1166	2	GRAB HANDLE
23	7738-6013	1	FRONT COVER(includes item 61)
24	8820-1050	6	HEX HD CAPSCREW, 7/16-14X1, GR 5
25	8855-1012	12	LOCK WASHER, 7/16
26	8850-1007	12	HEX NUT, 7/16-14
27	7738-6011	1	FRONT COVER SUPPORT
28	8820-1003	6	HEX HD CAPSCREW, 1/4-20X3/4, GR 5
29	8855-1009	6	LOCK WASHER, 1/4
30	8850-1004	6	HEX NUT, 1/4-20
31	7738-1064	1	HOOD SILL
32	7738-1308	2	CLIP
33	7738-3197	1	RUBBER TIE STRAP
34	7738-6009	1	CAB SUPPORT
35	8320-1044	4	HEX HD CAPSCREW
36	8856-1008	8	FLAT WASHER, 5/8
37	8688-1227	4	SHOCK MOUNT

Item	Part No.	Qty.	Description Of Part
38	8688-1287	4	WASHER
39	8852-1310	4	HEX LOCKNUT, 5/8-11
40	7738-6033	4	MOUNTING BRACKET
41	7738-1275	AR	SHIM
42	8820-1069	16	HEX HD CAPSCREW, 1/2-13 x 2, GR 5
43	8856-1006	16	FLAT WASHER, 1/2
44	8855-1013	16	LOCK WASHER, 1/2
45	8850-1008	16	HEX NUT, 1/2-13
46	8687-1097	1	GROUND CABLE
47	7738-3321	1	FIRE WALL
48	7738-1209	1	MOUNTING PLATE
49	8820-1002	6	HEX HD CAPSCREW, 1/4-20 x 5/8, GR 5
50	8855-1009	6	LOCK WASHER, 1/4
51	8850-1009	6	HEX NUT, 1/4-20
52	8856-1002	6	FLAT WASHER, 1/4
53	7738-3377	3	SOLENOID RELAY
54	8820-1019	2	HEX HD CAPSCREW, 5/16-18 x 7/8, GR 5
55	8856-1003	2	FLAT WASHER, 5/16
56	8850-1005	2	HEX NUT, 5/16-18
57	8855-1010	2	LOCKWASHER, 5/16
58	7738-1438	2	MOUNTING BRACKET
59	8820-1051	6	HEX HD CAPSCREW, 7/16-14 x 1-1/4 GR 5
60	8856-1110	12	FLAT WASHER, 7/16
61	7716-3090	2	HINGE

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UNDERCARRIAGE ASSEMBLY
Engine Covers
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 6-88
Revised 12-91

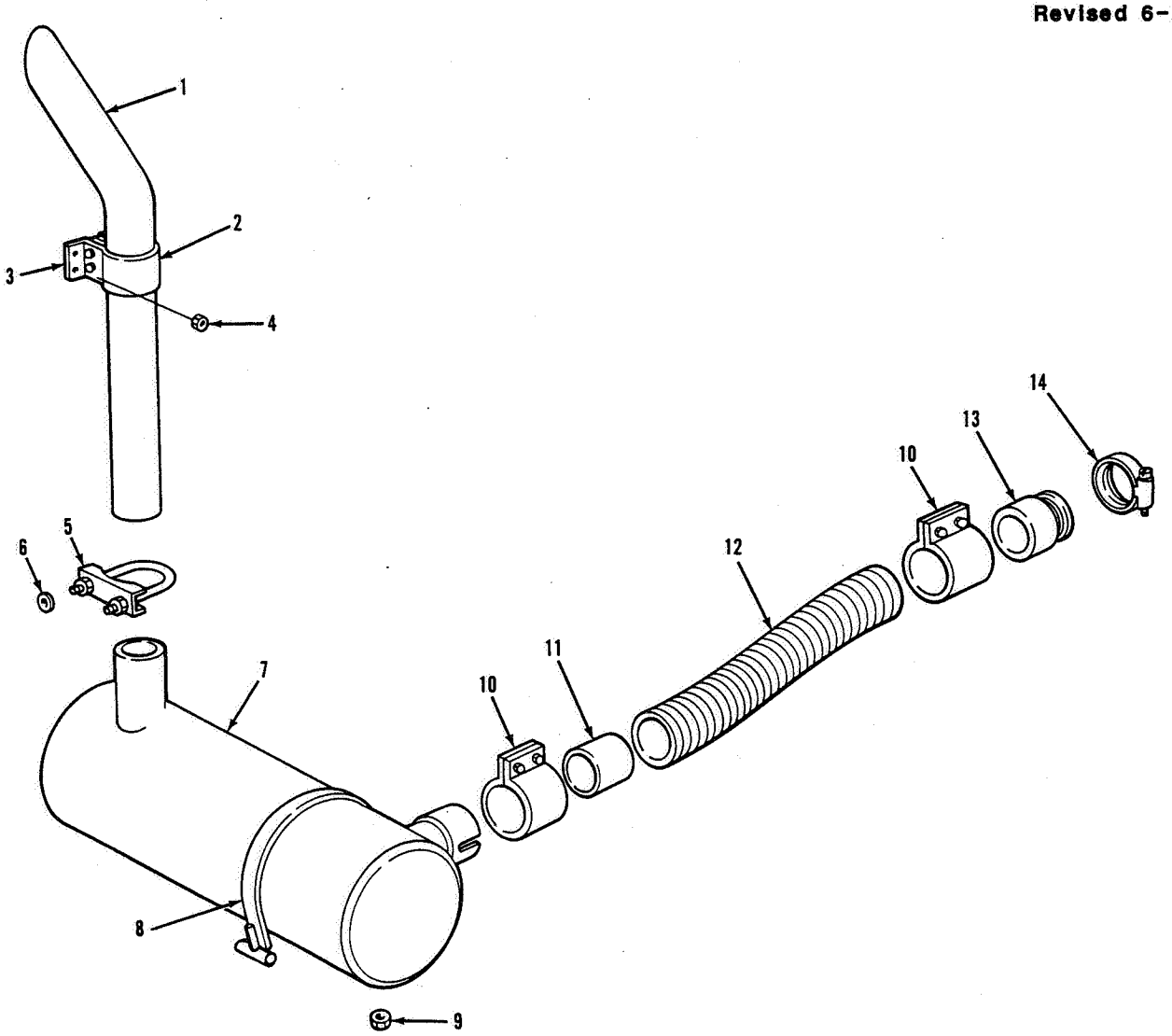


Item	Part No.	Qty.	Description Of Part
1	7738-6010	1	ENGINE REAR COVER
2	9020-6196	AR	TRIM LOK
3	8820-1019	8	HEX HD CAPSCREW, 5/16-18X7/8, GR5
4	8855-1010	8	LOCKWASHER, 5/16
5	8850-1005	8	HEX NUT, 5/16-18
6	7714-3003	4	HEX LOCKSCREW
7	7714-3006	13	HEX LOCKNUT
8	7738-6017	1	HOOD & HINGE WELDMENT (includes items 9, 10, 11 & 12)
9	8698-1153	1	HINGE
10	8698-1370	1	INSULATION PANEL
11	8698-1371	1	INSULATION PANEL
12	8698-1372	1	INSULATION PANEL
13	7738-3151	1	FIRE WALL
14	8668-3216	4	HOOD CATCH LATCH
15	8830-1372	24	FLAT HD MACHINE SCREW, #10-32X5/8
16	8850-1007	24	LOCKWASHER, #10
17	8850-1613	24	HEX NUT, #10-32
19	7738-3144	2	HOOD STOP CABLE (includes items 20 & 21)
20	8863-3000	2	YOKE PIN, 3/16X9/32
21	8863-1302	2	COTTER PIN, 1/16X3/4
22	8367-1166	2	GRAB HANDLE
23	7738-6013	1	FRONT COVER (includes item 51)
24	8820-1050	6	HEX HD CAPSCREW, 7/16-14X1, GR5

Item	Part No.	Qty.	Description Of Part
25	8855-1012	12	LOCKWASHER, 7/16
26	8850-1007	12	HEX NUT, 7/16-14
27	7738-6011	1	FRONT COVER SUPPORT
28	8820-1003	6	HEX HD CAPSCREW, 1/4-20X3/4, GR5
29	8855-1009	6	LOCKWASHER, 1/4
30	8850-1004	6	HEX NUT, 1/4-20
31	7738-1064	1	HOOD SILL
32	7738-1308	2	CLIP
33	7738-3197	1	RUBBER TIE STRAP
34	7738-6009	1	CAB SUPPORT
35	8320-1044	4	HEX HD CAPSCREW, 5/8-11X4, GR8
36	8856-1008	8	FLAT WASHER, 5/8
37	8688-1227	4	SHOCK MOUNT
38	8688-1287	4	WASHER
39	8852-1310	4	HEX LOCKNUT, 5/8-11
40	7738-6033	4	MOUNTING BRACKET
41	7738-1275	AR	SHIM
42	8820-1069	16	HEX HD CAPSCREW, 1/2-13X2, GR5
43	8856-1006	16	FLAT WASHER, 1/2
44	8855-1013	16	LOCKWASHER, 1/2
45	8850-1008	16	HEX NUT, 1/2-13
46	8687-1097	1	GROUND CABLE
47	7738-3321	1	FIRE WALL
48	7738-1438	2	MOUNTING BRACKET
49	8820-1051	6	HEX HD CAPSCREW, 7/16-14X1-1/2, GR5
50	8856-1110	12	FLAT WASHER, 7/16
51	7716-3090	2	HINGE

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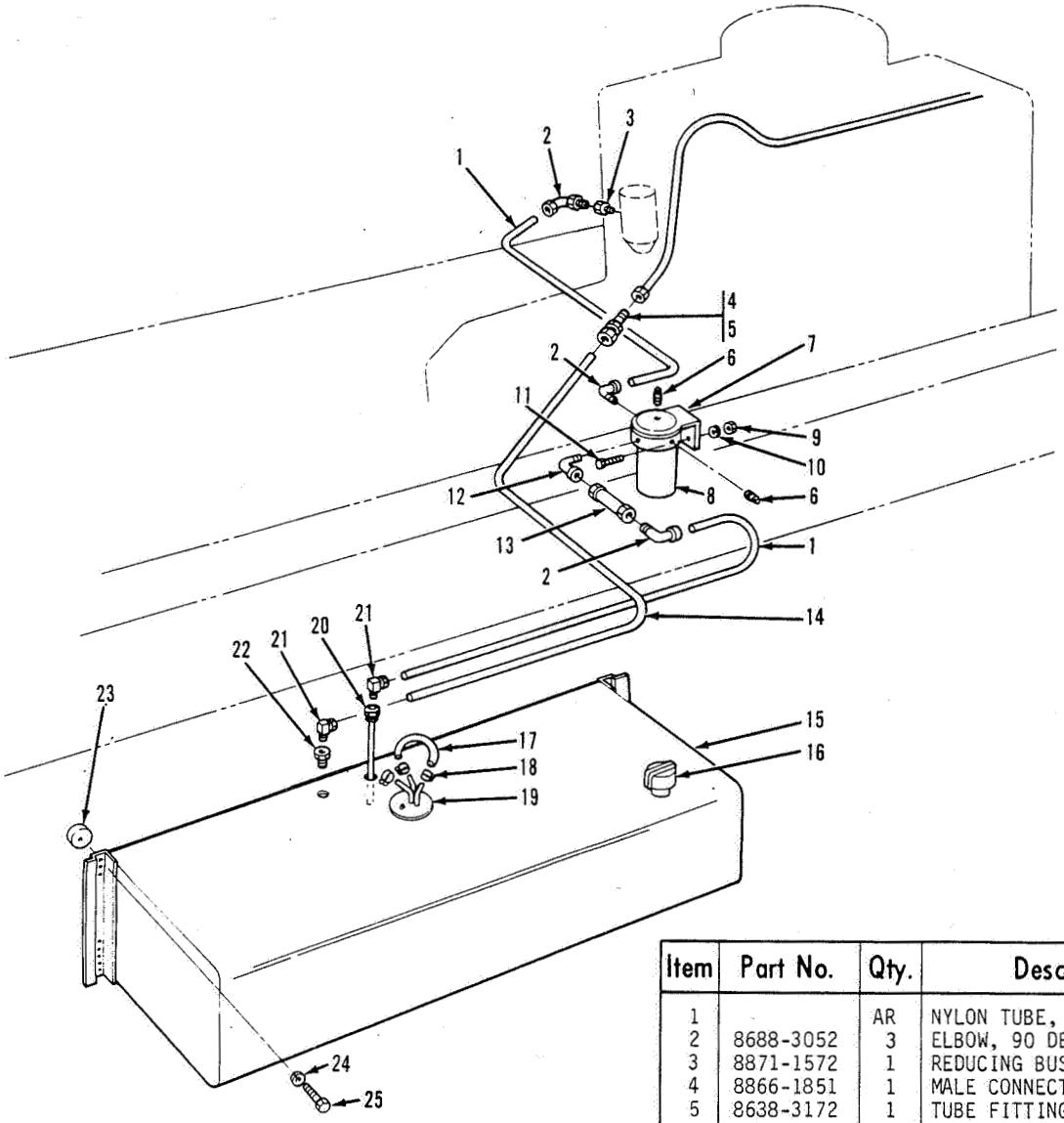
UNDERCARRIAGE ASSEMBLY
Exhaust System
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D017
Original Issue 5-87
Revised 6-88



Item	Part No.	Qty.	Description Of Part
1	7738-3124	1	STACK
2	8367-1149	1	SEAL CLAMP (includes attaching parts)
3	7738-1383	1	BRACKET
4	7714-3006	2	HEX LOCKNUT
5	8667-1583	1	MUFFLER CLAMP
6	8856-1004	2	FLAT WASHER, 3/8
7	7738-3194	1	MUFFLER
8	7738-6074	1	MUFFLER MOUNTING STRAP
9	8852-1406	1	HEX LOCKNUT, 3/8-24
10	8371-3009	2	SEAL CLAMP
11	7710-1229	1	CONNECTOR
12	7738-3385	1	FLEXIBLE PIPE (26" LONG, 4" O.D.)
13	7738-1466	1	ADAPTER
14	7738-3153	1	V BAND CLAMP

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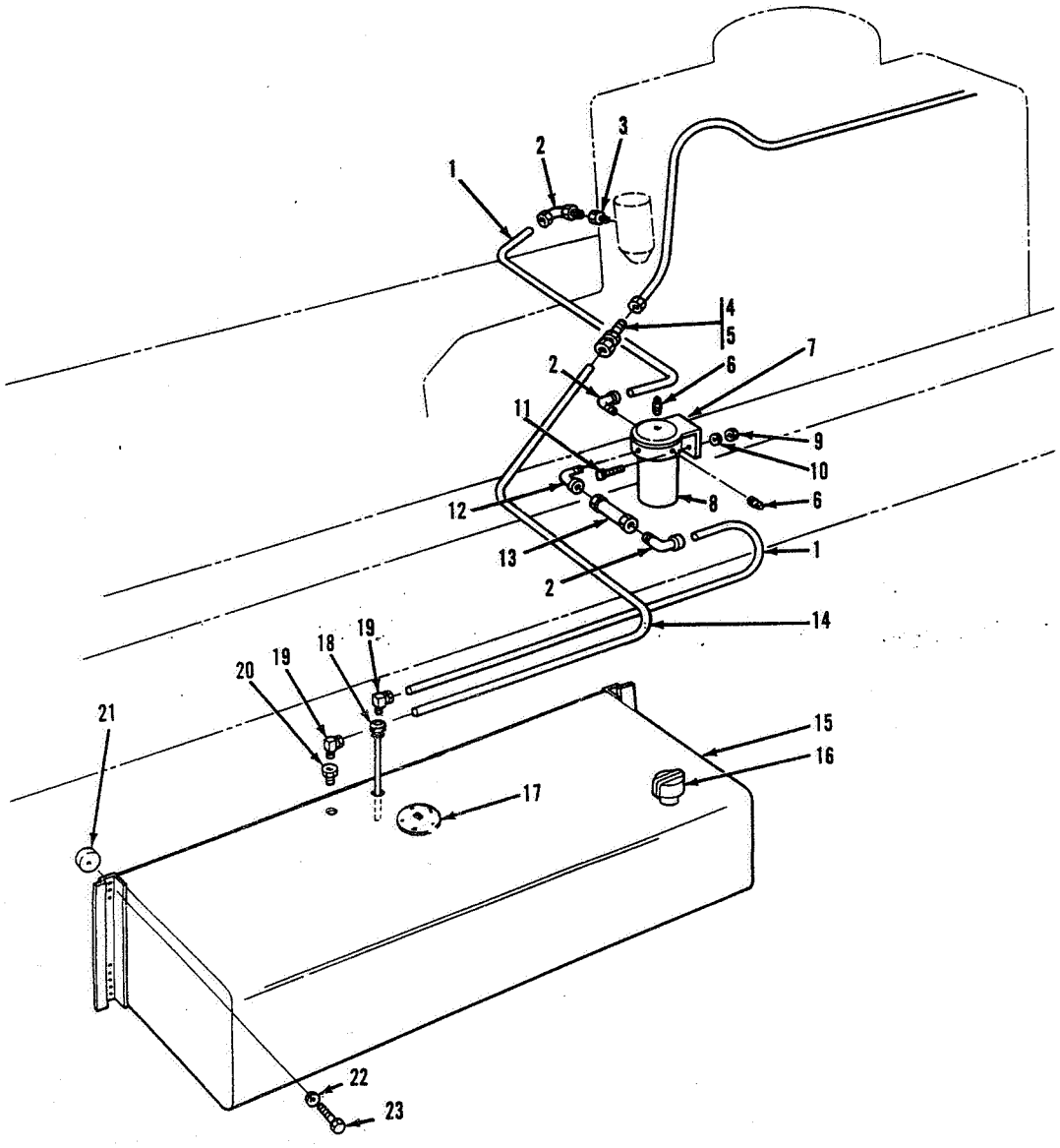
UNDERCARRIAGE ASSEMBLY
Fuel Tank & Lines
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
1		AR	NYLON TUBE, 1/2 O.D.
2	8688-3052	3	ELBOW, 90 DEGREES, 3/8X1/2
3	8871-1572	1	REDUCING BUSHING, 1/2X3/8
4	8866-1851	1	MALE CONNECTOR, 1/8
5	8638-3172	1	TUBE FITTING, 1/8X3/8
6	8871-1252	2	SQUARE HD PIPE PLUG, 3/8
7	8368-3377	1	FILTER BASE
8	8307-4447	1	FUEL FILTER ELEMENT
9	8850-1006	2	HEX NUT, 3/8-16
10	8855-1011	2	LOCK WASHER, 3/8
11	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
12	8871-2081	1	STREET ELBOW
13	8698-3304	1	CHECK VALVE
14		AR	NYLON TUBE, 3/8 O.D.
15	7738-3256	1	FUEL TANK ASSY (includes item 17)
16	8368-3030	1	FUEL TANK CAP
17		AR	SYNTHETIC RUBBER HOSE, 3/8 I.D.
18	8348-3497	3	HOSE CLAMP
19	7738-3284	1	FUEL LEVEL SENDER
20	7738-6065	1	PICKUP TUBE
21	8688-3045	2	ELBOW, 90 DEGREES, 3/8
22	8871-1383	1	REDUCING BUSHING, 1/2X3/8
23	8368-1338	4	SPACER
24	8855-1015	4	LOCK WASHER, 5/8
25	8820-1098	4	HEX HD CAPSCREW, 5/8-11X2-1/4 GR 5

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UNDERCARRIAGE ASSEMBLY
Fuel Tank & Lines
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 4-88
Revised 3-89

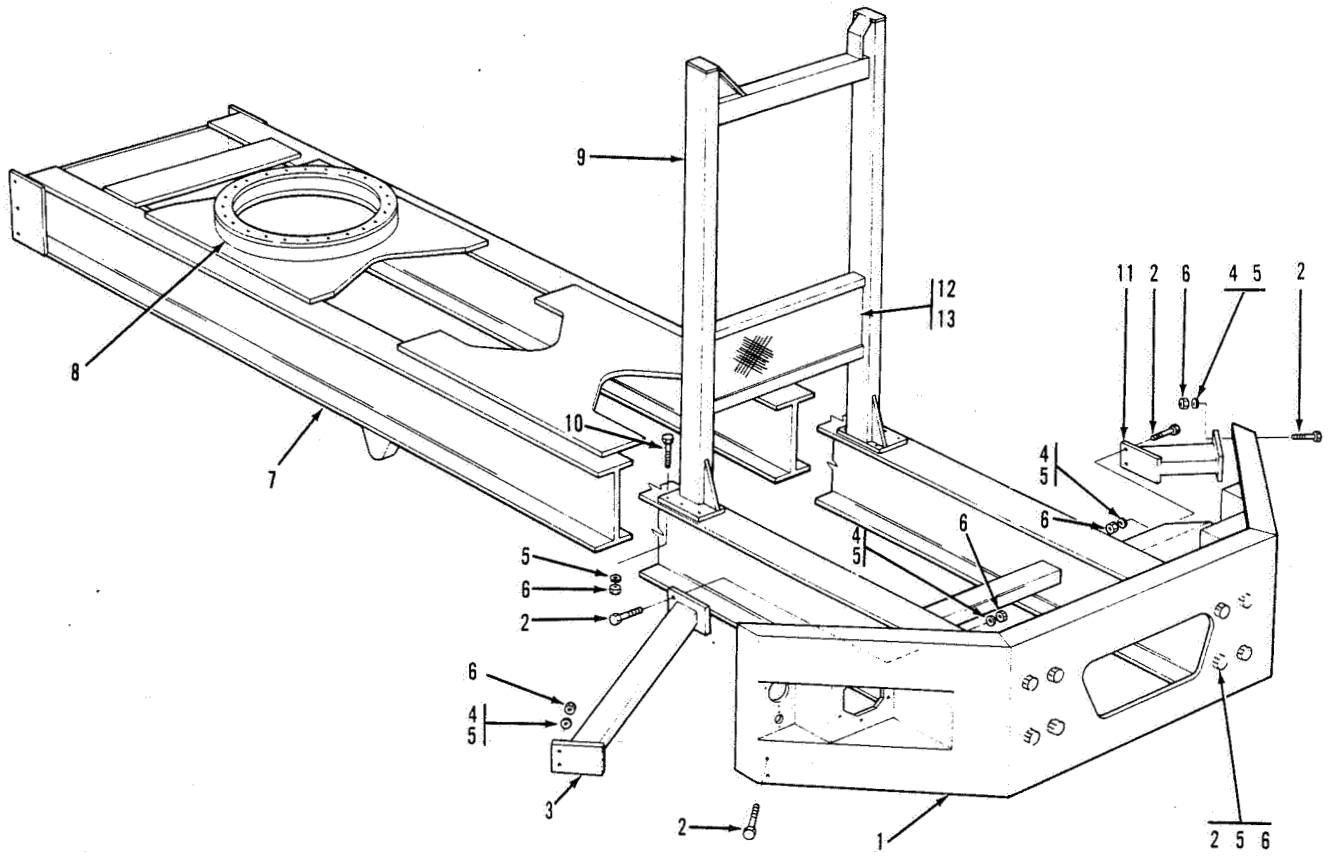


Item	Part No.	Qty.	Description Of Part
1	No Number	AR	NYLON TUBE, 1/2 O.D.
2	8688-3052	3	ELBOW, 90 DEGREES, 3/8x1/2
3	8871-1572	1	REDUCING BUSHING, 1/2x3/8
4	8866-1851	1	MALE CONNECTOR, 1/8
5	8638-3172	1	TUBE FITTING, 1/8x3/8
6	8871-1252	2	SQUARE HD PIPE PLUG, 3/8
7	8368-3377	1	FILTER BASE
8	8307-4447	1	FUEL FILTER ELEMENT
9	8850-1006	2	HEX NUT, 3/8-16
10	8855-1011	2	LOCK WASHER, 3/8
11	8820-1036	2	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
12	8871-2081	1	STREET ELBOW, 90 DEGREES, 3/8

Item	Part No.	Qty.	Description Of Part
13	8698-3304	1	CHECK VALVE
14	No Number	AR	NYLON TUBE, 3/8 O.D.
15	7738-3256	1	FUEL TANK ASSY (includes item 16)
16	8368-3030	1	FUEL TANK CAP
17	7738-5122	1	FUEL LEVEL SENDER
18	7738-6065	1	PICKUP TUBE
19	8688-3045	2	ELBOW, 90 DEGREES, 3/8
20	8871-1383	1	REDUCING BUSHING, 1/2x3/8
21	8368-1338	4	SPACER
22	8855-1015	4	LOCK WASHER, 5/8
23	8820-1098	4	HEX HD CAPSCREW, 5/8-11x2-1/4 GR5

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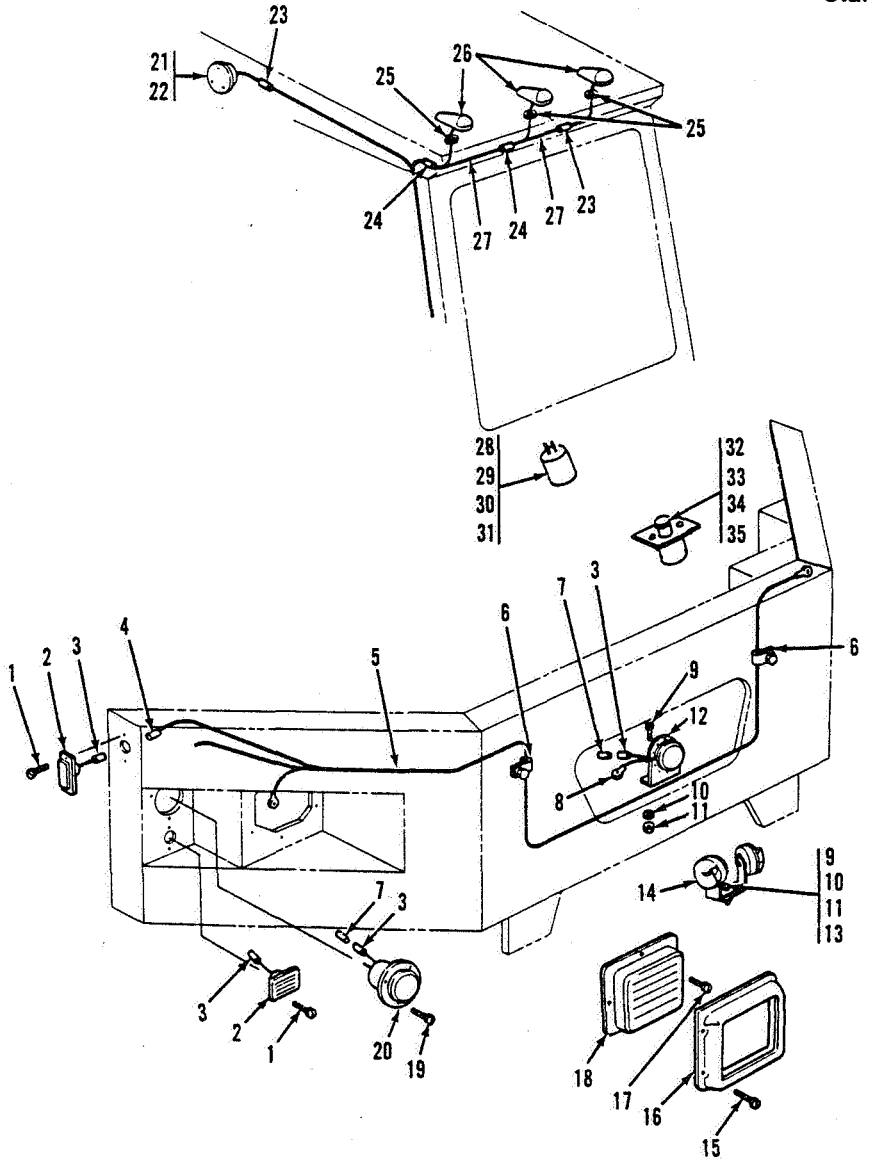
UNDERCARRIAGE ASSEMBLY
Frame
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
1	7738-6030	1	FRONT BUMPER
2	8820-1067	16	HEX HD CAPSCREW, 1/2-13X1-1/2 GR 5
3	7738-1304	1	SUPPORT BRACE, R.H.
4	8856-1006	8	FLAT WASHER, 1/2
5	8855-1013	26	LOCK WASHER, 1/2
6	8850-1008	26	HEX NUT, 1/2-13
7	7738-6005	1	CHASSIS FRAME
8	7738-6002	1	SWING ADAPTER
9	7738-6038	1	BOOM REST
10	8820-1069	10	HEX HD CAPSCREW, 1/2-13X2, GR 5
11	7738-1305	1	SUPPORT BRACE, L.H.
12	7738-1372	1	GRILL
13	9002-7316	1	DRIVE SCREW

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UNDERCARRIAGE ASSEMBLY
Head Lights
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

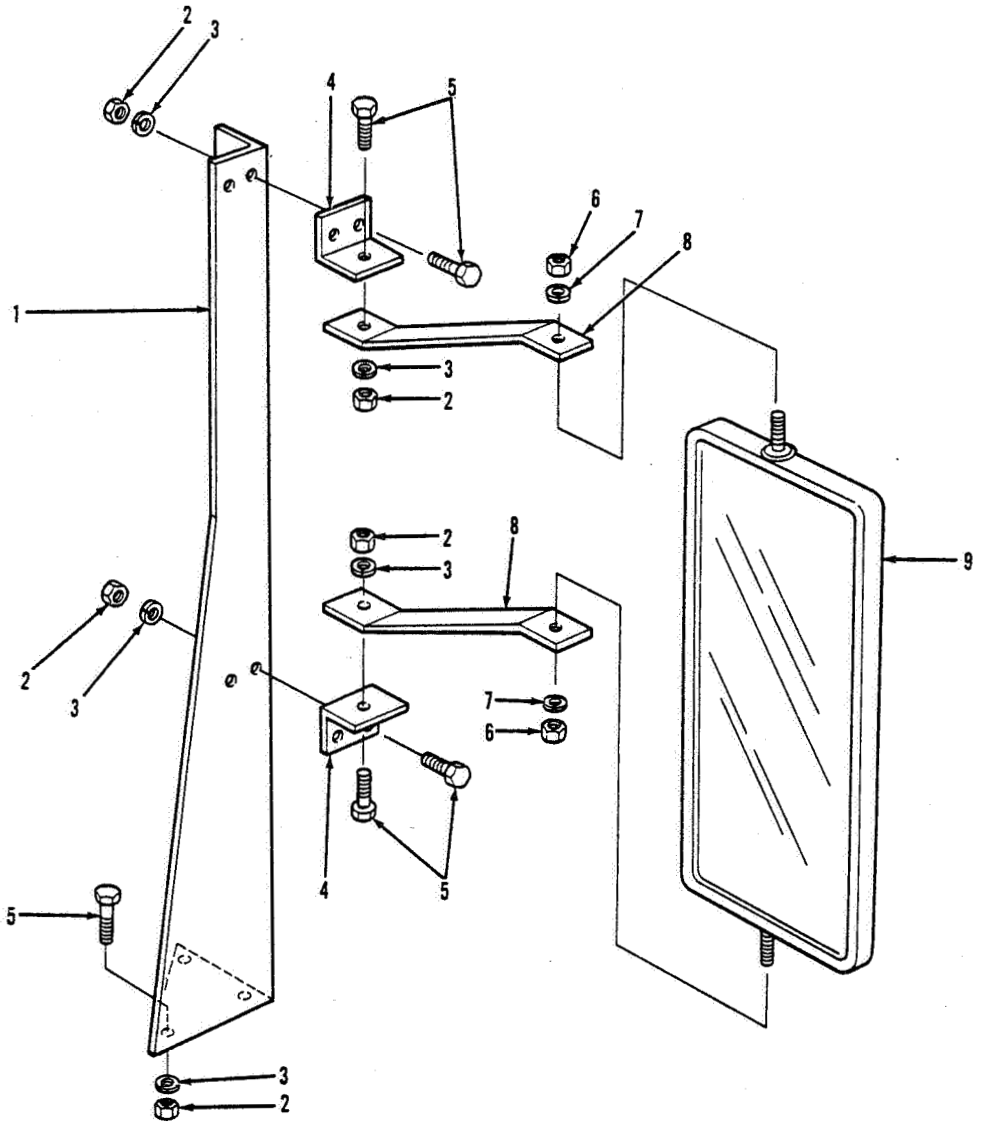


Item	Part No.	Qty.	Description Of Part
1	8832-1039	10	SELF TAPPING SCREW, #10-32X1/2
2	8668-3450	5	AMBER CLEARANCE LIGHT ASSY
3	8698-3193	5	BULLET TERMINAL
4	2460-1589	2	THREE-WAY CONNECTOR
5		Ref	CHASSIS WIRING HARNESS (see page UN 2-15 for details)
6	2460-1710	2	SUPPORT CLAMP
7	2460-1587	3	CONNECTOR
8	8698-3191	1	RING TERMINAL
9	8820-1003	4	HEX HD CAPSCREW 1/4-20X3/4, GR 5
10	8855-1009	4	LOCK WASHER, 1/4
11	8850-1004	4	HEX NUT, 1/4-20
12	7722-3003	1	TRAVEL ALARM
13	8856-1002	2	FLAT WASHER, 1/4
14	8668-3421	1	HORN ASSY
15	8368-3229	8	SHEET METAL SCREW
16	8368-3083	2	BEZEL
17	8832-1052	8	SELF TAPPING SCREW, 1/4-20X1-1/4

Item	Part No.	Qty.	Description Of Part
18	8368-3082	2	HEAD LAMP
19	8832-1015	6	SELF TAPPING SCREW, #6-32X1/2
20	8698-3219	2	AMBER TURN SIGNAL LIGHT ASSY
21	2486-1167	1	DOME LIGHT ASSY
22	8832-1022	3	SELF TAPPING SCREW, #8-32X3/8
23	8668-3480	2	BUTT CONNECTOR
24	8348-3078	2	BUTT CONNECTOR
25	8505-1383	3	GROMMET
26	8688-3336	3	AMBER MARKER LIGHT ASSY
27		AR	WIRE, 16 GA. BLACK
28	8668-3381	1	DIRECTIONAL SIGNAL FLASHER
29	8830-2070	1	FLAT HD MACHINE SCREW, #8-32X1/8
30	8855-1006	1	LOCK WASHER, #8
31	8850-1610	1	HEX NUT, #8-32
32	8668-3136	1	FOOT DIMMER SWITCH
33	8830-2123	2	ROUND HD MACHINE SCREW, 1/4-20X1/2
34	8855-4918	2	LOCK WASHER, 1/4
35	8850-1004	2	HEX NUT, 1/4-20

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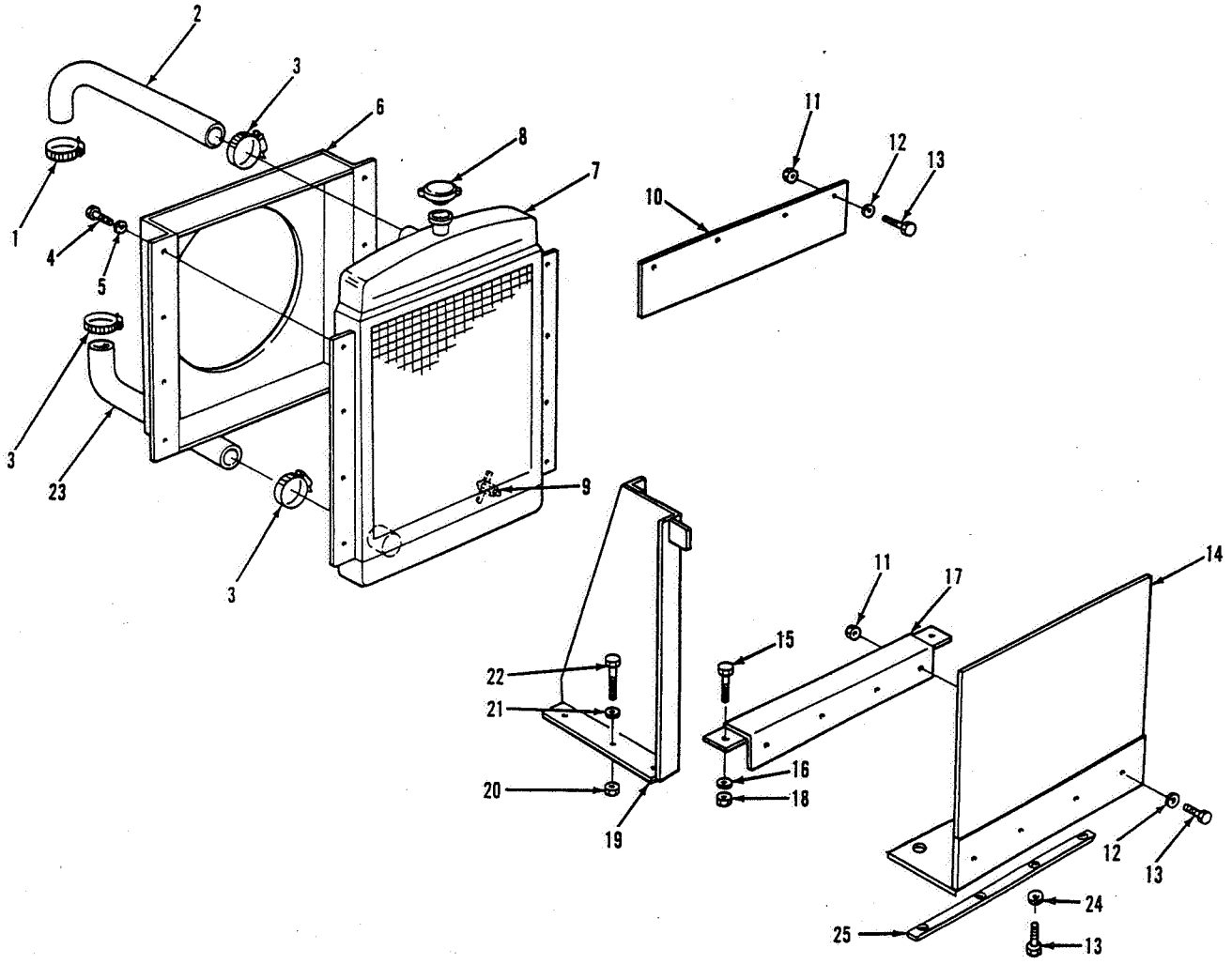
UNDERCARRIAGE ASSEMBLY
Rear View Mirror
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
1	7738-1218	1	MIRROR POST
2	8850-1006	9	HEX NUT, 3/8-16
3	8855-1011	9	LOCK WASHER, 3/8
4	7738-1182	2	MOUNTING BRACKET
5	8820-1035	9	HEX HD CAPSCREW, 3/8-16X1, GR 5
6	8850-1618	2	HEX NUT, 5/16-18
7	8855-1010	2	LOCK WASHER, 5/16
8	7738-1174	2	EXTENSION ARM
9	8688-1635	1	REAR VIEW MIRROR

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UNDERCARRIAGE ASSEMBLY
Radiator & Hoses
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 11-87



Item	Part No.	Qty.	Description Of Part
1	8507-1128	1	HOSE CLAMP
2	7738-3146	1	UPPER RADIATOR HOSE
3	8688-3327	3	HOSE CLAMP
4	8820-1035	8	HEX HD CAPSCREW, 3/8-16X1, GR5
5	8856-1004	8	FLAT WASHER 3/8
6	7738-1181	1	FAN SHROUD
7	7721-3007	1	RADIATOR
8	8572-1006	1	RADIATOR CAP
9	8668-3172	1	DRAIN VALVE
10	7738-3145	1	RUBBER FLAP
11	8850-1004	8	HEX NUT, 1/4-20
12	8856-1002	8	FLAT WASHER, 1/4
13	8820-1004	12	HEX HD CAPSCREW, 1/4-20X7/8, GR5
14	7738-3149	1	RUBBER FLAP

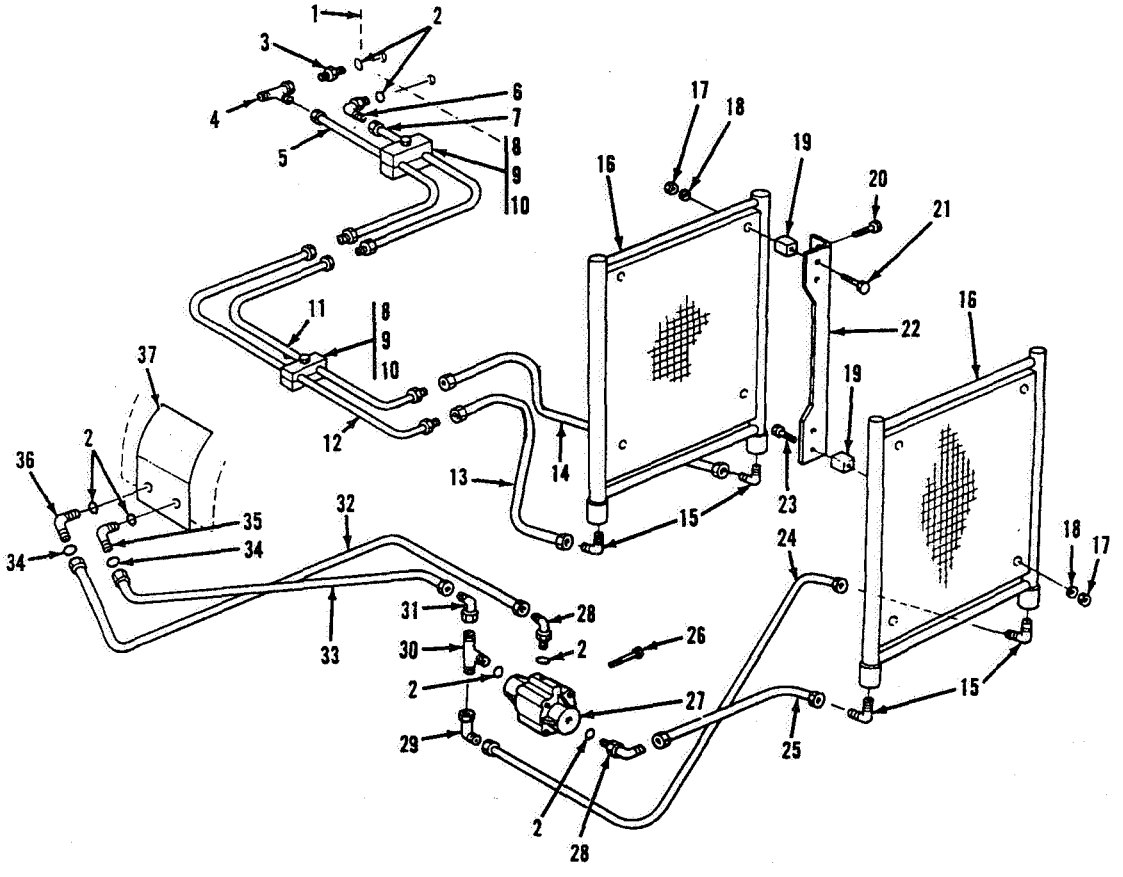
Item	Part No.	Qty.	Description Of Part
15	8820-1021	2	HEX HD CAPSCREW, 5/16-18X1-1/4 GR5
16	8856-1003	2	FLAT WASHER, 5/16
17	7738-1204	1	FLAP SUPPORT
18	8850-1005	2	HEX NUT, 5/16-18
19	7738-6035	1	RADIATOR MOUNT, R.H.
	7738-6034	1	RADIATOR MOUNT, L.H.
20	8850-1006	6	HEX NUT, 3/8-16
21	8856-1004	6	FLAT WASHER, 3/8
22	8820-1037	6	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5
23	7738-3147	1	LOWER RADIATOR HOSE
24	8855-1009	4	LOCK WASHER, 1/4
25	7738-1374	2	RUBBER FLAP STRIP

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UNDERCARRIAGE ASSEMBLY

Oil Coolers & Hoses

4x2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 7-92

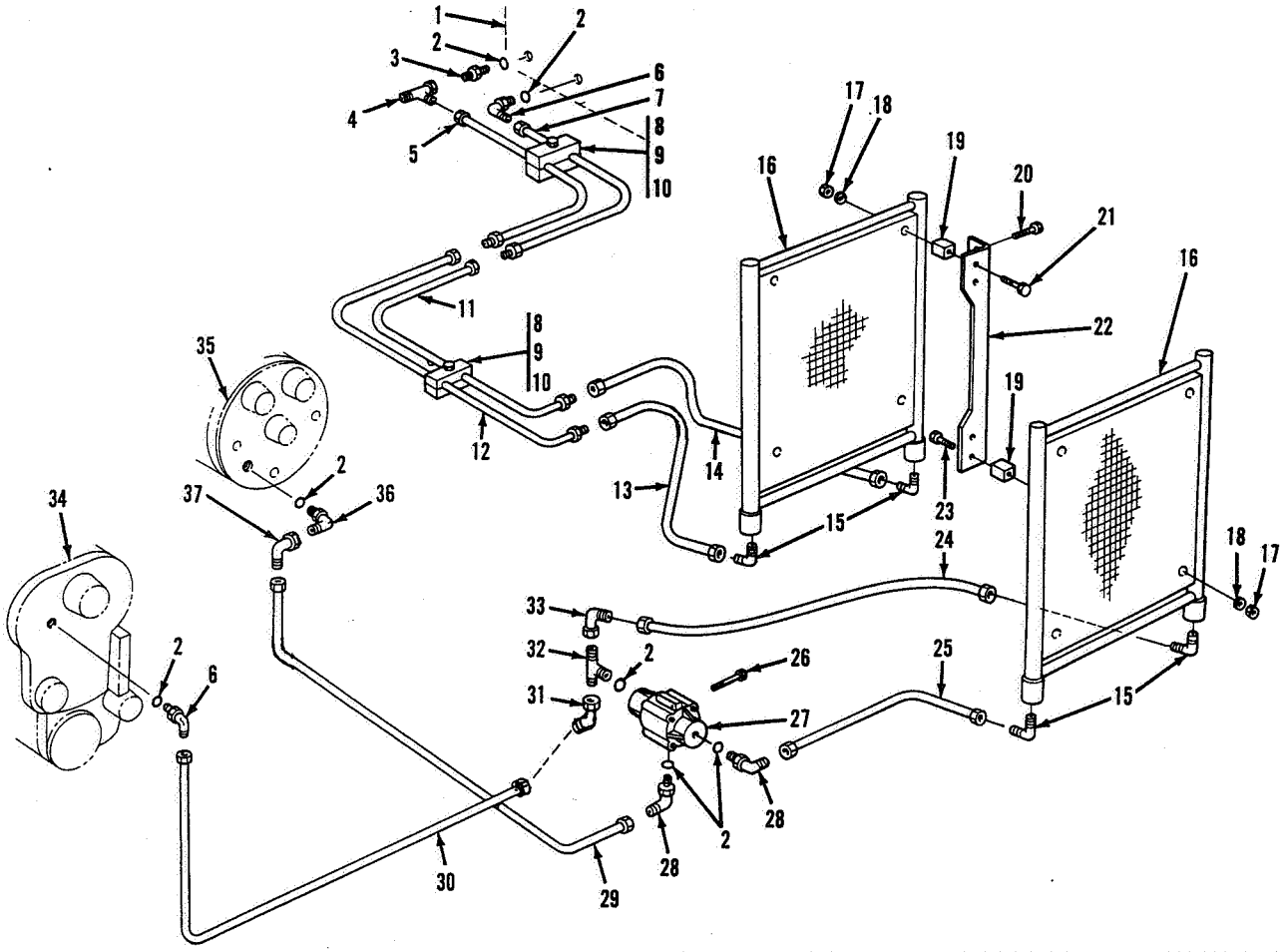


Item	Part No.	Qty.	Description Of Part
	7738-5052	1	THERMAL BY-PASS VALVE ASSY (includes items 27 thru 31)
1		Ref	RESERVOIR ASSY (see page UN2-13 for details)
2	8859-1209	7	O RING
3	8662-1384	1	ADAPTER
4	8866-2244	1	SWIVEL NUT RUN TEE, 1" TUBE
5	7738-3416	1	TUBE ASSY
6	8866-2069	2	ELBOW, 90 DEGREES (includes item 2)
7	7738-3417	1	TUBE ASSY
8	8820-1023	3	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
9	7713-3137	3	COVER PLATE
10	7713-3279	3	CLAMP SET
11	7738-3228	1	TUBE ASSY
12	7738-3225	1	TUBE ASSY
13	8471-6808	1	HOSE ASSY
14	8471-6370	1	HOSE ASSY
15	8866-1121	4	MALE ELBOW, 90 DEGREES, 1x1 TUBE
16	7738-3247	2	OIL COOLER
17	8850-1004	8	HEX NUT, 1/4-20
18	8856-1002	8	FLAT WASHER, 1/4
19	7713-3045	8	SHOCK MOUNT
20	8820-1035	8	HEX HD CAPSCREW, 3/8-16x1, GR5

Item	Part No.	Qty.	Description Of Part
21	8820-1012	4	HEX HD CAPSCREW, 1/4-20x2-3/4 GR5
22	7738-6036	2	OIL COOLER MOUNT
23	8820-1011	4	HEX HD CAPSCREW, 1/4-20x2-1/2 GR5
24	8471-6208	1	HOSE ASSY
25	8471-7448	1	HOSE ASSY
26	8820-1044	2	HEX HD CAPSCREW, 3/8-16x3-1/4 GR5
27	7738-3251	1	THERMAL BY-PASS VALVE
28	8866-2089	2	ELBOW, 45 DEGREES (includes item 2)
29	8866-2110	1	SWIVEL NUT ELBOW, 90 DEGREES
30	8866-2157	1	BRANCH TEE (includes item 2)
31	8866-2124	1	SWIVEL NUT ELBOW, 45 DEGREES
32	8471-6808	1	HOSE ASSY
33	8471-6370	1	HOSE ASSY
34	8859-1509	2	O RING
35	8866-2069	1	ELBOW, 90 DEGREES (includes item 2)
36	8866-2089	1	ELBOW, 45 DEGREES (includes item 2)
37		Ref	TRANSMISSION ASSY (see page UN3-4 for details)

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UNDERCARRIAGE ASSEMBLY
Oil Coolers & Hoses
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 7-88



Item	Part No.	Qty.	Description Of Part
	7738-5052	1	THERMAL BY-PASS VALVE ASSY (includes items 27,28,31,32,33)
1		Ref	RESERVOIR ASSY (see page UN2-13 for details)
2	8859-1209	7	O RING
3	8662-1384	1	ADAPTER
4	8866-2244	1	SWIVEL NUT RUN TEE, 1" TUBE
5	7738-3416	1	TUBE ASSY
6	8866-2069	2	ELBOW, 90 DEGREES (includes item 2)
7	7738-3417	1	TUBE ASSY
8	8820-1023	3	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
9	7713-3137	3	COVER PLATE
10	7713-3279	3	CLAMP SET
11	7738-3228	1	TUBE ASSY
12	7738-3225	1	TUBE ASSY
13	8471-6308	1	HOSE ASSY
14	8471-6370	1	HOSE ASSY
15	8866-1121	4	MALE ELBOW, 90 DEGREES, 1x1 TUBE
16	7738-3247	2	OIL COOLER
17	8850-1004	8	HEX NUT, 1/4-20
18	8856-1002	8	FLAT WASHER, 1/4
19	7713-3045	8	SHOCK MOUNT
20	8820-1035	8	HEX HD CAPSCREW, 3/8-16x1, GR5

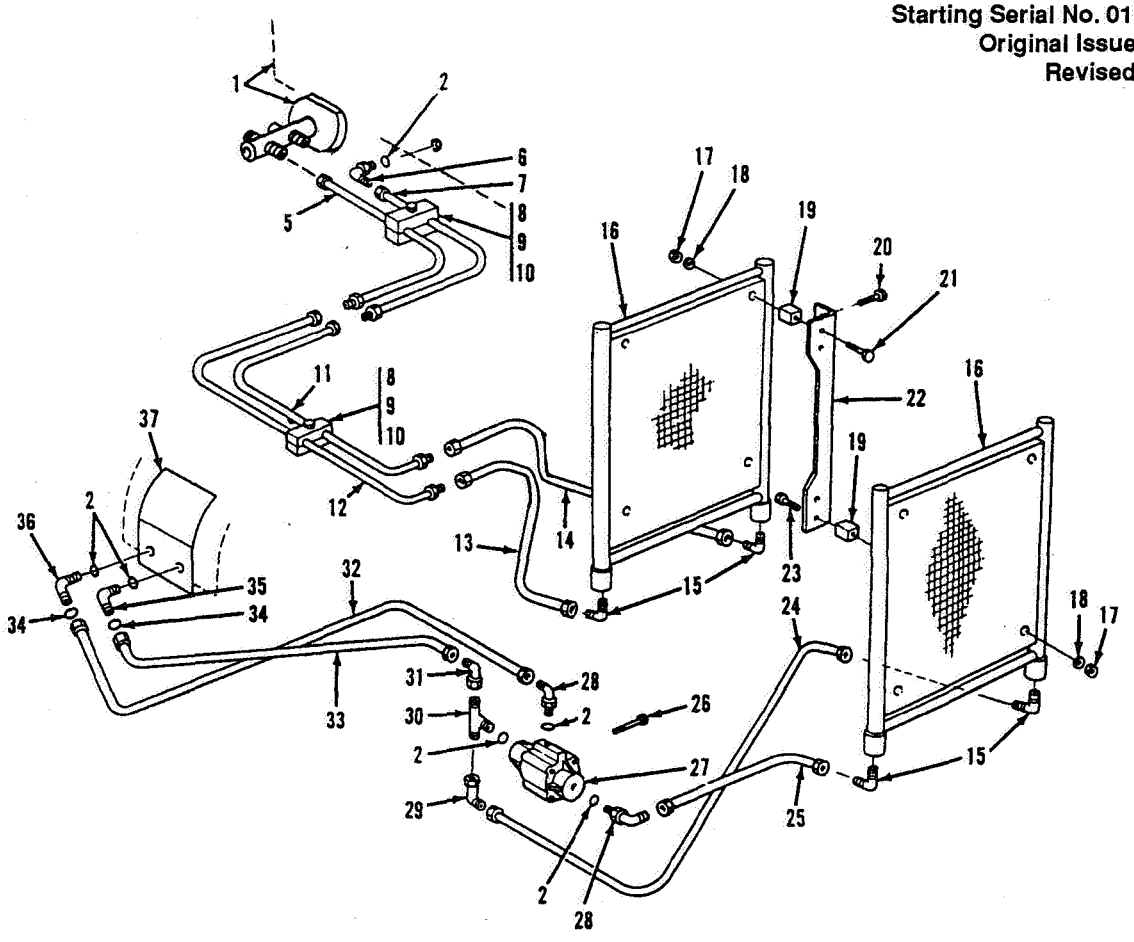
Item	Part No.	Qty.	Description Of Part
21	8820-1012	4	HEX HD CAPSCREW, 1/4-20x2-3/4 GR5
22	7738-6036	2	OIL COOLER MOUNT
23	8820-1011	4	HEX HD CAPSCREW, 1/4-20x2-1/2 GR5
24	8471-6208	1	HOSE ASSY
25	8471-7448	1	HOSE ASSY
26	8820-1044	2	HEX HD CAPSCREW, 3/8-16x3-1/4 GR5
27	7738-3251	1	THERMAL BY-PASS VALVE
28	8866-2089	2	ELBOW, 45 DEGREES (includes item 2)
29	7713-3875	1	HOSE ASSY
30	8471-6004	1	HOSE ASSY
31	8866-2124	1	SWIVEL NUT ELBOW, 45 DEGREES
32	8866-2157	1	BRANCH TEE (includes item 2)
33	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)
34		Ref	TRANSMISSION ASSY (see page UN3-36 for details)
35		Ref	TORQUE CONVERTER ASSY (see page UN3-45 for details)
36	8866-2089	1	ELBOW, 45 DEGREES (includes item 2)
37	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)

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UNDERCARRIAGE ASSEMBLY

Oil Coolers & Hoses

4x2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89
Revised 7-92

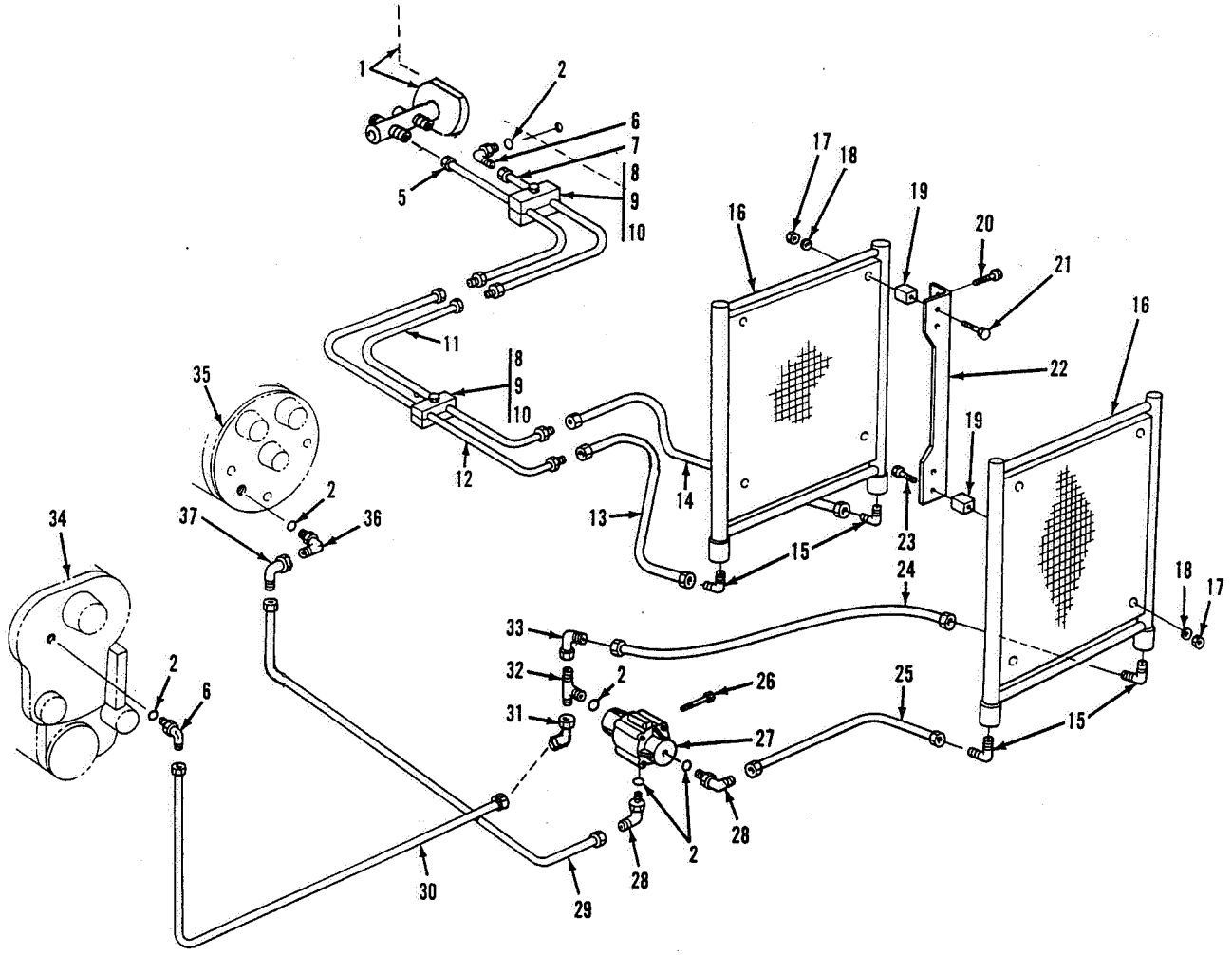


Item	Part No.	Qty.	Description Of Part
	7738-5052	1	THERMAL BY-PASS VALVE ASSY (includes items 27 thru 31)
1		Ref	RESERVOIR ASSY (see page UN2-13 for details)
2	8859-1209	6	O RING
5	7738-3523	1	TUBE ASSY
6	8866-2069	2	ELBOW, 90 DEGREES (includes item 2)
7	7738-3417	1	TUBE ASSY
8	8820-1023	3	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
9	7713-3137	3	COVER PLATE
10	7713-3279	3	CLAMP SET
11	7738-3228	1	TUBE ASSY
12	7738-3225	1	TUBE ASSY
13	8471-6808	1	HOSE ASSY
14	8471-6370	1	HOSE ASSY
15	8866-1121	4	MALE ELBOW, 90 DEGREES, 1x1 TUBE
16	7738-3247	2	OIL COOLER
17	8850-1004	8	HEX NUT, 1/4-20
18	8856-1002	8	FLAT WASHER, 1/4
19	7713-3045	8	SHOCK MOUNT
20	8820-1035	8	HEX HD CAPSCREW, 3/8-16x1, GR5

Item	Part No.	Qty.	Description Of Part
21	8820-1012	4	HEX HD CAPSCREW, 1/4-20x2-3/4 GR5
22	7738-6036	2	OIL COOLER MOUNT
23	8820-1011	4	HEX HD CAPSCREW, 1/4-20x2-1/2 GR5
24	8471-6208	1	HOSE ASSY
25	8471-7448	1	HOSE ASSY
26	8820-1044	2	HEX HD CAPSCREW, 3/8-16x3-1/4 GR5
27	7738-3251	1	THERMAL BY-PASS VALVE
28	8866-2089	2	ELBOW, 45 DEGREES (includes item 2)
29	8866-2110	1	SWIVEL NUT ELBOW, 90 DEGREES
30	8866-2157	1	BRANCH TEE (includes item 2)
31	8866-2124	1	SWIVEL NUT ELBOW, 45 DEGREES
32	8471-6808	1	HOSE ASSY
33	8471-6370	1	HOSE ASSY
34	8859-1509	2	O RING
35	8866-2069	1	ELBOW, 90 DEGREES (includes item 2)
36	8866-2089	1	ELBOW, 45 DEGREES (includes item 2)
37		1	TRANSMISSION ASSY (see page UN3-4 for details)

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UNDERCARRIAGE ASSEMBLY
Oil Coolers & Hoses
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89

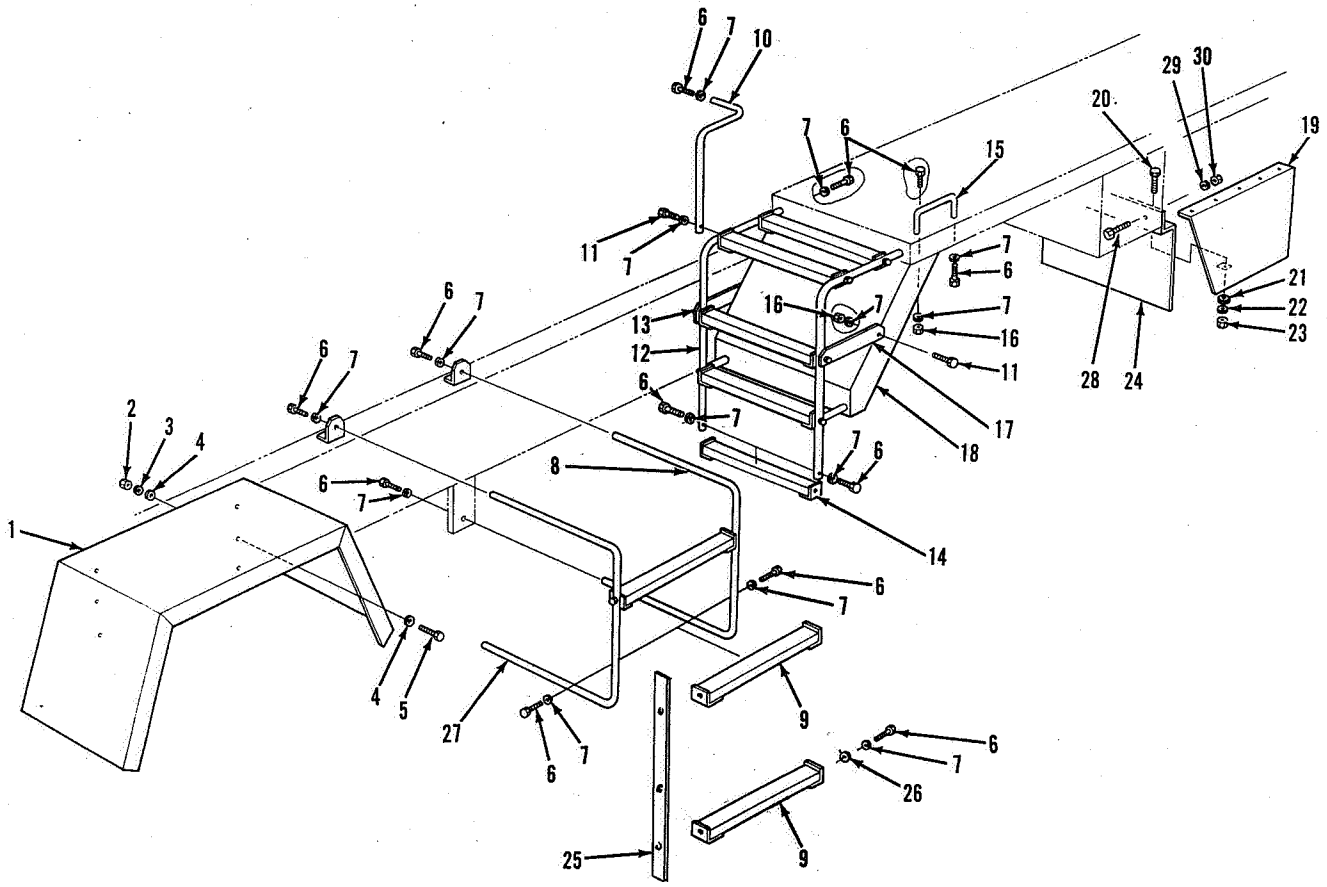


Item	Part No.	Qty.	Description Of Part
	7738-5052	1	THERMAL BY-PASS VALVE ASSY (includes items 27,28,31,32,33)
1	7736-5033	1	RESERVOIR ASSY (see page UN2-13 for details)
2	8859-1209	6	O RING
5	7738-3523	1	TUBE ASSY
6	8866-2069	2	ELBOW, 90 DEGREES (includes item 2)
7	7738-3417	1	TUBE ASSY
8	8820-1023	3	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
9	7713-3137	3	COVER PLATE
10	7713-3279	3	CLAMP SET
11	7738-3228	1	TUBE ASSY
12	7738-3225	1	TUBE ASSY
13	8471-6308	1	HOSE ASSY
14	8471-6370	1	HOSE ASSY
15	8866-1121	4	MALE ELBOW, 90 DEGREES, 1x1 TUBE
16	7738-3247	2	OIL COOLER
17	8850-1004	8	HEX NUT, 1/4-20
18	8856-1002	8	FLAT WASHER, 1/4
19	7713-3045	8	SHOCK MOUNT
20	8820-1035	8	HEX HD CAPSCREW, 3/8-16x1, GR5

Item	Part No.	Qty.	Description Of Part
21	8820-1012	4	HEX HD CAPSCREW, 1/4-20x2-3/4 GR5
22	7738-6036	2	OIL COOLER MOUNT
23	8820-1011	4	HEX HD CAPSCREW, 1/4-20x2-1/2 GR5
24	8471-6208	1	HOSE ASSY
25	8471-7448	1	HOSE ASSY
26	8820-1044	2	HEX HD CAPSCREW, 3/8-16x3-1/4 GR5
27	7738-3251	1	THERMAL BY-PASS VALVE
28	8866-2089	2	ELBOW, 45 DEGREES (includes item 2)
29	7713-3875	1	HOSE ASSY
30	8471-6004	1	HOSE ASSY
31	8866-2124	1	SWIVEL NUT ELBOW, 45 DEGREES
32	8866-2157	1	BRANCH TEE (includes item 2)
33	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)
34	7738-3162	Ref	TRANSMISSION ASSY (see page UN3-36 for details)
35	7738-3163	Ref	TORQUE CONVERTER ASSY (see page UN3-45 for details)
36	8866-2089	1	ELBOW, 45 DEGREES (includes item 2)
37	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)

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UNDERCARRIAGE ASSEMBLY
R. H. Fenders
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-87



Item	Part No.	Qty.	Description Of Part
1	7738-6003	1	REAR FENDER, R.H.
2	8850-1007	6	HEX NUT, 7/16-14
3	8855-1012	6	LOCK WASHER, 7/16
4	8856-1005	12	FLAT WASHER, 7/16
5	8820-1052	6	HEX HD CAPSCREW, 7/16-14x1-1/2 GR 5
6	8820-1067	27	HEX HD CAPSCREW, 1/2-13x1-1/2 GR 5
7	8855-1013	31	LOCK WASHER, 1/2
8	7738-3152	1	STEP RAIL
9	8698-1079	2	RUNG (4x2 Undercarriage)
	8698-1079	3	RUNG (4x4 Undercarriage)
10	7738-3189	1	GRAB RAIL
11	8820-1069	3	HEX HD CAPSCREW, 1/2-13x2, GR 5
12	7738-3188	2	STEP RAIL
13	7738-1268	1	BRACE
14	8698-1079	5	RUNG

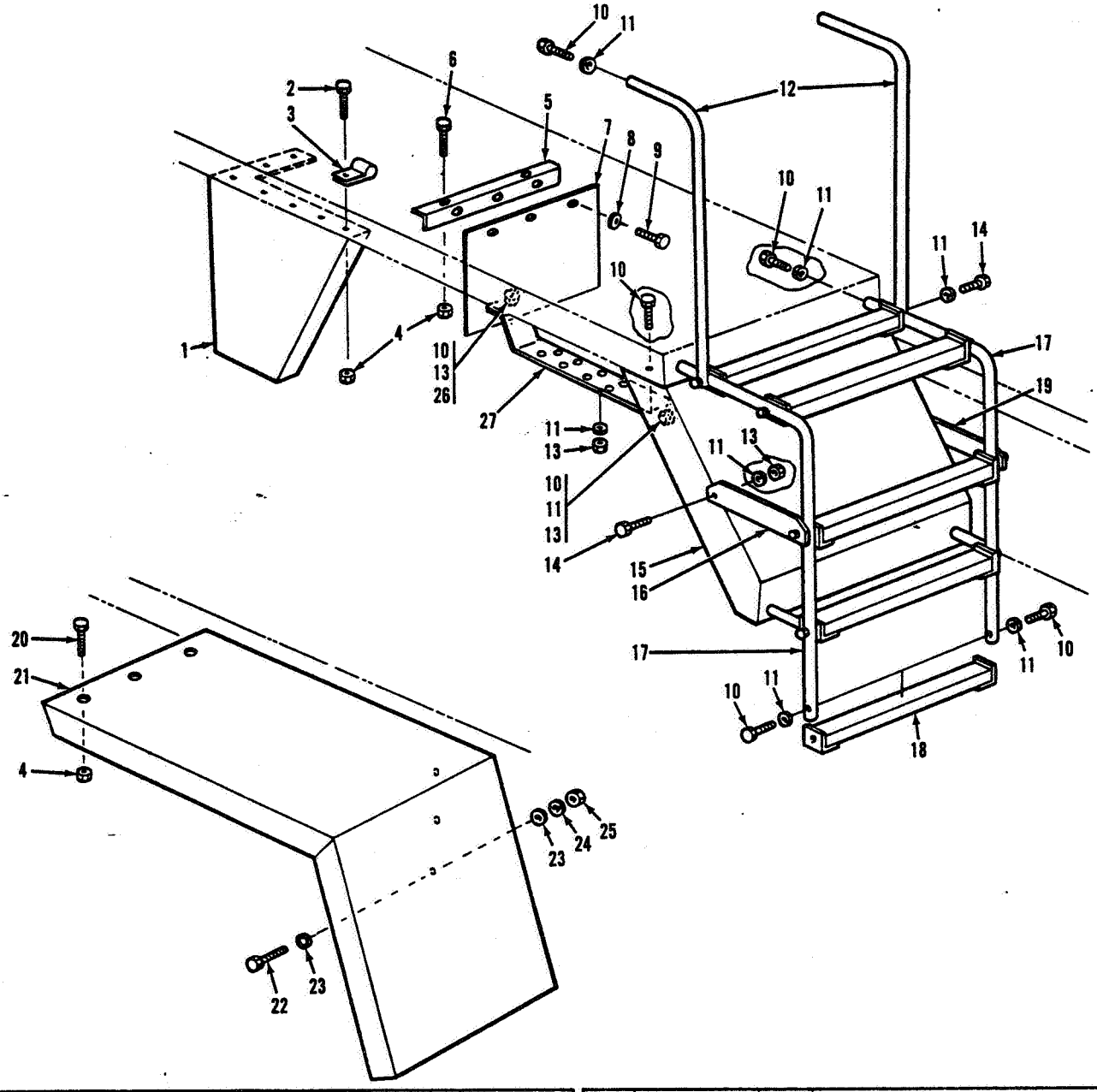
Item	Part No.	Qty.	Description Of Part
15	8688-1010	1	GRAB RAIL
16	8850-1008	6	HEX NUT, 1/2-13
17	7738-1267	1	BRACE
18	7738-6026	1	FRONT FENDER, R.H.
19	7738-1105	1	FENDER SKIRT, R.H.
20	8820-1020	6	HEX HD CAPSCREW, 5/16-18x1, GR 5
21	8856-1003	6	FLAT WASHER, 5/16
22	8855-1010	6	LOCK WASHER, 5/16
23	8850-1618	6	HEX NUT, 5/16-18
24	7738-1307	1	PARTITION
25	7738-1389	2	STEP BAR (4x4 Undercarriage)
26	8856-1111	4	FLAT WASHER, 1/2 (4x4 Undercarriage)
27	7738-3257	1	STEP RAIL
28	8820-1035	3	HEX HD CAPSCREW, 3/8-16x1, GR 5
29	8855-1011	3	LOCK WASHER, 3/8
30	8850-1006	3	HEX NUT, 3/8-16

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UNDERCARRIAGE ASSEMBLY

L. H. Fenders

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8. 2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

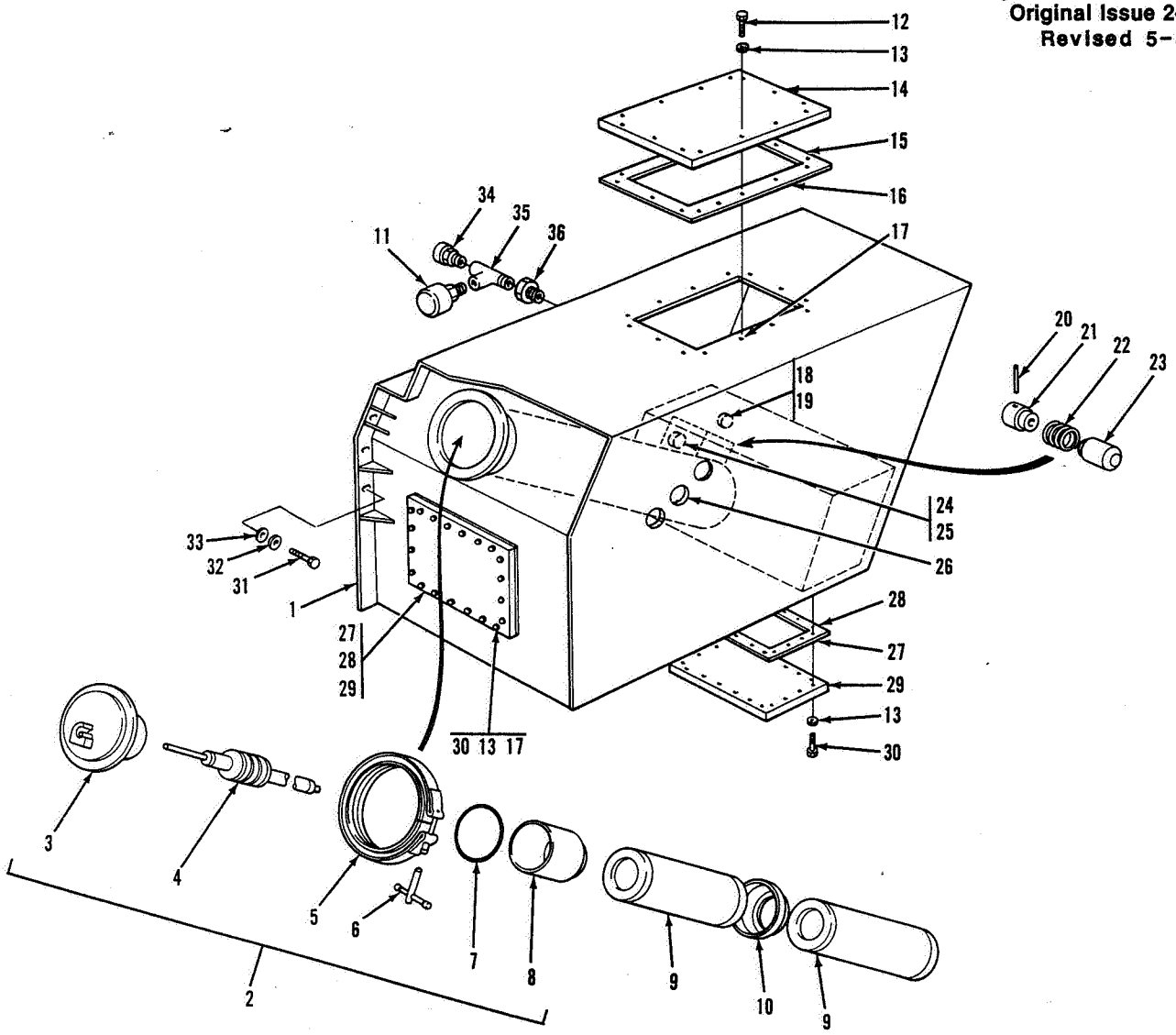


Item	Part No.	Qty.	Description Of Part
1	7738-1104	1	FENDER SKIRT, L.H.
2	7714-3003	8	HEX LOCKSCREW
3	2443-1386	1	CLAMP
4	7714-3006	9	HEX LOCKNUT
5	7738-6061	1	ANGLE WELDMENT
6	8841-1036	2	ROUND HD CARRIAGE BOLT, 5/16-18X3/4
7	7738-3246	1	RUBBER FLAP
8	8856-1108	3	FLAT WASHER, 5/16
9	8820-1018	3	HEX HD CAPSCREW, 5/16-18X3/4, GR5
10	8820-1067	14	HEX HD CAPSCREW, 1/2-13X1-1/2 GR 5
11	8855-1013	18	LOCK WASHER, 1/2
12	7738-3190	2	GRAB RAIL
13	8850-1008	6	HEX NUT, 1/2-13

Item	Part No.	Qty.	Description Of Part
14	8820-1069	4	HEX HD CAPSCREW, 1/2-13X2, GR 5
15	7738-6027	1	FRONT FENDER, L.H.
16	7738-1268	1	BRACE
17	7738-3188	2	STEP RAIL
18	8698-1079	5	RUNG
19	7738-1267	1	BRACE
20	7714-3009	3	HEX LOCKSCREW
21	7738-6004	1	REAR FENDER, L.H.
22	8820-1052	3	HEX HD CAPSCREW, 7/16-14X1-1/2 GR 5
23	8856-1005	6	FLAT WASHER, 7/16
24	8855-1012	3	LOCK WASHER, 7/16
25	8850-1007	3	HEX NUT, 7/16-14
26	8856-1006	1	FLAT WASHER, 1/2
27	7738-1367	1	CAB STEP

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UNDERCARRIAGE ASSEMBLY
Hydraulic Oil Reservoir & Filter
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-88



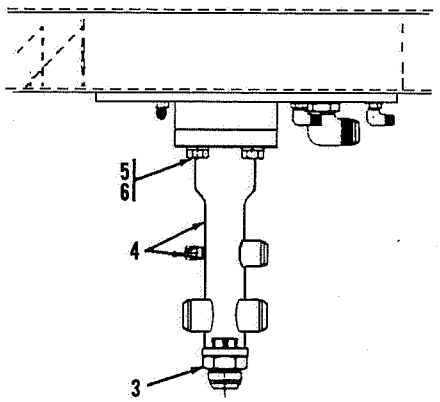
Item	Part No.	Qty.	Description Of Part
	7736-5009	1	HYDRAULIC OIL RESERVOIR ASSY (includes all items except items 9,10,18,19,24,25,31,32,33)
1	7736-6008	1	RESERVOIR WELDMENT
2	7736-3036	1	FILTER ASSY (includes items 3 thru 8)
3	7736-4140	1	COVER ASSY (includes item 4)
4	7736-4141	1	MAGNET ASSY
5	7736-4142	1	COVER CLAMP
6	7736-4143	1	T HANDLE ASSY
7	7736-4144	1	O RING
8	7736-3044	1	UPPER ELEMENT SUPPORT ASSY
9	7736-3045	1	DOUBLE ELEMENT W/CONNECTOR (includes item 10)
10	7736-3048	1	CONNECTOR
11	8367-3030	1	PRESSURIZED BREATHER
12	8820-1005	14	HEX HD CAPSCREW, 1/4-20x1, GR5
13	8855-1009	54	LOCK WASHER, 1/4
14	7736-1069	1	TOP COVER
15	7736-3040	2	GASKET (short)
16	7736-3039	2	GASKET (long)
17	2492-1134	54	RIVNUT

Item	Part No.	Qty.	Description Of Part
18	8866-2177	1	HEX HD PLUG (includes item 19)
19	8859-1207	1	O RING
20	8863-1524	1	ROLL PIN, 5/16x3
21	8667-1284	1	RETAINING RING
22	8504-1523	1	COMPRESSION SPRING
23	8370-1041	1	CHECK PLUNGER
24	8866-2174	1	HEX HD PLUG (includes item 25)
25	8859-1204	1	O RING
26	8697-1094	3	SIGHT GLASS
27	7736-3058	4	GASKET (short)
28	7736-3059	4	GASKET (long)
29	7736-1070	2	COVER
30	8820-1006	40	HEX HD CAPSCREW, 1/4-20x1-1/4 GR5
31	8820-1096	6	HEX HD CAPSCREW, 5/8-11x1-3/4 GR5
32	8855-1015	6	LOCK WASHER, 5/8
33	8856-1008	6	FLAT WASHER, 5/8
34	7713-5040	1	RELIEF VALVE ASSY
35	8871-1143	1	STREET TEE, 3/4
36	8871-1386	1	REDUCING BUSHING, 3/4x1/2

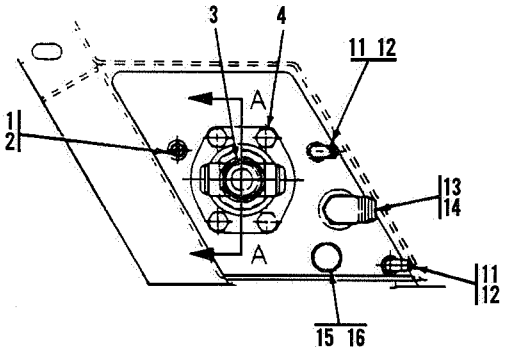
https://truckmanualshub.com/

UNDERCARRIAGE ASSEMBLY
Hydraulic Oil Reservoir & Filter

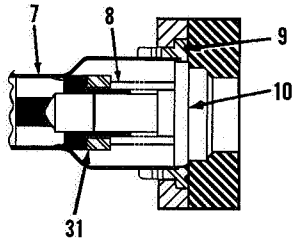
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89
Revised 10-21-94



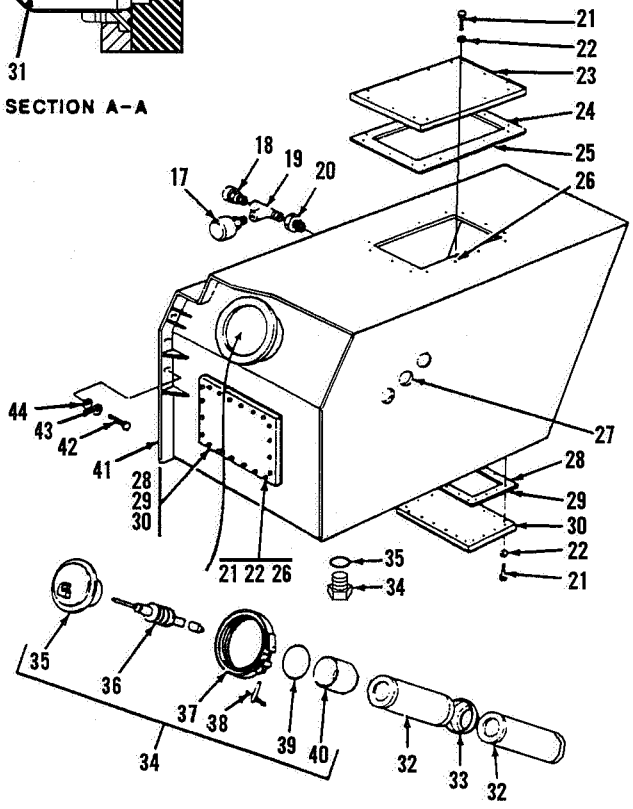
TOP VIEW OF TUBE ASSEMBLY



REAR VIEW OF RESERVOIR



SECTION A-A

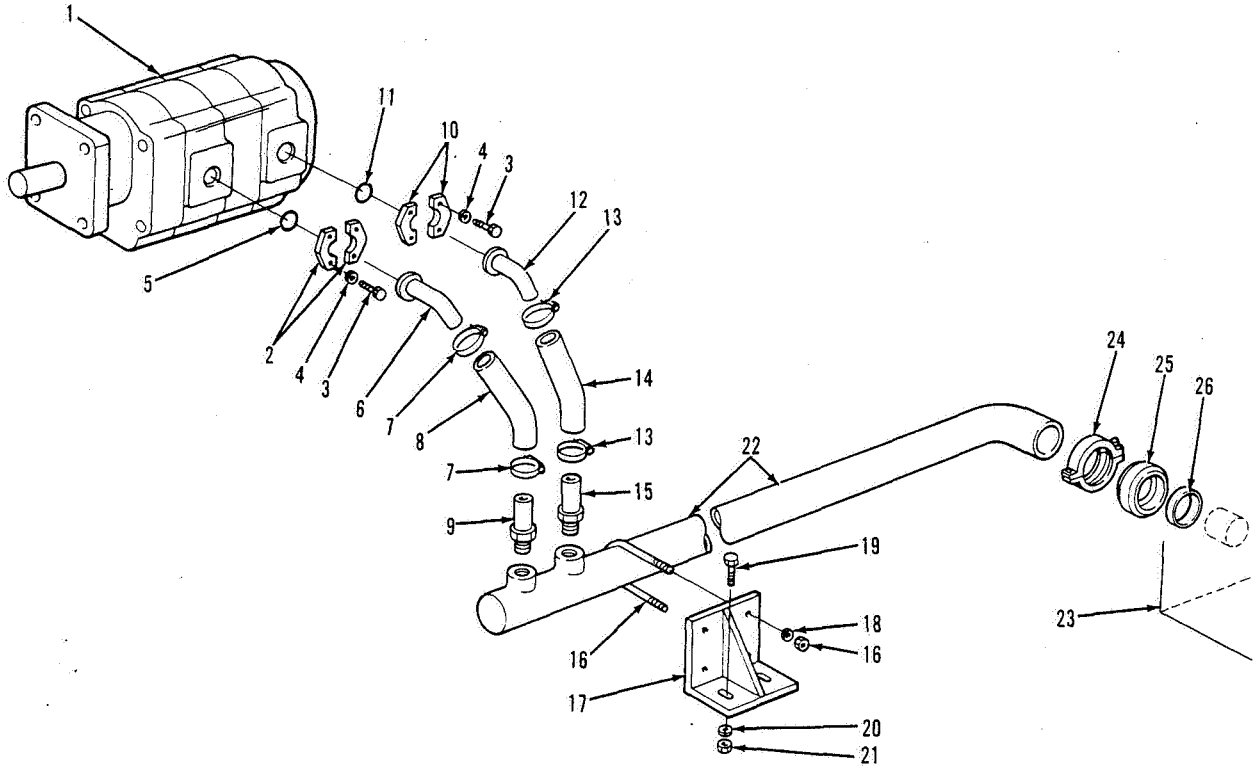


Item	Part No.	Qty.	Description Of Part
1	8866-2005	1	CONNECTOR, (includes item 2)
2	8859-1204	1	O-RING
3	8346-1123	1	TUBE FITTING
4	7736-3214	1	TUBE ASSY, (includes cap nut)
5	8820-1097	4	HEX HD CAPSCREW, 5/8-11X2, GR5
6	8855-1015	4	LOCKWASHER, 5/8
7	8367-1548	1	PLUNGER
8	8367-3084	1	SPRING
9	8859-1115	1	O-RING
10	8367-6118	1	PLUNGER RETAINER
11	8866-2064	2	ELBOW, 90 DEGREES, (includes item 12)
12	8859-1204	2	O-RING
13	8866-2069	1	ELBOW, 90 DEGREES, (includes item 14)
14	8859-1209	1	O-RING
15	8866-2177	1	HEX HD PLUG, (includes item 16)
16	8850-1207	1	O-RING
17	8367-3030	1	PRESSURIZED BREATHER
18	7713-5040	1	RELIEF VALVE
19	8871-1143	1	STREET VALVE
20	8871-1386	1	REDUCING BUSHING, 3/4X1/2
21	8820-1005	54	HEX HD CAPSCREW, 1/4-20X1, GR5
22	8855-1009	54	LOCKWASHER, 1/4
23	7736-1069	1	TOP COVER
24	7736-3040	2	GASKET, (short)
25	7736-3039	2	GASKET, (long)
26	2492-1134	54	RIVNUT

Item	Part No.	Qty.	Description Of Part
27	8697-1094	3	SIGHT GLASS
28	7736-3059	4	GASKET, (long)
29	7736-3058	4	GASKET, (short)
30	7736-1070	2	COVER
31	8871-1254	1	SQUARE HD PIPE PLUG, 3/4
32	7736-3045	1	DOUBLE ELEMENT, W/CONNECTOR, (includes item 33)
33	7736-3048	1	CONNECTOR
34	7736-3036	1	FILTER ASSY, (includes items 35 thru 40)
35	7736-4140	1	COVER ASSY, (includes item 36)
36	7736-4141	1	MAGNET ASSY
37	7736-4142	1	COVER CLAMP
38	7736-4143	1	T HANDLE ASSY
39	7736-4144	1	O-RING
40	7736-3044	1	UPPER ELEMENT SUPPORT ASSY
41	7736-5033	1	RESERVOIR WELDMENT
42	8820-1096	6	HEX HD CAPSCREW, 5/8-11X1-3/4, GR5
43	8855-1015	6	LOCK WASHER, 5/8
44	8856-1008	6	FLAT WASHER, 5/8

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UNDERCARRIAGE ASSEMBLY
Hydraulic Oil Reservoir Supply Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85

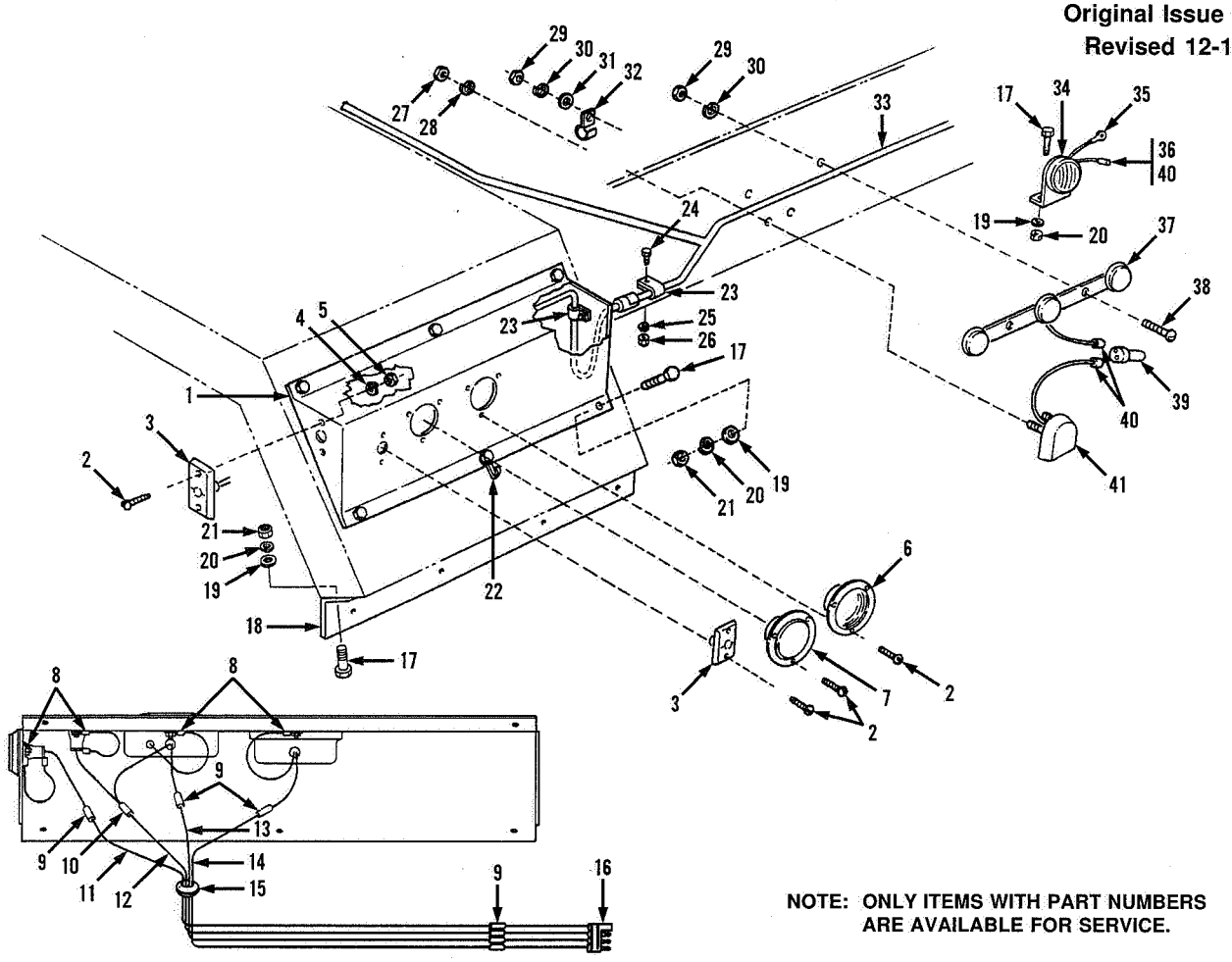


Item	Part No.	Qty.	Description Of Part
1		Ref	MAIN HYDRAULIC PUMP ASSY (see page UN 3-21 for details)
2	8471-1427	2	FLANGE HALF
3	8820-1067	8	HEX HD CAPSCREW, 1/2-13X1-1/2 GR 5
4	8855-1013	8	LOCKWASHER, 1/2
5	7736-3038	1	SQUARE RING SEAL
6	7736-3062	1	HOSE FITTING
7	7736-3064	2	HOSE CLAMP
8	7736-3065	1	SUCTION HOSE
9	7736-3063	1	HOSE FITTING
10	8471-1342	2	FLANGE HALF
11	7736-3037	1	SQUARE RING SEAL
12	7713-3156	1	HOSE FITTING
13	7713-3157	2	HOSE CLAMP

Item	Part No.	Qty.	Description Of Part
14	7713-3128	1	SUCTION HOSE
15	7713-3160	1	HOSE FITTING
16	8667-1583	2	CLAMP
17	7738-6051	2	FEED TUBE SUPPORT
18	8856-1004	4	FLAT WASHER, 3/8
19	8820-1037	4	HEX HD CAPSCREW, 3/8-16X1-1/2 GR 5
20	8856-1004	4	FLAT WASHER, 3/8
21	8850-1006	4	HEX NUT, 3/8-16
22	7736-3061	1	PUMP FEED TUBE
23		Ref	RESERVOIR ASSY (see page UN 2-13 for details)
24	7736-3057	1	TUBE JOINT COUPLING
25	7736-3056	1	TUBE JOINT GASKET
26	7736-3055	1	GASKET RETAINER

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UNDERCARRIAGE ASSEMBLY
Tail & Stop Lights
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 4-88
Revised 12-18-98



NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

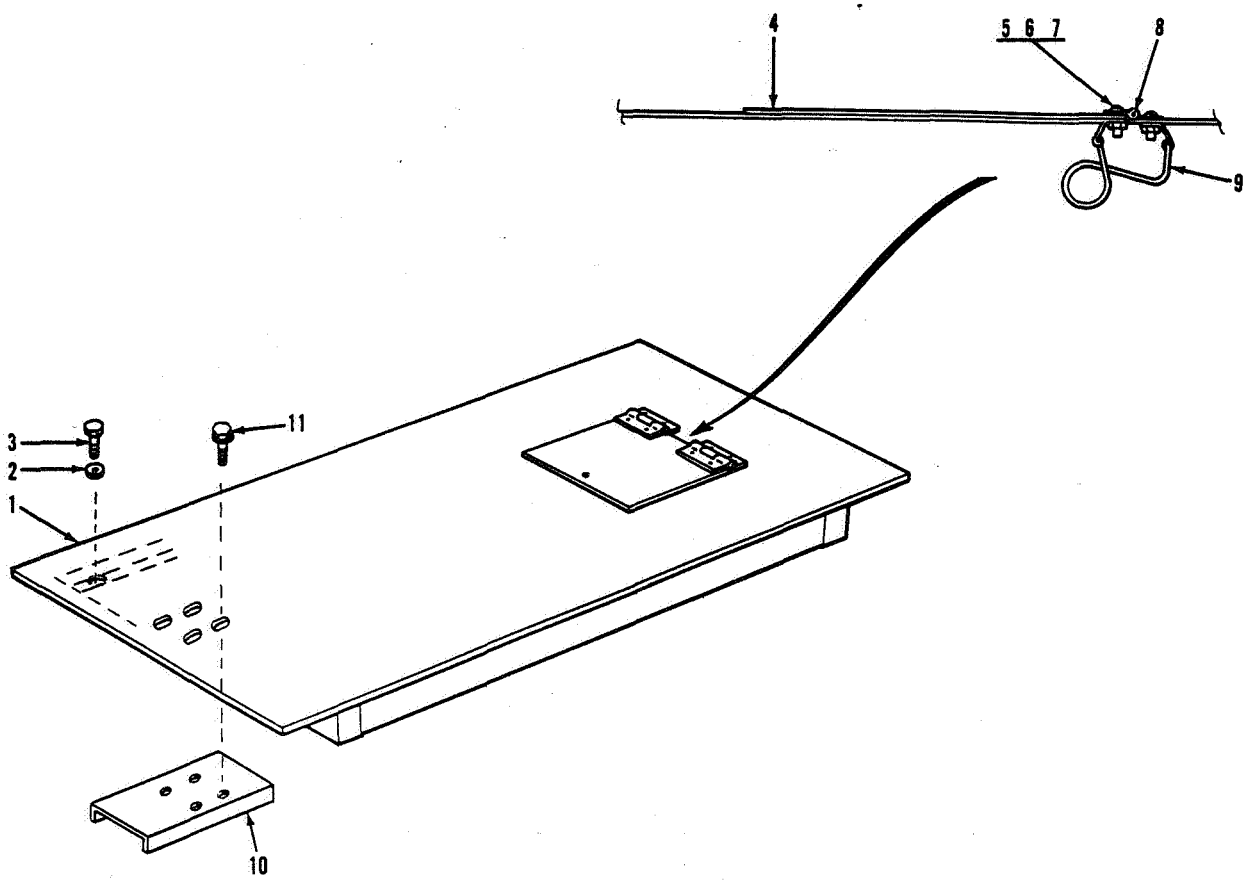
Item	Part No.	Qty.	Description Of Part
	7722-5001	1	TAIL LIGHT HOUSING ASSY, L.H., (includes all items 1 thru 16)
	7722-5002	1	TAIL LIGHT HOUSING ASSY, R.H., (includes all items 1 thru 16)
1		1	TAIL LIGHT HOUSING, L.H.
		1	TAIL LIGHT HOUSING, R.H.
2	8820-1042	10	SELF TAPPING SCREW, #10-32X7/8
3	8668-3449	2	CLEARANCE LIGHT ASSY, RED
4	8855-1007	10	LOCKWASHER, #10
5	8850-1613	10	HEX NUT, #10-32
6	8668-3448	1	BACK UP LIGHT ASSY
7	8668-3447	1	STOP, TAIL & TURN SIGNAL LIGHT ASSY
8	8698-3188	4	RING TERMINAL, #10
9	8668-3480	7	CONNECTOR
10	8668-3078	1	CONNECTOR
11		1	WIRE, 16 GA, 38" LONG, WHITE
12		1	WIRE, 16 GA, 38" LONG, RED
13		1	WIRE, 16 GA, 38" LONG, GREEN
14		1	WIRE, 16 GA, 38" LONG, BROWN
15	8688-1272	1	GROMMET
16	8348-1284	1	FOUR-WAY CONNECTOR
17	8820-1020	22	HEX HD CAPSCREW, 5/16-18X1, GR5
18	7738-1394	2	MOUNTING BAR, (4X2 Undercarriage)
	7738-1357	2	MOUNTING BAR, (4X4 Undercarriage)

Item	Part No.	Qty.	Description Of Part
19	8856-1108	20	FLAT WASHER
20	8855-1010	22	LOCKWASHER, 5/16
21	8850-1105	22	HEX NUT, 5/16-18
22	8348-3597	2	CLOSE LINK
23	2460-1710	6	SUPPORT CLAMP
24	8820-1052	2	HEX HD CAPSCREW, 7/16-14X1-1/2, GR5
25	8855-1012	2	LOCKWASHER, 7/16
26	8850-1007	2	HEX NUT, 7/16-14
27	8850-1613	2	HEX NUT, #10-32
28	8855-1007	2	LOCKWASHER, #10
*29	8850-1608	4	HEX NUT, #6-32
*30	8855-1005	2	LOCKWASHER, #6
*31	8856-1103	2	FLAT WASHER, #6
32	8594-1016	5	SUPPORT CLAMP
33		Ref	CHASSIS WIRING HARNESS, (see page UN2-18 for details)
34	7722-3003	1	TRAVEL ALARM
35	8688-3260	1	RING TERMINAL
36	2460-1587	1	CONNECTOR
*37	7738-3922	1	IDENTIFICATION BAR LIGHT ASSY
*38	8830-1057	2	ROUND HD MACHINE SCREW, #6-32X3/4
39	2460-5189	1	THREE-WAY CONNECTOR
40	8698-3193	3	BULLET CONNECTOR
41	8688-3452	1	DISPLAY LIGHT ASSY

** - Changed part numbers on items 29, 30, 31, 37 & 38.*

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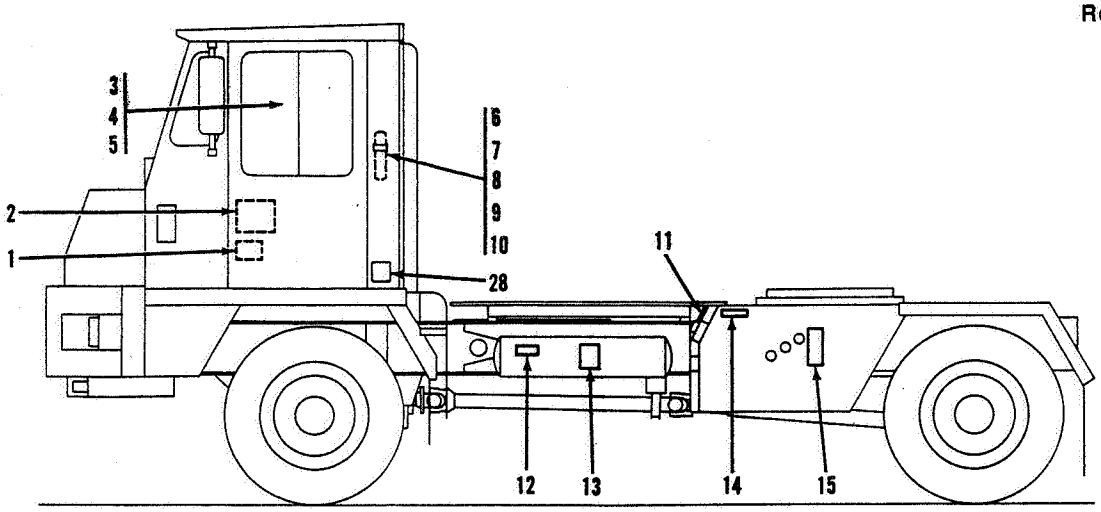
UNDERCARRIAGE ASSEMBLY
Deck Pan & Cover
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 9-87

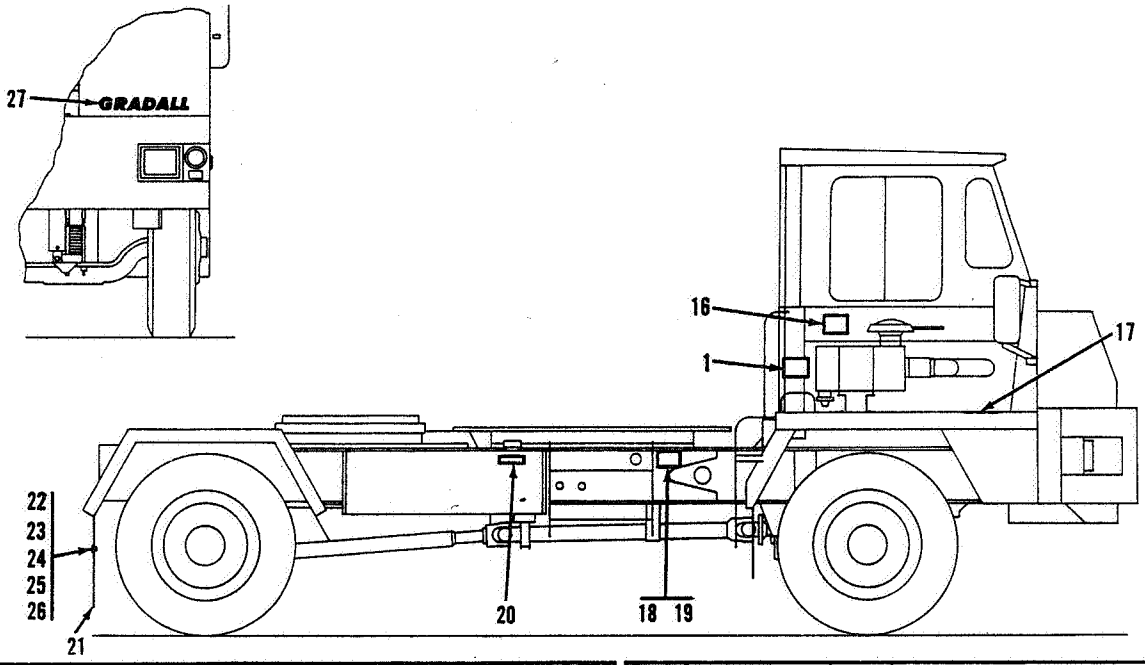


Item	Part No.	Qty.	Description Of Part
1	7738-6052	1	DECK PAN
2	8855-1015	4	LOCK WASHER, 5/8
3	8820-1093	4	HEX HD CAPSCREW, 5/8-11X1, GR 5
4	7710-1283	1	COVER
5	8830-2092	8	ROUND HD MACHINE SCREW, #10-24X 5/8
6	8855-1007	8	LOCK WASHER, #10
7	8850-1612	8	HEX NUT, #10-24
8	8507-1132	2	HINGE
9	8507-1028	1	SPRING & BRACKET
10	7738-1399	1	DRIVE SHAFT GUARD (4X4 Undercarriage)
11	7714-3003	4	HEX LOCKSCREW

https://truckmanualshub.com/

UNDERCARRIAGE ASSEMBLY
Decals
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85
Revised 2-89



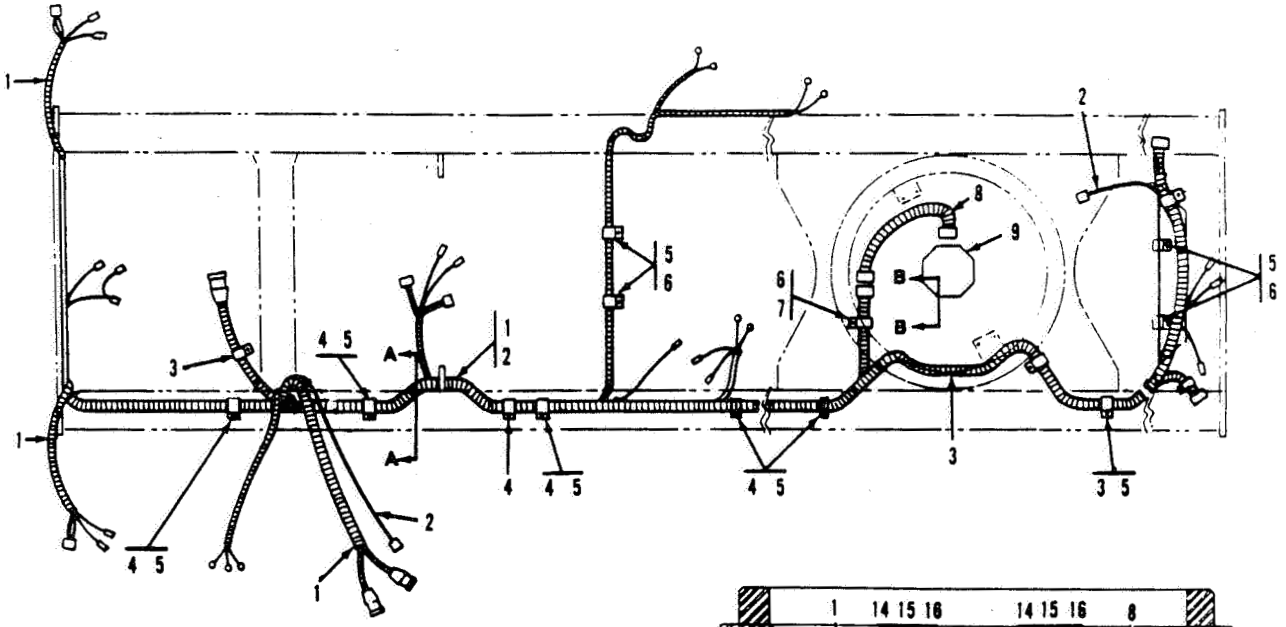


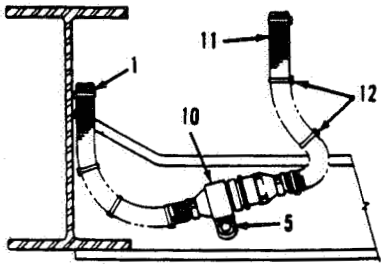
Item	Part No.	Qty.	Description Of Part
1	7702-3003	2	WARNING DECAL
2	7733-3007	1	REMOTE CONTROL DECAL
3	8688-1755	1	CAUTION STICKER (inside cab)
4	8688-1305	1	WELDING DECAL (inside cab)
5	9103-3157	1	CAUTION DECAL (use only on machines with AC/Delco starters)
6	8664-1444	1	FIRE EXTINGUISHER
7	8664-1445	1	FIRE EXTINGUISHER BRACKET
8	9002-7316	2	MACHINE SCREW
9	8850-1610	2	HEX NUT, #8-32
10	8855-1006	2	LOCK WASHER, #8
11	7700-1001	1	WARNING DECAL
12	7738-3305	1	DECAL (No step)
13	7702-3002	1	CAUTION DECAL
14	7702-3006	1	DECAL
15	8697-1197	1	RESERVOIR FILL DECAL

Item	Part No.	Qty.	Description Of Part
16	7702-3004	1	WARNING DECAL
17	7702-3007	1	INSTRUCTION STICKER (inside battery box cover)
18	7702-3029	1	SERIAL PLATE
19	8834-1012	4	DRIVE SCREW, #4X5/16
20	7702-3008	1	DECAL
21	7738-3307	4	MUD FLAP
22	8348-1009	4	BACKING BAR
23	8820-1006	16	HEX HD CAPSCREW, 1/4-20X1-1/4 GR 5
24	8850-1004	16	HEX NUT, 1/4-20
25	8855-1009	16	LOCK WASHER, 1/4
26	8856-1002	32	FLAT WASHER, 1/4
27	7733-3011	1	GRADALL DECAL (Standard)
	8364-1675	1	GRADALL DECAL (Special)
28	7733-3027	1	GRADALL U.S.A. DECAL

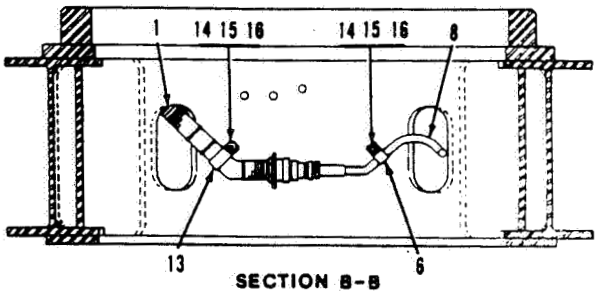
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UNDERCARRIAGE ASSEMBLY
Miscellaneous Electrical Cables
4 x 2 or 4 x 4 Undercarriage
Starting Serial No. G01D581
Original Issue 12-91
Revised 12-3-93





SECTION A-A

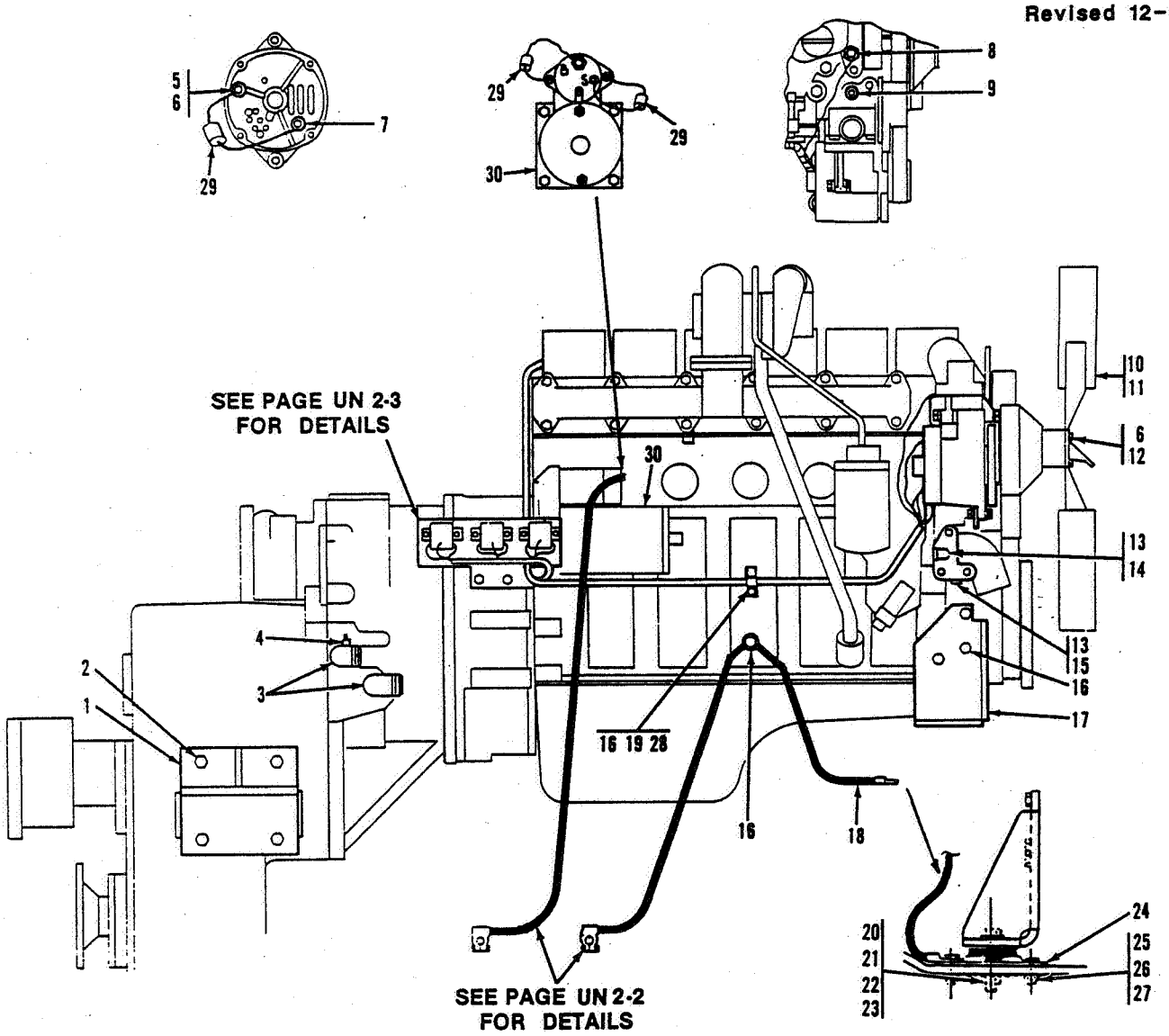


SECTION B-B

Item	Part No.	Qty.	Description Of Part
1	7738-3943	1	CHASSIS WIRING HARNESS
2	7738-3667	1	DIFFERENTIAL LOCK CABLE ASSY
3	8594-1017	3	SUPPORT CLAMP
4	2460-1710	5	SUPORT CLAMP
5	7714-3006	11	WHIZ-LOK NUT, 5/16-18
6	8594-1016	6	SUPPORT CLAMP
7	8698-3224	1	DRIVE RIVET
8		Ref	CENTER PIN BRUSH HARNESS ASSY, (see page UP4-2 for details)
9		Ref	CENTER PIN ASSY, (see page UP4-2 for details)
10	8594-1150	1	SUPPORT CLAMP
11		Ref	ENGINE WIRING HARNESS ASSY, (see page UN3-2 for details)
12	8668-3122	3	TY-RAP
13	8662-1230	1	CLAMP
14	8820-1042	2	HEX HD CAPSCREW, 3/8-16X2-3/4, GR5
15	8850-1006	4	HEX NUT, 3/8-16
16	8855-1011	4	LOCKWASHER, 3/8

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DRIVE LINE COMPONENTS
Engine Right Side View
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 12-87

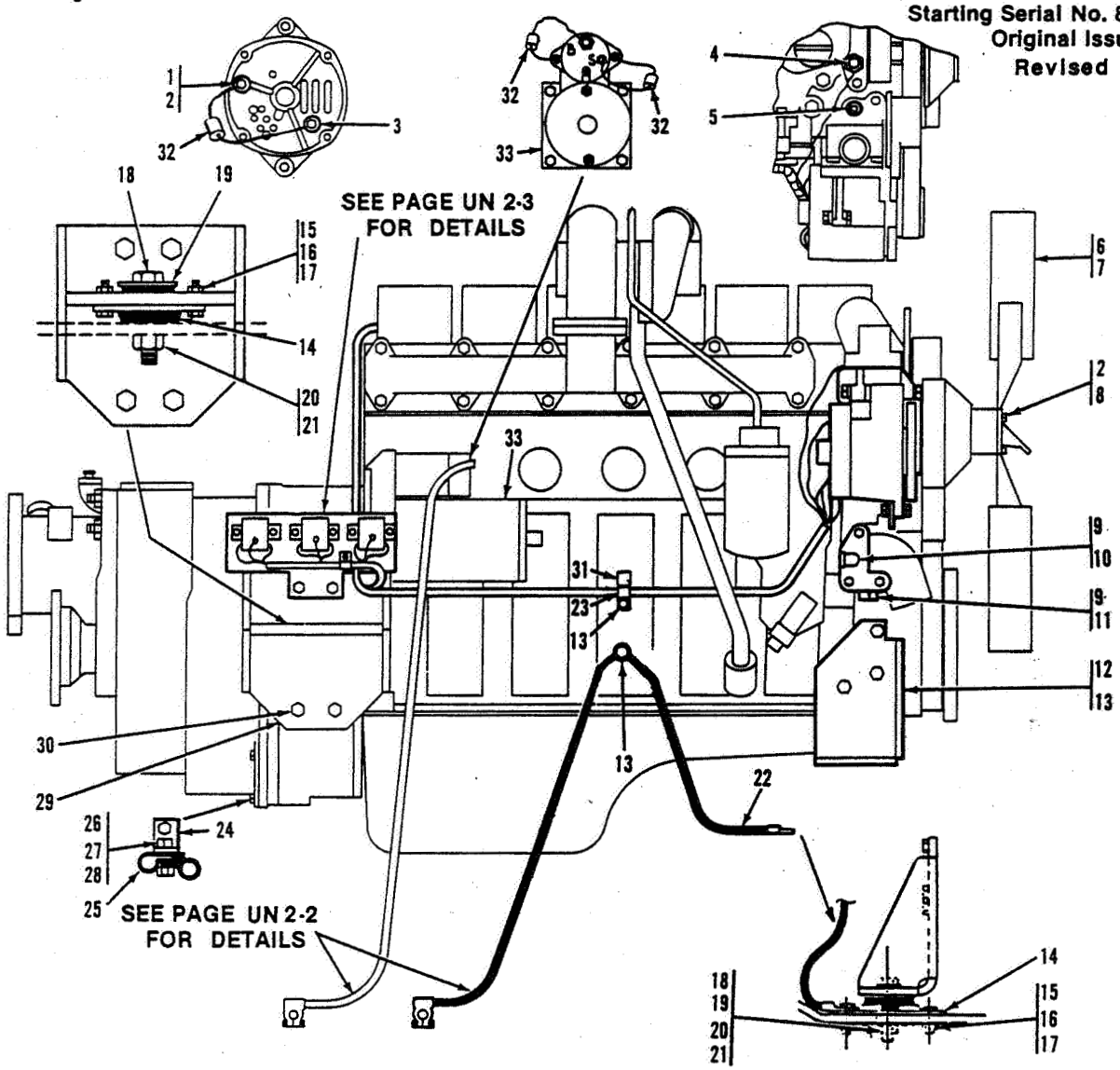


Item	Part No.	Qty.	Description Of Part
1	7738-6015	1	TRANSMISSION MOUNT
2	8820-1109	4	HEX HD CAPSCREW, 3/4-10X1-1/2 GR 5
3		Ref	ELBOW, 45 DEGREES (see page UN 2-10 for details)
4	7738-3022	1	OIL TEMPERATURE SENDER
5	8319-1007	1	HEX HD CAPSCREW
6	8319-1011	5	LOCK WASHER
7	8319-1019	1	HEX NUT
8	7721-3022	1	WATER TEMPERATURE SENDER
9	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
10	7738-3259	1	FAN SPACER
11	7738-3255	1	FAN
12	8319-1039	4	HEX HD CAPSCREW
13	8871-1383	2	REDUCING BUSHING, 1/2X3/8
14	2464-1328	1	VALVE

Item	Part No.	Qty.	Description Of Part
15	8667-1121	1	DRAIN COCK
16	8319-1004	5	HEX HD CAPSCREW
17	7738-1208	1	ENGINE MOUNT, R.H.
18	2474-1052	1	GROUND STRAP
19	2486-1170	1	CLAMP
20	8820-1104	2	HEX HD CAPSCREW, 5/8-11X3-3/4 GR 5
21	7738-1205	4	WASHER
22	8855-1015	2	LOCK WASHER, 5/8
23	8850-1010	2	HEX NUT, 5/8-11
24	7738-3069	2	CENTER BOND MOUNT
25	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4,GR5
26	8855-1011	4	LOCK WASHER, 3/8
27	8850-1006	4	HEX NUT, 3/8-16
28	8594-1018	1	CLAMP
29	7738-3206	3	DIODE
30	7738-4506	1	STARTING MOTOR

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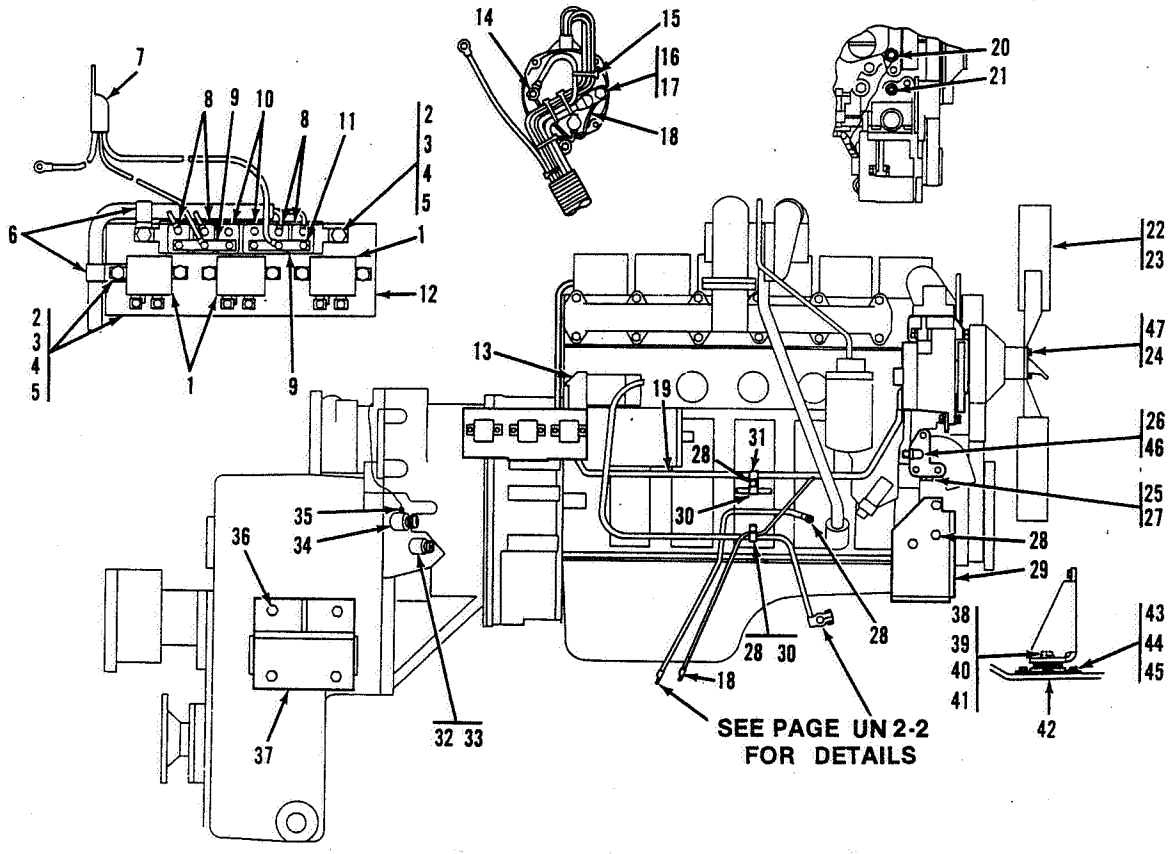
DRIVE LINE COMPONENTS
Engine Right Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 6-85
Revised 12-87



Item	Part No.	Qty.	Description Of Part
1	8319-1007	1	HEX HD CAPSCREW
2	8319-1011	5	LOCK WASHER
3	8319-1019	1	HEX NUT
4	7721-3022	1	WATER TEMPERATURE SENDER
5	8821-1283	1	HEX SOCKET PIPE PLUG, 1/2
6	7738-3255	1	FAN
7	7738-3259	1	FAN SPACER
8	8319-1039	4	HEX HD CAPSCREW
9	8871-1383	2	REDUCING BUSHING, 1/2X3/8
10	2464-1328	1	VALVE
11	8667-1121	1	DRAIN COCK
12	7738-1208	1	ENGINE MOUNT, R.H.
13	8319-1004	5	HEX HD CAPSCREW
14	7738-3069	2	CENTER BOND MOUNT
15	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
16	8855-1011	4	LOCK WASHER, 3/8
17	8850-1006	4	HEX NUT, 3/8-16
18	8820-1104	2	HEX HD CAPSCREW, 5/8-11X3-3/4 GR 5
19	7738-1205	4	WASHER
20	8855-1015	2	LOCK WASHER, 5/8
21	8850-1010	2	HEX NUT, 5/8-11
22	2474-1052	1	GROUND STRAP
23	2486-1170	1	CLAMP
24	7738-1396	1	BRACKET
25	8584-1150	2	CLAMP
26	8820-1036	1	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
27	8855-1011	1	LOCK WASHER, 3/8
28	8850-1006	1	HEX NUT, 3/8-16
29	7738-6018	1	TORQUE CONVERTER MOUNT
30	8319-1032	8	HEX HD CAPSCREW
31	8594-1018	1	CLAMP
32	7738-3206	3	DIODE
33	7738-4506	1	STARTING MOTOR

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DRIVE LINE COMPONENTS
Engine Right Side View
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 6-88
Revised 3-90

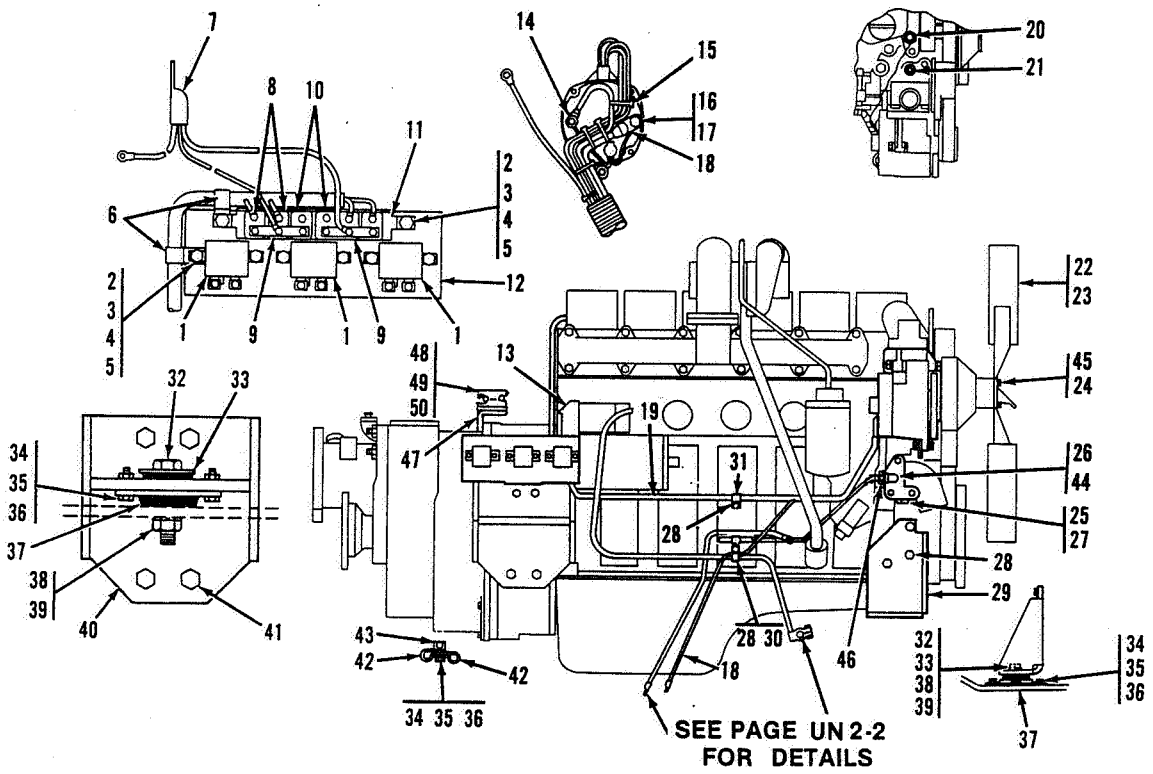


Item	Part No.	Qty.	Description Of Part
1	7738-3377	3	RELAY
2	8820-1002	8	HEX HD CAPSCREW, 1/4-20x5/8, GR5
3	8856-1002	8	FLAT WASHER, 1/4
4	8855-1009	8	LOCK WASHER, 1/4
5	8850-1004	8	HEX NUT, 1/4-20
6	8594-1016	2	CLAMP
7	7738-3491	1	POWER CABLE ASSY
8	7738-3473	4	CIRCUIT BREAKER, 40 AMP
9	8698-1178	2	BUSS BAR
10	8688-3071	2	CIRCUIT BREAKER, 10 AMP
11	8368-3029	1	CIRCUIT BREAKER BRACKET
12	7738-1531	1	MOUNTING PLATE
13	7738-4506	1	STARTING MOTOR
14	8319-1019	1	HEX NUT, M6x1
15	8668-3122	5	TIE WRAP
16	8319-1007	1	HEX HD CAPSCREW, M8x1-1/4x16
17	8319-1011	1	LOCK WASHER, M8
18	7738-3460	Ref	ALTERNATOR GROUND CABLE (see page UN2-2 for details)
19		1	SPLIT LOOM 3/4, 23" LONG
20	7721-3022	1	WATER TEMPERATURE SENDER
21	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
22	7738-3259	1	FAN SPACER
23	7738-3255	1	FAN
24	8319-1039	4	HEX HD CAPSCREW, M8x1-1/4x22

Item	Part No.	Qty.	Description Of Part
25	8871-1383	1	REDUCING BUSHING, 1/2x3/8
26	8471-2742	1	HOSE NIPPLE
27	8667-1121	1	DRAIN VALVE
28	8319-1004	6	HEX HD CAPSCREW, M12x1-3/4
29	7738-1208	1	ENGINE MOUNT
30	8594-1018	2	CLAMP
31	2486-1170	1	CLAMP
32	8866-2069	1	ELBOW, 90 DEGREES (includes item 33)
33	8859-1209	1	O RING
34	7738-1251	1	ELBOW, 90 DEGREES
35	7738-3022	1	OIL TEMPERATURE SENDER
36	8820-1109	4	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
37	7738-6015	1	TRANSMISSION MOUNT
38	8820-1104	2	HEX HD CAPSCREW, 5/8-11x3-3/4 GR5
39	7738-1205	4	WASHER
40	8855-1015	2	LOCK WASHER, 5/8
41	8850-1010	2	HEX NUT, 5/8-11
42	7738-3069	2	CENTER BOND MOUNT
43	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4, GR5
44	8855-1011	4	LOCK WASHER, 3/8
45	8850-1006	4	HEX NUT, 3/8-16
46	8871-1103	1	STREET ELBOW, 1/2
47	9002-7469	4	HARDENED WASHER

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DRIVE LINE COMPONENTS
Engine Right Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 6-88
Revised 3-90

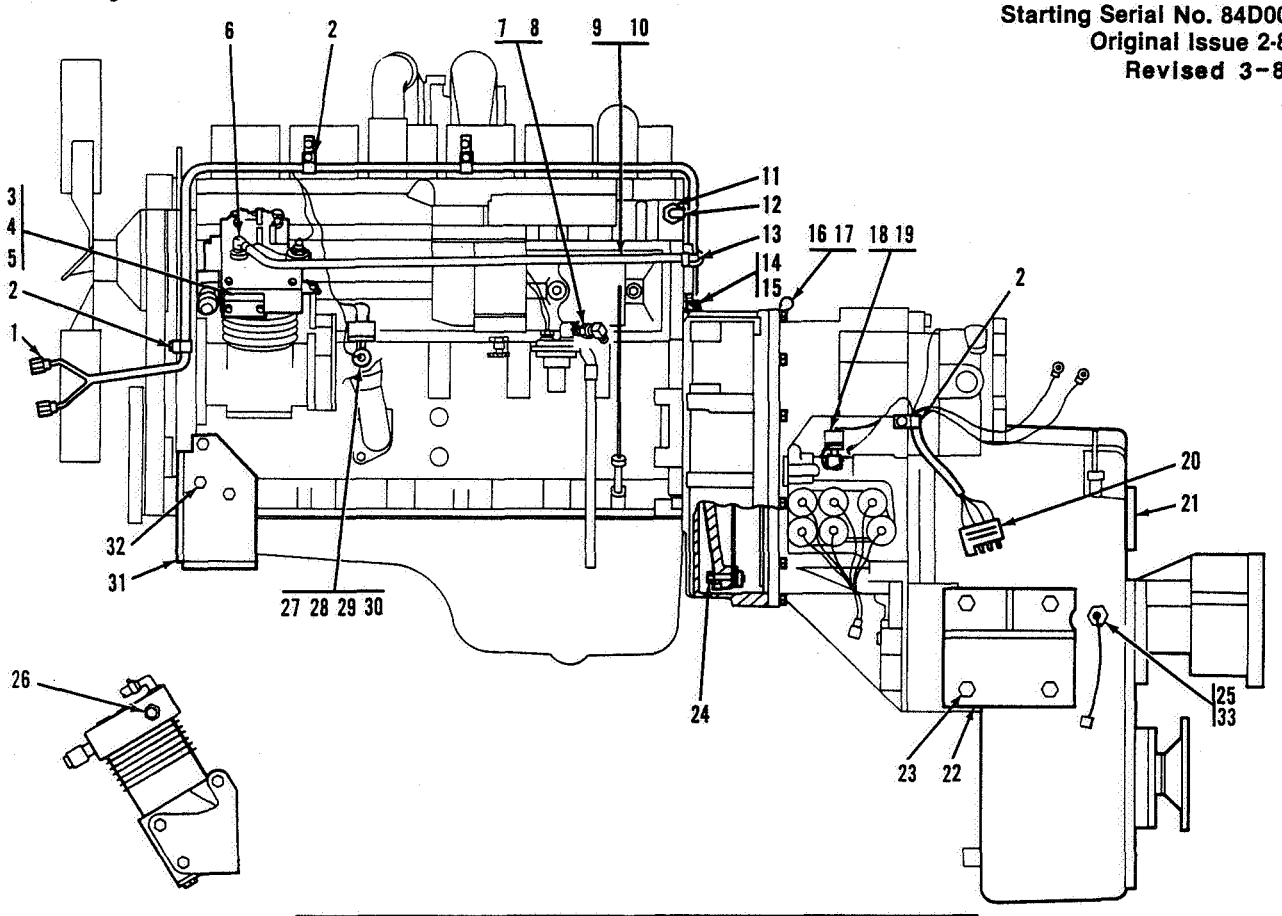


Item	Part No.	Qty.	Description Of Part
1	7738-3377	3	RELAY
2	8820-1002	8	HEX HD CAPSCREW, 1/4-20x5/8, GR5
3	8856-1002	8	FLAT WASHER, 1/4
4	8855-1009	8	LOCK WASHER, 1/4
5	8850-1004	8	HEX NUT, 1/4-20
6	8594-1016	2	CLAMP
7	7738-3491	1	POWER CABLE ASSY
8	7738-3473	4	CIRCUIT BREAKER, 40 AMP
9	8698-1178	2	BUSS BAR
10	8688-3071	2	CIRCUIT BREAKER, 10 AMP
11	8368-3029	1	CIRCUIT BREAKER BRACKET
12	7738-1531	1	MOUNTING PLATE
13	7738-4506	1	STARTING MOTOR
14	8319-1019	1	HEX NUT, M6x1
15	8668-3122	5	TIE WRAP
16	8319-1007	1	HEX HD CAPSCREW,M8x1-1/4x16
17	8319-1011	1	LOCK WASHER, M8
18	7738-3460	Ref	ALTERNATOR GROUND CABLE (see page UN2-2 for details)
19		1	SPLIT LOOM 3/4, 24" LONG
20	7721-3022	1	WATER TEMPERATURE SENDER
21	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
22	7738-3259	1	FAN SPACER

Item	Part No.	Qty.	Description Of Part
23	7738-3255	1	FAN
24	8319-1039	4	HEX HD CAPSCREW, M8X1-1/4X22
25	8871-1383	1	REDUCING BUSHING, 1/2X3/8
26	8471-2742	1	HOSE NIPPLE
27	8667-1121	1	DRAIN VALVE
28	8319-1004	6	HEX HD CAPSCREW, M12X1-3/4
29	7738-1208	1	ENGINE MOUNT
30	8594-1018	2	CLAMP
31	2486-1170	1	CLAMP
32	8820-1104	4	HEX HD CAPSCREW, 5/8-11X3-3/4, GR5
33	7738-1205	8	WASHER
34	8820-1036	9	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
35	8855-1011	9	LOCKWASHER, 3/8
36	8850-1006	9	HEX NUT, 3/8-16
37	7738-3069	4	CENTER BOND MOUNT
38	8855-1015	4	LOCKWASHER, 5/8
39	8850-1010	4	HEX NUT, 5/8-11
40	7738-6018	1	TORQUE CONVERTER MOUNT
41	8319-1032	4	HEX HD CAPSCREW, M12X1.75X36
42	8584-1150	2	CLAMP
43	7738-1396	1	BRACKET
44	8871-1103	1	STREET ELBOW, 1/2
45	9002-7469	4	HARDENED WASHER
46	8667-1187	1	HOSE CLAMP
47	7738-6089	1	CLAMP WELDMENT
48	7732-3029	2	CLAMP SET
49	7713-3390	2	SAFETY CLIP
50	7713-3306	2	STACK BOLT

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-88



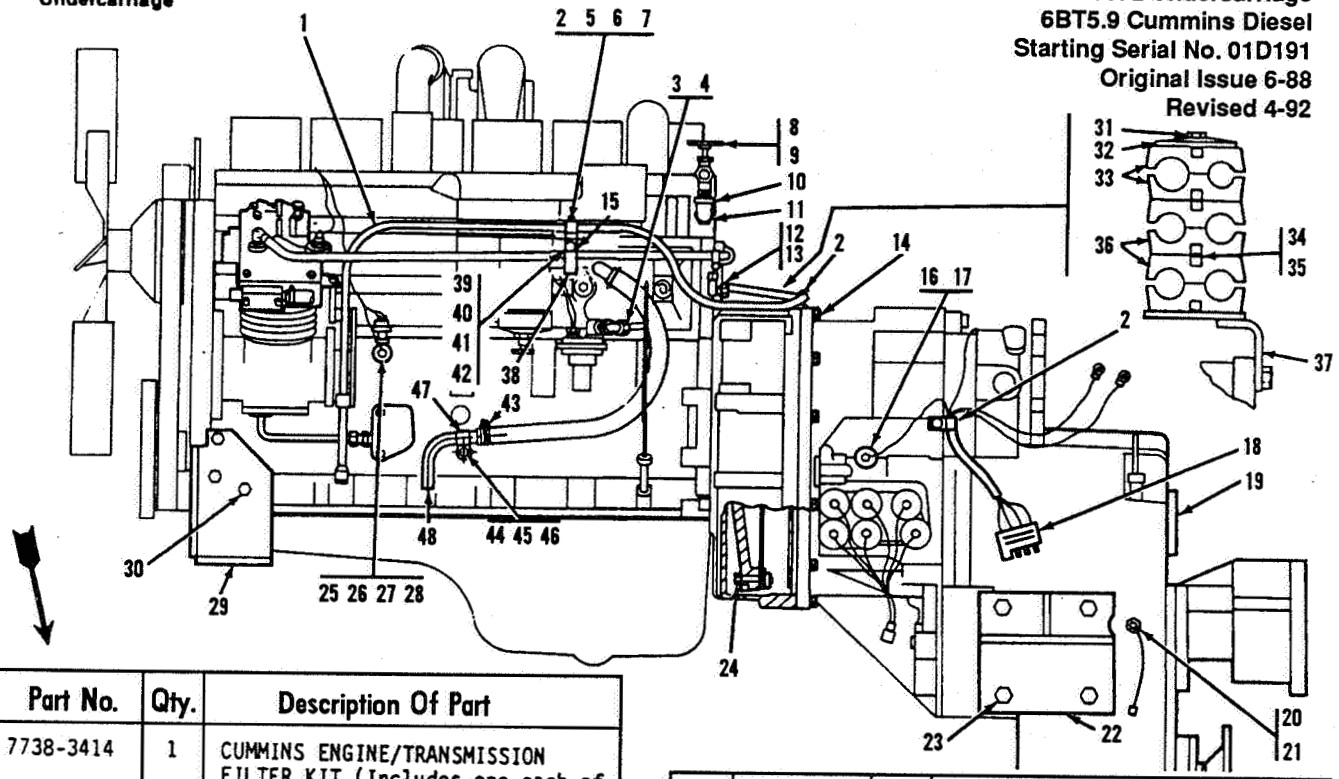
Item	Part No.	Qty.	Description Of Part
	7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (Includes one each of the following parts)
	7738-3201	1	OIL FILTER
	9020-1415	1	AIR FILTER
	8307-4447	1	PRIMARY FUEL FILTER
	7738-3303	1	SECONDARY FUEL FILTER
	9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3134	1	ENGINE WIRE HARNESS
2	2486-1170	3	CLAMP
3	7738-3274	1	INLET AIR ADAPTER
4	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4 GR 5
5	8855-1010	2	LOCK WASHER, 5/16
6	8471-2728	1	ELBOW, 90 DEGREES, 1/2 NPT TO 1/2 HOSE
7	8871-1572	1	REDUCING BUSHING, 3/8X1/4
8	8688-3052	1	ELBOW, 90 DEGREES, 3/8X1/2
9		1	HOSE, 1/2 I.D., 30" LONG
10	8668-3193	2	HOSE CLAMP
11	8471-1386	1	REDUCING BUSHING, 3/4X1/2
12	8471-2742	1	HOSE NIPPLE
13	8471-2744	1	HOSE NIPPLE, 1/2-14 PIPE
14	8866-1851	1	ELBOW, 90 DEGREES, 3/16X1/8
15	8688-3172	1	TUBE FITTING, 1/8X3/8
16	8319-1040	12	HEX HD CAPSCREW (lubricate and torque to 32-37 ft.lbs.)

Item	Part No.	Qty.	Description Of Part
17	8594-1017	1	CLAMP
18	7738-3023	1	CONVERTER OIL PRESSURE SENDER
19	8871-2011	1	ELBOW, 90 DEGREES, 1/8
20		Ref	CHASSIS WIRING HARNESS (see page UN 2-15 for details)
21		Ref	TRANSMISSION ASSY (see page UN 3-4 for details)
22	7738-6015	1	TRANSMISSION MOUNT
23	8820-1109	4	HEX HD CAPSCREW, 3/4-10X1-1/2, GR 5
24	8820-1538	8	HEX HD CAPSCREW, 3/8-24X2, GR 5
25	7738-3329	1	SEAL WASHER
26	8874-3004	1	MALE ADAPTER, 1/2 PIPE TO 5/8 TUBE
27	8668-3048	1	OIL PRESSURE SENDER
28	7738-3207	1	PRESSURE SWITCH
29	8871-2107	1	PIPE NIPPLE, 1/8
30	8871-2071	1	TEE, 1/8
31	7738-1207	1	ENGINE MOUNT, L.H.
32	8319-1004	3	HEX HD CAPSCREW
33	7738-3313	1	SPEEDOMETER SENDING UNIT

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DRIVE LINE COMPONENTS
Engine Left Side View
4 X 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 6-88
Revised 4-92



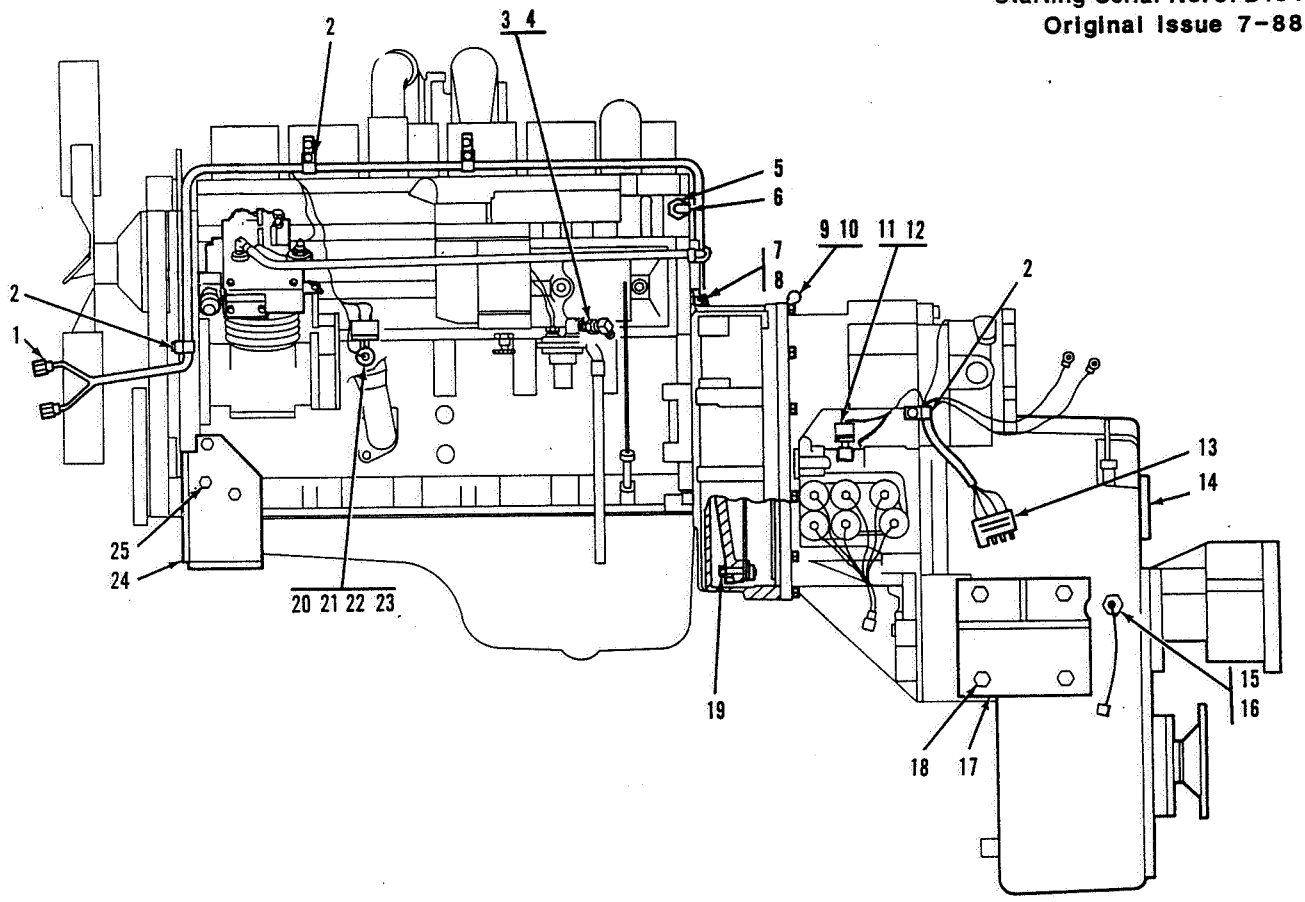
Part No.	Qty.	Description Of Part
7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (Includes one each of the following parts)
7738-3201	1	OIL FILTER
9020-1415	1	AIR FILTER
8307-4447	1	PRIMARY FUEL FILTER
7738-3303	1	SECONDARY FUEL FILTER
9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3469	1	ENGINE WIRE HARNESS
2	2486-1170	5	CLAMP
3	8871-1572	1	REDUCING BUSHING, 3/8x1/4
4	8688-3052	1	ELBOW, 90 DEGREES, 3/8x1/2
5	8820-1035	1	HEX HD CAPSCREW, 3/8-16x1, GR5
6	8855-1011	1	LOCK WASHER, 3/8
7	8850-1006	1	HEX NUT, 3/8-16
8	9108-3155	1	SHUT-OFF VALVE
9	7738-3542	1	RESTRICTOR, 3/16" ORIFICE (Used on engines operating at 2800 RPM)
	7738-3540	1	RESTRICTOR, 1/4" ORIFICE (Used on engines operating at 2500 RPM)
10	8871-1103	1	STREET ELBOW, 1/2
11	8871-1386	1	REDUCING BUSHING, 3/4x1/2
12	8866-1851	1	ELBOW, 90 DEGREES, 3/16x1/8
13	8688-3172	1	TUBE FITTING, 1/8x3/8
14	8319-1040	12	SOCKET HD CAPSCREW, M10x1.50 (lubricate and torque to 32-37 ft. lbs.)
15	8594-1017	2	CLAMP
16	7738-3023	1	CONVERTER OIL PRESSURE SENDER
17	8871-2011	1	ELBOW, 90 DEGREES, 1/8
18		Ref	CHASSIS WIRING HARNESS (see page UN2-15 for details)
19		Ref	TRANSMISSION ASSY (see page UN3-4 for details)

Item	Part No.	Qty.	Description Of Part
20	7738-3329	1	SEAL WASHER
21	7738-3313	1	SPEEDOMETER SENDING UNIT
22	7738-6015	1	TRANSMISSION MOUNT
23	8820-1109	4	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
24	8820-1538	8	HEX HD CAPSCREW, 3/8-24x2, GR5
25	8668-3048	1	OIL PRESSURE SENDER
26	7738-3207	1	PRESSURE SWITCH
27	8871-2107	1	PIPE NIPPLE, 1/8
28	8871-2071	1	TEE, 1/8
29	7738-1207	1	ENGINE MOUNT, L.H.
30	8319-1004	3	HEX HD CAPSCREW, M12x1.75
31	8820-1123	2	HEX HD CAPSCREW, 5/16-18x1-3/4 GR5
32	7713-3137	2	COVER PLATE
33	8366-3119	2	CLAMP SET, 1x3/4
34	7713-3306	2	STACK BOLT
35	7713-3390	6	SAFETY CLIP
36	7732-3029	2	CLAMP SET, 7/8x7/8
37	7738-6089	2	HOSE CLAMP WELDMENT
38	7721-1033	1	BRACKET
39	8820-1005	2	HEX HD CAPSCREW, 1/4-20x1, GR5
40	8856-1107	2	FLAT WASHER, 1/4
41	8855-1009	2	LOCK WASHER, 1/4
42	8850-1004	2	HEX NUT, 1/4-20
43	8668-3193	1	HOSE CLAMP
44	7738-3566	1	THREAD INSERT
45	8319-1028	1	HEX HD CAPSCREW, M8x1.25
46	8319-1011	1	LOCK WASHER, M8
47	9104-3147	1	SUPPORT CLAMP
48	7738-3564	1	FORMED TUBE
			NOTE: If replacement of restrictor (item 9) is required, please be sure to select the correct restrictor for the operating speed of your engine.

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D154
Original Issue 7-88



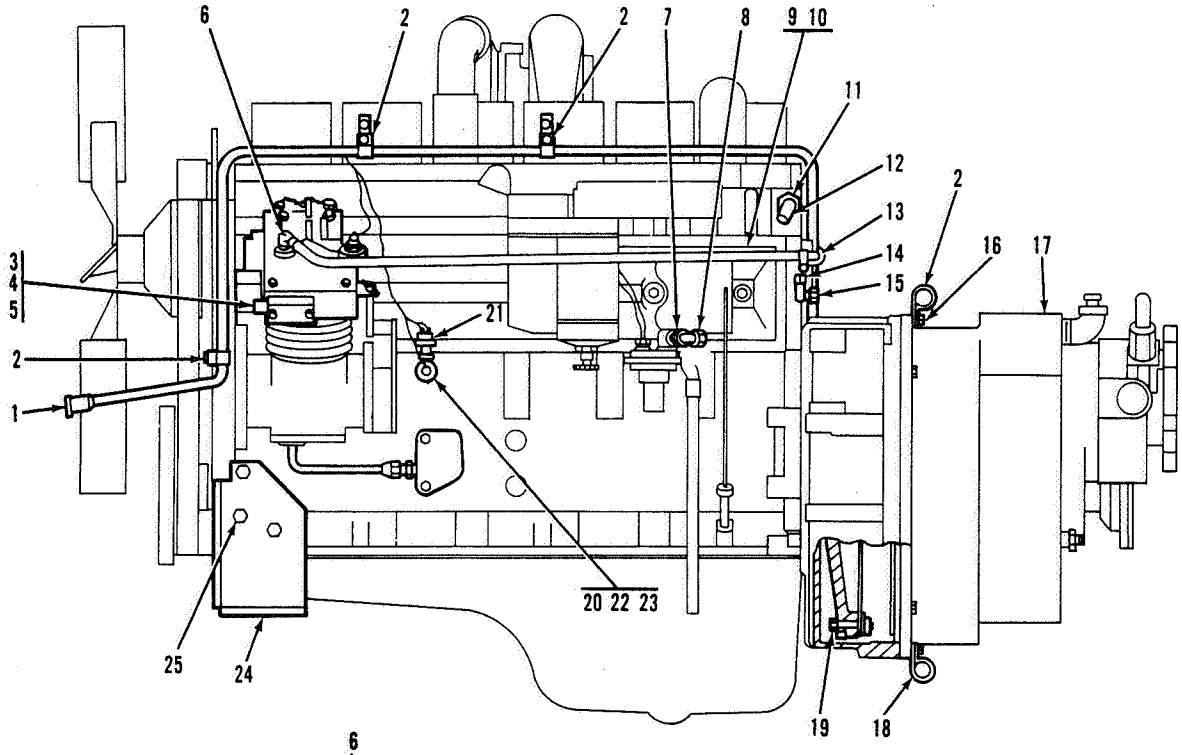
Item	Part No.	Qty.	Description Of Part
	7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (Includes one each of the following parts)
	7738-3201	1	OIL FILTER
	9020-1415	1	AIR FILTER
	8307-4447	1	PRIMARY FUEL FILTER
	7738-3303	1	SECONDARY FUEL FILTER
	9020-1617	1	TRANSMISSION FILTER

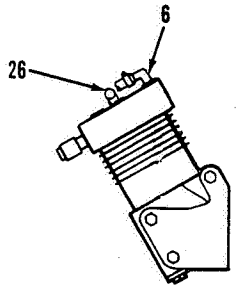
Item	Part No.	Qty.	Description Of Part
1	7738-3134	1	ENGINE WIRE HARNESS
2	2486-1170	3	CLAMP
3	8871-1572	1	REDUCING BUSHING, 3/8x1/4
4	8688-3052	1	ELBOW, 90 DEGREES, 3/8x1/2
5	8471-1386	1	REDUCING BUSHING, 3/4x1/2
6	8471-2742	1	HOSE NIPPLE
7	8866-1851	1	ELBOW, 90 DEGREES, 3/16x1/8
8	8688-3172	1	TUBE FITTING, 1/8x3/8
9	8319-1040	12	SOC. HD CAPSCREW, M10x1.50 (lubricate and torque to 32-37 ft. lbs.)
10	8594-1017	2	CLAMP
11	7738-3023	1	CONVERTER OIL PRESSURE SENDER
12	8871-2011	1	ELBOW, 90 DEGREES, 1/8

Item	Part No.	Qty.	Description Of Part
13		Ref	CHASSIS WIRING HARNESS (see page UN2-15 for details)
14		Ref	TRANSMISSION ASSY (see page UN3-4 for details)
15	7738-3329	1	SEAL WASHER
16	7738-3313	1	SPEEDOMETER SENDING UNIT
17	7738-6015	1	TRANSMISSION MOUNT
18	8820-1109	4	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
19	8820-1538	8	HEX HD CAPSCREW, 3/8-24x2, GR5
20	8668-3048	1	OIL PRESSURE SENDER
21	7738-3207	1	PRESSURE SWITCH
22	8871-2107	1	PIPE NIPPLE, 1/8
23	8871-2071	1	TEE, 1/8
24	7738-1207	1	ENGINE MOUNT, L. H.
25	8319-1004	3	HEX HD CAPSCREW, M12x1.75

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 6-85
Revised 12-92





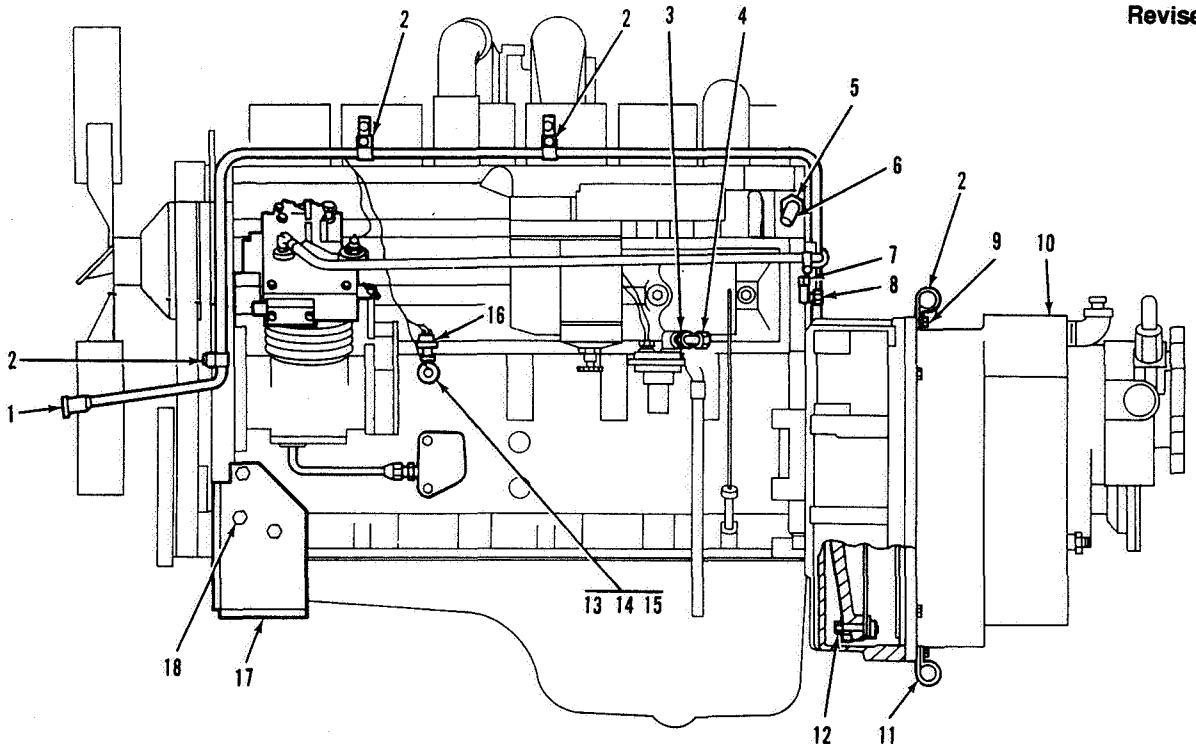
Item	Part No.	Qty.	Description Of Part
	7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (includes one each of the following parts)
	7738-3201	1	OIL FILTER
	9020-1415	1	AIR FILTER
	8307-4447	1	PRIMARY FUEL FILTER
	7738-3203	1	SECONDARY FUEL FILTER
	9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3134	1	ENGINE WIRING HARNESS
2	8594-1017	5	CLAMP
3	7738-3274	1	INLET AIR ADAPTER
4	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
5	8855-1010	2	LOCK WASHER, 5/16
6	8471-2728	1	ELBOW, 90 DEGREES, 1/2 NPT TO 1/2 HOSE
7	8871-1572	1	REDUCING BUSHING, 1/4X3/8
8	8688-3052	1	TUBE FITTING, 90 DEGREES, 3/8X1/2
9		1	HOSE, 1/2 I.D., 30" LONG
10	8668-3193	2	HOSE CLAMP
11	8871-1386	1	REDUCING BUSHING, 3/4X1/2
12	8471-2742	1	HOSE NIPPLE
13	8471-2744	1	HOSE NIPPLE, 1/2-14 PIPE

Item	Part No.	Qty.	Description Of Part
14	8866-1851	1	TUBE FITTING, 90 DEGREES, 3/16X1/8
15	8688-3172	1	TUBE FITTING, 1/8X3/8
16	8319-1040	12	HEX HD CAPSCREW (lubricate & torque to 32-37 ft.lbs.)
17		Ref	TORQUE CONVERTER ASSY (see page UN3-45 for details)
18	8503-1405	2	CLAMP
19	8820-1538	8	HEX HD CAPSCREW, 3/8-24X2, GR5
20	8668-3048	1	OIL PRESSURE SENDER
21	7738-3207	1	PRESSURE SWITCH
22	8871-2107	1	PIPE NIPPLE, 1/8
23	8871-2071	1	TEE, 1/8
24	7738-1207	1	ENGINE MOUNT, L.H.
25	8319-1004	3	HEX HD CAPSCREW
26	8874-3045	1	MALE ELBOW, 90 DEGREES, 1/2 NPT TO 5/8 TUBE

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87 D154
Original Issue 7-88
Revised 12-92



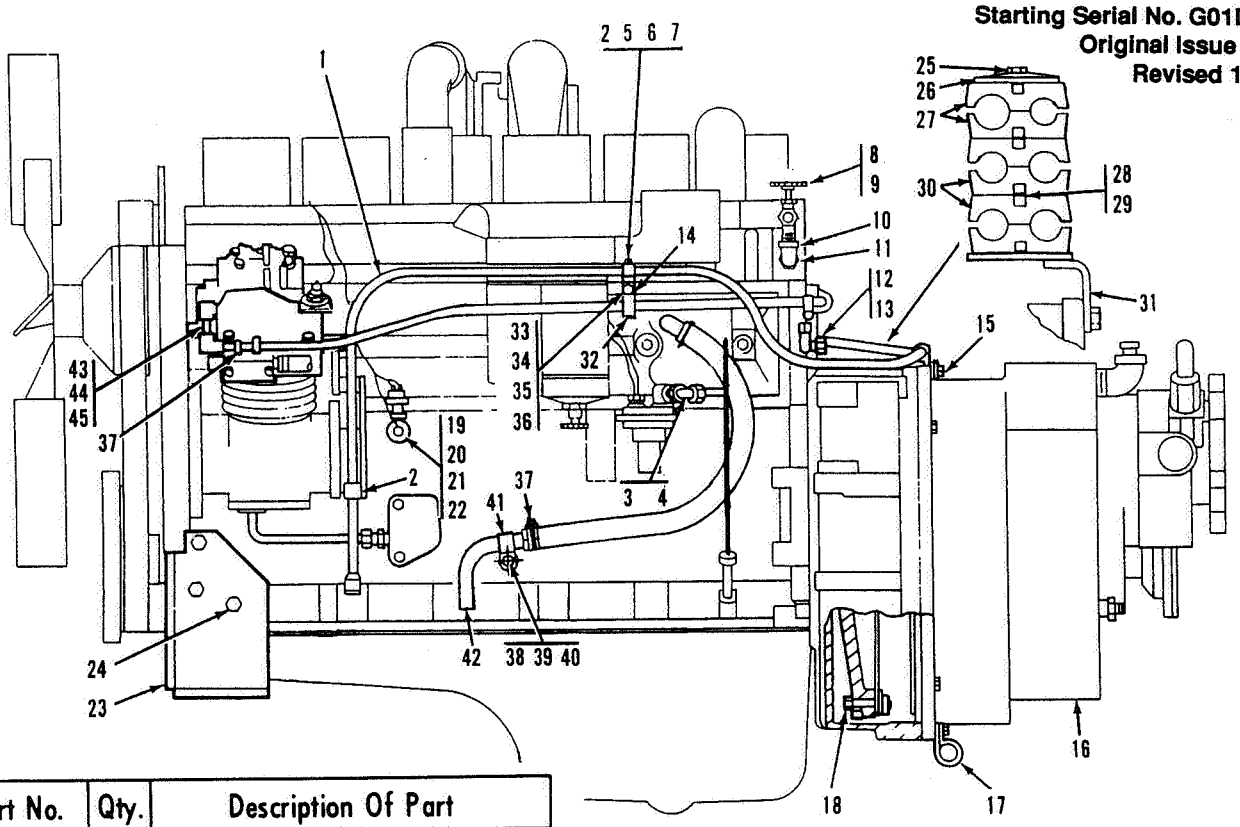
Item	Part No.	Qty.	Description Of Part
	7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (includes one each of the following parts)
	7738-3201	1	OIL FILTER
	9020-1415	1	AIR FILTER
	8307-4447	1	PRIMARY FUEL FILTER
	7738-3203	1	SECONDARY FUEL FILTER
	9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3134	1	ENGINE WIRING HARNESS
2	8594-1017	5	CLAMP
3	8871-1572	1	REDUCING BUSHING, 1/4X3/8
4	8688-3052	1	TUBE FITTING, 90 DEGREES, 3/8X1/2
5	8871-1386	1	REDUCING BUSHING, 3/4X1/2
6	8471-2742	1	HOSE NIPPLE
7	8866-1851	1	TUBE FITTING, 90 DEGREES, 3/16X1/8
8	8688-3172	1	TUBE FITTING, 1/8X3/8
9	8319-1040	12	SOCKET HD CAPSCREW, M10X1.50 (lubricate & torque to 32-37 ft.lbs.)

Item	Part No.	Qty.	Description Of Part
10		Ref	TORQUE CONVERTER ASSY (see page UN3-45 for details)
11	8503-1405	2	CLAMP
12	8820-1538	8	HEX HD CAPSCREW, 3/8-24X2, GR5 (lubricate & torque to 35-40 ft.lbs.)
13	8668-3048	1	OIL PRESSURE SENDER
14	8871-2107	1	PIPE NIPPLE, 1/8
15	8871-2071	1	TEE, 1/8
16	7738-3207	1	PRESSURE SWITCH
17	7738-1207	1	ENGINE MOUNT, L.H.
18	8319-1004	3	HEX HD CAPSCREW, M12X1.75

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. G01D191
Original Issue 6-88
Revised 12-92



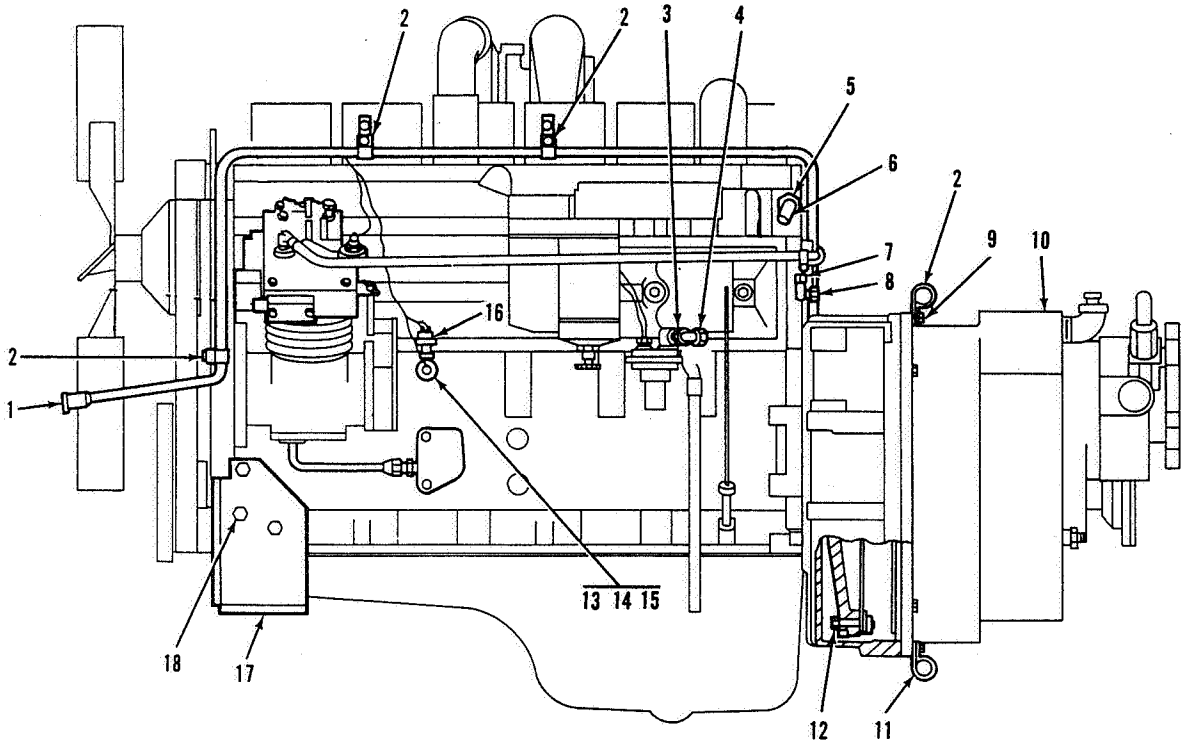
Part No.	Qty.	Description Of Part
7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (includes one each of the following parts)
7738-3201	1	OIL FILTER
9020-1415	1	AIR FILTER
8307-4447	1	PRIMARY FUEL FILTER
7738-3203	1	SECONDARY FUEL FILTER
9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3469	1	ENGINE WIRE HARNESS
2	2486-1170	5	CLAMP
3	8871-1572	1	REDUCING BUSHING, 3/8X1/4
4	8688-3052	1	ELBOW, 90 DEGREES, 3/8X1/2
5	8820-1035	1	HEX HD CAPSCREW, 3/8-16X1, GR5
6	8855-1011	1	LOCK WASHER, 3/8
7	8850-1006	1	HEX NUT, 3/8-16
8	9108-3155	1	SHUT-OFF VALVE
9	7738-3542	1	RESTRICTOR, 3/16" ORIFICE (used on engines operating at 2800 RPM)
	7738-3540	1	RESTRICTOR, 1/4" ORIFICE (used on engines operating at 2500 RPM)
10	8871-1103	1	STREET ELBOW, 1/2
11	8871-1386	1	REDUCING BUSHING, 3/4X1/2
12	8866-1851	1	ELBOW, 90 DEGREES, 3/16X1/8
13	8688-3172	1	TUBE FITTING, 1/8X3/8
14	8594-1017	2	CLAMP
15	8319-1040	12	SOCKET HD CAPSCREW, M10X1.50 (lubricate & torque to 32-37 ft.lbs.)
16		Ref	TORQUE CONVERTER ASSY (see page UN3-45 for details)
17	8503-1405	2	CLAMP
18	8820-1538	8	HEX HD CAPSCREW, 3/8-24X2, GR5
19	9103-3246	1	OIL PRESSURE SENDER

Item	Part No.	Qty.	Description Of Part
20	7738-3207	1	PRESSURE SWITCH
21	8871-2107	1	PIPE NIPPLE, 1/8
22	8871-2071	1	TEE, 1/8
23	7738-1207	1	ENGINE MOUNT, L.H.
24	8319-1004	3	HEX HD CAPSCREW, M12X1.75
25	8820-1123	2	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5
26	7713-3137	2	COVER PLATE
27	8366-3119	2	CLAMP SET, 1X3/4
28	7713-3306	2	STACK BOLT
29	7713-3390	6	SAFETY CLIP
30	7732-3029	2	CLAMP SET, 7/8X7/8
31	7738-6089	2	HOSE CLAMP WELDMENT
32	7721-1033	1	BRACKET
33	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
34	8856-1107	2	FLAT WASHER, 1/4
35	8855-1009	2	LOCK WASHER, 1/4
36	8850-1004	2	HEX NUT, 1/4-20
37	8668-3193	2	HOSE CLAMP
38	7738-3566	1	THREAD INSERT
39	8319-1028	1	HEX HD CAPSCREW, M8X1.25
40	8319-1011	1	LOCK WASHER, M8
41	9104-3147	1	SUPPORT CLAMP
42	7738-3564	1	FORMED TUBE
43	8471-2742	1	ADAPTER FITTING
44	8870-1068	1	CLOSE NIPPLE, 1/2X1-1/2
45	8871-1004	1	ELBOW, 90 DEGREES, 1/2
			NOTE: IF REPLACEMENT OF RESTRICTOR (item 9) IS REQUIRED, PLEASE BE SURE TO SELECT THE CORRECT RESTRICTOR FOR THE OPERATING SPEED OF YOUR ENGINE.

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DRIVE LINE COMPONENTS
Engine Left Side View
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D154
Original Issue 7-88



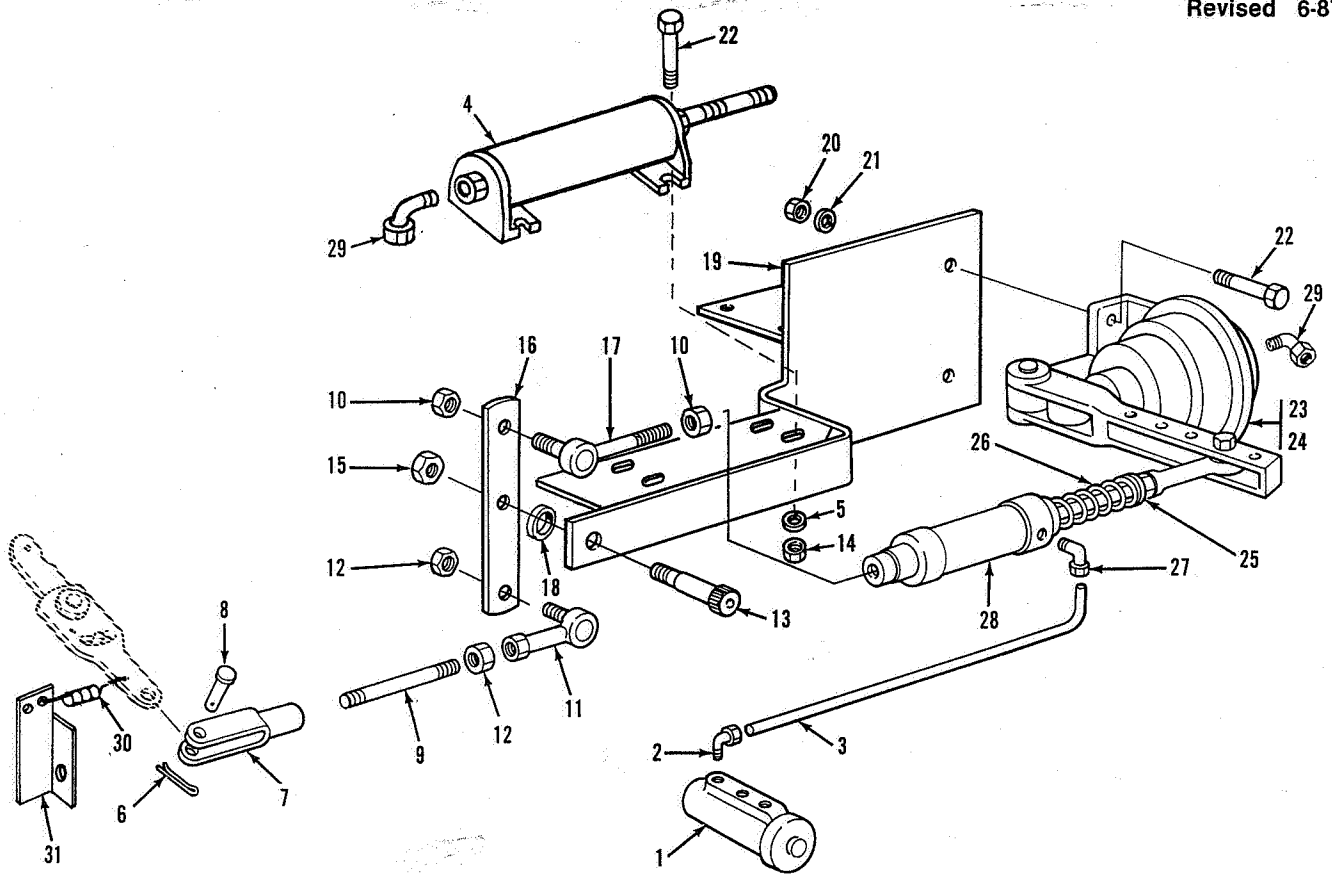
Item	Part No.	Qty.	Description Of Part
	7738-3414	1	CUMMINS ENGINE/TRANSMISSION FILTER KIT (Includes one each of the following parts)
	7738-3201	1	OIL FILTER
	9020-1415	1	AIR FILTER
	8307-4447	1	PRIMARY FUEL FILTER
	7738-3303	1	SECONDARY FUEL FILTER
	9020-1617	1	TRANSMISSION FILTER

Item	Part No.	Qty.	Description Of Part
1	7738-3134	1	ENGINE WIRING HARNESS
2	8594-1017	5	CLAMP
3	8871-1572	1	REDUCING BUSHING, 1/4x3/8
4	8688-3052	1	TUBE FITTING, 90 DEGREES, 3/8x1/2
5	8871-1386	1	REDUCING BUSHING, 3/4x1/2
6	8471-2742	1	HOSE NIPPLE
7	8866-1851	1	TUBE FITTING, 90 DEGREES, 3/16x1/8
8	8688-3172	1	TUBE FITTING, 1/8x3/8
9	8319-1040	12	SOC.HD CAPSCREW, M10x1.50 (lubricate and torque to 32-37 ft. lbs.)

Item	Part No.	Qty.	Description Of Part
10		Ref	TORQUE CONVERTER ASSY (see page UN 3-45 for details)
11	8503-1405	2	CLAMP
12	8820-1538	8	HEX HD CAPSCREW, 3/8-24x2, GR5 (lubricate and torque to 35-40 ft. lbs.)
13	8668-3048	1	OIL PRESSURE SENDER
14	8871-2107	1	PIPE NIPPLE, 1/8
15	8871-2071	1	TEE, 1/8
16	7738-3207	1	PRESSURE SWITCH
17	7738-1207	1	ENGINE MOUNT, L.H.
18	8319-1004	3	HEX HD CAPSCREW, M12x1.75

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DRIVE LINE COMPONENTS
Engine Throttle Control
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-87

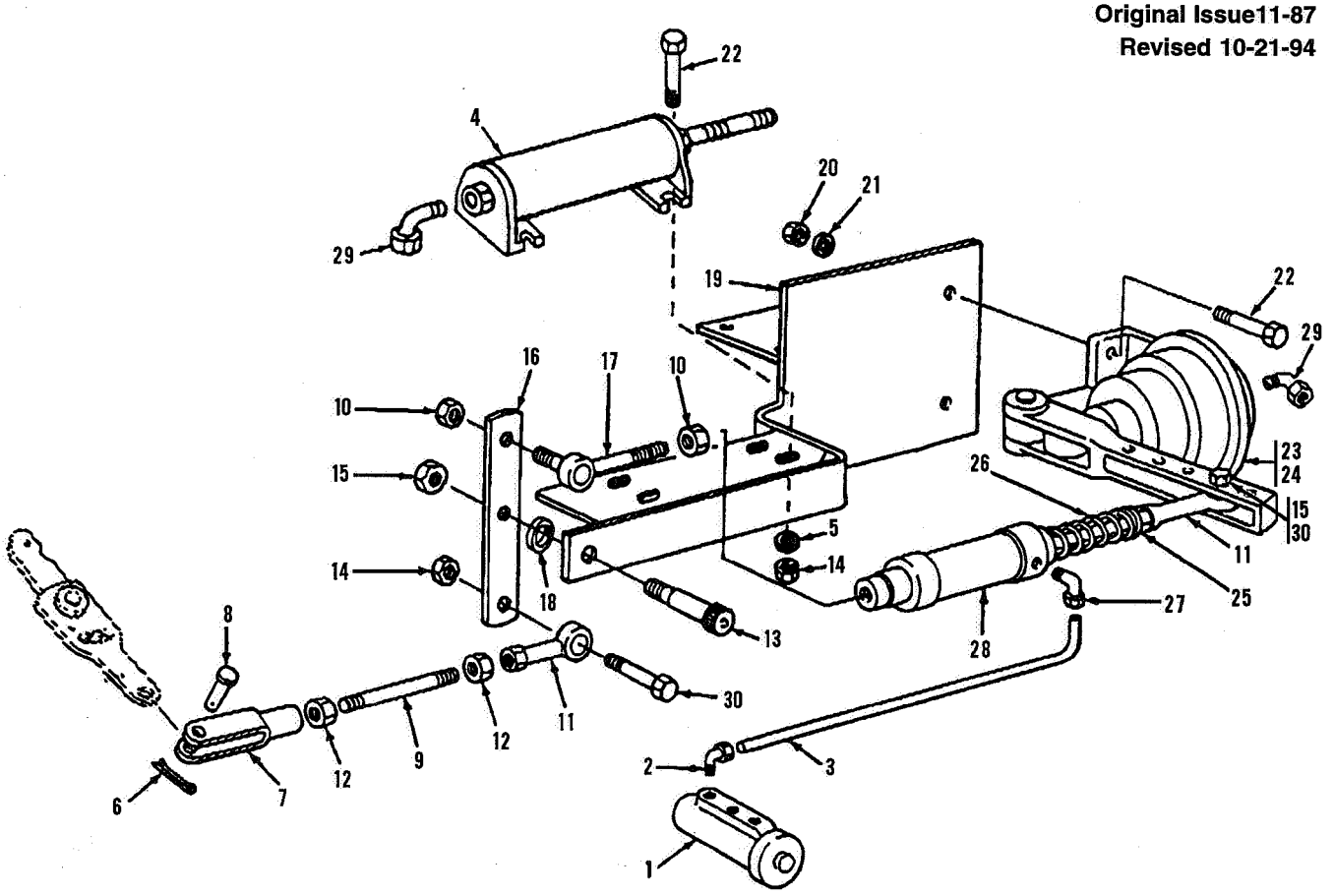


Item	Part No.	Qty.	Description Of Part
1		Ref	GOVERNOR (see page UN 6-1 for details)
2	8688-1281	1	TUBE FITTING, 45 DEGREES, 1/8 x 1/4
3		AR	TUBE, 1/4 (not furnished for service)
4	7738-3253	1	REMOTE THROTTLE STOP CYLINDER
5	8856-1002	4	FLAT WASHER, 1/4
6	8863-1301	1	COTTER PIN, 1/16 x 1/2
7	8882-1002	1	ADJUSTABLE YOKE END, 1/4-28
8	8863-3001	1	YOKE PIN, 1/4
9	7738-1210	1	ROD
10	8850-1404	2	HEX NUT, 1/4-28
11	7738-3150	1	ROD EYE
12	8850-1404	2	HEX NUT, 1/4-28
13	8825-1017	1	SOCKET HD SHOULDER SCREW 3/8 x 3/8 (5/16-18 THREAD)
14	8852-1204	4	HEX LOCKNUT, 1/4-20

Item	Part No.	Qty.	Description Of Part
15	8850-1105	1	HEAVY HEX JAM NUT, 5/16-18
16	7738-1192	1	LINK
17	7738-3148	1	ROD EYE
18	8856-1109	2	FLAT WASHER, 3/8
19	7738-6039	1	BRACKET
20	8850-1004	2	HEX NUT, 1/4-20
21	8855-1009	2	LOCK WASHER, 1/4
22	8820-1004	6	HEX HD CAPSCREW, 1/4-20 x 7/8, GR 5
23	7710-3004	1	AIR CYLINDER CONTROL ASSY
24	7710-4511	1	CONTROL ASSY REPAIR KIT
25	8856-1003	1	FLAT WASHER, 5/16
26	7736-3176	1	SPRING
27	8688-1276	1	ELBOW, 90 DEGREES
28	7736-3147	1	FAST IDLE CYLINDER
29	8688-3046	2	ELBOW, 90 DEGREES, 1/4 x 3/8
30	8688-3147	1	SPRING
31	8368-1544	1	SPRING BRACKET

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DRIVE LINE COMPONENTS
Engine Throttle Control
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D037
Original Issue11-87
Revised 10-21-94

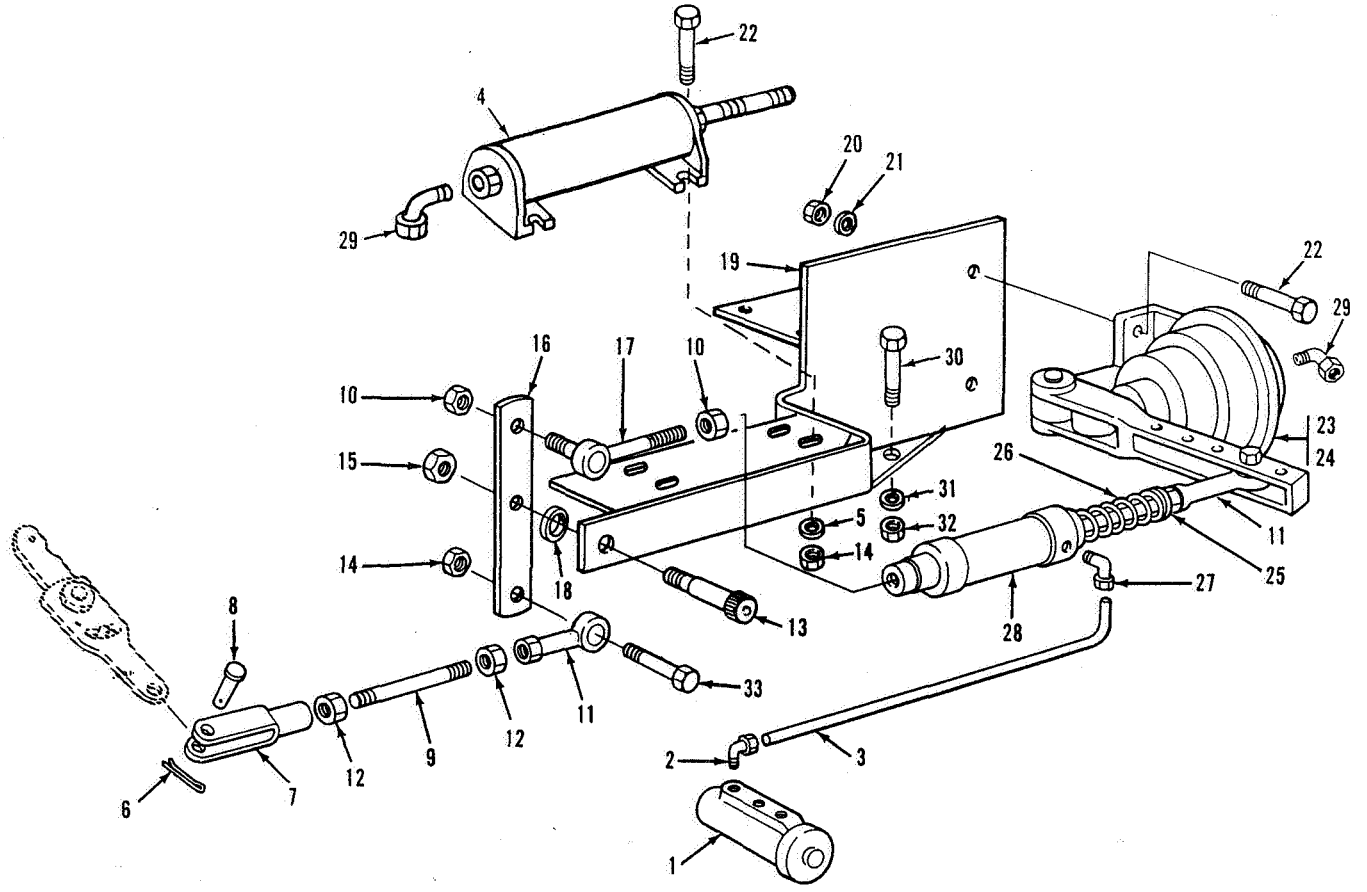


Item	Part No.	Qty.	Description Of Part
1		Ref	GOVERNOR, (see page UN6-1 for details)
2	8688-1281	1	TUBE FITTING, 45 DEGREES, 1/8X1/4
3		AR	TUBE, 1/4, (not furnished for service)
4	7738-3253	1	REMOTE THROTTLE STOP CYLINDER
5	8856-1002	4	FLAT WASHER, 1/4
6	8863-1301	1	COTTER PIN, 1/16X1/2
7	8882-1002	1	ADJUSTABLE YOKE END, 1/4-28
8	8863-3001	1	YOKE PIN, 1/4
9	7738-1210	1	ROD, 7-1/4" LONG
10	8850-1404	2	HEX NUT, 1/4-28
11	7738-3150	2	ROD EYE
12	8850-1404	2	HEX NUT, 1/4-28
13	8825-1017	1	SOCKET HD SHOULDER SCREW, 3/8X3/8, (5/16 thread)
14	8852-1204	5	HEX LOCKNUT, 1/4-20
15	8850-1105	2	HEAVY HEX JAM NUT, 5/16-18

Item	Part No.	Qty.	Description Of Part
16	7738-1192	1	LINK
17	7738-3148	1	ROD EYE
18	8856-1109	2	FLAT WASHER, 3/8
19	7738-6088	1	BRACKET
20	8850-1004	2	HEX HD CAPSCREW, 1/4-20X7/8, GR5
21	8855-1009	2	LOCKWASHER, 1/4
22	8820-1004	6	HEX HD CAPSCREW, 1/4-20X7/8, GR5
23	7710-3004	1	AIR CYLINDER CONTROL KIT
24	7710-4511	1	CONTROL ASSY REPAIR KIT
25	8856-1003	1	FLAT WASHER, 5/16
26	7738-3176	1	SPRING
27	8688-1276	1	TUBE FITTING, 90 DEGREES, 1/8X1/4
28	7736-3147	1	FAST IDLE CYLINDER
29	8688-3046	2	ELBOW, 90 DEGREES, 1/4X3/8
30	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5

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DRIVE LINE COMPONENTS
Engine Throttle Control
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D229
Original Issue 7-88
Revised 8-90

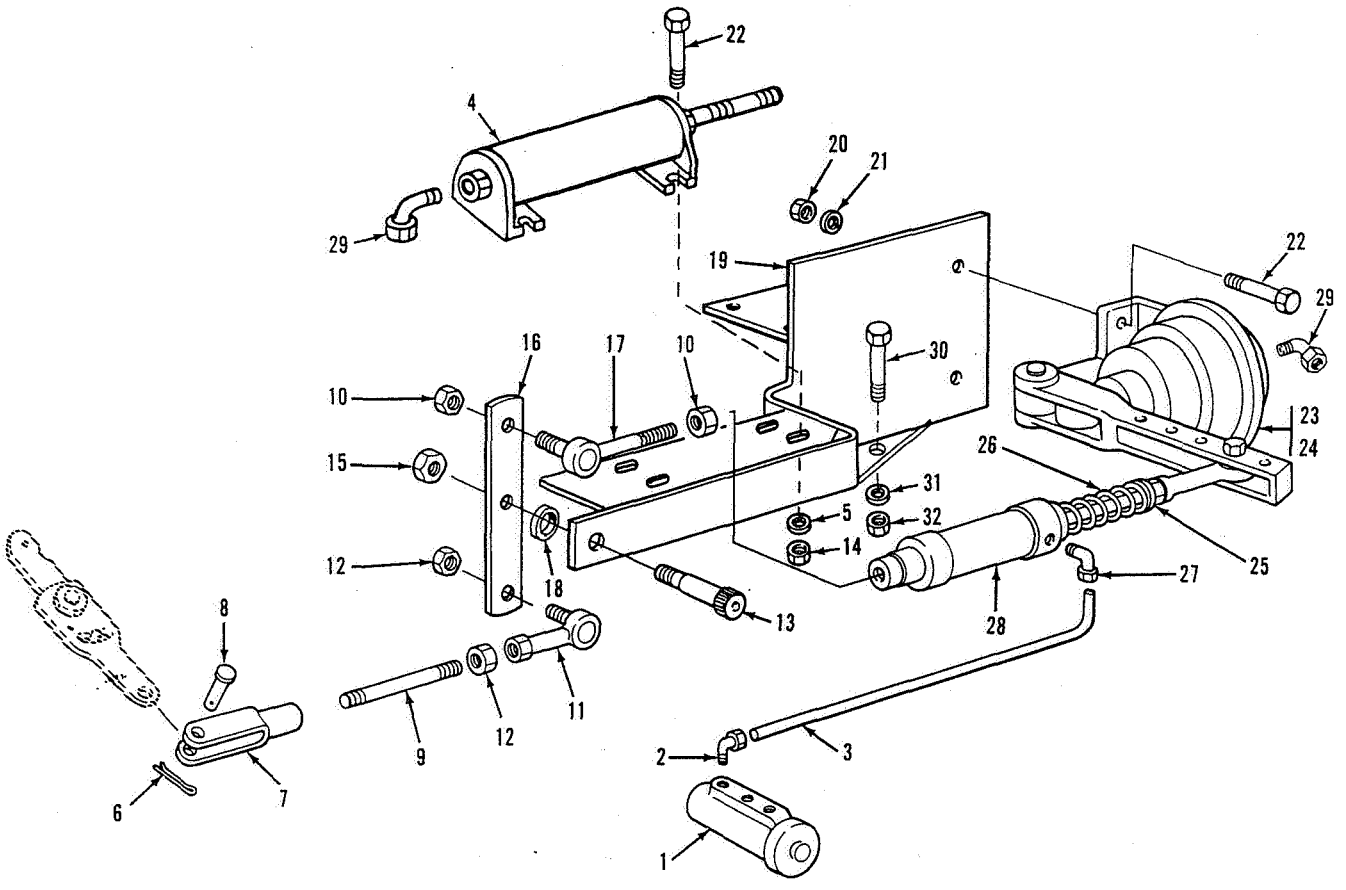


Item	Part No.	Qty.	Description Of Part
1		Ref	GOVERNOR (see page UN6-1 for details)
2	8688-1276	1	TUBE FITTING 90 DEGREES, 1/8X1/4
3		AR	TUBE 1/4 (not furnished for service)
4	7738-3253	1	REMOTE THROTTLE STOP CYLINDER
5	8856-1002	4	FLAT WASHER, 1/4
6	8863-1301	1	COTTER PIN, 1/16X1/2
7	8882-1002	1	ADJUSTABLE YOKE END, 1/4-28
8	8863-3001	1	YOKE PIN, 1/4
9	7738-1539	1	ROD, 9 1/2" LONG
10	8850-1404	2	HEX NUT, 1/4-28
11	7738-3150	2	ROD EYE
12	8850-1404	2	HEX NUT, 1/4-28
13	8825-1017	1	SOCKET HD SHOULDER SCREW 3/8X3/8 (5/16-18 thread)
14	8852-1204	5	HEX LOCKNUT, 1/4-20
15	8850-1105	1	HEAVY HEX JAM NUT, 5/16-18
16	7738-1192	1	LINK

Item	Part No.	Qty.	Description Of Part
17	7738-3148	1	ROD EYE
18	8856-1109	2	FLAT WASHER, 3/8
19	7738-6088	1	BRACKET
20	8850-1004	2	HEX NUT, 1/4-20
21	8855-1009	2	LOCKWASHER, 1/4
22	8820-1004	6	HEX HD CAPSCREW, 1/4-20X7/8, GR5
23	7710-3004	1	AIR CYLINDER CONTROL ASSY
24	7710-4511	1	CONTROL ASSY REPAIR KIT
25	8856-1003	1	FLAT WASHER, 5/16
26	7738-3176	1	SPRING
27	8688-1276	1	TUBE FITTING 90 DEGREES, 1/8X1/4
28	7736-3147	1	FAST IDLE CYLINDER
29	8688-3046	2	ELBOW, 90 DEGREES, 1/4X3/8
30	8820-1035	1	HEX HD CAPSCREW, 3/8-16X1, GR5
31	8855-1011	1	LOCKWASHER, 3/8
32	8850-1006	1	HEX NUT, 3/8-16
33	8820-1005	1	HEX HD CAPSCREW, 1/4-20X1, GR5

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DRIVE LINE COMPONENTS
Engine Throttle Control
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D231
Original Issue 7-88

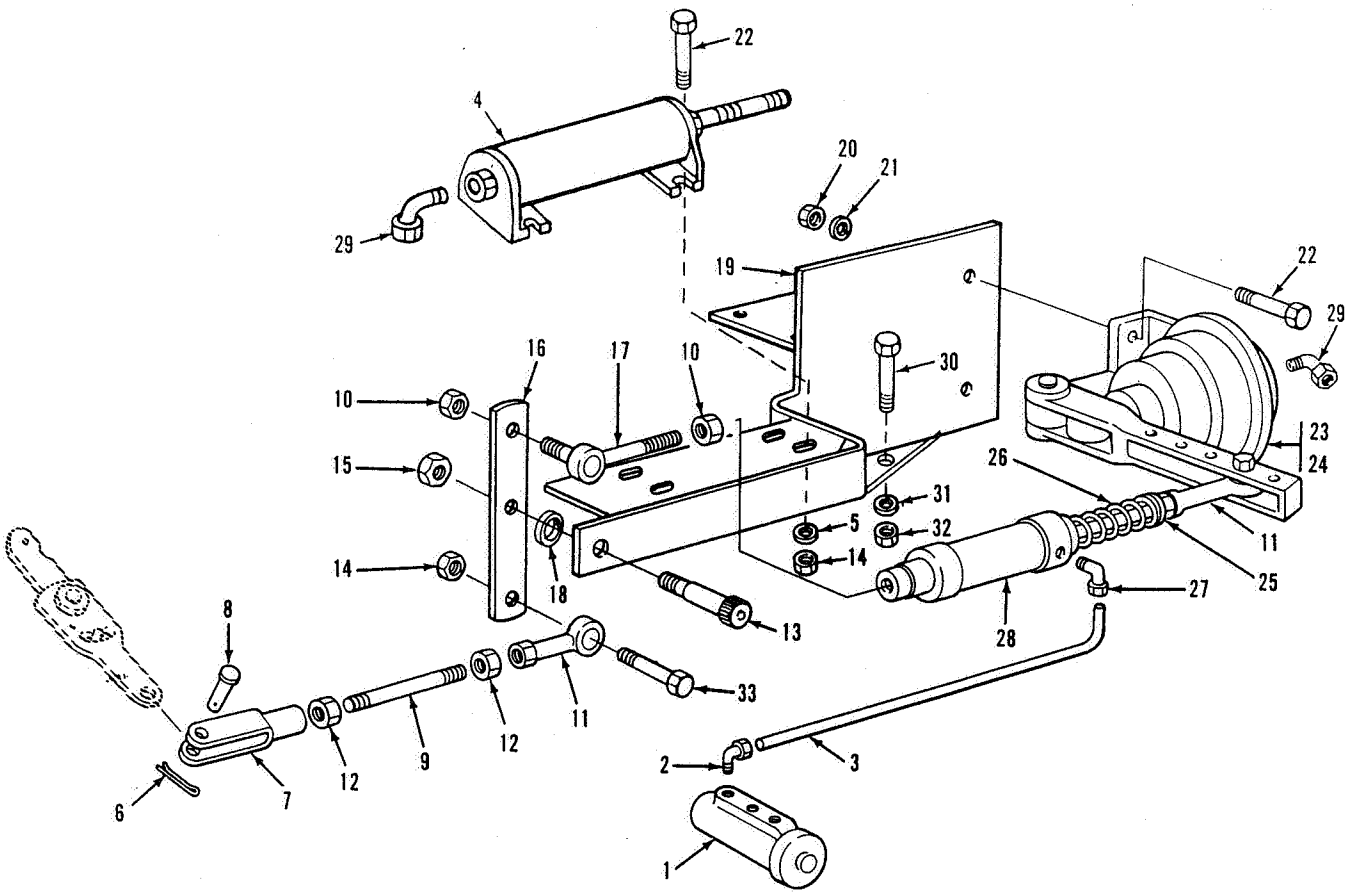


Item	Part No.	Qty.	Description Of Part
1		Ref	GOVERNOR (see page UN 6-1 for details)
2	8688-1276	1	TUBE FITTING, 90 DEGREES, 1/8 x 1/4
3		AR	TUBE, 1/4 (not furnished for service)
4	7738-3253	1	REMOTE THROTTLE STOP CYLINDER
5	8856-1002	4	FLAT WASHER, 1/4
6	8863-1301	1	COTTER PIN, 1/16 x 1/2
7	8882-1002	1	ADJUSTABLE YOKE END, 1/4-28
8	8863-3001	1	YOKE PIN, 1/4
9	7738-1539	1	ROD
10	8850-1404	2	HEX NUT, 1/4-28
11	7738-3150	1	ROD EYE
12	8850-1404	2	HEX NUT, 1/4-28
13	8825-1017	1	SOCKET HD SHOULDER SCREW 3/8 x 3/8 (5/16-18 THREAD)
14	8852-1204	4	HEX LOCKNUT, 1/4-20

Item	Part No.	Qty.	Description Of Part
15	8850-1105	1	HEAVY HEX JAM NUT, 5/16-18
16	7738-1192	1	LINK
17	7738-3148	1	ROD EYE
18	8856-1109	2	FLAT WASHER, 3/8
19	7738-6088	1	BRACKET
20	8850-1004	2	HEX NUT, 1/4-20
21	8855-1009	2	LOCK WASHER, 1/4
22	8820-1004	6	HEX HD CAPSCREW, 1/4-20 x 7/8, GR 5
23	7710-3004	1	AIR CYLINDER CONTROL ASSY
24	7710-4511	1	CONTROL ASSY REPAIR KIT
25	8856-1003	1	FLAT WASHER, 5/16
26	7736-3176	1	SPRING
27	8688-1276	1	ELBOW, 90 DEGREES
28	7736-3147	1	FAST IDLE CYLINDER
29	8688-3046	2	ELBOW, 90 DEGREES, 1/4 x 3/8
30	8820-1035	1	HEX HD CAPSCREW, 3/8-16x1, GR5
31	8855-1011	1	LOCK WASHER, 3/8
32	8850-1006	1	HEX NUT, 3/8-16

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DRIVE LINE COMPONENTS
Engine Throttle Control
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D231
Original Issue 2-90
Revised 8-90

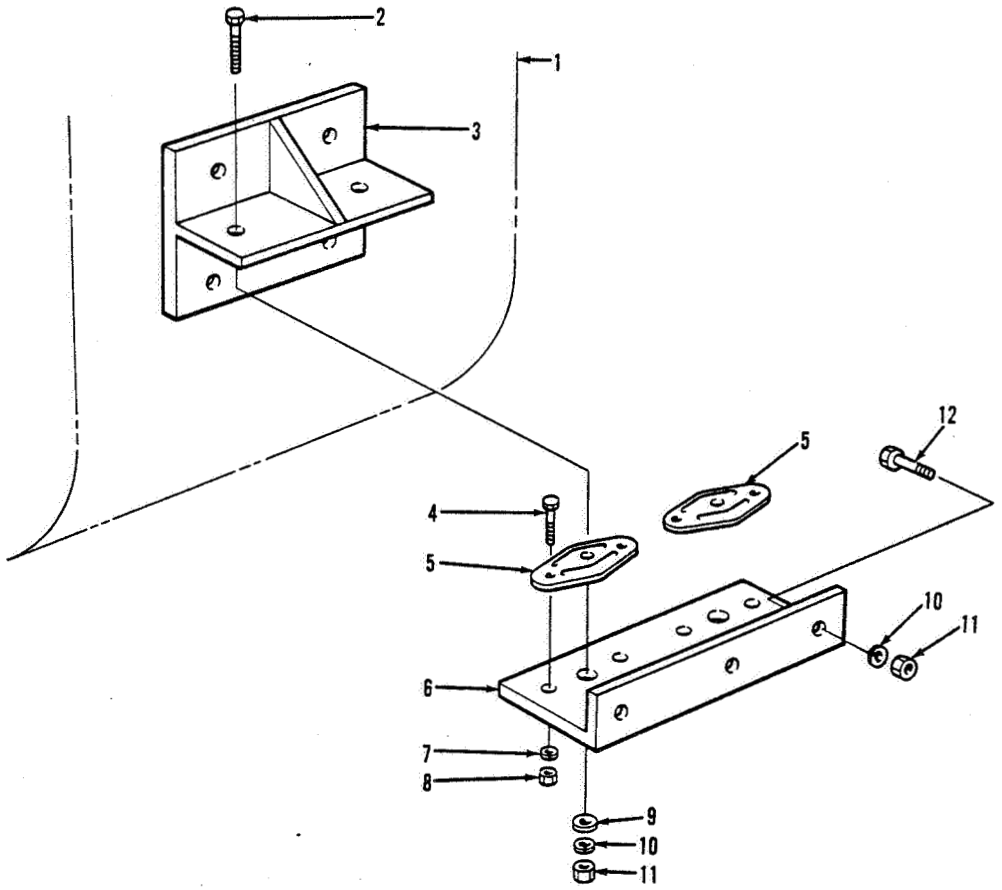


Item	Part No.	Qty.	Description Of Part
1		Ref	GOVERNOR (see page UN6-1 for details)
2	8688-1276	1	TUBE FITTING 90 DEGREES, 1/8X1/4
3		AR	TUBE 1/4 (not furnished for service)
4	7738-3253	1	REMOTE THROTTLE STOP CYLINDER
5	8856-1002	4	FLAT WASHER, 1/4
6	8863-1301	1	COTTER PIN, 1/16X1/2
7	8882-1002	1	ADJUSTABLE YOKE END, 1/4-28
8	8863-3001	1	YOKE PIN, 1/4
9	7738-1539	1	ROD, 9 1/2" LONG
10	8850-1404	2	HEX NUT, 1/4-28
11	7738-3150	2	ROD EYE
12	8850-1404	2	HEX NUT, 1/4-28
13	8825-1017	1	SOCKET HD SHOULDER SCREW 3/8X3/8 (5/16-18 thread)
14	8852-1204	5	HEX LOCKNUT, 1/4-20
15	8850-1105	1	HEAVY HEX JAM NUT, 5/16-18
16	7738-1192	1	LINK

Item	Part No.	Qty.	Description Of Part
17	7738-3148	1	ROD EYE
18	8856-1109	2	FLAT WASHER, 3/8
19	7738-6088	1	BRACKET
20	8850-1004	2	HEX NUT, 1/4-20
21	8855-1009	2	LOCKWASHER, 1/4
22	8820-1004	6	HEX HD CAPSCREW, 1/4-20X7/8, GR5
23	7710-3004	1	AIR CYLINDER CONTROL ASSY
24	7710-4511	1	CONTROL ASSY REPAIR KIT
25	8856-1003	1	FLAT WASHER, 5/16
26	7738-3176	1	SPRING
27	8688-1276	1	TUBE FITTING 90 DEGREES, 1/8X1/4
28	7736-3147	1	FAST IDLE CYLINDER
29	8688-3046	2	ELBOW, 90 DEGREES, 1/4X3/8
30	8820-1035	1	HEX HD CAPSCREW, 3/8-16X1, GR5
31	8855-1011	1	LOCKWASHER, 3/8
32	8850-1006	1	HEX NUT, 3/8-16
33	8820-1005	1	HEX HD CAPSCREW, 1/4-20X1, GR5

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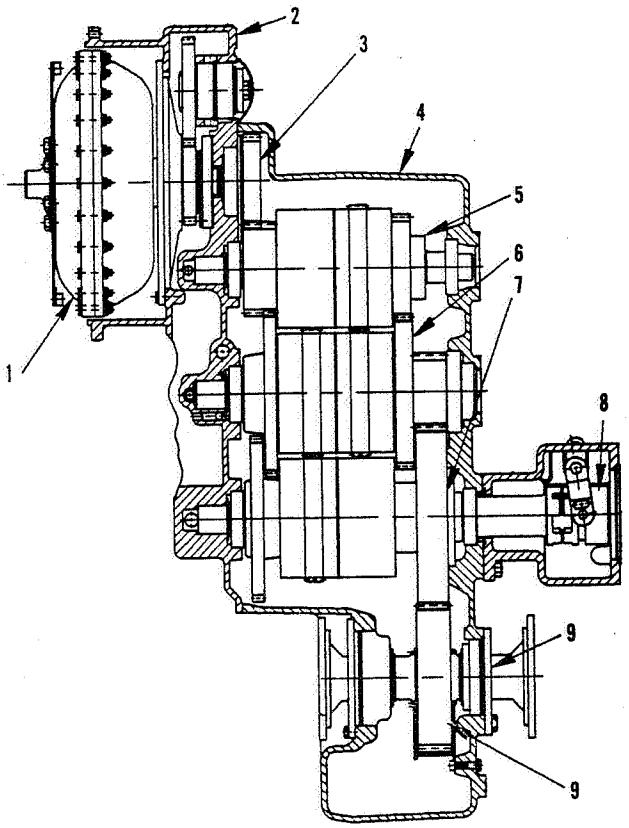
DRIVE LINE COMPONENTS
Transmission Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

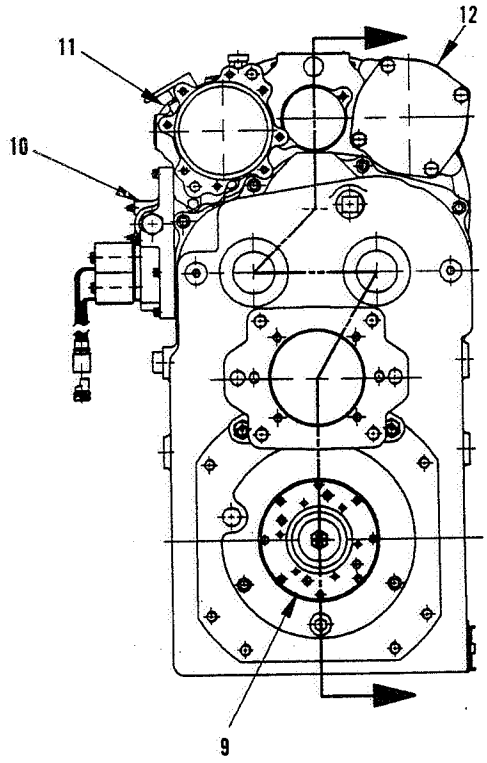


Item	Part No.	Qty.	Description Of Part
1	7738-3003	1	TRANSMISSION ASSY (includes all items on pages UN 3-5 thru UN 3-16)
2	8820-1104	4	HEX HD CAPSCREW, 5/8-11X3-3/4 GR 5
3		Ref	TRANSMISSION MOUNT (see pages UN 3-1 & UN 3-2 for details)
4	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
5	7738-3069	4	CENTER BOND MOUNT
6	7738-6016	2	TRANSMISSION MOUNT WELDMENT
7	8855-1011	8	LOCK WASHER, 3/8
8	8850-1006	8	HEX NUT, 3/8-16
9	7738-1205	4	WASHER
10	8855-1015	14	LOCK WASHER, 5/8
11	8850-1010	14	HEX NUT, 5/8-11
12	8820-1097	10	HEX HD CAPSCREW, 5/8-11X2, GR 5

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DRIVE LINE COMPONENTS
Transmission & Converter Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

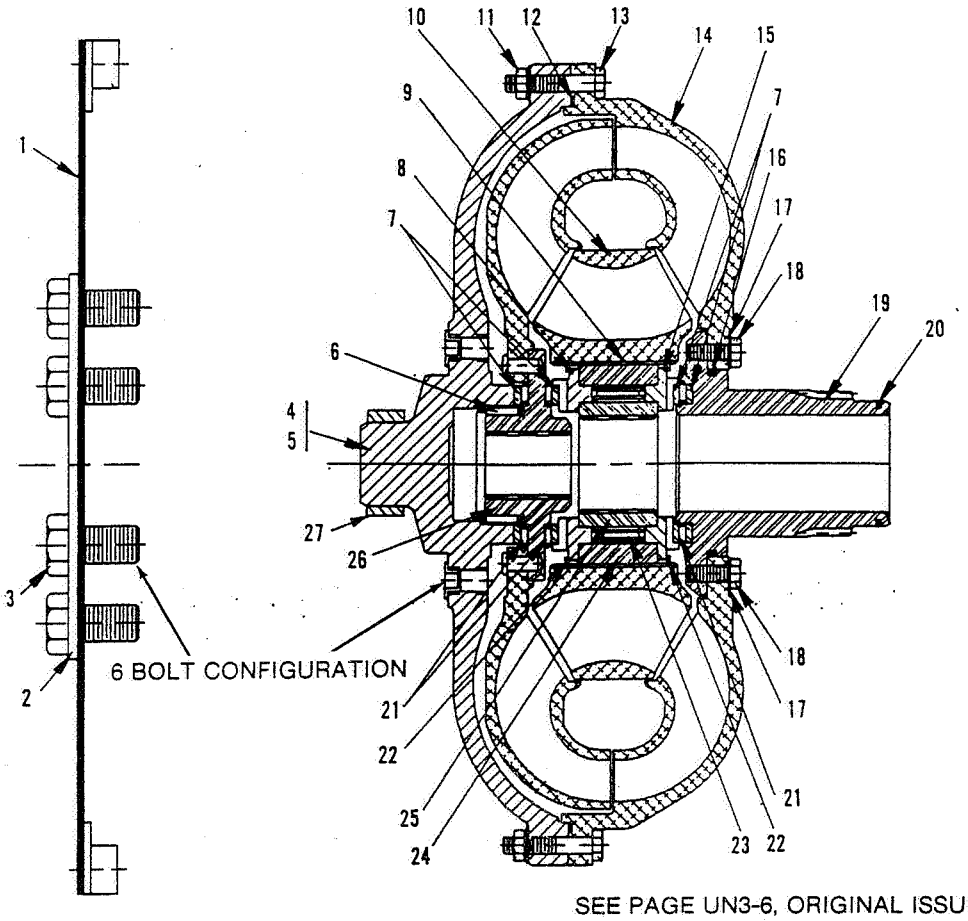




Item	Part No.	Qty.	Description Of Part
	7738-3003	1	TRANSMISSION & CONVERTER ASSY (includes all items)
1	No Number	Ref	DRIVE PLATE & CONVERTER ASSY (see page UN 3-6 for details)
2	7738-4062	Ref	FRONT COVER ASSY (see page UN 3-7 & UN 3-8 for details)
3	7738-4096	Ref	INPUT SHAFT ASSY (see page UN 3-9 for details)
4	No Number	Ref	TRANSMISSION CASE ASSY (see page UN 3-14 for details)
5	7738-4570	Ref	FIRST CLUTCH ASSY (see page UN 3-10 for details)
6	7738-4123	Ref	SECOND CLUTCH ASSY (see page UN 3-11 for details)
7	7738-4130	Ref	THIRD CLUTCH ASSY (see page UN 3-12 for details)
8	7738-4028	1	SHIFT COLLAR
9	No Number	Ref	OUTPUT SHAFT ASSY (see page UN 3-13 for details)
10	No Number	Ref	CONTROL VALVE ASSY (see page UN 3-16 for details)
11	7738-4193	Ref	CHARGE PUMP ASSY (see page UN 3-15 for details)
12	7738-4374	Ref	POWER STEERING PUMP ADAPTER ASSY (see page UN 3-15 for details)

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DRIVE LINE COMPONENTS
Drive Plate & Converter
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



SEE PAGE UN3-6, ORIGINAL ISSUE 1-88, FOR 12 BOLT CONFIGURATION ON 4 x 2 MODELS.

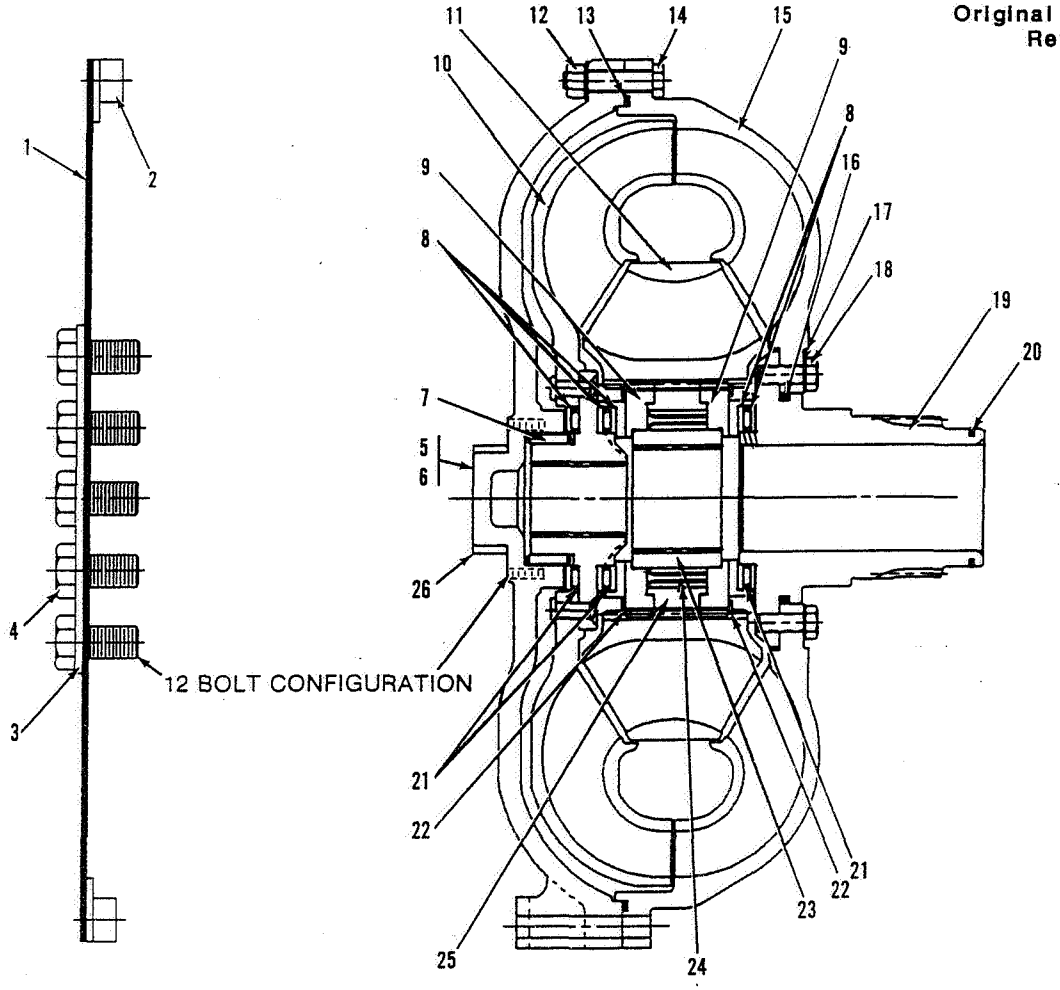
PLEASE NOTE:
THERE ARE TWO CONFIGURATIONS OF DRIVE PLATES AND TORQUE CONVERTERS USED IN THE 4 x 2 AND 4 x 4 TRANSMISSIONS. ONE CONFIGURATION USES SIX (6) BOLTS TO SECURE THE DRIVE PLATE TO THE CONVERTER AND THE OTHER CONFIGURATION USES TWELVE (12) BOLTS. THE INTERNAL PARTS BETWEEN BOTH CONFIGURATIONS ARE NOT INTERCHANGEABLE. WHEN ORDERING REPLACEMENT PARTS FOR YOUR DRIVE PLATE AND TORQUE CONVERTER, PLEASE BE SURE TO USE THE CORRECT PARTS PAGE THAT AGREES WITH YOUR 4 x 2 OR 4 x 4 TRANSMISSION.

Item	Part No.	Qty.	Description Of Part
	7738-4040	1	DRIVE PLATE GROUP ASSY (includes items 1, 2, 3)
1	7738-4041	1	DRIVE PLATE ASSY
2	7738-4042	1	RING
3	7738-4043	6	HEX HD CAPSCREW
4	7738-4044	1	CONVERTER ASSY (includes items 5 thru 27)
5	7738-4045	1	FRONT COVER
6	7738-4046	1	BEARING
7	9020-1442	4	THRUST RACE
8	7738-4047	1	CLUTCH RETAINER
9	7738-4048	4	SQUARE KEY
10	7738-4049	1	STATOR
11	7738-4050	24	HEX NUT
12	9020-1123	1	O RING GASKET

Item	Part No.	Qty.	Description Of Part
13	7738-4051	24	HEX HD CAPSCREW
14	7738-4052	1	CONVERTER IMPELLER
15	7738-4053	1	CLUTCH RETAINER
16	9021-4001	1	O RING
17	9020-1440	12	LOCK WASHER
18	7738-4054	12	HEX HD CAPSCREW
19	7738-4055	1	IMPELLER HUB
20	7738-4056	1	SEAL RING
21	9020-1459	3	NEEDLE THRUST BEARING
22	7738-4057	2	RETAINING RING
23	9020-1446	1	SPRAG CLUTCH ASSY
24	7738-4058	1	OUTER CLUTCH RACE
25	7738-4059	1	INNER CLUTCH RACE
26	7738-4060	1	TURBINE ASSY
27	7738-3415	1	PILOT BUSHING(1.815" LONG)

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DRIVE LINE COMPONENTS
Drive Plate & Converter
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 1-88
Revised 3-89



SEE PAGE UN3-6, REVISED 1-88, FOR 6 BOLT CONFIGURATION ON 4 x 2 MODELS.

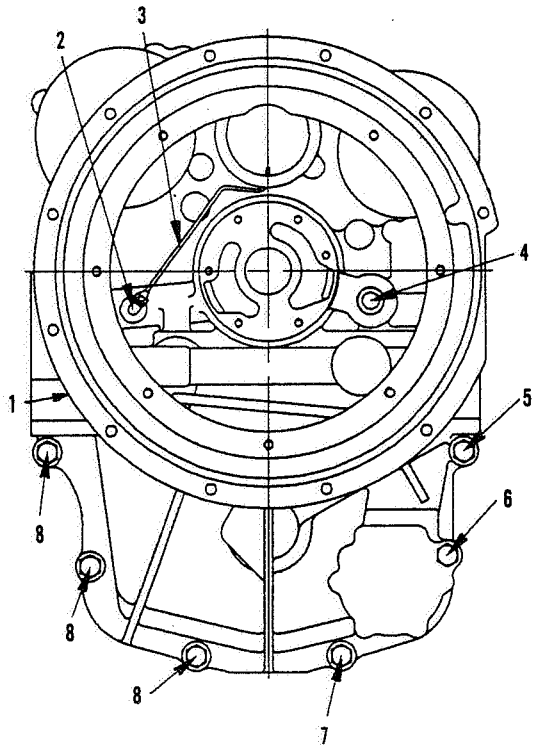
PLEASE NOTE:
THERE ARE TWO CONFIGURATIONS OF DRIVE PLATES AND TORQUE CONVERTERS USED IN THE 4 x 2 AND 4 x 4 TRANSMISSIONS. ONE CONFIGURATION USES SIX (6) BOLTS TO SECURE THE DRIVE PLATE TO THE CONVERTER AND THE OTHER CONFIGURATION USES TWELVE (12) BOLTS. THE INTERNAL PARTS BETWEEN BOTH CONFIGURATIONS ARE NOT INTERCHANGEABLE. WHEN ORDERING REPLACEMENT PARTS FOR YOUR DRIVE PLATE AND TORQUE CONVERTER, PLEASE BE SURE TO USE THE CORRECT PARTS PAGE THAT AGREES WITH YOUR 4 x 2 OR 4 x 4 TRANSMISSION.

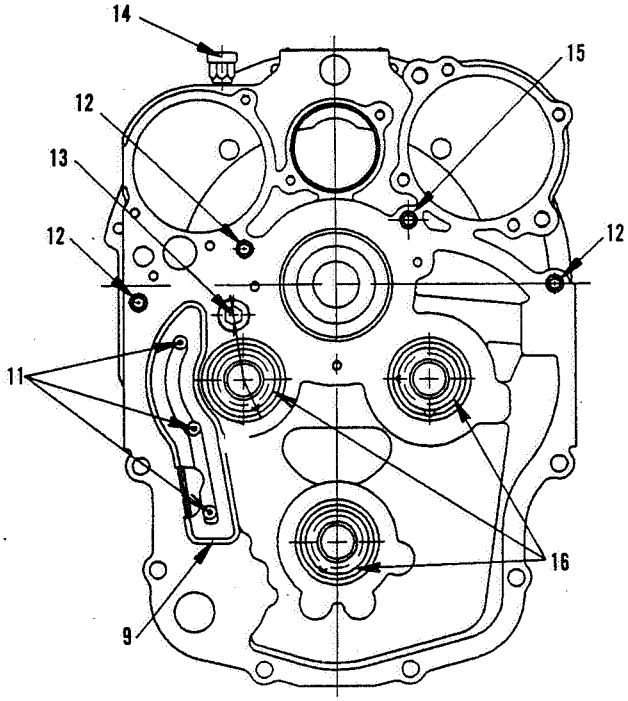
Item	Part No.	Qty.	Description Of Part
	7738-4491	1	DRIVE PLATE GROUP ASSY (includes items 1 thru 4)
1	7738-4492	3	DRIVE PLATE
2	7738-4493	1	DRIVE PLATE ASSY
3	7738-4494	1	RING
4	7738-4101	12	HEX HD CAPSCREW
5	7738-4495	1	CONVERTER ASSY (includes items 6 thru 25)
6	7738-4496	1	FRONT COVER
7	7738-4046	1	BEARING
8	7738-4497	5	THRUST WASHER
9	7738-4498	2	CLUTCH RETAINER
10	7738-4499	1	TURBINE ASSY
11	7738-4500	1	CONVERTER STATOR
12	7738-4580	24	HEX NUT

Item	Part No.	Qty.	Description Of Part
13	9020-1123	1	O RING GASKET
14	7738-4581	24	HEX HD CAPSCREW
15	7738-4052	1	CONVERTER IMPELLER
16	9021-4001	1	O RING
17	9020-1440	12	LOCK WASHER
18	7738-4054	12	HEX HD CAPSCREW
19	7738-4503	1	IMPELLER HUB
20	7738-4056	1	SEAL RING
21	9020-1459	3	NEEDLE THRUST BEARING
22	9020-4504	2	INTERNAL RETAINING RING
23	7738-4059	1	INNER CLUTCH RACE
24	9020-1446	1	SPRAG CLUTCH ASSY
25	9020-4505	1	OUTER CLUTCH RACE
26	7738-3415	1	PILOT BUSHING(1.815" LONG)

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DRIVE LINE COMPONENTS
Front Cover Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

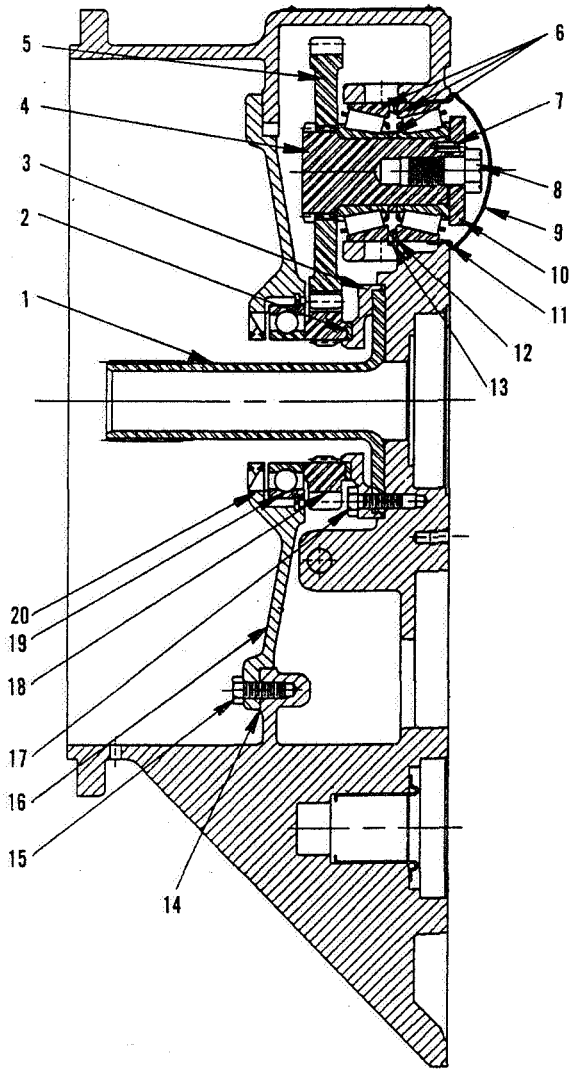




Item	Part No.	Qty.	Description Of Part
	7738-4062	1	FRONT COVER GROUP ASSY (includes all items on pages UN3-7 & UN3-8)
1	7738-4063	1	FRONT COVER ASSY
2	7738-4064	1	MALE ELBOW
3	7738-4065	1	LUBE TUBE ASSY
4	7738-4066	1	RELIEF VALVE ASSY
5	7738-4067	1	HEX HD CAPSCREW
6	7738-4068	1	HEX HD CAPSCREW
7	7738-4069	1	HEX HD CAPSCREW
8	7738-4070	3	HEX HD CAPSCREW
9	7738-4583	1	OIL PASSAGE COVER
11	7738-4072	3	HEX HD CAPSCREW
12	7738-4073	3	HEX HD CAPSCREW
13	7738-4074	1	PIPE PLUG
14	7738-4584	1	BREATHER
15	7738-4076	1	HEX HD CAPSCREW
16	7738-4077	3	BORE SLEEVE

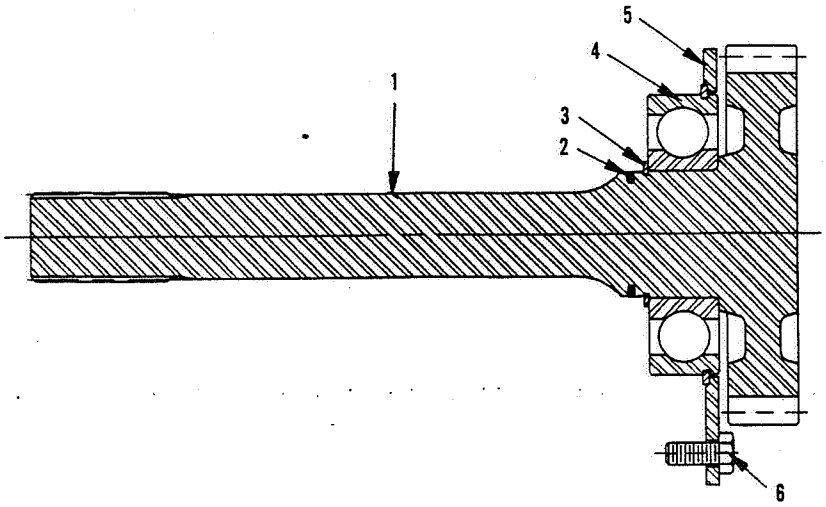
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DRIVE LINE COMPONENTS
Front Cover Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



Item	Part No.	Qty.	Description Of Part
1	7738-4582	1	STATOR SUPPORT TUBE
2	7738-4079	1	THRUST WASHER
3	9020-1080	1	COVER PLATE
4	7738-4080	1	IDLER SHAFT
5	7738-4081	1	IDLER GEAR
6	7738-4082	1	BEARING ASSY
7	7738-4083	1	SPIROL PIN
8	7738-4084	1	PLACE BOLT
9	7738-4085	1	COVER
10	7738-4086	1	WASHER
11	7738-4087	1	O RING
12	7738-4088	1	BEARING SPACER
13	7738-4089	1	SNAP RING
14	7738-4385	3	PLASTIC STRIP GASKET
15	7738-4090	7	HEX HD CAPSCREW
16	7738-4091	1	BEARING RETAINER
17	7738-4092	6	HEX HD CAPSCREW
18	7738-4093	1	IMPELLER HUB GEAR
19	7738-4094	1	BEARING
20	7738-4095	1	OIL SEAL

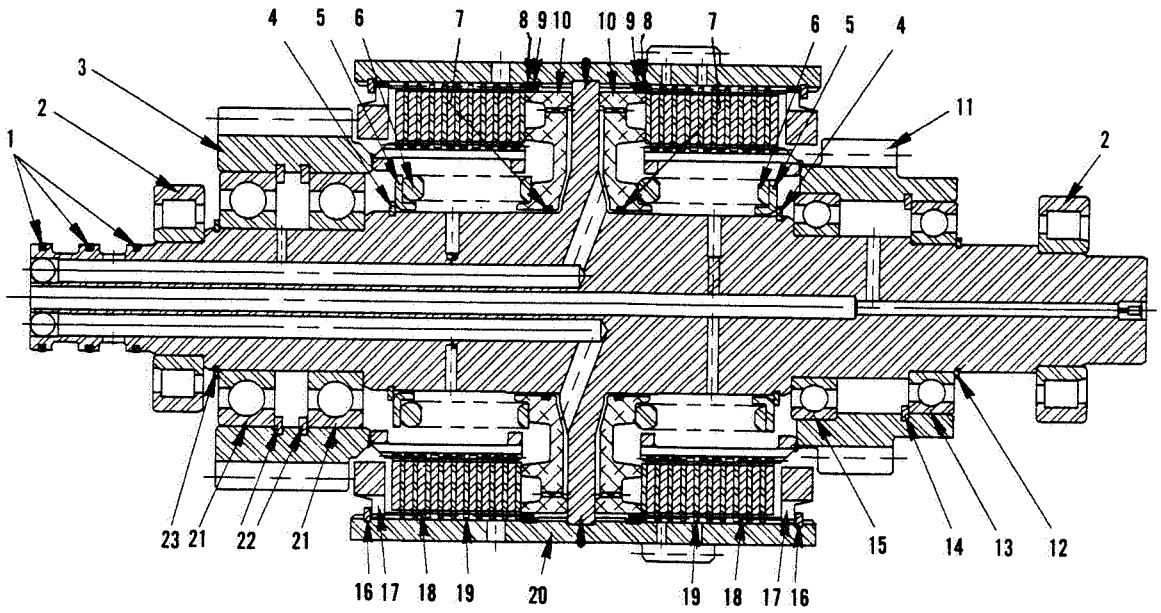
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Item	Part No.	Qty.	Description Of Part
	7738-4096	1	INPUT SHAFT GROUP ASSY (includes all items)
1	7738-4097	1	INPUT SHAFT
2	9020-1423	1	SEAL RING
3	7738-4098	1	EXTERNAL SNAP RING
4	7738-4099	1	BALL BEARING
5	7738-4100	1	BEARING RETAINER
6	7738-4101	3	HEX HD CAPSCREW

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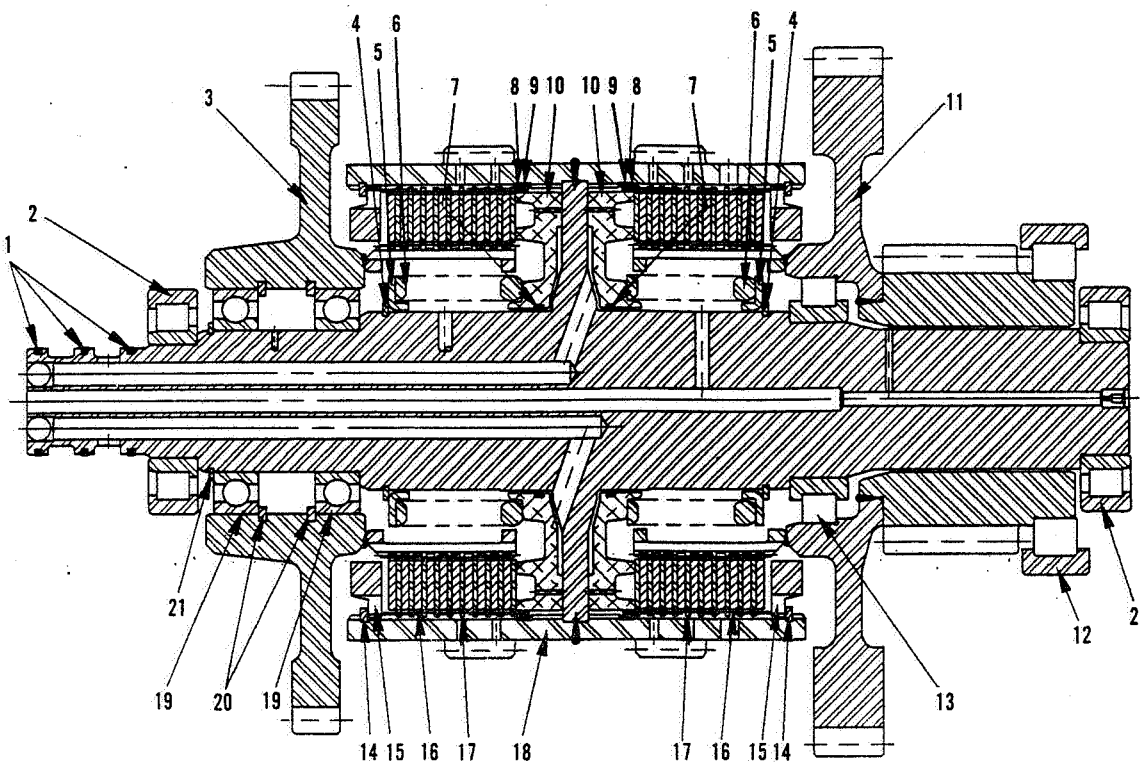
DRIVE LINE COMPONENTS
(7738-4764) First Clutch Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 12-3-93



Item	Part No.	Qty.	Description Of Part
	7738-4764	1	FIRST CLUTCH ASSY, (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4104	1	FIRST GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O-RING
8	7738-4109	2	BACK-UP RING
10	7738-4111	2	CLUTCH PISTON
11	7738-4112	1	FIRST GEAR ASSY
12	7738-4113	1	EXTERNAL SNAP RING
13	7738-4409	1	BEARING
14	7738-4114	1	SNAP RING
15	7738-4572	1	BEARING
16	7738-4116	2	SNAP RING
17	7738-4767	2	CLUTCH PLATE RETAINER
18	7738-4118	20	CLUTCH PLATE
19	7738-4766	20	CLUTCH SEPARATOR PLATE
20	7738-4765	1	FIRST CLUTCH SHAFT ASSY
21	7738-4120	2	BEARING
22	7738-4121	2	SNAP RING
23	7738-4122	1	SNAP RING

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DRIVE LINE COMPONENTS
Second Clutch Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

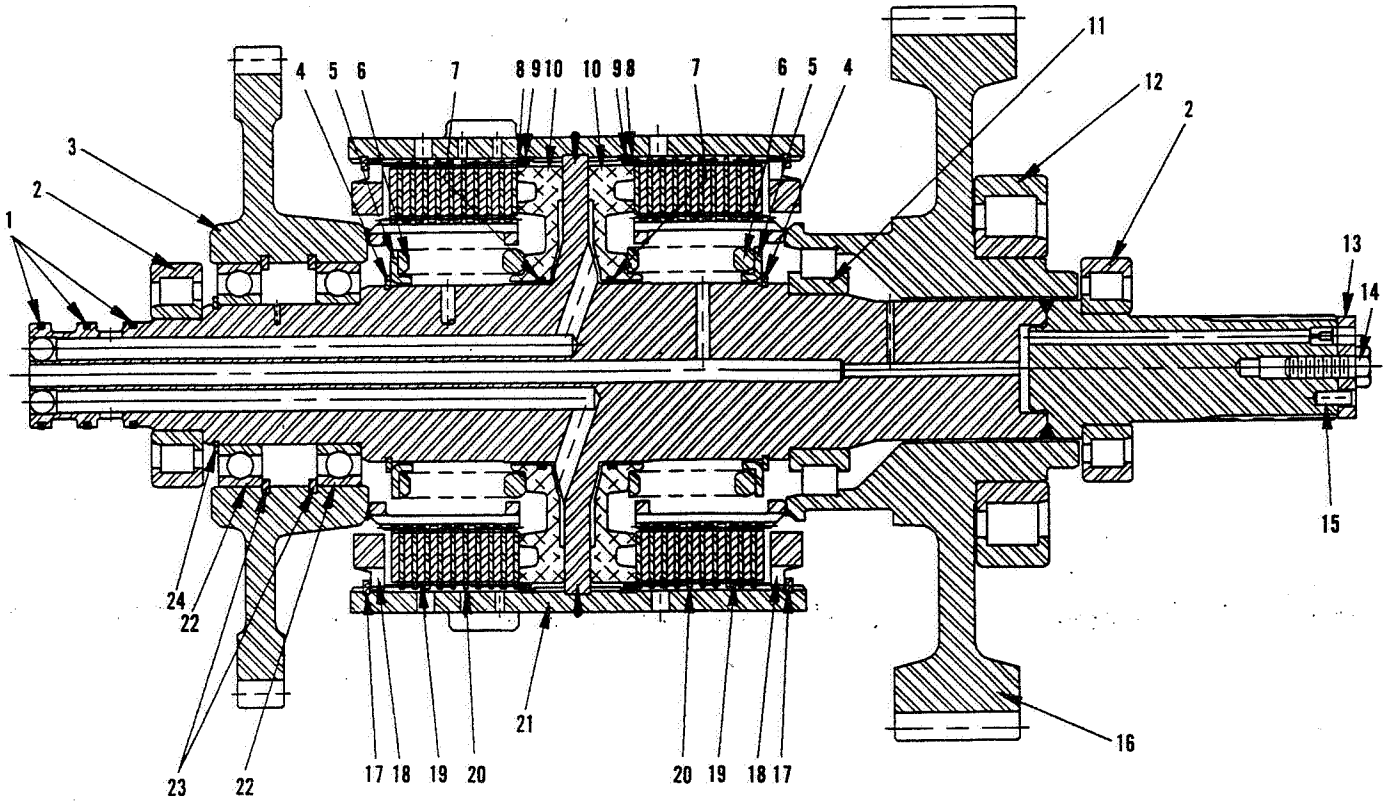


Item	Part No.	Qty.	Description Of Part
	7738-4123	1	SECOND CLUTCH ASSY (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4124	1	SECOND GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O RING
8	7738-4109	2	BACK UP RING
9	7738-4110	2	LIP SEAL RING
10	7738-4111	2	CLUTCH PISTON

Item	Part No.	Qty.	Description Of Part
11	7738-4125	1	SECOND GEAR ASSY
12	7738-4576	1	ROLLER BEARING
13	7738-4127	1	BEARING
14	7738-4116	2	SNAP RING
15	7738-4573	2	CLUTCH PLATE RETAINER
16	7738-4118	20	CLUTCH PLATE
17	9020-1179	20	CLUTCH SEPARATOR PLATE
18	7738-4128	1	SECOND CLUTCH SHAFT ASSY
19	7738-4115	2	BEARING
20	7738-4129	2	SNAP RING
21	7738-4122	1	SNAP RING

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DRIVE LINE COMPONENTS
Third Clutch Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

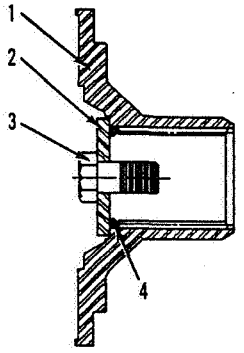


Item	Part No.	Qty.	Description Of Part
	7738-4130	1	THIRD CLUTCH ASSY (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4131	1	THIRD GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O RING
8	7738-4109	2	BACK UP RING
9	7738-4110	2	LIP SEAL RING
10	7738-4111	2	CLUTCH PISTON
11	7738-4127	1	BEARING

Item	Part No.	Qty.	Description Of Part
12	7738-4132	1	BEARING
13	7738-4133	1	WASHER
14	7738-4092	1	HEX HD CAPSCREW
15	7738-4134	1	ROLL PIN
16	7738-4135	1	THIRD GEAR ASSY
17	7738-4116	2	SNAP RING
18	7738-4573	2	CLUTCH PLATE RETAINER
19	7738-4118	20	CLUTCH PLATE
20	9020-1179	20	CLUTCH SEPARATOR PLATE
21	7738-4136	1	THIRD STAGE SHAFT ASSY
22	7738-4115	2	BEARING
23	7738-4129	2	SNAP RING
24	7738-4122	1	SNAP RING

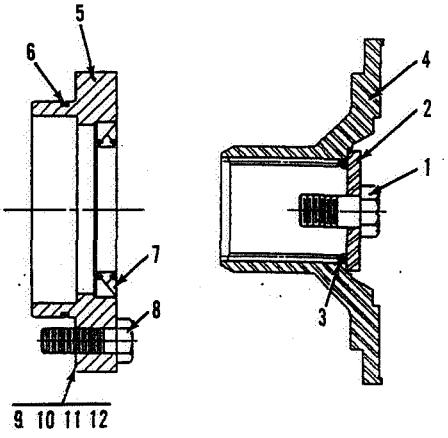
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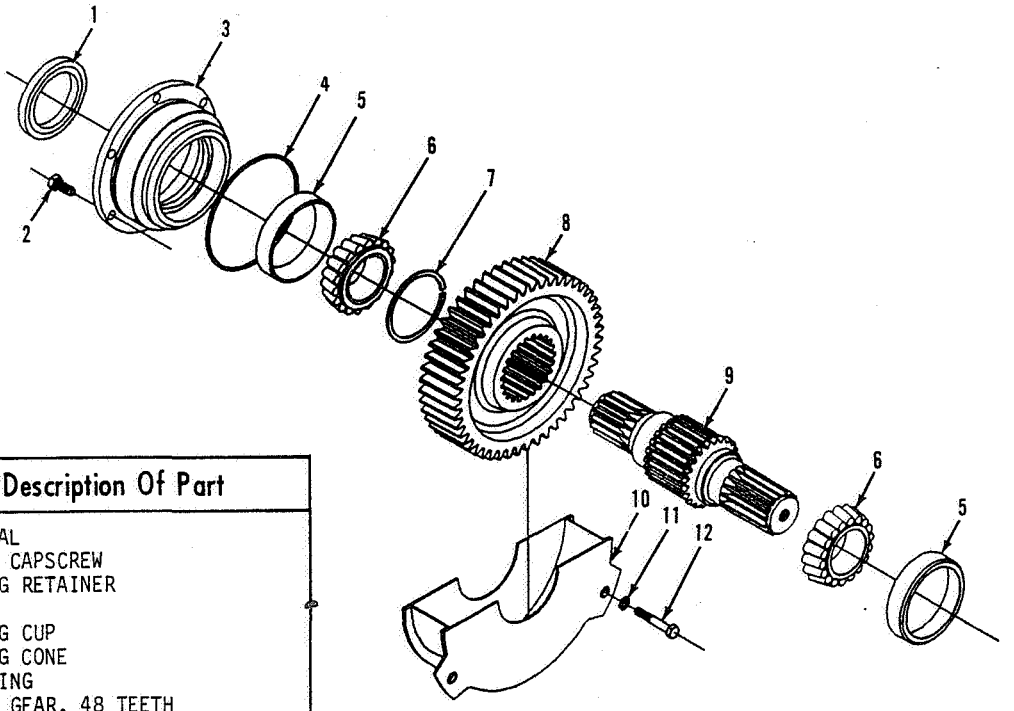
DRIVE LINE COMPONENTS
Output Shaft Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



Item	Part No.	Qty.	Description Of Part
1	7738-4139	1	COMPANION FLANGE
2	7738-4137	1	YOKE WASHER
3	7738-4569	1	HEX HD CAPSCREW
4	7738-4138	1	O RING

Item	Part No.	Qty.	Description Of Part
	7738-4568	1	COMPANION FLANGE GROUP ASSY (includes items 1 thru 4)
1	7738-4569	1	HEX HD CAPSCREW
2	7738-4137	1	YOKE WASHER
3	7738-4138	1	O RING
4	7738-4150	1	COMPANION FLANGE
5	7738-4149	1	BEARING RETAINER
6	7738-4148	1	O RING
7	9040-1487	1	OIL SEAL
8	7738-4070	4	HEX HD CAPSCREW
9	7738-4153	1	SHIM PACK (includes items 10 thru 12)
10	7738-4154	3	SHIM (.020 THICK)
11	7738-4155	3	SHIM (.005 THICK)
12	7738-4156	4	SHIM (.007 THICK)

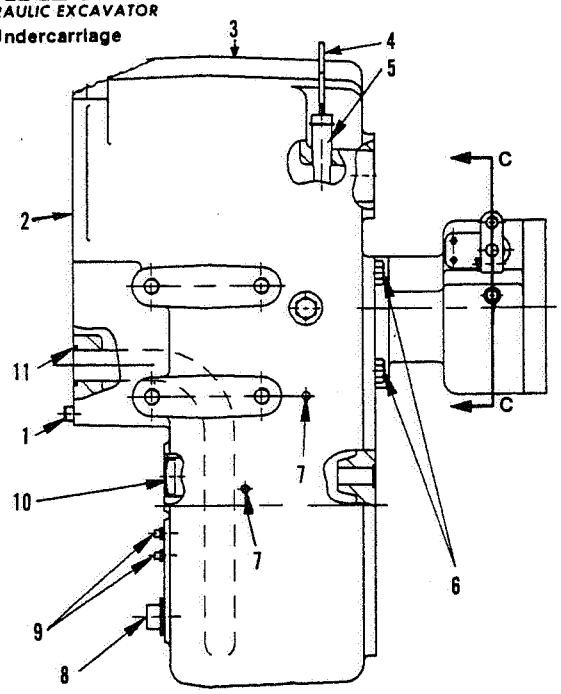


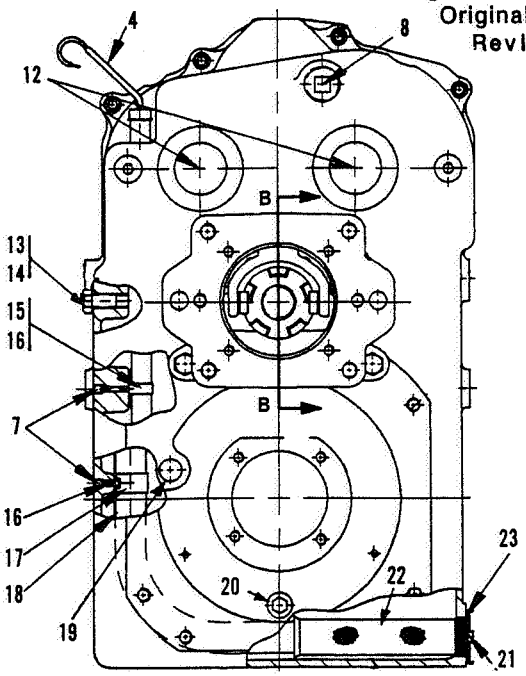


Item	Part No.	Qty.	Description Of Part
1	9040-1487	1	OIL SEAL
2	7738-4090	6	HEX HD CAPSCREW
3	7738-4141	1	BEARING RETAINER
4	7738-4142	1	O RING
5	7738-4143	2	BEARING CUP
6	7738-4144	2	BEARING CONE
7	7738-4147	1	SNAP RING
8	7738-4146	1	OUTPUT GEAR, 48 TEETH
9	7738-4145	1	OUTPUT SHAFT
10	7738-4152	1	BAFFLE ASSY
11	7738-4032	2	SEAL WASHER
12	7738-4151	2	HEX HD CAPSCREW

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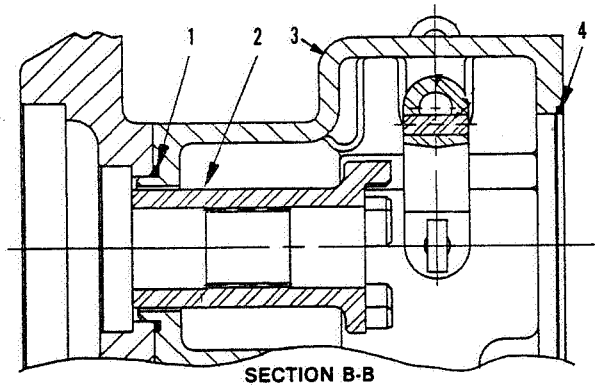
DRIVE LINE COMPONENTS
Main Case Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



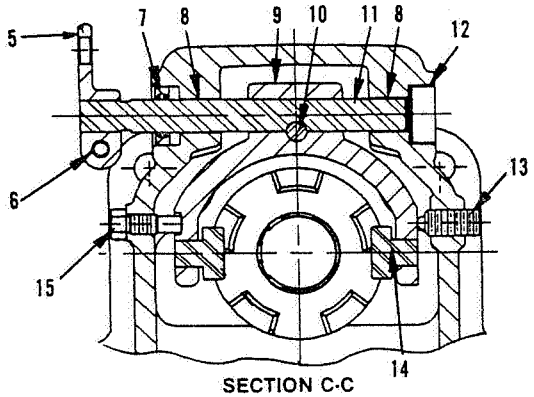


Item	Part No.	Qty.	Description Of Part
1	7738-4171	2	LOCATING BUSHING
2	7738-4574	1	GASKET
3	7738-4173	1	MAIN CASE
4	7738-4174	1	DIPSTICK
5	7738-4175	1	DIPSTICK TUBE
6	7738-4176	4	HEX HD CAPSCREW
7	9020-1239	2	BALL
8	7738-4177	2	PIPE PLUG
9	8697-4053	2	PIPE PLUG
10	7738-4179	1	EXPANSION PLUG
11	7738-4180	1	O RING
12	7738-4181	2	EXPANSION PLUG
13	7738-4182	1	HEX HD CAPSCREW

Item	Part No.	Qty.	Description Of Part
14	7738-4183	1	LOCK WASHER
15	7738-4184	1	DIPSTICK CLAMP
16	7738-4185	2	HEX HD CAPSCREW
17	7738-4186	1	TUBE CLAMP
18	7738-4187	1	SUCTION TUBE
19	7738-4188	1	EXPANSION PLUG
20	7738-4189	1	PIPE PLUG
21	7738-4190	1	SUCTION SCREEN GROUP (includes item 22 & 23)
22	7738-4191	1	SUCTION SCREEN
23	7738-4192	1	GASKET



SECTION B-B



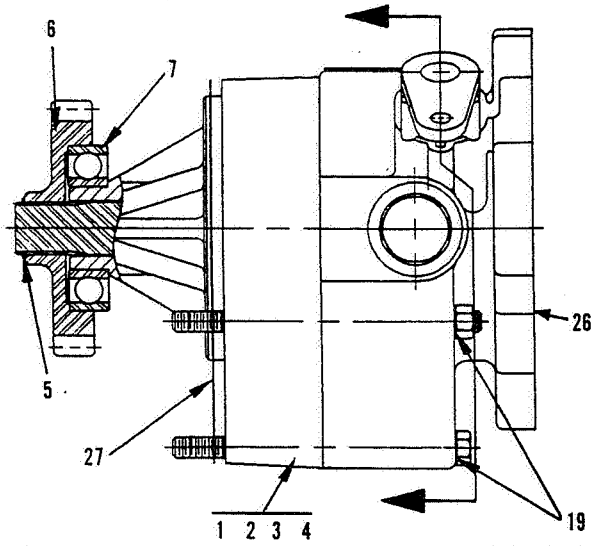
SECTION C-C

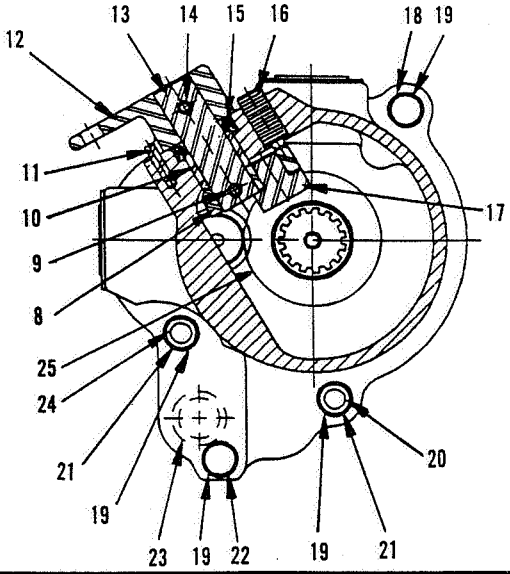
Item	Part No.	Qty.	Description Of Part
1	7738-4157	1	O RING
2	7738-4158	1	SHAFT ADAPTER
3	7738-4159	1	INPUT HOUSING
4	7738-4160	1	O RING
5	7738-4161	1	SHIFTER ARM
6		Ref	HEX HD CAPSCREW (see page UN 3-19 for details)
7	9020-1236	1	OIL SEAL
8	7738-4162	2	BUSHING

Item	Part No.	Qty.	Description Of Part
9	7738-4163	1	SHIFT FORK
10	7738-4164	1	DOWEL PIN
11	7738-4165	1	SHIFTER SHAFT
12	7738-4166	1	CUP PLUG
13	7738-4167	1	SPRING PLUNGER
14	7738-4168	2	DISCONNECT FORK
15	7738-4575	1	FORK STOP BOLT

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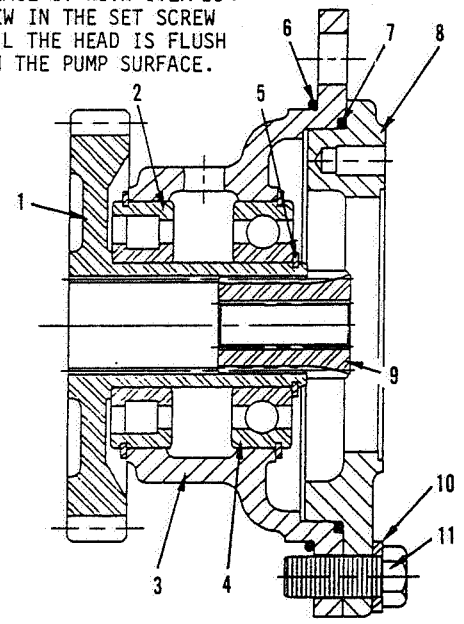
DRIVE LINE COMPONENTS
Charge Pump Assembly
Power Steering Pump Adapter Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89





Item	Part No.	Qty.	Description Of Part
	7738-4193	1	CHARGE PUMP ASSY (includes items 1 thru 16)
1	7738-4194	1	CHARGE PUMP ASSY (includes items 2,3,4)
2	7738-4526	1	DRIVE GEAR & SHAFT SET
3	7738-4527	1	O RING
4	7738-4528	1	RETAINER RING
5	7738-4195	1	SNAP RING
6	7738-4196	1	GEAR
7	7738-4197	1	BEARING

NOTE: WHEN REPLACING THE CHARGE PUMP ASSEMBLY BE CERTAIN TO REMOVE THE "SPRING LOADED PLUNGER", FURNISHED IN THE ASSEMBLY, AND REPLACE IT WITH ITEM 16. SCREW IN THE SET SCREW UNTIL THE HEAD IS FLUSH WITH THE PUMP SURFACE.

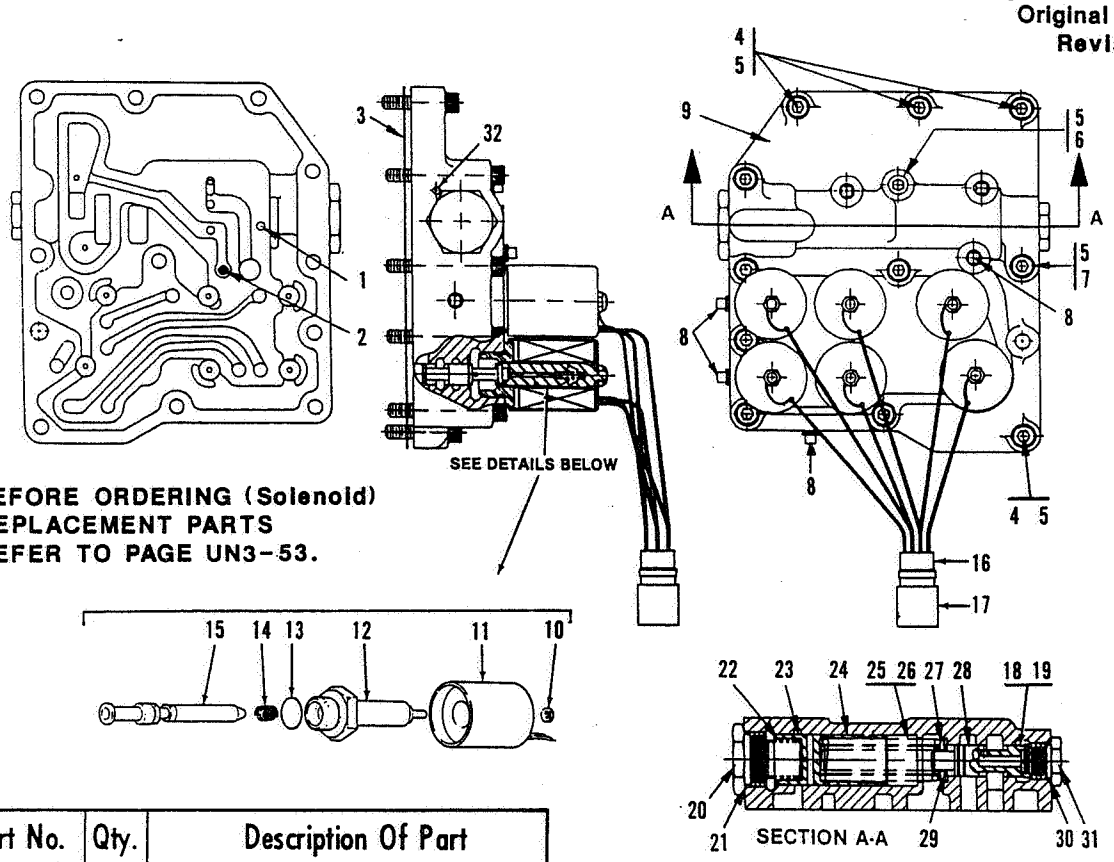


Item	Part No.	Qty.	Description Of Part
8	7738-4198	1	DETENT SHIFT BLOCK
9	7738-4199	1	ROLL PIN
10	7738-4200	1	BEARING
11	7738-4201	1	ROLL PIN
12	7738-4202	1	SHIFT ARM
13	7738-4203	1	DISCONNECT SHAFT
14	7738-4204	1	ROLL PIN
15	7738-4206	1	OIL SEAL
16	8822-1276	1	SOCKET SET SCREW (FLAT POINT) 1/2-13x1/2 (See Note)
17	7738-4168	1	DISCONNECT FORK
18	7738-4205	1	HEX HD CAPSCREW
19	7738-4207	4	STAR WASHER
20	7738-4208	1	STUD
21	7738-4209	2	HEX NUT
22	7738-4210	1	HEX HD CAPSCREW
23	7738-4211	1	O RING
24	7738-4212	1	STUD
25	7738-4213	1	DISCONNECT SLEEVE
26	9020-1159	1	O RING
27	7738-4579	1	GASKET

Item	Part No.	Qty.	Description Of Part
	7738-4374	1	PUMP ADAPTER GROUP (includes all items)
	7738-4375	1	ADAPTER ASSY (includes items 1 thru 5)
1	7738-4376	1	AUXILIARY PUMP GEAR
2	7738-4377	1	ROLLER BEARING
3	7738-4378	1	PUMP ADAPTER
4	9020-1157	1	BALL BEARING
5	7738-4380	1	SNAP RING
6	9020-1160	1	O RING
7	7738-4160	1	O RING
8	7738-4381	1	PLATE ADAPTER
9	7738-4382	1	ADAPTER SLEEVE
10	8697-4063	4	LOCK WASHER
11	7738-4070	4	HEX HD CAPSCREW

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DRIVE LINE COMPONENTS
Control Valve Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-91



BEFORE ORDERING (Solenoid) REPLACEMENT PARTS REFER TO PAGE UN3-53.

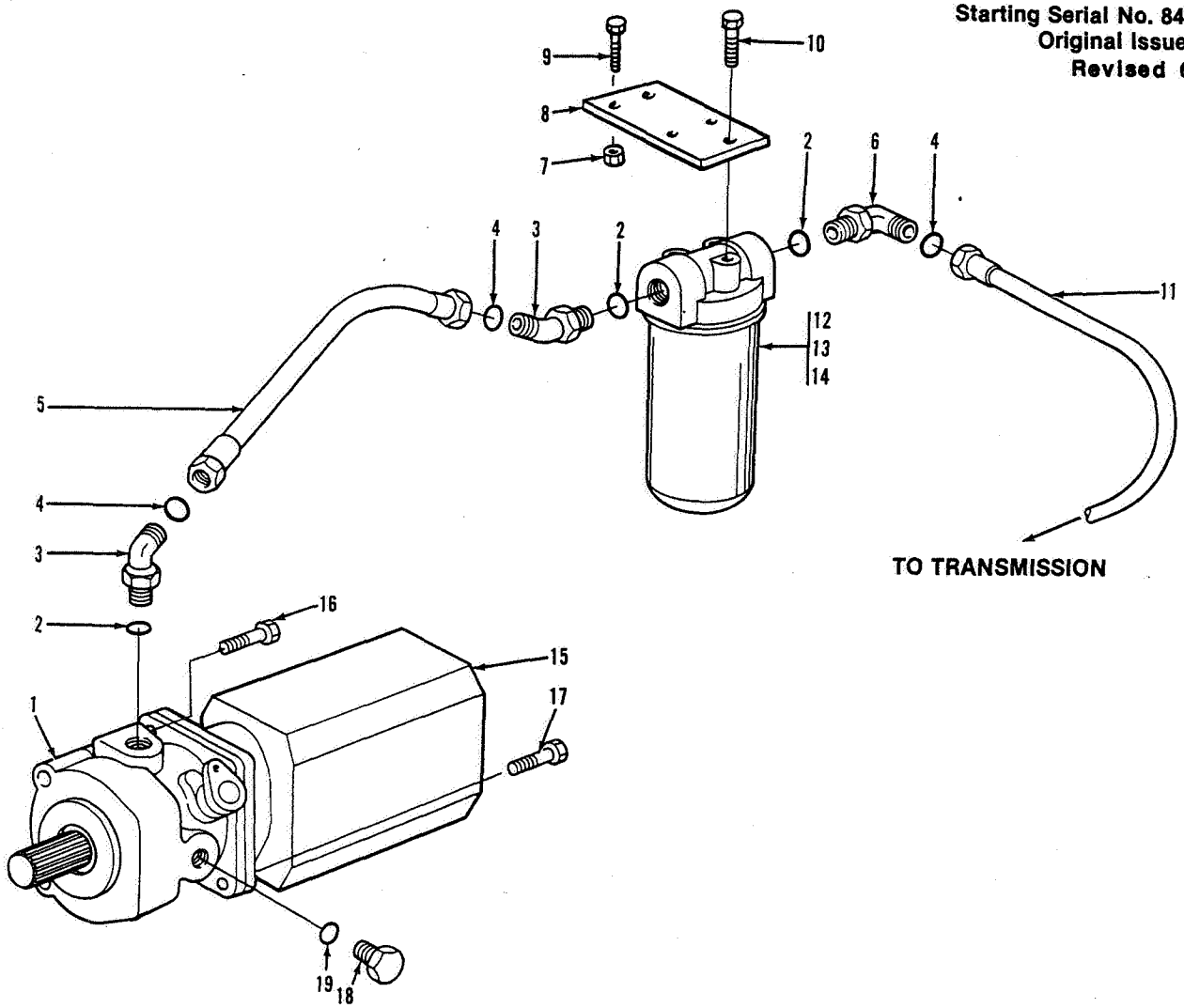
Item	Part No.	Qty.	Description Of Part
	7738-4423	1	CONTROL VALVE ASSY, W/TWO WIRE COIL, 1/4-20 THREADED STOP NUT, 1/4-20 THREADED CORE AND COIL & PIN WITH 0.28 DIAMETER HOLE. (includes all items except where noted)
	7738-4551	1	CONTROL VALVE ASSY, W/TWO WIRE COIL, 7/16-20 THREADED STOP NUT, 7/16-20 THREADED CORE AND COIL & PIN WITH 0.47 DIAMETER HOLE. (includes all items except where noted)
	7738-4552	1	SOLENOID KIT (USE WITH 7738-4551 CONTROL VALVE)(includes items 10 thru 15)
1	7738-4214	1	DOWEL PIN
2	7738-4215	1	ORIFICE PLUG
3	7738-4216	1	GASKET
4	7738-4312	4	SOCKET HD CAPSCREW
5	7738-4218	12	FLAT WASHER
6	7738-4410	1	SOCKET HD CAPSCREW
7	7738-4313	7	SOCKET HD CAPSCREW
8	7738-4222	6	PIPE PLUG (USE WITH 7738-4423 CONTROL VALVE)
	7738-4553	6	PIPE PLUG (USE WITH 7738-4551 CONTROL VALVE)
9	7738-4220	1	BODY
10		6	STOP NUT
11	7738-3600	6	COIL & PIN ASSY (2 WIRE COIL WITH 0.47 DIAMETER HOLE)(SEE NOTE)
12		6	CORE ASSY
13		6	O RING
14		6	SOLENOID SPRING
15		6	SOLENOID PLUNGER ASSY

Item	Part No.	Qty.	Description Of Part
16	7738-4229	1	PLUG
17	7738-4557	1	CONNECTOR KIT
18	7738-4558	1	ORIFICE PLATE (USE WITH 7738-4551 CONTROL VALVE ONLY)
19	7738-4559	1	SNAP RING (USE WITH 7738-4551 CONTROL VALVE ONLY)
20	7738-4245	1	DUMP VALVE PLUG
21	7738-4246	1	O RING
22	7738-4244	1	DUMP VALVE SPRING
23	9020-1223	1	DUMP VALVE
24	7738-4243	1	ACCUMULATOR PISTON
25	7738-4314	1	REGULATOR SPRING, OUTER
26	7738-4315	1	REGULATOR SPRING, INNER
27	7738-4241	1	WASHER
28	7738-4239	1	SPOOL ASSY (USE WITH 7738-4423 CONTROL VALVE)
	7738-4560	1	SPOOL ASSY (USE WITH 7738-4551 CONTROL VALVE)
29	7738-4240	1	SPRING SHIM
30	9020-1230	1	O RING
31	7738-4238	1	PLUG
32	7738-4561	1	BALL
			NOTE: USE P/N 7738-3565 TWO WIRE COIL & PIN WITH 0.28 DIAMETER HOLE, TO SERVICE COILS ON CONTROL VALVE ASSEMBLY P/N 7738-4423

NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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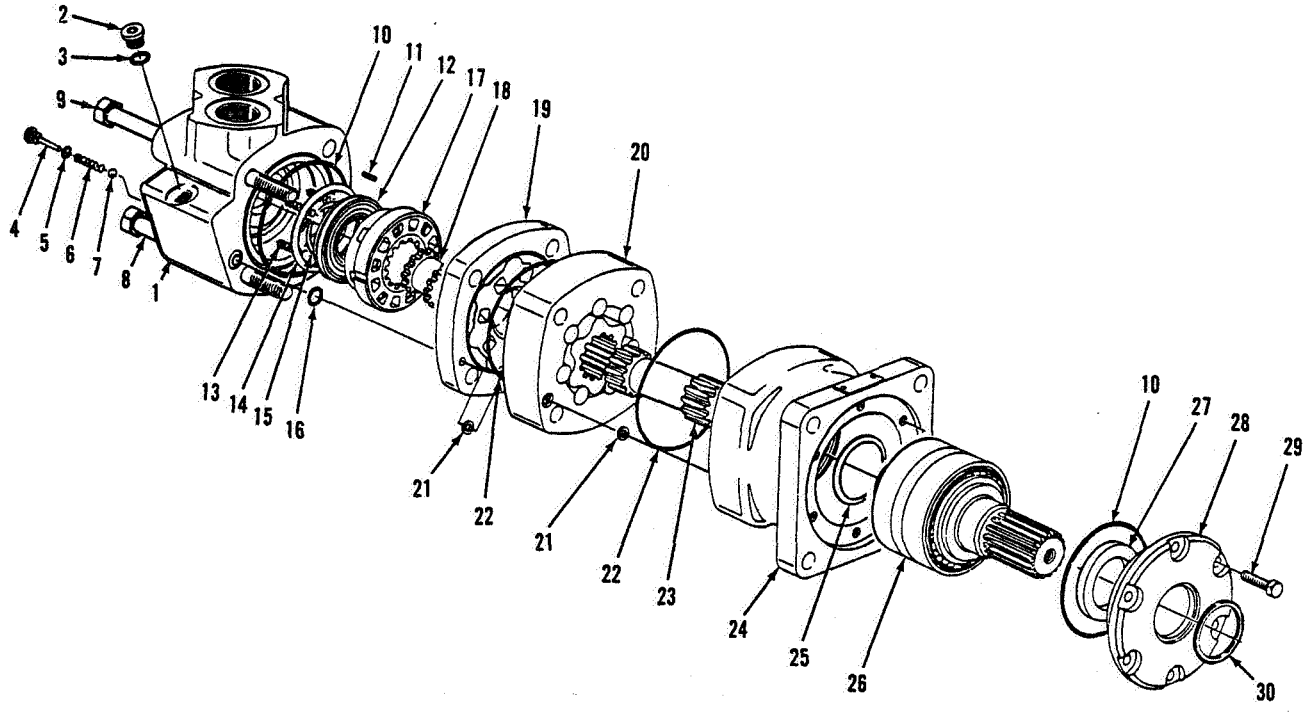
DRIVE LINE COMPONENTS
Transmission Oil Filter & Hoses
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-88



Item	Part No.	Qty.	Description Of Part
1		Ref	CHARGE PUMP ASSY (see page UN 3-15 for details)
2	8859-1209	3	O RING
3	8866-2333	2	ELBOW, 90 DEGREES
4	8859-1509	4	O RING
5	8471-7402	1	HOSE ASSY
6	8866-2089	1	ELBOW, 45 DEGREES(includes item 2)
7	8852-1306	2	HEX LOCKNUT, 3/8-16
8	7738-1319	1	MOUNTING BRACKET
9	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
10	8820-1018	3	HEX HD CAPSCREW, 5/16-18X3/4, GR5
11	8471-6195	1	HOSE ASSY
12	7738-3156	1	FILTER ASSY (includes items 13, 14)
13	7738-3309	1	FILTER BASE
14	9020-1617	1	FILTER ELEMENT
15		Ref	MAIN HYDRAULIC PUMP ASSY (see page UN 3-21 for details)
16	8820-1067	2	HEX HD CAPSCREW,1/2-13X1-1/2,GR 5
17	8820-1066	2	HEX HD CAPSCREW,1/2-13X1-1/4,GR 5
18	8866-2179	1	HEX HD PLUG (includes item 19)
19	8859-1209	1	O RING

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DRIVE LINE COMPONENTS
Propelling Hydraulic Motor Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

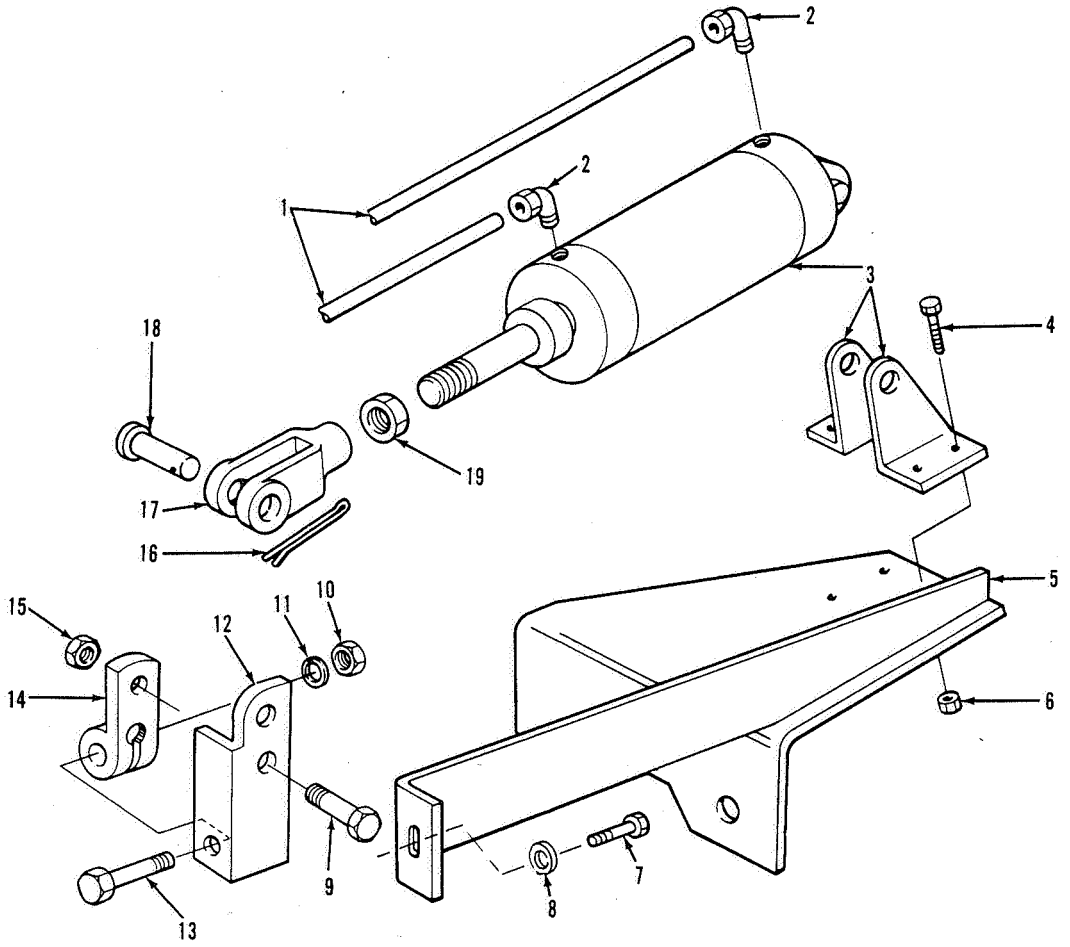


Item	Part No.	Qty.	Description Of Part
	7736-3007	1	HYDRAULIC MOTOR ASSY (includes all items)
	7736-4001	1	MOTOR SEAL KIT (includes items 3, 5, 10, 14, 15, 16, 21, 22)
	7736-4002	1	SHAFT SEAL KIT (includes items 10, 25, 27, 30)
1	7736-4003	1	VALVE HOUSING ASSY (includes items 2 thru 7)
2	7736-4004	1	PLUG ASSY (includes item 3)
3	7736-4005	1	O RING
4	7736-4006	2	CHECK PLUG ASSY (includes item 5)
5	7736-4007	2	O RING
6	7736-4008	2	SPRING
7	7736-4009	2	STEEL BALL
8	7736-4010	2	HEX HD CAPSCREW, 6.30 INCHES LONG
9	7736-4011	2	HEX HD CAPSCREW, 7.65 INCHES LONG
10	7736-4012	2	SEAL
11	7736-4013	1	BALANCE RING PIN
12	7736-4014	1	BALANCE RING

Item	Part No.	Qty.	Description Of Part
13	7736-4015	3	SPRING
14	7736-4016	1	OUTER FACE SEAL
15	7736-4017	1	INNER FACE SEAL
16	7736-4018	1	SEAL
17	7736-4019	1	VALVE
18	7736-4020	1	VALVE DRIVE
19	7736-4021	1	VALVE PLATE
20	7736-4022	1	GEROLER
21	7736-4023	2	SEAL
22	7736-4024	2	SEAL
23	7736-4025	1	DRIVE
24	7736-4026	1	BEARING HOUSING
25	7736-4027	1	SHAFT FACE SEAL
26	7736-4028	1	SPLINED SHAFT & BEARING KIT
27	7736-4029	1	SHAFT SEAL
28	7736-4030	1	FRONT RETAINER
29	7736-4031	6	HEX HD CAPSCREW
30	7736-4032	1	DUST SEAL

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DRIVE LINE COMPONENTS
Propelling Motor Disconnect Linkage & Shift Cylinder
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85

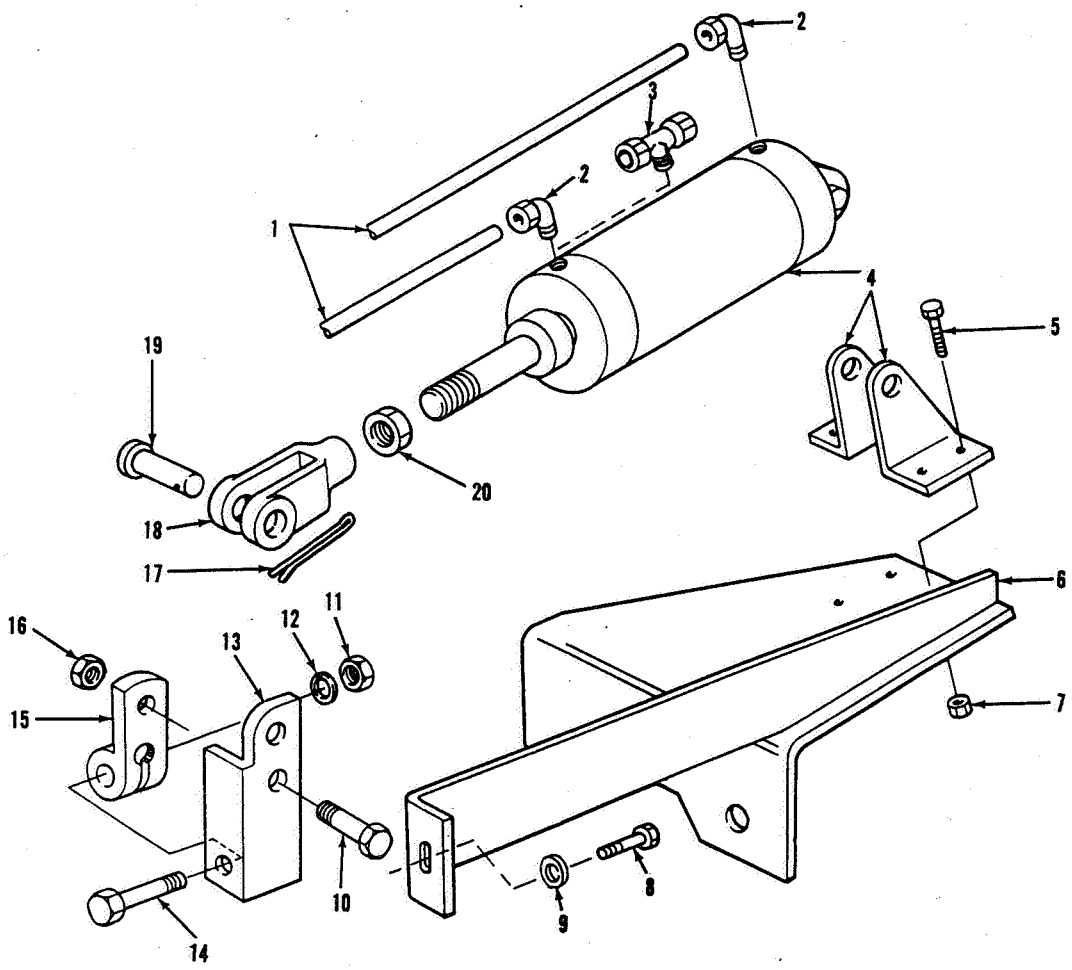


Item	Part No.	Qty.	Description Of Part
1		AR	NYLON TUBE, 3/8 O.D.
2	8688-3074	2	ELBOW, 90 DEGREES, 1/8X3/8 TUBE
3	7738-3132	1	AIR CYLINDER & BRACKETS ASSY
4	8820-1003	4	HEX HD CAPSCREW, 1/4-20X3/4, GR5
5	7738-6044	1	SHIFTER BRACKET
6	8852-1304	4	HEX LOCKNUT, 1/4-20
7	8820-1063	1	HEX HD CAPSCREW, 1/2-20X3/4, GR5
8	8856-1006	1	FLAT WASHER, 1/2
9	8820-1065	1	HEX HD CAPSCREW, 1/2-13X1, GR 5
10	8850-1105	1	HEX NUT, 5/16-18
11	8856-1108	1	FLAT WASHER, 5/16
12	7738-1344	1	SHIFT LEVER EXTENSION
13	8820-1022	1	HEX HD CAPSCREW, 5/16-18X1-1/2 GR 5
14		1	SHIFTER ARM (see page UN 3-14 for details)
15	8852-1008	1	HEX LOCKNUT, 1/2-13
16	8863-1309	1	COTTER PIN, 3/32X3/4
17	8882-1005	1	ADJUSTABLE YOKE, 7/16-20
18	8863-3004	1	YOKE PIN, 7/16
19	8850-1407	1	HEX JAM NUT, 7/16-20

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DRIVE LINE COMPONENTS
Propelling Motor Disconnect Linkage & Shift Cylinder

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89
Revised 3-90

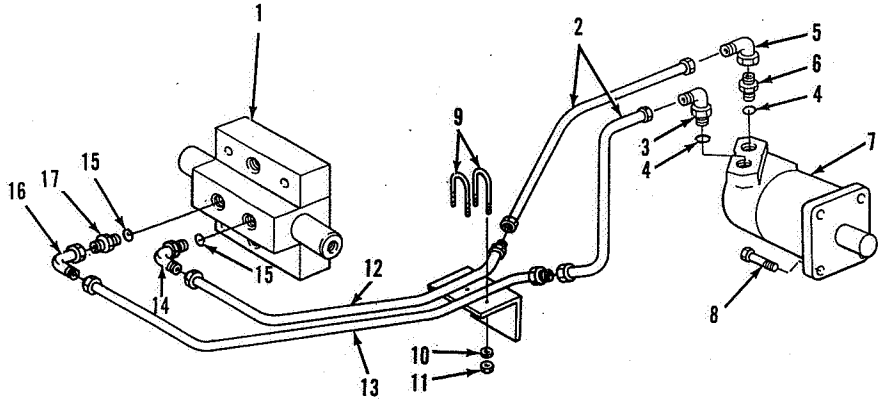


Item	Part No.	Qty.	Description Of Part
1	No Number	AR	NYLON TUBE, 3/8 O.D.
2	8688-3074	2	ELBOW, 90 DEGREES, 1/8x3/8 TUBE (used on 4x4 machines)
	8688-3074	1	ELBOW, 90 DEGREES, 1/8x3/8 TUBE (used on 4x2 machines)
3	8688-3171	1	TEE, 1/8x3/8x3/8 TUBE (used on 4x2 machines)
4	7738-3132	1	AIR CYLINDER & BRACKETS ASSY
5	8820-1003	4	HEX HD CAPSCREW, 1/4-20x3/4 GR5
6	7738-6044	1	SHIFTER BRACKET
7	8852-1304	4	HEX LOCKNUT, 1/4-20
8	8820-1063	1	HEX HD CAPSCREW, 1/2-20x3/4 GR5
9	8856-1006	1	FLAT WASHER, 1/2

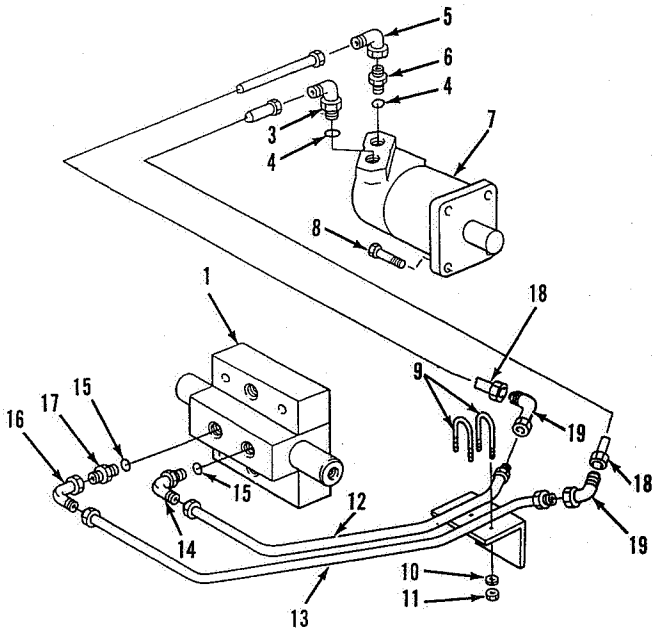
Item	Part No.	Qty.	Description Of Part
10	8820-1065	1	HEX HD CAPSCREW, 1/2-13x1, GR5
11	8850-1105	1	HEX NUT, 5/16-18
12	8856-1108	1	FLAT WASHER, 5/16
13	7738-1344	1	SHIFT LEVER EXTENSION
14	8820-1022	1	HEX HD CAPSCREW, 5/16-18x1-1/2 GR5
15	7738-4161	1	SHIFTER ARM (see page UN3-14 or UN3-41 for details)
16	8852-1008	1	HEX LOCKNUT, 1/2-13
17	8863-1309	1	COTTER PIN, 3/32x3/4
18	8882-1005	1	ADJUSTABLE YOKE, 7/16-20
19	8863-3004	1	YOKE PIN, 7/16
20	8850-1407	1	HEX JAM NUT, 7/16-20

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DRIVE LINE COMPONENTS
Propelling Control Valve Hydraulic Circuit to Propelling Motor
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 4-87
Revised 9-87



4X2 INSTALLATION

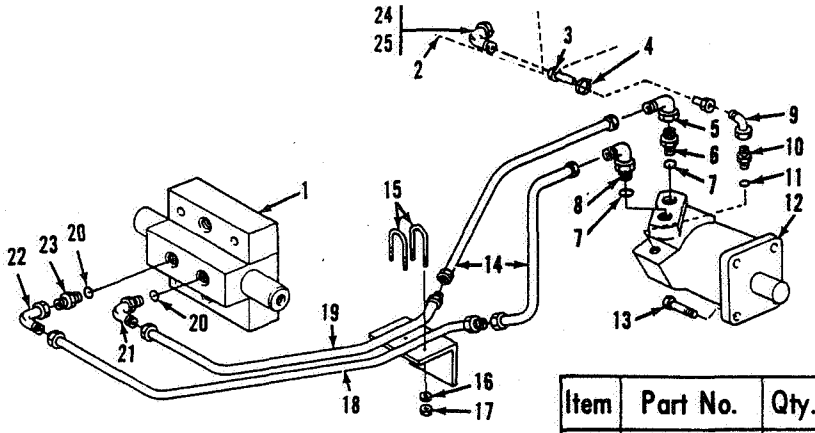


4X4 INSTALLATION

Item	Part No.	Qty.	Description Of Part
1		Ref	PROPELLING CONTROL VALVE ASSY (see page UN3-24 for details)
2	8471-6180	2	HOSE ASSY
3	8866-2061	1	ELBOW, 90 DEGREES (includes item 4)
4	8859-1209	2	O-RING
5	8861-2108	1	ELBOW, 90 DEGREES (SWIVEL NUT)
6	8866-2025	1	CONNECTOR (includes item 4)
7		Ref	PROPELLING MOTOR ASSY (see page UN3-18 for details)
8	8820-1068	4	HEX HD CAPSCREW, 1/2-13X1-3/4 GR5
9	8666-1065	2	U-BOLT
10	8856-1002	4	FLAT WASHER, 1/4
11	8850-1004	4	HEX NUT, 1/4-20
12	7738-3346	1	TRAVEL TUBE
13	7738-3345	1	TRAVEL TUBE
14	8866-2067	1	ELBOW, 90 DEGREES (includes item 15)
15	8859-1207	2	O-RING
16	8325-1121	1	ADAPTER, 90 DEGREES
17	8866-2008	1	CONNECTOR (includes item 15)
18	8471-6713	2	HOSE ASSY
19	8866-2108	2	ELBOW, 90 DEGREES (SWIVEL NUT)

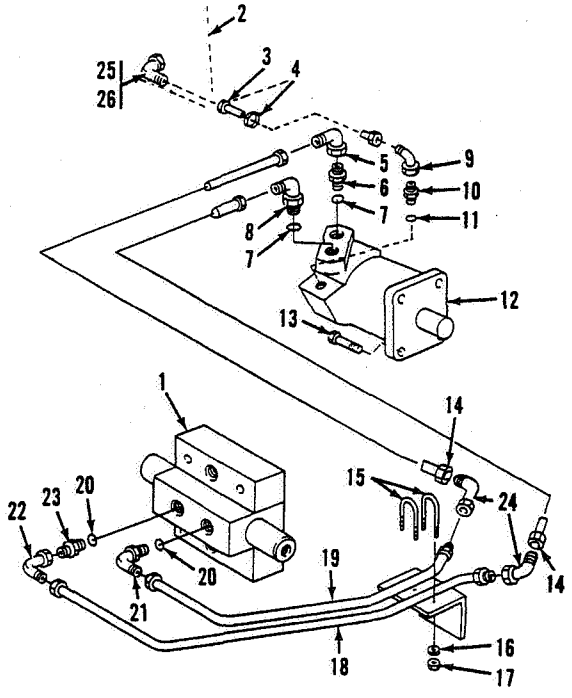
https://truckmanualshub.com/

DRIVE LINE COMPONENTS
Propelling Control Valve Hydraulic Circuit to Propelling Motor
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D147
Original Issue 12-87
Revised 10-88



4X2 INSTALLATION

Item	Part No.	Qty.	Description Of Part
1	7738-3347	1	PROPELLING CONTROL VALVE ASSY (see page UN3-24 for details)
2	7736-5009	1	RESERVOIR ASSY (see page UN2-13 for details)
3	8471-7769	1	HOSE ASSY
4	8668-3122	AR	TIE WRAP
5	8866-2108	1	ELBOW, 90 DEGREES (SWIVEL NUT)
6	8866-2025	1	CONNECTOR (includes item 7)
7	8859-1209	2	O RING
8	8866-2061	1	ELBOW, 90 DEGREES (includes item 7)
9	8866-2109	1	ELBOW, 90 DEGREES (SWIVEL NUT)
10	8366-1316	1	CONNECTOR
11	8859-1202	1	O RING
12	7736-3007	1	PROPELLING MOTOR ASSY (see page UN3-18 for details)
13	8320-1120	1	HEX HD CAPSCREW, 1/2-13x1-3/4 GR8
14	8471-6180	2	HOSE ASSY
15	8666-1065	2	U-BOLT
16	8856-1002	4	FLAT WASHER, 1/4
17	8850-1004	4	HEX NUT, 1/4-20
18	7738-3346	1	TRAVEL TUBE, PROPEL FORWARD
19	7738-3345	1	TRAVEL TUBE, PROPEL REVERSE
20	8859-1207	2	O RING
21	8866-2067	1	ELBOW, 90 DEGREES (includes item 20)
22	8325-1121	1	ADAPTER, 90 DEGREES
23	8866-2008	1	CONNECTOR (includes item 20)
24	8866-2064	1	ELBOW, 90 DEGREES (includes item 25)
25	8859-1204	1	O RING

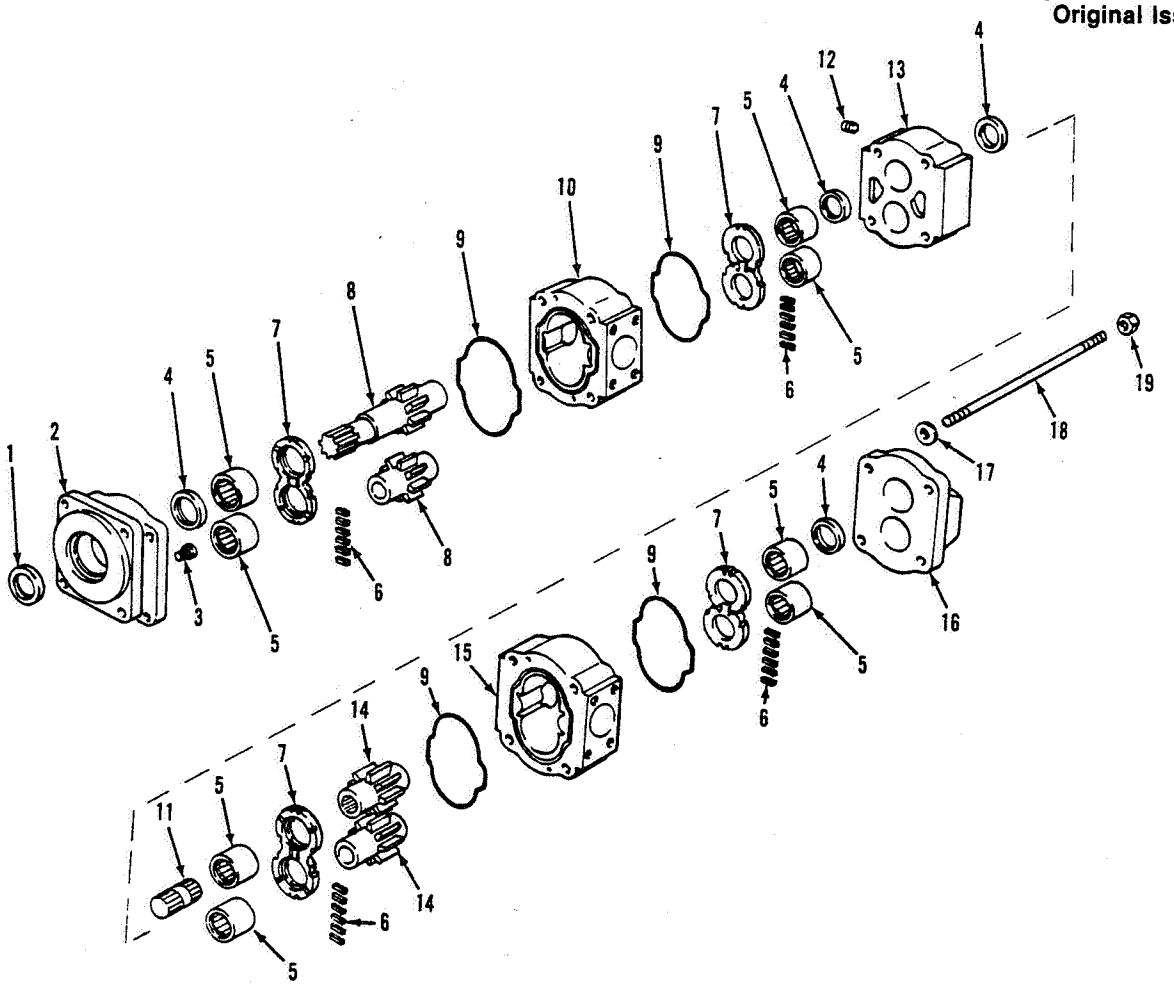


4X4 INSTALLATION

Item	Part No.	Qty.	Description Of Part
1	7738-3347	1	PROPELLING CONTROL VALVE ASSY (see page UN3-24 for details)
2	7736-5009	1	RESERVOIR ASSY (see page UN2-13 for details)
3	8471-7306	1	HOSE ASSY
4	8668-3122	AR	TIE WRAP
5	8866-2108	1	ELBOW, 90 DEGREES (SWIVEL NUT)
6	8866-2025	1	CONNECTOR (includes item 7)
7	8859-1209	2	O RING
8	8866-2061	1	ELBOW, 90 DEGREES (includes item 7)
9	8866-2109	1	ELBOW, 90 DEGREES (SWIVEL NUT)
10	8366-1316	1	CONNECTOR
11	8859-1202	1	O RING
12	7736-3007	1	PROPELLING MOTOR ASSY (see page UN3-18 for details)
13	8320-1120	4	HEX HD CAPSCREW, 1/2-13x1-3/4 GR8
14	8471-6713	2	HOSE ASSY
15	8666-1065	2	U-BOLT
16	8856-1002	4	FLAT WASHER, 1/4
17	8850-1004	4	HEX NUT, 1/4-20
18	7738-3346	1	TRAVEL TUBE, PROPEL FORWARD
19	7738-3345	1	TRAVEL TUBE, PROPEL REVERSE
20	8859-1207	2	O RING
21	8866-2067	1	ELBOW, 90 DEGREES (includes item 20)
22	8325-1121	1	ADAPTER, 90 DEGREES
23	8866-2008	1	CONNECTOR (includes item 20)
24	8866-2108	2	ELBOW, 90 DEGREES (SWIVEL NUT)
25	8866-2064	1	ELBOW, 90 DEGREES (includes item 26)
26	8859-1204	1	O RING

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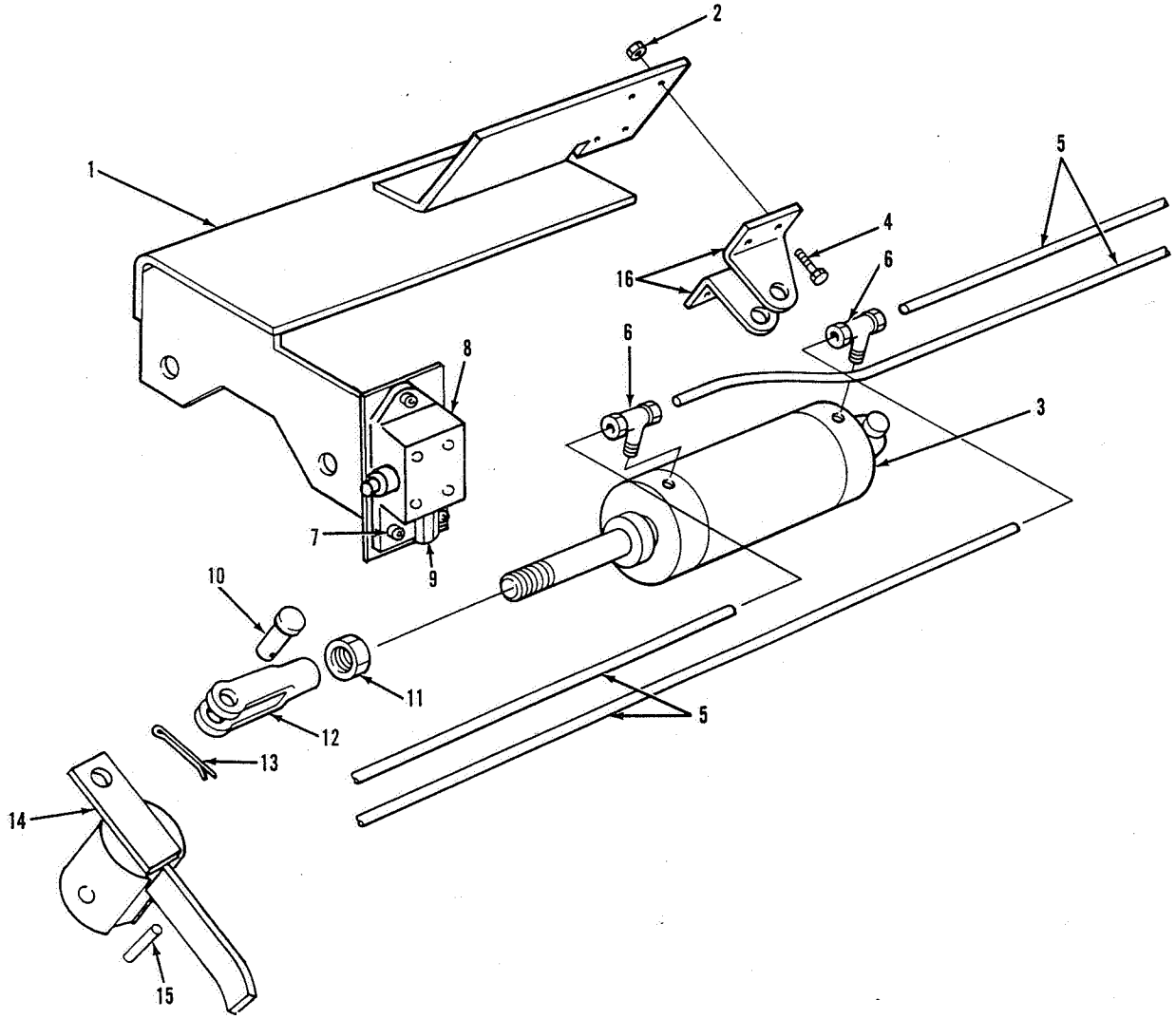
DRIVE LINE COMPONENTS
Main Hydraulic Pump Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
	7736-3005	1	HYDRAULIC PUMP ASSY (includes all items)
	7736-4128	1	SEAL KIT (includes items 1, 4, 6, 9)
1	8667-1366	1	LIP SEAL (install lip seal flush with face of recess)
2	8667-1066	1	SHAFT END COVER
3	8592-1089	1	PLUG
4	8664-1047	4	RING SEAL (install ring seals with slot facing gear)
5	8664-1046	8	ROLLER BEARING
6	8564-1240	2	SEAL STRIP
7	8664-1044	4	THRUST PLATE
8	7736-4129	1	GEAR SET
9	8664-1043	4	GASKET SEAL
10	7736-4130	1	GEAR HOUSING
11	8667-1057	1	CONNECTING SHAFT
12	7713-4037	1	PLUG (lubricate and torque to 240 inch lbs.)
13	8667-1060	1	BEARING CARRIER
14	8667-1061	1	GEAR SET
15	7736-4131	1	GEAR HOUSING
16	8664-1048	1	PORT END COVER
17	8594-1043	4	FLAT WASHER
18	8367-4008	4	STUD
19	8594-1045	4	HEX NUT

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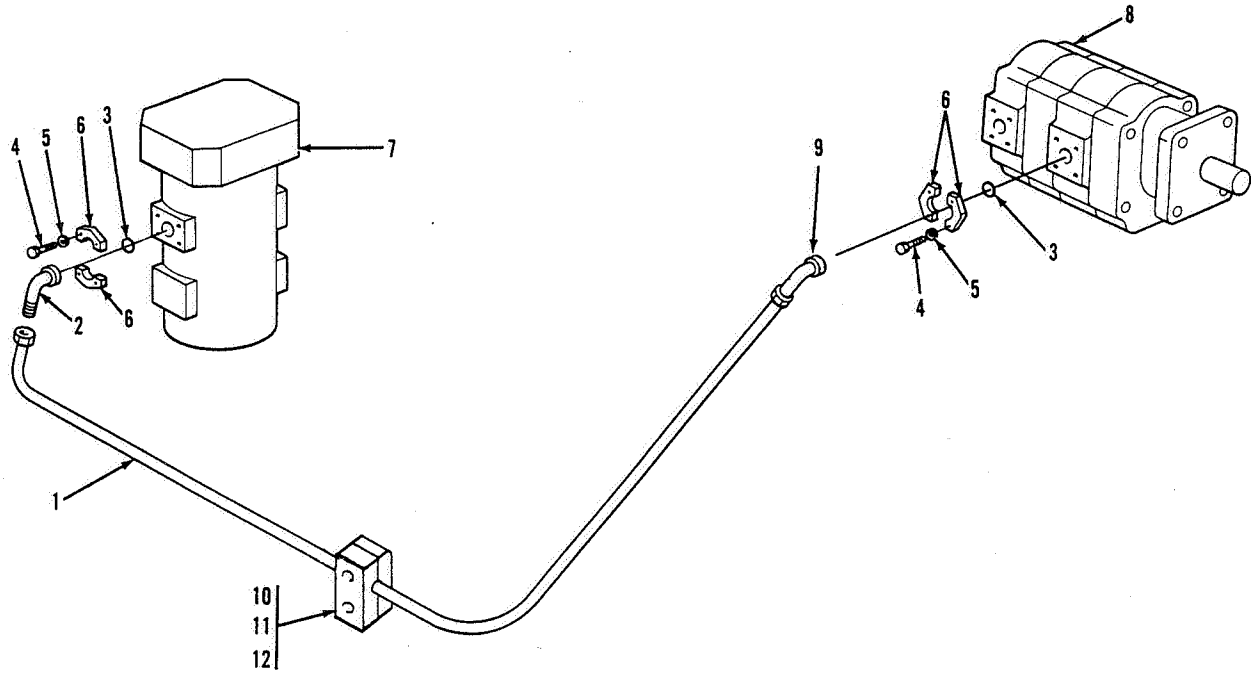
DRIVE LINE COMPONENTS
Main Hydraulic Pump Disconnect Linkage & Shift Cylinder
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 9-88



Item	Part No.	Qty.	Description Of Part
1	7738-6045	1	SHIFTER BRACKET
2	8852-1304	4	HEX LOCKNUT, 1/4-20
3	7738-3132	1	AIR CYLINDER (includes item 16)
4	8820-1003	4	HEX HD CAPSCREW, 1/4-20X3/4, GR 5
5		AR	NYLON TUBE, 3/8 O.D.
6	8688-3171	2	TUBE FITTING, 1/8X3/8X3/8
7	8821-1042	3	HEX SOCKET HD CAPSCREW, 1/4-20X1 GR 8
8	7738-3286	1	MICRO SWITCH
9	7738-3306	1	SEAL CONNECTOR
10	8863-3004	1	YOKE PIN, 7/16
11	8850-1407	1	HEX JAM NUT, 7/16-20
12	8882-1005	1	ADJUSTABLE YOKE, 7/16-20
13	8863-1309	1	COTTER PIN, 3/32X3/4
14	7738-6046	1	LEVER WELDMENT
15	8863-1501	2	ROLL PIN, 1/4X1
16	7738-4547	2	BRACKET

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DRIVE LINE COMPONENTS
Main Hydraulic Pump Circuit to Center Pin
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 11-86

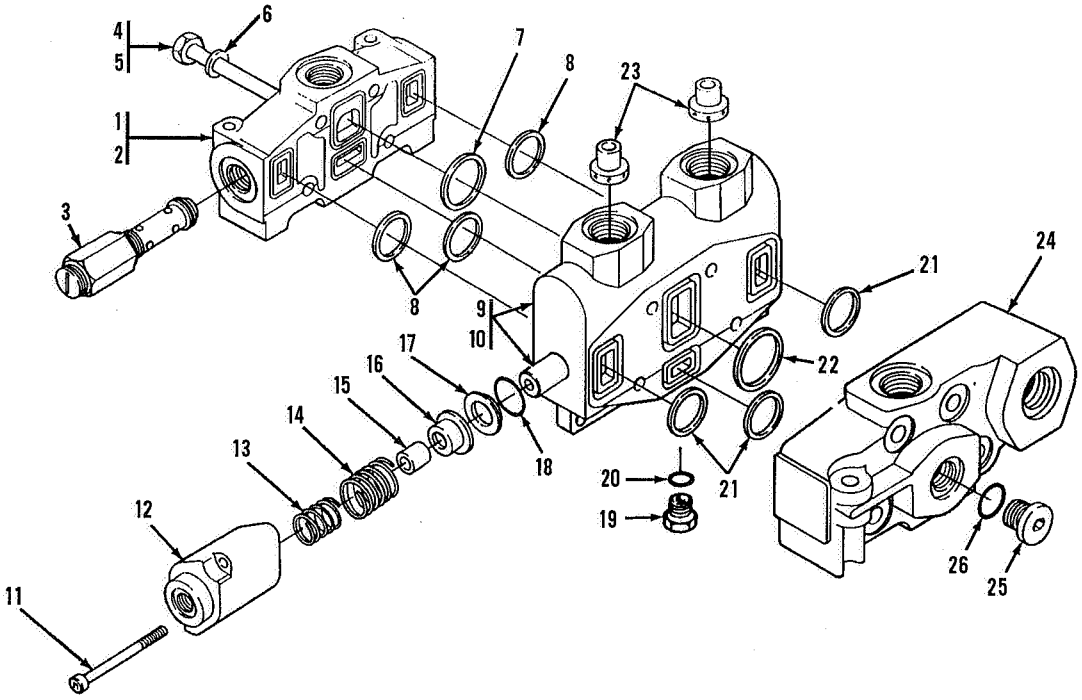


Item	Part No.	Qty.	Description Of Part
1	8471-6041	1	HOSE ASSY
2	8661-1041	1	ADAPTER, 90 DEGREES
3	8366-1304	2	SQUARE RING SEAL
4	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
5	8855-1011	8	LOCK WASHER, 3/8
6	8471-1333	4	FLANGE HALF
7		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
8		Ref	MAIN HYDRAULIC PUMP ASSY (see page UN 3-21 for details)
9	7736-3134	1	ADAPTER FLANGE, 45 DEGREES
10	7713-3079	2	CLAMP SET
11	7713-3075	2	COVER PLATE
12	8820-1026	4	HEX HD CAPSCREW, 5/16-18X2-1/2 GR 5

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DRIVE LINE COMPONENTS
(7738-3347) Propelling Control Valve Assembly

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 5-87
Revised 10-27-95



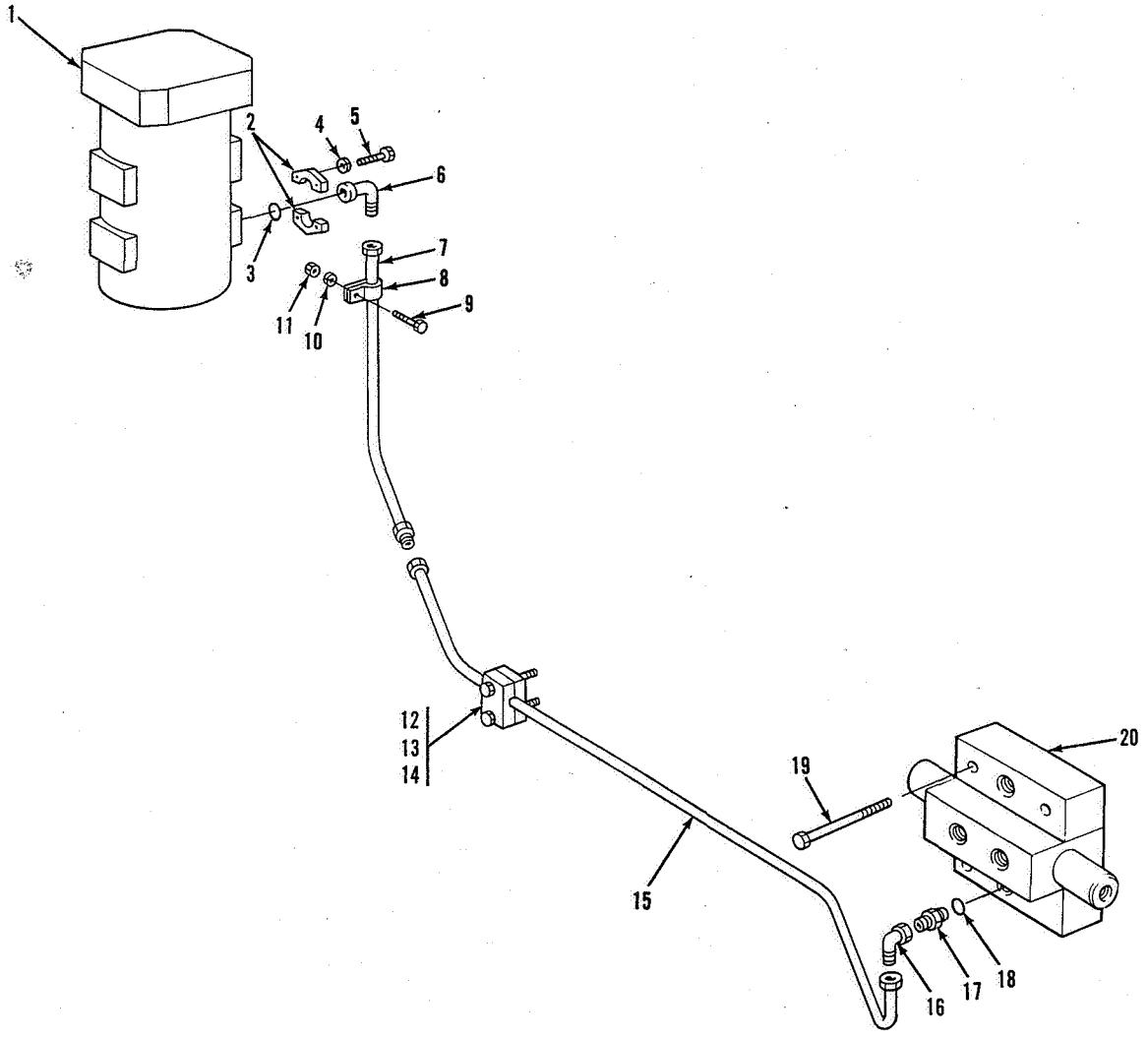
Item	Part No.	Qty.	Description Of Part
	7738-3347	1	PROPELLING CONTROL VALVE ASSY, (includes all items except item 23)
	7738-4451	1	RELIEF VALVE SEAL KIT, (kit contains one o-ring for relief valve item 3)
	7738-4452	1	SECTION SEAL KIT, (includes items 7, 8, 21 & 22)
	7738-4453	1	SEAL & SPRING KIT, (includes items 13, 14, 18, 20 & 26)
1	7736-4175	1	INLET SECTION ASSY, (includes items 2, 3, 7 & 8)
2	7738-4454	1	VALVE HOUSING
3	7738-4455	1	RELIEF VALVE ASSY, (2350 PSI), (use 8366-4003 seal kit)
4	7736-4456	4	HEX HD CAPSCREW & WASHER, (includes items 5 & 6)
5	7738-4754	4	HEX HD CAPSCREW
6	8366-4044	4	FLAT WASHER
7	7736-4249	1	SQUARE SECTION SEAL
8	7736-4248	3	SQUARE SECTION SEAL
9	7736-4176	1	PROPELLING CONTROL VALVE SECTION ASSY, (includes items 10 thru 22)

Item	Part No.	Qty.	Description Of Part
10		1	HOUSING & SPOOL ASSY, (not sold separately, order P/N 7736-4176)
11	8366-4144	4	SOCKET HD CAPSCREW, (lubricate & torque to 175 in, lbs.)
12	8366-4057	2	END CAP
13	8366-4226	2	OUTER SPRING
14	8366-3280	2	QINNER SPREIN
15	8366-4147	2	STROKE SLEEVE
16	8366-4148	2	SPRING GUIDE
17	8366-4149	2	RETAINING PLATE
18	8366-4150	2	O-RING
19	8366-4035	1	PLUG & O-RING
20	8366-3044	1	O-RING
*21	7736-4248	3	SQUARE SECTION SEAL
*22	7736-4249	1	SQUARE SECTION SEAL
23	7713-3863	2	RESTRICTION CHECK, 7/32 I.D.
24	7738-4457	1	OUTLETSECTION SEAL
25	8366-4035	1	PLUG
26	8366-3044	1	O-RING
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

* - *Changed part numbers on items 21& 22.*

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DRIVE LINE COMPONENTS
Propelling Control Valve Main Circuit to Center Pin
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 4-87

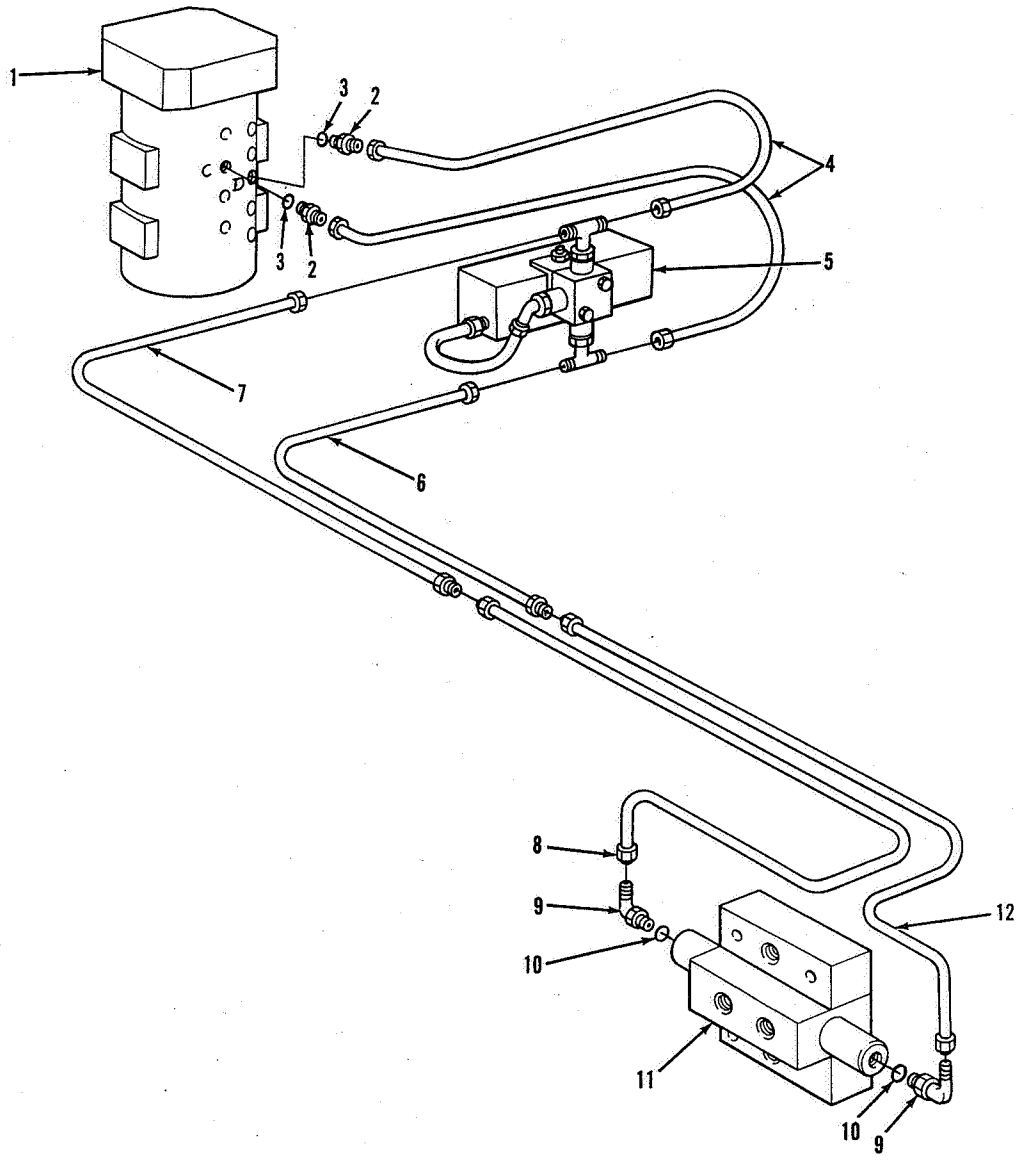


Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8471-1333	2	FLANGE HALF
3	8366-1304	1	SQUARE RING SEAL
4	8855-1011	4	LOCK WASHER, 3/8
5	8820-1036	4	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5
6	8366-1059	1	ADAPTER
7	8471-6048	1	HOSE ASSY
8	8503-1405	1	CLAMP
9	8820-1037	1	HEX HD CAPSCREW, 3/8-16x1-1/2 GR 5
10	8855-1011	1	LOCK WASHER, 3/8

Item	Part No.	Qty.	Description Of Part
11	8850-1006	1	HEX NUT, 3/8-16
12	7713-3851	1	CLAMP SET
13	7713-3281	1	COVER PLATE
14	8820-1026	2	HEX HD CAPSCREW, 5/16-18x2-1/2 GR 5
15	7738-3341	1	TUBE ASSY
16	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)
17	8866-2010	1	CONNECTOR (includes item 18)
18	8859-1209	1	O RING
19	8820-1078	3	HEX HD CAPSCREW, 1/2-13x4-1/2 GR 5
20		Ref	PROPELLING CONTROL VALVE ASSY (see page UN 3-24 for details)

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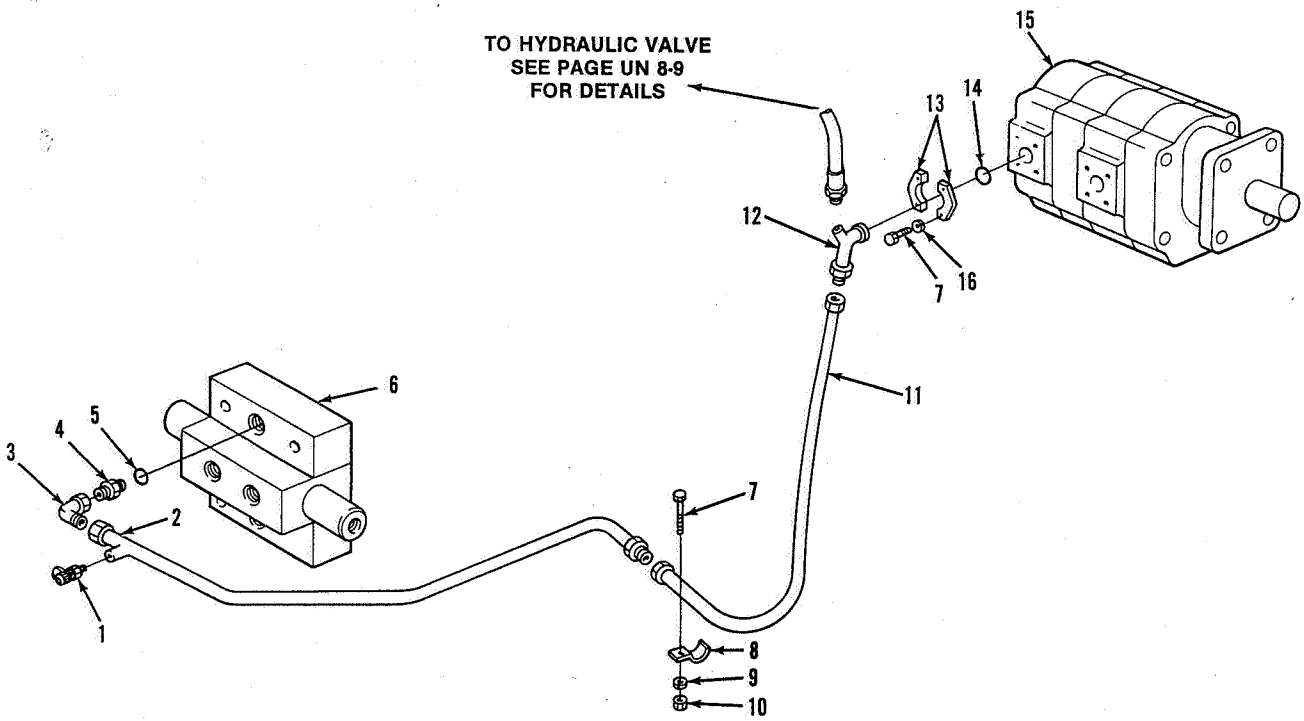
DRIVE LINE COMPONENTS
Propelling Control Valve Pilot Hydraulic Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 4-87



Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8866-2005	2	CONNECTOR (includes item 3)
3	8859-1204	2	O RING
4	8471-6751	2	HOSE ASSY
5		Ref	BRAKE PILOT VALVE ASSY (see page UN 6-4 for details)
6	7738-3232	1	TUBE ASSY
7	7738-3234	1	TUBE ASSY
8	7738-3343	1	TUBE ASSY
9	8866-2064	2	ELBOW, 90 DEGREES (includes item 10)
10	8859-1204	2	O RING
11		Ref	PROPELLING CONTROL VALVE ASSY (see page Un 3-24 for details)
12	7738-3342	1	TUBE ASSY

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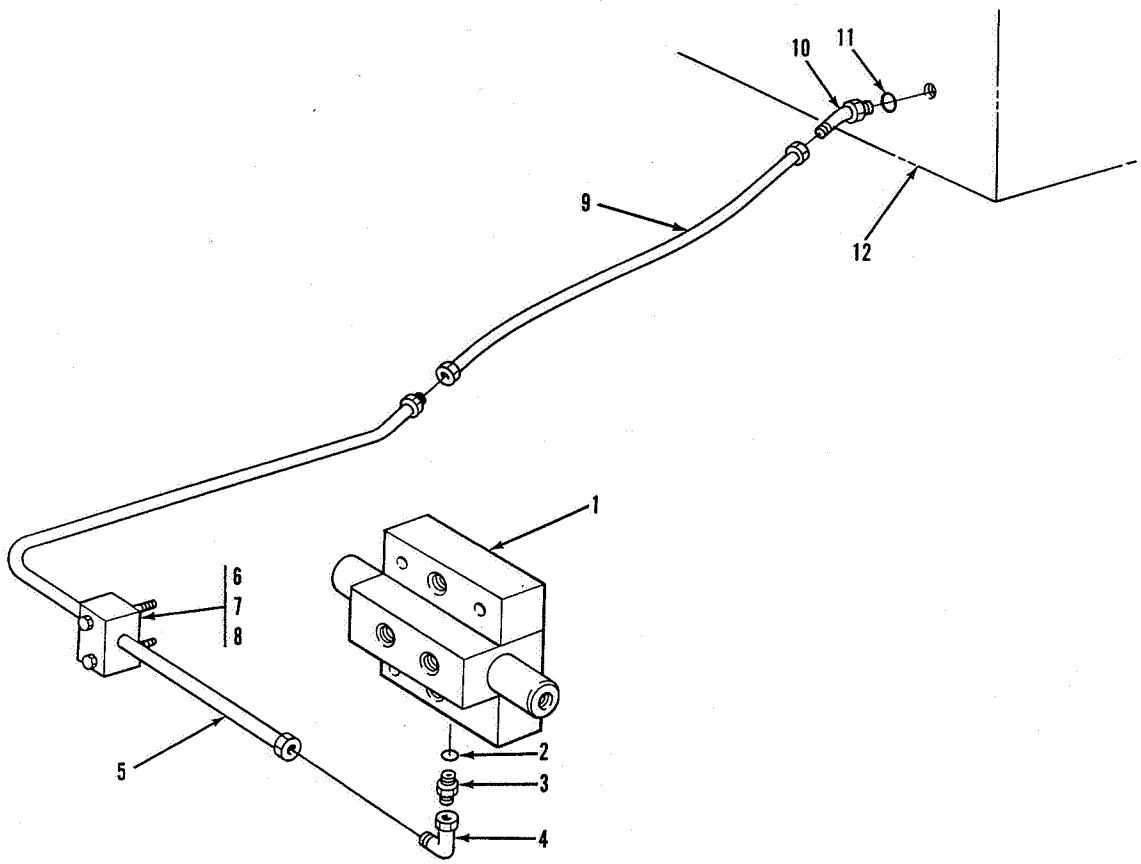
DRIVE LINE COMPONENTS
Main Hydraulic Pump Circuit to Propelling Control Valve
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 4-87



Item	Part No.	Qty.	Description Of Part
1	7713-3089	1	MINI-CHECK COUPLING
2	7738-3344	1	TRAVEL INLET TUBE ASSY
3	8866-2110	1	ELBOW, 90 DEGREES (SWIVEL NUT)
4	8866-2010	1	CONNECTOR (includes item 5)
5	8859-1209	1	O RING
6		Ref	PROPELLING CONTROL VALVE ASSY (see page UN 3-24 for details)
7	8820-1036	5	HEX HD CAPSCREW, 3/8-16x1-1/4 GR 5
8	9020-0481	1	TUBE CLAMP
9	8856-1004	1	FLAT WASHER, 3/8
10	8850-1006	1	HEX NUT, 3/8-16
11	7713-3353	1	HOSE ASSY
12	7736-3076	1	ADAPTER, 45 DEGREES
13	8471-1333	2	FLANGE HALF
14	8366-1304	1	SQUARE RING SEAL
15		Ref	MAIN HYDRAULIC PUMP ASSY (see page UN 3-21 for details)
16	8855-1011	4	LOCK WASHER, 3/8

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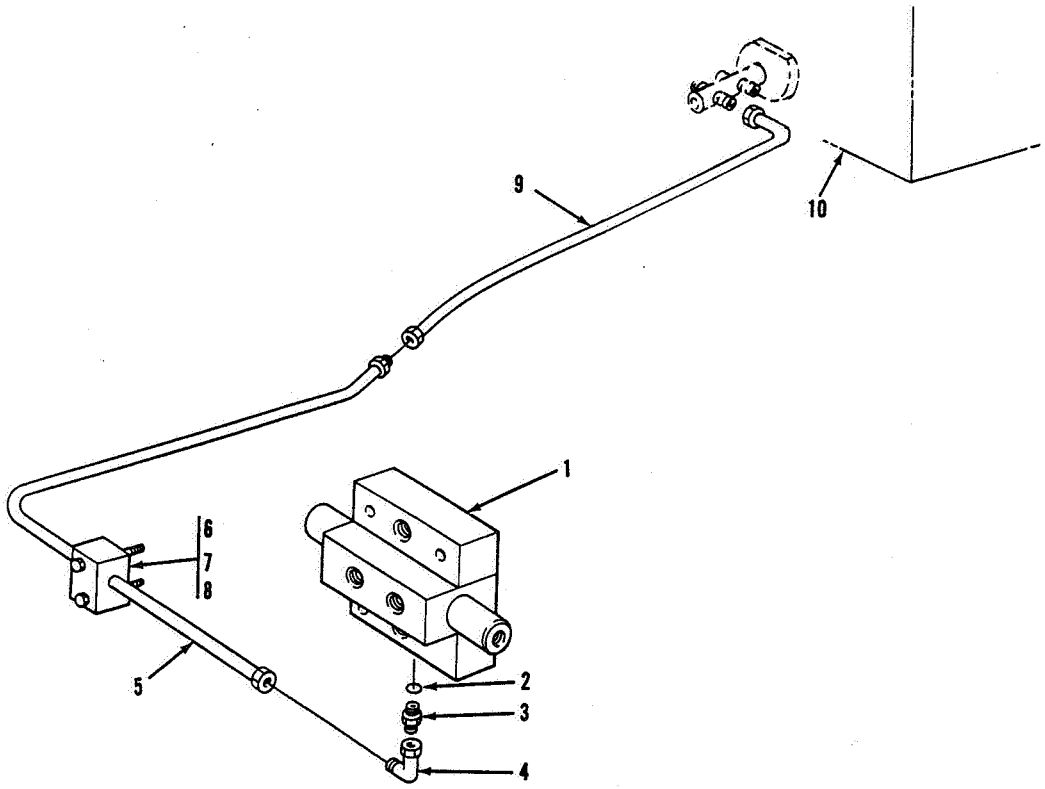
DRIVE LINE COMPONENTS
Propelling Control Valve Dump Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D024
Original Issue 4-87



Item	Part No.	Qty.	Description Of Part
1		Ref	PROPELLING CONTROL VALVE ASSY (see page UN 3-24 for details)
2	8859-1209	1	O RING
3	8866-2011	1	CONNECTOR (includes item 2)
4	8866-2111	1	ELBOW, 90 DEGREES (SWIVEL NUT)
5	7738-3340	1	TRAVEL VALVE DUMP TUBE ASSY
6	7713-3079	2	CLAMP SET
7	7713-3075	2	COVER PLATE
8	8820-1026	4	HEX HD CAPSCREW, 5/16-18x2-1/2 GR 5
9	8471-6301	1	HOSE ASSY
10	8866-2090	1	ELBOW, 45 DEGREES (includes item 11)
11	8859-1210	1	O RING
12		Ref	RESERVOIR ASSY (see page UN 2-13 for details)

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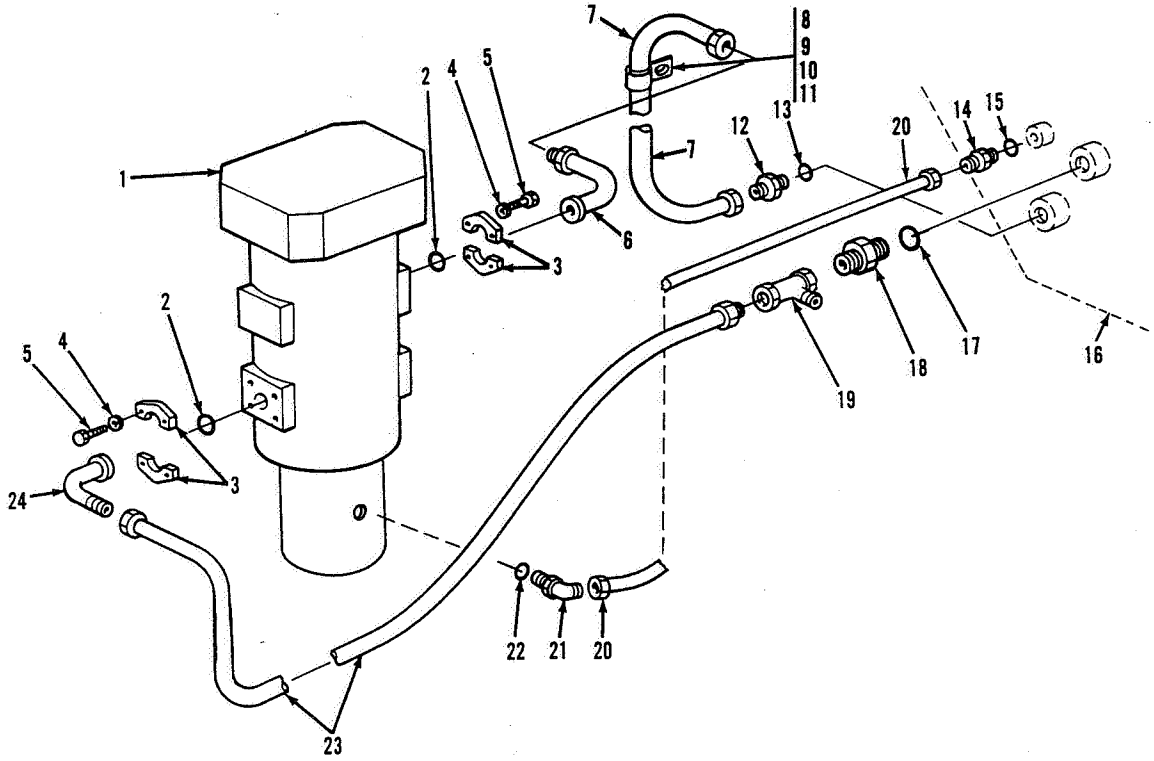
DRIVE LINE COMPONENTS
Propelling Control Valve Dump Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89



Item	Part No.	Qty.	Description Of Part
1	7738-3347	1	PROPELLING CONTROL VALVE ASSY (see page UN3-24 for details)
2	8859-1209	1	O RING
3	8866-2011	1	CONNECTOR (includes item 2)
4	8866-2111	1	ELBOW, 90 DEGREES (SWIVEL NUT)
5	7738-3340	1	TRAVEL VALVE DUMP TUBE ASSY
6	7713-3079	2	CLAMP SET
7	7713-3075	2	COVER PLATE
8	8820-1026	4	HEX HD CAPSCREW, 5/16-18x2-1/2 GR5
9	8471-7324	1	HOSE ASSY
10	7736-5033	1	RESERVOIR ASSY (see page UN2-13 for details)

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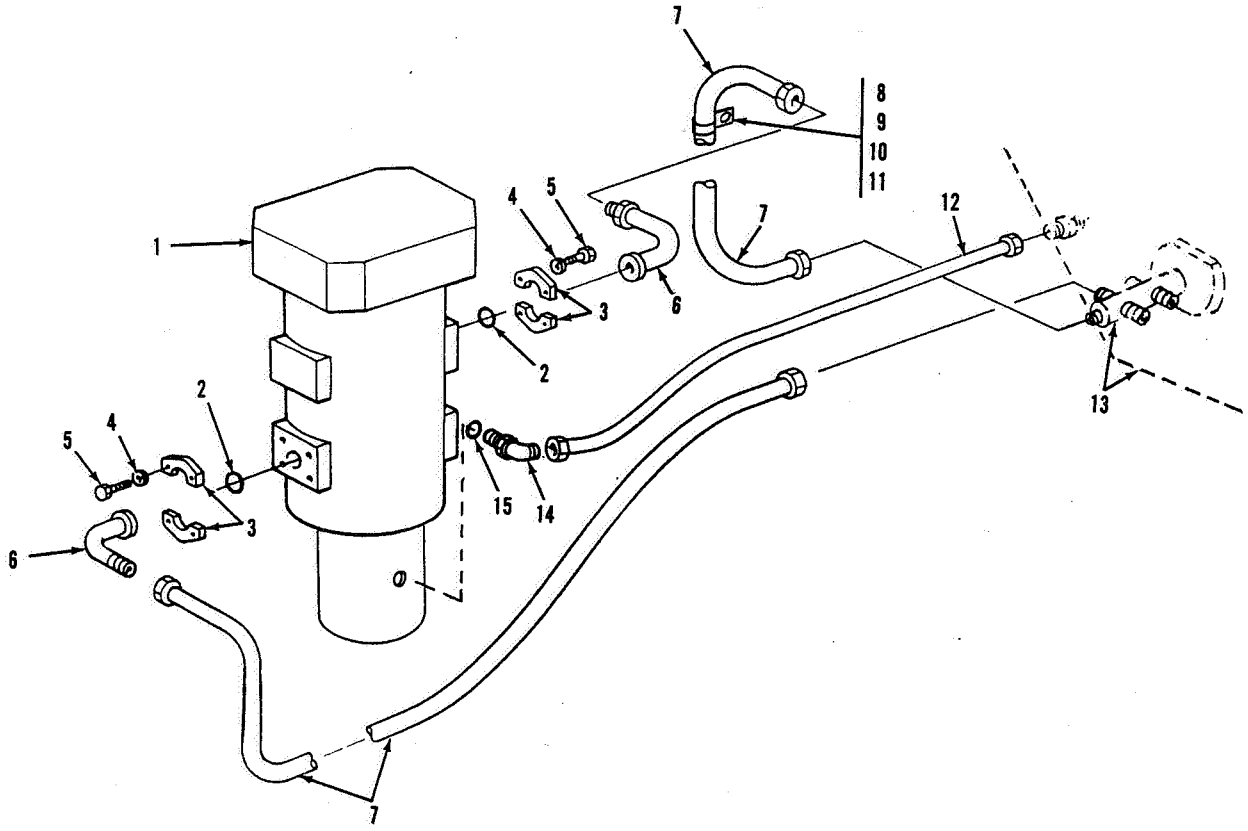
DRIVE LINE COMPONENTS
Center Pin Dump Circuit to Reservoir
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 85D028
Original Issue 12-86



Item	Part No.	Qty.	Description Of Part
1		Ref	CENTER PIN ASSY (see page UP 4-2 for details)
2	8366-1304	2	SQUARE RING SEAL
3	8471-1333	4	FLANGE HALF
4	8855-1011	8	LOCK WASHER, 3/8
5	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4 GR 5
6	8366-1059	1	ADAPTER, 90 DEGREES
7	8471-6379	1	HOSE ASSY
8	8503-1405	1	CLAMP
9	8820-1037	1	HEX HD CAPSCREW, 3/8-16X1-1/2 GR 5
10	8850-1006	1	HEX NUT, 3/8-16
11	8855-1011	1	LOCK WASHER, 3/8
12	8866-2011	1	CONNECTOR (includes item 13)
13	8859-1210	1	O RING
14	8866-2005	1	CONNECTOR (includes item 15)
15	8859-1204	1	O RING
16		Ref	RESERVOIR ASSY (see page UN 2-13 for details)
17	8859-1209	1	O RING
18	8662-1384	1	ADAPTER
19	8866-2244	1	RUN TEE (SWIVEL NUT)
20	9020-7669	1	HOSE ASSY
21	8866-2064	1	ELBOW, 90 DEGREES (includes item 22)
22	8859-1204	1	O RING
23	8471-6379	1	HOSE ASSY
24	8366-1059	1	ADAPTER

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DRIVE LINE COMPONENTS
Center Pin Dump Circuit to Reservoir
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89

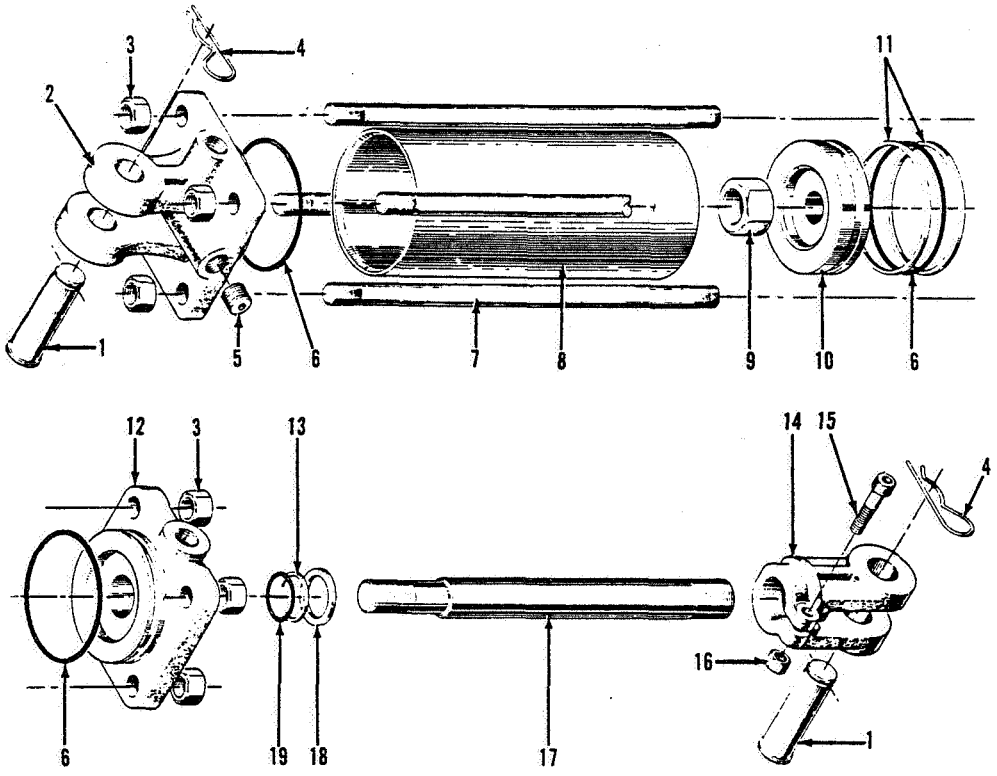


Item	Part No.	Qty.	Description Of Part
1	7736-5003	1	CENTER PIN ASSY (see page UP4-2 for details)
2	8366-1304	2	SQUARE RING SEAL
3	8471-1333	4	FLANGE HALF
4	8855-1011	8	LOCK WASHER, 3/8
5	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
6	8366-1059	2	ADAPTER, 90 DEGREES
7	8471-7870	2	HOSE ASSY
8	8503-1405	1	CLAMP

Item	Part No.	Qty.	Description Of Part
9	8820-1037	1	HEX HD CAPSCREW, 3/8-16x1-1/2 GR5
10	8850-1006	1	HEX NUT, 3/8-16
11	8855-1011	1	LOCK WASHER, 3/8
12	7713-3342	1	HOSE ASSY
13	7736-5033	1	RESERVOIR ASSY (see page UN2-13 for details)
14	8866-2064	1	ELBOW, 90 DEGREES (includes item 15)
15	8859-1204	1	O RING

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DRIVE LINE COMPONENTS
Stabilizer Cylinder Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

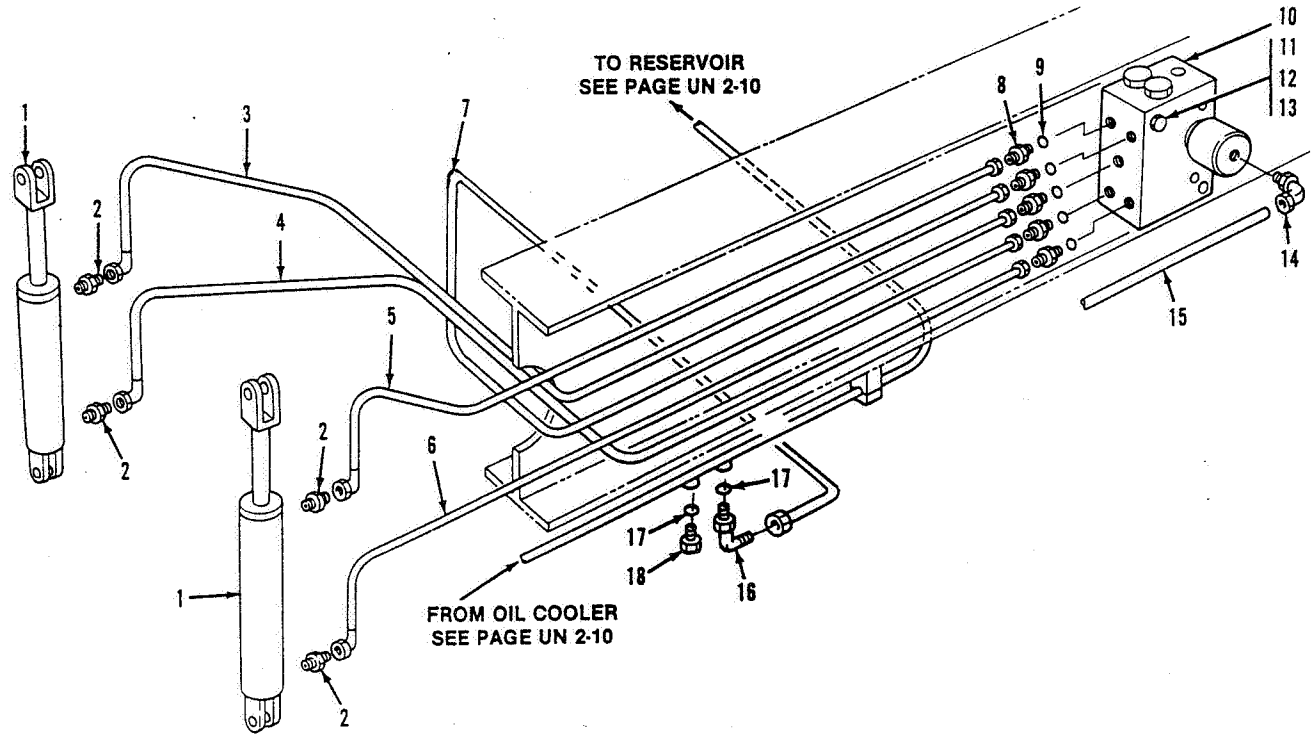


NOTE: QUANTITIES SHOWN FOR ONE STABILIZER CYLINDER ONLY.

Item	Part No.	Qty.	Description Of Part
	7736-3052	2	STABILIZER CYLINDER ASSY (includes all items)
	7736-4079	1	SEAL KIT
1	7736-4080	2	CLEVIS PIN
2	7736-4081	1	CYLINDER BASE
3	7736-4082	8	TIE ROD NUT
4	7736-4083	2	PIN CLIP
5	7736-4084	1	PIPE PLUG
6	7736-4085	3	O RING
7	7736-4086	4	TIE ROD
8	7736-4087	1	TUBE
9	7736-4088	1	PISTON NUT
10	7736-4089	1	PISTON
11	7736-4090	2	BACK UP RING
12	7736-4091	1	CYLINDER HEAD
13	7736-4092	1	BACK UP RING
14	7736-4093	1	CLEVIS
15	7736-4094	1	CAPSCREW
16	7736-4095	1	CLEVIS NUT
17	7736-4096	1	ROD
18	7736-4097	1	WIPER
19	7736-4098	1	O RING

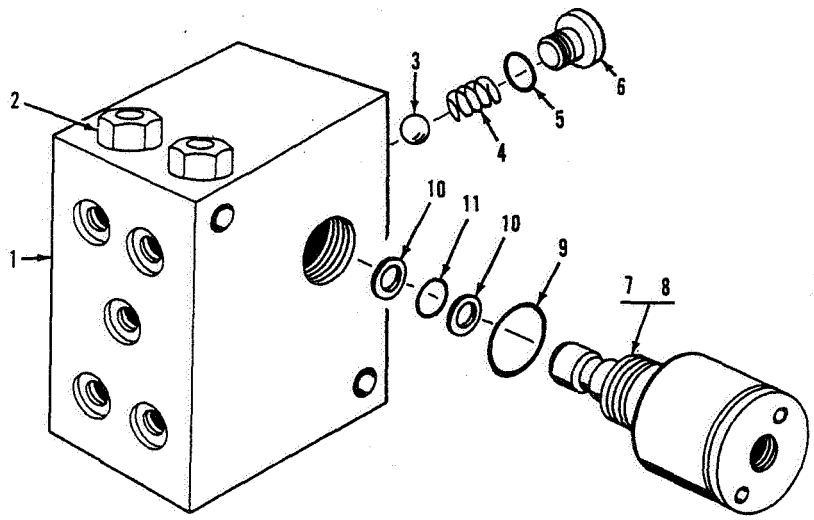
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DRIVE LINE COMPONENTS
Stabilizer Cylinder Hydraulic Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 85D092
Original Issue 10-85
Revised 1-89



Item	Part No.	Qty.	Description Of Part
1	7736-3052	2	STABILIZER CYLINDER ASSY (see page UN3-30 for details)
2	8874-3014	4	CONNECTOR
3	8471-7459	1	HOSE ASSY
4	7713-3430	1	HOSE ASSY
5	8471-7458	1	HOSE ASSY
6	8471-7460	1	HOSE ASSY
7	8471-7459	1	HOSE ASSY
8	8866-2005	5	CONNECTOR (includes item 9)
9	8859-1204	5	O RING
10	7736-3130	1	STABILIZER VALVE ASSY (see page UN3-32 for details)
11	8820-1030	2	HEX HD CAPSCREW, 5/16-18x3-1/2 GR5
12	8855-1010	2	LOCK WASHER, 5/16
13	8850-1005	2	HEX NUT, 5/16-18
14	8688-3074	1	ELBOW, 90 DEGREES, 1/8x3/8
15		AR	NYLON TUBE, 3/8 O.D.
16	8866-2064	1	ELBOW, 90 DEGREES (includes item 17)
17	8859-1204	2	O RING
18	8866-2174	1	HEX HD PLUG (includes item 17)

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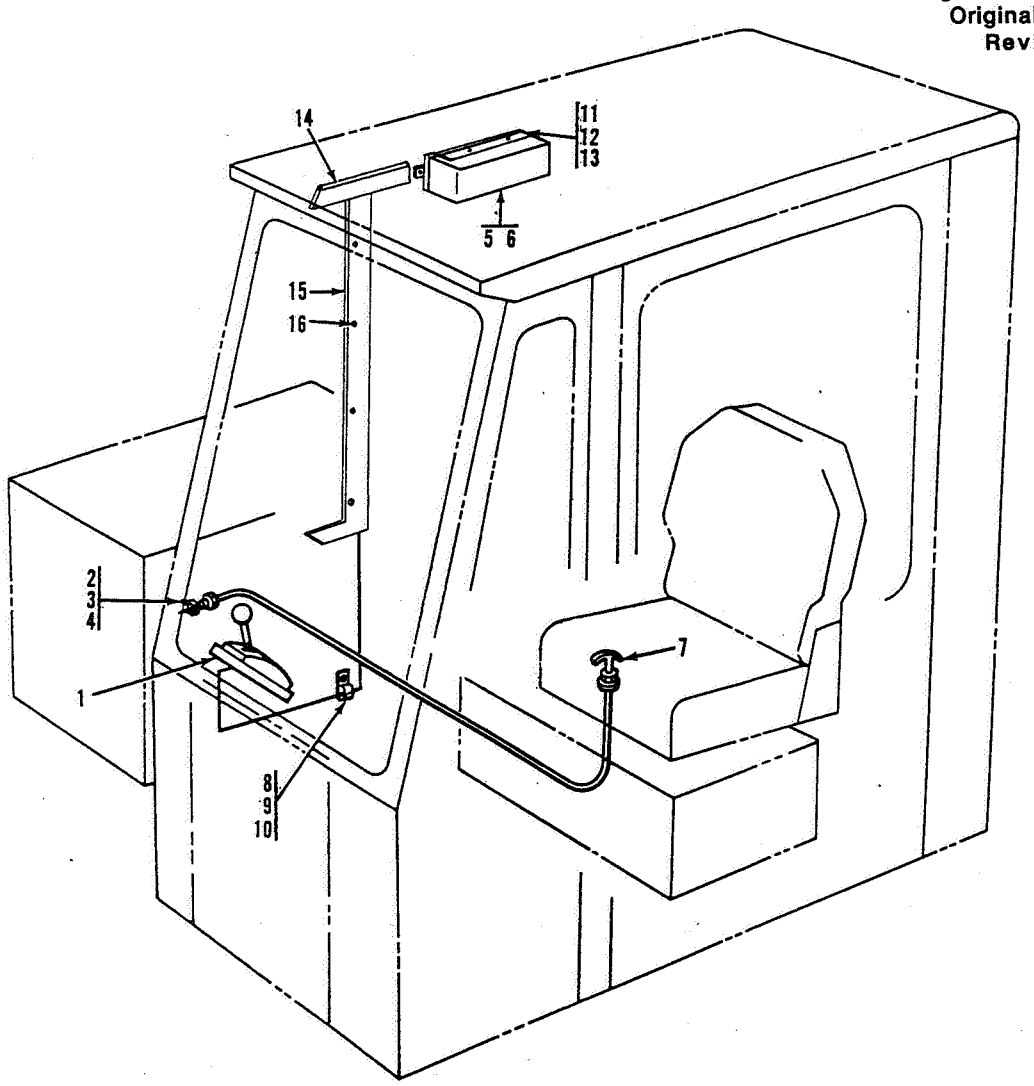


NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

Item	Part No.	Qty.	Description Of Part
	7736-3130	1	STABILIZER VALVE ASSY (includes all items)
	7736-4158	1	CHECK VALVE SEAL KIT
1		1	VALVE BLOCK
2	7736-4159	4	CHECK VALVE ASSY
3	7736-4160	4	BALL
4	7736-4161	4	SPRING
5	7736-4162	4	O RING
6	7736-4163	4	PLUG (includes item 5)
7	7736-4164	1	PILOTED CARTRIDGE VALVE ASSY (includes items 9,10,11)
8	7736-4252	1	CARTRIDGE VALVE KIT (includes items 9,10,11)
9	7736-4165	1	O RING
10	7736-4167	2	BACK-UP RING
11	7736-4166	1	O RING

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DRIVE LINE COMPONENTS
Travel Shifter Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-90



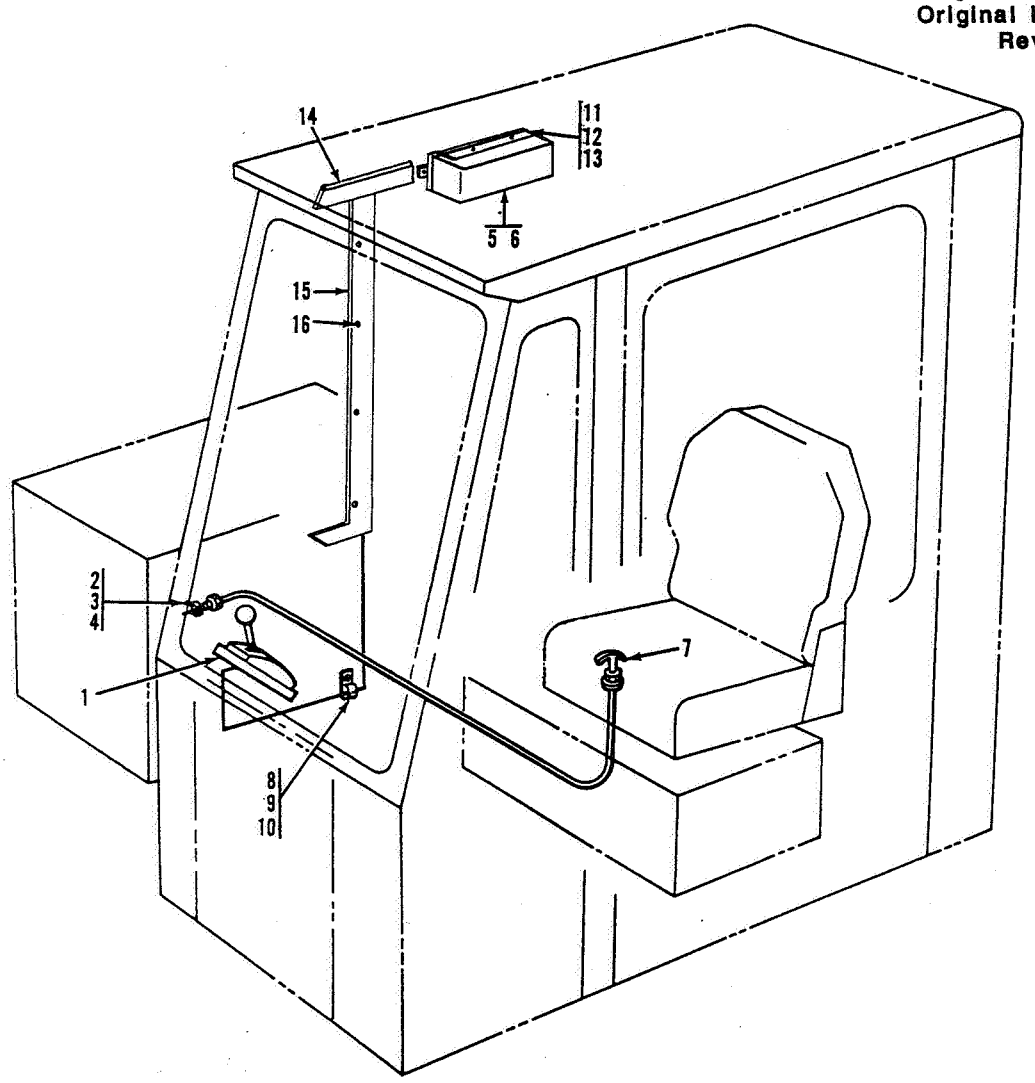
NOTE: ITEM 1, P/N 7738-3061 TRAVEL SHIFTER IS STILL AVAILABLE AS A REPLACEMENT PART, HOWEVER, IF YOUR VEHICLE IS EQUIPPED WITH THE LATEST MCM ASSEMBLY, THIS PART WILL NOT BE COMPATIBLE WITH THE MCM ELECTRICAL SYSTEM. PLEASE CONSULT THE GRADALL PARTS DEPARTMENT FOR ASSISTANCE IN DETERMINING YOUR CORRECT TRAVEL SHIFTER TO BE USED.

ITEM 5, P/N 7738-3059 IS NO LONGER AVAILABLE AS A REPLACEMENT PART. PLEASE REFER TO THE CHART ON PAGE UN3-52 FOR THE CORRECT REPLACEMENT KIT REQUIRED FOR YOUR VEHICLE SERIAL NUMBER.

Item	Part No.	Qty.	Description Of Part
1	7738-3061	1	TRAVEL SHIFTER ASSY
2	8820-1004	1	HEX HD CAPSCREW, 1/4-20 x 7/8, GR 5
3	8855-1009	1	LOCK WASHER, 1/4
4	8850-1004	1	HEX NUT, 1/4-20
5	7738-3059	1	TRANSMISSION CONTROL ASSY
6	8832-1047	4	SELF TAPPING SCREW, 1/4-20 x 1/2
7	7738-3057	1	EMERGENCY ENGINE STOP CABLE (Pivot, Spring Clip and Screw are supplied with the cable)
8	8594-1017	1	SUPPORT CLAMP
9	8820-1019	1	HEX HD CAPSCREW, 5/16-18 x 7/8, GR 5
10	8856-1003	1	FLAT WASHER, 5/16
11	7738-1360	1	CONTROL BOX MOUNT
12	7714-3003	2	LOCK SCREW
13	7714-3006	2	LOCK NUT
14	9020-6194	AR	TRIM LOK, 12"
15	7738-6064	1	WIRE COVER
16	8832-1039	4	SELF TAPPING SCREW, #10-32 x 1/2

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DRIVE LINE COMPONENTS
Travel Shifter Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D329
Original Issue 6-89
Revised 6-90



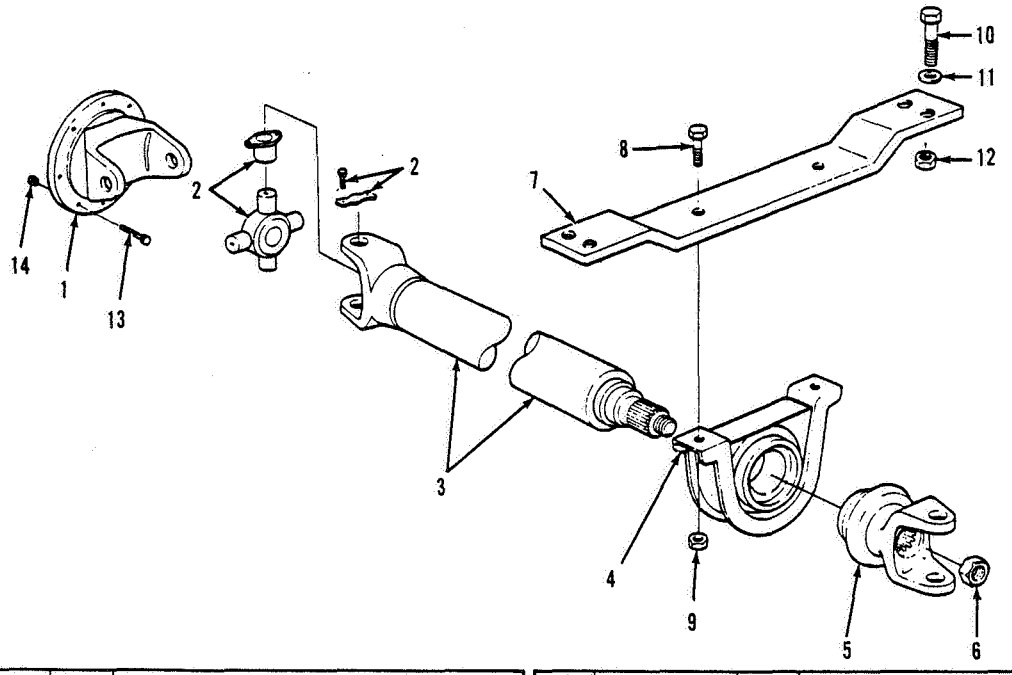
NOTE: ITEM 1, P/N 7738-3061 TRAVEL SHIFTER IS STILL AVAILABLE AS A REPLACEMENT PART, HOWEVER, IF YOUR VEHICLE IS EQUIPPED WITH THE LATEST MCM ASSEMBLY, THIS PART WILL NOT BE COMPATIBLE WITH THE MCM ELECTRICAL SYSTEM. PLEASE CONSULT THE GRADALL PARTS DEPARTMENT FOR ASSISTANCE IN DETERMINING YOUR CORRECT TRAVEL SHIFTER TO BE USED.

ITEM 5, P/N 7738-3598 IS NO LONGER AVAILABLE AS A REPLACEMENT PART. PLEASE REFER TO THE CHART ON PAGE UN3-52 FOR THE CORRECT REPLACEMENT KIT REQUIRED FOR YOUR VEHICLE SERIAL NUMBER.

Item	Part No.	Qty.	Description Of Part
1	7738-3061	1	TRAVEL SHIFTER ASSY
2	8820-1004	1	HEX HD CAPSCREW, 1/4-20 x 7/8, GR 5
3	8855-1009	1	LOCK WASHER, 1/4
4	8850-1004	1	HEX NUT, 1/4-20
5	7738-3598	1	TRANSMISSION CONTROL ASSY
6	8832-1047	4	SELF TAPPING SCREW, 1/4-20 x 1/2
7	7738-3057	1	EMERGENCY ENGINE STOP CABLE (Pivot, Spring Clip and Screw are supplied with the cable)
8	8594-1017	1	SUPPORT CLAMP
9	8820-1019	1	HEX HD CAPSCREW, 5/16-18 x 7/8, GR 5
10	8856-1003	1	FLAT WASHER, 5/16
11	7738-1360	1	CONTROL BOX MOUNT
12	7714-3003	2	LOCK SCREW
13	7714-3006	2	LOCK NUT
14	9020-6194	AR	TRIM LOK, 12"
15	7738-6064	1	WIRE COVER
16	8832-1039	4	SELF TAPPING SCREW, #10-32 x 1/2

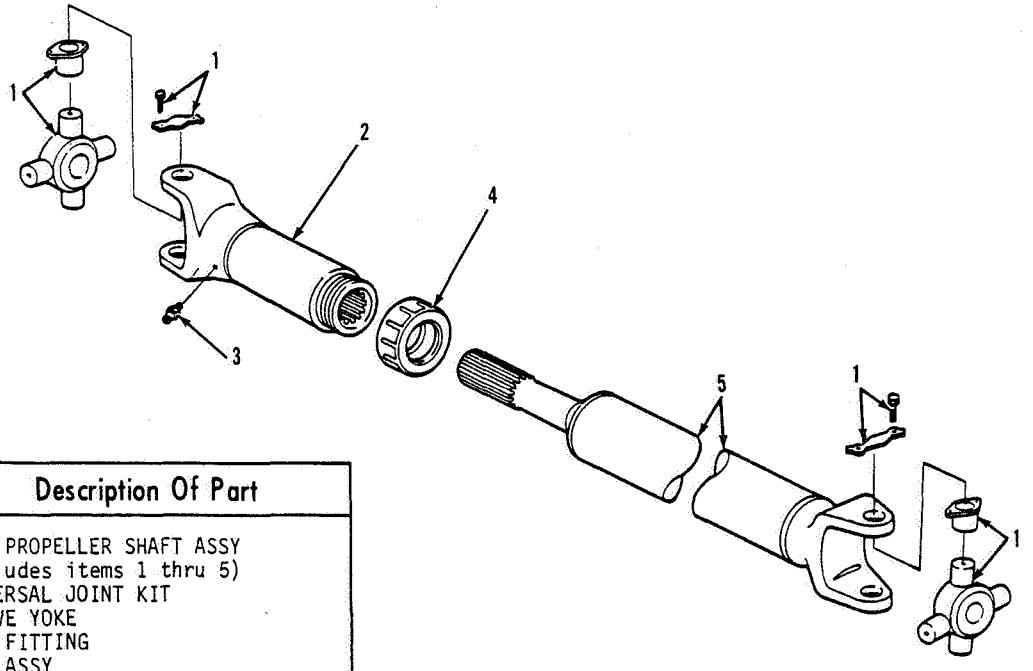
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DRIVE LINE COMPONENTS
Propeller Shaft Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85



Item	Part No.	Qty.	Description Of Part
	7738-3004	1	FRONT PROPELLER SHAFT ASSY (includes items 1 thru 6)
1	8668-3323	1	FLANGE YOKE
2	8307-2645	1	UNIVERSAL JOINT KIT
3	7738-4247	1	STUB BALL YOKE
4	7738-4248	1	CENTER BEARING ASSY
5	7738-4249	1	END YOKE
6	7738-4250	1	NUT
7	7738-1206	1	SUPPORT PLATE

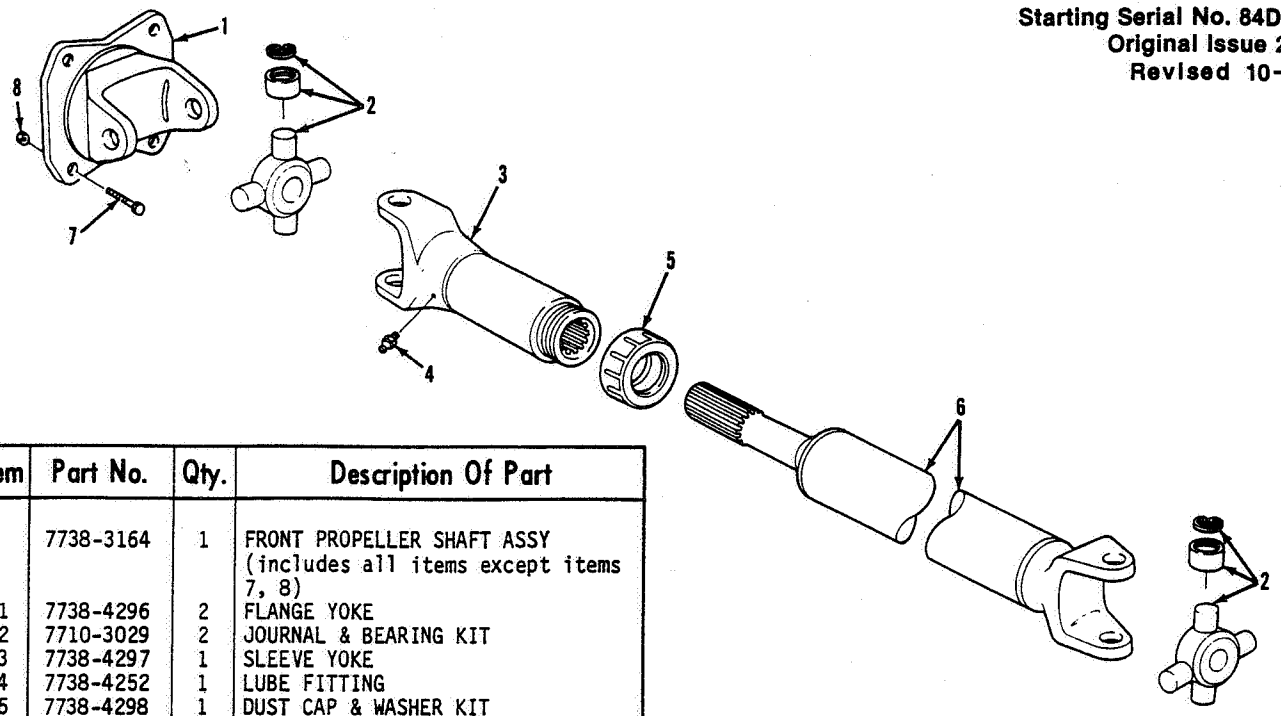
Item	Part No.	Qty.	Description Of Part
8	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4 GR 5
9	8850-1008	2	HEX NUT, 1/2-13
10	8820-1099	4	HEX HD CAPSCREW,5/8-11X2 1/2, GR5
11	8856-1008	2	FLAT WASHER, 5/8
12	8852-1010	4	HEX LOCKNUT 5/8-11
13	8668-3324	8	FLANGE BOLT
14	8852-1406	8	HEX LOCKNUT, 3/8-24



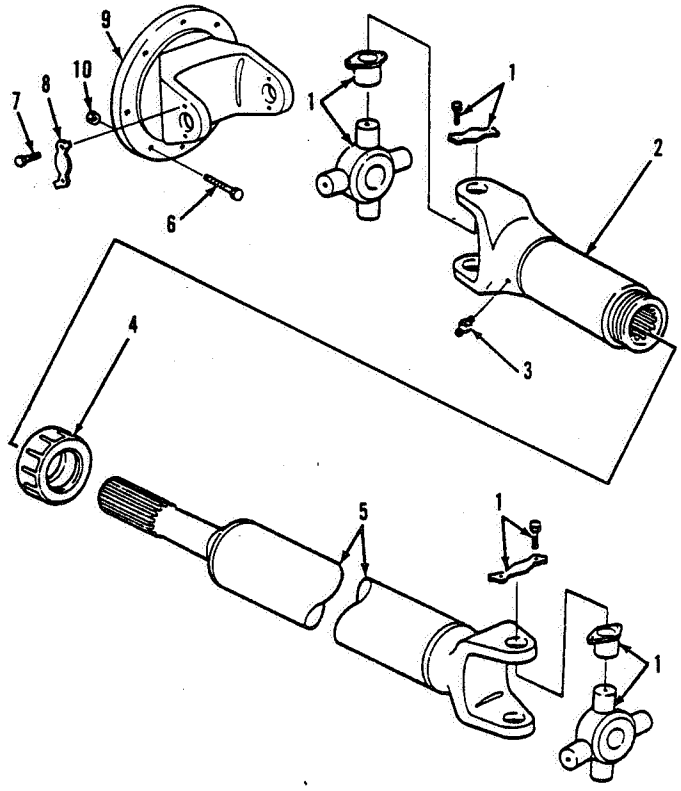
Item	Part No.	Qty.	Description Of Part
	8668-3375	1	REAR PROPELLER SHAFT ASSY (includes items 1 thru 5)
1	8307-2645	2	UNIVERSAL JOINT KIT
2	7738-4251	1	SLEEVE YOKE
3	7738-4252	1	LUBE FITTING
4	7738-4253	1	SEAL ASSY
5	7738-4448	1	SHAFT & YOKE END

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DRIVE LINE COMPONENTS
Propeller Shaft Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-88



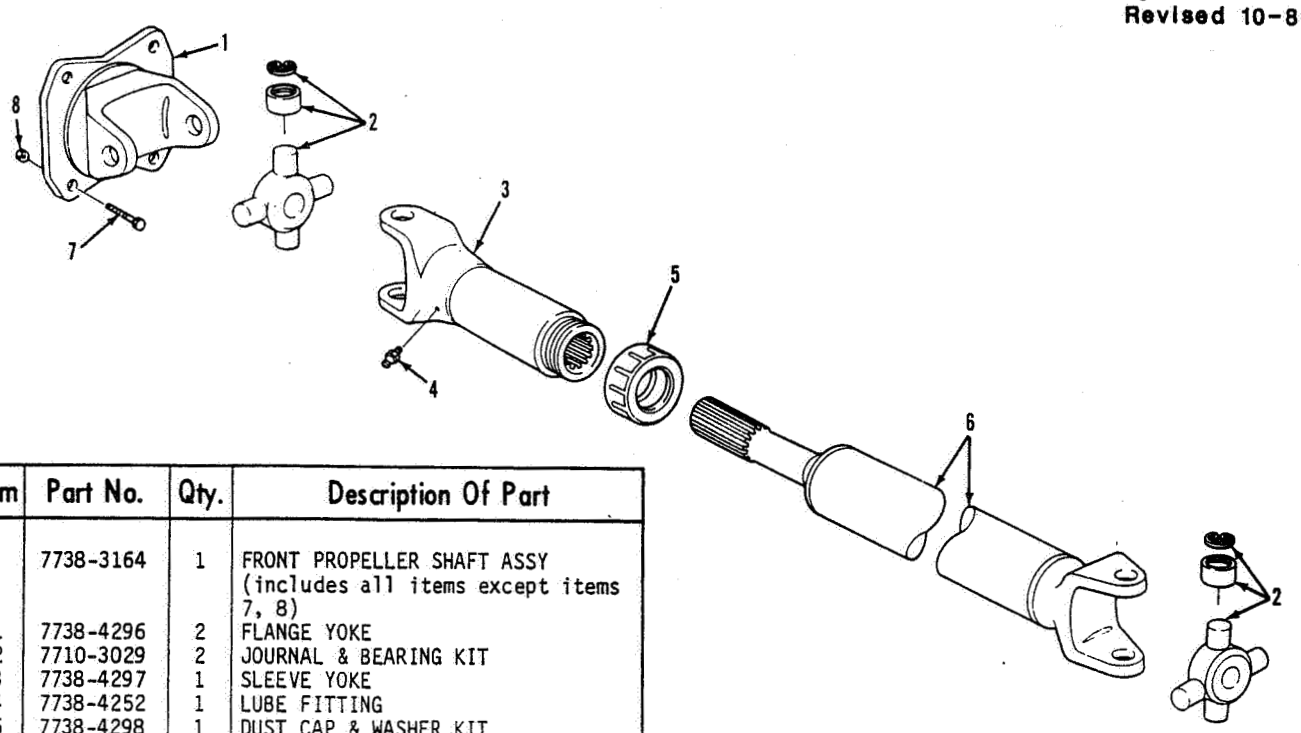
Item	Part No.	Qty.	Description Of Part
	7738-3164	1	FRONT PROPELLER SHAFT ASSY (includes all items except items 7, 8)
1	7738-4296	2	FLANGE YOKE
2	7710-3029	2	JOURNAL & BEARING KIT
3	7738-4297	1	SLEEVE YOKE
4	7738-4252	1	LUBE FITTING
5	7738-4298	1	DUST CAP & WASHER KIT
6	7738-4299	1	SHAFT ASSY
7	8320-1104	4	HEX HD CAPSCREW (at converter)
	8320-1103	4	HEX HD CAPSCREW (at transmission) (lubricate and torque to 105-115 ft.lbs.)
8	8852-1408	4	HEX LOCKNUT (at converter end only) (lubricate and torque to 105-115 ft.lbs.)



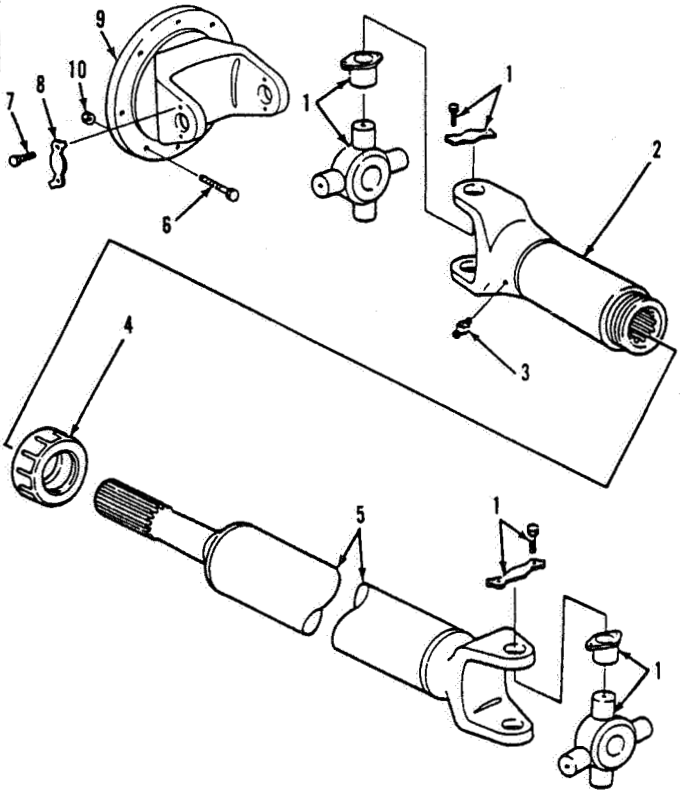
Item	Part No.	Qty.	Description Of Part
	7738-3005	1	PROPELLER SHAFT ASSY (Transmission to Front Axle) (includes items 1 thru 5)
	8668-3375	1	PROPELLER SHAFT ASSY (Transmission to Rear Axle) (includes items 1 thru 5)
1	8307-2645	2	UNIVERSAL JOINT KIT
2	7738-4251	1	SLEEVE YOKE
3	7738-4252	1	LUBE FITTING
4	7738-4253	1	SEAL ASSY
5	7738-4254	1	SHAFT & YOKE END (use with 7738-3005 Propeller Shaft)
	7738-4448	1	SHAFT & YOKE END (use with 8668-3375 Propeller Shaft)
6	8668-3324	8	FLANGE BOLT
7	8668-3226	4	HEX HD CAPSCREW
8	8668-3225	2	LOCKSTRAP
9	8668-3323	1	FLANGE YOKE
10	8852-1406	8	HEX LOCKNUT, 3/8-24
			NOTE: QUANTITIES SHOWN ARE FOR ONE PROPELLER SHAFT ASSEMBLY AND ONE INSTALLATION

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DRIVE LINE COMPONENTS
Propeller Shaft Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D062
Original Issue 9-87
Revised 10-88



Item	Part No.	Qty.	Description Of Part
	7738-3164	1	FRONT PROPELLER SHAFT ASSY (includes all items except items 7, 8)
1	7738-4296	2	FLANGE YOKE
2	7710-3029	2	JOURNAL & BEARING KIT
3	7738-4297	1	SLEEVE YOKE
4	7738-4252	1	LUBE FITTING
5	7738-4298	1	DUST CAP & WASHER KIT
6	7738-4299	1	SHAFT ASSY
7	8320-1104	4	HEX HD CAPSCREW (at converter)
	8320-1103	4	HEX HD CAPSCREW (at transmission) (lubricate and torque to 105-115 ft.lbs.)
8	8852-1408	4	HEX LOCKNUT (at converter end only) (lubricate and torque to 105-115 ft.lbs.)

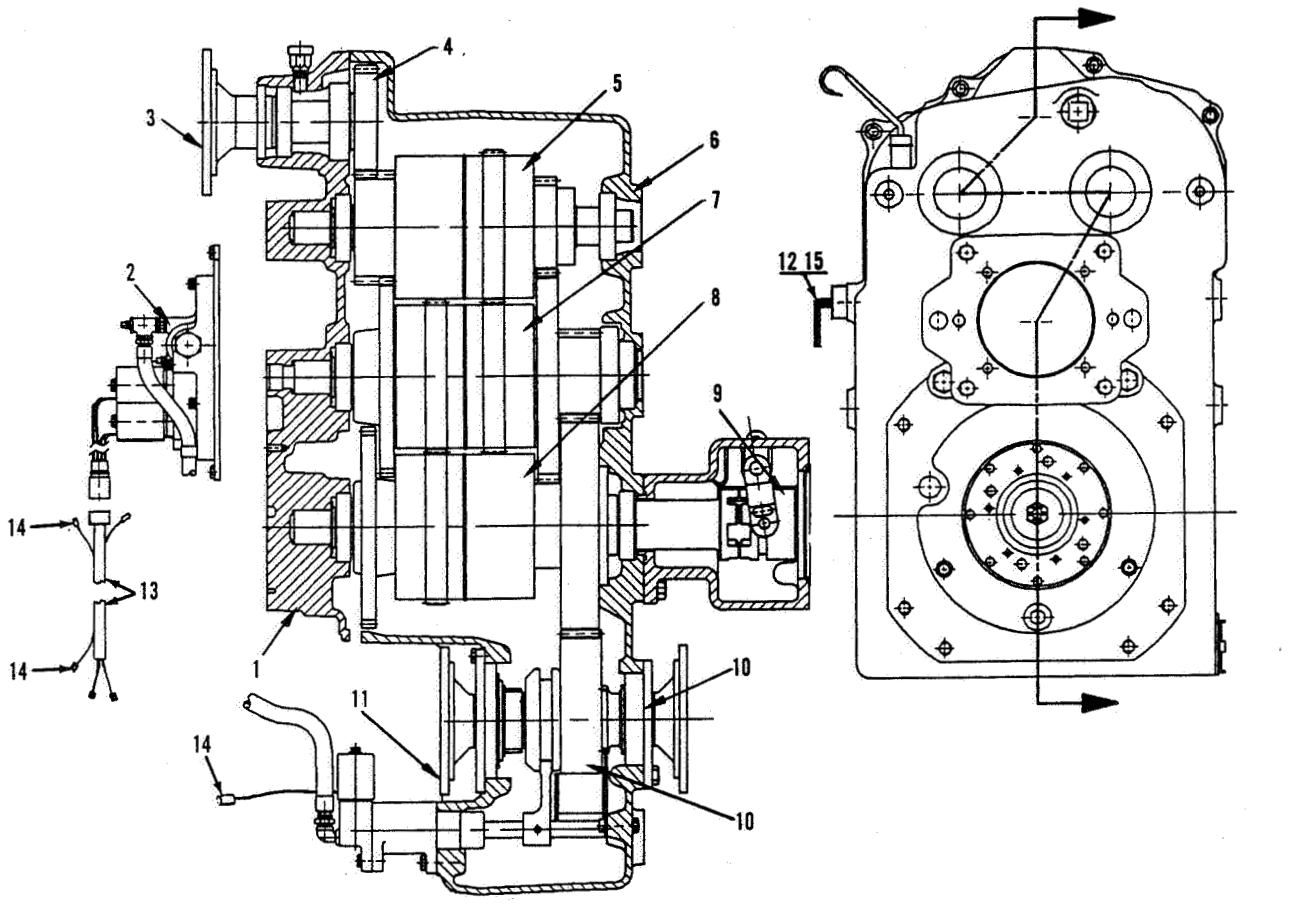


Item	Part No.	Qty.	Description Of Part
	7738-3402	1	PROPELLER SHAFT ASSY (Transmission to Front Axle) (includes items 1 thru 5)
	8668-3375	1	PROPELLER SHAFT ASSY (Transmission to Rear Axle) (includes items 1 thru 5)
1	8307-2645	2	UNIVERSAL JOINT KIT
2	7738-4251	1	SLEEVE YOKE
3	7738-4252	1	LUBE FITTING
4	7738-4253	1	SEAL ASSY
5	7738-4490	1	SHAFT & YOKE END (use with 7738-3402 Propeller Shaft)
	7738-4448	1	SHAFT & YOKE END (use with 8668-3375 Propeller Shaft)
6	8668-3324	8	FLANGE BOLT
7	8668-3226	4	HEX HD CAPSCREW
8	8668-3225	2	LOCKSTRAP
9	8668-3323	1	FLANGE YOKE
10	8852-1406	8	HEX LOCK NUT, 3/8-24

NOTE: QUANTITIES SHOWN ARE FOR ONE PROPELLER SHAFT ASSEMBLY AND ONE INSTALLATION.

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DRIVE LINE COMPONENTS
Transmission Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 11-86

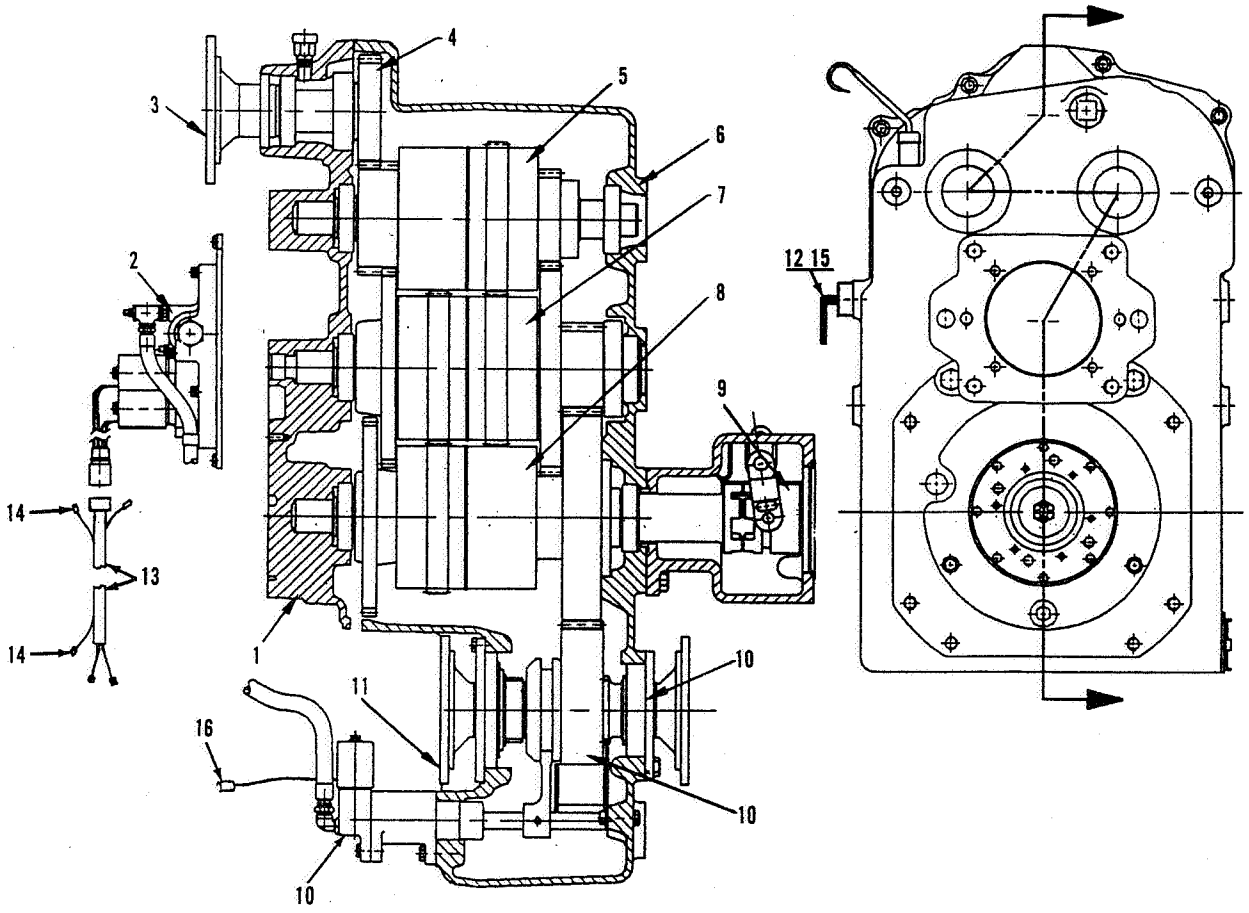


Item	Part No.	Qty.	Description Of Part
	7738-3162	1	TRANSMISSION ASSY (includes all items except items 12, 13, 14)
1		Ref	FRONT COVER ASSY (see page UN 3-37 for details)
2		Ref	CONTROL VALVE ASSY (see page UN 3-38 for details)
3		Ref	COMPANION FLANGE ASSY (see page UN 3-39 for details)
4		Ref	INPUT SHAFT ASSY (see page UN 3-39 for details)
5		Ref	FIRST CLUTCH ASSY (see page UN 3-40 for details)
6		Ref	TRANSMISSION CASE ASSY (see page UN 3-41 for details)
7		Ref	SECOND CLUTCH ASSY (see page UN 3-42 for details)
8		Ref	THIRD CLUTCH ASSY (see page UN 3-43 for details)
9	7738-4028	1	SHIFT COLLAR
10		Ref	OUTPUT SHAFT & DISCONNECT GROUP (see page UN 3-44 for details)
11	7738-4300	1	COMPANION FLANGE
12	7738-3313	1	SPEEDOMETER SENDING UNIT
13	7738-3166	1	TRANSMISSION WIRING HARNESS EXTENSION
14	8668-3480	3	BUTT CONNECTOR
15	7738-3329	1	SEAL WASHER

ECN 17875

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DRIVE LINE COMPONENTS
Transmission Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D090
Original Issue 3-88
Revised 3-89

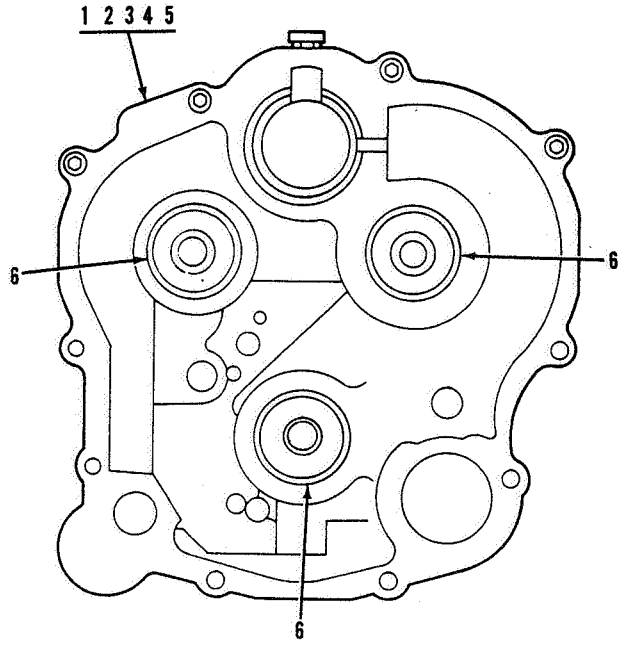


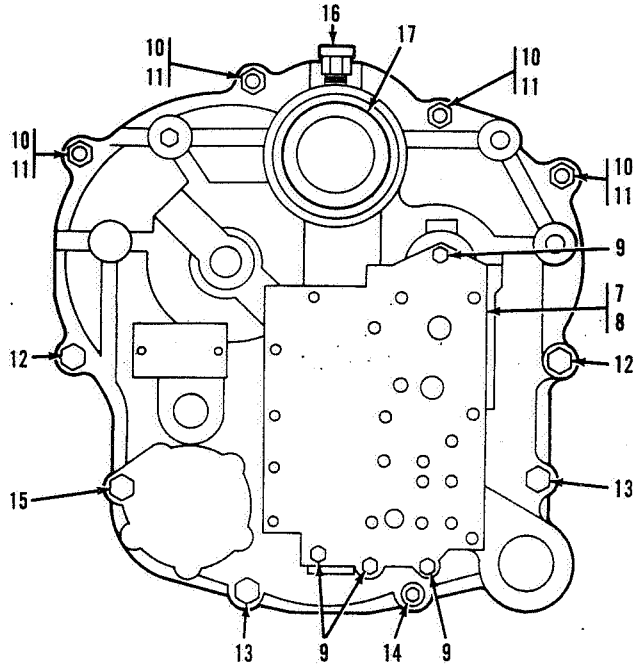
Item	Part No.	Qty.	Description Of Part
	7738-3162	1	TRANSMISSION ASSY (includes all items except items 12, 13, 14)
1	7738-4301	Ref	FRONT COVER ASSY (see page UN 3-37 for details)
2	No Number	Ref	CONTROL VALVE ASSY (see page UN 3-38 for details)
3	No Number	Ref	COMPANION FLANGE ASSY (see page UN 3-39 for details)
4	7738-4316	Ref	INPUT SHAFT ASSY (see page UN 3-39 for details)
5	7738-4570	Ref	FIRST CLUTCH ASSY (see page UN 3-40 for details)
6	No Number	Ref	TRANSMISSION CASE ASSY (see page UN 3-41 for details)

Item	Part No.	Qty.	Description Of Part
7	7738-4123	Ref	SECOND CLUTCH ASSY (see page UN 3-42 for details)
8	7738-4130	Ref	THIRD CLUTCH ASSY (see page UN 3-43 for details)
9	7738-4028	1	SHIFT COLLAR
10	No Number	Ref	OUTPUT SHAFT & DISCONNECT GROUP (see page UN 3-44 for details)
11	7738-4300	1	COMPANION FLANGE
12	7738-3313	1	SPEEDOMETER SENDING UNIT
13	7738-3166	1	TRANSMISSION WIRING HARNESS EXTENSION
14	8668-3480	2	BUTT CONNECTOR
15	7738-3329	1	SEAL WASHER
16	7716-3239	1	SPADE TERMINAL, MALE

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DRIVE LINE COMPONENTS
Front Cover Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

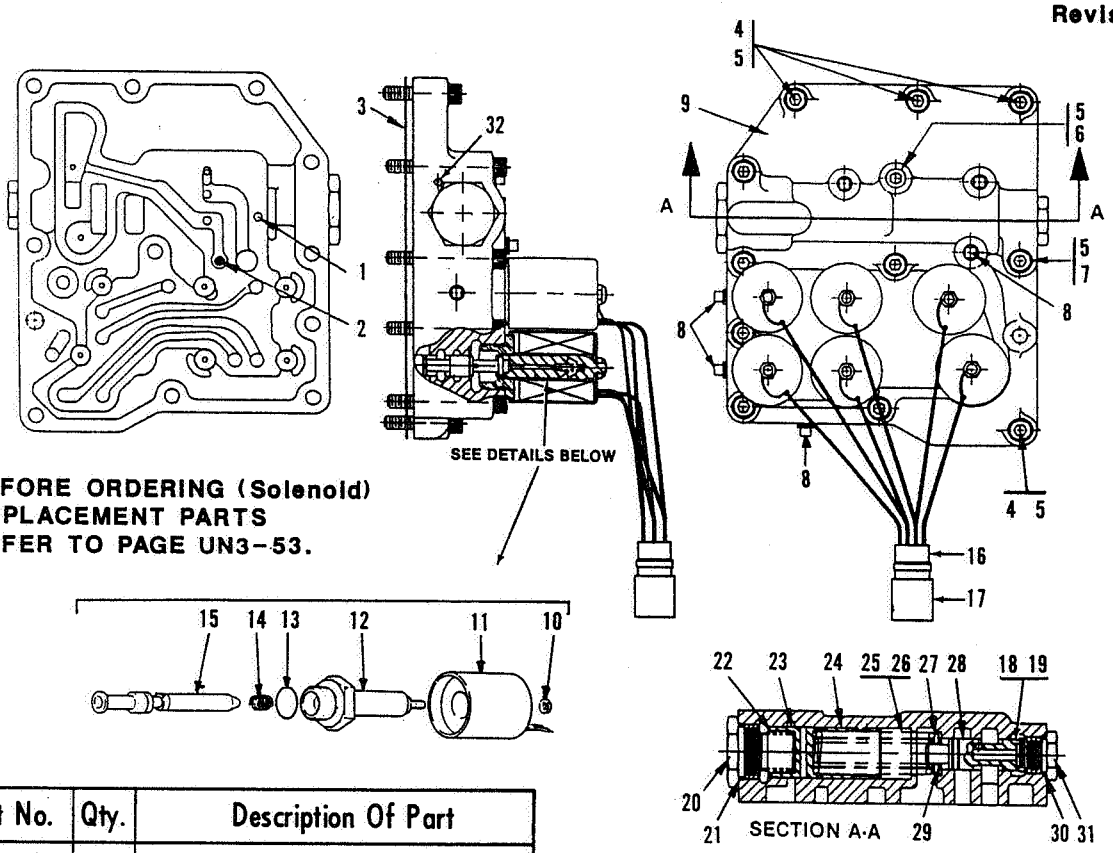




Item	Part No.	Qty.	Description Of Part
1	7738-4301	1	FRONT COVER ASSY (includes items 2 thru 9)
2	7738-4302	6	BALL
3	7738-4303	1	BALL
4	7738-4567	1	ORIFICE PLUG
5	7738-4066	1	RELIEF VALVE ASSY
6	7738-4305	3	BORE SLEEVE
7	7738-4306	1	VALVE BODY GASKET
8	7738-4307	1	VALVE SPACER
9	7738-4308	4	HEX HD CAPSCREW
10	7738-4076	4	SOCKET HD CAPSCREW
11	7738-4309	4	HEX NUT
12	7738-4310	2	HEX HD CAPSCREW
13	7738-4070	2	HEX HD CAPSCREW
14	7738-4311	1	SOCKET HD CAPSCREW
15	7738-4068	1	HEX HD CAPSCREW
16	7738-4075	1	BREATHER
17	9040-1487	1	OIL SEAL

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DRIVE LINE COMPONENTS
Control Valve Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-91



BEFORE ORDERING (Solenoid) REPLACEMENT PARTS REFER TO PAGE UN3-53.

Item	Part No.	Qty.	Description Of Part
	7738-4423	1	CONTROL VALVE ASSY, W/TWO WIRE COIL, 1/4-20 THREADED STOP NUT, 1/4-20 THREADED CORE AND COIL & PIN WITH 0.28 DIAMETER HOLE. (includes all items except where noted)
	7738-4551	1	CONTROL VALVE ASSY, W/TWO WIRE COIL, 7/16-20 THREADED STOP NUT, 7/16-20 THREADED CORE AND COIL & PIN WITH 0.47 DIAMETER HOLE. (includes all items except where noted)
	7738-4552	1	SOLENOID KIT (USE WITH 7738-4551 CONTROL VALVE)(includes items 10 thru 15)
1	7738-4214	1	DOWEL PIN
2	7738-4215	1	ORIFICE PLUG
3	7738-4216	1	GASKET
4	7738-4312	4	SOCKET HD CAPSCREW
5	7738-4218	12	FLAT WASHER
6	7738-4410	1	SOCKET HD CAPSCREW
7	7738-4313	7	SOCKET HD CAPSCREW
8	7738-4222	6	PIPE PLUG (USE WITH 7738-4423 CONTROL VALVE)
	7738-4553	6	PIPE PLUG (USE WITH 7738-4551 CONTROL VALVE)
9	7738-4220	1	BODY
10		6	STOP NUT
11	7738-3600	6	COIL & PIN ASSY (2 WIRE COIL WITH 0.47 DIAMETER HOLE)(SEE NOTE)
12		6	CORE ASSY
13		6	O RING
14		6	SOLENOID SPRING
15		6	SOLENOID PLUNGER ASSY

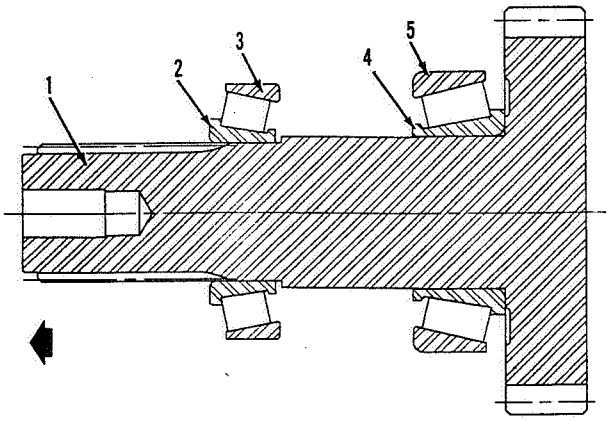
Item	Part No.	Qty.	Description Of Part
16	7738-4229	1	PLUG
17	7738-4557	1	CONNECTOR KIT
18	7738-4558	1	ORIFICE PLATE (USE WITH 7738-4551 CONTROL VALVE ONLY)
19	7738-4559	1	SNAP RING (USE WITH 7738-4551 CONTROL VALVE ONLY)
20	7738-4245	1	DUMP VALVE PLUG
21	7738-4246	1	O RING
22	7738-4244	1	DUMP VALVE SPRING
23	9020-1223	1	DUMP VALVE
24	7738-4243	1	ACCUMULATOR PISTON
25	7738-4314	1	REGULATOR SPRING, OUTER
26	7738-4315	1	REGULATOR SPRING, INNER
27	7738-4241	1	WASHER
28	7738-4239	1	SPOOL ASSY (USE WITH 7738-4423 CONTROL VALVE)
	7738-4560	1	SPOOL ASSY (USE WITH 7738-4551 CONTROL VALVE)
29	7738-4240	1	SPRING SHIM
30	9020-1230	1	O RING
31	7738-4238	1	PLUG
32	7738-4561	1	BALL
			NOTE: USE P/N 7738-3565 TWO WIRE COIL & PIN WITH 0.28 DIAMETER HOLE, TO SERVICE COILS ON CONTROL VALVE ASSEMBLY P/N 7738-4423

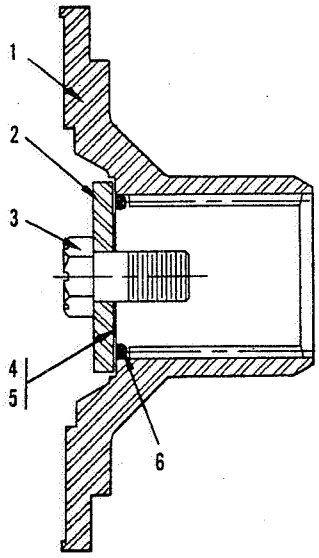
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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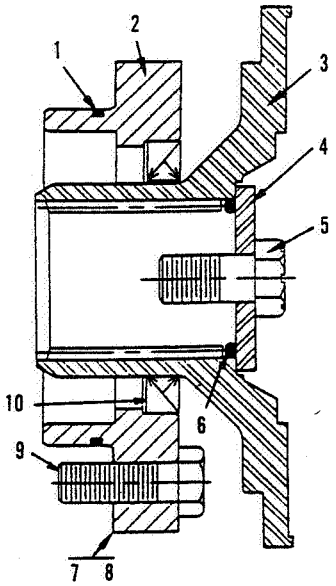
DRIVE LINE COMPONENTS
Input Shaft Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

Item	Part No.	Qty.	Description Of Part
	7738-4316	1	INPUT SHAFT GROUP ASSY (includes all items)
1	7738-4317	1	INPUT SHAFT
2	7738-4318	1	BEARING CONE
3	7738-4319	1	BEARING CUP
4	7738-4320	1	BEARING CONE
5	7738-4321	1	BEARING CUP





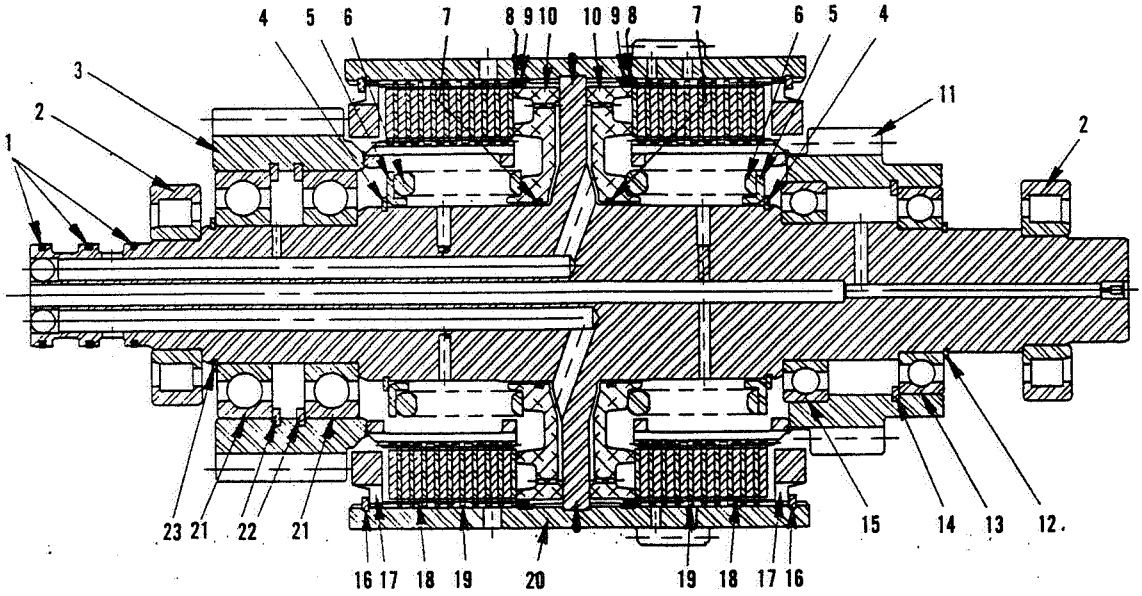
Item	Part No.	Qty.	Description Of Part
	7738-4322	1	COMPANION FLANGE GROUP ASSY (includes all items)
1	7738-4323	1	INPUT SHAFT COMPANION FLANGE
2	7738-4137	1	YOKE WASHER
3	7738-4569	1	PLACE BOLT
4	7738-4324	1	SHIM PACK (includes item 5)
5	7738-4325	2	SHIM (.002 THICK)
	7738-4326	2	SHIM (.003 THICK)
	7738-4327	2	SHIM (.005 THICK)
	7738-4328	2	SHIM (.010 THICK)
	7738-4329	2	SHIM (.020 THICK)
6	9020-1290	1	O RING



Item	Part No.	Qty.	Description Of Part
1	7738-4148	1	O RING
2	7738-4149	1	BEARING RETAINER
3	7738-4150	1	OUTPUT SHAFT COMPANION FLANGE
4	7738-4137	1	YOKE WASHER
5	7738-4569	1	PLACE BOLT
6	7738-4138	1	O RING
7	7738-4153	1	SHIM PACK (includes item 8)
8	7738-4154	3	SHIM (.020 THICK)
	7738-4155	3	SHIM (.005 THICK)
	7738-4156	4	SHIM (.007 THICK)
9	7738-4070	4	HEX HD CAPSCREW
10	9040-1487	1	OIL SEAL

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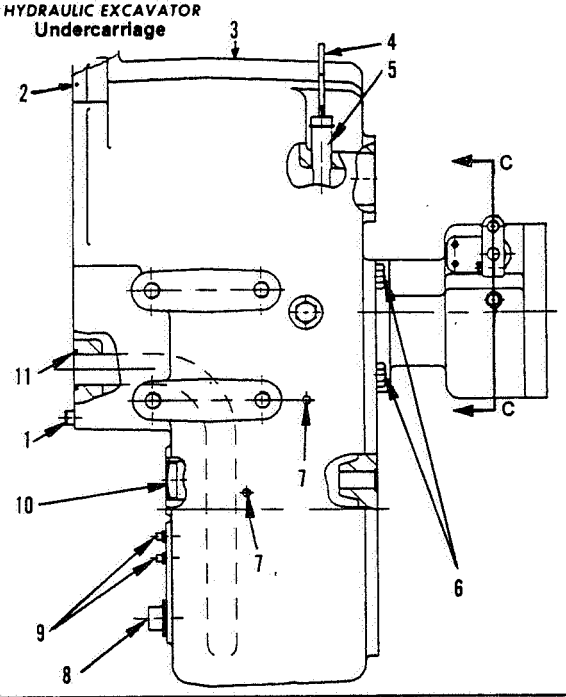
DRIVE LINE COMPONENTS
First Clutch Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

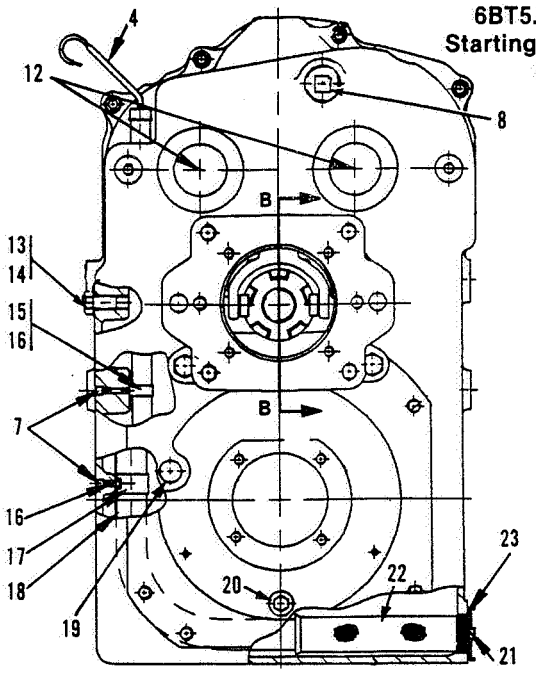


Item	Part No.	Qty.	Description Of Part
	7738-4570	1	FIRST CLUTCH ASSY (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4104	1	FIRST GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O RING
8	7738-4109	2	BACK UP RING
9	7738-4110	2	LIP SEAL RING
10	7738-4111	2	CLUTCH PISTON
11	7738-4112	1	FIRST GEAR ASSY
12	7738-4113	1	EXTERNAL SNAP RING
13	7738-4409	1	BEARING
14	7738-4114	1	SNAP RING
15	7738-4572	1	BEARING
16	7738-4116	2	SNAP RING
17	7738-4573	2	CLUTCH PLATE RETAINER
18	7738-4118	20	CLUTCH PLATE
19	9020-1179	20	CLUTCH SEPARATOR PLATE
20	7738-4119	1	FIRST CLUTCH SHAFT ASSY
21	7738-4120	2	BEARING
22	7738-4121	2	SNAP RING
23	7738-4122	1	SNAP RING

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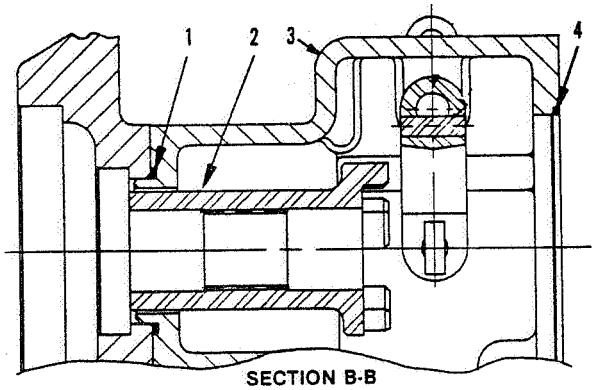
DRIVE LINE COMPONENTS
Main Case Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



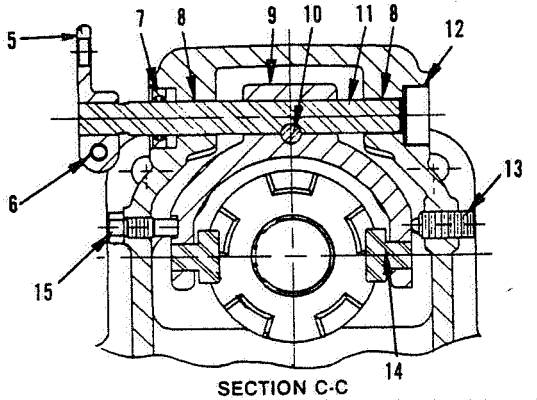


Item	Part No.	Qty.	Description Of Part
1	7738-4171	2	LOCATING BUSHING
2	7738-4574	1	GASKET
3	7738-4173	1	MAIN CASE
4	7738-4174	1	DIPSTICK
5	7738-4175	1	DIPSTICK TUBE
6	7738-4176	4	HEX HD CAPSCREW
7	9020-1239	2	BALL
8	7738-4177	2	PIPE PLUG
9	8697-4053	2	PIPE PLUG
10	7738-4179	1	EXPANSION PLUG
11	7738-4180	1	O RING
12	7738-4181	2	EXPANSION PLUG
13	7738-4182	1	HEX HD CAPSCREW

Item	Part No.	Qty.	Description Of Part
14	7738-4183	1	LOCK WASHER
15	7738-4184	1	DIPSTICK CLAMP
16	7738-4185	2	HEX HD CAPSCREW
17	7738-4186	1	TUBE CLAMP
18	7738-4187	1	SUCTION TUBE
19	7738-4188	1	EXPANSION PLUG
20	7738-4189	1	PIPE PLUG
21	7738-4190	1	SUCTION SCREEN GROUP (includes item 22 & 23)
22	7738-4191	1	SUCTION SCREEN
23	7738-4192	1	GASKET



SECTION B-B



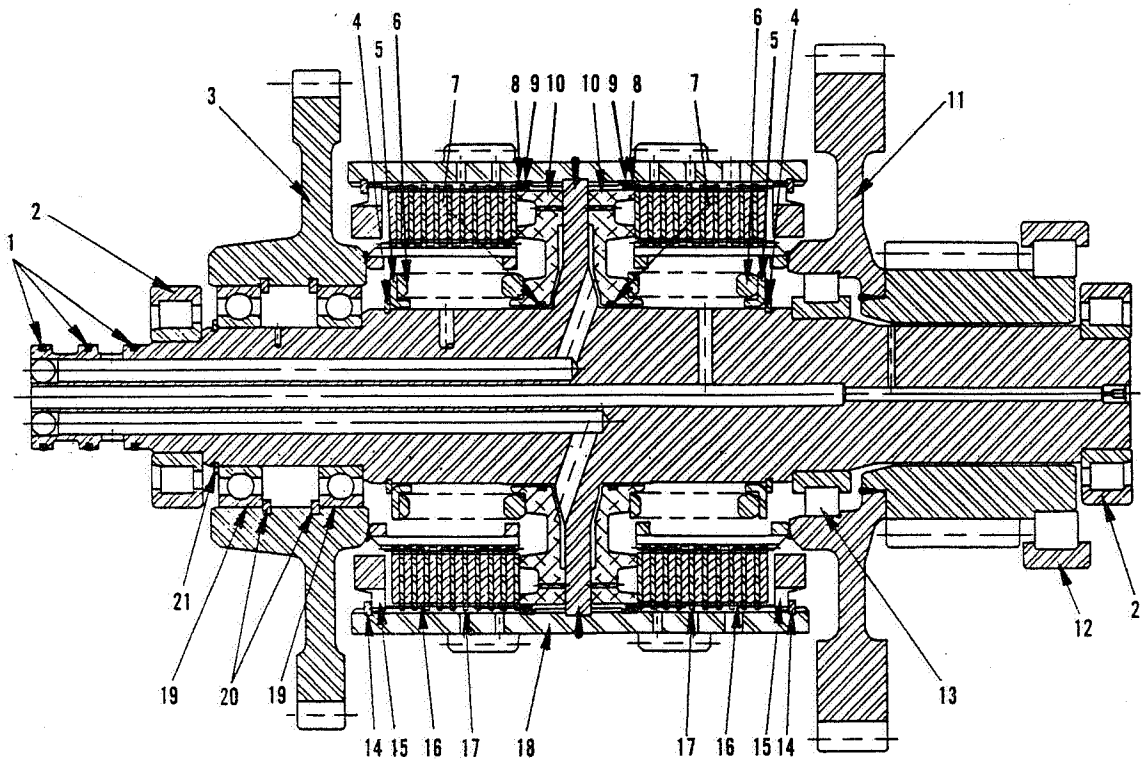
SECTION C-C

Item	Part No.	Qty.	Description Of Part
1	7738-4157	1	O RING
2	7738-4158	1	SHAFT ADAPTER
3	7738-4159	1	INPUT HOUSING
4	7738-4160	1	O RING
5	7738-4161	1	SHIFTER ARM
6		Ref	HEX HD CAPSCREW (see page UN 3-19 for details)
7	9020-1236	1	OIL SEAL
8	7738-4162	2	BUSHING

Item	Part No.	Qty.	Description Of Part
9	7738-4163	1	SHIFT FORK
10	7738-4164	1	DOWEL PIN
11	7738-4165	1	SHIFTER SHAFT
12	7738-4166	1	CUP PLUG
13	7738-4167	1	SPRING PLUNGER
14	7738-4168	2	DISCONNECT FORK
15	7738-4575	1	FORK STOP BOLT

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DRIVE LINE COMPONENTS
Second Clutch Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

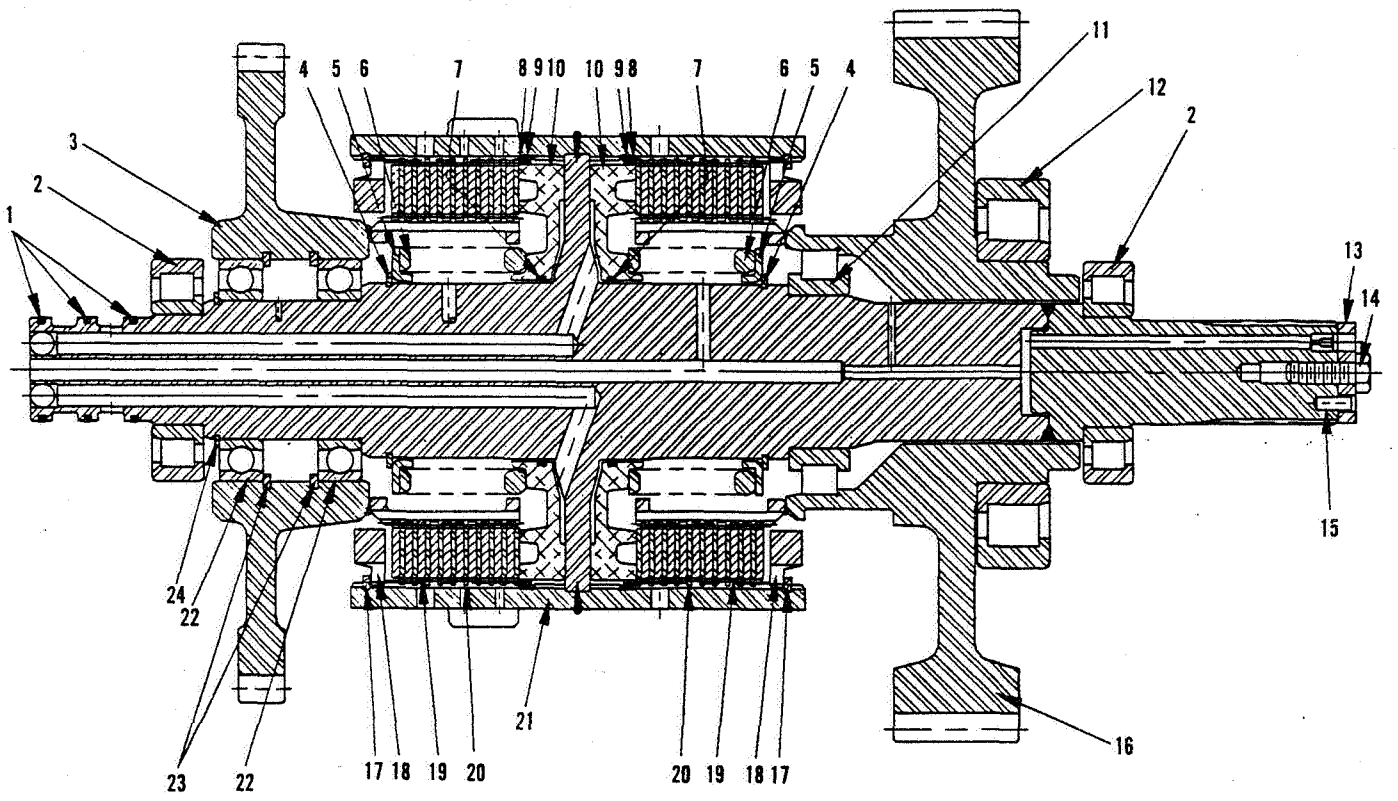


Item	Part No.	Qty.	Description Of Part
	7738-4123	1	SECOND CLUTCH ASSY (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4124	1	SECOND GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O RING
8	7738-4109	2	BACK UP RING
9	7738-4110	2	LIP SEAL RING
10	7738-4111	2	CLUTCH PISTON

Item	Part No.	Qty.	Description Of Part
11	7738-4125	1	SECOND GEAR ASSY
12	7738-4576	1	ROLLER BEARING
13	7738-4127	1	BEARING
14	7738-4116	2	SNAP RING
15	7738-4573	2	CLUTCH PLATE RETAINER
16	7738-4118	20	CLUTCH PLATE
17	9020-1179	20	CLUTCH SEPARATOR PLATE
18	7738-4128	1	SECOND CLUTCH SHAFT ASSY
19	7738-4115	2	BEARING
20	7738-4129	2	SNAP RING
21	7738-4122	1	SNAP RING

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DRIVE LINE COMPONENTS
Third Clutch Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

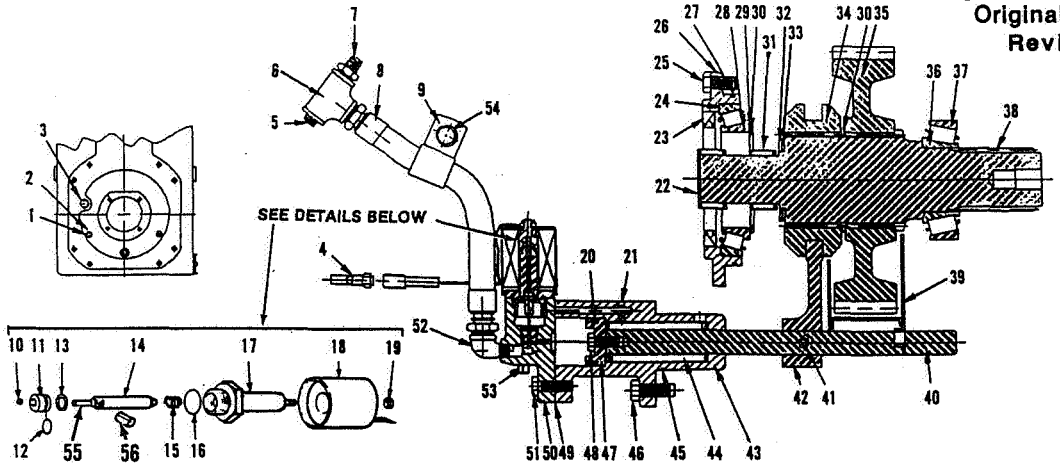


Item	Part No.	Qty.	Description Of Part
	7738-4130	1	THIRD CLUTCH ASSY (includes all items)
1	7738-4571	3	SEAL RING
2	9020-1496	2	BEARING
3	7738-4131	1	THIRD GEAR ASSY
4	7738-4105	2	RETAINING RING
5	7738-4106	2	SPRING RETAINER
6	7738-4107	2	CLUTCH RETURN SPRING
7	7738-4108	2	O RING
8	7738-4109	2	BACK UP RING
9	7738-4110	2	LIP SEAL RING
10	7738-4111	2	CLUTCH PISTON
11	7738-4127	1	BEARING

Item	Part No.	Qty.	Description Of Part
12	7738-4132	1	BEARING
13	7738-4133	1	WASHER
14	7738-4092	1	HEX HD CAPSCREW
15	7738-4134	1	ROLL PIN
16	7738-4135	1	THIRD GEAR ASSY
17	7738-4116	2	SNAP RING
18	7738-4573	2	CLUTCH PLATE RETAINER
19	7738-4118	20	CLUTCH PLATE
20	9020-1179	20	CLUTCH SEPARATOR PLATE
21	7738-4136	1	THIRD STAGE SHAFT ASSY
22	7738-4115	2	BEARING
23	7738-4129	2	SNAP RING
24	7738-4122	1	SNAP RING

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DRIVE LINE COMPONENTS
Output Shaft Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-90



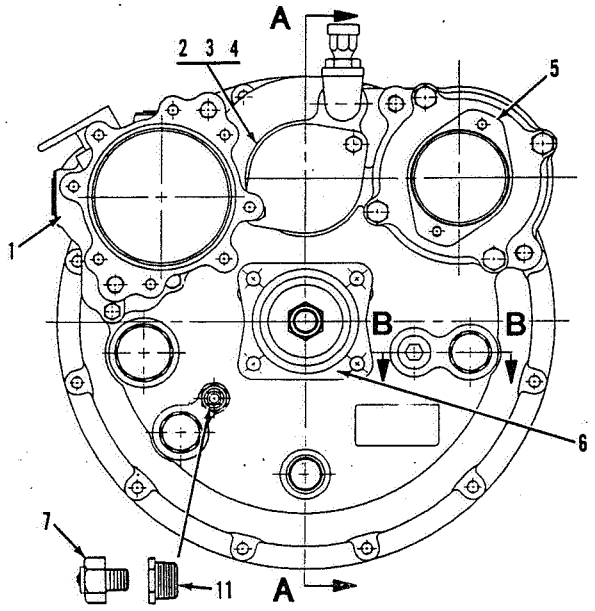
Item	Part No.	Qty.	Description Of Part
	7738-4330	1	OUTPUT SHAFT & DISCONNECT GROUP, W/TWO WIRE COIL, 1/4-20 THREADED STOP NUT, 1/4-20 THREADED CORE AND COIL & PIN WITH 0.28 DIAMETER HOLE (includes all item except where noted)
	7738-4562	1	OUTPUT SHAFT & DISCONNECT GROUP, W/TWO WIRE COIL, 7/16-20 THREADED STOP NUT, 7/16-20 THREADED CORE AND COIL & PIN WITH 0.47 DIAMETER HOLE (includes all items except where noted)
	7738-4508	1	SOLENOID KIT (use with 7738-4562 Output Shaft Group)(includes items 14 thru 19, 55,56
1	7738-4151	2	HEX HD CAPSCREW
2	7738-4032	2	WASHER
3	7738-4188	1	EXPANSION PLUG
4	7738-4331	1	CONNECTOR KIT (use with 7738-4330)
	7738-4563	1	CONNECTOR KIT (use with 7738-4562)
5	7738-4189	1	PLUG (use with 7738-4330)
	7738-4074	1	PLUG (use with 7738-4562)
6	7738-4332	1	TEE
7	7738-4333	1	NIPPLE
8	7738-4334	1	HOSE ASSY
9	7738-4335	1	HOSE CLAMP
10	7738-4364	1	BALL
11	7738-4365	1	BALL SEAT
12	7738-4336	1	O RING
13	7738-4366	1	SNAP RING
14	7738-4556	1	SOLENOID PLUNGER ASSY
15	7738-4231	1	SOLENOID SPRING
16	7738-4234	1	O RING
17	7738-4555	1	CORE ASSY, 7/16-20 THREAD-TOP
18	7738-3600	1	COIL & PIN ASSY (2 WIRE COIL WITH 0.47 DIAMETER HOLE)
19	7738-4554	1	STOP NUT, 7/16-20
20	7738-4337	1	LIP SEAL
21	7738-4338	1	BALL
22	7738-4339	1	NEEDLE BEARING, CLOSED
23	7738-4340	1	OIL SEAL
24	7738-4341	1	BEARING CUP
25	7738-4140	6	HEX HD CAPSCREW (use with 7738-4330)
	7738-4090	6	HEX HD CAPSCREW (use with 7738-4562)

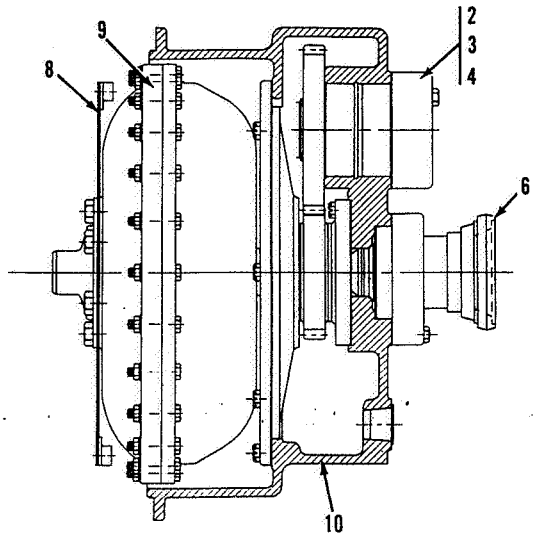
NOTE:

WHEN REPLACEMENT OF ITEMS 17, 18 OR 19 IS NECESSARY, FOR THE 7738-4330 OUTPUT SHAFT AND DISCONNECT GROUP, IT IS RECOMMENDED TO REPLACE ALL THE GROUPS EQUIVALENT PARTS USING THE SOLENOID KIT P/N 7738-4508. IF A COIL AND PIN ONLY IS REQUIRED, FOR THIS GROUP, ORDER P/N 7738-3565 TWO WIRE COIL AND PIN WITH A 0.28 DIAMETER HOLE.

Item	Part No.	Qty.	Description Of Part
26	7738-4342	1	BEARING RETAINER
27	7738-4142	1	O RING
28	7738-4343	1	BEARING CONE
29	7738-4344	1	SNAP RING RETAINER
30	7738-4147	2	SNAP RING
31	7738-4345	1	NEEDLE BEARING
32	7738-4346	1	THRUST RACE
33	7738-4347	1	THRUST BEARING
34	7738-4348	1	SHIFT COLLAR
35	7738-4349	1	OUTPUT SHAFT GEAR
36	7738-4144	1	BEARING CONE
37	7738-4143	1	BEARING CUP
38	7738-4350	1	OUTPUT SHAFT
39	7738-4351	1	BAFFLE ASSY
40	7738-4352	1	SHIFT SHAFT
41	7738-4353	1	PIN
42	7738-4354	1	SHIFT FORK
43	7738-4355	1	CYLINDER HOUSING
44	7738-4356	1	RETURN SPRING
45	7738-4357	1	O RING
46	7738-4358	2	HEX HD CAPSCREW
47	7738-4359	1	PISTON
48	7738-4360	1	HEX HD CAPSCREW
49	7738-4361	1	GASKET
50	7738-4362	1	SOLENOID CAP (use with 7738-4330)
	7738-4565	1	SOLENOID CAP (use with 7738-4562)
51	7738-4363	2	HEX HD CAPSCREW
52	7738-4368	1	ELBOW
53	7738-4553	1	PLUG (use with 7738-4565 Solenoid Cap)
54	7738-4566	1	WASHER
55	7738-4564	1	PIN ASSY
56	7738-4235	1	ROLL PIN

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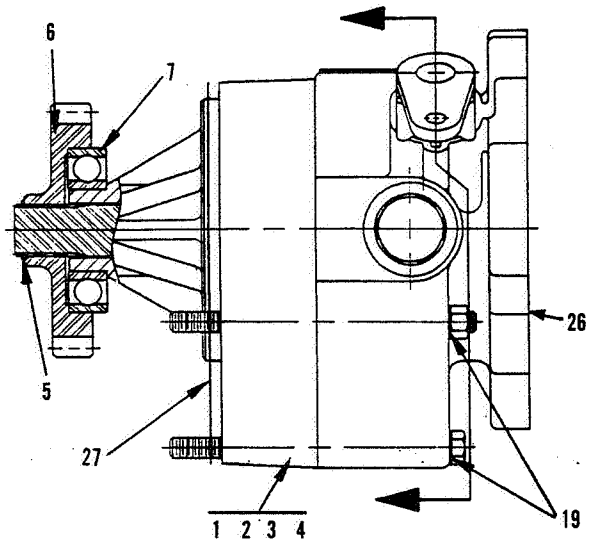


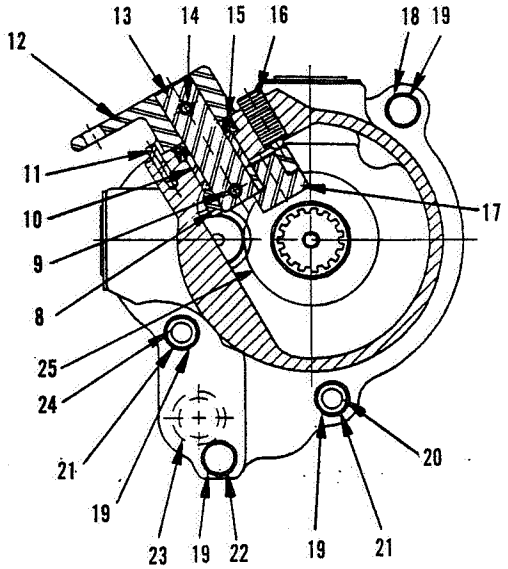


Item	Part No.	Qty.	Description Of Part
	7738-3163	1	TORQUE CONVERTER ASSY (includes all items)
1	7738-4194	Ref	CHARGE PUMP ASSY (see page UN 3-46 for details)
2	7738-4369	1	COVER PLATE
3	7738-4370	1	GASKET
4	7738-4371	2	HEX HD CAPSCREW
5	7738-4375	Ref	PUMP ADAPTER ASSY (see page UN 3-47 for details)
6	7738-4372	1	YOKE
7	7738-3022	1	OIL TEMPERATURE SENDER
8	No Number	Ref	DRIVE PLATE ASSY (see page UN 3-48 for details)
9	No Number	Ref	TORQUE CONVERTER ASSY (see page UN 3-48 for details)
10	No Number	Ref	PTO HOUSING ASSY (see page UN 3-49 for details)
11	8871-1385	1	REDUCING BUSHING, 1/2X1/8

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DRIVE LINE COMPONENTS
Charge Pump Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89





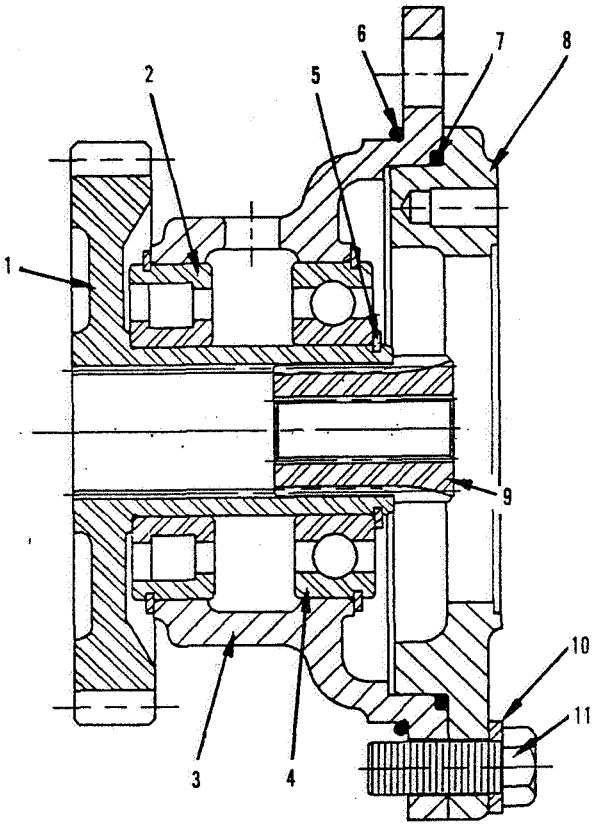
NOTE: WHEN REPLACING THE CHARGE PUMP ASSEMBLY BE CERTAIN TO REMOVE THE "SPRING LOADED PLUNGER", FURNISHED IN THE ASSEMBLY, AND REPLACE IT WITH ITEM 14. SCREW IN THE SET SCREW UNTIL THE HEAD IS FLUSH WITH THE PUMP SURFACE.

Item	Part No.	Qty.	Description Of Part
	7738-4193	1	CHARGE PUMP ASSY (includes items 1 thru 16)
1	7738-4194	1	CHARGE PUMP ASSY (includes items 2,3,4)
2	7738-4526	1	DRIVE GEAR & SHAFT SET
3	7738-4527	1	O RING
4	7738-4528	1	RETAINER RING
5	7738-4195	1	SNAP RING
6	7738-4196	1	GEAR
7	7738-4197	1	BEARING
8	7738-4198	1	DETENT SHIFT BLOCK
9	7738-4199	1	ROLL PIN
10	7738-4200	1	BEARING
11	7738-4201	1	ROLL PIN
12	7738-4202	1	SHIFT ARM
13	7738-4203	1	DISCONNECT SHAFT

Item	Part No.	Qty.	Description Of Part
14	7738-4204	1	ROLL PIN
15	7738-4206	1	OIL SEAL
16	8822-1276	1	SOCKET SET SCREW (FLAT POINT) 1/2-13x1/2 (See Note)
17	7738-4168	1	DISCONNECT FORK
18	7738-4205	1	HEX HD CAPSCREW
19	7738-4207	4	STAR WASHER
20	7738-4208	1	STUD
21	7738-4209	2	HEX NUT
22	7738-4210	1	HEX HD CAPSCREW
23	7738-4211	1	O RING
24	7738-4212	1	STUD
25	7738-4213	1	DISCONNECT SLEEVE
26	9020-1159	1	O RING
27	7738-4579	1	GASKET

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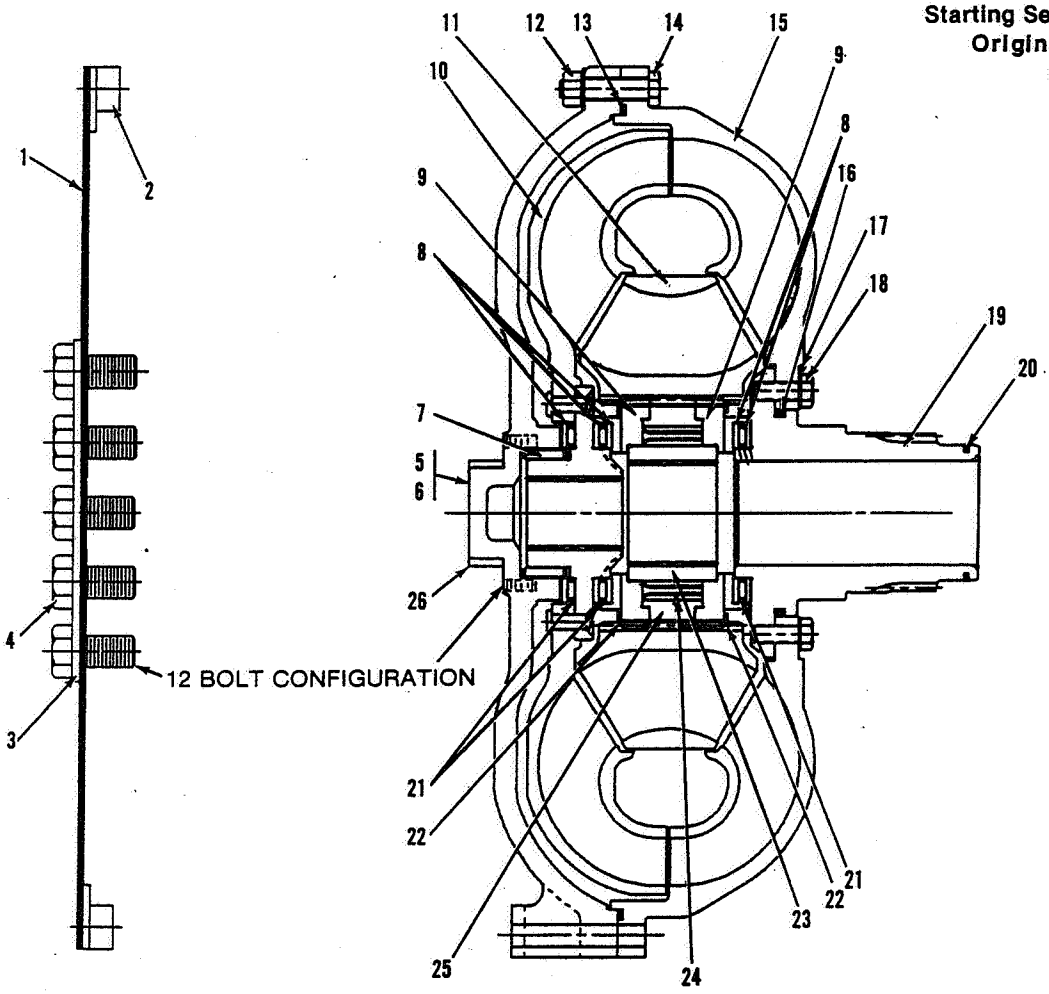
DRIVE LINE COMPONENTS
Power Steering Pump Adapter Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89



Item	Part No.	Qty.	Description Of Part
	7738-4374	1	PUMP ADAPTER GROUP (includes all items)
	7738-4375	1	ADAPTER ASSY (includes items 1 thru 5)
1	7738-4376	1	AUXILIARY PUMP GEAR
2	7738-4377	1	ROLLER BEARING
3	7738-4378	1	PUMP ADAPTER
4	9020-1157	1	BALL BEARING
5	7738-4380	1	SNAP RING
6	9020-1160	1	O RING
7	7738-4160	1	O RING
8	7738-4381	1	PLATE ADAPTER
9	7738-4382	1	ADAPTER SLEEVE
10	8697-4063	4	LOCK WASHER
11	7738-4070	4	HEX HD CAPSCREW

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DRIVE LINE COMPONENTS
Drive Plate & Converter
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 1-88
Revised 8-91



SEE PAGE UN3-48, REVISED 1-88, FOR
6 BOLT CONFIGURATION ON 4 x 4 MODELS.

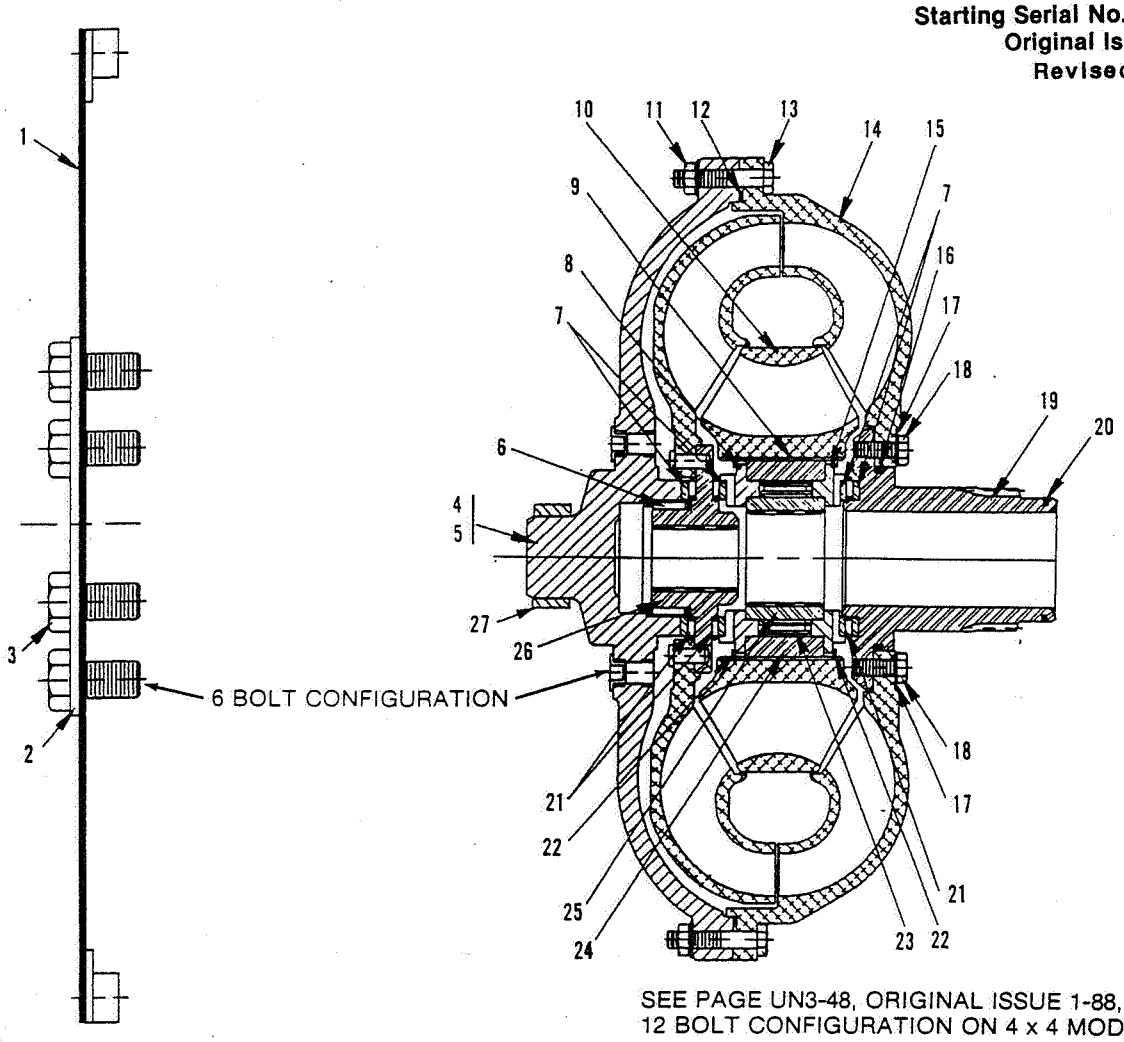
PLEASE NOTE:
THERE ARE TWO CONFIGURATIONS OF DRIVE PLATES AND TORQUE CONVERTERS USED IN THE 4 x 2 AND 4 x 4 TRANSMISSIONS. ONE CONFIGURATION USES SIX (6) BOLTS TO SECURE THE DRIVE PLATE TO THE CONVERTER AND THE OTHER CONFIGURATION USES TWELVE (12) BOLTS. THE INTERNAL PARTS BETWEEN BOTH CONFIGURATIONS ARE NOT INTERCHANGEABLE. WHEN ORDERING REPLACEMENT PARTS FOR YOUR DRIVE PLATE AND TORQUE CONVERTER, PLEASE BE SURE TO USE THE CORRECT PARTS PAGE THAT AGREES WITH YOUR 4 x 2 OR 4 x 4 TRANSMISSION.

Item	Part No.	Qty.	Description Of Part
	7738-4491	1	DRIVE PLATE GROUP ASSY (includes items 1 thru 4)
1	7738-4492	3	DRIVE PLATE
2	7738-4493	1	DRIVE PLATE ASSY
3	7738-4494	1	RING
4	7738-4101	12	HEX HD CAPSCREW
5	7738-4495	1	CONVERTER ASSY (includes items 6 thru 25)
6	7738-4496	1	FRONT COVER
7	7738-4046	1	BEARING
8	7738-4497	5	THRUST WASHER
9	7738-4498	2	CLUTCH RETAINER
10	7738-4499	1	TURBINE ASSY
11	7738-4500	1	CONVERTER STATOR
12	7738-4501	24	HEX NUT

Item	Part No.	Qty.	Description Of Part
13	9020-1123	1	O RING GASKET
14	7738-4502	24	HEX HD CAPSCREW
15	7738-4052	1	CONVERTER IMPELLER
16	9021-4001	1	O RING
17	9020-1440	12	LOCK WASHER
18	7738-4054	12	HEX HD CAPSCREW
19	7738-4503	1	IMPELLER HUB
20	7738-4056	1	SEAL RING
21	9020-1459	3	NEEDLE THRUST BEARING
22	7738-4504	2	INTERNAL RETAINING RING
23	7738-4059	1	INNER CLUTCH RACE
24	9020-1446	1	SPRAG CLUTCH ASSY
25	7738-4505	1	OUTER CLUTCH RACE
26	7738-3415	1	PILOT BUSHING (1.815" LONG)

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DRIVE LINE COMPONENTS
Drive Plate & Converter
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 12-88



SEE PAGE UN3-48, ORIGINAL ISSUE 1-88, FOR 12 BOLT CONFIGURATION ON 4 x 4 MODELS.

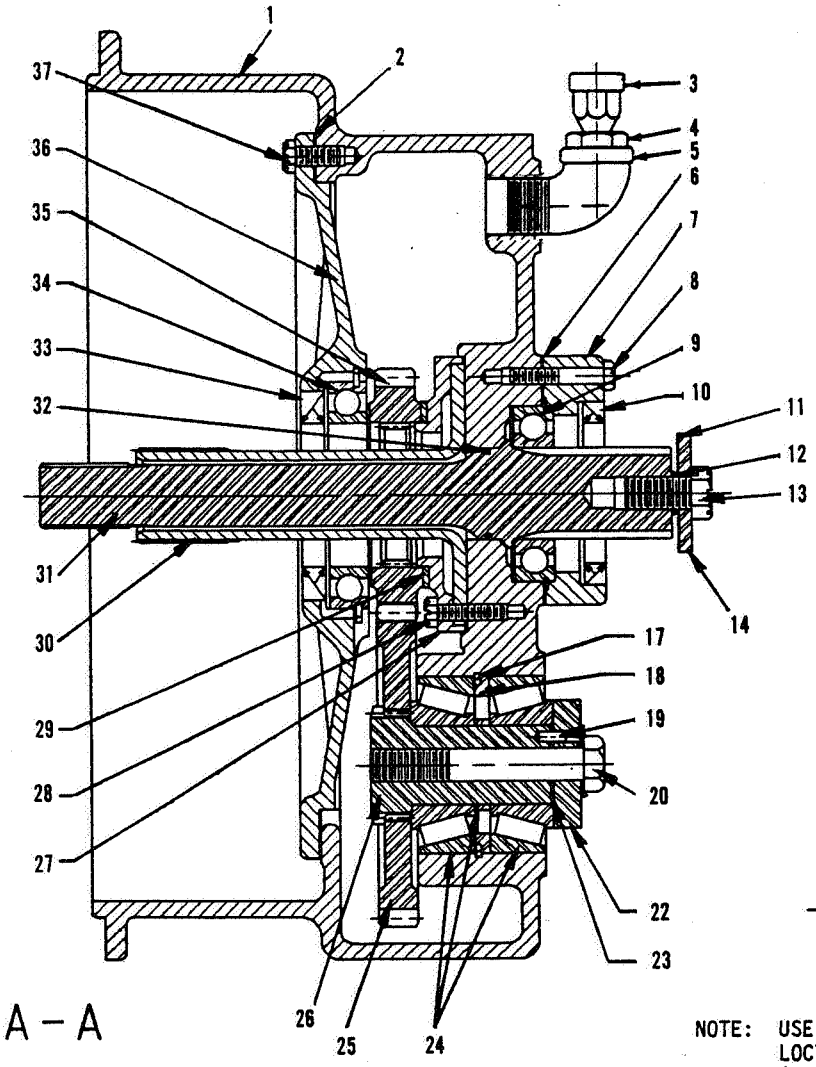
PLEASE NOTE:
THERE ARE TWO CONFIGURATIONS OF DRIVE PLATES AND TORQUE CONVERTERS USED IN THE 4 x 2 AND 4 x 4 TRANSMISSIONS. ONE CONFIGURATION USES SIX (6) BOLTS TO SECURE THE DRIVE PLATE TO THE CONVERTER AND THE OTHER CONFIGURATION USES TWELVE (12) BOLTS. THE INTERNAL PARTS BETWEEN BOTH CONFIGURATIONS ARE NOT INTERCHANGEABLE. WHEN ORDERING REPLACEMENT PARTS FOR YOUR DRIVE PLATE AND TORQUE CONVERTER, PLEASE BE SURE TO USE THE CORRECT PARTS PAGE THAT AGREES WITH YOUR 4 x 2 OR 4 x 4 TRANSMISSION.

Item	Part No.	Qty.	Description Of Part
	7738-4040	1	DRIVE PLATE GROUP ASSY (includes items 1, 2, 3)
1	7738-4041	1	DRIVE PLATE ASSY
2	7738-4042	1	RING
3	7738-4043	6	HEX HD CAPSCREW
4	7738-4044	1	CONVERTER ASSY (includes items 5 thru 27)
5	7738-4045	1	FRONT COVER
6	7738-4046	1	BEARING
7	9020-1442	4	THRUST RACE
8	7738-4047	1	CLUTCH RETAINER
9	7738-4048	4	SQUARE KEY
10	7738-4049	1	STATOR
11	7738-4050	24	HEX NUT
12	9020-1123	1	O RING GASKET

Item	Part No.	Qty.	Description Of Part
13	7738-4051	24	HEX HD CAPSCREW
14	7738-4052	1	CONVERTER IMPELLER
15	7738-4053	1	CLUTCH RETAINER
16	9021-4001	1	O RING
17	9020-1440	12	LOCK WASHER
18	7738-4054	12	HEX HD CAPSCREW
19	7738-4055	1	IMPELLER HUB
20	7738-4056	1	SEAL RING
21	9020-1459	3	NEEDLE THRUST BEARING
22	7738-4057	2	RETAINING RING
23	9020-1446	1	SPRAG CLUTCH ASSY
24	7738-4058	1	OUTER CLUTCH RACE
25	7738-4059	1	INNER CLUTCH RACE
26	7738-4060	1	TURBINE ASSY
27	7738-3415	1	PILOT BUSHING (1.815" LONG)

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DRIVE LINE COMPONENTS
(7738-4383) P T O Housing
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-93



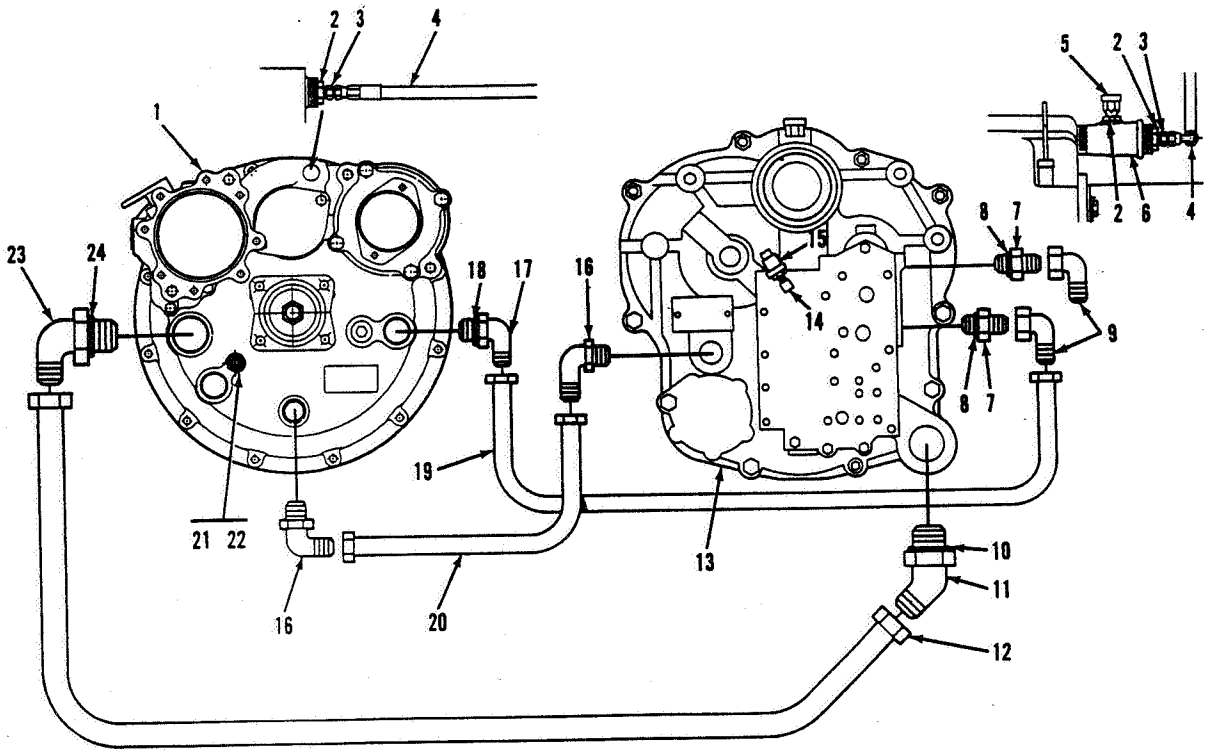
NOTE: USE A GOOD GRADE OF LOCTITE ON CAPSCREW (item 20) THREADS.

Item	Part No.	Qty.	Description Of Part
	7738-4383	1	PTO HOUSING GROUP (includes all items)
1	7738-4384	1	CONVERTER HOUSING
2	1440-4173	AR	SILICONE SEALANT
3	8369-1115	1	BREATHER
4	7738-4387	1	REDUCING BUSHING
5	7738-4388	1	PIPE PLUG
6	7738-4389	1	BEARING RETAINER GASKET
7	7738-4390	1	BEARING RETAINER
8	7738-4391	3	HEX HD CAPSCREW
9	7738-4392	1	BALL BEARING
10	7738-4393	1	OIL SEAL
11	7738-4394	1	WASHER GASKET
12	7738-4395	1	O RING
13	7738-4084	1	PLACE BOLT
14	7738-4137	1	YOKE WASHER
15	7738-4189	1	PIPE PLUG
16	7738-4396	1	PIPE PLUG
17	7738-4397	1	SNAP RING
18	7738-4398	1	BEARING SPACER
19	7738-4083	1	SPIRAL PIN

Item	Part No.	Qty.	Description Of Part
20	7738-4399	1	HEX HD CAPSCREW
22	7738-4401	1	WASHER
23	7738-4402	1	SHIM PACK
24	7738-4403	1	BEARING ASSY
25	7738-4081	1	IDLER GEAR
26	7738-4404	1	IDLER SHAFT
27	7738-4405	1	COVER PLATE
28	7738-4363	6	PLACE BOLT
29	7738-4079	1	THRUST WASHER
30	7738-4078	1	STATOR SUPPORT TUBE
31	7738-4407	1	TURBINE SHAFT
32	7738-4408	1	SEAL RING
33	7738-4095	1	OIL SEAL
34	9020-1430	1	BALL BEARING
35	7738-4093	1	IMPELLER HUB GEAR
36	7738-4091	1	BEARING RETAINER
37	7738-4090	7	PLACE BOLT

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DRIVE LINE COMPONENTS
Converter to Transmission Hydraulic Hoses
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D021
Original Issue 4-87
Revised 9-87

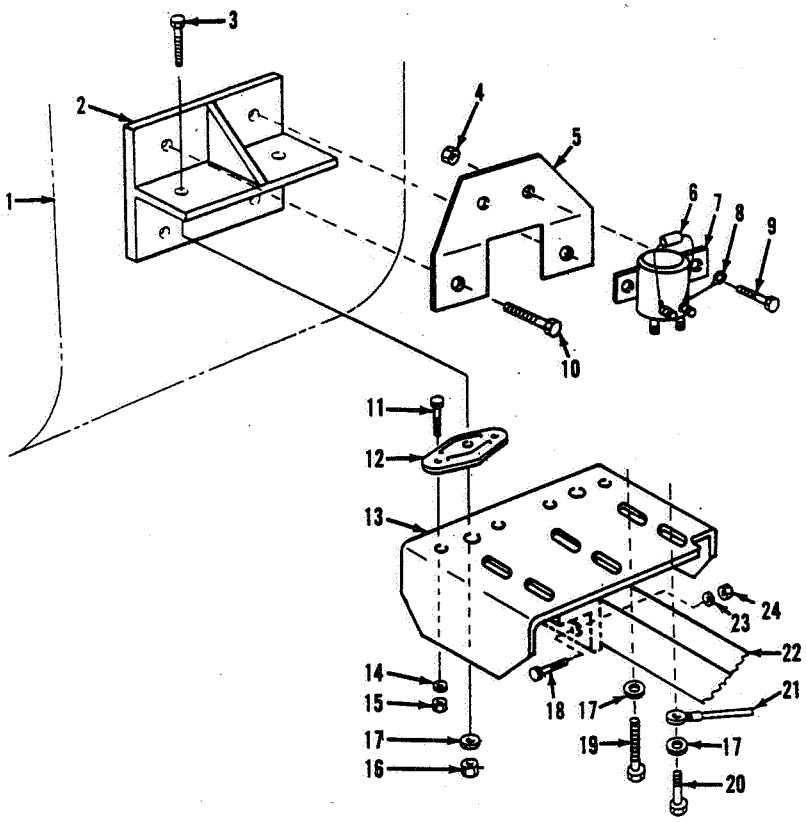


Item	Part No.	Qty.	Description Of Part
1		REF	TORQUE CONVERTER ASSY (see page UN 3-45 for details)
2	8871-1398	3	REDUCING BUSHING, 3/8X1-1/4
3	8874-3013	2	MALE ADAPTER, 3/8X3/8 TUBE
4	7713-3200	1	HOSE ASSY
5	7738-4075	1	BREATHER
6	8871-1145	1	STREET TEE, 1-1/4
7	8866-2010	2	CONNECTOR (includes item 8)
8	8859-1209	2	O-RING
9	8866-2124	2	ELBOW, 45 DEGREES, SWIVEL NUT
10	8859-1211	1	O-RING
11	8866-2091	1	ELBOW, 45 DEGREES, (includes item 10)
12	8471-7452	1	HOSE ASSY

Item	Part No.	Qty.	Description Of Part
13		REF	TRANSMISSION ASSY (see page UN 3-36 for details)
14	8871-2011	1	ELBOW, 90 DEGREES, 1/8
15	7738-3023	1	CONVERTER PRESSURE SENDER
16	8866-1121	2	MALE ELBOW, 90 DEGREES
17	8866-2333	1	ELBOW, 90 DEGREES
18	8859-1211	1	O-RING
19	8471-7052	1	HOSE ASSY
20	8471-6861	1	HOSE ASSY
21	8871-1385	1	REDUCING BUSHING, 1/2X1/8
22	7738-3022	1	CONVERTER TEMPERATURE SENDER
23	8866-2069	1	ELBOW, 90 DEGREES (includes item 24)
24	8859-1211	1	O-RING

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DRIVE LINE COMPONENTS
Transmission Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D062
Original Issue 9-87

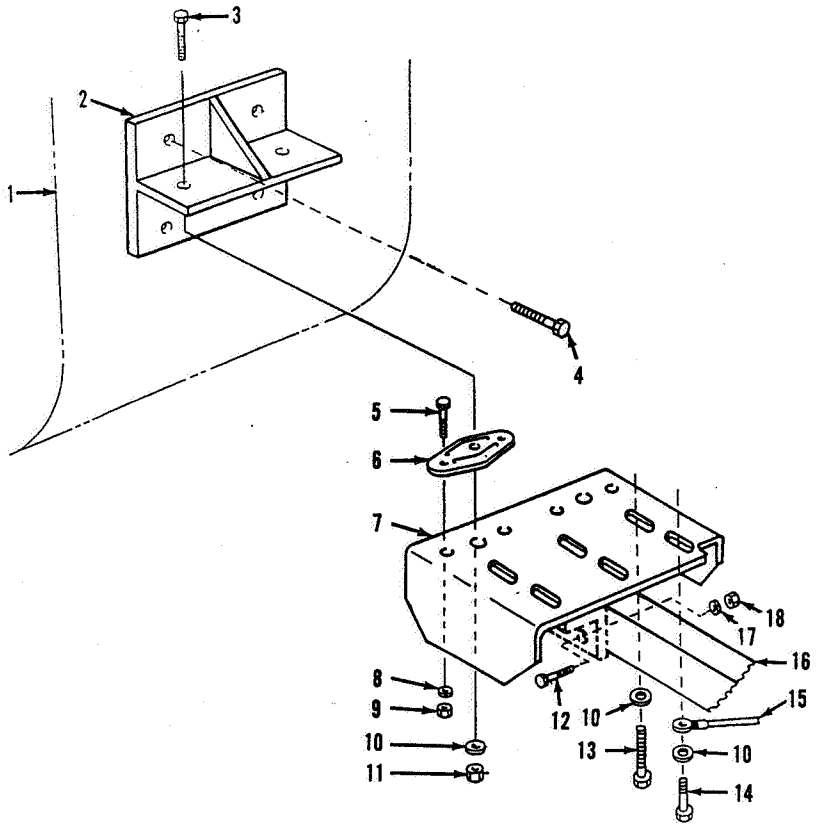


Item	Part No.	Qty.	Description Of Part
1	7738-3162	1	TRANSMISSION ASSY (includes all items on pages UN 3-36 thru UN 3-44)
2	7738-6015	2	TRANSMISSION MOUNT
3	8820-1104	4	HEX HD CAPSCREW, 5/8-11X3-3/4, GR5
4	8852-1304	2	HEX LOCK NUT, 1/4-20
5	7738-1417	1	MOUNTING BRACKET
6	7738-3206	1	DIODE
7	7710-3122	1	RELAY
8	7738-3332	1	GROUND JUMPER WIRE
9	8820-1003	2	HEX HD CAPSCREW, 1/4-20X3/4, GR5
10	8820-1109	8	HEX HD CAPSCREW, 3/4-10X1-1/2, GR5
11	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
12	7738-3069	4	CENTER BOND MOUNT
13	7738-6079	2	TRANSMISSION MOUNTING BRACKET (4X4 MACHINES ONLY)
	7738-1474	1	SHIM (4X2 MACHINES ONLY)
14	7738-1205	8	FLAT WASHER, 3/8
15	8850-1006	8	HEX NUT, 3/8-16
16	8850-1010	4	HEX NUT, 5/8-11
17	8856-1008	16	FLAT WASHER, 5/8
18	8820-1052	2	HEX HD CAPSCREW, 7/16-14X1-1/2, GR5, (SEE NOTE)
19	8820-1100	3	HEX HD CAPSCREW, 5/8-11X2-3/4, GR5, (SEE NOTE)
20	8820-1099	9	HEX HD CAPSCREW, 5/8-11X2-1/2, GR5
21	8687-1097	1	GROUND WIRE
22		REF	AIR TANK SUPPORT (see page UN 6-7 for details)
23	8855-1012	2	LOCK WASHER, 7/16 (SEE NOTE)
24	8850-1007	2	HEX NUT, 7/16-14 (SEE NOTE)

NOTE: USED ON LEFT SIDE TRANSMISSION MOUNTING BRACKET INSTALLATION ONLY.

SHIM P/N 7738-1474 REPLACES TRANSMISSION MOUNTING BRACKET ON 4X2 MACHINES. USE (1) P/N 8820-1099 HEX HEAD CAPSCREW AND (1) P/N 8820-1100 HEX HEAD CAPSCREW TO SECURE SHIM.

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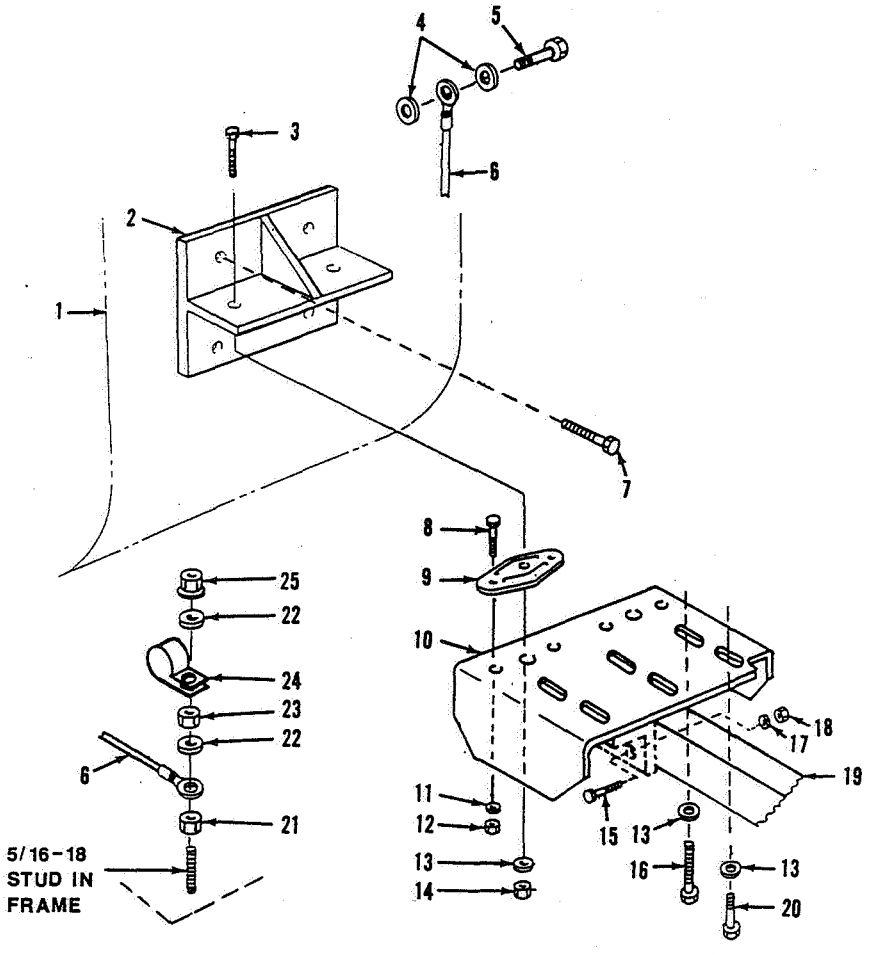
Item	Part No.	Qty.	Description Of Part
1	7738-3162	1	TRANSMISSION ASSY (includes all items on pages UN 3-36 thru UN 3-44)
2	7738-6015	2	TRANSMISSION MOUNT
3	8820-1104	4	HEX HD CAPSCREW, 5/8-11x13-3/4 GR5
4	8820-1109	8	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
5	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
6	7738-3069	4	CENTER BOND MOUNT
7	7738-6079	2	TRANSMISSION MOUNTING BRACKET (4x4 MACHINES ONLY)
	7738-1474	1	SHIM (4x2 MACHINES ONLY, SEE NOTE)
8	7738-1205	8	FLAT WASHER, 3/8
9	8850-1006	8	HEX NUT, 3/8-16
10	8856-1008	16	FLAT WASHER, 5/8
11	8850-1010	4	HEX NUT, 5/8-11
12	8820-1052	2	HEX HD CAPSCREW, 7/16-14x1-1/2 GR5, (SEE NOTE)
13	8820-1100	3	HEX HD CAPSCREW, 5/8-11x2-3/4 GR5, (SEE NOTE)
14	8820-1099	9	HEX HD CAPSCREW, 5/8-11x2-1/2 GR5
15	8687-1097	1	GROUND WIRE
16		Ref	AIR TANK SUPPORT (see page UN 6-7 for details)
17	8855-1012	2	LOCK WASHER, 7/16 (SEE NOTE)
18	8850-1007	2	HEX NUT, 7/16-14 (SEE NOTE)

NOTE: USED ON LEFT SIDE TRANSMISSION MOUNTING BRACKET INSTALLATION ONLY.

NOTE: SHIM P/N 7738-1474 REPLACES TRANSMISSION MOUNTING BRACKET ON 4x2 MACHINES. USE (1) P/N 8820-1099 HEX HD CAPSCREW AND (1) P/N 8820-1100 HEX HD CAPSCREW TO SECURE SHIM.

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DRIVE LINE COMPONENTS
Transmission Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89



Item	Part No.	Qty.	Description Of Part
1	7738-3162	1	TRANSMISSION ASSY (includes all items on pages UN3-36 thru UN3-44)
2	7738-6015	2	TRANSMISSION MOUNT
3	8820-1104	4	HEX HD CAPSCREW, 5/8-11x3-3/4 GR5
4	8856-1006	2	FLAT WASHER
5	8820-1063	1	HEX HD CAPSCREW, 1/2-13x3/4 GR5
6	7738-3563	1	GROUND CABLE
7	8820-1109	8	HEX HD CAPSCREW, 3/4-10x1-1/2 GR5
8	8820-1036	8	HEX HD CAPSCREW, 3/8-16x1-1/4 GR5
9	7738-3069	4	CENTER BOND MOUNT
10	7738-6079	2	TRANSMISSION MOUNTING BRACKET (4x4 MACHINES ONLY)
	7738-1474	1	SHIM (4x2 MACHINES ONLY)(SEE NOTE)
11	7738-1205	8	FLAT WASHER, 3/8
12	8850-1006	8	HEX NUT, 3/8-16
13	8856-1008	16	FLAT WASHER, 5/8
14	8850-1010	4	HEX NUT, 5/8-11
15	8820-1052	2	HEX HD CAPSCREW, 7/16-14x1-1/2 GR5 (SEE NOTE)
16	8820-1100	3	HEX HD CAPSCREW, 5/8-11x2-3/4 GR5 (SEE NOTE)

Item	Part No.	Qty.	Description Of Part
17	8855-1012	2	LOCK WASHER, 7/16 (SEE NOTE)
18	8850-1007	2	HEX NUT, 7/16-14 (SEE NOTE)
19	8368-6110	Ref	AIR TANK SUPPORT (see page UN6-7 for details)
20	8820-1099	9	HEX HD CAPSCREW, 5/8-11x2-1/2 GR5
21	8850-1105	1	HEAVY HEX JAM NUT, 5/16-18
22	8856-1108	2	FLAT WASHER, 5/16
23	8850-1005	1	HEX NUT, 5/16-18
24	8594-1017	1	SUPPORT CLAMP
25	7714-3006	1	HEX LOCKNUT
			NOTE: ITEMS 15,17 & 18 USED ON LEFT SIDE TRANSMISSION MOUNTING BRACKET INSTALLATION ONLY.
			NOTE: SHIM P/N 7738-1474 REPLACES TRANSMISSION MOUNTING BRACKET ON 4x2 MACHINES. USE (1) P/N 8820-1099 HEX HD CAPSCREW AND (1) P/N 8820-1100 HEX HD CAPSCREW TO SECURE SHIM.

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FOR SERVICE ONLY

*MCM/TCU Assembly Replacement

G3WD SERIAL NUMBERS	7738-3059 "BLACK BOX" SYSTEM REPLACEMENT	FIRST MCM CONTROL REPLACEMENT	ALL OTHER MCM CONTROL REPLACEMENTS
84D001 THRU 01D371 EXCEPT SERIAL NUMBERS 01D342, 01D343 & ALL **TRACKSTAR MODELS	USE MCM/TCU INSTALLATION KIT 7731-5101 (COMPLETE)	USE REPLACEMENT KIT "A" 7731-5103 (KIT INCLUDES MCM ASSY 7738-3738 & THREE EACH OF 8820-1001 HEX HD CAPSCREWS & 8855-1009 LOCK-WASHERS)	USE REPLACEMENT KIT "A" 7731-5103
01D372 THRU 01D411 INCLUDES SERIAL NUMBERS 01D342 & 01D343, BUT EXCLUDES ALL **TRACKSTAR MODELS	NOT APPLICABLE	USE REPLACEMENT KIT "B" 7731-5104 (KIT "B" INCLUDES ADAPTER BRACKET KIT 7731-5102 & MCM KIT 7731-5105) ADAPTER BRACKET KIT INCLUDES 7738-1609 BENT PLATE & THREE EACH OF 8820-1001 HEX HD CAPSCREWS & 8855-1009 LOCKWASHERS MCM KIT INCLUDES MCM 7738-3596 & THREE EACH OF 8821-1068 SOCKET HD CAPSCREWS	USE REPLACEMENT KIT "C" 7731-5105 (KIT "C" INCLUDES MCM 7738-3596 & THREE EACH OF 8821-1068 SOCKET HD CAPSCREWS)
01D412 & UP ALSO INCLUDES **TRACKSTAR MODELS	NOT APPLICABLE	USE REPLACEMENT KIT "C" 7731-5105	USE REPLACEMENT KIT "C" 7731-5105

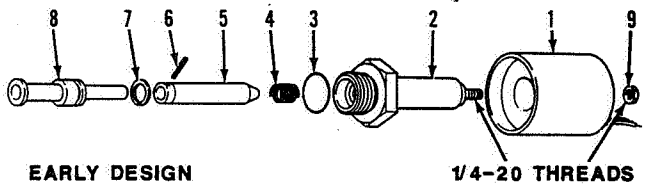
* MCM - MODE CONTROL MODULE
TCU - TRANSMISSION CONTROL UNIT SHIFTER
** "BLACK BOX" SUPPORT CONTINUES FOR TRACKSTAR MODELS

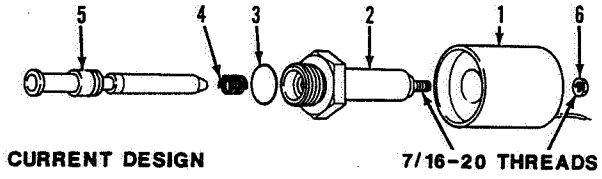
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FOR SERVICE ONLY

SERVICE NOTE:
EARLY TRANSMISSIONS WERE EQUIPPED WITH A SINGLE WIRE SOLENOID COIL WITH A 0.28 DIAMETER HOLE AND A CORE ASSEMBLY WITH 1/4-20 THREADS ON THE SMALL END. BETTER GROUNDING OF THE SOLENOID COIL WAS REQUIRED, SO ENGINEERING DEVELOPED A TWO WIRE COIL WITH A 0.47 DIAMETER HOLE AND A CORE ASSEMBLY WITH 7/16-20 THREADS ON THE SMALL END.

IF NECESSARY TO REPLACE "EARLY DESIGN" COILS AND CORES, IT IS REQUIRED TO REPLACE THESE PARTS USING SOLENOID KIT P/N 7738-4552. THIS KIT CONTAINS THE LATEST COIL AND CORE WITH A 0.47 HOLE AND 7/16-20 THREADS. A STOP NUT WITH 7/16-20 THREADS IS ALSO FURNISHED IN THE KIT. SEE DETAILS BELOW FOR OTHER COMPONENTS FOR EARLY AND CURRENT DESIGNS. ONE SOLENOID KIT IS REQUIRED FOR EACH SOLENOID REPLACEMENT.



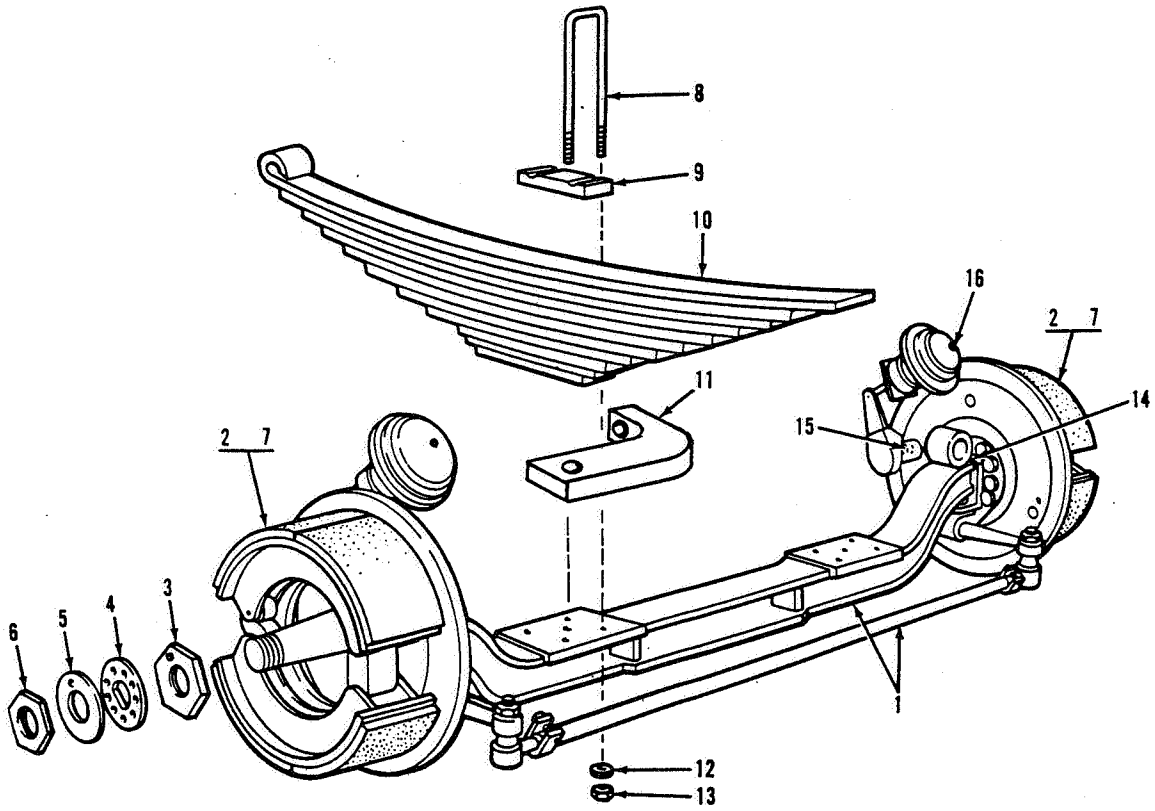


Item	Part No.	Qty.	Description Of Part
1		1	COIL ASSY W/0.28 DIA. HOLE (NO LONGER AVAILABLE FOR SERVICE) (PLEASE ORDER KIT P/N 7738-4552 FOR SERVICE REPLACEMENT)
2		1	CORE ASSY W/1/4-20 THREADS (NO LONGER AVAILABLE FOR SERVICE) (PLEASE ORDER KIT P/N 7738-4552 FOR SERVICE REPLACEMENT)
3	7734-4234	1	O-RING
4	7738-4231	1	SPRING
5	7738-4232	1	PLUNGER
6	7738-4235	1	ROLL PIN
7	7738-4236	1	SNAP RING
8	7738-4237	1	SPOOL
9	7738-4221	1	STOP NUT, 1/4-20 THREADS

Item	Part No.	Qty.	Description Of Part
	7738-4552	1	SOLENOID KIT (includes all items)
1	7738-3600	1	COIL ASSY W/0.47 DIA. HOLE
2	7738-4555	1	CORE ASSY W/7/16-20 THREADS
3	7738-4234	1	O-RING
4	7738-4231	1	SPRING
5		1	PLUNGER ASSY
6	7738-4554	1	STOP NUT, 7/16-20 THREADS
			ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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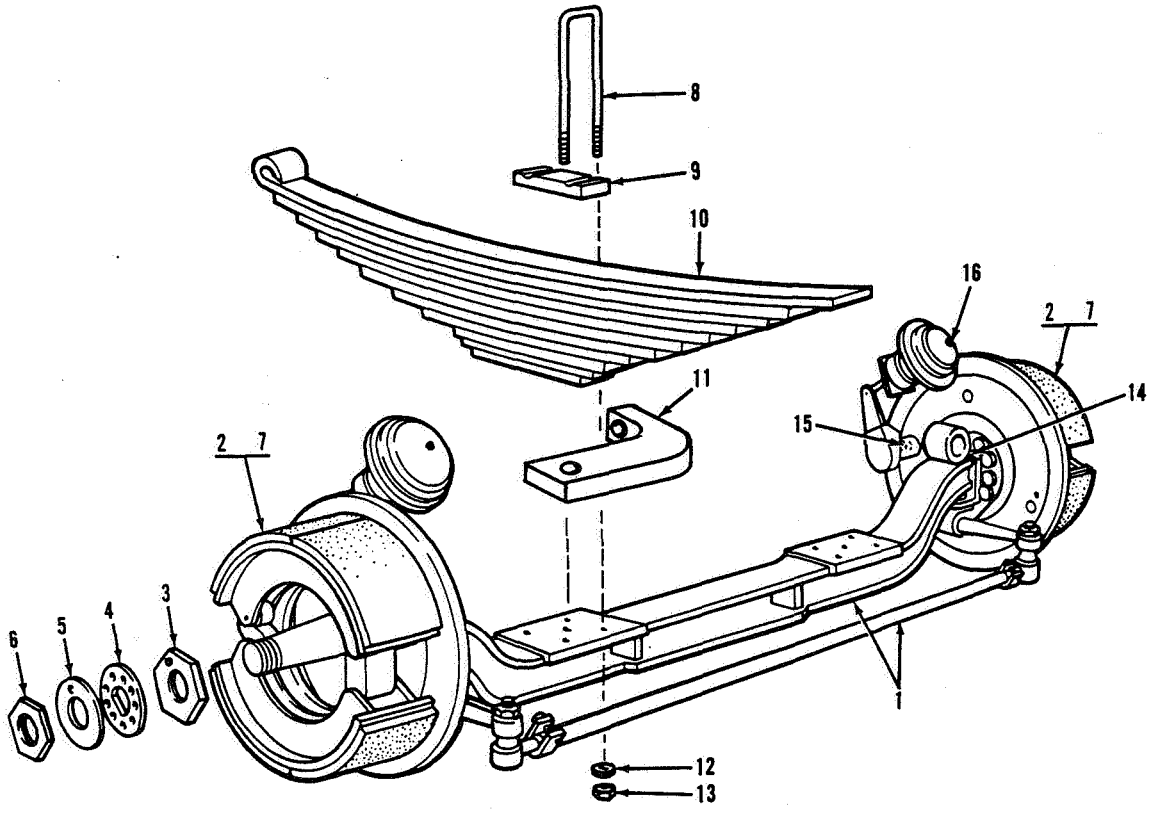
FRONT AXLE ASSEMBLY
Front Axle Assembly (w/Disc Wheels)
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-89



Item	Part No.	Qty.	Description Of Part
	7738-5039	1	FRONT AXLE ASSY (W/DISC WHEELS) (includes all items)
	7738-3317	1	FRONT AXLE ASSY (includes items 1 thru 7)
1	No Number	1	STEERING KNUCKLE & AXLE BEAM (see page UN 4-2 for details)
2	No Number	2	BRAKE SHOE ASSY (see page UN 4-3 for details)
3	8348-1437	2	INNER BEARING NUT
4	8307-1586	2	LOCK WASHER
5	8307-1587	2	FLAT WASHER
6	8307-1585	2	OUTER BEARING NUT
7	No Number	2	WHEEL & DRUM ASSY (see page UN 4-4 for details)
8	8668-1356	4	SPRING CLIP
9	8668-3039	2	CLIP SEAT
10	8368-3002	2	SPRING ASSY (see page UN 4-5 for details)
11	7738-6050	1	SEAT WELDMENT, L.H.
	7738-6049	1	SEAT WELDMENT, R.H.
12	8668-1572	8	FLAT WASHER
13	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
14	8867-1027	4	LUBE FITTING, 90 DEGREES, 1/8
15	8867-1018	2	LUBE FITTING, 45 DEGREES, 1/8
16	8871-1572	2	REDUCING BUSHING, 3/8X1/4

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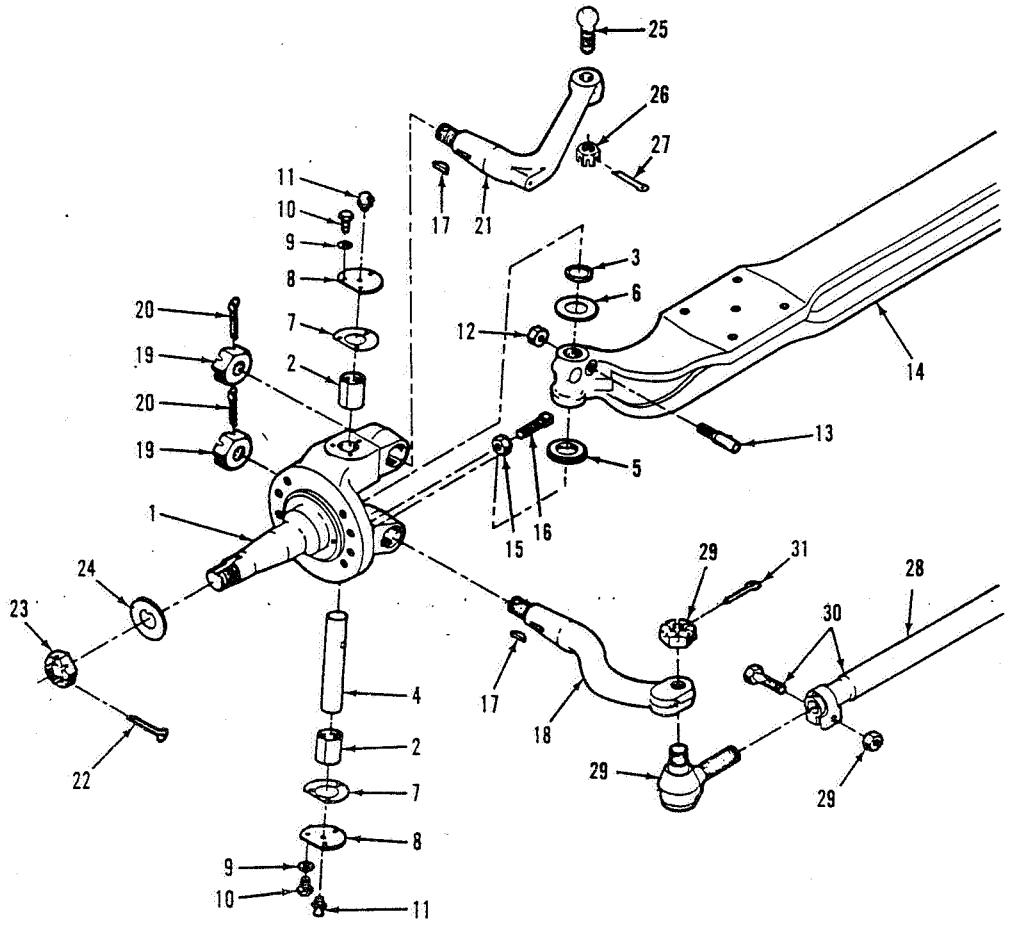
FRONT AXLE ASSEMBLY
Front Axle Assembly (w/Spoke Wheels)
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-89



Item	Part No.	Qty.	Description Of Part
	7738-5029	1	FRONT AXLE ASSY (W/SPOKE WHEELS) (includes all items)
	7738-3317	1	FRONT AXLE ASSY (includes items 1 thru 7)
1	No Number	1	STEERING KNUCKLE & AXLE BEAM (see page UN 4-2 for details)
2	No Number	2	BRAKE SHOE ASSY (see page UN 4-3 for details)
3	8348-1437	2	INNER BEARING NUT
4	8307-1586	2	LOCK WASHER
5	8307-1587	2	FLAT WASHER
6	8307-1585	2	OUTER BEARING NUT
7	No Number	2	WHEEL & DRUM ASSY (see page UN 4-4 for details)
8	8668-1356	4	SPRING CLIP
9	8668-3039	2	CLIP SEAT
10	8368-3002	2	SPRING ASSY (see page UN 4-5 for details)
11	7738-6050	1	SEAT WELDMENT, L.H.
	7738-6049	1	SEAT WELDMENT, R.H.
12	8668-1572	8	FLAT WASHER
13	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
14	8867-1022	4	LUBE FITTING, 90 DEGREES, 1/8
15	8867-1018	2	LUBE FITTING, 45 DEGREES, 1/8
16	8871-1572	2	REDUCING BUSHING, 3/8X1/4

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FRONT AXLE ASSEMBLY
Steering Knuckles & Axle Beam
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-89

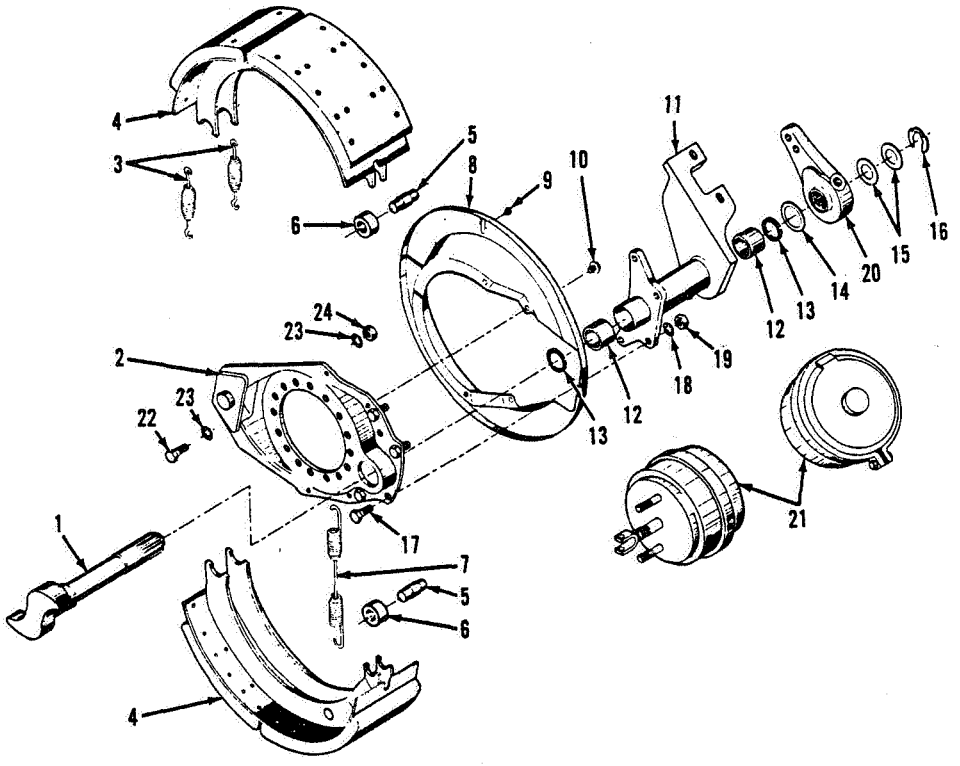


Item	Part No.	Qty.	Description Of Part
	8368-4376	1	STEERING KNUCKLE KIT (includes items 2 thru 13)
1	8368-4377	1	STEERING KNUCKLE ASSY, L.H. (includes items 2,3)
	8368-4851	1	STEERING KNUCKLE ASSY, R.H. (includes items 2,3)
2	8368-4379	4	BUSHING
3	8368-4380	2	SEAL
4	8368-4852	2	KNUCKLE PIN
5	8368-4382	2	BEARING ASSY
6	8368-4383	AR	SHIM (.005 THICK)
	8368-4384	AR	SHIM (.010 THICK)
	8368-4385	AR	SHIM (.015 THICK)
	8368-4386	AR	SHIM (.025 THICK)
7	8368-4387	4	GASKET
8	8368-4388	4	KNUCKLE CAP
9	8368-4389	12	FLAT WASHER
10	8368-4390	12	HEX HD CAPSCREW
11	8368-4391	4	LUBE FITTING, 90 DEGREES
12	8368-4392	2	LOCK NUT
13	8368-4393	2	DRAW KEY
14	8368-4394	1	AXLE BEAM
15	8368-4853	2	LOCK NUT
16	8368-4854	2	STOP SCREW

Item	Part No.	Qty.	Description Of Part
17	8368-4397	4	KEY
18	8368-4855	1	TIE ROD ARM, L.H.
	8368-4856	1	TIE ROD ARM, R.H.
19	8368-4400	4	HEX NUT
20	8368-4401	4	COTTER PIN
21	8368-4857	1	STEERING ARM, L.H.
22	8368-4404	2	COTTER PIN
23	8368-4405	2	HEX NUT
24	8368-4406	2	WASHER
25	8368-4848	1	BALL STUD
26	8368-4849	1	HEX NUT
27	8368-4850	1	COTTER PIN
28	8368-4407	1	CROSS TUBE & SOCKET ASSY (includes items 29,30)
29	8368-4408	1	SOCKET ASSY, L.H.
	8368-4409	1	SOCKET ASSY, R.H.
30	8368-4410	1	CROSS TUBE ASSY
31	8368-4858	2	COTTER PIN

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FRONT AXLE ASSEMBLY
Brake Shoe Assembly
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

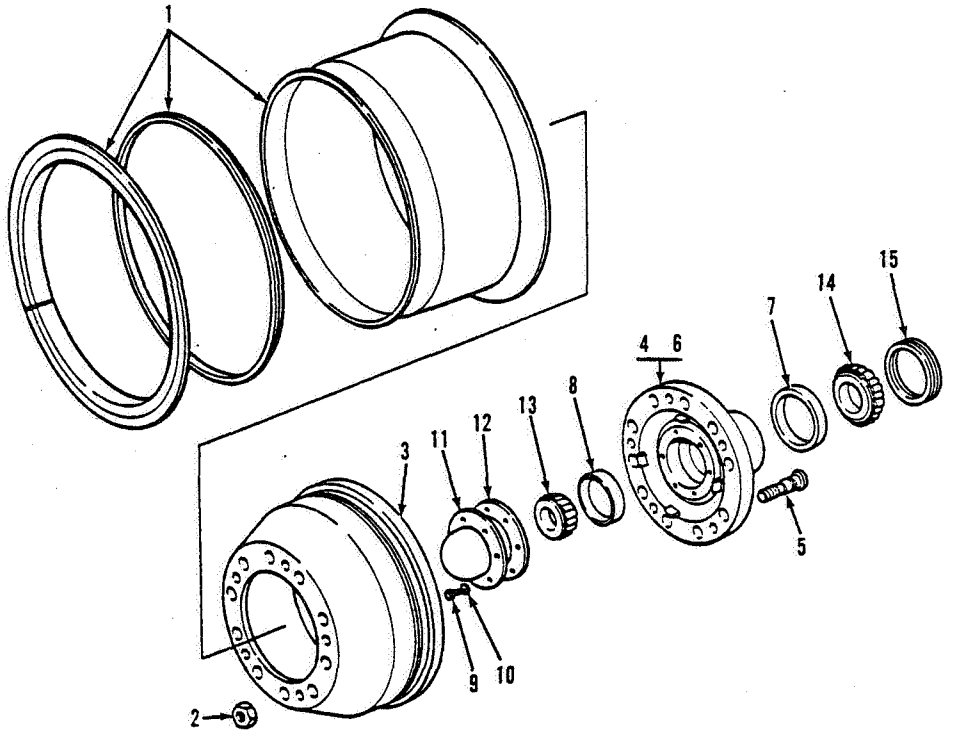


Item	Part No.	Qty.	Description Of Part
1	8368-4412	1	CAMSHAFT, L.H.
	8368-4413	1	CAMSHAFT, R.H.
2	8368-4414	1	BRAKE SPIDER & ANCHOR PIN, L.H.
	8368-4415	1	BRAKE SPIDER & ANCHOR PIN, R.H.
3	8368-4416	4	SHOE RETAINING SPRING
4	8368-4417	4	BRAKE SHOE ASSY
5	8368-4418	4	CAM ROLLER PIN
6	8368-4419	4	CAM ROLLER
7	8368-4420	2	RETURN SPRING
8	8368-4421	2	DUST SHIELD ASSY
9	8368-4422	2	DUST SHIELD PLUG
10	8368-4423	12	HEX HD CAPSCREW
11	8368-4424	1	CAMSHAFT BRACKET ASSY, L.H. (includes items 12, 13)
	8368-4425	1	CAMSHAFT BRACKET ASSY, R.H. (includes items 12, 13)

Item	Part No.	Qty.	Description Of Part
12	8368-4426	2	BUSHING
13	8368-4427	2	OIL SEAL
14	8368-4428	2	INNER WASHER
15	8368-4429	AR	SHIM (.030 THICK)
	8368-4430	AR	SHIM (.060 THICK)
16	8368-4431	2	SNAP RING
17	8368-4432	8	HEX HD CAPSCREW
18	8368-4433	8	LOCK WASHER
19	8368-4434	8	HEX NUT
20	8368-4435	2	SLACK ADJUSTER ASSY
21	8368-4436	2	AIR CHAMBER ASSY
22	8368-4437	16	HEX HD CAPSCREW
23	8368-4438	32	FLAT WASHER
24	8368-4439	16	HEX NUT

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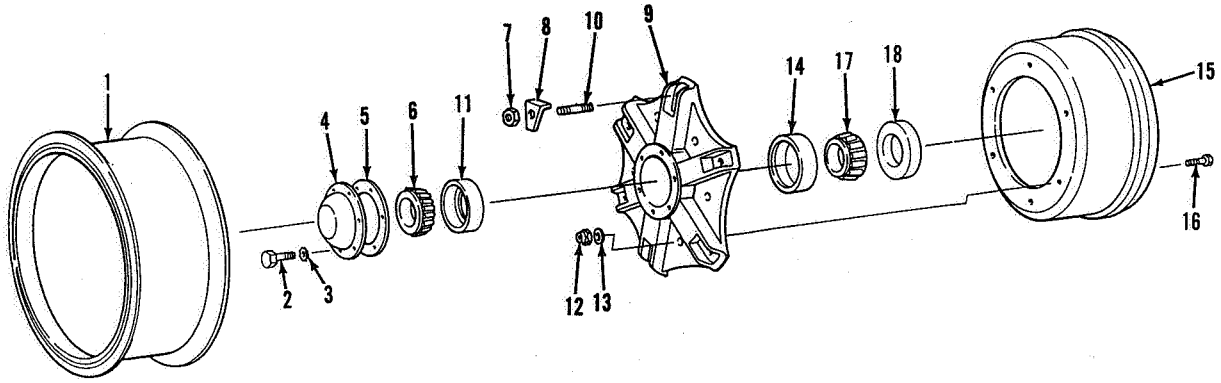
FRONT AXLE ASSEMBLY
Front Disc Wheel & Rim
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
	8368-3322	1	HUB & DRUM ASSY, R.H. (includes item numbers 2 thru 8)
	8368-3321	1	HUB & DRUM ASSY, L.H. (includes item numbers 2 thru 8)
1	8688-3300	1	RIM ASSY (for Standard 11:00 X 20 tires)
	8368-3317	1	RIM ASSY (for Optional 15:00 X 22.5 tires)
2	8307-1838	10	STUD NUT, R.H.
	8688-1220	10	STUD NUT, L.H.
3	8368-3787	1	DRUM
4	8688-3408	1	HUB & STUD ASSY, R.H. (includes items 5 thru 8)
	8688-3407	1	HUB & STUD ASSY, L.H. (includes items 5 thru 8)
5	8307-4643	10	WHEEL STUD, R.H.
	8307-4642	10	WHEEL STUD, L.H.
6	8368-3792	1	HUB & CUP ASSY (includes items 7, 8)
7	8307-1500	1	INNER BEARING CUP
8	8368-3793	1	OUTER BEARING CUP
9	8820-1018	6	HEX HD CAPSCREW, 5/16-18X3/4, GR 5
10	8855-1010	6	LOCK WASHER, 5/16
11	8668-3413	1	HUB CAP
12	8668-3414	1	GASKET
13	8307-2843	1	OUTER BEARING CONE
14	8368-3379	1	INNER BEARING CONE
15	8668-3162	1	OIL SEAL

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FRONT AXLE ASSEMBLY
Front Spoke Wheel & Rim
4 x 2 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-87

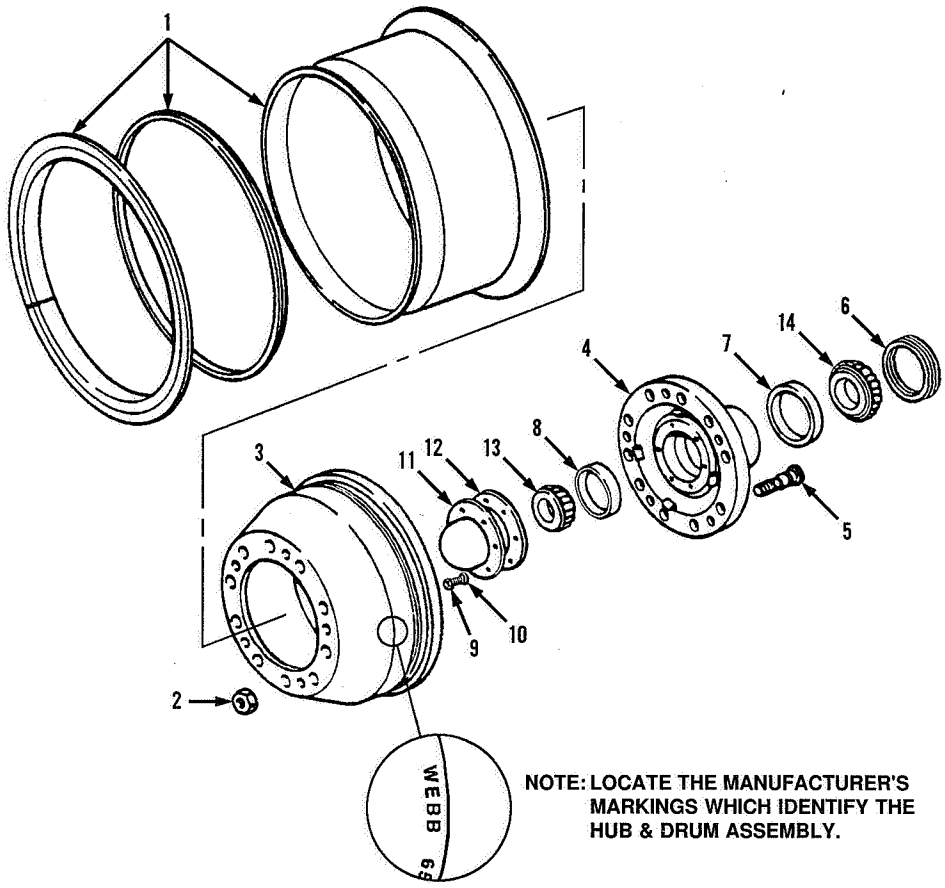


Item	Part No.	Qty.	Description Of Part
1	8698-3014	1	RIM ASSY, 20x8 (Use with 11:00x20 Tires)
	7738-3011	1	RIM ASSY, 22x5 (Use with Optional 15:00x22.5 Tires)
2	8820-1018	6	HEX HD CAPSCREW, 5/16-18x3/4, GR5
3	8855-1010	6	LOCK WASHER, 5/16
4	8688-1605	1	HUB CAP
5	8688-1606	1	GASKET
6	8307-2843	1	OUTER BEARING CONE
7	8348-3289	6	WHEEL NUT (lubricate and torque to 200 ft. lbs.)
8	8348-3288	6	WHEEL CLAMP
9	8368-3329	1	WHEEL ASSY, GUNITE (includes items 10 thru 16)
10	8348-3391	6	RIM STUD
11	8307-1500	1	OUTER BEARING CUP
12	8348-3394	6	LOCK NUT (lubricate and torque to 275-325 ft. lbs.)
13	8348-3395	6	WASHER
14	8307-4379	1	INNER BEARING CUP
15	8688-1603	1	DRUM
16	8688-3345	6	HEX HD CAPSCREW
17	8368-3379	1	INNER BEARING CONE
18	8688-3162	1	OIL SEAL

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FOR SERVICE ONLY

NOTE: ONLY ORDER THIS COMPLETE WEBB HUB & DRUM ASSEMBLY TO REPLACE THE OLD ROCKWELL ASSEMBLY. ONCE REPLACED, ORDER INTERNAL PARTS FROM THIS PAGE. WEBB & ROCKWELL PARTS ARE NOT INTERCHANGABLE.



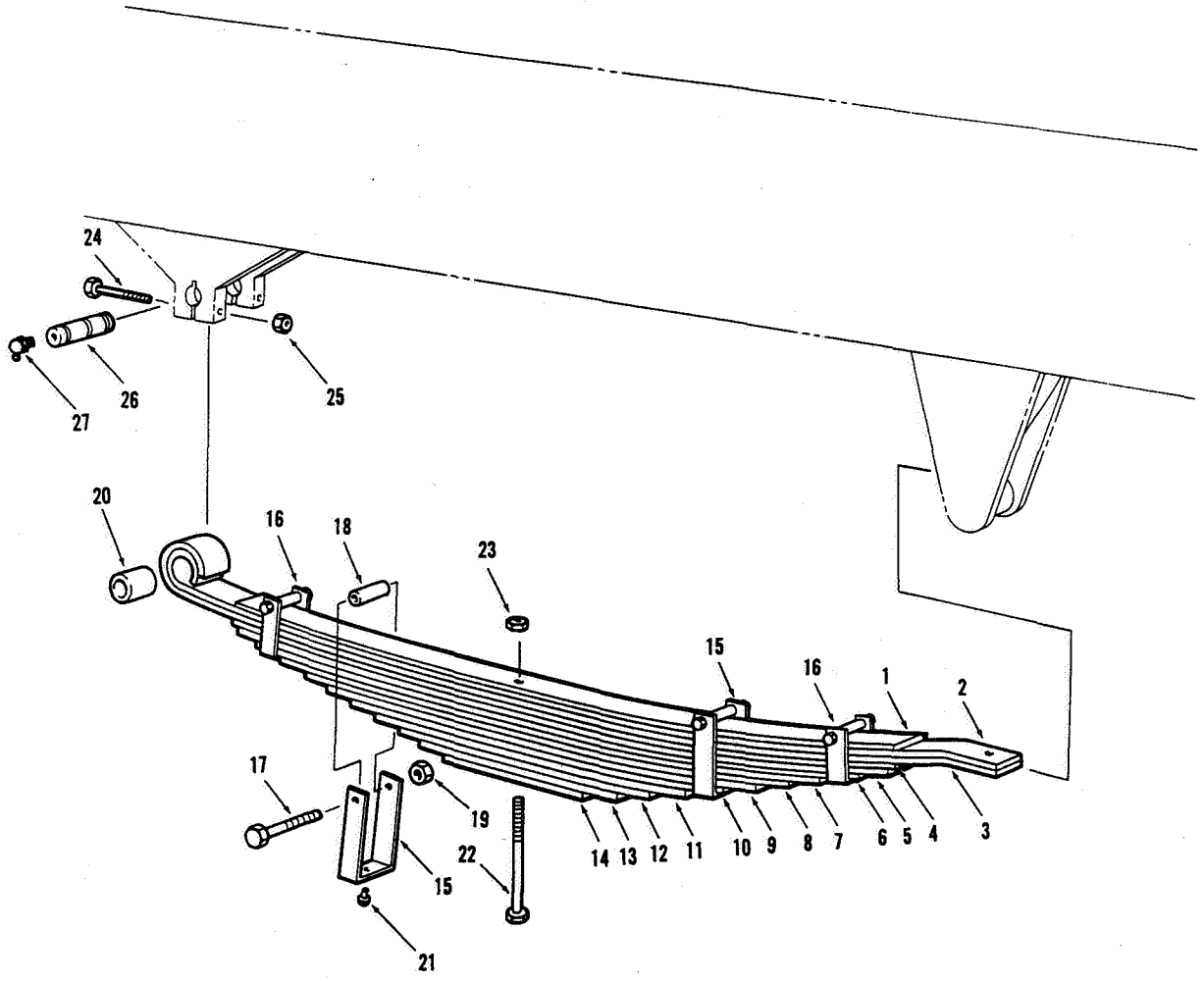
NOTE: LOCATE THE MANUFACTURER'S MARKINGS WHICH IDENTIFY THE HUB & DRUM ASSEMBLY.

Item	Part No.	Qty.	Description Of Part
	8368-3322	1	HUB & DRUM ASSY, WEBB, R.H., (includes items 3, 4, 5, 7 & 8)
	8368-3321	1	HUB & DRUM ASSY, WEBB, L.H., (includes items 3, 4, 5, 7 & 8)
1	8688-3300	1	RIM ASSY, (for standard 11:00x20 tires)
	8368-3317	1	RIM ASSY, (for optional 15:00x22.5 tires)
2	8688-1221	10	STUD NUT, R.H.
	8688-1220	10	STUD NUT, L.H.
3	8368-7073	1	DRUM
4	8368-7074	1	HUB, 10 STUD FRONT

Item	Part No.	Qty.	Description Of Part
5	8368-7075	10	WHEEL STUD, R.H.
	8368-7076	10	WHEEL STUD, L.H.
6	8668-3162	1	OIL SEAL
7	8307-1500	1	INNER BEARING CUP
8	8368-3793	1	OUTER BEARING CUP
9	8820-1018	6	HEX HD CAPSCREW, 5/16-18X3/4, GR5
10	8855-1010	6	LOCKWASHER, 5/16
11	8668-3413	1	HUB CAP
12	8668-3414	1	GASKET
13	8307-2843	1	OUTER BEARING CONE
14	8368-3379	1	INNER BEARING CONE

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FRONT AXLE ASSEMBLY
Front Spring Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-90

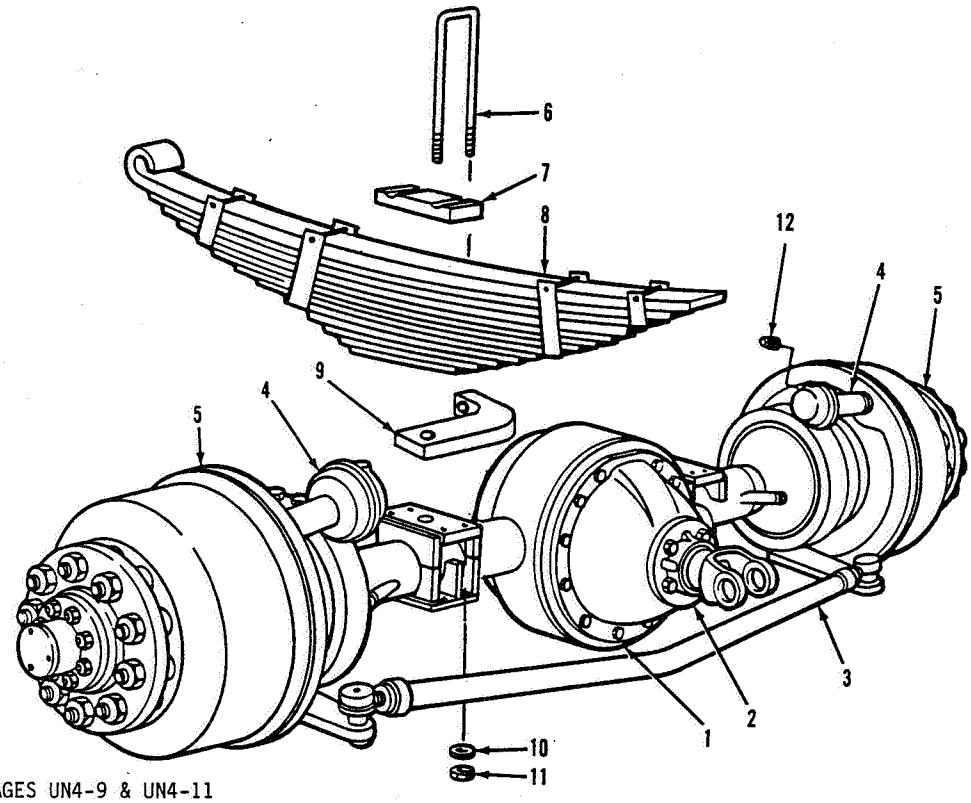


Item	Part No.	Qty.	Description Of Part
	8368-3002	2	FRONT SPRING ASSY (includes items 1 thru 23)
1	8368-3843	1	LEAF, #1
1	8368-3844	1	LEAF, #2
3	8368-3845	1	LEAF, #3
4	8368-3846	1	LEAF, #4
5	8368-3847	1	LEAF, #5
6	8368-3848	1	LEAF, #6
7	8368-3849	1	LEAF, #7
8	8368-3850	1	LEAF, #8
9	8368-3851	1	LEAF, #9
10	8368-3852	1	LEAF, #10
11	8368-3853	1	LEAF, #11
12	8368-3854	1	LEAF, #12
13	8368-3855	1	LEAF, #13

Item	Part No.	Qty.	Description Of Part
14	8368-3856	1	LEAF, #14
15	8368-3857	2	CLAMP
16	8368-3858	2	CLAMP
17	8368-3859	4	HEX HD CAPSCREW
18	8368-3860	4	SPACER
19	8368-3861	4	HEX NUT
20	8368-3862	1	BUSHING
21	8368-3863	2	RIVET
22	8368-4012	1	HEX HD CAPSCREW
23	8368-4013	1	HEX NUT
24	8820-1057	4	HEX HD CAPSCREW, 7/16-14X2-3/4 GR 5
25	8852-1007	4	HEX LOCKNUT, 7/16-14
26	8668-1312	2	PIN
27	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8

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FRONT AXLE ASSEMBLY
Front Drive Axle Assembly (w/Disc Wheels)
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-89

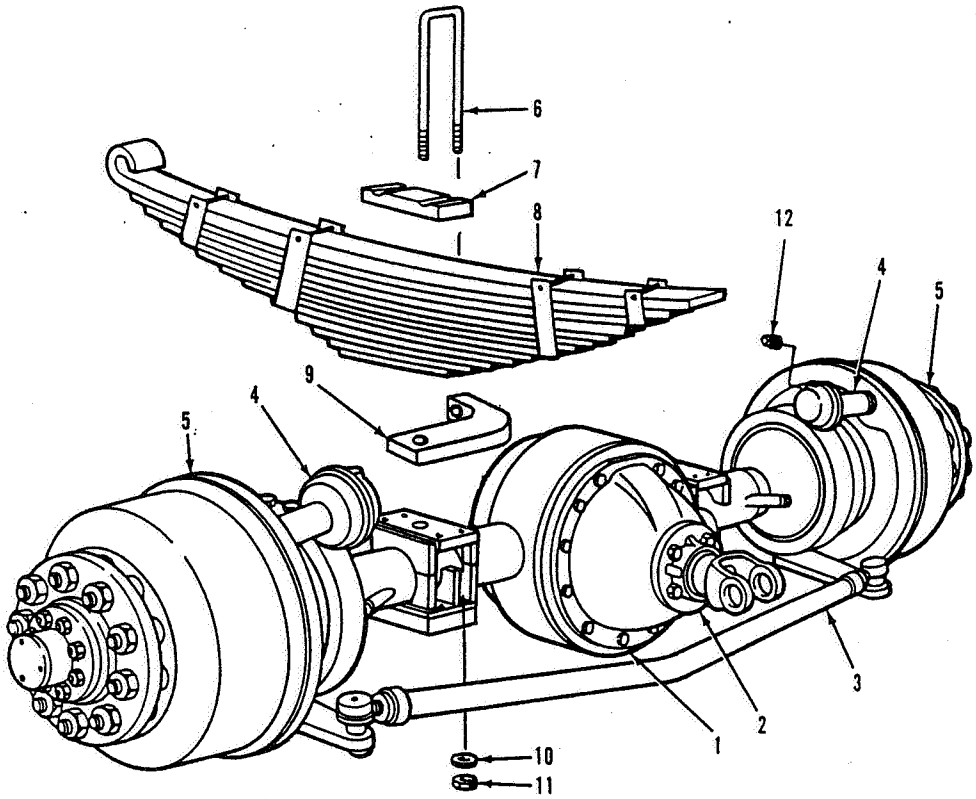


NOTE: SEE PAGES UN4-9 & UN4-11 FOR P/N 7738-3318 FRONT AXLE RETROFIT KIT. USED ON CHASSIS SERIAL NUMBERS STARTING 84D001 THRU 01D173.

Item	Part No.	Qty.	Description Of Part
	7738-5030	1	FRONT AXLE ASSY (includes all items)
	7738-3318	1	FRONT AXLE ASSY (includes items 1 thru 5)
1	8368-4452	1	HOUSING ASSY (see page UN 4-7 for details)
2	8368-4333	1	DIFFERENTIAL ASSY (see page UN 4-8 for details)
3	No Number	1	STEERING KNUCKLE & SHAFT (see page UN 4-9 for details)
4	8307-4872	1	BRAKE SHOE ASSY (see page UN 4-10 for details)
5	No Number	2	WHEEL & DRUM ASSY (see page UN 4-11 for details)
6	7738-3310	4	SPRING CLIP
7	8688-1336	2	CLIP SEAT
8	8368-3002	2	SPRING ASSY (see page UN 4-5 for details)
9	7738-6054	1	SEAT WELDMENT, L.H.
	7738-6053	1	SEAT WELDMENT, R.H.
10	8668-1572	8	FLAT WASHER
11	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
12	8871-1251	2	SQUARE HD PIPE PLUG, 1/4

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FRONT AXLE ASSEMBLY
Front Drive Axle Assembly (w/Disc Wheels)
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88
Revised 6-89

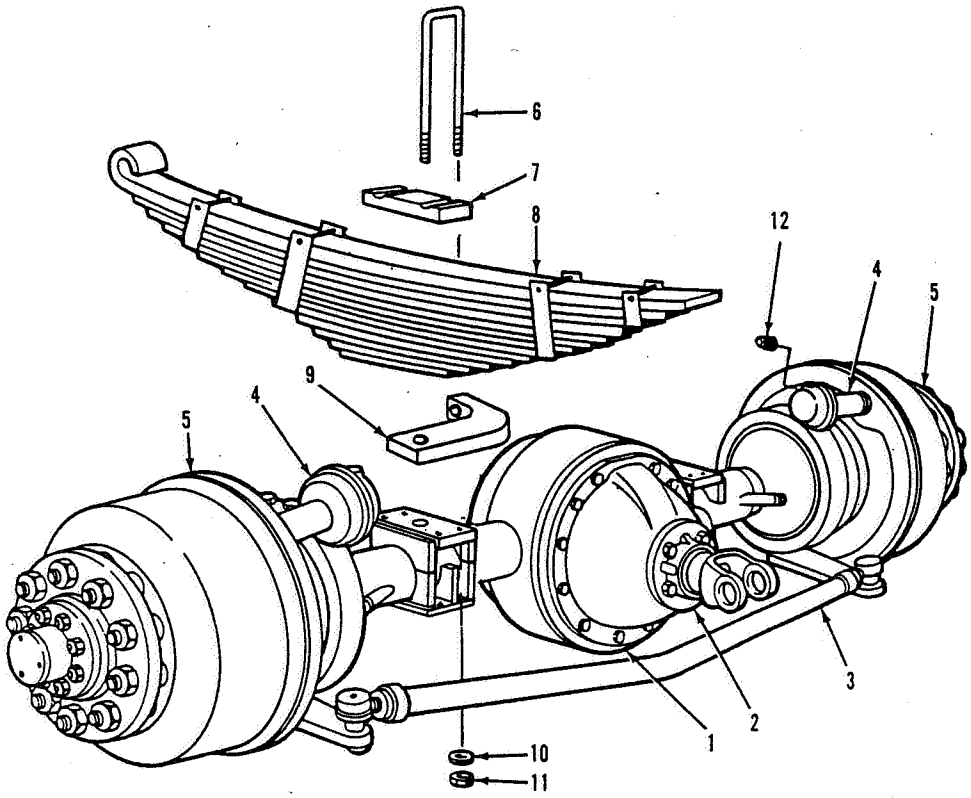


NOTE: TO CHANGE FROM 1/2" STUDS TO 5/8" STUDS AND CONE LOCKS, SEE PAGE UN4-9 STARTING SERIAL NO. 01D174.

Item	Part No.	Qty.	Description Of Part
	7738-5030	1	FRONT AXLE ASSY (includes all items)
	7738-3419	1	FRONT AXLE ASSY (includes items 1 thru 5)
1	8368-4452	1	HOUSING ASSY (see page UN 4-7 for details)
2	8368-4333	1	DIFFERENTIAL ASSY (see page UN 4-8 for details)
3	No Number	1	STEERING KNUCKLE & SHAFT (see page UN 4-9 for details)
4	8307-4872	1	BRAKE SHOE ASSY (see page UN 4-10 for details)
5	No Number	2	WHEEL & DRUM ASSY (see page UN 4-11 for details)
6	7738-3310	4	SPRING CLIP
7	8688-1336	2	CLIP SEAT
8		2	SPRING ASSY (see page UN 4-5 for details)
9	7738-6054	1	SEAT WELDMENT, L.H.
	7738-6053	1	SEAT WELDMENT, R.H.
10	8668-1572	8	FLAT WASHER
11	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
12	8871-1251	2	SQUARE HD PIPE PLUG, 1/4

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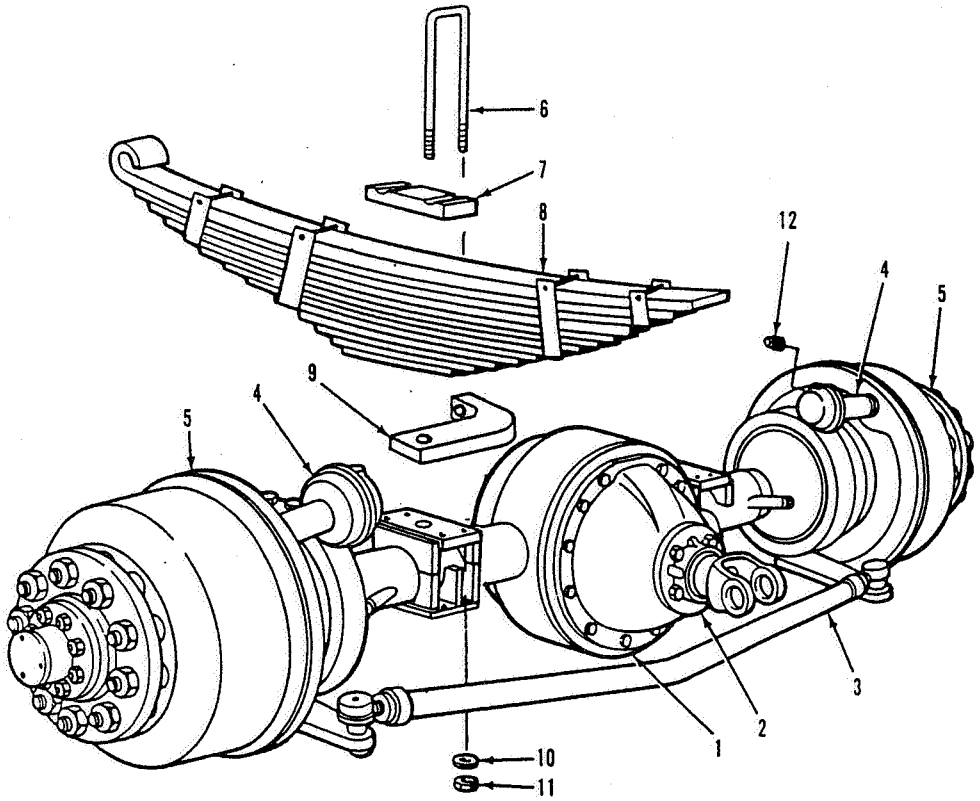
FRONT AXLE ASSEMBLY
Front Drive Axle Assembly (w/Disc Wheels)
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88
Revised 6-89



Item	Part No.	Qty.	Description Of Part
	7738-5030	1	FRONT AXLE ASSY (includes all items)
	7738-3543	1	FRONT AXLE ASSY (includes items 1 thru 5)
1	8368-4452	1	HOUSING ASSY (see page UN 4-7 for details)
2	8368-4333	1	DIFFERENTIAL ASSY (see page UN 4-8 for details)
3	No Number	1	STEERING KNUCKLE & SHAFT (see page UN 4-9 for details)
4	8307-4872	1	BRAKE ASSY (see page UN 4-10 for details)
5	No Number	2	WHEEL & DRUM ASSY (see page UN 4-11 for details)
6	7738-3310	4	SPRING CLIP
7	8688-1336	2	CLIP SEAT
8	8368-3002	2	SPRING ASSY (see page UN 4-5 for details)
9	7738-6054	1	SEAT WELDMENT, L.H.
	7738-6053	1	SEAT WELDMENT, R.H.
10	8668-1572	8	FLAT WASHER
11	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
12	8871-1251	2	SQUARE HD PIPE PLUG, 1/4

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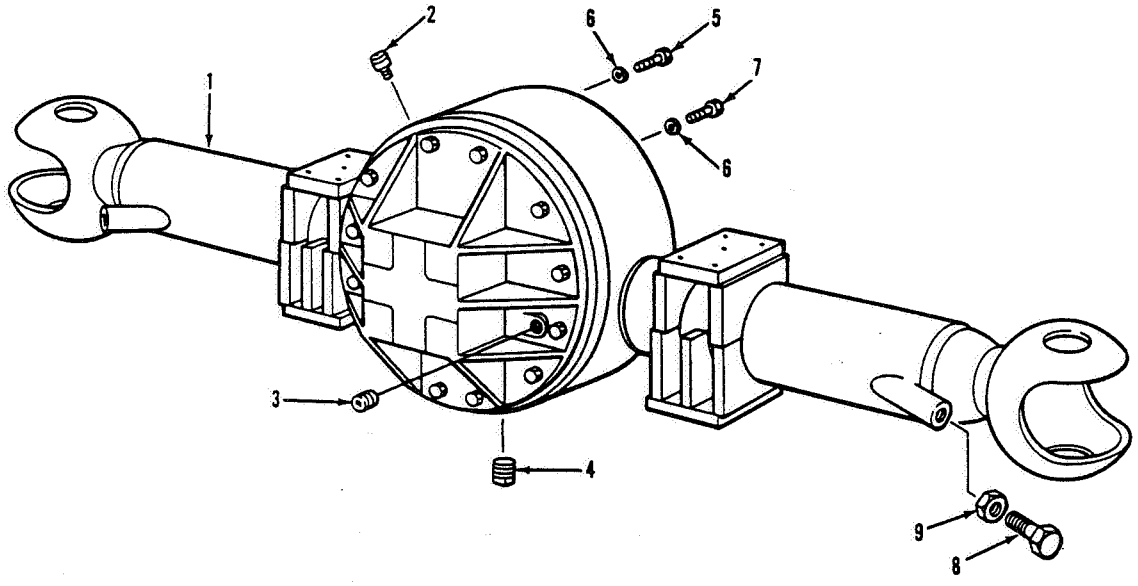
FRONT AXLE ASSEMBLY
Front Drive Axle Assembly (w/Disc Wheels)
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89



Item	Part No.	Qty.	Description Of Part
	7738-5137	1	FRONT AXLE ASSY (includes all items)
	7738-3543	1	FRONT AXLE ASSY (includes items 1 thru 5)
1	8368-4452	1	HOUSING ASSY (see page UN 4-7 for details)
2	8368-4333	1	DIFFERENTIAL ASSY (see page UN 4-8 for details)
3	No Number	1	STEERING KNUCKLE & SHAFT (see page UN 4-9 for details)
4	8307-4872	1	BRAKE ASSY (see page UN 4-10 for details)
5	No Number	2	WHEEL & DRUM ASSY (see page UN 4-11 for details)
6	7738-3310	4	SPRING CLIP
7	8688-1336	2	CLIP SEAT
8	8368-3002	2	SPRING ASSY (see page UN 4-5 for details)
9	7738-6054	1	SEAT WELDMENT, L.H.
	7738-6053	1	SEAT WELDMENT, R.H.
10	8668-1572	8	FLAT WASHER
11	7738-3580	8	HEX HIGH NUT (lubricate and torque to 335-365 ft.lbs.)
12	8871-1251	2	SQUARE HD PIPE PLUG, 1/4

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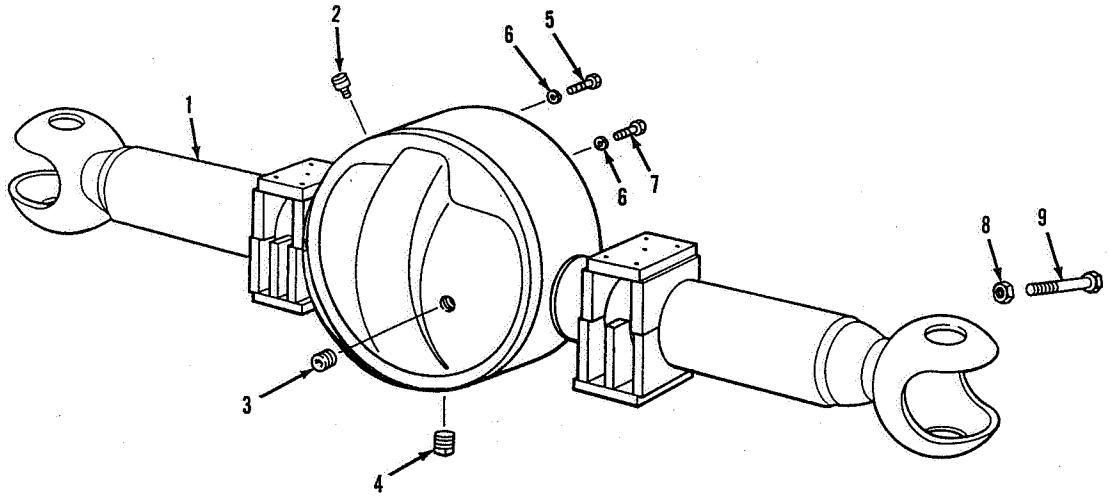
FRONT AXLE ASSEMBLY
Housing Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85



Item	Part No.	Qty.	Description Of Part
1	8368-4452	1	HOUSING ASSY
2	8368-4453	1	BREATHER
3	8368-4137	1	SOCKET HEAD PLUG
4	8368-4138	1	MAGNETIC PLUG
5	8368-4139	8	HEX HD CAPSCREW
6	8307-4315	12	LOCK WASHER
7	8368-4141	4	HEX HD CAPSCREW
8	8368-4142	2	HEX HD CAPSCREW
9	8850-1010	2	HEX NUT, 5/8-11

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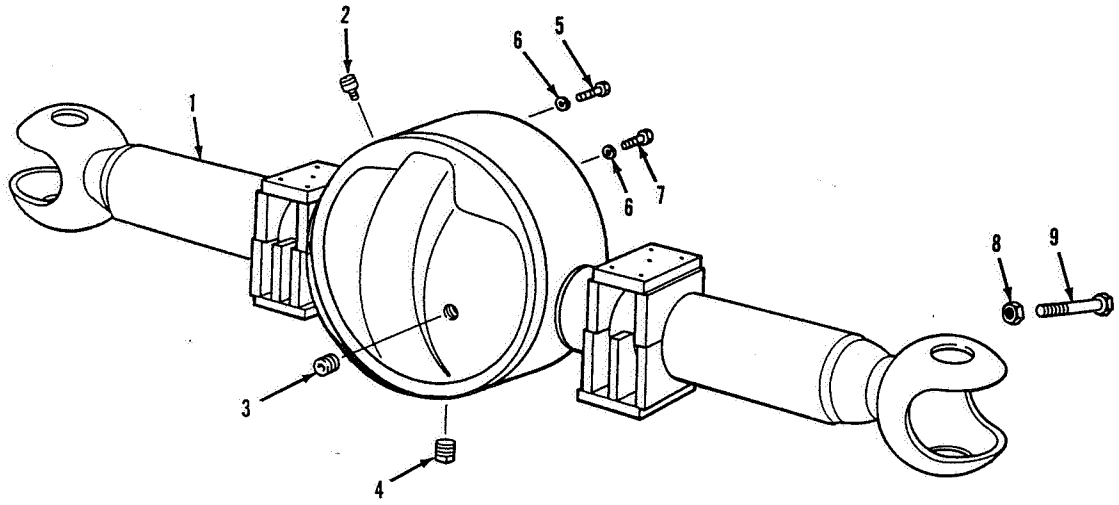
FRONT AXLE ASSEMBLY
Housing Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88



Item	Part No.	Qty.	Description Of Part
1	7738-4511	1	HOUSING ASSY
2	8368-4453	1	BREATHER
3	8368-4137	1	SOCKET HD PLUG
4	8368-4138	1	MAGNETIC PLUG
5	7738-4509	4	HEX HD CAPSCREW, LONG (lubricate and torque to 80-100 ft. lbs.)
6	8307-4315	12	LOCK WASHER
7	7738-4510	8	HEX HD CAPSCREW, SHORT (lubricate and torque to 80-100 ft. lbs.)
8	8850-1010	2	HEX NUT, 5/8-11
9	8368-4142	2	HEX HD CAPSCREW

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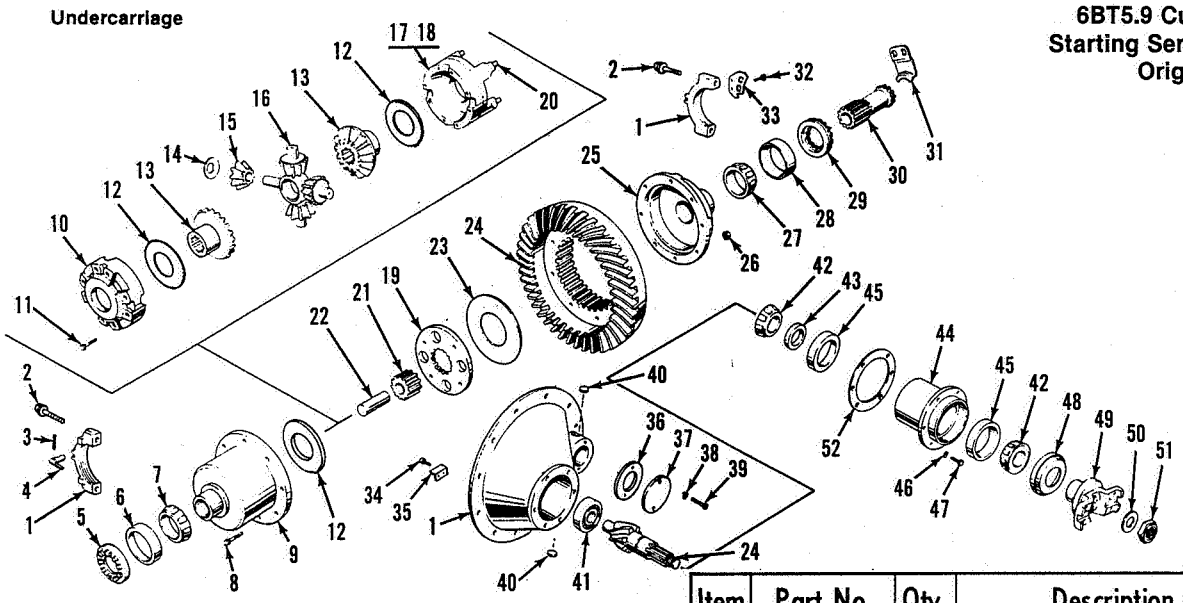
FRONT AXLE ASSEMBLY
Housing Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88



Item	Part No.	Qty.	Description Of Part
1	8368-4452	1	HOUSING ASSY
2	8368-4453	1	BREATHER
3	8368-4137	1	SOCKET HD PLUG
4	8368-4138	1	MAGNETIC PLUG
5	7738-4509	4	HEX HD CAPSCREW, LONG (lubricate and torque to 80-100 ft. lbs.)
6	8368-4529	12	FLAT WASHER
7	7738-4510	8	HEX HD CAPSCREW, SHORT (lubricate and torque to 80-100 ft. lbs.)
8	8850-1010	2	HEX NUT, 5/8-11
9	8368-4142	2	HEX HD CAPSCREW

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Differential Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-87

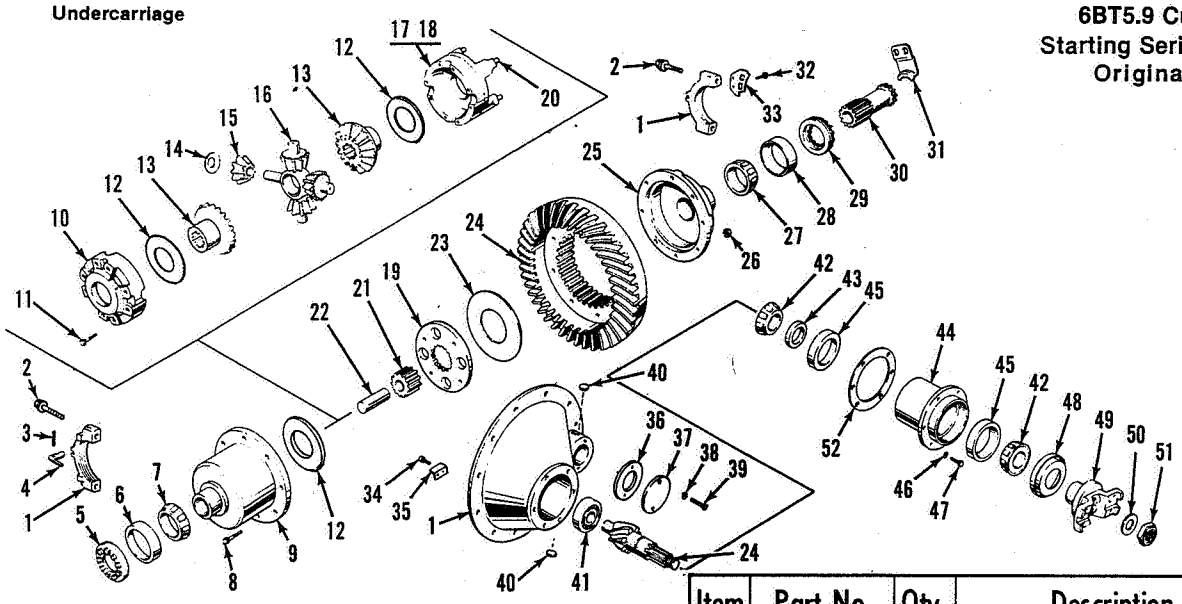


Item	Part No.	Qty.	Description Of Part
	8368-4333	1	DIFFERENTIAL CARRIER ASSY (includes all items)
	8368-4334	1	HEAD ASSY BASIC OVERHAUL KIT (includes items 6, 7, 12, 14, 23, 27, 28, 35, 40, 41, 42, 44, 48, 50, 52)
	8368-4335	1	DIFFERENTIAL SUPPORT CASE KIT (includes items 6, 7, 8, 9, 12, 23, 25, 26, 27, 28)
	8368-4336	1	DIFFERENTIAL SIDE GEAR AND PINION KIT (includes items 12, 13, 14, 15, 16)
	8368-4337	1	DIFFERENTIAL BEARING KIT (includes items 6, 7, 27, 28, 41, 42, 44, 48)
	8368-4338	1	SUN GEAR KIT (includes items 19, 23, 30)
	8368-4339	1	OIL SEAL & SHIM KIT (includes items 48, 52)
1	8368-4220	1	CARRIER & CAP ASSY (includes item 2)
2	8307-4752	4	HEX HD CAPSCREW
3	8307-4754	1	COTTER PIN
4	8368-4223	1	LOCK
5	8368-4224	1	BEARING ADJUSTER
6	8368-4225	1	BEARING CUP
7	8368-4226	1	BEARING CONE
8	8368-4227	8	HEX HD CAPSCREW
9	8368-4340	1	GEAR SUPPORT CASE HALF
10	8368-4341	1	DIFFERENTIAL CASE HALF
11	8368-4342	8	HEX HD CAPSCREW
12	8307-4764	3	THRUST WASHER
13	8368-4343	2	SIDE GEAR
14	8307-4766	4	THRUST WASHER
15	8368-4344	4	GEAR
16	8368-4345	1	SPIDER
17	8368-4346	1	DIFFERENTIAL CASE HALF ASSY (includes items 18, 20)
18	8368-4347	1	DIFFERENTIAL CASE HALF
19	8368-4240	1	CLUTCH PLATE
20	8368-4348	4	PIN
21	8368-4349	4	IDLER GEAR
22	8368-4238	4	IDLER GEAR PIN
23	8368-4241	1	THRUST WASHER

Item	Part No.	Qty.	Description Of Part
24	8368-4350	1	RING GEAR & PINION SET (with self-locking nut)(includes item 51)
25	8368-4243	1	GEAR SUPPORT CASE HALF
26	8368-4244	8	HEX NUT
27	8368-4245	1	BEARING CONE
28	8368-4246	1	BEARING CUP
29	8368-4247	1	BEARING ADJUSTER
30	8368-4248	1	SUN GEAR
31	8368-4249	1	GEAR RETAINER
32	8368-4250	2	HEX HD CAPSCREW
33	8368-4251	1	LOCK
34	8368-4252	2	HEX HD CAPSCREW
35	8368-4253	1	OIL TROUGH
36	8368-4306	1	GASKET
37	8368-4254	1	COVER
38	8368-4255	2	LOCK WASHER
39	8368-4256	2	HEX HD CAPSCREW
40	8368-4257	2	PLUG
41	8368-4351	1	BALL BEARING
42	8368-4259	2	BEARING CONE
43	8368-4260	1	SPACER (.639 THICK)
44	8368-4292	1	BEARING CAGE ASSY (includes item 45)
45	8368-4293	2	BEARING CUP
46	8307-4778	6	LOCK WASHER
47	8307-4779	6	HEX HD CAPSCREW
48	8368-4302	1	SEAL ASSY
49	8368-4352	1	END YOKE
50	8307-4788	1	FLAT WASHER
51	8368-4353	1	SELF LOCKING NUT
52	8368-4295	AR	SHIM (.003 THICK)
	8368-4296	AR	SHIM (.005 THICK)
	8368-4297	AR	SHIM (.010 THICK)
	8368-4298	AR	SHIM (.020 THICK)
	8368-4299	AR	SHIM (.030 THICK)
			NOTE: OIL SEAL & SHIM KIT INCLUDES 2 EACH OF .003, .005, .010 THICKNESS SHIMS AND ONE .030 INCH THICK SHIM.
			NOTE: CUSTOMER MAY SUBSTITUTE SILICON ADHESIVE/SEALANT EQUAL TO RTV-732 DOW CORNING IN PLACE OF GASKETS.

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Differential Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88

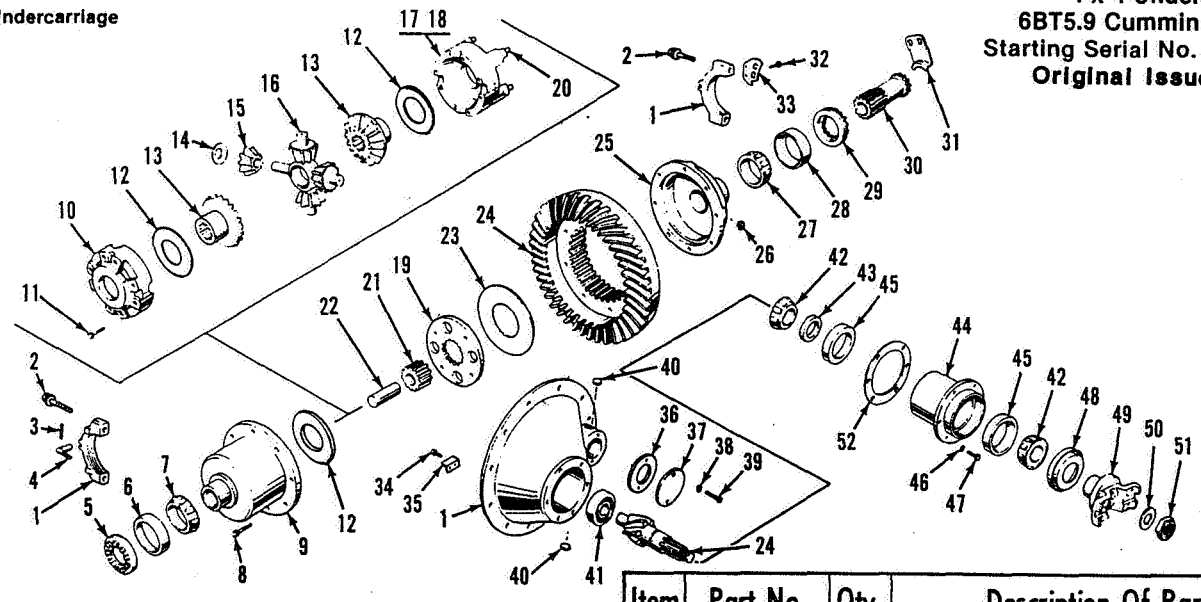


Item	Part No.	Qty.	Description Of Part
	8368-4333	1	DIFFERENTIAL CARRIER ASSY (includes all items)
	8368-4334	1	HEAD ASSY BASIC OVERHAUL KIT (includes items 6, 7, 12, 14, 23, 27, 28, 35, 40, 41, 42, 44, 48, 50, 52)
	8368-4335	1	DIFFERENTIAL SUPPORT CASE KIT (includes items 6, 7, 8, 9, 12, 23, 25, 26, 27, 28)
	8368-4336	1	DIFFERENTIAL SIDE GEAR AND PINION KIT (includes items 12, 13, 14, 15, 16)
	8368-4337	1	DIFFERENTIAL BEARING KIT (includes items 6, 7, 27, 28, 41, 42, 44, 48)
	8368-4338	1	SUN GEAR KIT (includes items 19, 23, 30)
	8368-4339	1	OIL SEAL & SHIM KIT (includes items 48, 52)
1	8368-4220	1	CARRIER & CAP ASSY (includes item 2)
2	8307-4752	4	HEX HD CAPSCREW
3	8307-4754	1	COTTER PIN
4	8368-4223	1	LOCK
5	8368-4224	1	BEARING ADJUSTER
6	8368-4225	1	BEARING CUP
7	8368-4226	1	BEARING CONE
8	8368-4227	8	HEX HD CAPSCREW
9	8368-4340	1	GEAR SUPPORT CASE HALF
10	8368-4341	1	DIFFERENTIAL CASE HALF
11	8368-4342	8	HEX HD CAPSCREW
12	8307-4764	3	THRUST WASHER
13	8368-4343	2	SIDE GEAR
14	8307-4766	4	THRUST WASHER
15	8368-4344	4	GEAR
16	8368-4345	1	SPIDER
17	8368-4346	1	DIFFERENTIAL CASE HALF ASSY (includes items 18, 20)
18	8368-4347	1	DIFFERENTIAL CASE HALF
19	8368-4240	1	CLUTCH PLATE
20	8368-4348	4	PIN
21	8368-4349	4	IDLER GEAR
22	8368-4238	4	IDLER GEAR PIN
23	8368-4241	1	THRUST WASHER

Item	Part No.	Qty.	Description Of Part
24	8368-4350	1	RING GEAR & PINION SET (with self-locking nut)(includes item 51)
25	8368-4243	1	GEAR SUPPORT CASE HALF
26	8368-4244	8	HEX NUT
27	8368-4245	1	BEARING CONE
28	8368-4246	1	BEARING CUP
29	8368-4247	1	BEARING ADJUSTER
30	8368-4248	1	SUN GEAR
31	8368-4249	1	GEAR RETAINER
32	8368-4250	2	HEX HD CAPSCREW
33	8368-4251	1	LOCK
34	8368-4252	2	HEX HD CAPSCREW
35	8368-4253	1	OIL TROUGH
36	8368-4306	1	GASKET
37	8368-4254	1	COVER
38	8368-4255	2	LOCK WASHER
39	8368-4256	2	HEX HD CAPSCREW
40	8368-4257	2	PLUG
41	8368-4351	1	BALL BEARING
42	8368-4259	2	BEARING CONE
43	8368-4260	1	SPACER (.639 THICK)
44	8368-4292	1	BEARING CAGE ASSY (includes item 45)
45	8368-4293	2	BEARING CUP
46	8307-4778	6	LOCK WASHER
47	8307-4779	6	HEX HD CAPSCREW
48	8368-4302	1	SEAL ASSY
49	8368-4352	1	END YOKE
50	8307-4788	1	FLAT WASHER
51	8368-4353	1	SELF LOCKING NUT
52	8368-4295	AR	SHIM (.003 THICK)
	8368-4296	AR	SHIM (.005 THICK)
	8368-4297	AR	SHIM (.010 THICK)
	8368-4298	AR	SHIM (.020 THICK)
	8368-4299	AR	SHIM (.030 THICK)
			NOTE: OIL SEAL & SHIM KIT INCLUDES 2 EACH OF .003, .005, .010 THICKNESS SHIMS AND ONE .030 INCH THICK SHIM.
			NOTE: CUSTOMER MAY SUBSTITUTE SILICON ADHESIVE/SEALANT EQUAL TO RTV-732 DOW CORNING IN PLACE OF GASKETS.

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Differential Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88

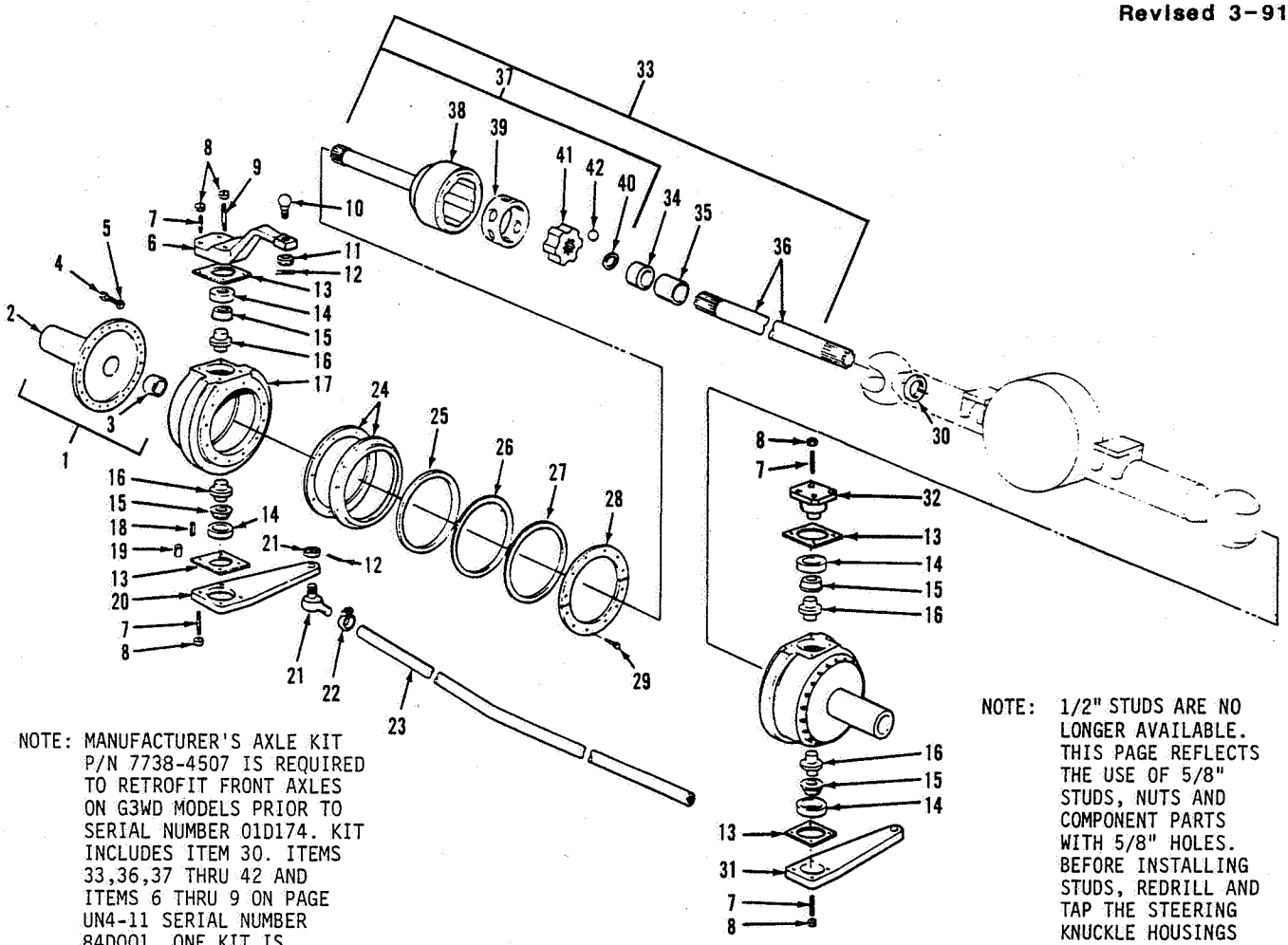


Item	Part No.	Qty.	Description Of Part
	8368-4333	1	DIFFERENTIAL CARRIER ASSY (includes all items except item 49)
	8368-4334	1	HEAD ASSY BASIC OVERHAUL KIT (includes items 6, 7, 12, 14, 23, 27,28,35,40,41, 42, 44, 48,50,52)
	8368-4335	1	DIFFERENTIAL SUPPORT CASE KIT (includes items 6, 7, 8, 9, 12, 23, 25, 26, 27, 28)
	8368-4336	1	DIFFERENTIAL SIDE GEAR AND PINION KIT (includes items 12, 13, 14, 15, 16)
	8368-4337	1	DIFFERENTIAL BEARING KIT (includes items 6, 7, 27, 28, 41, 42, 44, 48)
	8368-4338	1	SUN GEAR KIT (includes items 19, 23, 30)
	8368-4339	1	OIL SEAL & SHIM KIT (includes items 48, 52)
1	8368-4220	1	CARRIER & CAP ASSY (includes item 2)
2	8307-4752	4	HEX HD CAPSCREW
3	8307-4754	1	COTTER PIN
4	8368-4223	1	LOCK
5	8368-4224	1	BEARING ADJUSTER
6	8368-4225	1	BEARING CUP
7	8368-4226	1	BEARING CONE
8	8368-4227	8	HEX HD CAPSCREW
9	8368-4340	1	GEAR SUPPORT CASE HALF
10	8368-4341	1	DIFFERENTIAL CASE HALF
11	8368-4342	8	HEX HD CAPSCREW
12	8307-4764	3	THRUST WASHER
13	8368-4343	2	SIDE GEAR
14	8307-4766	4	THRUST WASHER
15	8368-4344	4	GEAR
16	8368-4345	1	SPIDER
17	8368-4346	1	DIFFERENTIAL CASE HALF ASSY (includes items 18, 20)
18	8368-4347	1	DIFFERENTIAL CASE HALF
19	8368-4240	1	CLUTCH PLATE
20	8368-4348	4	PIN
21	8368-4349	4	IDLER GEAR
22	8368-4238	4	IDLER GEAR PIN
23	8368-4241	1	THRUST WASHER

Item	Part No.	Qty.	Description Of Part
24	8368-4350	1	RING GEAR & PINION SET (with self-locking nut)(includes item 51)
25	8368-4243	1	GEAR SUPPORT CASE HALF
26	8368-4244	8	HEX NUT
27	8368-4245	1	BEARING CONE
28	8368-4246	1	BEARING CUP
29	8368-4247	1	BEARING ADJUSTER
30	8368-4248	1	SUN GEAR
31	8368-4249	1	GEAR RETAINER
32	8368-4250	2	HEX HD CAPSCREW
33	8368-4251	1	LOCK
34	8368-4252	2	HEX HD CAPSCREW
35	8368-4253	1	OIL TROUGH
36	8368-4306	1	GASKET
37	8368-4254	1	COVER
38	8368-4255	2	LOCK WASHER
39	8368-4256	2	HEX HD CAPSCREW
40	8368-4257	2	PLUG
41	8368-4351	1	BALL BEARING
42	8368-4259	2	BEARING CONE
43	8368-4260	1	SPACER (.639 THICK)
44	8368-4292	1	BEARING CAGE ASSY (includes item 45)
45	8368-4293	2	BEARING CUP
46	8307-4778	6	LOCK WASHER
47	8307-4779	6	HEX HD CAPSCREW
48	8368-4302	1	SEAL ASSY
49	7738-4546	1	END YOKE
50	8307-4788	1	FLAT WASHER
51	8368-4353	1	SELF LOCKING NUT
52	8368-4295	AR	SHIM (.003 THICK)
	8368-4296	AR	SHIM (.005 THICK)
	8368-4297	AR	SHIM (.010 THICK)
	8368-4298	AR	SHIM (.020 THICK)
	8368-4299	AR	SHIM (.030 THICK)
			NOTE: OIL SEAL & SHIM KIT INCLUDES 2 EACH OF .003, .005, .010 THICKNESS SHIMS AND ONE .030 INCH THICK SHIM.
			NOTE: CUSTOMER MAY SUBSTITUTE SILICON ADHESIVE/SEALANT EQUAL TO RTV-732 DOW CORNING IN PLACE OF GASKETS.

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Steering Knuckles & Shafts
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-91



NOTE: MANUFACTURER'S AXLE KIT P/N 7738-4507 IS REQUIRED TO RETROFIT FRONT AXLES ON G3WD MODELS PRIOR TO SERIAL NUMBER 01D174. KIT INCLUDES ITEM 30. ITEMS 33,36,37 THRU 42 AND ITEMS 6 THRU 9 ON PAGE UN4-11 SERIAL NUMBER 84D001. ONE KIT IS REQUIRED FOR EACH SIDE.

NOTE: 1/2" STUDS ARE NO LONGER AVAILABLE. THIS PAGE REFLECTS THE USE OF 5/8" STUDS, NUTS AND COMPONENT PARTS WITH 5/8" HOLES. BEFORE INSTALLING STUDS, REDRILL AND TAP THE STEERING KNUCKLE HOUSINGS FOR THE NEW STUDS.

Item	Part No.	Qty.	Description Of Part
1	8307-4719	2	SPINDLE ASSY (includes items 2 & 3)
2	8368-4148	1	SPINDLE
3	8307-4720	1	BUSHING
4	8368-4150	24	HEX HD CAPSCREW
5	8368-4151	24	LOCKWASHER
6	7738-4535	1	ARM, L.H.
7	7738-4531	14	STUD (5/8" dia.)
8	7738-4533	16	HEX LOCKNUT
9	7738-4534	2	STUD (5/8" dia.)
10	8368-4174	1	BALL
11	8851-1112	1	HEX CASTLE NUT, 3/4-16
12	8368-4176	2	COTTER PIN
13	8307-4889	AR	SHIM (.005 thick)
	8307-4890	AR	SHIM (.010 thick)
14	8368-4444	4	BEARING CUP
15	8368-4445	4	BEARING CONE
16	8368-4446	4	TRUNNION PIN
17	8368-4447	2	STEERING KNUCKLE HOUSING
18	8307-4891	6	KEY
19	8307-4900	6	TENSION PIN
20	7738-4537	1	ARM, L.H.
21	8368-4195	2	TIE ROD END ASSY
22	8307-4899	2	CLAMP ASSY
23	8368-4190	1	TIE ROD TUBE

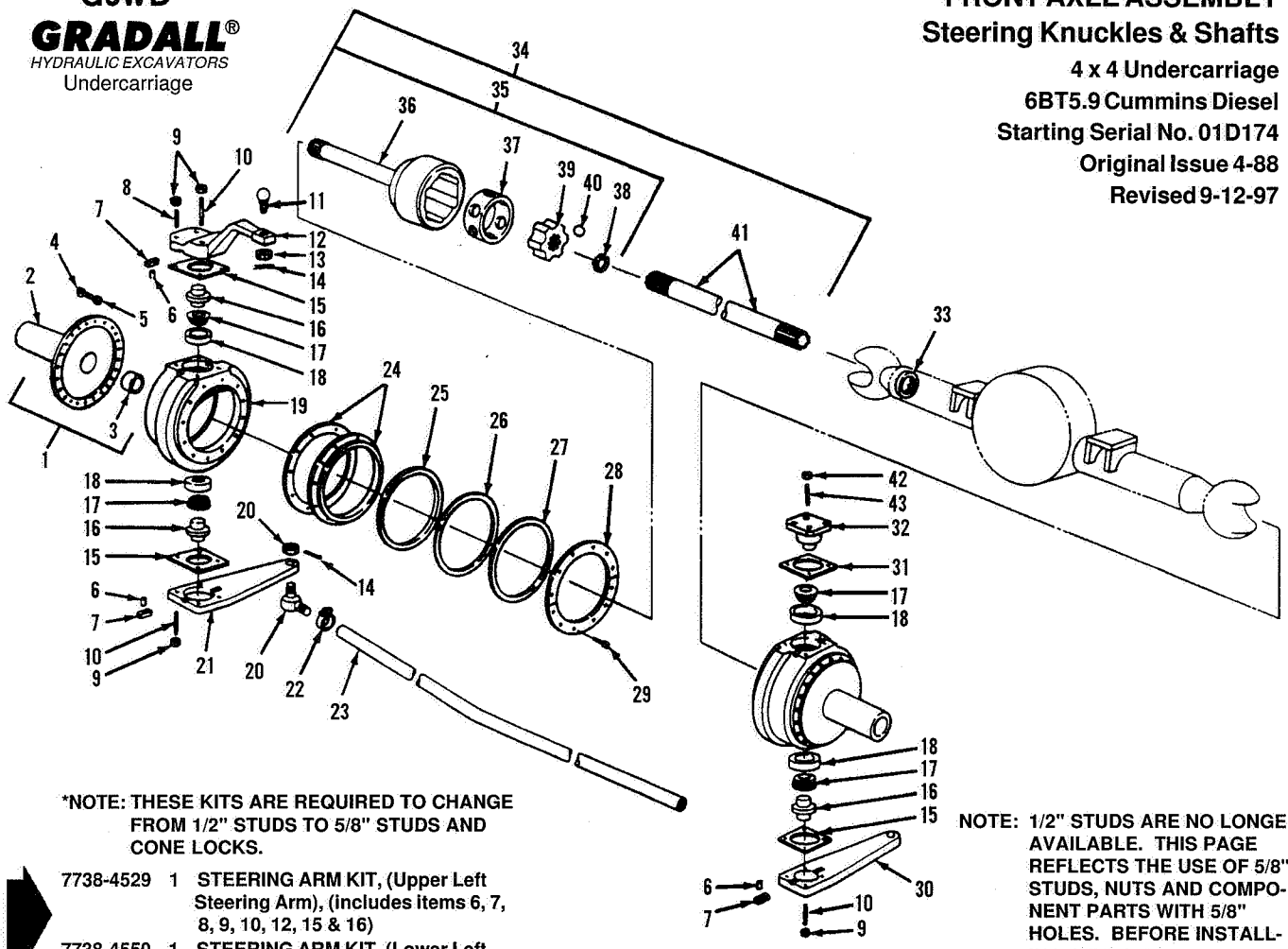
Item	Part No.	Qty.	Description Of Part
24	8368-4448	2	RETAINER
25	8368-4166	2	FELT SEAL
26	8368-4168	2	OIL SEAL
27	8307-4716	2	OIL SEAL SPRING
28	8368-4169	2	RETAINER
29	8307-4894	24	HEX HD CAPSCREW
30		1	SEAL
31	7738-4541	1	ARM, R.H.
32	7738-4513	1	KING PIN CAP
33		2	SHAFT & JOINT ASSY
34		1	SPACER
35		1	SLEEVE
36		1	AXLE SHAFT
37		2	BELL SHAFT W/CAGE (includes items 38 thru 42)
38		1	OUTER RACE BELL
39		1	CAGE
40	8307-4734	1	SNAP RING
41		1	RACE
42		6	BALL

NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Steering Knuckles & Shafts

4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88
Revised 9-12-97



***NOTE: THESE KITS ARE REQUIRED TO CHANGE FROM 1/2" STUDS TO 5/8" STUDS AND CONE LOCKS.**

7738-4529 1 STEERING ARM KIT, (Upper Left Steering Arm), (includes items 6, 7, 8, 9, 10, 12, 15 & 16)

7738-4550 1 STEERING ARM KIT, (Lower Left & Right Steering Arm), (includes items 6, 7, 9, 10, 15, 16, 21 & 30)

NOTE: 1/2" STUDS ARE NO LONGER AVAILABLE. THIS PAGE REFLECTS THE USE OF 5/8" STUDS, NUTS AND COMPONENT PARTS WITH 5/8" HOLES. BEFORE INSTALLING STUDS, REDRILL AND TAP THE STEERING KNUCKLE HOUSINGS FOR THE NEW STUDS.

Item	Part No.	Qty.	Description Of Part
1	8307-4719	2	SPINDLE ASSY, (includes items 2 & 3)
2	8368-4148	1	SPINDLE
3	8307-4720	1	BUSHING
4	8368-4150	24	HEX HD CAPSCREW
5	8368-4151	24	LOCKWASHER
6	8307-4900	6	TENSION PIN
7	8307-4891	6	KEY
8	7738-4531	2	STUD, (5/8" dia.)
9	7738-4533	12	HEX LOCKNUT
10	7738-4534	10	STUD, (5/8" dia.)
11	8368-4174	1	BALL
12	7738-4535	1	ARM
13	8851-1112	1	HEX CASTLE NUT, 3/4-16
14	8368-4176	2	COTTER PIN
15	8307-4889	AR	SHIM, (.005 thick)
	8307-4890	AR	SHIM, (.010 thick)
16	8368-4446	3	TRUNNION PIN
17	8368-4445	4	BEARING CONE
18	8368-4444	4	BEARING CUP
19	8368-4447	2	STEERING KNUCKLE HOUSING
20	8368-4195	2	TIE ROD END ASSY
21	7738-4537	1	ARM, L.H.
22	8307-4899	2	CLAMP ASSY
23	8368-4190	1	TIE ROD TUBE
24	8368-4448	2	RETAINER

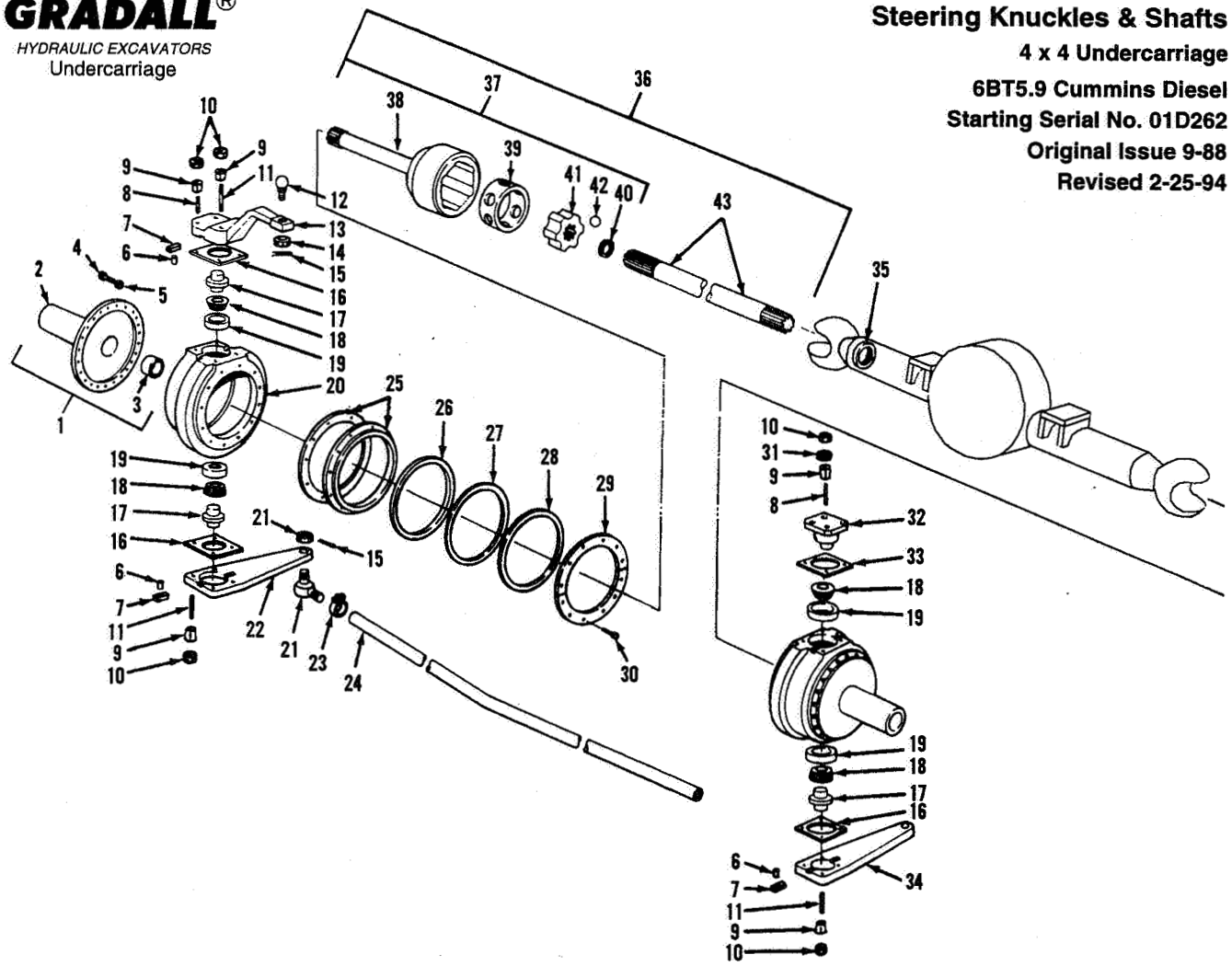
Item	Part No.	Qty.	Description Of Part
25	8368-4166	2	FELT SEAL
26	8368-4168	2	OIL SEAL
27	8307-4716	2	OIL SEAL SPRING
28	8368-4169	2	RETAINER
29	8307-4894	24	HEX HD CAPSCREW
30	7738-4541	1	ARM, R.H.
31	8368-4156	AR	SHIM, (.005 thick)
	7738-4512	AR	SHIM, (.010 thick)
32	7738-4513	1	KING PIN CAP
33	8368-4449	2	SEAL
34	7738-4543	2	SHAFT & JOINT ASSY, OUTER, (includes items 35 thru 41)
35	7738-4515	2	JOINT ASSY, OUTER, (includes item 36 thru 40)
36		1	OUTER RACE BELL
37		1	CAGE
38	8307-4734	1	SNAP RING
39		1	RACE
40		6	BALL
41	7738-4514	2	AXLE SHAFT, INNER
42	7738-4533	4	HEX LOCKNUT
43	7738-4531	4	STUD, (5/8" dia.)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

** - Revised inclusions of kits listed in illustration note.*

https://truckmanualshub.com/

FRONT AXLE ASSEMBLY
Steering Knuckles & Shafts

4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88
Revised 2-25-94

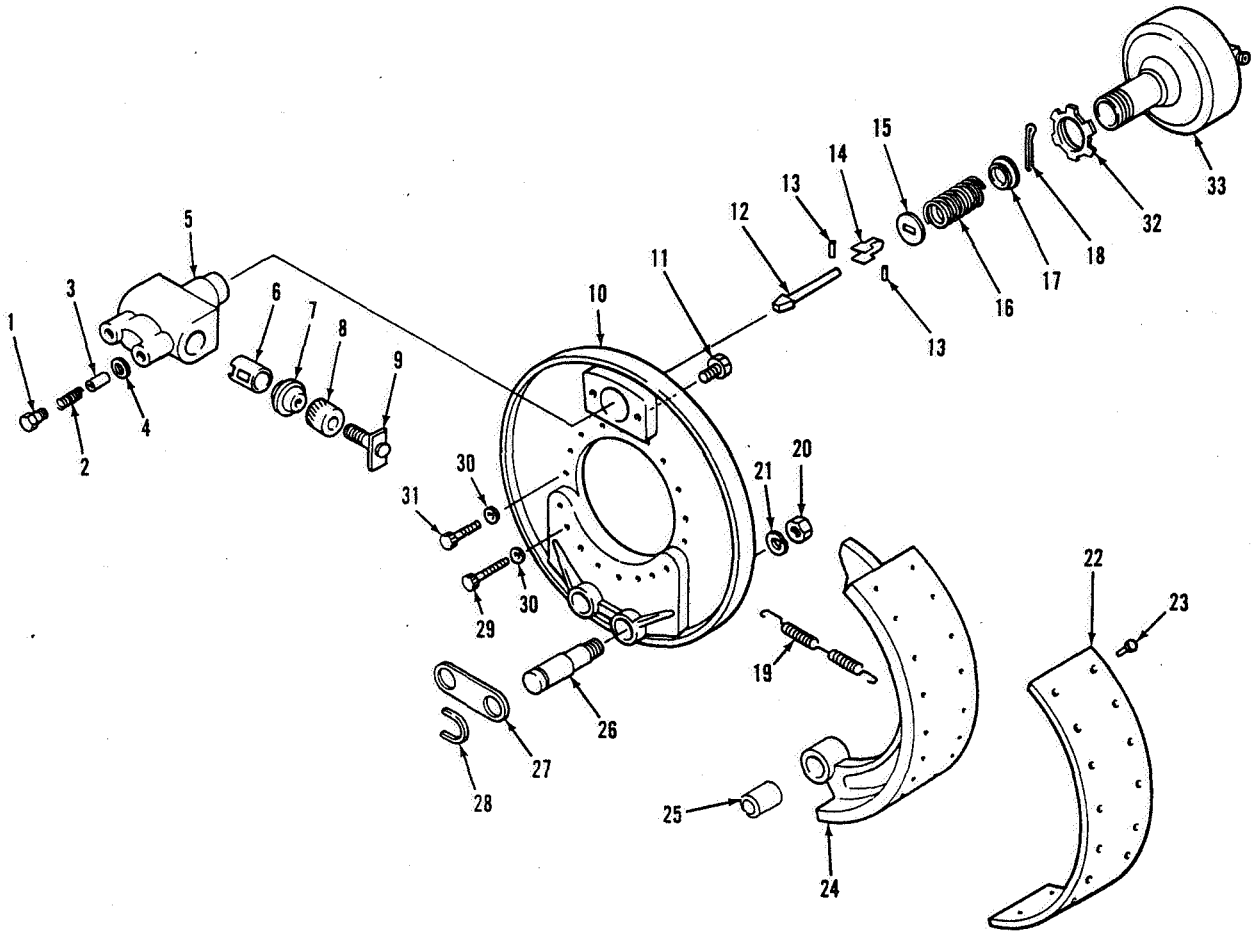


Item	Part No.	Qty.	Description Of Part
1	8307-4719	2	SPINDLE ASSY, (includes items 2 & 3)
2	8368-4148	1	SPINDLE
3	8307-4720	1	BUSHING
4	8368-4150	24	CAPSCREW, 12 POINT HD
5	8368-4151	24	LOCKWASHER
6	8307-4900	6	TENSION PIN
7	8307-4891	6	KEY
8	7738-4531	6	STUD
9	7738-4532	12	CONE LOCK
10	7738-4533	16	HEX LOCKNUT, (lubricate and torque to 115-135 ft. lbs.)
11	7738-4534	10	STUD
12	8368-4174	1	BALL
13	7738-4535	1	ARM
14	8851-1112	1	HEX CASTLE NUT, 3/4-16
15	8368-4176	3	COTTER PIN
16	8307-4889	AR	SHIM, (.005 thick), (round)
	8308-4890	AR	SHIM, (.010 thick), (round)
	8368-4156	AR	SHIM, (.005 thick), (square)
	8307-4723	AR	SHIM, (.010 thick), (square)
17	8368-4446	3	TRUNNION PIN
18	8368-4445	4	BEARING CONE
19	8368-4444	4	BEARING CUP
20	7738-4536	2	STEERING KNUCKLE HOUSING
21	8368-4195	2	TIE ROD END ASSY
22	7738-4537	1	ARM, L.H.
23	8307-4899	2	CLAMP ASSY

Item	Part No.	Qty.	Description Of Part
24	8368-4190	1	TIE ROD TUBE
25	8368-4448	2	RETAINER
26	8368-4166	2	FELT SEAL
27	8368-4168	2	OIL SEAL
28	8307-4716	2	OIL SEAL SPRING
29	8368-4169	2	RETAINER
30	8307-4894	24	HEX HD CAPSCREW
31	8348-1549	4	WASHER
32	7738-4538	1	KING PIN CAP
33	7738-4539	AR	SHIM, (.005 thick)
	7738-4540	AR	SHIM, (.010 thick)
34	7738-4541	1	ARM, R.H.
35	8368-4449	2	SEAL
36	7738-4543	2	SHAFT & JOINT ASSY, (includes items 37 thru 43)
37	7738-4515	2	JOINT ASSY, OUTER, (includes items 38 thru 42)
38		1	OUTER RACE BELL
39		1	CAGE
40		1	SNAP RING
41		1	RACE
42		6	BALL
43	7738-4514	2	AXLE SHAFT, INNER
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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FRONT AXLE ASSEMBLY
Brake Shoe Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-89

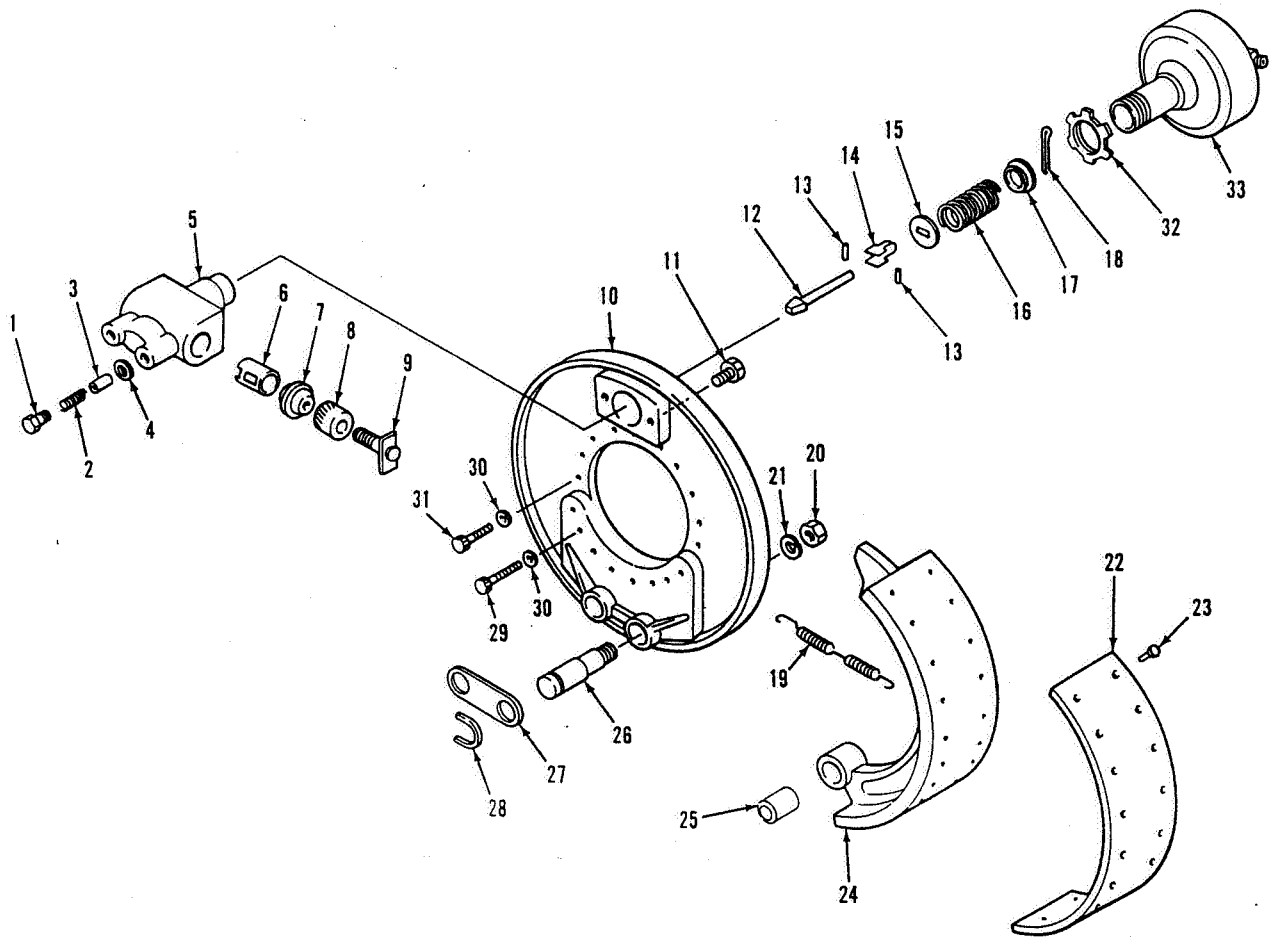


Item	Part No.	Qty.	Description Of Part
	8307-4872	2	BRAKE ASSY (includes all items except items 20 thru 33)
	8307-4789	1	ACTUATOR HOUSING ASSY (includes items 1 thru 9)
	8368-4211	1	WEDGE ASSY (includes items 12 thru 18)
	8307-4797	2	BRAKE SHOE & LINING ASSY (includes items 22 thru 25)
	7738-4577	1	BACK PLATE ASSY (includes items 10,26,27)
1	8307-4873	2	HOLLOW CAPSCREW
2	8307-4874	2	SPRING
3	8307-4875	2	PAWL GUIDE
4	8307-4790	2	GASKET
5	8307-4791	1	HOUSING
6	8307-4792	2	PLUNGER
7	8307-4794	2	OIL SEAL
8	8307-4796	2	ACTUATOR
9	8307-4793	2	ADJUSTING BOLT
10	8307-4807	1	BACKING PLATE
11	8368-4209	2	BOLT
12	8307-4877	1	WEDGE
13	8348-3648	2	ROLLER
14	8307-4878	1	ROLLER CAGE

Item	Part No.	Qty.	Description Of Part
15	8307-4879	1	WASHER
16	8307-4880	1	SPRING
17	8307-4881	1	WASHER
18	8307-4882	1	COTTER PIN
19	8307-4798	1	RETURN SPRING
20	8307-4814	2	ANCHOR PIN LOCKNUT
21	8307-4315	2	LOCK WASHER
22	8307-4883	2	LINING
23	8307-4884	24	RIVET
24	8307-4885	2	BRAKE SHOE ASSY
25	8307-4886	2	BUSHING
26	8307-4887	2	ANCHOR PIN
27	8307-4888	1	ANCHOR PIN STRAP
28	8307-4816	2	C WASHER
29	8368-4144	18	CAPSCREW, 12 POINT HD
30	7738-4545	24	LOCK WASHER
31	8368-4145	14	CAPSCREW, 12 POINT HD
32	8368-4212	1	COLLET NUT
33	8368-4213	1	AIR CHAMBER ASSY
			NOTE: QUANTITIES SHOWN ARE FOR ONE BRAKE ASSEMBLY.

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FRONT AXLE ASSEMBLY
Brake Shoe Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88
Revised 5-89

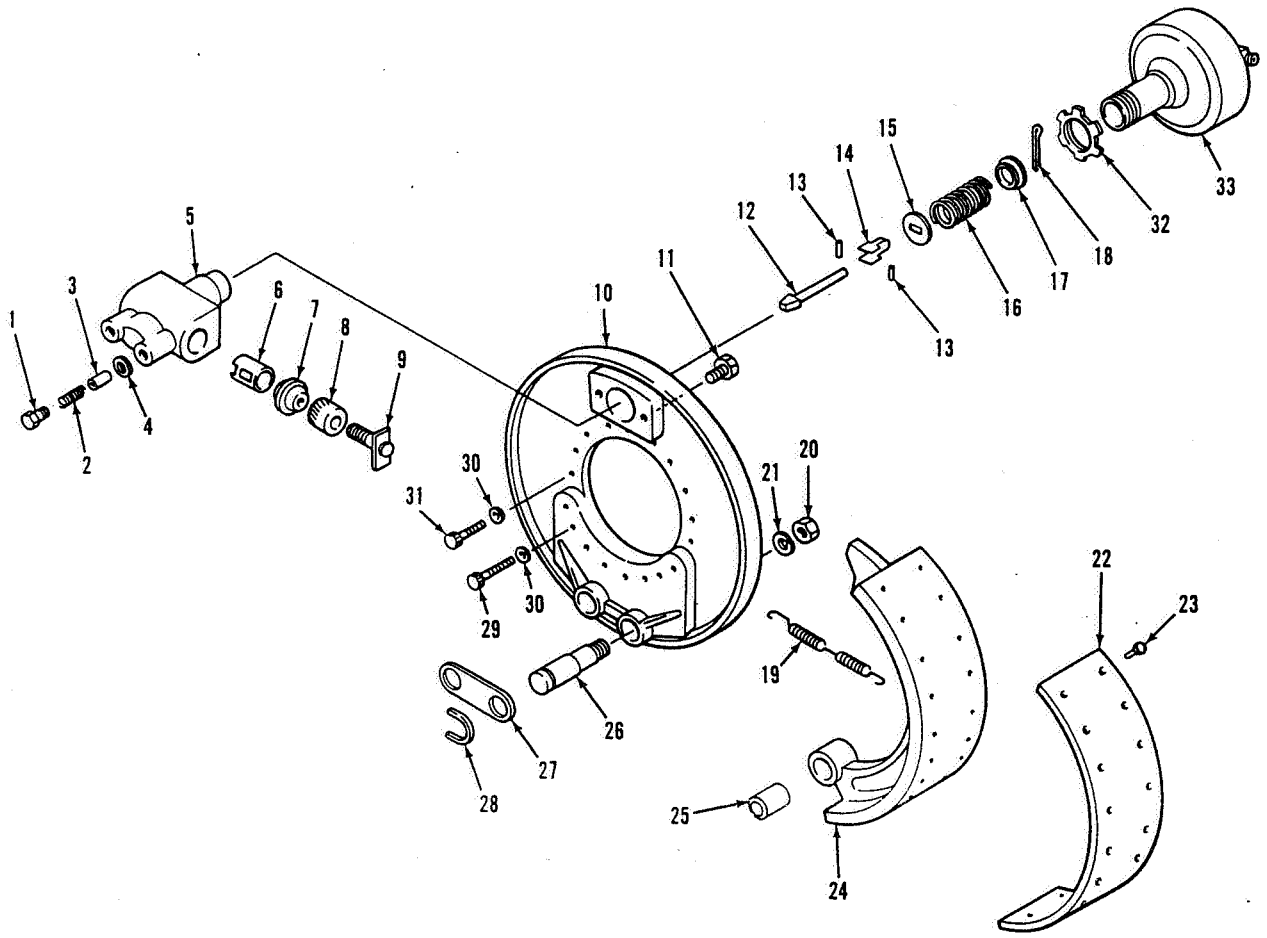


Item	Part No.	Qty.	Description Of Part
	8307-4872	2	BRAKE ASSY (includes all items except items 20 thru 33)
	8307-4789	1	ACTUATOR HOUSING ASSY (includes items 1 thru 9)
	8368-4211	1	WEDGE ASSY (includes items 12 thru 18)
	8307-4797	2	BRAKE SHOE & LINING ASSY (includes items 22 thru 25)
	7738-4577	1	BACK PLATE ASSY (includes items 10,26,27)
1	8307-4873	2	HOLLOW CAPSCREW
2	8307-4874	2	SPRING
3	8307-4875	2	PAWL GUIDE
4	8307-4790	2	GASKET
5	8307-4791	1	HOUSING
6	8307-4792	2	PLUNGER
7	8307-4794	2	OIL SEAL
8	8307-4796	2	ACTUATOR
9	8307-4793	2	ADJUSTING BOLT
10	8307-4807	1	BACKING PLATE
11	8368-4209	2	BOLT
12	8307-4877	1	WEDGE
13	8348-3648	2	ROLLER
14	8307-4878	1	ROLLER CAGE

Item	Part No.	Qty.	Description Of Part
15	8307-4879	1	WASHER
16	8307-4880	1	SPRING
17	8307-4881	1	WASHER
18	8307-4882	1	COTTER PIN
19	8307-4798	1	RETURN SPRING
20	8307-4814	2	ANCHOR PIN LOCKNUT
21	8307-4315	2	LOCK WASHER
22	8307-4883	2	LINING
23	8307-4884	24	RIVET
24	8307-4885	2	BRAKE SHOE ASSY
25	8307-4886	2	BUSHING
26	8307-4887	2	ANCHOR PIN
27	8307-4888	1	ANCHOR PIN STRAP
28	8307-4816	2	C WASHER
29	8368-4144	18	CAPSCREW, 12 POINT HD
30	7738-4545	24	LOCK WASHER
31	8368-4145	14	CAPSCREW, 12 POINT HD
32	8368-4212	1	COLLET NUT
33	8368-4213	1	AIR CHAMBER ASSY
			NOTE: QUANTITIES SHOWN ARE FOR ONE BRAKE ASSEMBLY.

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FRONT AXLE ASSEMBLY
Brake Shoe Assembly
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88
Revised 5-89

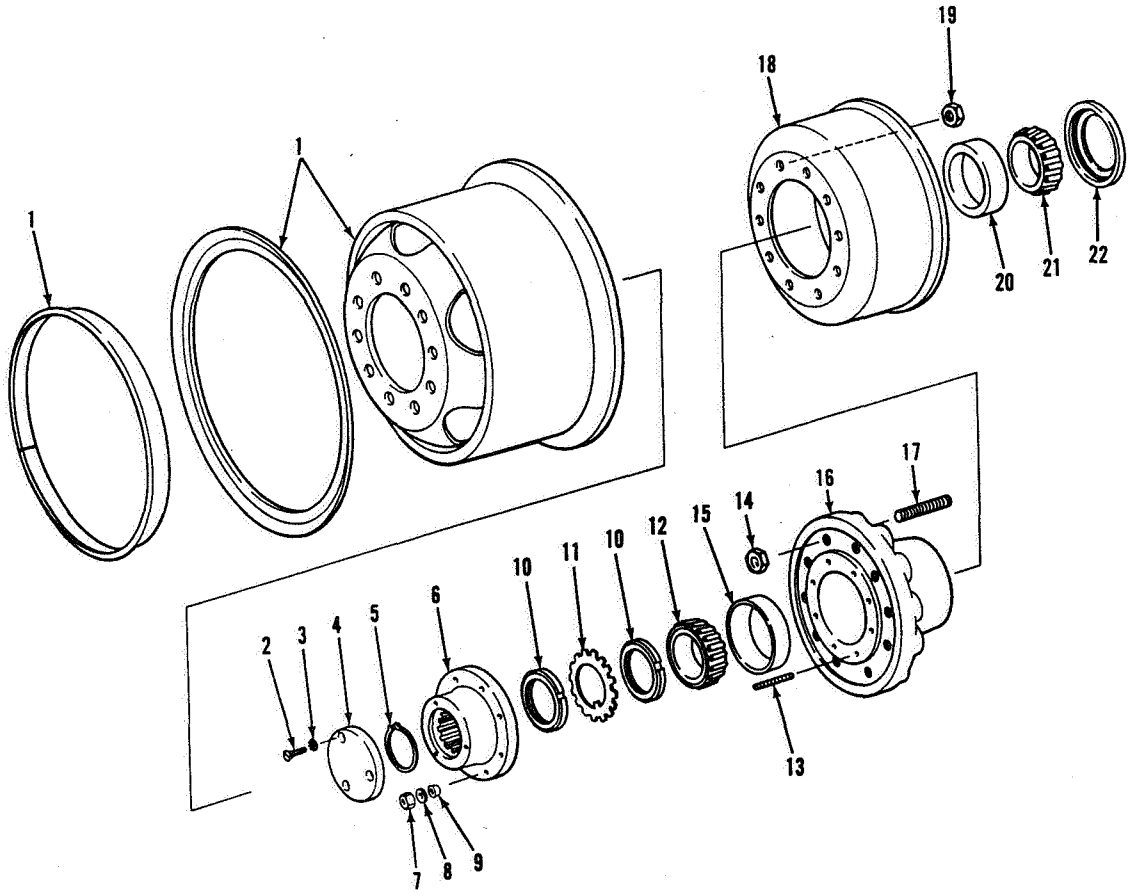


Item	Part No.	Qty.	Description Of Part
	8307-4872	2	BRAKE ASSY (includes all items except items 20 thru 33)
	8307-4789	1	ACTUATOR HOUSING ASSY (includes items 1 thru 9)
	8368-4211	1	WEDGE ASSY (includes items 12 thru 18)
	8307-4797	2	BRAKE SHOE & LINING ASSY (includes items 22 thru 25)
	7738-4577	1	BACK PLATE ASSY (includes items 10,26,27)
1	8307-4873	2	HOLLOW CAPSCREW
2	8307-4874	2	SPRING
3	8307-4875	2	PAWL GUIDE
4	8307-4790	2	GASKET
5	8307-4791	1	HOUSING
6	8307-4792	2	PLUNGER
7	8307-4794	2	OIL SEAL
8	8307-4796	2	ACTUATOR
9	8307-4793	2	ADJUSTING BOLT
10	8307-4807	1	BACKING PLATE
11	8368-4209	2	BOLT
12	8307-4877	1	WEDGE
13	8348-3648	2	ROLLER
14	8307-4878	1	ROLLER CAGE

Item	Part No.	Qty.	Description Of Part
15	8307-4879	1	WASHER
16	8307-4880	1	SPRING
17	8307-4881	1	WASHER
18	8307-4882	1	COTTER PIN
19	8307-4798	1	RETURN SPRING
20	8307-4814	2	ANCHOR PIN LOCKNUT
21	8307-4315	2	LOCK WASHER
22	8307-4883	2	LINING
23	8307-4884	24	RIVET
24	8307-4885	2	BRAKE SHOE ASSY
25	8307-4886	2	BUSHING
26	8307-4887	2	ANCHOR PIN
27	8307-4888	1	ANCHOR PIN STRAP
28	8307-4816	2	C WASHER
29	8368-4144	18	CAPSCREW, 12 POINT HD
30	7738-4545	24	LOCK WASHER
31	8368-4145	14	CAPSCREW, 12 POINT HD
32	8368-4212	1	COLLET NUT
33	8368-4213	1	AIR CHAMBER ASSY
			NOTE: QUANTITIES SHOWN ARE FOR ONE BRAKE ASSEMBLY.

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FRONT AXLE ASSEMBLY
Front Disc Wheel & Rim
4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-88



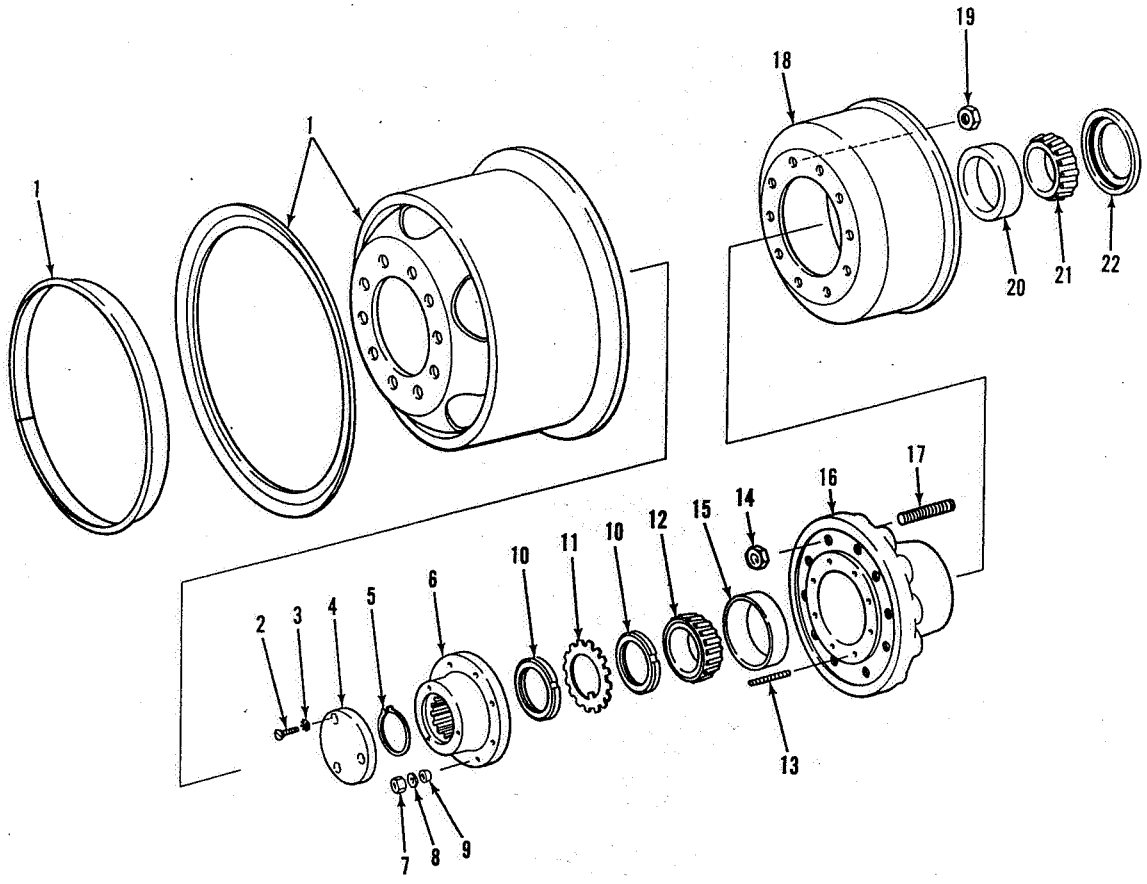
NOTE: SEE PAGE UN4-9 FOR FRONT AXLE RETROFIT KIT NOTE.

Item	Part No.	Qty.	Description Of Part
	8368-4126	1	HUB & DRUM ASSY (includes items 15 thru 20)
1	8368-3315	1	RIM ASSY (for standard 15:00x22.5 tires)
	7738-3160	1	RIM ASSY (for optional 18:00x22.5 tires)
2	8368-4114	3	FLAT HD MACHINE SCREW
3	8368-4115	3	EXTERNAL TOOTH LOCK WASHER
4	8307-4736	1	COVER
5	8307-4721	1	SNAP RING
6		1	DRIVE FLANGE
7		8	HEX NUT
8		8	FLAT WASHER
9		8	DOWEL
10	8307-4279	2	BEARING NUT
11	8307-4280	1	BEARING LOCK WASHER
12	8307-4278	1	OUTER BEARING CONE
13	8307-4689	8	STUD
14	8307-4682	10	HEX NUT
15	8368-4127	1	OUTER BEARING CUP

Item	Part No.	Qty.	Description Of Part
16	8368-4128	1	HUB
17	8307-4684	10	STUD
18	8368-4130	1	DRUM
19	8368-4131	10	HEX NUT
20	8368-4132	1	INNER BEARING CUP
21	8307-4692	1	INNER BEARING CONE
22	8307-4693	1	OIL SEAL
			NOTE: WHEN ASSEMBLING DRIVE FLANGE TO HUB, USE LOCTITE GASKET ELIMINATOR #515 OR ANY OTHER COMMERCIAL EQUIVALENTS EQUAL TO LOCTITE.
			NOTE: QUANTITIES SHOWN ARE FOR ONE FRONT DISC WHEEL & RIM & ONE HUB & DRUM.
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

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FRONT AXLE ASSEMBLY
Front Disc Wheel & Rim
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D174
Original Issue 4-88

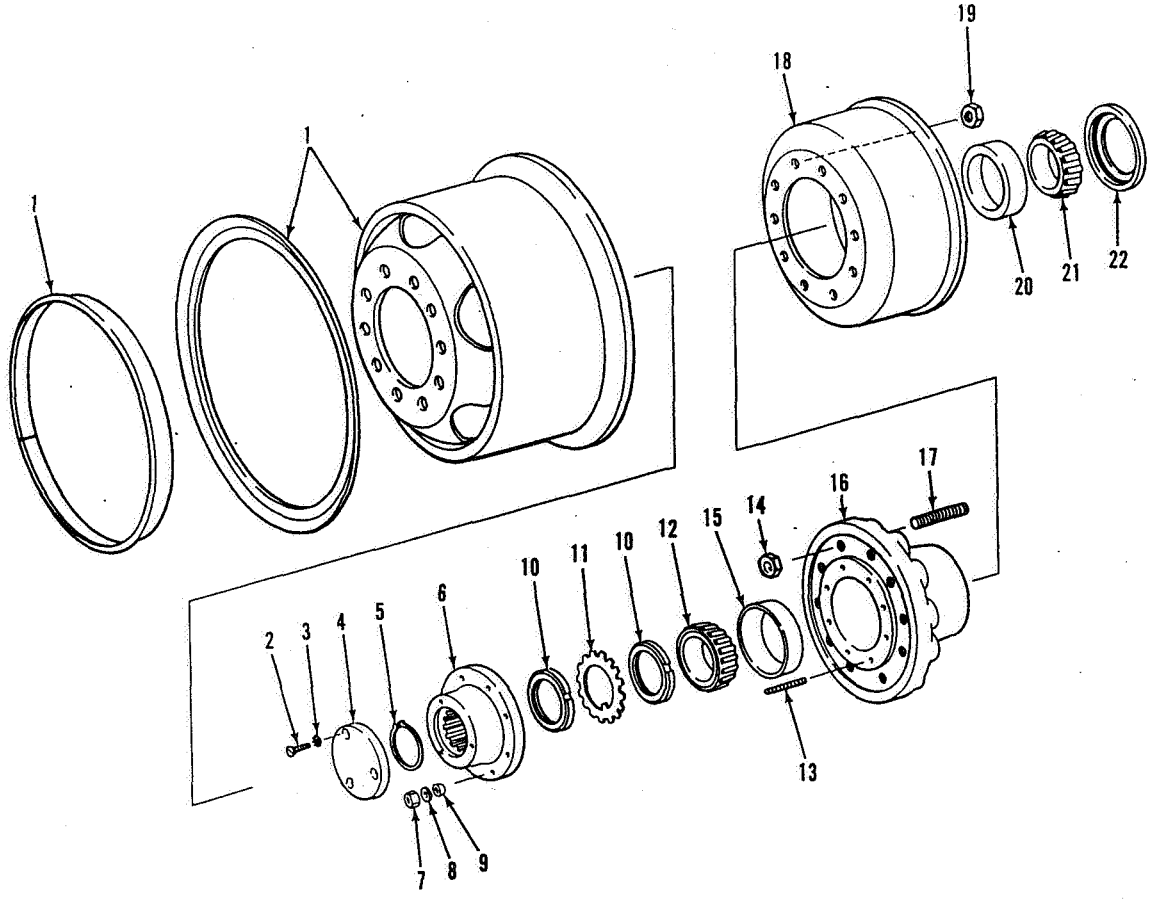


Item	Part No.	Qty.	Description Of Part
	8368-4126	1	HUB & DRUM ASSY (includes items 15 thru 20)
1	8368-3315	1	RIM ASSY (for standard 15:00x22.5 tires)
	7738-3160	1	RIM ASSY (for optional 18:00x22.5 tires)
2	8368-4114	3	FLAT HD MACHINE SCREW
3	8368-4115	3	EXTERNAL TOOTH LOCK WASHER
4	8307-4736	1	COVER
5	8307-4721	1	SNAP RING
6	8368-4528	1	DRIVE FLANGE
7	8307-4688	8	HEX NUT
8	8368-4529	8	FLAT WASHER
9	8368-4530	8	DOWEL
10	8307-4279	2	BEARING NUT
11	8307-4280	1	BEARING LOCK WASHER
12	8307-4278	1	OUTER BEARING CONE
13	8307-4689	8	STUD
14	8307-4682	10	HEX NUT

Item	Part No.	Qty.	Description Of Part
15	8368-4127	1	OUTER BEARING CUP
16	8368-4128	1	HUB
17	8307-4684	10	STUD
18	8368-4130	1	DRUM
19	8368-4131	10	HEX NUT
20	8368-4132	1	INNER BEARING CUP
21	8307-4692	1	INNER BEARING CONE
22	8307-4693	1	OIL SEAL
			NOTE: WHEN ASSEMBLING DRIVE FLANGE TO HUB, USE LOCTITE GASKET ELIMINATOR #515 OR ANY OTHER COMMERCIAL EQUIVALENTS EQUAL TO LOCTITE.
			NOTE: QUANTITIES SHOWN ARE FOR ONE FRONT DISC WHEEL & RIM & ONE HUB & DRUM

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FRONT AXLE ASSEMBLY
Front Disc Wheel & Rim
4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 9-88

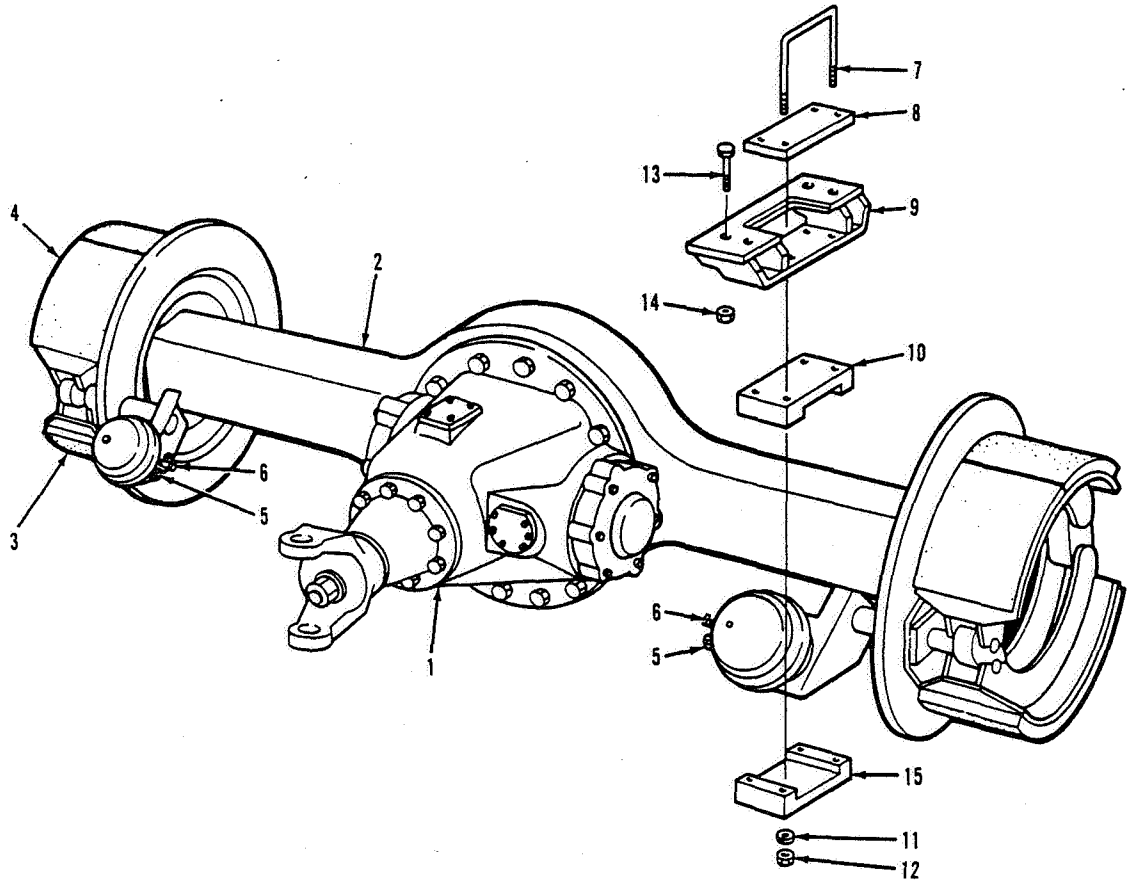


Item	Part No.	Qty.	Description Of Part
	8368-4126	1	HUB & DRUM ASSY (includes items 15 thru 20)
1	8368-3315	1	RIM ASSY (for standard 15:00x22.5 tires)
	7738-3160	1	RIM ASSY (for optional 18:00x22.5 tires)
2	8368-4114	3	FLAT HD MACHINE SCREW
3	8368-4115	3	EXTERNAL TOOTH LOCK WASHER
4	8307-4736	1	COVER
5	8307-4721	1	SNAP RING
6	8368-4528	1	DRIVE FLANGE
7	8307-4688	8	HEX NUT
8	8368-4529	8	FLAT WASHER
9	8368-4530	8	DOWEL
10	8307-4279	2	BEARING NUT
11	8307-4280	1	BEARING LOCK WASHER
12	8307-4278	1	OUTER BEARING CONE
13	8307-4689	8	STUD
14	7738-4544	10	HEX NUT

Item	Part No.	Qty.	Description Of Part
15	8368-4127	1	OUTER BEARING CUP
16	8368-4128	1	HUB
17	8307-4684	10	STUD
18	8368-4130	1	DRUM
19	8368-4131	10	HEX NUT
20	8368-4132	1	INNER BEARING CUP
21	8307-4692	1	INNER BEARING CONE
22	8307-4693	1	OIL SEAL
			NOTE: WHEN ASSEMBLING DRIVE FLANGE TO HUB, USE LOCTITE GASKET ELIMINATOR #515 OR ANY OTHER COMMERCIAL EQUIVALENTS EQUAL TO LOCTITE.
			NOTE: QUANTITIES SHOWN ARE FOR ONE FRONT DISC WHEEL & RIM & ONE HUB & DRUM

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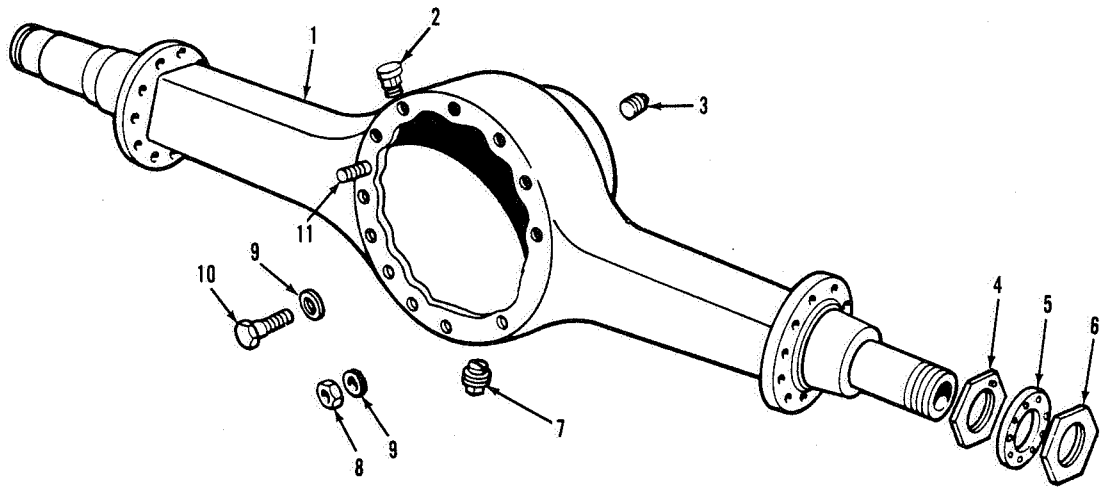
REAR AXLE ASSEMBLY
Rear Axle Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 10-85
Revised 1-86



Item	Part No.	Qty.	Description Of Part
	7738-3327	1	REAR AXLE ASSY (includes items 1, 2, 3)
1		Ref	DIFFERENTIAL ASSY (see page UN 5-3 for details)
2		Ref	HOUSING ASSY (see page UN 5-2 for details)
3		Ref	SERVICE BRAKE ASSY (see page UN 5-4 for details
4		Ref	REAR DISC WHEEL & RIM (see page UN 5-5 for details)
		Ref	REAR SPOKE WHEEL & RIM (see page UN 5-5 for details)
5	8688-3045	2	TUBE FITTING, 90 DEGREES, 3/8X3/8
6	8688-3052	2	TUBE FITTING, 90 DEGREES
7	7738-3117	4	U BOLT
8	7738-3116	2	TOP PLATE
9	7738-6022	2	AXLE BRACKET(4X2 Undercarriage)
	7738-6043	2	AXLE BRACKET(4X4 Undercarriage)
10	7738-1418	2	TOP AXLE SEAT
11	7738-3118	8	FLAT WASHER
12	7738-3119	8	HIGH NUT (lubricate and torque to 390-425 ft.lbs. after locating axle on frame)
13	8820-1137	8	HEX HD CAPSCREW, 1-8X3, GR 5
14	8852-1216	8	HEX LOCKNUT, 1-8 (lubricate and torque to 460-510 ft.lbs.)
15	7738-1424	2	BOTTOM AXLE SEAT

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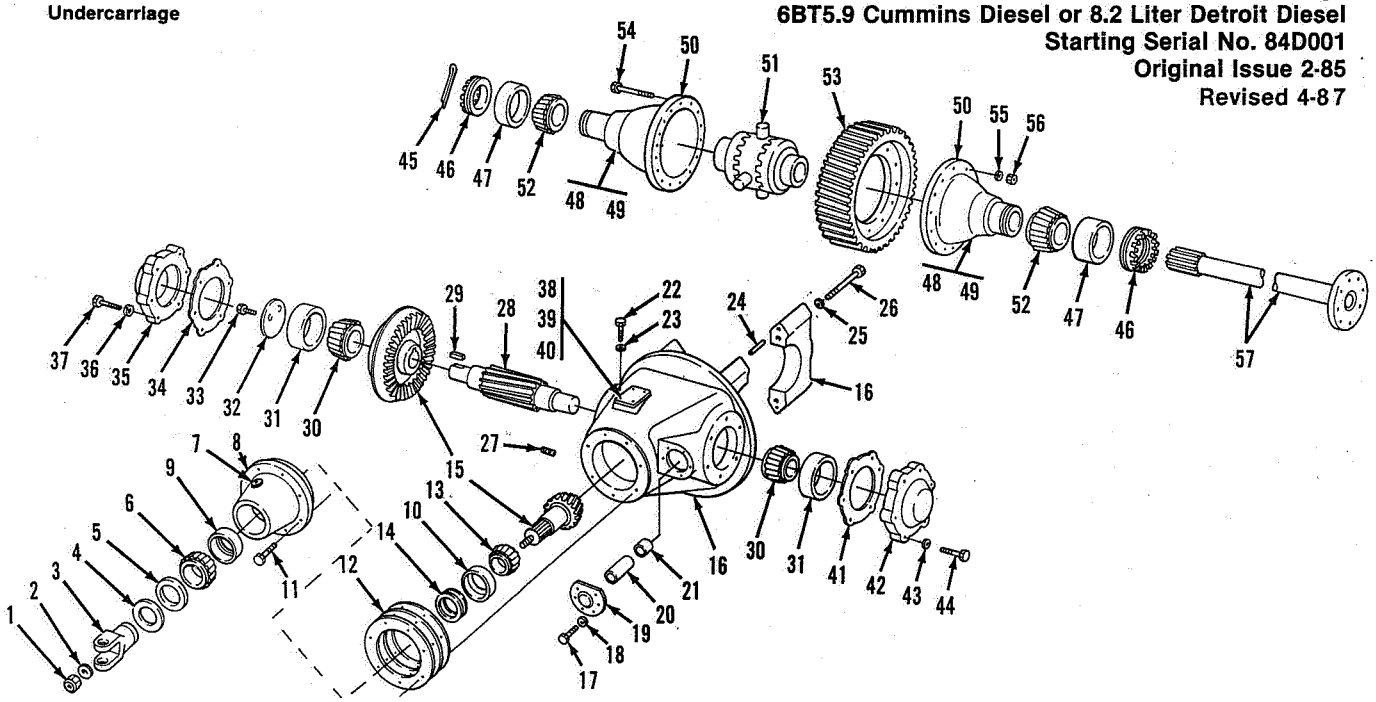
REAR AXLE ASSEMBLY
Housing Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85



Item	Part No.	Qty.	Description Of Part
1	7738-4425	1	HOUSING ASSY
2	8307-1503	1	BREATHER
3	8307-3699	1	PLUG
4	8307-3466	2	INNER WHEEL BEARING NUT
5	8307-3303	2	LOCK WASHER
6	8307-3302	2	OUTER WHEEL BEARING NUT
7	8307-3451	1	PLUG
8	8348-3432	4	HEX NUT
9	8308-1182	14	FLAT WASHER
10	8698-4011	10	HEX HD CAPSCREW
11	8368-4053	2	STUD, LONG
	8307-1700	2	STUD, SHORT

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REAR AXLE ASSEMBLY
Differential Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-87

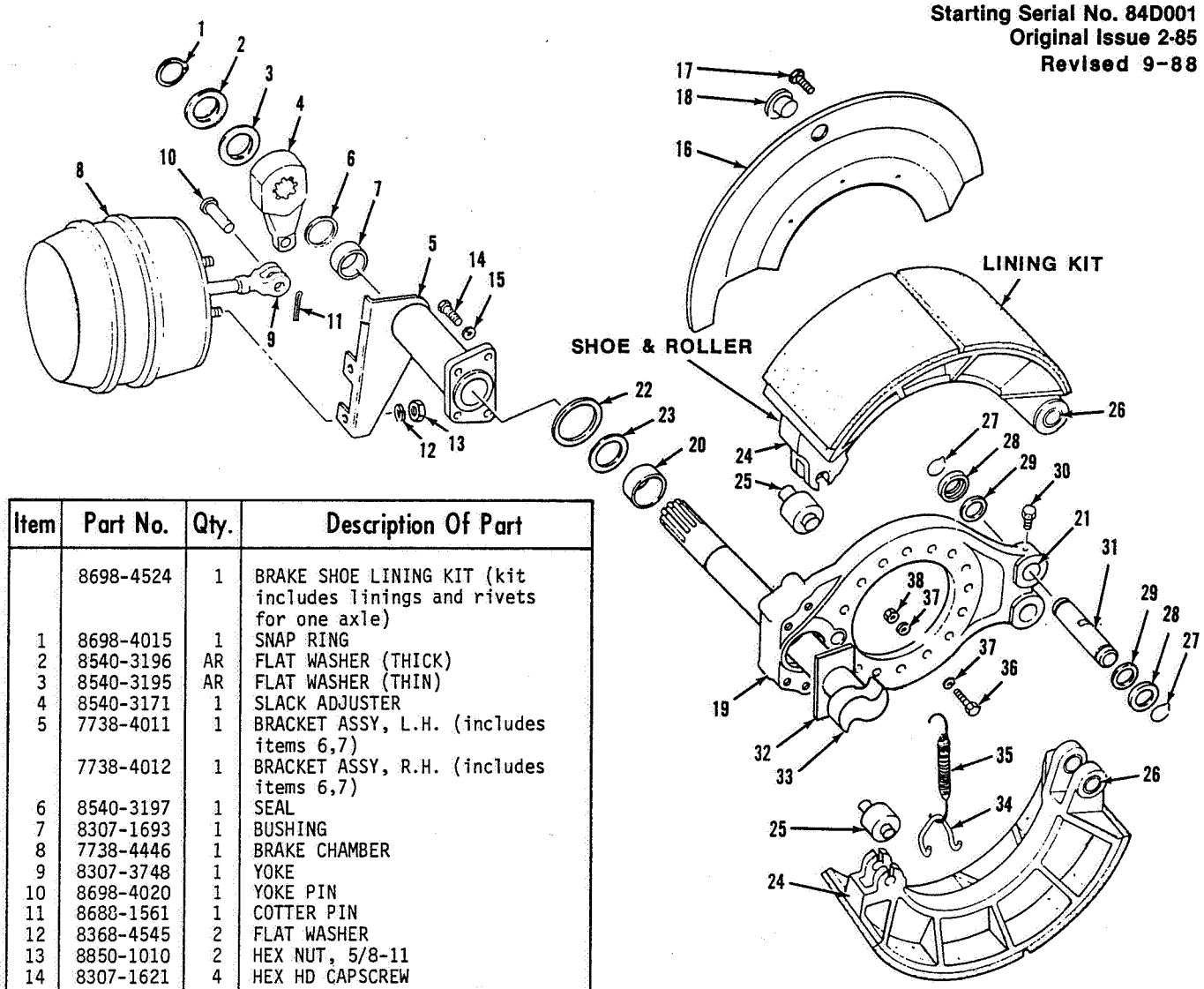


Item	Part No.	Qty.	Description Of Part
	7738-4426	1	DIFFERENTIAL CARRIER ASSY, NO-SPIN (includes all items except item 57)
1	8688-1677	1	NUT
2	8688-1678	1	WASHER
3	7738-4427	1	YOKE ASSY (includes item 4)
4	8698-4102	1	DEFLECTOR
5	8309-1227	1	OIL SEAL
6	9020-6501	1	OUTER BEARING CONE
7	8540-3258	1	PLUG
8	8307-4618	1	PINION BEARING CAGE ASSY (includes items 9, 10)
9	9020-6500	1	OUTER BEARING CUP
10	8338-4053	1	INNER BEARING CUP
11	8540-3238	7	HEX HD CAPSCREW
12	8309-1287	AR	SHIM (.003 THICK)
	8540-4016	AR	SHIM (.005 THICK)
	8309-1247	AR	SHIM (.010 THICK)
13	8540-3256	1	INNER BEARING CONE
14	7738-4428	AR	SHIM (.232 THICK)
	8309-1285	AR	SHIM (.234 THICK)
	8307-4627	AR	SHIM (.236 THICK)
	8307-4628	AR	SHIM (.240 THICK)
	8307-4629	AR	SHIM (.244 THICK)
	8307-4630	AR	SHIM (.248 THICK)
	8307-4631	AR	SHIM (.252 THICK)
	8309-1286	AR	SHIM (.254 THICK)
15	7738-4429	1	RING GEAR & PINION SET (includes item 1)
16	7738-4430	1	DIFFERENTIAL CARRIER & CAP ASSY (includes item 17 thru 26)
17	8368-4316	4	HEX HD CAPSCREW
18	8348-3569	4	LOCK WASHER
19	7738-4431	1	COVER
20		1	BUSHING, LONG
21		1	BUSHING, SHORT
22		2	HEX HD PLUGGING SCREW
23	8368-4323	2	FLAT WASHER
24	8348-3442	4	DOWEL
25	8540-4005	4	FLAT WASHER
26	8540-4004	4	HEX HD CAPSCREW
27	7710-4290	1	OIL LEVEL PLUG

Item	Part No.	Qty.	Description Of Part
28	7738-4432	1	PINION SHAFT
29	7738-4433	1	KEY
30	7738-4434	2	BEARING CONE
31	8309-1278	2	BEARING CUP
32	7738-4435	1	SPECIAL WASHER
33	8540-3234	2	HEX HD CAPSCREW
34	8309-1248	AR	SHIM (.003 THICK)
	8309-1249	AR	SHIM (.005 THICK)
	8309-1279	AR	SHIM (.010 THICK)
35	8540-3241	1	BEARING CAGE ASSY, R.H. (includes item 31)
36	8540-3217	6	FLAT WASHER
37	8540-3238	6	HEX HD CAPSCREW
38	8540-3246	1	INSPECTION HOLE COVER
39	8309-1251	1	GASKET
40	8368-4316	4	HEX HD CAPSCREW
41	7738-4436	AR	SHIM (.003 THICK)
	7738-4437	AR	SHIM (.005 THICK)
	7738-4438	AR	SHIM (.010 THICK)
42	7738-4439	1	BEARING CAGE ASSY, L.H. (includes item 31)
43	8540-3217	6	FLAT WASHER
44	7738-4440	1	HEX HD CAPSCREW, SHORT
	8540-3238	4	HEX HD CAPSCREW, MEDIUM
	7738-4441	1	HEX HD CAPSCREW, LONG
45	8348-3441	1	COTTER PIN, R.H.
46	7738-4442	2	BEARING ADJUSTING RING
47	8309-1117	2	BEARING CUP
48	7738-4443	1	DIFFERENTIAL CASE & GEAR ASSY (includes items 49 thru 56)
49	7738-4444	1	DIFFERENTIAL SUB-ASSY, NO SPIN (includes items 50, 51)
50	8309-1119	1	CASE ASSY
51	8698-4315	1	NO SPIN DIFFERENTIAL
52	8309-1116	2	BEARING CONE
53	7738-4445	1	SPUR GEAR
54	8540-3233	12	HEX HD CAPSCREW
55	8540-3254	12	FLAT WASHER
56	8540-3227	12	HEX LOCKNUT
57	8338-3261	2	AXLE SHAFT

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REAR AXLE ASSEMBLY
Brake Shoe Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 9-88

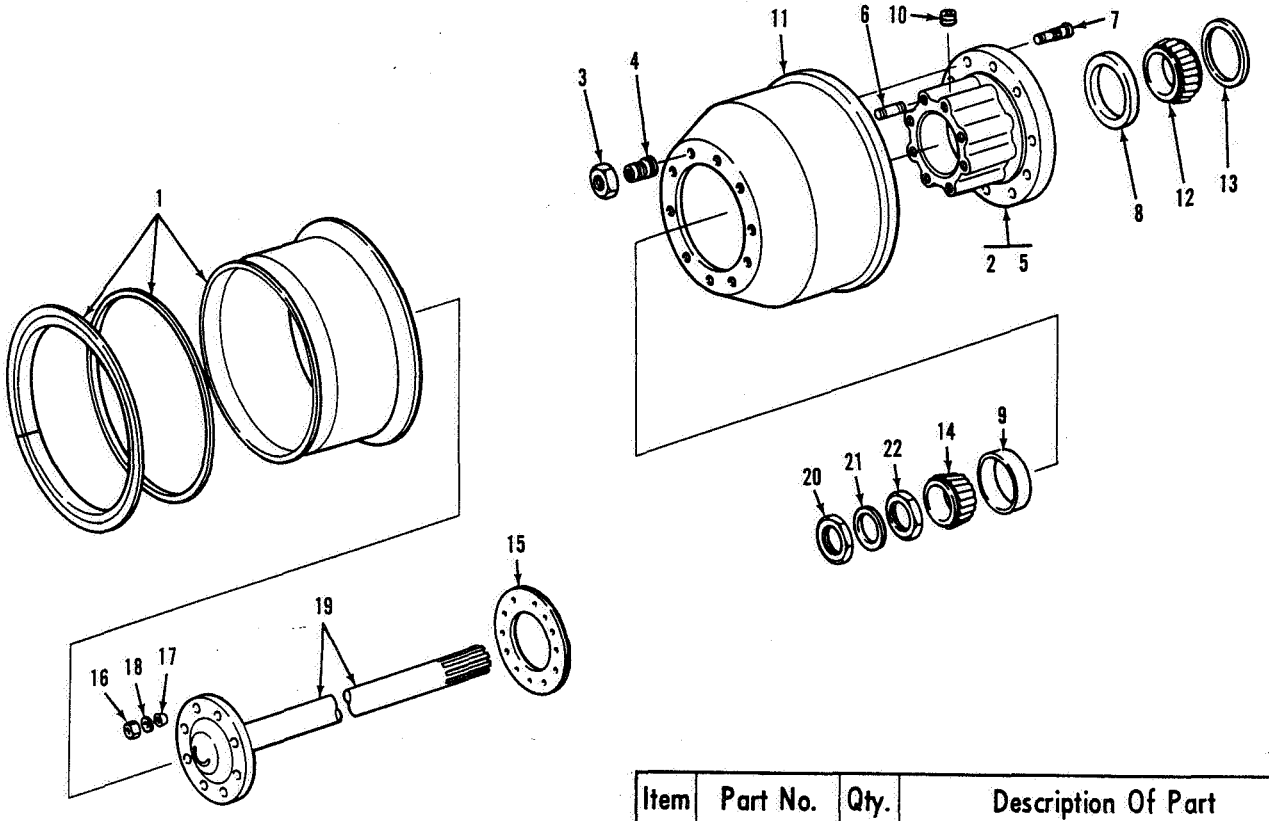


Item	Part No.	Qty.	Description Of Part
	8698-4524	1	BRAKE SHOE LINING KIT (kit includes linings and rivets for one axle)
1	8698-4015	1	SNAP RING
2	8540-3196	AR	FLAT WASHER (THICK)
3	8540-3195	AR	FLAT WASHER (THIN)
4	8540-3171	1	SLACK ADJUSTER
5	7738-4011	1	BRACKET ASSY, L.H. (includes items 6,7)
	7738-4012	1	BRACKET ASSY, R.H. (includes items 6,7)
6	8540-3197	1	SEAL
7	8307-1693	1	BUSHING
8	7738-4446	1	BRAKE CHAMBER
9	8307-3748	1	YOKE
10	8698-4020	1	YOKE PIN
11	8688-1561	1	COTTER PIN
12	8368-4545	2	FLAT WASHER
13	8850-1010	2	HEX NUT, 5/8-11
14	8307-1621	4	HEX HD CAPSCREW
15	8698-1562	4	FLAT WASHER
16	8368-4074	1	DUST SHIELD ASSY
17	8368-4076	6	HEX HD CAPSCREW
18	8368-3829	1	PLUG
19	8368-4080	1	SPIDER ASSY (includes items 20 thru 23)
20	8307-1693	1	BUSHING
21	8368-4081	2	BUSHING
22	8540-3198	1	SEAL
23	8540-3197	1	SEAL
24	8698-4525	2	BRAKE SHOE & ROLLER ASSY (includes items 25,26)
25	7738-4447	1	ROLLER
26	8368-4070	2	BUSHING
27	8348-1443	4	SNAP RING
28	8307-1419	4	RETAINER
29	8307-1417	4	FELT
30	8368-4083	2	HEX HD CAPSCREW
31	8368-4084	2	ANCHOR PIN
32	8307-1530	1	SPECIAL WASHER
33	7738-4013	1	CAMSHAFT, L.H.
	7738-4014	1	CAMSHAFT, R.H.
34	8368-4086	2	RETURN SPRING PIN
35	8368-4085	1	RETURN SPRING
36	8308-1055	16	HEX HD CAPSCREW
37	8368-3836	32	HARDENED WASHER
38	8688-3065	16	HEX NUT

Item	Part No.	Qty.	Description Of Part
			NOTE: QUANTITIES SHOWN FOR ONE BRAKE
			NOTE: WHEN REPLACING BRAKE LININGS, IT IS RECOMMENDED TO REPLACE ALL LININGS AT THE SAME TIME.
			NOTE: BRAKE SHOES (item 24) ARE NO LONGER FURNISHED WITH LININGS INSTALLED DUE TO THE POSSIBILITY OF THE SHOES HAVING THE INCORRECT LINING MIXTURE. WHEN REPLACING, USE THE SHOE & ROLLER AND THE LINING KIT. THE KIT CONTAINS THE CORRECT LINING MIXTURE.

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REAR AXLE ASSEMBLY
Rear Disc Wheel & Rim
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-90

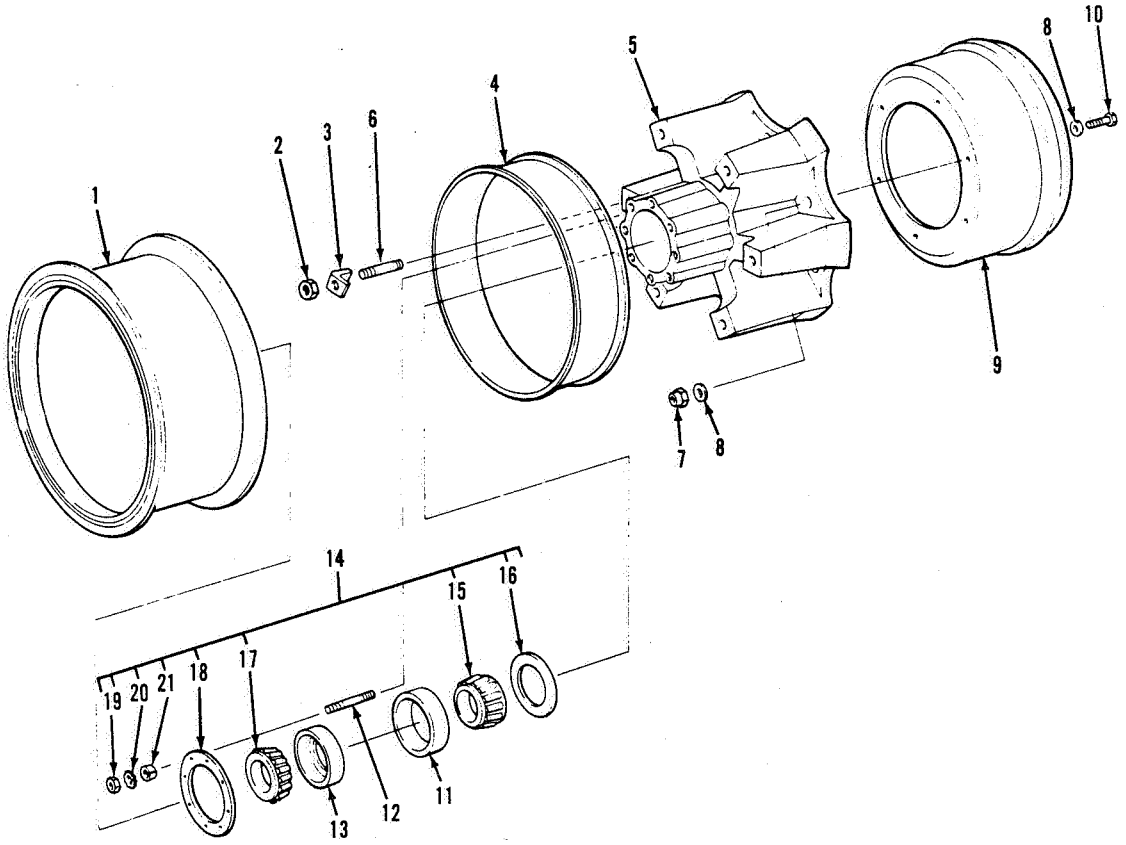


Item	Part No.	Qty.	Description Of Part
	8368-3355	1	BEARING KIT (kit contains parts for two wheel assys)(includes items 12 thru 18)
1	8688-3300	1	RIM ASSY (for standard 11:00X20 tires)
	7738-3160	1	RIM ASSY (for optional 18:00X22.5 tires)
2	8368-3324	1	HUB & DRUM ASSY, R.H. (includes items 3 thru 11)
	8368-3323	1	HUB & DRUM ASSY, L.H. (includes items 3 thru 11)
3	8688-1221	10	OUTER NUT, R.H. (use with P/N 8688-3300 Rim & 11:00X20 tires)
	8348-1282	10	OUTER NUT, R.H. (use with P/N 7738-3160 Rim & 18:00X22.5 tires)
	8688-1220	10	OUTER NUT, L.H. (use with P/N 8688-3300 Rim & 11:00X20 tires)
	8348-1281	10	OUTER NUT, L.H. (use with P/N 7738-3160 Rim & 18:00X22.5 tires)

Item	Part No.	Qty.	Description Of Part
4	8688-1218	10	INNER NUT, R.H.
	8688-1217	10	INNER NUT, L.H.
5	8688-3159	1	HUB & STUD ASSY, R.H. (includes items 6 thru 10)
	8368-3158	1	HUB & STUD ASSY, L.H. (includes items 6 thru 10)
6	8307-4639	8	AXLE SHAFT STUD
7	8368-3738	10	STUD, R.H.
	8368-3739	10	STUD, L.H.
8	8307-1793	1	INNER BEARING CUP
9	8307-1572	1	OUTER BEARING CUP
10	8871-1281	1	HEX SOCKET PIPE PLUG, 1/4
11	8368-3740	1	DRUM
12	8368-3356	2	INNER BEARING CONE
13	8368-3357	2	INNER SEAL
14	8307-3134	2	OUTER BEARING CONE
15	8308-1272	4	AXLE SHAFT GASKET
16	8850-1310	8	HEX NUT, 5/8-18
17	8309-1186	16	AXLE SHAFT DOWEL
18	8307-1409	16	STAR WASHER
19		Ref	AXLE SHAFT (see page UN 5-3 for details)
20		Ref	OUTER WHEEL BEARING NUT (see page UN 5-2 for details)
21		Ref	LOCK WASHER (see page UN 5-2 for details)
22		Ref	INNER WHEEL BEARING NUT (see page UN 5-2 for details)

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REAR AXLE ASSEMBLY
Rear Spoke Wheel & Rim
4 x 2 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 10-85

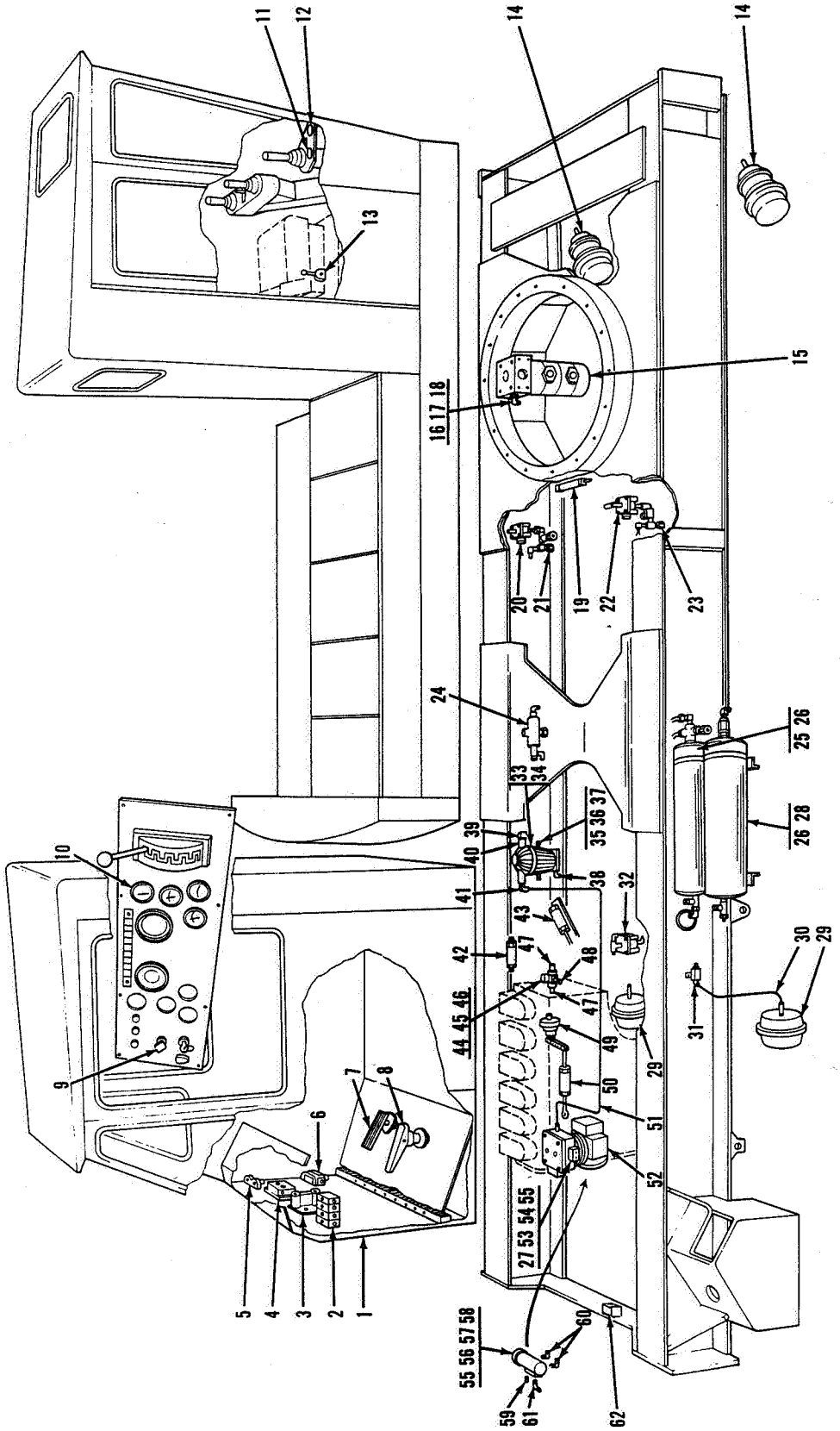


Item	Part No.	Qty.	Description Of Part
1	8698-3014	1	RIM ASSY (For Standard 11:00X20 Tires)
	7738-3012	1	RIM ASSY (For Optional 18:00X22.5 Tires)
2	8348-3289	6	WHEEL NUT (lubricate and torque to 200 ft.lbs.)
3	8368-3366	6	WHEEL CLAMP
4	7720-3003	1	WHEEL SPACER
5	8368-3332	1	WHEEL ASSY, GUNITE (includes items 6 thru 14)
6	8348-3391	6	RIM STUD
7	8348-3394	6	NUT (lubricate and torque to 275-325 ft.lbs.)
8	8348-3395	12	WASHER
9	8368-3775	1	DRUM
10	8688-3345	6	HEX HD CAPSCREW
11	8307-1793	1	INNER BEARING CUP
12	8368-3778	8	DRIVE STUD
13	8307-1572	1	OUTER BEARING CUP
14	8368-3355	1	BEARING KIT (kit contains parts for two wheel assys)(includes items 15 thru 21)
15	8368-3356	2	INNER BEARING CONE
16	8368-3357	2	INNER SEAL
17	8307-3134	2	OUTER BEARING CONE
18	8308-1272	4	AXLE SHAFT GASKET
19	8850-1310	16	HEX NUT, 5/8-18
20	8307-1409	16	STAR WASHER
21	8309-1186	16	AXLE SHAFT DOWEL

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AIR SYSTEM

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-88

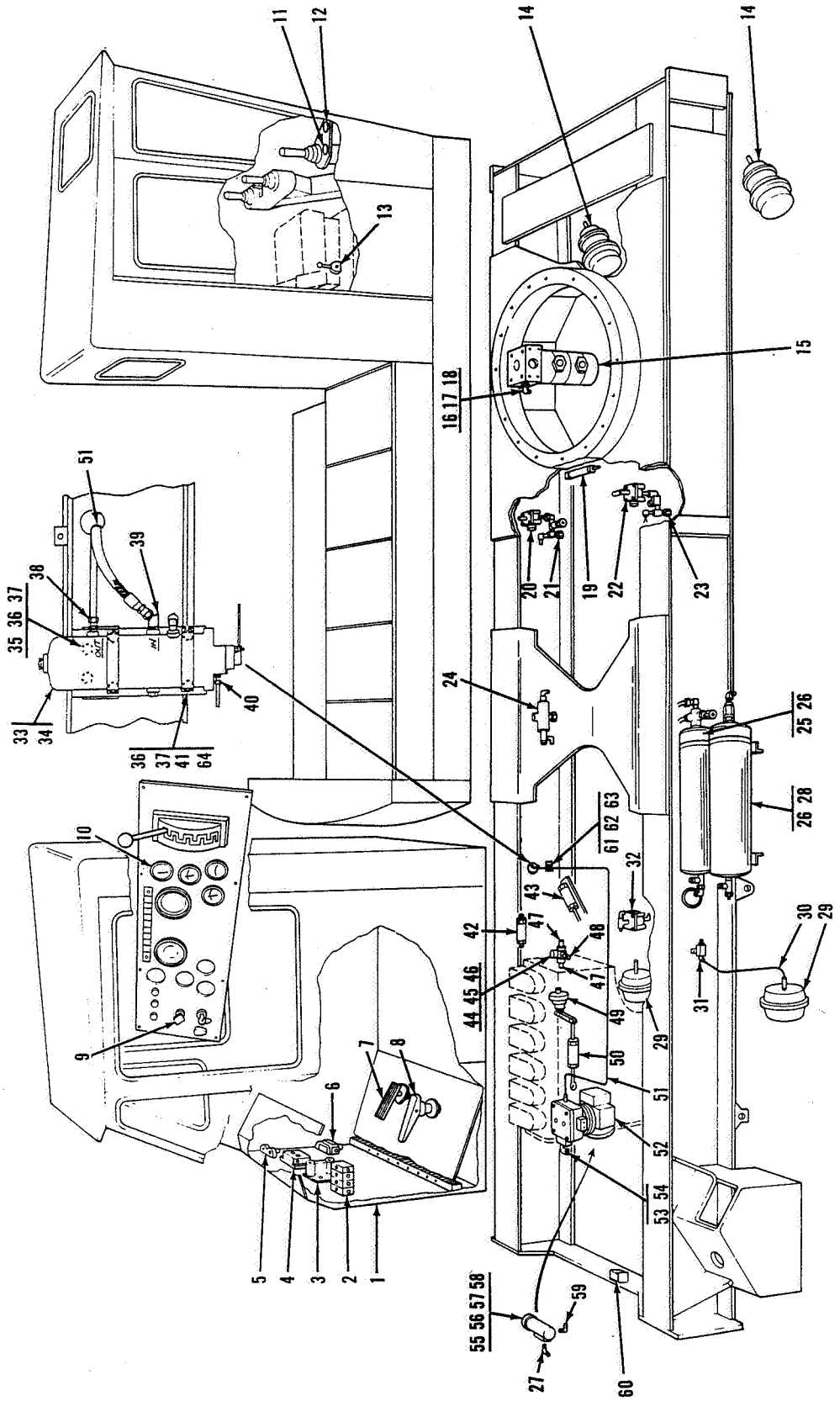


SEE PAGE UN6-2 FOR PARTS LIST

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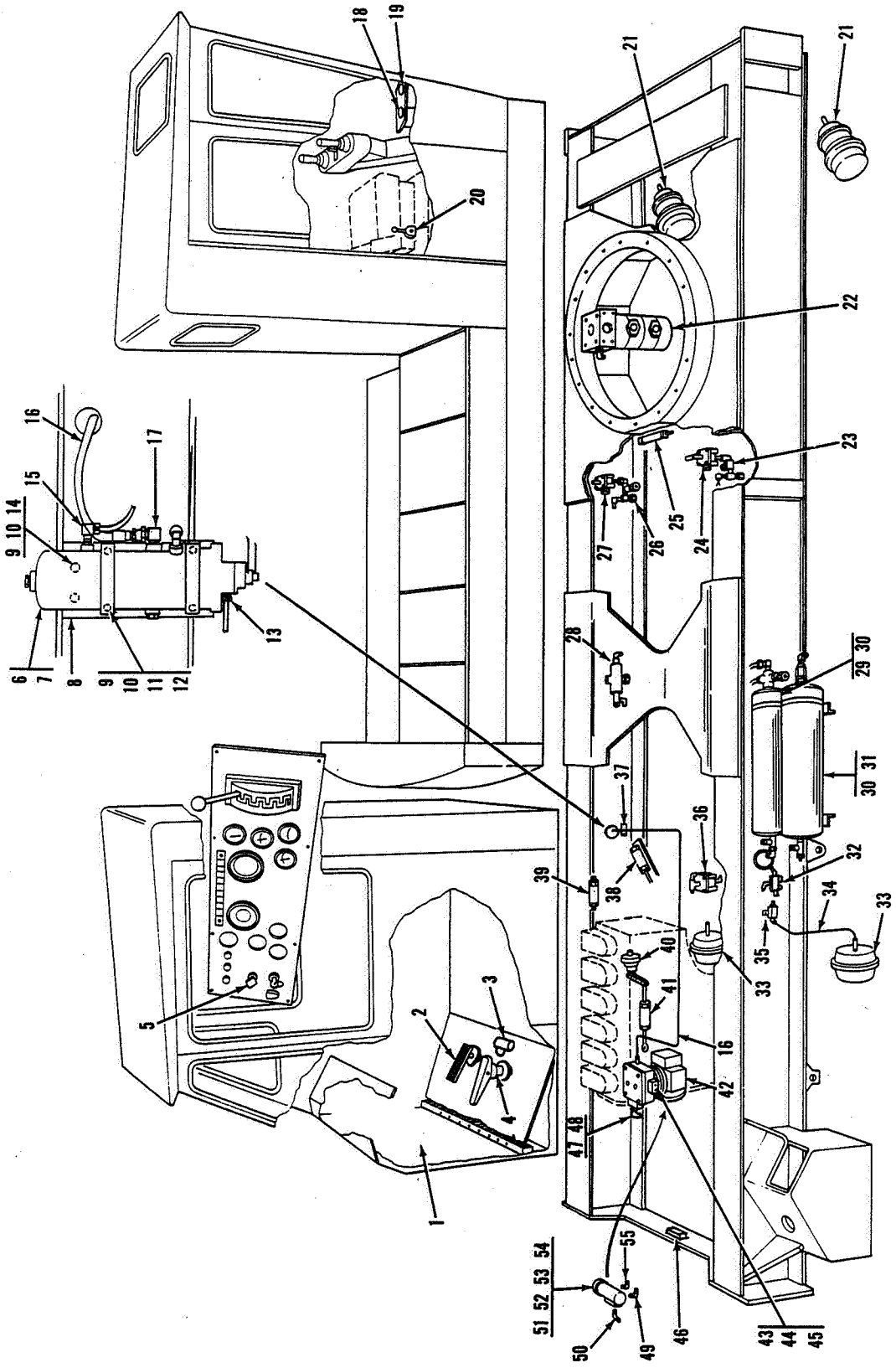
AIR SYSTEM

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 87D154
Original Issue 7-88
Revised 2-89



SEE PAGE UN6-2 FOR PARTS LIST

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SEE PAGE UN6-2 FOR PARTS LIST

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Item	Part No.	Qty.	Description Of Part
1	7738-5003	1	ACCESSORY PANEL ASSY (see page UN 7-5 for details)
2	7736-3020	1	AIR VALVE BANK ASSY (see page UN 7-5 for details)
3	7736-3019	1	AIR VALVE, 12 V, D.C. (see page UN 7-5 for details)
4	8688-1139	1	AIR MANIFOLD (see page UN 7-5 for details)
5	8668-3300	2	STOP LIGHT SWITCH (see page UN 7-5 for details)
6	8688-3030	1	SPRING BRAKE VALVE (see page UN 7-5 for details)
7	7710-3006	1	THROTTLE VALVE (see page UN 6-3 for details)
8	7736-5010	1	BRAKE FOOT PEDAL VALVE (see page UN 6-3 for details)
9	8688-5029	1	PARKING BRAKE VALVE (see page UN 6-3 for details)
10	8348-1296	1	AIR PRESSURE GAUGE (see page UN 7-4 for details)
11	8363-1008	1	PARKING BRAKE CONTROL VALVE (see page UP 3-2 for details)
12	8452-1058	1	AIR PRESSURE GAUGE (see page UP 3-2 for details)
13	7736-3017	1	THROTTLE CONTROL VALVE (see page UP 3-8 for details)
14		Ref	BRAKE CHAMBER (see page UN 5-4 for details)
15	7736-5003	1	CENTER PIN (see page UP 4-2 for details)
16	8688-3046	4	ELBOW, 90 DEGREES, 1/4X3/8
17	8452-1068	4	ADAPTER
18	8859-1204	4	O RING
19	7738-5028	1	BRAKE PILOT VALVE ASSY (see page UN 6-4 for details)
20	7738-5026	1	REAR SERVICE RELAY VALVE ASSY (see page UN 6-5 for details)
21	7738-5020	1	REMOTE CONTROL VALVE ASSY (see page UN 6-5 for details)
22	7738-5025	1	FRONT SERVICE BRAKE RELAY VALVE (see page UN 6-8 for details)
23	7738-5021	1	REMOTE CONTROL VALVE ASSY (see page UN 6-6 for details)
24	7738-5027	1	AIR MANIFOLD AND CHECK VALVE ASSY (see page UN 6-9 for details)
25	7738-5023	1	AIR RESERVOIR ASSY (see page UN 6-7 for details)
26	8667-1121	2	DRAIN VALVE
27	8667-1095	1	GASKET
28	7738-5022	1	AIR RESERVOIR ASSY (see page UN 6-7 for details)
29		Ref	BRAKE CHAMBER ASSY (see page UN 4-3 for details)
30	8368-3173	2	AIR BRAKE HOSE ASSY
31	8368-5065	1	ADAPTER ASSY (see page UN 6-8 for details)
32	7738-5024	1	REAR SPRING RELAY VALVE ASSY (see page UN 6-6 for details)
33	7710-3155	1	AIR DRYER (includes item 34)
34	7710-4520	1	AIR DRYER ELEMENT
35	8820-1036	2	HEX HD CAPSCREW,3/8-16X1-1/4 GR 5
36	8852-1206	2	HEX LOCKNUT, 3/8-16
37	8856-1109	2	FLAT WASHER, 3/8
38	8688-1276	1	ELBOW, 90 DEGREES, 1/8X1/4
39	8688-3169	1	ELBOW, 90 DEGREES, 3/8X5/8
40	8871-1383	1	REDUCING BUSHING, 1/2X3/8
41	8866-1016	1	ADAPTER
42		Ref	AIR CYLINDER AND BRACKETS (see page UN 3-22 for details)
43		Ref	AIR CYLINDER AND BRACKETS (see page UN 3-19 for details)
44	8668-3293	1	DOUBLE CHECK VALVE
45	8820-1020	1	HEX HD CAPSCREW, 5/16-18X1 GR 5
46	8852-1205	1	HEX LOCKNUT, 5/16-18
47	8688-3044	2	TUBE FITTING, 3/8X3/8
48	8688-3045	1	ELBOW, 90 DEGREES, 3/8X3/8
49		Ref	THROTTLE CONTROL CYLINDER ASSY (see page UN 3-3 for details)
50		Ref	FAST IDLE CYLINDER ASSY (see page UN 3-3 for details)
51	7738-3208	1	HOSE ASSY (6BT5.9 Cummins Diesel Engine)
	7738-3209	1	HOSE ASSY (8.2 Liter Detroit Diesel Engine)
52		1*	AIR COMPRESSOR
53	7738-3274	1	AIR INLET ADAPTER
54	8820-1025	2	HEX HD CAPSCREW,5/16-18X2-1/4,GR 5
55	8855-1010	4	LOCKWASHER, 5/16
56	8452-1054	1	GOVERNOR
57	8820-1028	2	HEX HD CAPSCREW, 5/16-18X3 , GR 5
58	8667-1200	1	GOVERNOR GASKET
59	8871-1250	1	SQUARE HD PIPE PLUG, 1/8
60	8688-1281	2	ELBOW, 45 DEGREES
61	8688-1276	1	ELBOW, 90 DEGREES, 1/8X1/4
62		Ref	THROTTLE SELECTOR VALVE ASSY (see page UN 6-9 for details)

*Not sold for service.

SEE PAGE UN6-1 FOR ILLUSTRATION

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Item	Part No.	Qty.	Description Of Part
1	7738-5003	1	ACCESSORY PANEL ASSY (see page UN 7-5 for details)
2	7736-3020	1	AIR VALVE BANK ASSY (see page UN 7-5 for details)
3	7736-3019	1	AIR VALVE, 12 V, D.C. (see page UN 7-5 for details)
4	8688-1139	1	AIR MANIFOLD (see page UN 7-5 for details)
5	8668-3300	2	STOP LIGHT SWITCH (see page UN 7-5 for details)
6	8688-3030	1	SPRING BRAKE VALVE (see page UN 7-5 for details)
7	7710-3006	1	THROTTLE VALVE (see page UN 6-3 for details)
8	7736-5010	1	BRAKE FOOT PEDAL VALVE (see page UN 6-3 for details)
9	8688-5029	1	PARKING BRAKE VALVE (see page UN 6-3 for details)
10	8348-1296	1	AIR PRESSURE GAUGE (see page UN 7-4 for details)
11	8363-1008	1	PARKING BRAKE CONTROL VALVE (see page UP 3-2 for details)
12	8452-1058	1	AIR PRESSURE GAUGE (see page UP 3-2 for details)
13	7736-3017	1	THROTTLE CONTROL VALVE (see page UP 3-8 for details)
14	7738-4446	Ref	BRAKE CHAMBER (see page UN 5-4 for details)
15	7736-5003	1	CENTER PIN (see page UP 4-2 for details)
16	8688-3046	4	ELBOW, 90 DEGREES, 1/4X3/8
17	8452-1068	4	ADAPTER
18	8859-1204	4	O RING
19	7738-5028	1	BRAKE PILOT VALVE ASSY (see page UN 6-4 for details)
20	7738-5026	1	REAR SERVICE RELAY VALVE ASSY (see page UN 6-5 for details)
21	7738-5020	1	REMOTE CONTROL VALVE ASSY (see page UN 6-5 for details)
22	7738-5025	1	FRONT SERVICE BRAKE RELAY VALVE (see page UN 6-8 for details)
23	7738-5021	1	REMOTE CONTROL VALVE ASSY (see page UN 6-6 for details)
24	7738-5027	1	AIR MANIFOLD AND CHECK VALVE ASSY (see page UN 6-9 for details)
25	7738-5023	1	AIR RESERVOIR ASSY (see page UN 6-7 for details)
26	8667-1121	2	DRAIN VALVE
27	8688-1276	1	ELBOW, 90 DEGREES, 1/8X1/4
28	7738-5022	1	AIR RESERVOIR ASSY (see page UN 6-7 for details)
29	8368-4436	Ref	BRAKE CHAMBER ASSY (see page UN 4-3 for details)
30	8368-3173	2	AIR BRAKE HOSE ASSY
31	8368-5065	1	ADAPTER ASSY (see page UN 6-8 for details)
32	7738-5024	1	REAR SPRING RELAY VALVE ASSY (see page UN 6-6 for details)
33	8668-3390	1	AIR DRYER (includes item 34)
34	8668-3526	1	CARTRIDGE KIT
35	8820-1033	2	HEX HD CAPSCREW, 3/8-16x3/4, GR5
36	8855-1011	6	LOCK WASHER, 3/8
37	8856-1109	6	FLAT WASHER, 3/8
38	8688-3086	1	TUBE FITTING, 1/2x5/8
39	8874-3025	1	ELBOW, 45 DEGREES
40	8688-3217	1	TUBE FITTING, 1/4x1/4
41	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
42	7738-3132	Ref	AIR CYLINDER AND BRACKETS (see page UN 3-22 for details)
43	7738-3132	Ref	AIR CYLINDER AND BRACKETS (see page UN 3-19 for details)
44	8668-3293	1	DOUBLE CHECK VALVE
45	8820-1020	1	HEX HD CAPSCREW, 5/16-18X1 GR 5
46	8852-1205	1	HEX LOCKNUT, 5/16-18
47	8688-3044	2	TUBE FITTING, 3/8X3/8
48	8688-3045	1	ELBOW, 90 DEGREES, 3/8X3/8
49	7710-3004	Ref	THROTTLE CONTROL CYLINDER ASSY (see page UN 3-3 for details)
50	7736-3147	Ref	FAST IDLE CYLINDER ASSY (see page UN 3-3 for details)
51	7738-3462	1	HOSE ASSY
52		1*	AIR COMPRESSOR
53	8874-3004	1	MALE ADAPTER, 1/2 PIPE TO 5/8TUBE
54	8866-2107	1	ELBOW, 90 DEGREES (SWIVEL NUT)
55	8855-1010	2	LOCKWASHER, 5/16
56	8452-1054	1	GOVERNOR
57	8820-1028	2	HEX HD CAPSCREW, 5/16-18X3, GR 5
58	8667-1200	1	GOVERNOR GASKET
59	8688-1281	1	ELBOW, 45 DEGREES
60	7736-5015	Ref	THROTTLE SELECTOR VALVE ASSY (see page UN 6-9 for details)
61	2443-1386	3	CLAMP
62	7714-3004	1	HEX LOCKSCREW
63	7714-3006	1	HEX LOCKNUT
64	8850-1006	4	HEX NUT, 3/8-16

*Not sold for service.

SEE PAGE UN6-1 FOR ILLUSTRATION

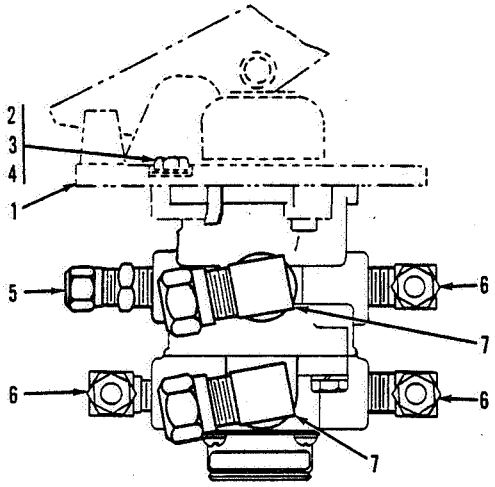
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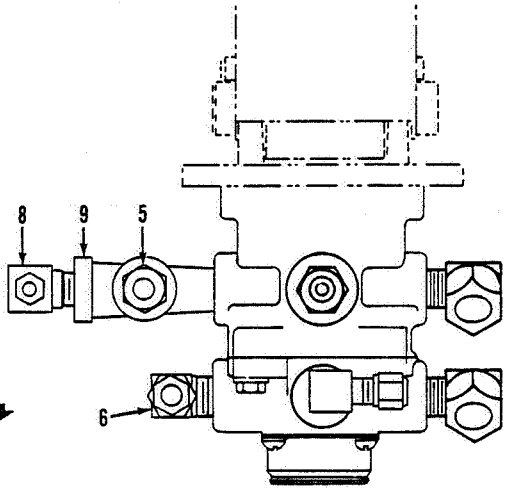
Item	Part No.	Qty.	Description Of Part
1	7738-5133	1	ACCESSORY PANEL ASSY (see page UN7-5 for details)
2	7710-3006	1	THROTTLE VALVE (see page UN6-3 for details)
3	8688-3073	1	TEE, 3/8x3/8x3/8 (adjacent to throttle valve)
4	7736-5010	1	BRAKE FOOT PEDAL VALVE (see page UN6-3 for details)
5	8688-5029	1	PARKING BRAKE VALVE (see page UN6-3 for details)
6	8668-3390	1	AIR DRYER (includes item 7)
7	8668-3526	1	CARTRIDGE KIT
8	8348-6090	1	AIR DRYER BRACKET
9	8855-1011	6	LOCK WASHER, 3/8
10	8856-1109	6	FLAT WASHER, 3/8
11	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
12	8850-1006	4	HEX NUT, 3/8-16
13	8688-3217	1	TUBE FITTING, 1/4x1/4
14	8820-1033	2	HEX HD CAPSCREW, 3/8-16x3/4,GR5
15	8688-3169	1	ELBOW, 90 DEGREES, 3/8x5/8
16	7738-3462	1	HOSE ASSY
17	8874-3045	1	ELBOW, 90 DEGREES, 3/8x3/8
18	8363-1008	1	PARKING BRAKE CONTROL VALVE (see page UP3-2 for details)
19	8368-3041	1	AIR PRESSURE GAUGE (see page UP3-2 for details)
20	7736-3017	1	THROTTLE CONTROL VALVE (see page UP3-8 for details)
21	7738-4446	Ref	BRAKE CHAMBER (see page UN5-4 for details)
22	7736-5003	1	CENTER PIN (see page UP4-2 for details)
23	7738-5132	1	REMOTE CONTROL VALVE ASSY (see page UN6-6 for details)
24	7738-5025	1	FRONT SERVICE BRAKE RELAY VALVE (see page UN6-8 for details)
25	7738-5028	1	BRAKE PILOT VALVE (see page UN6-4 for details)
26	7738-5020	1	REMOTE CONTROL VALVE (see page UN6-5 for details)
27	7738-5026	1	REAR SERVICE RELAY VALVE (see page UN6-5 for details)
28	7738-5027	1	AIR MANIFOLD & CHECK VALVE (see page UN6-9 for details)
29	7738-5023	1	AIR RESERVOIR ASSY (see page UN6-7 for details)
30	8667-1121	2	DRAIN VALVE
31	7738-5022	1	AIR RESERVOIR ASSY (see page UN6-7 for details)
32	7738-5129	1	ANCHOR TEE & FITTINGS (see page UN6-6 for details)
33	8368-4436	Ref	BRAKE CHAMBER ASSY (see page UN4-3 for details)
34	8368-3173	2	AIR BRAKE HOSE ASSY
35	8368-5065	2	ADAPTER ASSY (see page UN6-8 for details)
36	7738-5024	1	REAR SPRING RELAY VALVE (see page UN6-6 for details)
37	2443-1386	2	CLAMP
38	7738-3132	Ref	AIR CYLINDER & BRACKETS (see page UN3-22 for details)
39	7738-3132	Ref	AIR CYLINDER & BRACKETS (see page UN3-19 for details)
40	7710-3004	Ref	THROTTLE CONTROL CYLINDER ASSY see page UN3-3 for details)
41	7736-3147	Ref	FAST IDLE CYLINDER ASSY (see page UN3-3 for details)
42	No Number	1	AIR COMPRESSOR
43	8667-1095	1	AIR INLET STRAINER
44	8820-1025	2	HEX HD CAPSCREW, 5/16-18x2-1/4 GR5
45	8855-1010	2	LOCK WASHER, 5/16
46	7736-5015	Ref	THROTTLE SELECTOR VALVE ASSY (see page UN6-9 for details)
47	8874-3004	1	MALE ADAPTER, 1/2 PIPE to 5/8 TUBE
48	8866-2107	1	ELBOW, 90 DEGREES (SWIVEL NUT)
49	8688-1273	1	TUBE FITTING
50	8688-1276	2	ELBOW, 90 DEGREES, 1/8x1/4
51	8452-1054	1	GOVERNOR
52	8667-1200	1	GOVERNOR GASKET
53	8820-1028	2	HEX HD CAPSCREW, 5/16-18x3, GR5
54	8855-1010	2	LOCK WASHER, 5/16
55	8688-3074	1	MALE ELBOW, 90 DEGREES, 1/8x3/8

SEE PAGE UN6-1 FOR ILLUSTRATION

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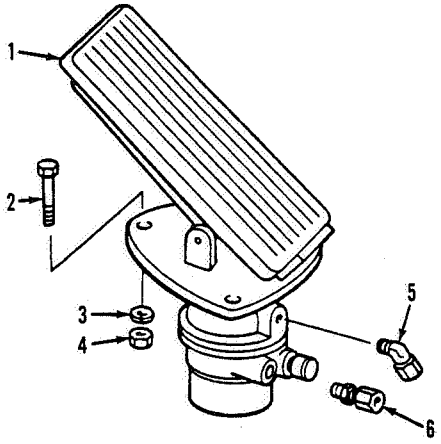
7736-5010





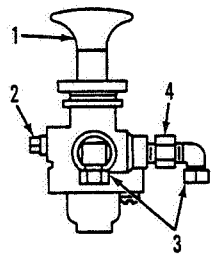
Item	Part No.	Qty.	Description Of Part
	7736-5010	1	FOOT PEDAL VALVE ASSY (includes all items)
1	8688-3032	1	FOOT PEDAL VALVE
2	8820-1019	3	HEX HD CAPSCREW, 5/16-18X7/8 GR 5
3	8855-1010	3	LOCK WASHER, 5/16
4	8850-1105	3	HEAVY JAM NUT, 5/16-18
5	8688-3044	2	TUBE FITTING, 3/8X3/8
6	8688-3045	4	ELBOW, 90 DEGREES, 3/8X3/8
7	8688-3169	2	ELBOW, 90 DEGREES, 3/8X5/8
8	7738-3187	1	ELBOW, 90 DEGREES, 3/8X1/4
9	8871-1141	1	STREET TEE, 3/8

7710-3006



Item	Part No.	Qty.	Description Of Part
1	7710-3006	1	ACCELERATOR TREADLE VALVE ASSY
2	8820-1019	3	HEX HD CAPSCREW, 5/16-18X7/8, GR5
3	8855-1010	3	LOCK WASHER, 5/16
4	8850-1105	3	HEX NUT, 5/16-18
5	8688-3063	1	TUBE FITTING, 45 DEGREES, 1/4X3/8
6	8688-3047	1	TUBE FITTING, 1/4X3/8

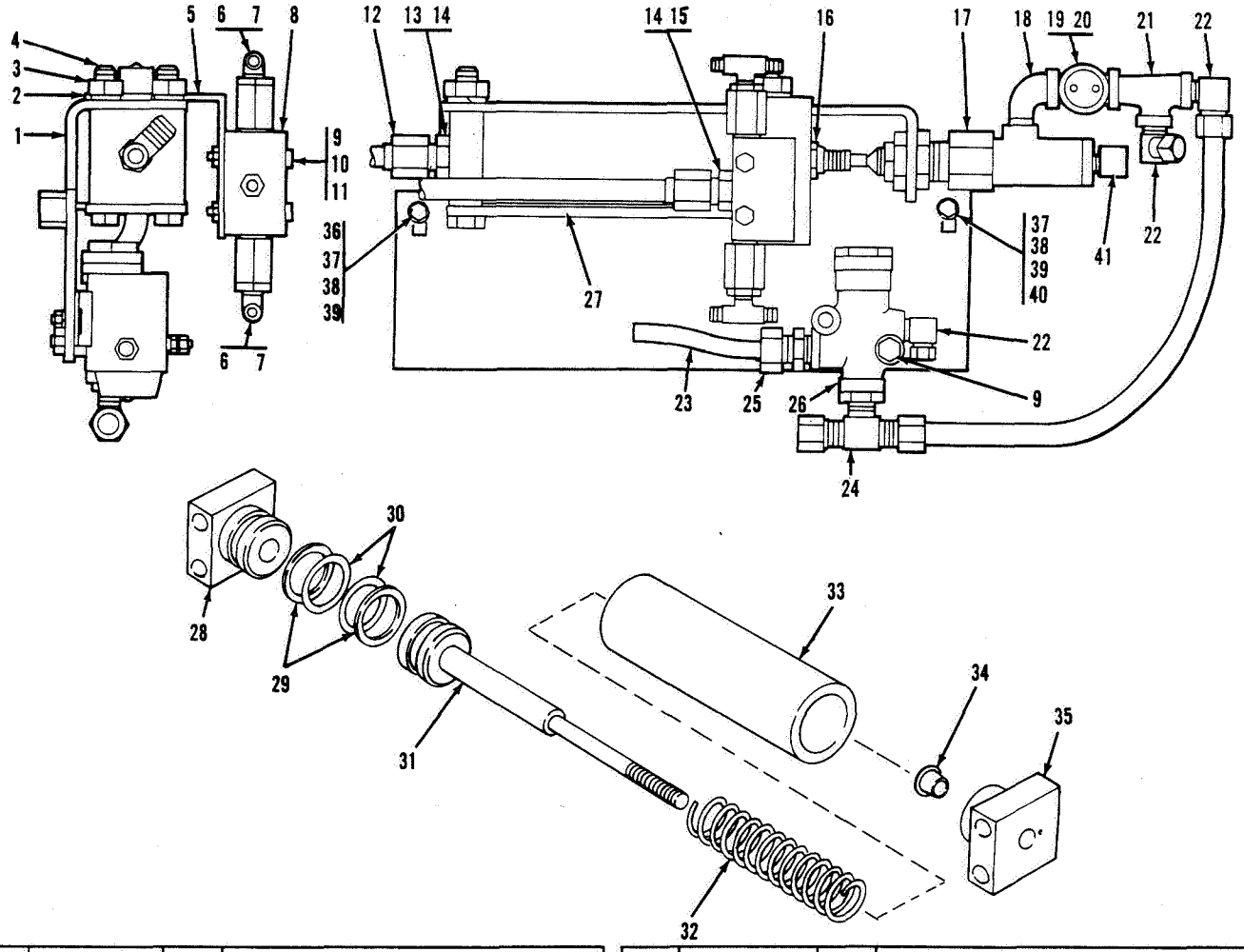
8688-5029



Item	Part No.	Qty.	Description Of Part
	8688-5029	1	PARKING BRAKE VALVE ASSY (includes all items)
1	8688-3028	1	BRAKE VALVE
2	8871-1250	1	SQUARE HD PIPE PLUG, 1/8
3	8688-3074	2	ELBOW, 90 DEGREES
4	8348-1655	1	ORIFICE ADAPTER

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AIR SYSTEM
AIR SYSTEM COMPONENTS
4 x 2 or 4 x 4 Undercarriage
6BTA5.9 Cummins Diesel or 2.8 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 8-93

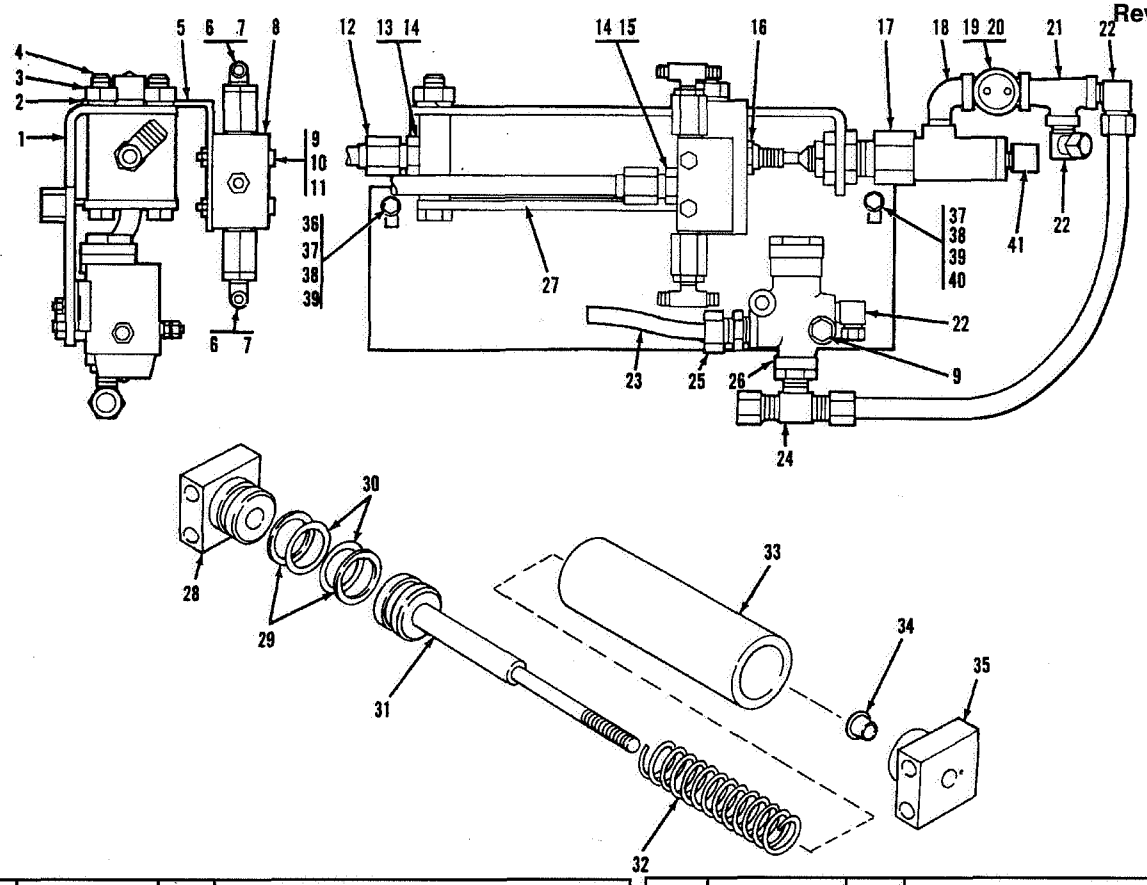


Item	Part No.	Qty.	Description Of Part
	7738-5028	1	BRAKE PILOT VALVE ASSY (includes all items except items 40 & 41)
1	8688-6080	1	FORMED PLATE
2	8855-1011	4	LOCKWASHER, 3/8
3	8850-1106	4	HEX NUT, 3/8-16
4	8820-1042	4	HEX HD CAPSCREW, 3/8-16X2-3/4, GR5
5	7738-1323	1	BRACKET
6	8866-2152	2	BRANCH TEE (includes item 7)
7	8859-1204	2	O-RING
8	7713-3028	1	SHUTTLE VALVE
9	8820-1008	3	HEX HD CAPSCREW, 1/4-20X1-1/4, GR5
10	8850-1004	2	HEX NUT, 1/4-20
11	8855-1009	2	LOCKWASHER, 1/4
12	7738-3235	1	TUBE ASSY
13	8363-3002	1	CONNECTOR
14	8859-1204	2	O-RING
15	8866-2005	1	CONNECTOR (includes item 14)
16	8852-1206	1	HEX LOCKNUT, 3/8-16
17	8343-1006	1	PUSH VALVE
18	8698-3648	1	STREET ELBOW, 90 DEGREES, 1/8 (brass)
19	8871-1571	1	REDUCING BUSHING, 1/8X1/4
20	7716-3231	1	TRAVEL SWITCH

Item	Part No.	Qty.	Description Of Part
21	8688-3467	1	STREET TEE, 1/8 (brass)
22	8688-3074	3	MALE ELBOW, 90 DEGREES
23		AR	NYLON TUBING, 3/8 O.D. X .062 WALL
24	8688-3090	1	MALE TEE
25	8688-3047	1	MALE CONNECTOR, 1/4-3/8
26	8688-3026	1	INVERSION VALVE
27	8688-1288	1	SUPPORT PLATE
28	8343-1010	1	CYLINDER END
29	8859-2219	2	BACK UP RING
30	8859-1019	2	O-RING
31	8343-1012	1	PISTON ROD
32	7736-3114	1	SPRING
33	8343-1013	1	BEARING
35	7736-1081	1	CYLINDER END
36	8662-1230	1	CLAMP
37	8820-1042	2	HEX HD CAPSCREW, 3/8-16X2.75
38	8855-1011	4	LOCKWASHER, 3/8
39	8850-1006	4	HEX LOCKNUT, 3/8-16
40	8594-1016	1	CLAMP
41	8688-3192	1	TEE, 1/8X3/8X3/8
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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AIR SYSTEM
Air System Components
4 x 2 or 4 x 4 Undercarriage
6BTA5.9 Cummins Diesel
Starting Serial No. G01D271
Original Issue 6-89
Revised 9-22-95

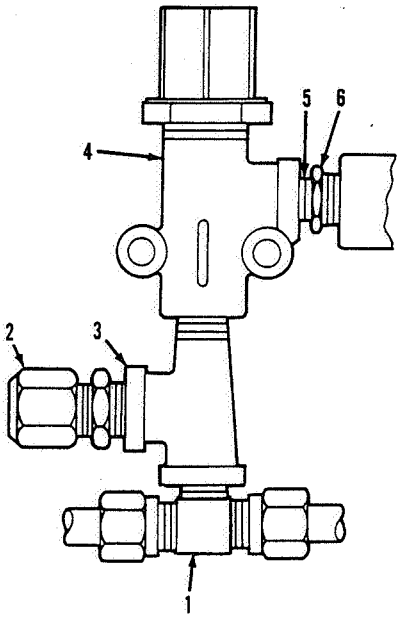


Item	Part No.	Qty.	Description Of Part
	7738-5028	1	BRAKE PILOT VALVE ASSY, (includes all items except items 40 & 41)
1	8688-6080	1	FORMED PLATE
2	8855-1011	4	LOCKWASHER, 3/8
3	8850-1106	4	HEX NUT, 3/8-16
4	8820-1042	4	HEX HD CAPSCREW, 3/8-16X2-3/4, GR5
5	7738-1323	1	BRACKET
6	8866-2152	2	BRANCH TEE, (includes item 7)
7	8859-1204	2	O-RING
8	7713-3028	1	SHUTTLE VALVE
9	8820-1008	3	HEX HD CAPSCREW, 1/4-20X1-1/4, GR5
10	8850-1004	2	HEX NUT, 1/4-20
11	8855-1009	2	LOCKWASHER, 1/4
12	7738-3235	1	TUBE ASSY
13	8363-3002	1	CONNECTOR, (includes item 14)
14	8859-1204	2	O-RING
15	8866-2005	1	CONNECTOR, (includes item 14)
16	8852-1206	1	HEX LOCKNUT, 3/8-16
17	8343-1006	1	PUSH VALVE
18	8698-3648	1	STREET ELBOW, 90 DEGREES, 1/8, (brass)
19	8871-1571	1	REDUCING BUSHING, 1/8X1/4
20	7716-3231	1	TRAVEL SWITCH
21	8688-3467	1	STREET TEE, 1/8, (brass)

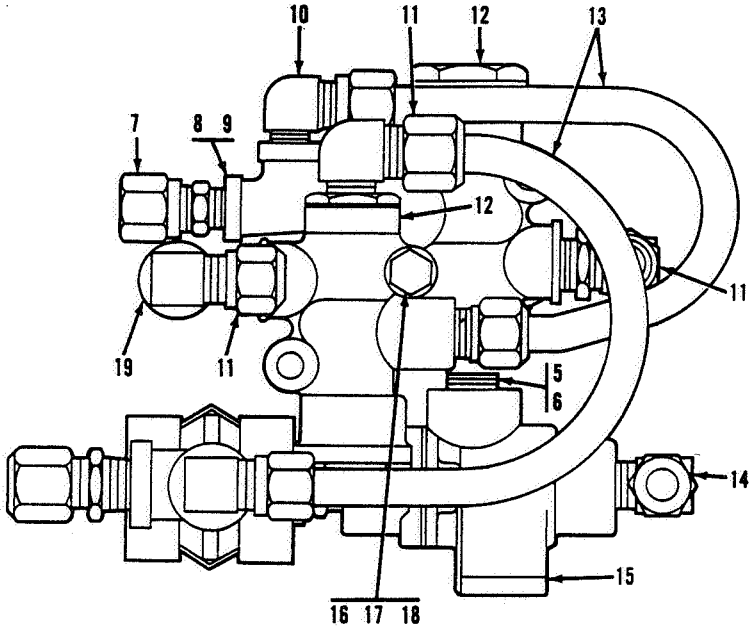
Item	Part No.	Qty.	Description Of Part
22	8688-3074	3	MALE ELBOW, 90 DEGREES
23		AR	NYLON TUBING, 3/8 O.D. X .062
24	8688-3090	1	MALE TEE
25	8688-3047	1	MALE CONNECTOR, 1/4-3/8
26	8688-3026	1	INVERSION VALVE
27	8688-1288	1	SUPPORT PLATE
28	8343-1010	1	CYLINDER END
29	8859-2219	2	BACK UP RING
30	8859-1019	2	O-RING
31	8343-1012	1	PISTON ROD
32	7736-3114	1	SPRING
*33	8343-1011	1	BEARING
*34	8343-1013	1	NYLINER BEARING
35	7736-1081	1	CYLINDER END
36	8662-1230	1	CLAMP
37	8820-1042	2	HEX HD CAPSCREW, 3/8-16X2-3/4, GR5
38	8855-1011	4	LOCKWASHER, 3/8
39	8850-1006	4	HEX LOCKNUT, 3/8-16
40	8594-1016	1	CLAMP
41	8688-3192	1	TEE, 1/8x3/8x3/8
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

** - Changed part number on item 33 & added 34.*

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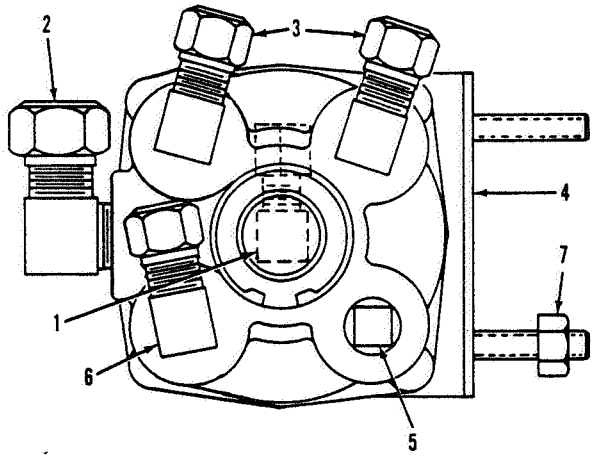
7738-5020



Item	Part No.	Qty.	Description Of Part
	7738-5020	1	REMOTE CONTROL VALVE ASSY (includes all items)
1	8688-3090	1	TEE, 3/8X3/8X1/4
2	8688-3047	1	TUBE FITTING, 1/4X3/8
3	8871-1140	1	STREET TEE, 1/4
4	8540-3220	1	PRESSURE REDUCING VALVE
5	8870-1002	2	CLOSE NIPPLE, 1/4X7/8
6	8871-1381	2	REDUCING BUSHING, 3/8X1/4
7	8688-3075	1	TUBE FITTING, 1/8X3/8
8	8871-1020	1	TEE, 1/8
9	8870-1001	1	CLOSE NIPPLE, 1/8X3/4

Item	Part No.	Qty.	Description Of Part
10	8688-3074	1	ELBOW, 90 DEGREES, 1/8X3/8
11	8688-3046	3	ELBOW, 90 DEGREES, 1/4X3/8
12	8688-3026	2	INVERSION VALVE
13		AR	AIR HOSE, 3/8 O.D.
14	8688-3045	1	ELBOW, 90 DEGREES, 3/8X3/8
15	8668-3293	1	DOUBLE CHECK VALVE
16	8820-1013	1	HEX HD CAPSCREW, 1/4-20X3, GR 5
17	8850-1004	1	HEX NUT, 1/4-20
18	8855-1009	1	LOCK WASHER, 1/4
19	8871-1101	1	STREET ELBOW, 90 DEGREES, 1/4

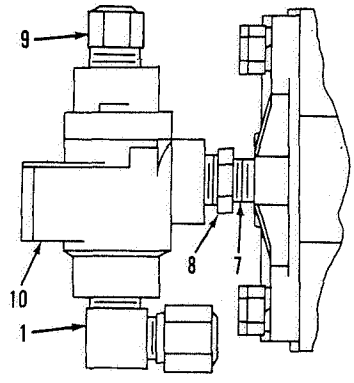
7738-5026

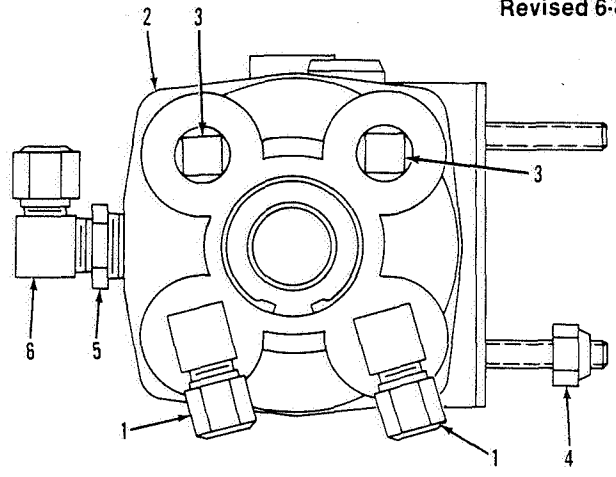


Item	Part No.	Qty.	Description Of Part
	7738-5026	1	REAR SERVICE RELAY VALVE ASSY (includes all items except item 7)
1	8688-3046	1	ELBOW, 90 DEGREES, 1/4X3/8
2	8688-3085	1	ELBOW, 90 DEGREES, 1/2X3/4
3	8688-3052	2	ELBOW, 90 DEGREES, 3/8X1/2
4	8368-3374	1	RELAY VALVE
5	8871-1252	1	SQUARE HD PIPE PLUG, 3/8
6	8688-3045	1	ELBOW, 90 DEGREES, 3/8X1/2
7	8852-1205	2	HEX LOCKNUT, 5/16-18

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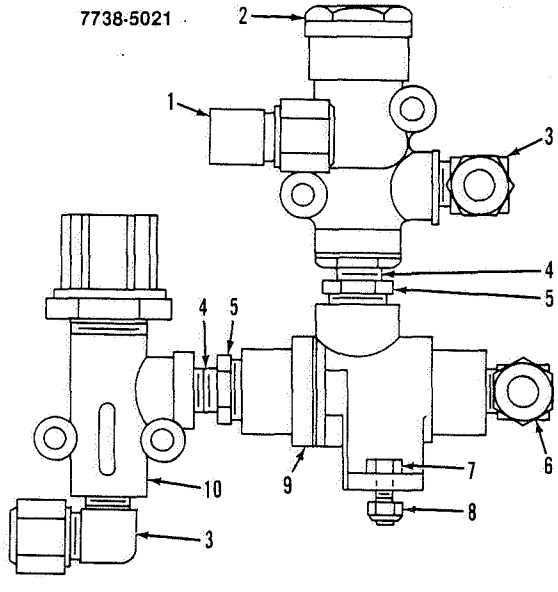
7738-5024





Item	Part No.	Qty.	Description Of Part
	7738-5024	1	REAR SPRING RELAY VALVE ASSY (includes all items except item 4)
1	8688-3045	3	ELBOW, 90 DEGREES, 3/8X3/8
2	8368-3374	1	RELAY VALVE
3	8871-1252	2	SQUARE HD PIPE PLUG, 3/8
4	8852-1205	2	HEX LOCKNUT, 5/16-18
5	8871-1383	1	REDUCING BUSHING, 1/2X3/8
6	8688-3052	1	ELBOW, 90 DEGREES, 3/8X1/2
7	8870-1002	1	CLOSE NIPPLE, 1/4X7/8
8	8871-1381	1	REDUCING BUSHING, 3/8X1/4
9	8688-3044	1	TUBE FITTING, 3/8X3/8
10	8668-3293	1	DOUBLE CHECK VALVE

7738-5021

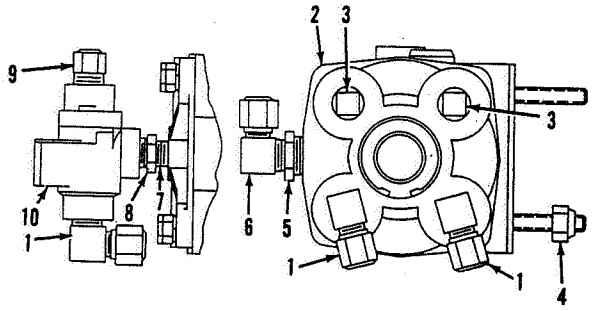


Item	Part No.	Qty.	Description Of Part
	7738-5021	1	REMOTE CONTROL VALVE ASSY (includes all items except items 7 and 8)
1	8688-3074	1	ELBOW, 90 DEGREES, 1/8X3/8
2	8688-3026	1	INVERSION VALVE
3	8688-3046	2	ELBOW, 90 DEGREES, 1/4X3/8
4	8870-1002	2	CLOSE NIPPLE, 1/4
5	8871-1381	2	REDUCING BUSHING, 3/8X1/4
6	8688-3045	1	ELBOW, 90 DEGREES, 3/8X3/8
7	8820-1020	1	HEX HD CAPSCREW, 5/16-18X1 GR 5
8	8852-1205	1	HEX LOCKNUT, 5/16-18
9	8668-3293	1	DOUBLE CHECK VALVE
10	8540-3220	1	PRESSURE REDUCING VALVE

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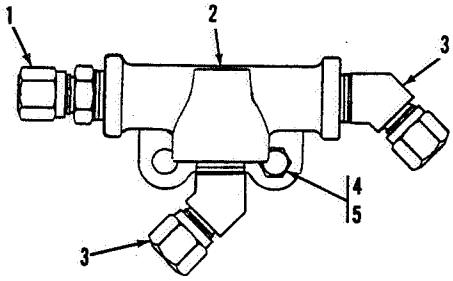
AIR SYSTEM
Air System Components
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89

7738-5024



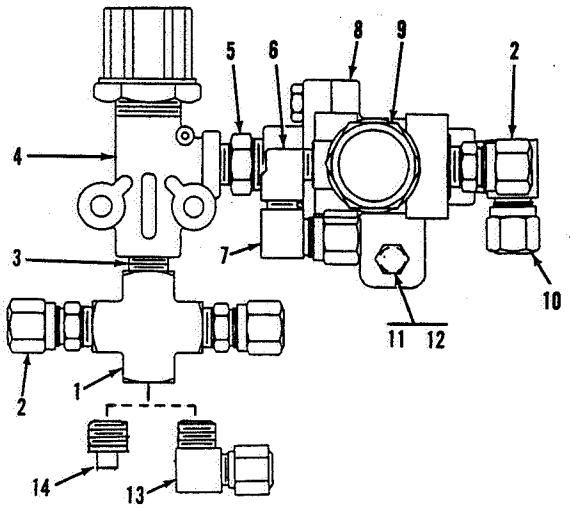
Item	Part No.	Qty.	Description Of Part
	7738-5024	1	REAR SPRING RELAY VALVE ASSY (includes all items except item 4)
1	8688-3045	3	ELBOW, 90 DEGREES, 3/8X3/8
2	8368-3374	1	RELAY VALVE
3	8871-1252	2	SQUARE HD PIPE PLUG, 3/8
4	8852-1205	2	HEX LOCKNUT, 5/16-18
5	8871-1383	1	REDUCING BUSHING, 1/2X3/8
6	8688-3052	1	ELBOW, 90 DEGREES, 3/8X1/2
7	8870-1002	1	CLOSE NIPPLE, 1/4X7/8
8	8871-1381	1	REDUCING BUSHING, 3/8X1/4
9	8688-3044	1	TUBE FITTING, 3/8X3/8
10	8668-3293	1	DOUBLE CHECK VALVE

7738-5129



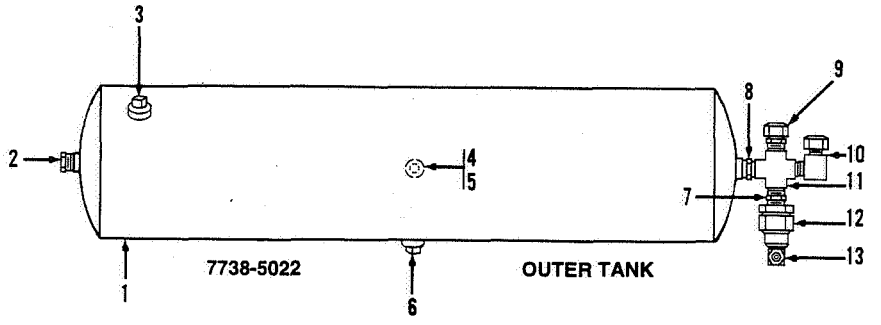
Item	Part No.	Qty.	Description Of Part
	7738-5129	1	ANCHOR TEE & FITTINGS ASSY (includes items 1,2,3)
1	8688-3044	1	TUBE FITTING, 3/8 NPT x 3/8 TUBE
2	7738-3561	1	ANCHOR TEE,3/8 NPT
3	8688-3216	2	TUBE FITTING, 45 DEGREES, 3/8 NPT x 3/8 TUBE
4	8820-1020	2	HEX HD CAPSCREW, 5/16-18x1, GR5
5	8852-1205	2	HEX LOCKNUT, 5/16-18

7738-5132

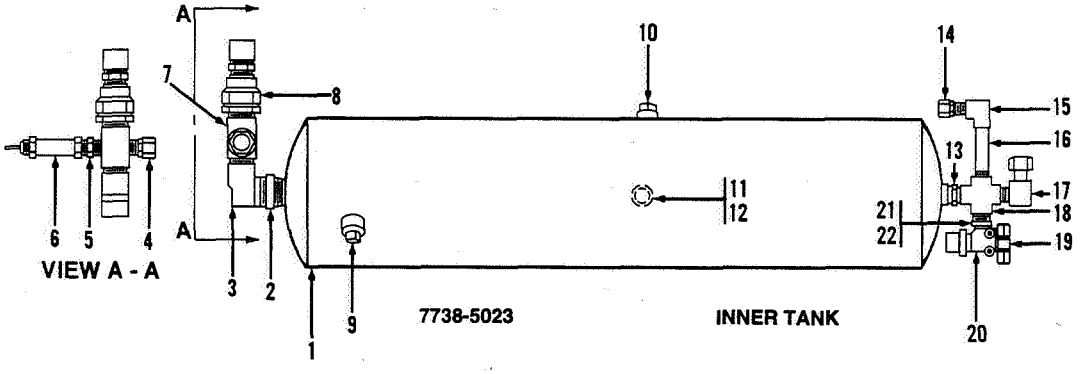


Item	Part No.	Qty.	Description Of Part
	7738-5132	1	REMOTE CONTROL VALVE ASSY (includes items 1 thru 10)
1	8698-3654	1	CROSS, 1/4 NPT (BRASS)
2	8688-3047	3	TUBE FITTING, 1/4 NPT x 3/8
3	8870-1002	1	CLOSE NIPPLE, 1/4 NPT x 7/8
4	8540-3220	1	PRESSURE REDUCING VALVE
5	8698-3655	2	HEX NIPPLE, 3/8 NPT x 1/4
6	8698-3648	1	STREET ELBOW, 1/8 (BRASS)
7	8688-3074	1	ELBOW, 90 DEGREES, 1/8 NPT x 3/8
8	8668-3293	1	DOUBLE CHECK VALVE
9	8688-3026	1	INVERSION VALVE
10	8688-3045	1	ELBOW, 90 DEGREES, 3/8 NPT x 3/8
11	8820-1020	1	HEX HD CAPSCREW, 5/16-18x1, GR5
12	8852-1205	1	HEX LOCKNUT, 5/16-18
13	8688-3046	1	ELBOW, 90 DEGREES, 1/4 NPT x 3/8 (used on 4x4 machines only)
14	8871-1251	1	SQUARE HD PIPE PLUG, 1/4 (used on 4x2 machines only)

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Item	Part No.	Qty.	Description Of Part
	7738-5022	1	AIR RESERVOIR & VALVE ASSY, (includes all items)
1	8668-3296	1	AIR TANK
2	8871-1254	1	SQUARE HD PIPE PLUG, 3/4
3	8871-1251	1	SQUARE HD PIPE PLUG, 1/4
4	8871-1381	1	REDUCING BUSHING, 3/8X1/4
5	8668-3298	1	DRAIN COCK, 1/4
6	8871-1252	1	SQUARE HD PIPE PLUG, 3/8
7	8871-1383	1	REDUCING BUSHING, 1/2X3/8
8	8871-1386	1	REDUCING BUSHING, 3/4X1/2
9	8688-3086	1	TUBE FITTING, 1/2X5/8
10	8688-3085	1	TUBE FITTING, 1/2X3/4
11	8688-1282	1	ADAPTER
12	8668-3294	1	CHECK VALVE
13	8688-3045	1	TUBE FITTING, 90 DEGREES, 3/8X3/8

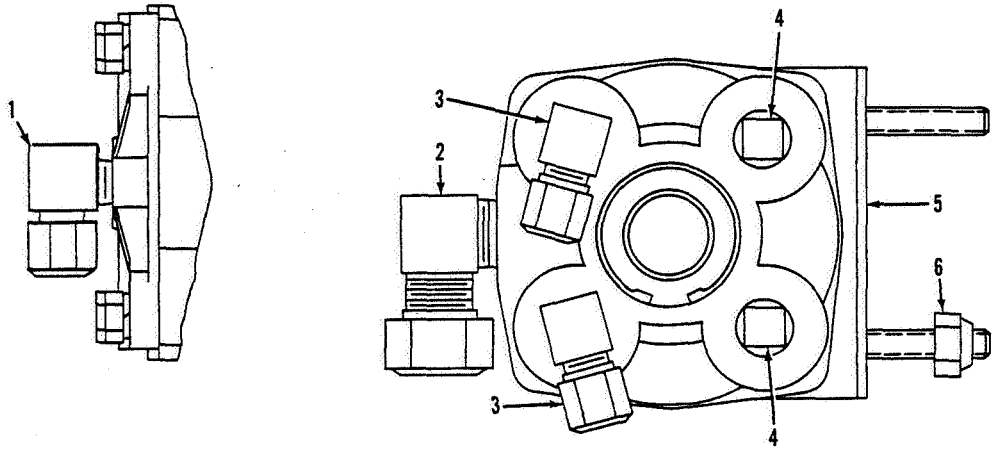


Item	Part No.	Qty.	Description Of Part
	7738-5023	1	AIR RESERVOIR & VALVE ASSY, (includes all items)
1	8688-3296	1	AIR TANK
2	8871-1387	1	REDUCING BUSHING, 3/4X3/8
3	8698-3650	1	ELBOW, 90 DEGREES, 3/8 PIPE
4	8688-3169	1	TUBE FITTING , 90 DEGREES, 3/8X5/8
5	8871-1381	1	REDUCING BUSHING, 3/8X1/4
6	8452-1057	1	SAFETY VALVE
7	8698-3651	1	TEE, 3/8
8	8688-3294	1	CHECK VALVE
9	8871-1251	1	SQUARE HD PIPE PLUG, 1/4
10	8871-1252	1	SQUARE HD PIPE PLUG, 3/8

Item	Part No.	Qty.	Description Of Part
11	8871-1381	1	REDUCING BUSHING, 3/8X1/4
12	8668-3298	1	DRAIN COCK
13	8871-1386	1	REDUCING BUSHING, 3/4X1/2
14	8688-3086	1	TUBE FITTING, 1/2X5/8 TUBE
15	8698-3653	1	ELBOW, 90 DEGREES, BRASS, 1/2
16	8870-1073	1	CLOSE NIPPLE, 1/2X4"
17	8688-3085	1	TUBE FITTING, 90 DEGREES 1/2X3/4 TUBE
18	8688-1282	1	ADAPTER
19	8688-3090	1	TUBE FITTING,1/4X3/8
20	8688-3291	1	PR-2 VALVE
21	8870-1036	1	CLOSE NIPPLE, 1/2X1-1/2
22	8871-1384	1	REDUCING BUSHING, 1/2X1/4

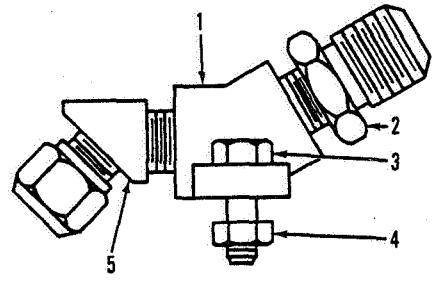
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7738-5025



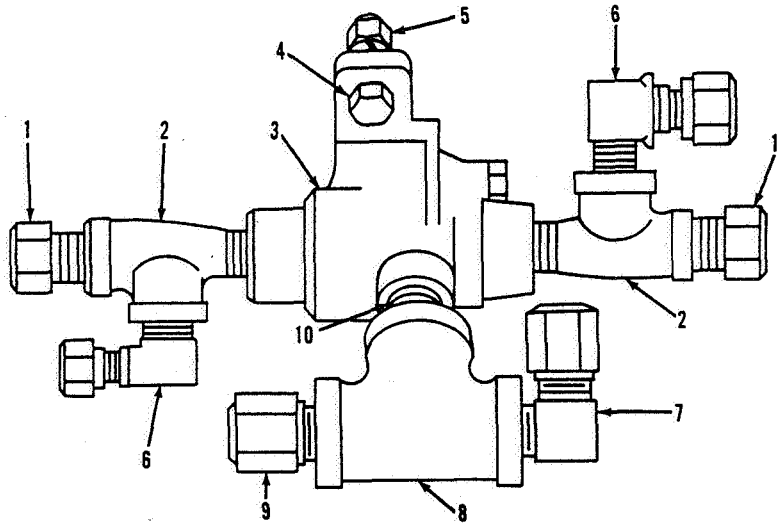
Item	Part No.	Qty.	Description Of Part
	7738-5025	1	FRONT SERVICE BRAKE RELAY VALVE (includes all items except item 6)
1	8688-3046	1	TUBE FITTING, 1/4X3/8
2	8688-3085	1	ELBOW, 90 DEGREES, 1/2X3/4
3	8688-3262	2	ELBOW, 45 DEGREES, 3/8X1/2
4	8871-1252	2	SQUARE HD PIPE PLUG, 3/8
5	8368-3374	1	RELAY VALVE
6	8852-1205	2	HEX LOCKNUT, 5/16-18

8368-5065

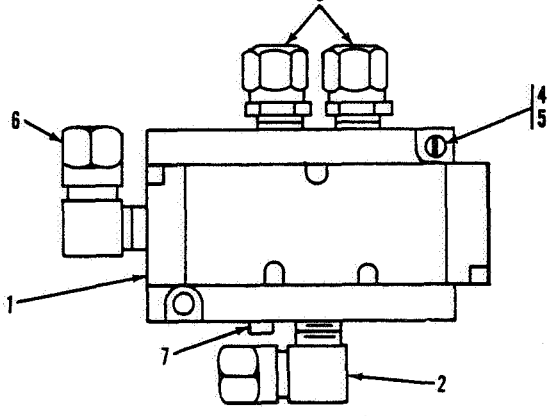


Item	Part No.	Qty.	Description Of Part
	8368-5065	1	ADAPTER ASSY (includes all items except items 3 and 4)
1	8688-3042	1	ANCHOR ELBOW
2	8688-1342	1	ADAPTER
3	8820-1003	1	HEX HD CAPSCREW, 1/4-20X3/4 GR 5
4	8852-1204	1	HEX LOCKNUT, 1/4-20
5	8688-3262	1	ELBOW, 45 DEGREES, 3/8X1/2

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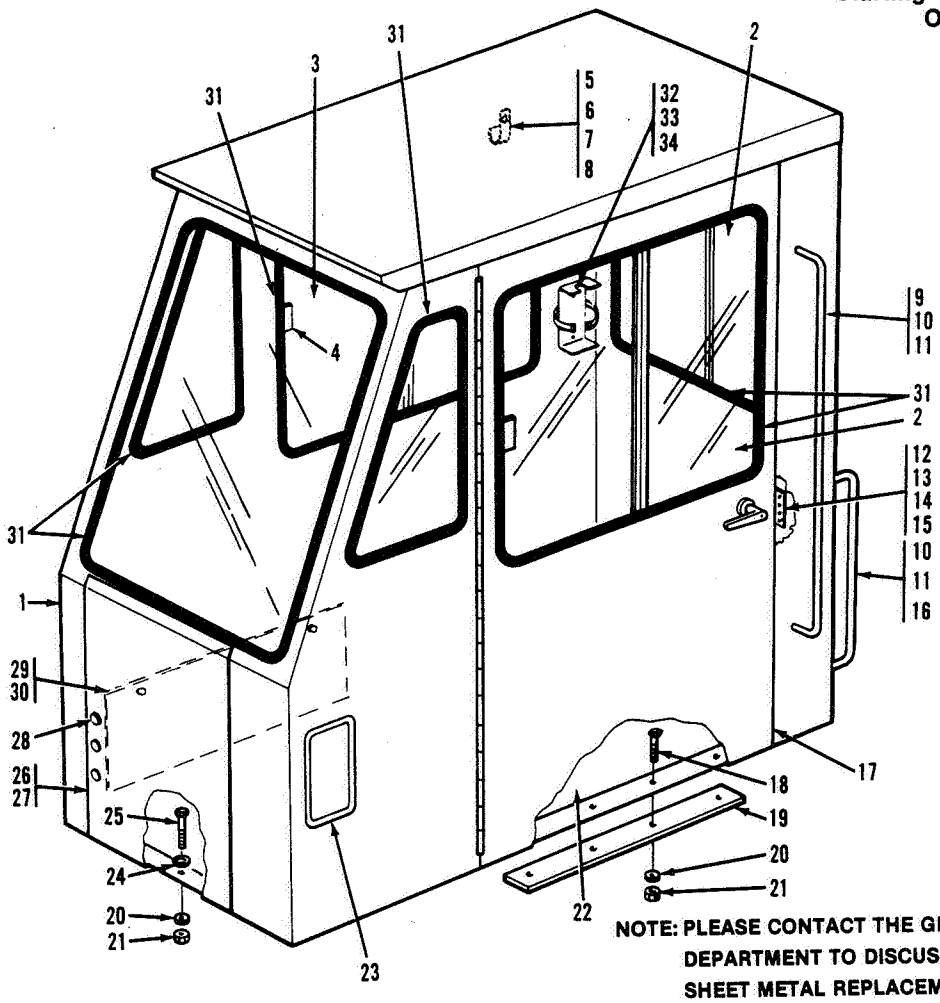
Item	Part No.	Qty.	Description Of Part
	7738-5027	1	AIR MANIFOLD AND CHECK VALVE (includes all items except item 4 and 5)
1	8688-3055	2	TUBE FITTING, 3/8X5/8
2	8871-1141	2	STREET TEE, 3/8
3	8668-3293	1	DOUBLE CHECK VALVE
4	8820-1020	1	HEX HD CAPSCREW, 5/16-18X1 GR 5
5	8852-1205	1	HEX LOCKNUT, 5/16-18
6	8688-3169	2	ELBOW, 90 DEGREES, 3/8X5/8
7	8688-3045	1	ELBOW, 90 DEGREES, 3/8X3/8
8	8871-1022	1	TEE, 3/8
9	8698-3306	1	TUBE FITTING, 3/8X3/8
10	8870-1003	1	CLOSE NIPPLE, 3/8X1



Item	Part No.	Qty.	Description Of Part
	7736-5015	1	THROTTLE SELECTOR VALVE ASSY (includes all items except items 4 and 5)
1	7736-3135	1	THROTTLE SELECTOR VALVE
2	8688-3046	1	ELBOW, 90 DEGREES, 1/4 x 3/8
3	8688-3047	2	TUBE FITTING, STRAIGHT, 1/4 x 3/8
4	8830-1101	2	ROUND HD MACHINE SCREW #10-24 x 2-1/4
5	8852-1605	2	HEX LOCKNUT, #10-24
6	8688-3074	1	TUBE FITTING, 90 DEGREES, 1/4 x 3/8
7	8871-1251	1	SQUARE HD PIPE PLUG, 1/4

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CAB & RELATED COMPONENTS
Cab Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 12-92



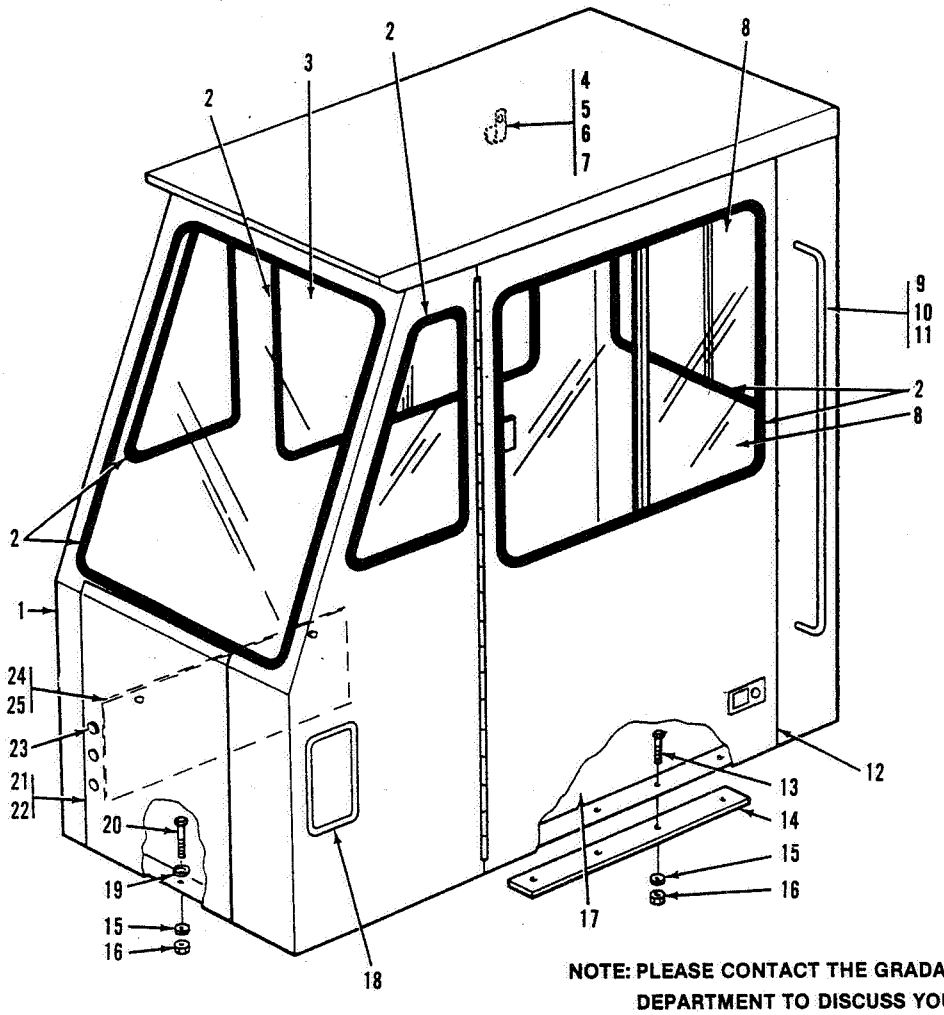
NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

Item	Part No.	Qty.	Description Of Part
1		1	CAB ASSY (see note)
2	8368-3590	2	WINDOW ASSY, L.H. & REAR
3	8368-3591	1	WINDOW ASSY, R.H.
4	8368-3368	1	HANDLE
5	8348-3597	1	CLOSE LINK
6	8820-1019	1	HEX HD CAPSCREW, 5/16-18X7/8, GR5
7	8850-1105	1	HEX NUT, 5/16-18
8	8855-1010	1	LOCKWASHER, 5/16
9	8521-1136	1	GRAB BAR
10	8820-1063	4	HEX HD CAPSCREW, 1/2-13X3/4, GR5
11	8855-1013	4	LOCKWASHER, 1/2
12	8505-1314	1	DOOR STRIKE
13	8830-4924	4	FLAT HD MACHINE SCREW, 1/4-20X3/4
14	8855-4918	4	LOCKWASHER, 1/4
15	8850-1616	4	HEX NUT, 1/4-20
16	8688-1009	1	GRAB BAR
17		Ref	DOOR ASSY (see page UN7-2 for details)

Item	Part No.	Qty.	Description Of Part
18	8830-1341	4	FLAT HD MACHINE SCREW, 3/8-16X1-1/2
19	8505-1335	1	SPACER
20	8855-1011	16	LOCKWASHER, 3/8
21	8850-1006	16	HEX NUT, 3/8-16
22	7738-3245	1	FLOOR MAT
23	8505-1366	1	VENT
24	8856-1004	16	FLAT WASHER, 3/8
25	8820-1035	12	HEX HD CAPSCREW, 3/8-16X1, GR5
26	7738-1351	1	COVER PANEL
27	9020-0755	AR	WEATHER STRIP
28	7714-3003	16	LOCK SCREW
29	7738-1410	1	ACCESS PANEL
30	7714-3006	2	HEX LOCKNUT
31	8366-1145	AR	WEATHERSTRIP
32	8369-3016	1	FIRE EXTINGUISHER
33	8369-3017	1	FIRE EXTINGUISHER BRACKET
34	7732-1039	2	SELF TAPPING SCREW, #10-32X1/2

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CAB & RELATED COMPONENTS
Cab Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 1-89



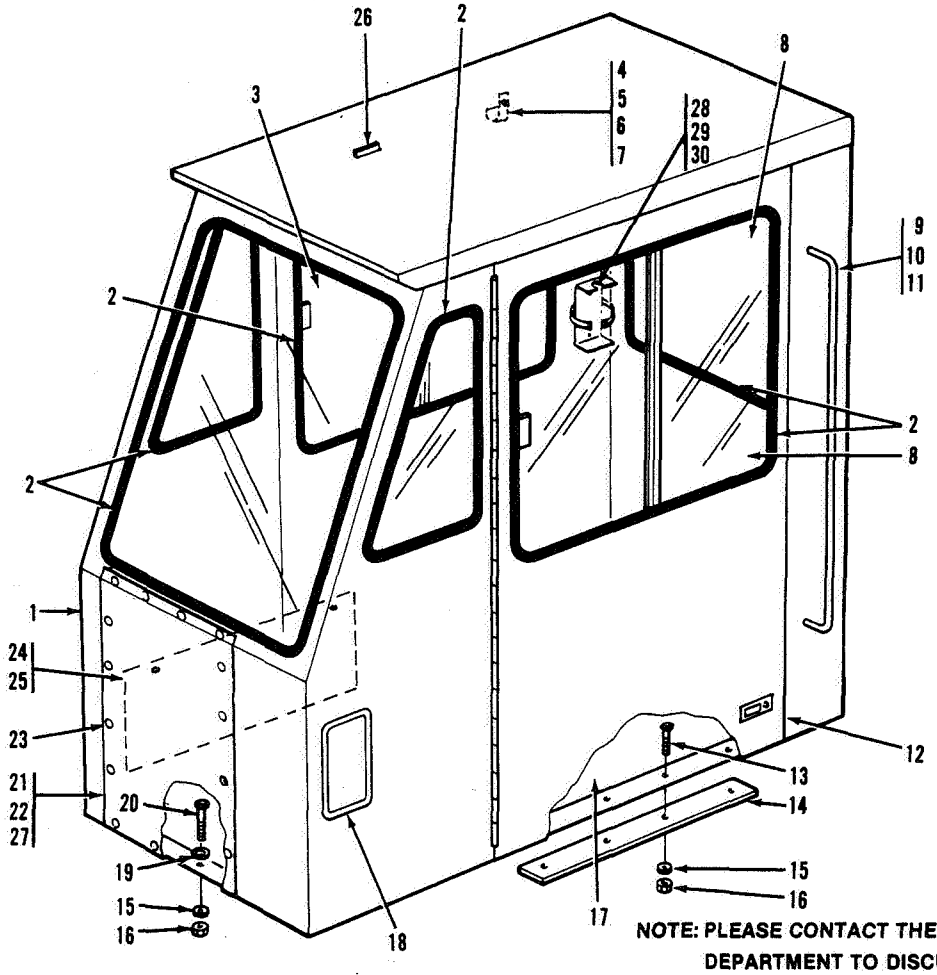
NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

Item	Part No.	Qty.	Description Of Part
1	No Number	1	CAB ASSY (see note)
2	8366-1145	AR	WEATHERSTRIP
3	8368-3591	1	WINDOW ASSY, R.H.
4	8348-3597	1	CLOSE LINK
5	8820-1019	1	HEX HD CAPSCREW, 5/16-18x7/8 GR5
6	8850-1105	1	HEX NUT, 5/16
7	8855-1010	1	LOCK WASHER, 5/16
8	8368-3590	2	WINDOW ASSY, L.H. & REAR
9	8521-1136	1	GRAB BAR
10	8820-1063	2	HEX HD CAPSCREW, 1/2-13x3/4, GR5
11	8855-1013	2	LOCK WASHER, 1/2
12	No Number	1	DOOR ASSY (see page UN7-2 for details)
13	8830-1341	4	FLAT HD MACHINE SCREW 3/8-16x1-1/2

Item	Part No.	Qty.	Description Of Part
14	8505-1335	1	SPACER
15	8855-1011	16	LOCK WASHER, 3/8
16	8850-1006	16	HEX NUT, 3/8-16
17	7738-3245	1	FLOOR MAT
18	8505-1366	1	VENT
19	8856-1004	16	FLAT WASHER, 3/8
20	8820-1035	12	HEX HD CAPSCREW, 3/8-16x1, GR5
21	7738-1351	1	COVER PANEL
22	9020-0755	AR	WEATHERSTRIP
23	7714-3003	16	LOCK SCREW
24	7738-1410	1	ACCESS PANEL
25	7714-3006	2	HEX LOCKNUT

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CAB & RELATED COMPONENTS
Cab Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D347
Original Issue 6-89
Revised 12-92



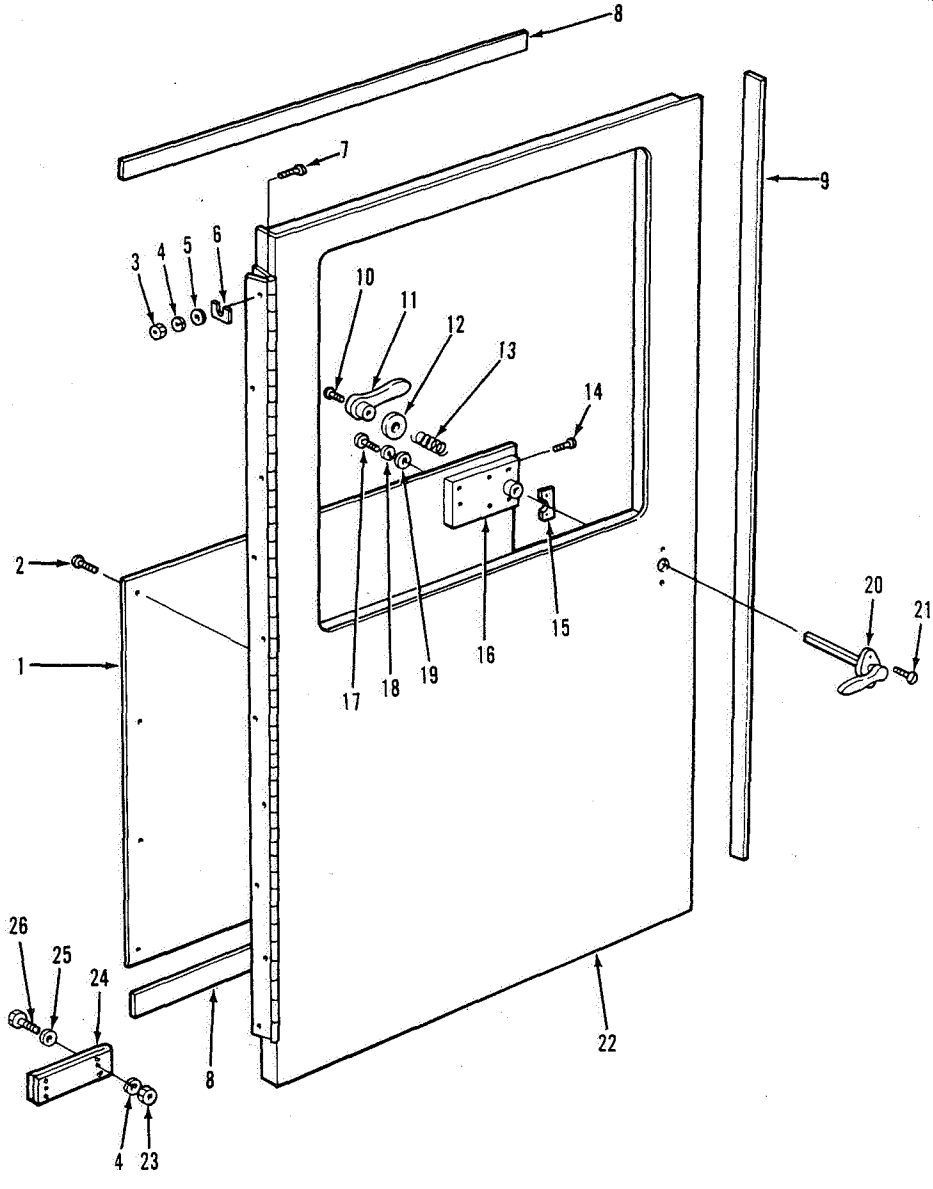
NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR CAB SHEET METAL REPLACEMENT REQUIREMENTS. ALSO CONTACT GRADALL, FOR WINDOW GLASS, GIVING THE SERIAL NUMBER OF YOUR GRADALL.

Item	Part No.	Qty.	Description Of Part
1		1	CAB ASSY (see note)
2	8366-1145	AR	WEATHER STRIP
3	8368-3591	1	WINDOW ASSY, R.H.
4	8348-3597	1	CLOSE LINK
5	8820-1019	1	HEX HD CAPSCREW, 5/16-18X7/8, GR5
6	8850-1105	1	HEX NUT, 5/16
7	8855-1010	1	LOCKWASHER, 5/16
8	8368-3590	1	WINDOW ASSY, L.H. & REAR
9	8521-1136	1	GRAB BAR
10	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5
11	8855-1013	2	LOCKWASHER, 1/2
12		Ref	DOOR ASSY (see page UN7-2 for details)
13	8830-1341	4	FLAT HD MACHINE SCREW, 3/8-16X1-1/2
14	8505-1335	1	SPACER

Item	Part No.	Qty.	Description Of Part
15	8855-1011	16	LOCKWASHER, 3/8
16	8850-1006	16	HEX NUT, 3/8-16
17	7738-3245	1	FLOOR MAT
18	8505-1366	1	VENT
19	8856-1004	16	FLAT WASHER, 3/8
20	8820-1035	12	HEX HD CAPSCREW, 3/8-16X1, GR5
21	7738-1568	1	COVER PANEL
22	9020-0755	AR	WEATHERSTRIP
23	7714-3003	16	WHIZ-LOK SCREW, 5/16-18X5/8
24	7738-1410	1	ACCESS PANEL
25	7714-3006	2	HEX LOCKNUT
26	8368-3516	1	BUMPER PAD
27	8368-3540	1	TRIM LOK (68" long)
28	8369-3016	1	FIRE EXTINGUISHER
29	8369-3017	1	FIRE EXTINGUISHER BRACKET
30	8832-1039	2	SELF-TAPPING SCREW, 10-32X1/2

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CAB & RELATED COMPONENTS
Cab Door Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85

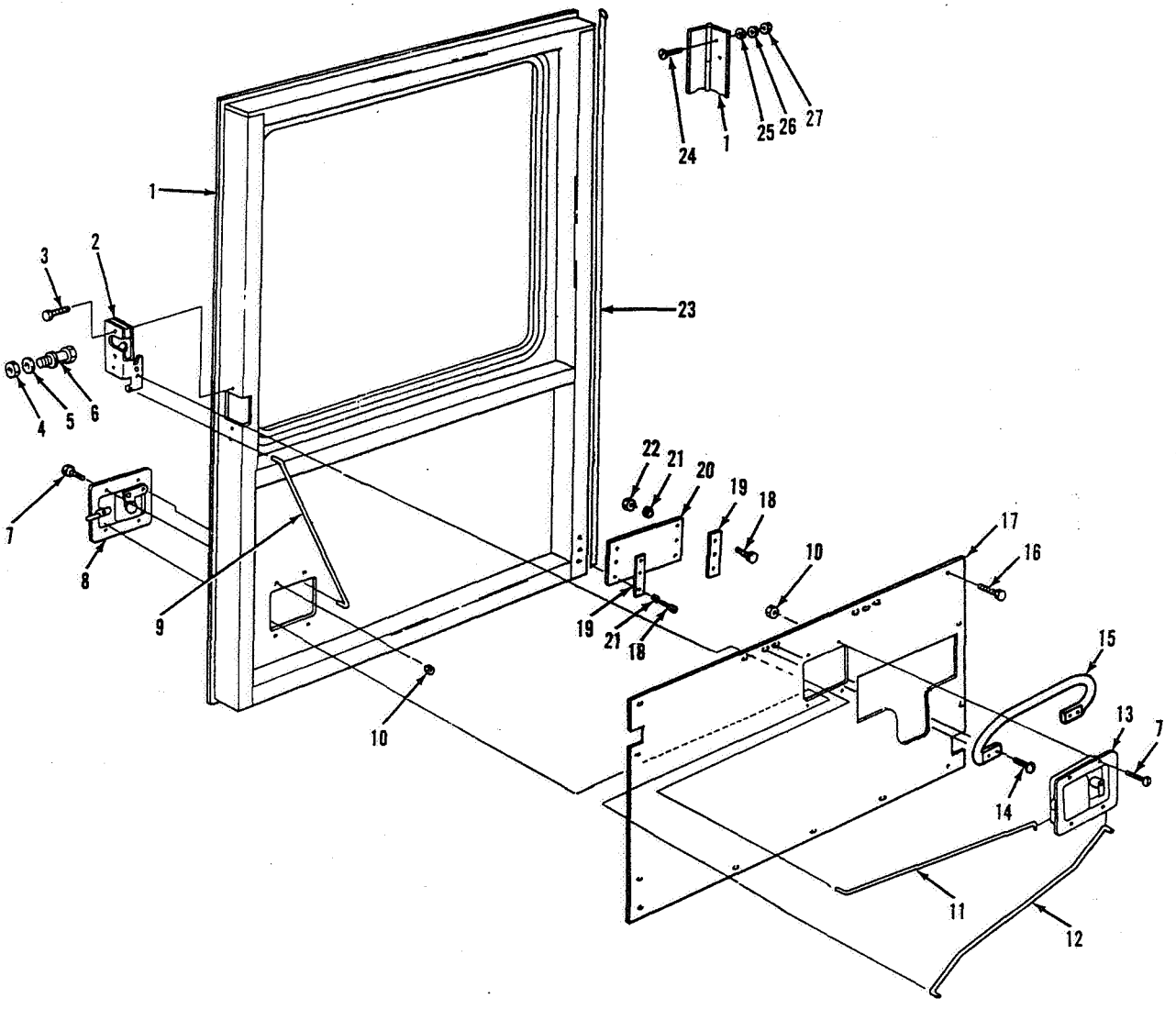


Item	Part No.	Qty.	Description Of Part
1	7738-6066	1	DOOR COVER PANEL WELDMENT
2	8832-1029	12	SELF TAPPING SCREW, #10-24X3/8
3	8505-1318	10	HEX NUT
4	8855-4918	16	LOCK WASHER, 1/4
5	8505-1317	10	FLAT WASHER
6	8505-1394	AR	DOOR SHIM
7	8830-4926	10	FLAT HD MACHINE SCREW, 1/4-20X1
8	7716-3064	AR	WEATHERSTRIP
9	7716-3064	AR	WEATHERSTRIP
10	8505-1151	1	SCREW
11	8505-1148	1	INSIDE DOOR HANDLE
12	8505-1150	1	ESCUTCHEON
13	8505-1149	1	SPRING
14	8830-4923	2	FLAT HD MACHINE SCREW

Item	Part No.	Qty.	Description Of Part
15	8505-1326	1	ADAPTER PLATE
16	8521-1281	1	LATCH ASSY
17	8830-2095	4	ROUND HD MACHINE SCREW #10-24X1
18	8855-4917	4	LOCK WASHER, 3/8
19	8856-1105	4	FLAT WASHER, 3/8
20	8521-1278	1	DOOR HANDLE W/KEY
21	8830-4916	2	OVAL HD MACHINE SCREW
22	7738-6006	1	DOOR WELDMENT
23	8850-1616	3	HEX NUT, 1/4-20
24	8505-1308	1	DOOR STRAP
25	8505-1278	2	TAB
26	8820-4912	6	HEX HD CAPSCREW, 1/4-20X1 GR 5

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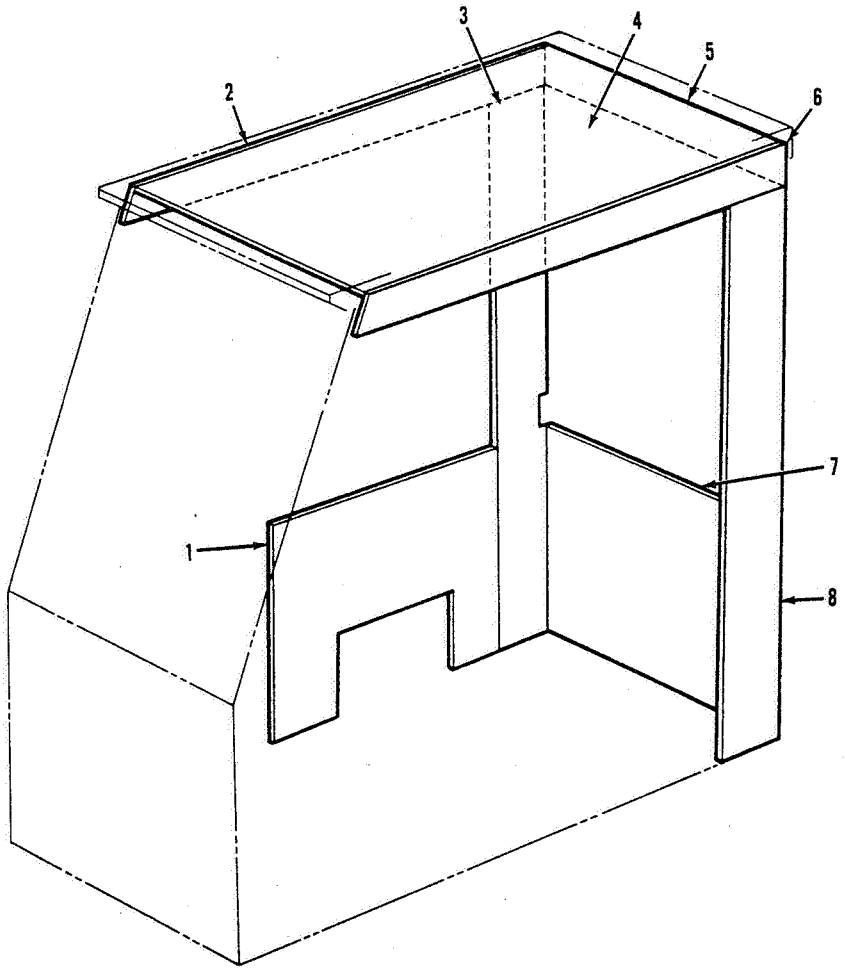
CAB & RELATED COMPONENTS
Cab Door Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D262
Original Issue 2-89



Item	Part No.	Qty.	Description Of Part
1	7738-6084	1	DOOR WELDMENT
2	7738-3446	1	ROTARY LATCH
3	8320-1060	3	HEX HD CAPSCREW, 5/16-18x1-1/4 GR8 (NYLOK) SELF-LOCKING
4	8850-1007	1	HEX NUT, 5/16-18
5	8856-1110	1	FLAT WASHER, 7/16
6	7716-3104	1	STRIKER PIN
7	8830-4925	8	FILLISTER HD MACHINE SCREW #8-32x1/2
8	8368-3385	1	OUTSIDE PADDLE LATCH
9	7738-1522	1	ROD
10	8852-1604	8	HEX LOCKNUT, #8-32
11	8368-1795	1	ROD
12	7738-3575	1	ROD
13	8368-3387	1	INSIDE PADDLE LATCH

Item	Part No.	Qty.	Description Of Part
14	8832-1051	4	SELF-TAPPING SCREW, 1/4-20x1
15	8368-3910	1	CAB DOOR HANDLE
16	8832-1029	12	SELF-TAPPING SCREW, #10-32x3/8
17	8368-6168	1	DOOR COVER WELDMENT
18	8820-4912	6	HEX HD CAPSCREW, 1/4-20x2, GR5
19	8505-1278	2	TAB
20	8505-1308	1	DOOR STRAP
21	8855-4918	6	LOCK WASHER, 1/4
22	8505-1318	3	HEX NUT
23	7716-3064	AR	WEATHERSTRIP, 55" LONG
24	8830-4926	10	FLAT HD MACHINE SCREW, 1/4-20x1
25	8505-1317	10	FLAT WASHER
26	8855-4918	10	LOCK WASHER, 1/4
27	8505-1318	10	HEX NUT

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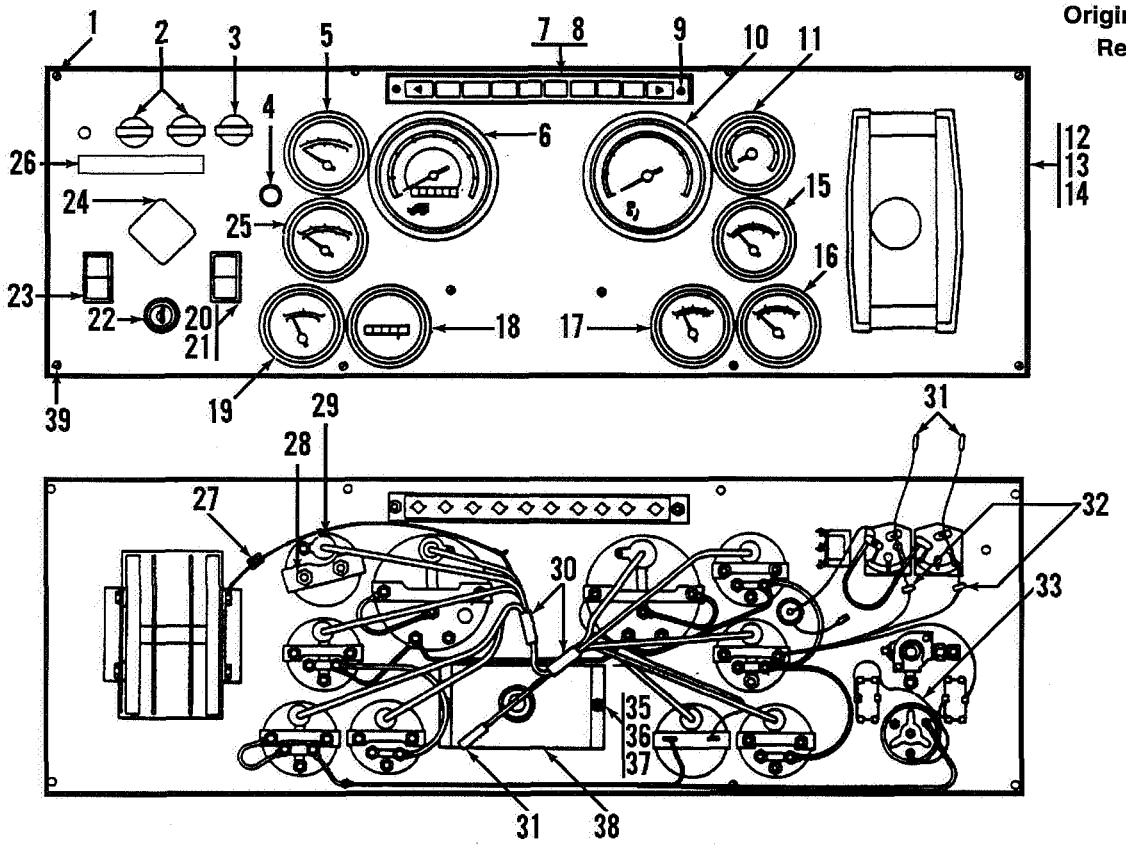


Item	Part No.	Qty.	Description Of Part
1	7738-3143	1	BOTTOM RIGHT SIDE LINER
2	7738-3141	1	TOP RIGHT SIDE LINER
3	7738-3137	1	RIGHT REAR SIDE LINER
4	7738-3139	1	CEILING PANEL
5	7738-3136	1	TOP BACK LINER
6	7738-3142	1	TOP LEFT SIDE LINER
7	7738-3138	1	BOTTOM BACK LINER
8	7738-3140	1	LEFT REAR SIDE LINER

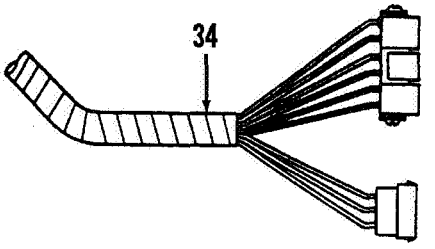
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CAB & RELATED COMPONENTS
(7738-5002)Dash Panel Assembly

4X2 or 4X4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-24-96



Item	Part No.	Qty.	Description Of Part
	7738-5002	1	DASH PANEL ASSY, (includes all items except item 39)
1	7738-1028	1	DASH PANEL
2	2486-1223	2	SWITCH
3	8668-3127	1	HEADLAMP SWITCH
4	7738-3249	1	WARNING LIGHT
5	7738-3014	1	CONVERTER OIL PRESSURE GAUGE
6	7738-3191	1	SPEEDOMETER, (use with 11:00X20 tires)
7	7738-3062	1	TEN BULB DISPLAY
8	7738-3217	1	LABEL
9	8832-1029	2	SELF TAPPING SCREW, #10-24X3/8
10	8368-3040	1	TACHOMETER
11	8348-1296	1	DUAL AIR PRESSURE GAUGE
12		Ref	TRAVELK SHIFTER ASSY, (see page UN 3-33 for details)
13	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
14	8855-1009	4	LOCKWASHER, 1/4
15	8368-3346	1	WATER TEMPERATURE GAUGE
*16	7738-3709	1	VOLTMETER
17	8368-3042	1	OIL PRESSURE GAUGE
18	7716-3051	1	ENGINE HOUR METER
19	8368-3044	1	FUEL GAUGE
20	7738-3169	1	ROCKER SWITCH
21	7716-3144	1	HOLE PLUG, (4X2 undercarriage only)
22	8668-3135	1	IGNITION SWITCH W/KEY
23	7738-3159	1	ROCKER SWITCH
24		Ref	PARKING BRAKE VALVE ASSY, see page UN 6-3 for details)

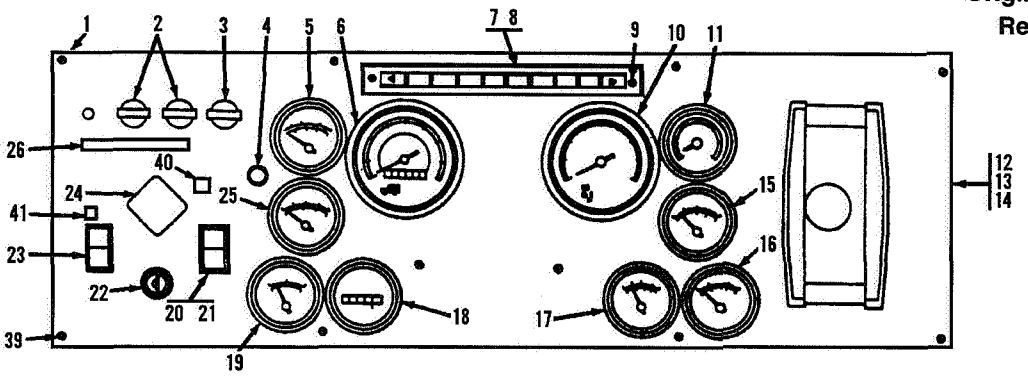


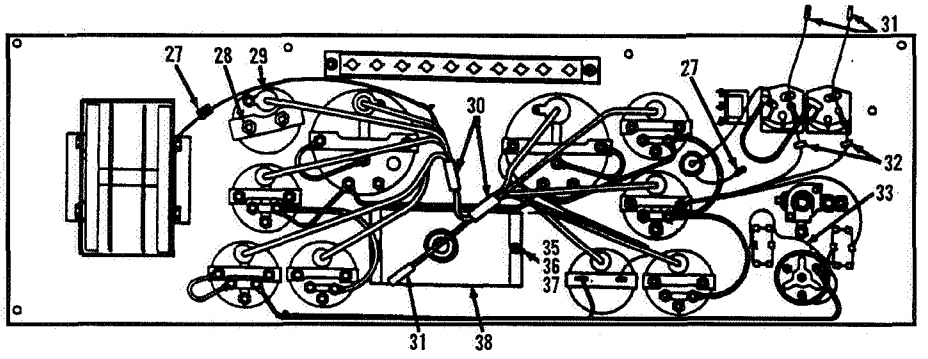
Item	Part No.	Qty.	Description Of Part
25	7738-3015	1	CONVERTER OIL TEMPERATURE GAUGE
26	7738-3252	1	LABEL
27	8668-3480	2	WIRE CONNECTOR
28	8368-3435	2	TUBE CONNECTOR
29	8368-3127	10	BULB
30	7738-3297	1	LIGHT SOCKET ASSY
31	2460-1587	3	WIRE CONNECTOR
32	7738-3206	2	DIODE
33	7738-3299	1	JUMPER WIRE, (4X4 undercarriage only)
34	7738-3047	1	DASH WIRE HARNESS
35	8830-2090	2	ROUND HD MACHINE SCREW, #10-24X1/2
36	8850-1612	2	HEX NUT, #10-24
37	8855-1007	2	LOCKWASHER, #10
38	7738-3205	1	GAUGE SENSOR & ALARM
39	8832-1038	8	SELF TAPPING SCREW, #10-32X1/2

** - Changed part number on item 16.*

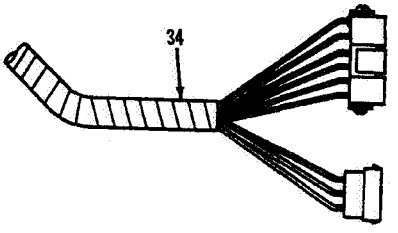
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CAB & RELATED COMPONENTS
(7738-5002)Dash Panel Assembly
4X2 or 4X4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Detroit Diesel
Starting Serial No. 87D090
Original Issue 3-88
Revised 5-24-96





Item	Part No.	Qty.	Description Of Part
	7738-5002	1	DASH PANEL ASSY, (includes all items except item 39)
1	7738-1028	1	DASH PANEL
2	2486-1223	2	SWITCH
3	8668-3127	1	HEADLAMP SWITCH
4	7738-3249	1	WARNING LIGHT
5	7738-3014	1	CONVERTER OIL PRESSURE GAUGE
6	7738-3191	1	SPEEDOMETER, (use with 11:00X20 tires)
	7738-3192	1	SPEEDOMETER, (use with 18:00X22.5 tires)
7	7738-3062	1	TEN BULB DISPLAY
8	7738-3217	1	LABEL
9	8832-1029	2	SELF TAPPING SCREW, 10-24X3/8
10	8368-3040	1	TACHOMETER
11	8348-1296	1	DUAL AIR PRESSURE GAUGE
12		Ref	TRAVEL SHIFTER ASSY, (see page UN3-33 for details)
13	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
14	8855-1009	4	LOCKWASHER, 1/4
15	8368-3346	1	WATER TEMPERATURE GAUGE
*16	7738-3709	1	VOLTMETER
17	8368-3042	1	OIL PRESSURE GAUGE
18	7716-3051	1	ENGINE HOURMETER
19	8368-3044	1	FUEL GAUGE
20	7738-3169	1	ROCKER SWITCH, (4X4 undercarriage only)
21	7716-3144	1	HOLE PLUG, (4X2 undercarriage only)
22	8668-3135	1	IGNITION SWITCH W/KEY
23	7738-3159	1	ROCKER SWITCH
24		Ref	PARKING BRAKE VALVE ASSY, (see page UN6-3 for details)



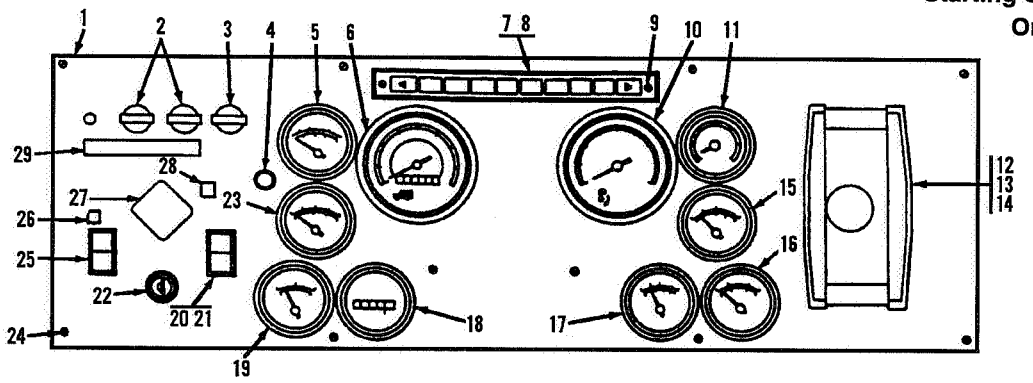
Item	Part No.	Qty.	Description Of Part
25	7738-3015	1	CONVERTER OIL TEMPERATURE GAUGE
26	7738-3252	1	LABEL
27	8668-3480	2	WIRE CONNECTOR
28	8368-3435	2	TUBE CONNECTOR
29	8368-3127	10	BULB
30	7738-3297	1	LIGHT SOCKET ASSY
31	2460-1587	3	WIRE CONNECTOR
32	7738-3206	2	DIODE
33	7738-3299	1	JUMPER WIRE, (4X4 undercarriage only)
34	7738-3047	1	DASH WIRE HARNESS
35	8830-2090	2	ROUND HD MACHINE SCREW, #10-24X1/2
36	8850-1612	2	HEX NUT, #10-24
37	8855-1007	2	LOCKWASHER, #10
38	7738-3205	1	GAUGE SENSOR
39	8832-1038	8	SELF TAPPING SCREW, #10-32X1/2
40	7738-3422	1	DECAL
41	7738-3423	1	DECAL

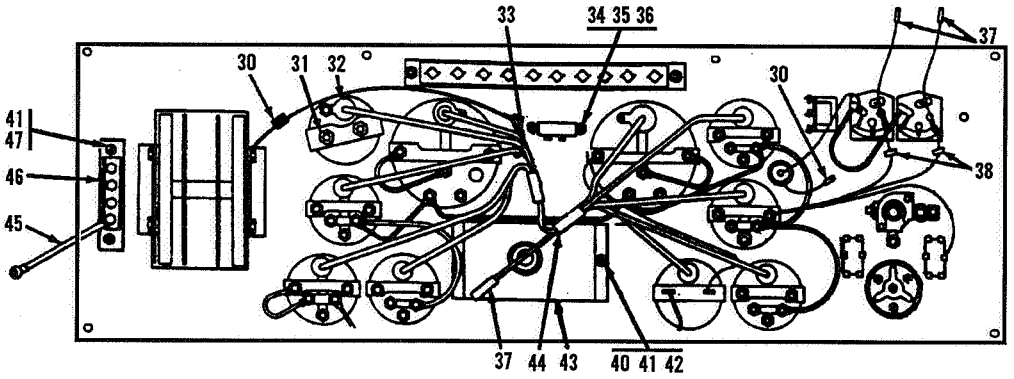
** - Changed part number on item 16.*

https://truckmanualshub.com/

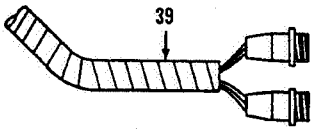
CAB & RELATED COMPONENTS
(7738-5002)Dash Panel Assembly

4X2 or 4X4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 4-88
Revised 5-24-96





Item	Part No.	Qty.	Description Of Part
	7738-5002	1	DASH PANEL ASSY, (includes all items except item 24)
1	7738-1028	1	DASH PANEL
2	2486-1223	2	SWITCH
3	8668-3127	1	HEADLAMP SWITCH
4	7738-3249	1	WARNING LIGHT
5	7738-3014	1	CONVERTER OIL PRESSURE GAUGE
6	7738-3191	1	SPEEDOMETER, (use with 11:00X20 tires)
	7738-3192	1	SPEEDOMETER, (use with 18:00X22.5 tires)
7	7738-3062	1	TEN BULB DISPLAY
8	7738-3217	1	LABEL
9	8832-1029	2	SELF TAPPING SCREW, 10-24X3/8
10	8368-3040	1	TACHOMETER
11	8348-1296	1	DUAL AIR PRESSURE GAUGE
12		Ref	TRAVEL SHIFTER ASSY, (see page UN3-33 for details)
13	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
14	8855-1009	4	LOCKWASHER, 1/4
15	8368-3346	1	WATER TEMPERATURE GAUGE
*16	7738-3709	1	VOLTMETER
17	8368-3042	1	OIL PRESSURE GAUGE
18	7716-3051	1	ENGINE HOURMETER
19	8368-3044	1	FUEL GAUGE
20	7738-3169	1	ROCKER SWITCH, (4X4 undercarriage only)
21	7716-3144	1	HOLE PLUG, (4X2 undercarriage only)
22	7738-3465	1	IGNITION SWITCH W/KEY
23	7738-3015	1	CONVERTER OIL TEMPERATURE GAUGE
24	8832-1038	8	SELF TAPPING SCREW, #10-32X1/2
25	7738-3159	1	ROCKER SWITCH

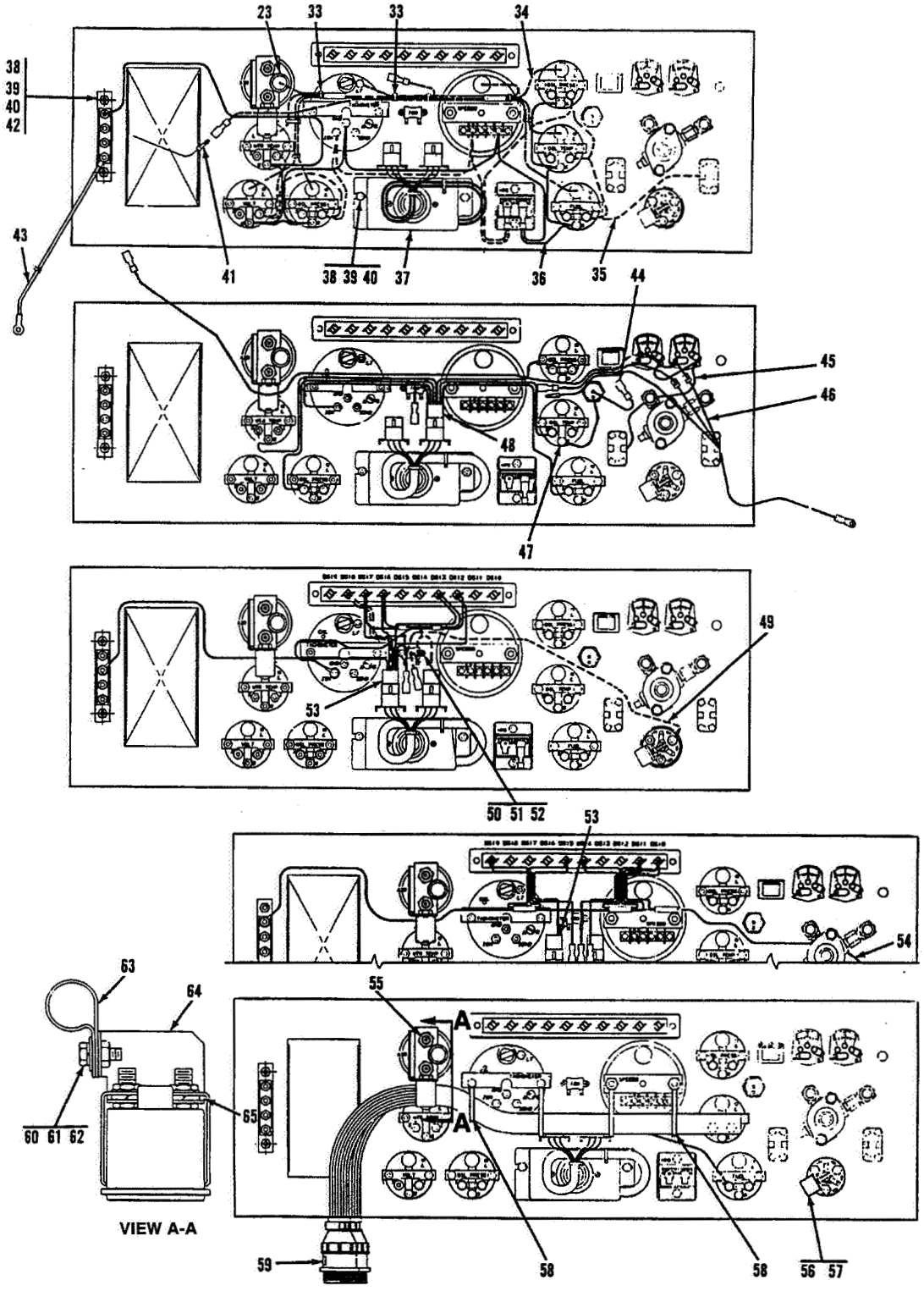


Item	Part No.	Qty.	Description Of Part
26	7738-3423	1	DECAL
27		Ref	PARKING BRAKE VALVE ASSY, (see page UN6-3 for details)
28	7738-3422	1	DECAL, (4X4 only)
29	7738-3252	1	LABEL
30	8668-3480	2	WIRE CONNECTOR
31	8368-3435	2	TUBE CONNECTOR
32	8368-3127	10	BULB
33	9105-3419	3	TY-RAP
34	7738-3464	1	RESISTOR
35	8830-1025	2	ROUND HD MACHINE SCREW, #4-40X1/2
36	8850-1604	2	HEX NUT, #4-40
37	2460-1587	3	WIRE CONNECTOR
38	7738-3206	2	DIODE
39	7738-3047	1	DASH WIRE HARNESS
40	8830-2090	2	ROUND HD MACHINE SCREW, #10-24X1/2
41	8850-1612	4	HEX NUT, #10-24
42	8855-1007	2	LOCKWASHER, #10
43	7738-3205	1	GAUGE SENSOR & ALARM
44	7738-3297	1	LIGHT SOCKET ASSY
45	7738-3461	1	DASH PANEL GROUND
46	8368-3132	1	TERMINAL BOARD
47	8830-1092	2	ROUND HD MACHINE SCREW, #10-24X5/8

** - Changed part number on item 16.*

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CAB & RELATED COMPONENTS
(7738-5093)Dash Panel Assembly
4X2 or 4X4 Undercarriage
Starting Serial No. 01D192
Original Issue 7-88
Revised 5-24-96

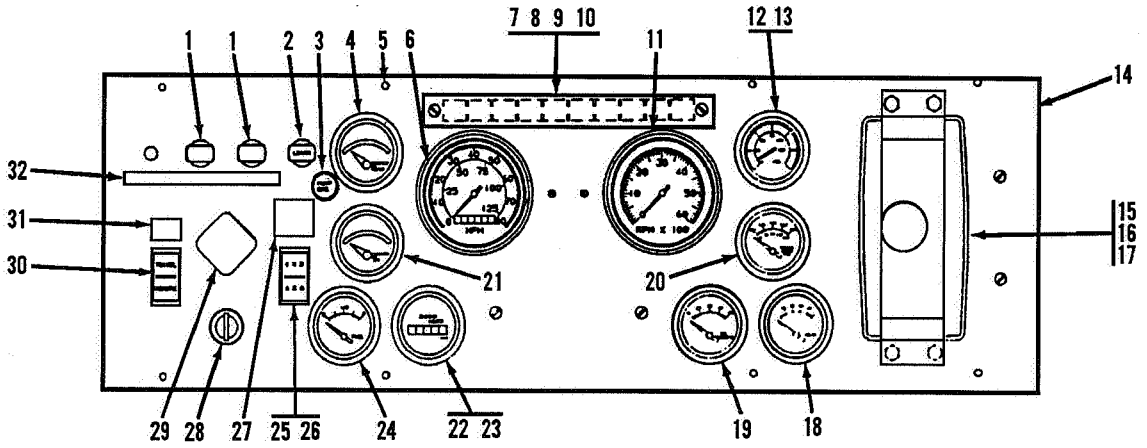


** - Changed part number on item 18.*

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CAB & RELATED COMPONENTS
(7738-5093)Dash Panel Assembly

4X2 or 4X4 Undercarriage
Starting Serial No. 01D192
Original Issue 7-88
Revised 5-24-96



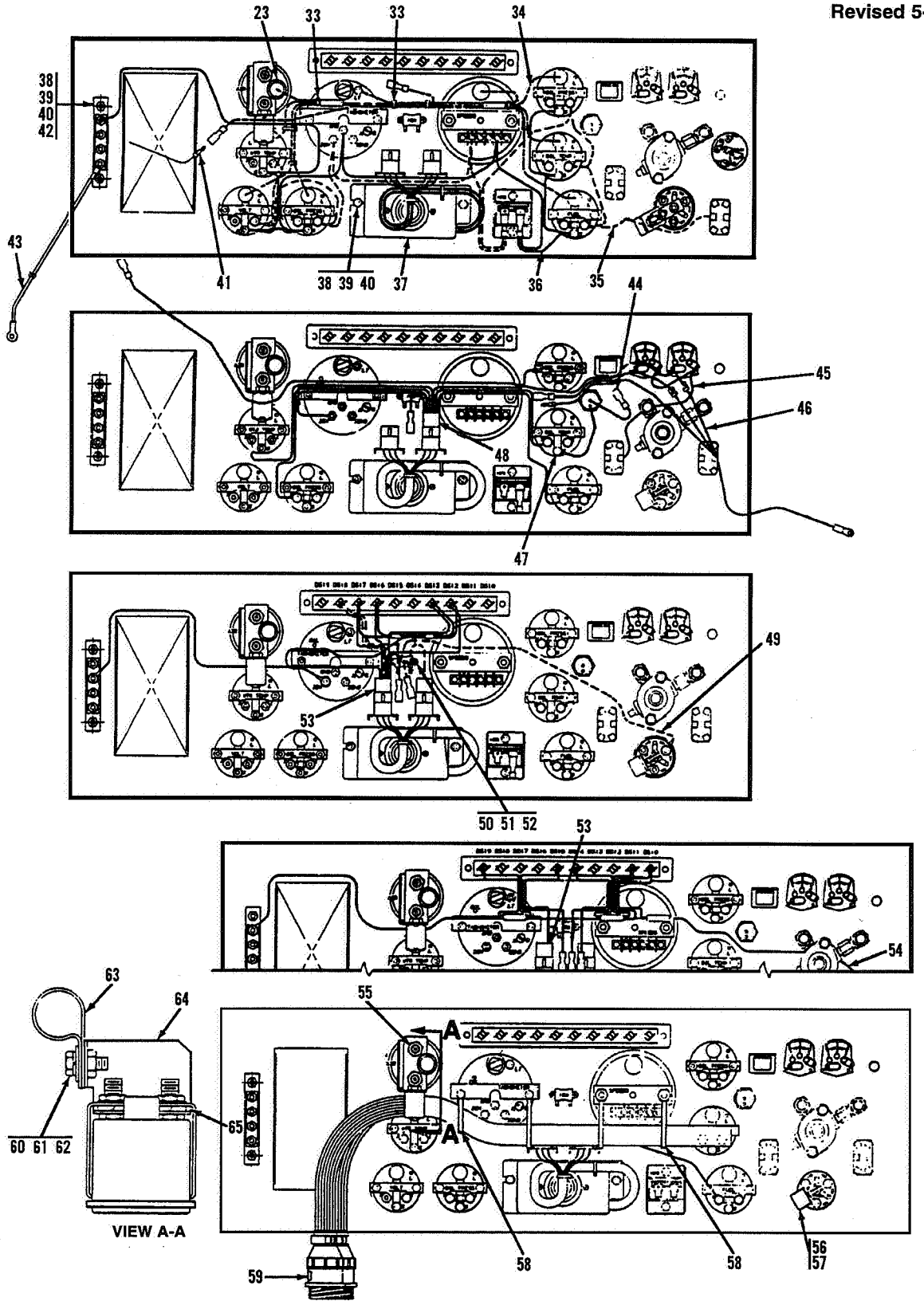
Item	Part No.	Qty.	Description Of Part
	7738-5093	1	DASH PANEL ASSY, (includes all items except item 5)
1	2486-1223	2	SWITCH
2	8668-3127	1	HEADLAMP SWITCH
3	7738-3249	1	WARNING LIGHT
4	7738-3014	1	CONVERTER OIL PRESSURE GAUGE
5	8832-1038	8	SELF TAPPING SCREW, #10-32X1/2
6	7738-3191	1	SPEEDOMETER, (use with 11:00X20 tires)
	7738-3192	1	SPEEDOMETER, (use with 18:00X22.5 tires)
7	7738-3513	10	BULB
8	7738-3512	1	TEN BULB HOUSING
9	8832-1029	2	SELF TAPPING SCREW, #10-24X3/8
10	7738-3217	1	LABEL
11	8368-3040	1	TACHOMETRE
12	8348-1296	1	DUAL AIR PRESSURE GAUGE
13	8668-3109	1	BULB
14	7738-1028	1	DASH PANEL
15		Ref	TRAVEL SHIFTER ASSY, (see page UN3-33 for details)
16	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
17	8855-1009	4	LOCKWASHER, 1/4
*18	7738-3709	1	VOLTMETER
19	8368-3042	1	OIL PRESSURE GAUGE
20	8368-3346	1	WATER TEMPERATURE GAUGE
21	7738-3015	1	CONVERTER OIL TEMPERATURE GAUGE
22	7716-3051	1	ENGINE HOURMETER
23	8368-3127	9	BULB
24	8368-3044	1	FUEL GAUGE
25	7738-3169	1	ROCKER SWITCH, (4X4 undercarriage only)
26	7716-3144	1	HOLE PLUG, (4X2 undercarriage only)
27	7738-3422	1	DECAL
28	7738-3465	1	IGNITION SWITCH W/KEY
29		Ref	PARKING BRAKE VALVE ASSY, (see page UN6-3 for details)
30	7738-3159	1	ROCKER SWITCH
31	7738-3423	1	DECAL
32	7738-3252	1	LABEL

Item	Part No.	Qty.	Description Of Part
33	9105-3419	7	TY-RAP
34	7738-3489	1	LAMP JUMPER HARNESS
35	7738-3486	1	INSTRUMENT POWER JUMPER HARNESS
36	7738-3485	1	GROUND JUMPER HARNESS
37	7738-5094	1	GAUGE SENSOR & ALARM
38	8830-1092	4	ROUND HD MACHINE SCREW, #10-24X5/8
39	8855-1007	4	LOCKWASHER, #10
40	8850-1612	4	HEX NUT, #10-24
41	8698-3193	1	MALE BULLET CONNECTOR
42	8368-3132	1	TERMINAL BOARD
43		Ref	DASH PANEL GROUND CABLE, (see page UN2-2 for details)
44	7716-3105	1	FEMALE BULLET CONNECTOR
45	7738-3496	1	ACCESSORY POWER JUMPER HARNESS
46	7738-3490	1	HEATER & DEFROSTER JUMPER HARNESS
47	8698-3187	1	RING TERMINAL, #8
48	7738-3515	1	INPUT HARNESS
49	7738-5095	1	BATTERY LAMP JUMPER HARNESS
50	8830-1025	2	ROUND HD MACHINE SCREW, #4-40X1/2
51	8850-1604	2	HEX NUT, #4-40
52	7738-3464	1	RESISTOR, 10 OHMS
53	7738-3488	1	INDICATOR LAMP POWER HARNESS
54	7738-3487	1	INDICATOR LAMP GROUND HARNESS
55	8368-3435	2	TUBE FITTING
56	8688-3071	1	CIRCUIT BREAKER, 10 AMP
57	7738-1538	1	BENT BUSS BAR
58	7738-3495	4	MOUNTABLE TY-RAP
59	7738-3480	1	DASH HARNESS ASSY
60	8820-1002	1	HEX HD CAPSCREW, 1/4-20X5/8, GR5
61	8855-1009	1	LOCKWASHER, 1/4
62	8856-1002	1	FLATWASHER, 1/4
63	8594-1017	1	CLAMP
64	7738-1537	1	CLAMP BRACKET
65	8855-1012	2	LOCKWASHER, 7/16

** - Changed part number on item 18.*

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CAB & RELATED COMPONENTS
(7738-5093)Dash Panel Assembly
4X2 or 4X4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D347
Original Issue 6-89
Revised 5-24-96



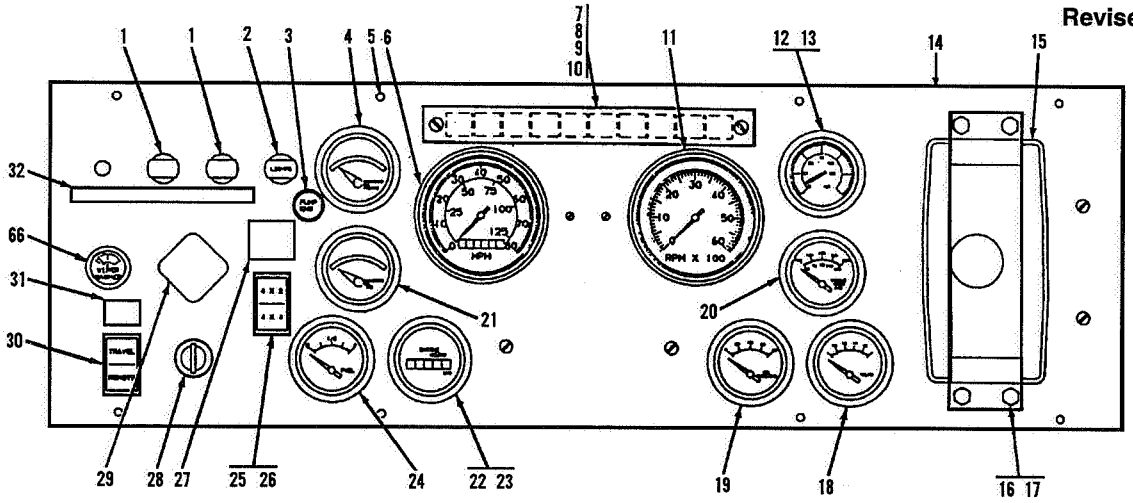
** - Changed part number on item 18.*

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CAB & RELATED COMPONENTS
(7738-5093)Dash Panel Assembly

4X2 or 4X4 Undercarriage

6BT5.9 Cummins Diesel
Starting Serial No. 01D347
Original Issue 6-89
Revised 5-24-96



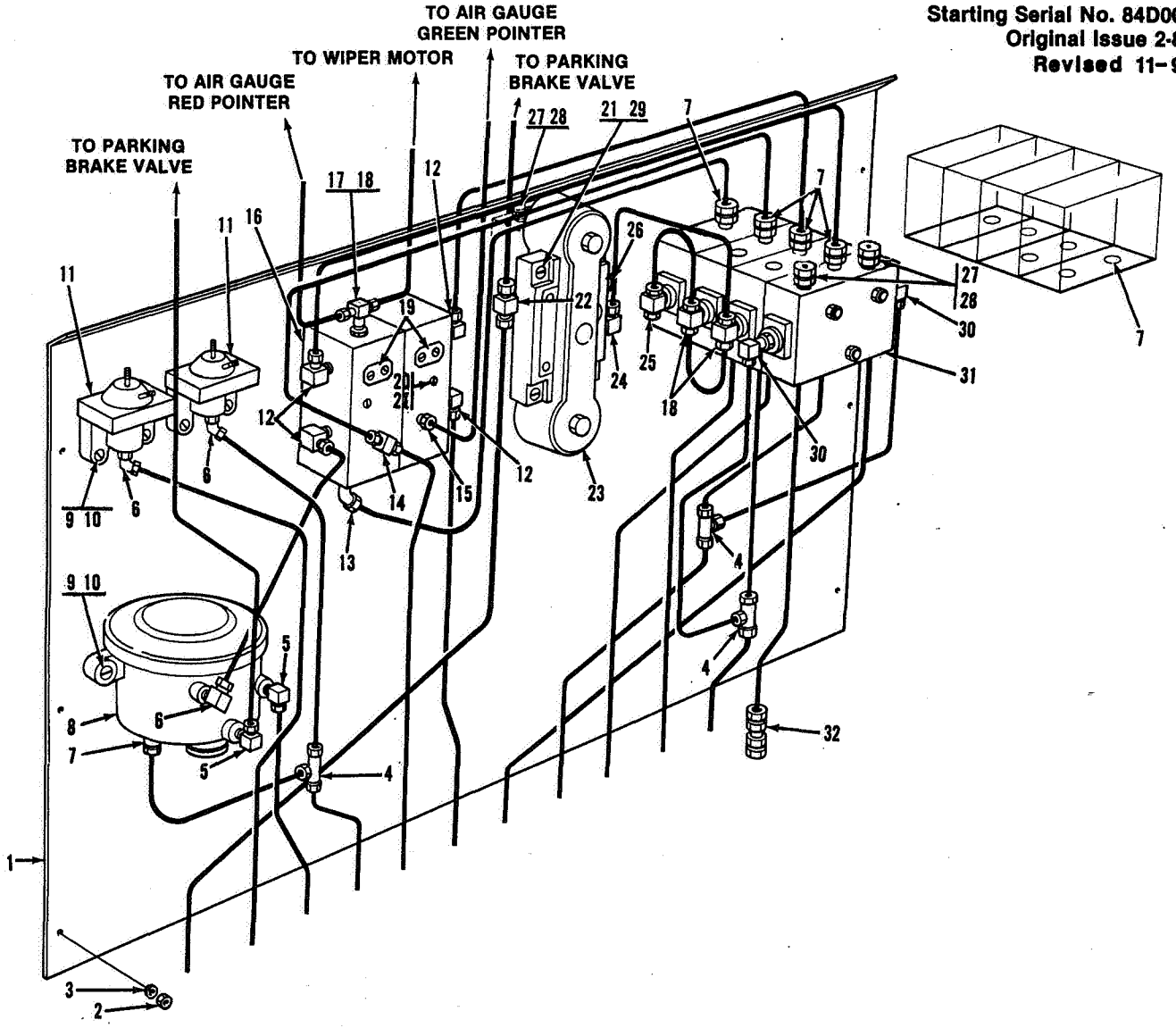
Item	Part No.	Qty.	Description Of Part
	7738-5093	1	DASH PANEL ASSY, (includes all items except item 5)
1	2486-1223	2	SWITCH
2	8668-3127	1	HEADLAMP SWITCH
3	7738-3249	1	WARNING LIGHT
4	7738-3014	1	CONVERTER OIL PRESSURE GAUGE
5	8832-1038	8	SELF TAPPING SCREW, #10-32X1/2
6	7738-3191	1	SPEEDOMETER, (use with 11:00 X20 tires)
	7738-3192	1	SPEEDOMETER, (use with 18:00 X22.5 tires)
7	7738-3513	10	BULB
8	7738-3512	1	TEN BULB HOUSING
9	8832-1029	2	SELF TAPPING SCREW, #10-24X3/8
10	7738-3217	1	LABEL
11	8368-3040	1	TACHOMETER
12	8348-1296	1	DUAL AIR PRESSURE GAUGE
13	8668-3109	1	BULB
14	7738-1028	1	DASH PANEL
15		Ref	TRAVEL SHIFTER ASSY, (see page UN3-33 for details)
16	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8, GR5
17	8855-1009	4	LOCKWASHER, 1/4
*18	7738-3709	1	VOLTMETER
19	8368-3042	1	OIL PRESSURE GAUGE
20	8368-3346	1	WATER TEMPERATURE GAUGE
21	7738-3015	1	CONVERTER OIL TEMPERATURE GAUGE
22	7716-3051	1	ENGINE HOUR METER
23	8368-3127	9	BULB
24	8368-3044	1	FUEL GAUGE
25	7738-3169	1	ROCKER SWITCH, (4X4 undercarriage only)
26	7716-3144	1	HOLE PLUG, (4X2 undercarriage only)
27	7738-3422	1	DECAL
28	7738-3465	1	IGNITION SWITCH W/KEY
29	8688-5029	Ref	PARKING BRAKE VALVE ASSY, (see page UN6-3 for details)
30	7738-3159	1	ROCKER SWITCH
31	7738-3423	1	DECAL
32	7738-3252	1	LABEL

Item	Part No.	Qty.	Description Of Part
33	9105-3419	7	TY-RAP
34	7738-3489	1	LAMP JUMPER HARNESS
35	7738-3486	1	INSTRUMENT POWER JUMPER HARNESS
36	7738-3485	1	GROUND JUMPER HARNESS
37	7738-5094	1	GAUGE SENSOR & ALARM
38	8830-1092	4	ROUND HD MACHINE SCREW, #10-24X5/8
39	8855-1007	4	LOCKWASHER, #10
40	8850-1612	4	HEX NUT, #10-24
41	8698-3193	1	MALE BULLET CONNECTOR
42	8368-3132	1	TERMINAL BOARD
43	7738-3461	Ref	DASH PANEL GROUND CABLE, (see page UN2-2 for details)
44	7716-3105	1	FEMALE BULLET CONNECTOR
45	7738-3496	1	ACCESSORY POWER JUMPER HARNESS
46	7738-3490	1	HEATER & DEFROSTER JUMPER HARNESS
47	8698-3187	1	RING TERMINAL, #8
48	7738-3515	1	INPUT HARNESS
49	7738-5095	1	BATTERY LAMP JUMPER HARNESS
50	8830-1025	2	ROUND HD MACINE SCREW, #4-40X1/2
51	8850-1604	2	HEX NUT, #4-40
52	7738-3464	1	RESISTOR, 10 OHMS
53	7738-3488	1	INDICATOR LAMP POWER HARNESS
54	7738-3487	1	INDICATOR LAMP GROUND HARNESS
55	8368-3435	2	TUBE FITTING
56	8688-3071	1	CIRCUIT BREAKER, 10 AMP
57	7738-1538	1	BENT BUSS BAR
58	7738-3495	4	MOUNTABLE TY-RAP
59	7738-3480	1	DASH HARNESS ASSY
60	8820-1002	1	HEX HD CAPSCREW, 1/4-20X5/8, GR5
61	8855-1009	1	LOCKWASHER, 1/4
62	8856-1002	1	FLAT WASHER, 1/4
63	8594-1017	1	CLAMP
64	7738-1537	1	CLAMP BRACKET
65	8855-1012	2	LOCKWASHER, 7/16
66	8395-3038	1	WIPER & WASHER SWITCH

** - Changed part number on item 18.*

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CAB & RELATED COMPONENTS
Accessory Panel Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 11-91

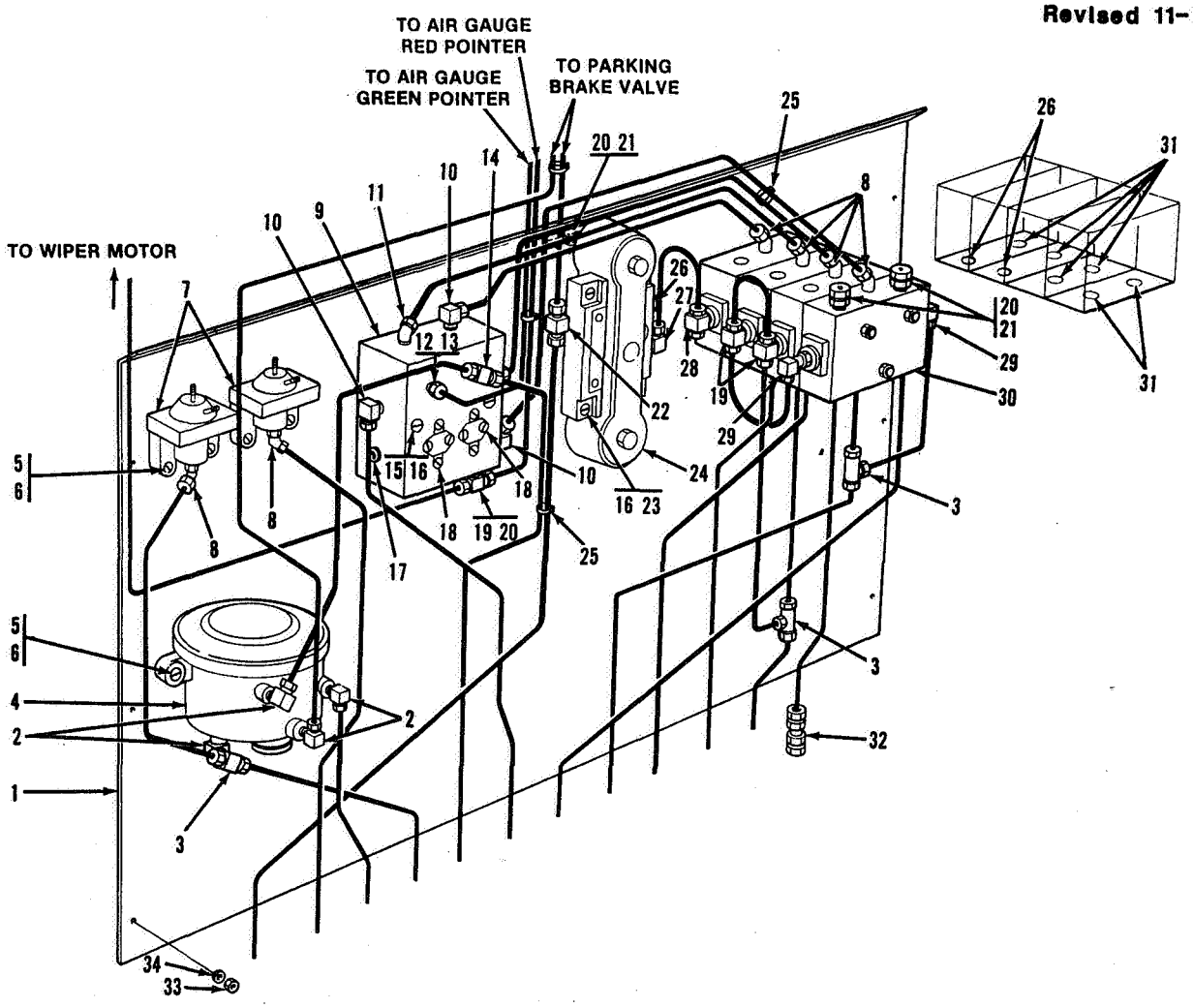


Item	Part No.	Qty.	Description Of Part
	7738-5003	1	ACCESSORY PANEL ASSY (includes all items on pages UN 7-6, UN 7-7 and UN 7-8 except items 2 and 3 on page UN 7-5)
1	7738-1022	1	ACCESSORY PANEL
2	8850-1005	12	HEX NUT, 5/16-18
3	8855-1010	6	LOCK WASHER, 5/16
4	8688-3073	3	UNION TEE, 3/8X3/8X3/8
5	8688-3046	2	MALE ELBOW, 90 DEGREES, 1/4X3/8
6	8688-3063	3	MALE ELBOW, 45 DEGREES, 1/4X3/8
7	8688-3047	11	MALE CONNECTOR, 1/4X3/8
8	8688-3030	1	SPRING BRAKE VALVE
9	8830-2127	6	ROUND HD MACHINE SCREW 1/4-20X7/8
10	8855-1009	6	LOCK WASHER, 1/4
11	8668-3300	2	STOP LIGHT SWITCH
12	8688-3045	4	MALE ELBOW, 90 DEGREES, 3/8X3/8
13	8688-3216	1	ELBOW, 45 DEGREES, 3/8X3/8
14	8688-3053	1	MALE TEE, 3/8X3/8X3/8
15	7738-3187	1	CONNECTOR
16	8688-1139	1	AIR MANIFOLD

Item	Part No.	Qty.	Description Of Part
17	8871-1380	1	REDUCING BUSHING, 1/4X1/8
18	7710-3051	3	MALE TEE, 1/8X1/4X1/4
19	8688-3033	2	LOW PRESSURE INDICATOR
20	8830-2101	2	ROUND HD MACHINE SCREW #10-24X2-1/4
21	8855-1007	6	LOCK WASHER, #10
22	8688-3090	1	MALE TEE, 1/4X3/8X3/8
23		Ref	AIR VALVE, 12 V.D.C. (see page UN 7-7 for details)
24	8367-1138	1	MALE ELBOW, 90 DEGREES, 1/4X1/4
25	8688-1276	1	MALE ELBOW, 90 DEGREES, 1/8X1/4
26	8871-1281	1	HEX SOCKET PIPE PLUG, 1/4
27	8871-1380	3	REDUCING BUSHING, 1/4X1/8
28	8369-1115	3	BREATHER, 5 PSI
29	8830-2093	4	ROUND HD MACHINE SCREW #10-24X3/4
30	8688-3074	2	ELBOW, 90 DEGREES, 1/8X3/8
31		Ref	AIR VALVE BANK ASSY (see page UN 7-7 for details)
32	7716-3029	12	BULKHEAD UNION, 3/8X3/8

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CAB & RELATED COMPONENTS
Accessory Panel Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D192
Original Issue 7-88
Revised 11-91

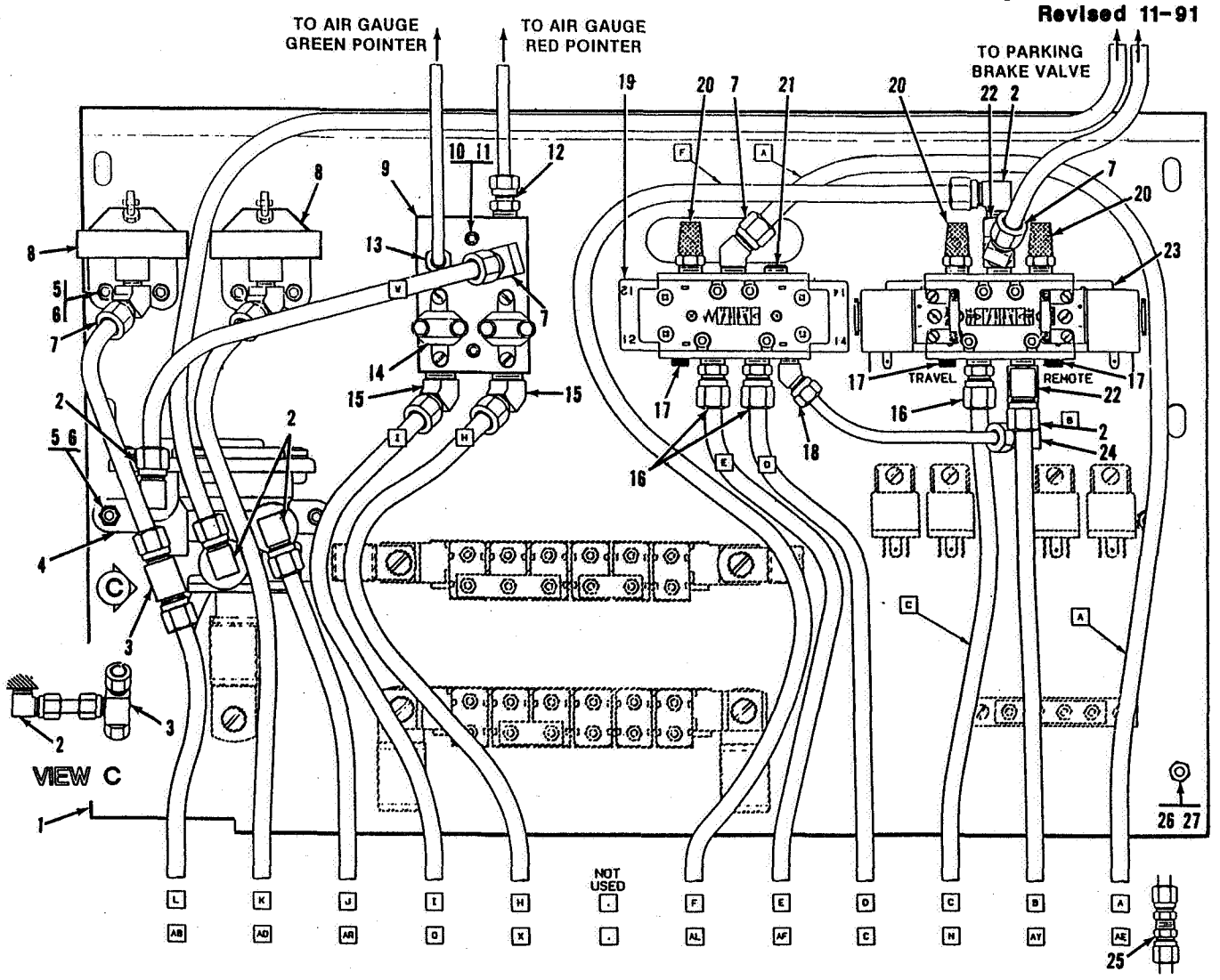


Item	Part No.	Qty.	Description Of Part
	7738-5092	1	ACCESSORY PANEL ASSY (includes all items on pages UN7-5, UN7-6 UN7-7, and UN7-8 except items 32,33,34 on UN7-5)
1	7738-1022	1	ACCESSORY PANEL
2	8688-3046	4	MALE ELBOW, 90 DEGREES, 1/4x3/8
3	8688-3073	3	UNION TEE, 3/8x3/8x3/8
4	8688-3030	1	SPRING BRAKE VALVE ASSY
5	8820-1004	6	HEX HD CAPSCREW, 1/4-20x7/8,GR5
6	8855-1009	6	LOCK WASHER, 1/4
7	8668-3300	2	STOP LIGHT SWITCH
8	8688-3063	7	MALE ELBOW, 45 DEGREES, 1/4x3/8
9	8688-1139	1	AIR MANIFOLD
10	8688-3045	3	MALE ELBOW, 90 DEGREES, 3/8x3/8
11	8688-3216	1	ELBOW, 45 DEGREES, 3/8x3/8
12	8688-3217	1	MALE CONNECTOR, 1/4x1/4
13	8871-1381	1	REDUCING BUSHING, 3/8x1/4
14	8688-3053	1	MALE TEE, 3/8x3/8x3/8
15	8830-2101	2	ROUND HD MACHINE SCREW #10-24x2-1/4
16	8855-1007	6	LOCK WASHER, #10

Item	Part No.	Qty.	Description Of Part
17	8871-1282	1	PIPE PLUG, 3/8
18	8688-3033	2	LOW PRESSURE INDICATOR
19	7710-3051	3	MALE TEE, 1/8x1/4x1/4
20	8871-1380	4	REDUCING BUSHING, 1/4x1/8
21	8369-1115	3	BREATHER, 5 PSI
22	8688-3090	1	MALE TEE, 1/4x3/8,3/8
23	8830-2093	4	ROUND HD MACHINE
24		Ref	AIR VALVE ASSY, 12 V.D.C. (see page UN7-8 for details)
25	8668-3122	AR	TIE WRAP
26	8871-1281	3	HEX SOCKET PIPE PLUG, 1/4
27	8367-1138	1	MALE ELBOW, 90 DEGREES, 1/4x1/4
28	8688-1276	1	MALE ELBOW, 90 DEGREES, 1/8x1/4
29	8688-3074	2	ELBOW, 90 DEGREES, 1/8x3/8
30		Ref	AIR VALVE BANK ASSY (see page UN7-7 for details)
31	8688-3047	6	MALE CONNECTOR, 1/4-3/8
32	7716-3029	12	BULKHEAD UNION, 3/8x3/8
33	8850-1005	12	HEX NUT, 5/16-18
34	8855-1010	6	LOCK WASHER, 5/16

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CAB & RELATED COMPONENTS
Accessory Panel Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89
Revised 11-91

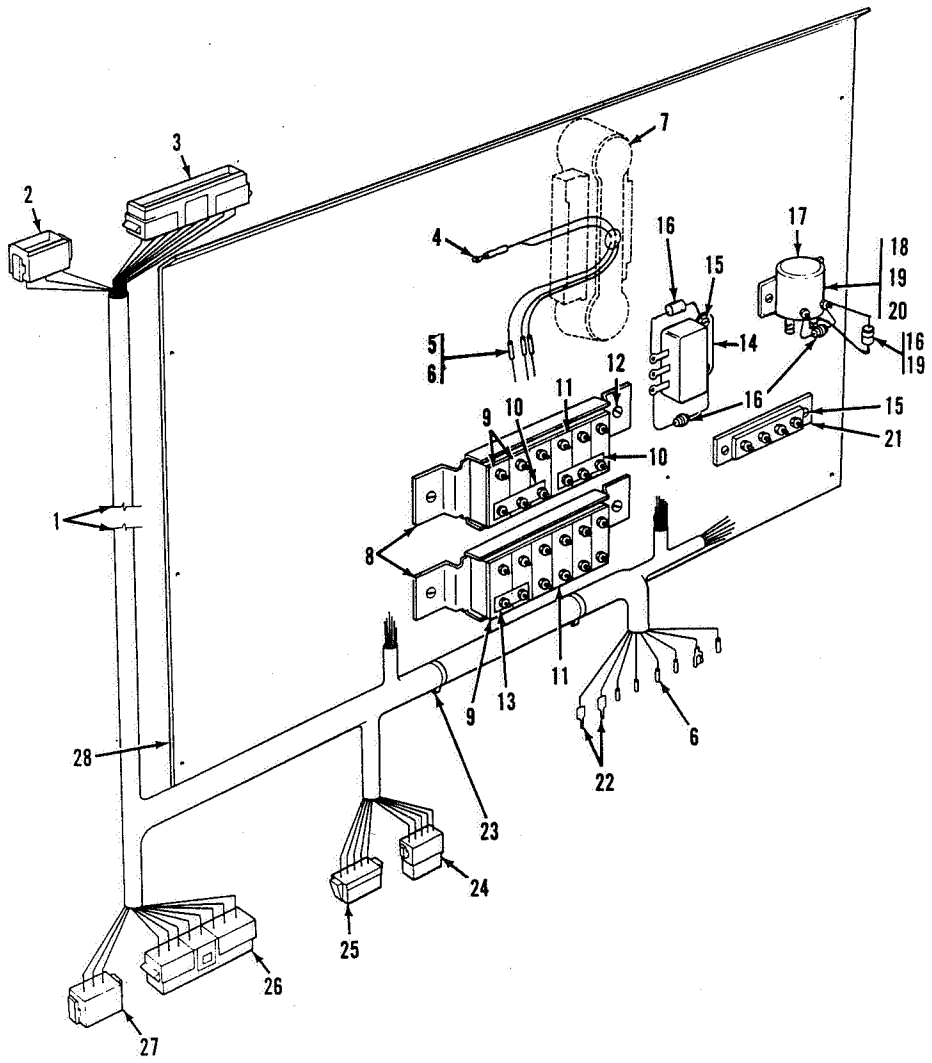


Item	Part No.	Qty.	Description Of Part
	7738-5133	1	ACCESSORY PANEL ASSY (includes all items on pages UN7-5, UN7-6 & UN7-7 except items 25,26,27 on page UN7-5)
1	7738-1556	1	ACCESSORY PANEL
2	8688-3046	6	MALE ELBOW, 90 DEGREES, 1/4x3/8
3	8688-3073	1	UNION TEE, 3/8x3/8x3/8
4	8688-3030	1	SPRING BRAKE VALVE ASSY
5	8821-1040	7	SOCKET HD CAPSCREW, 1/4-20x3/4 GR8
6	8855-1009	10	LOCK WASHER, 1/4
7	8688-3063	5	ELBOW, 45 DEGREES, 1/4 NPT x3/8 TUBE
8	8668-3300	2	STOP LIGHT SWITCH
9	7738-1550	1	AIR MANIFOLD
10	8821-1035	2	SOCKET HD CAPSCREW, #10-32x1-3/4 GR8
11	8855-1104	6	LOCK WASHER, #10 (Hi-collar)
12	8688-3217	1	MALE CONNECTOR, 1/4 NPT x 1/4 TUBE

Item	Part No.	Qty.	Description Of Part
13	8688-3217	1	MALE CONNECTOR, 1/4 NPT x 1/4 TUBE
14	8688-3033	2	LOW PRESSURE SWITCH
15	8688-3216	2	ELBOW, 45 DEGREES, 3/8 NPT x 3/8 TUBE
16	8688-3047	3	MALE CONNECTOR, 1/4 NPT x 3/8 TUBE
17	8871-1280	3	HEX SOCKET PIPE PLUG, 1/8
18	8688-1281	1	ELBOW, 45 DEGREES, 1/8 NPT x 1/4 TUBE
19		Ref	FOUR-WAY AIR VALVE (see page UN7-7 for details)
20	7738-3551	3	MUFFLER
21	8871-1281	1	HEX SOCKET PIPE PLUG, 1/4
22	8688-3118	2	STREET TEE, 1/4 NPT (BRASS)
23		Ref	FOUR-WAY AIR VALVE W/SOLENOIDS (see page UN7-7 for details)
24	8688-1276	1	ELBOW, 90 DEGREES, 1/8 NPT x 1/4 TUBE
25	7716-3029	11	BULKHEAD UNION, 3/8x3/8
26	8850-1005	12	HEX NUT, 5/16-18
27	8855-1010	6	LOCK WASHER, 5/16

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CAB & RELATED COMPONENTS
Accessory Panel & Electrical Components
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 11-86

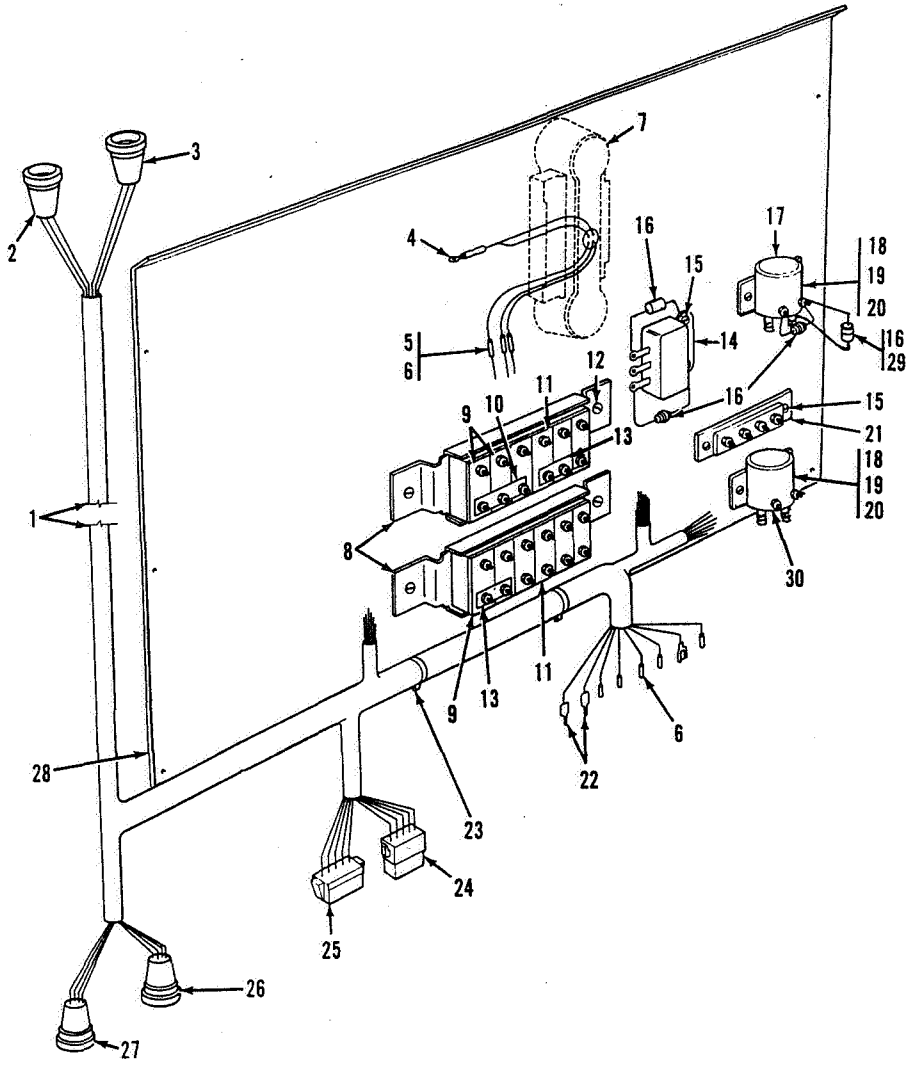


Item	Part No.	Qty.	Description Of Part
1	7738-3175	1	WIRE HARNESS ASSY (includes items 2, 3, 24, 25, 26, 27)
2	7738-3027	1	CONNECTOR PLUG
3	7738-3032	1	CONNECTOR PLUG
4	8698-3190	1	RING TERMINAL
5	8698-3193	2	BULLET TERMINAL
6	2460-1587	7	CONNECTOR
7		Ref	AIR VALVE, 12 V, D.C. (see page UN 7-5 and 7-8 for details)
8	8368-3029	2	CIRCUIT BREAKER BRACKET
9	8688-3071	3	CIRCUIT BREAKER, 10 AMP
10	8698-1178	2	BUSS BAR
11	8698-3041	9	CIRCUIT BREAKER, 20 AMP
12	8832-1047	4	SELF TAPPING SCREW, 1/4-20X1/2
13	8698-1272	1	BUSS BAR
14	8666-1084	1	HORN RELAY
15	8832-1040	4	SELF TAPPING SCREW, 10-32X5/8

Item	Part No.	Qty.	Description Of Part
16	7738-3206	4	DIODE
17	7710-3122	1	SOLENOID RELAY
18	8830-2123	2	ROUND HD MACHINE SCREW 1/4-20X1/2
19	8856-1002	2	FLAT WASHER, 1/4
20	8855-1009	2	LOCK WASHER, 1/4
21	8368-3132	1	TERMINAL BLOCK
22	2460-1589	2	CONNECTOR
23	8668-3122	9	TIE STRAP
24	7738-3216	1	CONNECTOR CAP
25	7738-3215	1	CONNECTOR PLUG
26	7738-3168	1	CONNECTOR PLUG
27	7738-3029	1	CONNECTOR PLUG
28		Ref	ACCESSORY PANEL (see page UN 7-5 for details and for accessory panel air piping)
29	8368-3363	1	RING TERMINAL

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CAB & RELATED COMPONENTS
Accessory Panel & Electrical Components
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D191
Original Issue 5-88

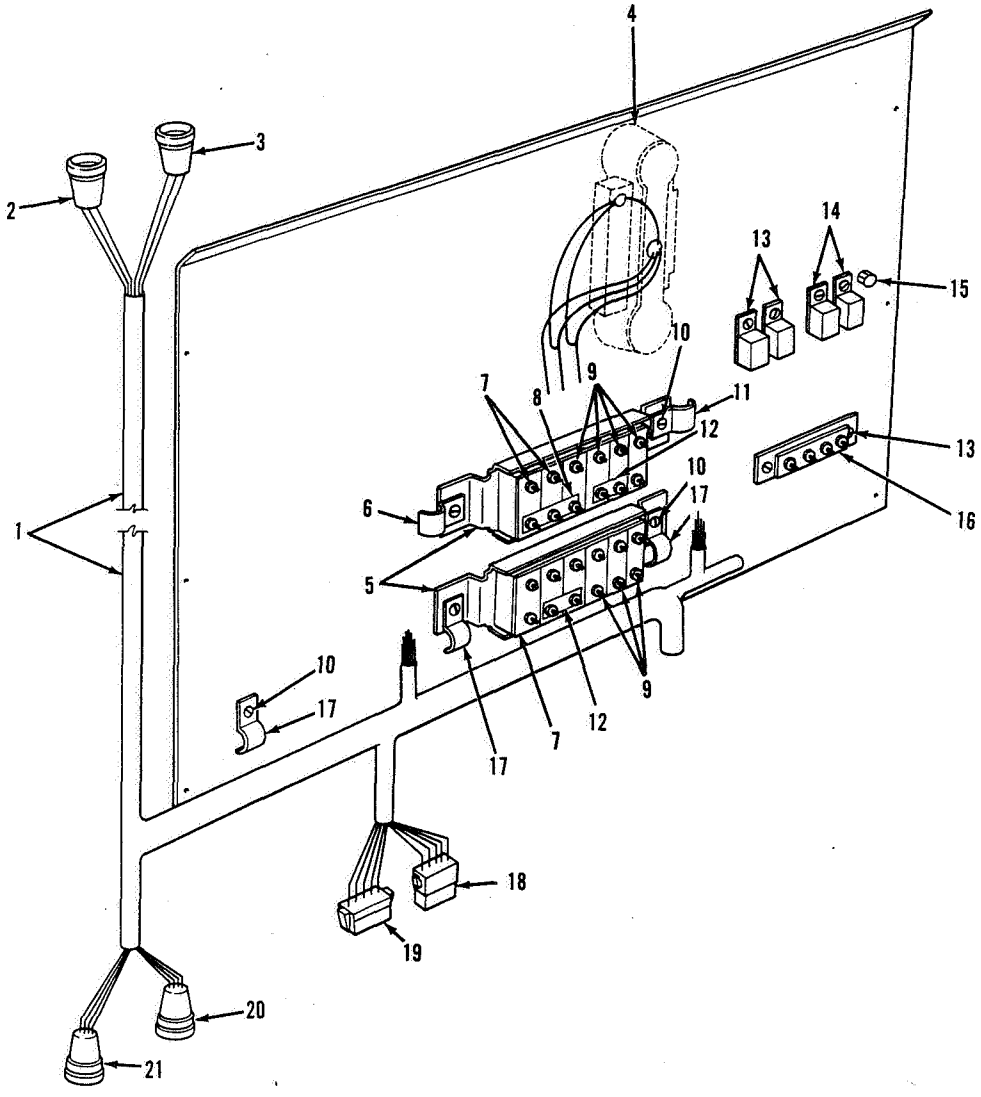


Item	Part No.	Qty.	Description Of Part
1	7738-3468	1	WIRE HARNESS ASSY (includes items 2, 3, 24, 25, 26, 27)
2	7738-3267	1	CONNECTOR PLUG
3	7738-3265	1	CONNECTOR PLUG
4	8698-3190	1	RING TERMINAL
5	8698-3193	2	BULLET TERMINAL
6	2460-1587	7	CONNECTOR
7		Ref	AIR VALVE, 12 V, D.C. (see page UN 7-5 and 7-8 for details)
8	8368-3029	2	CIRCUIT BREAKER BRACKET
9	8688-3071	3	CIRCUIT BREAKER, 10 AMP
10	8698-1178	1	BUSS BAR
11	8698-3041	9	CIRCUIT BREAKER, 20 AMP
12	8832-1047	4	SELF TAPPING SCREW, 1/4-20X1/2
13	8698-1272	2	BUSS BAR
14	8666-1084	1	HORN RELAY
15	8832-1040	4	SELF TAPPING SCREW, 10-32X5/8

Item	Part No.	Qty.	Description Of Part
16	7738-3206	4	DIODE
17	7710-3122	1	SOLENOID RELAY
18	8830-2123	4	ROUND HD MACHINE SCREW 1/4-20X1/2
19	8856-1002	4	FLAT WASHER, 1/4
20	8855-1009	4	LOCK WASHER, 1/4
21	8368-3132	1	TERMINAL BLOCK
22	2460-1589	2	CONNECTOR
23	8668-3122	9	TIE STRAP
24	7738-3216	1	CONNECTOR CAP
25	7738-3215	1	CONNECTOR PLUG
26	7738-3269	1	CONNECTOR PLUG
27	7738-3267	1	CONNECTOR PLUG
28		Ref	ACCESSORY PANEL (see page UN 7-5 for details and for accessory panel air piping)
29	8368-3363	1	RING TERMINAL
30	7738-3377	1	RELAY

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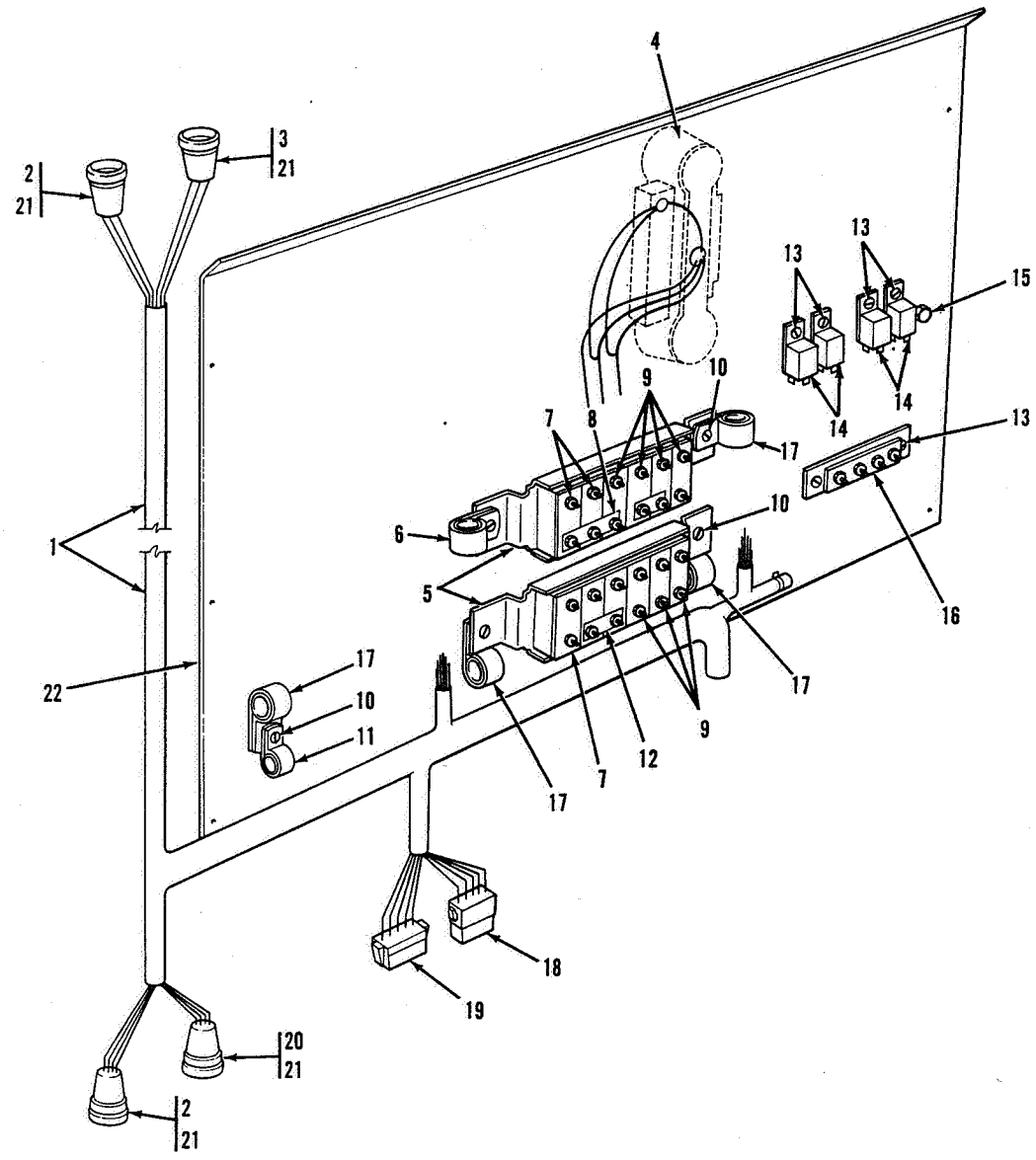
CAB & RELATED COMPONENTS
Accessory Panel & Electrical Components
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D192
Original Issue 7-88



Item	Part No.	Qty.	Description Of Part
1	7738-3468	1	WIRE HARNESS ASSY (includes items 2,3,18,19,20,21)
2	7738-3267	2	CONNECTOR PLUG
3	7738-3265	1	CONNECTOR PLUG
4		Ref	AIR VALVE, 12 V, D.C. (see page UN7-5 and 7-8 for details)
5	8368-3029	2	CIRCUIT BREAKER BRACKET
6	8594-1017	1	CLAMP
7	8688-3071	3	CIRCUIT BREAKER, 10 AMP
8	8698-1178	1	BUSS BAR
9	8698-3041	9	CIRCUIT BREAKER, 20 AMP
10	8832-1047	5	SELF TAPPING SCREW, 1/4-20x1/2
11	2486-1170	2	CLAMP

Item	Part No.	Qty.	Description Of Part
12	8698-1272	2	BUSS BAR
13	8832-1040	6	SELF TAPPING SCREW, 1/4-20x5/8
14	7738-3410	4	RELAY
15	8820-1004	1	HEX HD CAPSCREW, 1/4-20x7/8,GR5
16	8368-3132	1	TERMINAL BLOCK
17	2460-1710	3	CLAMP
18	7738-3215	1	CONNECTOR PLUG
19	7738-3216	1	CONNECTOR CAP
20	7738-3269	1	CONNECTOR PLUG
21	7738-3262	4	STRAIN RELIEF
22		Ref	ACCESSORY PANEL (see UN7-5 for details and for accessory panel air piping)

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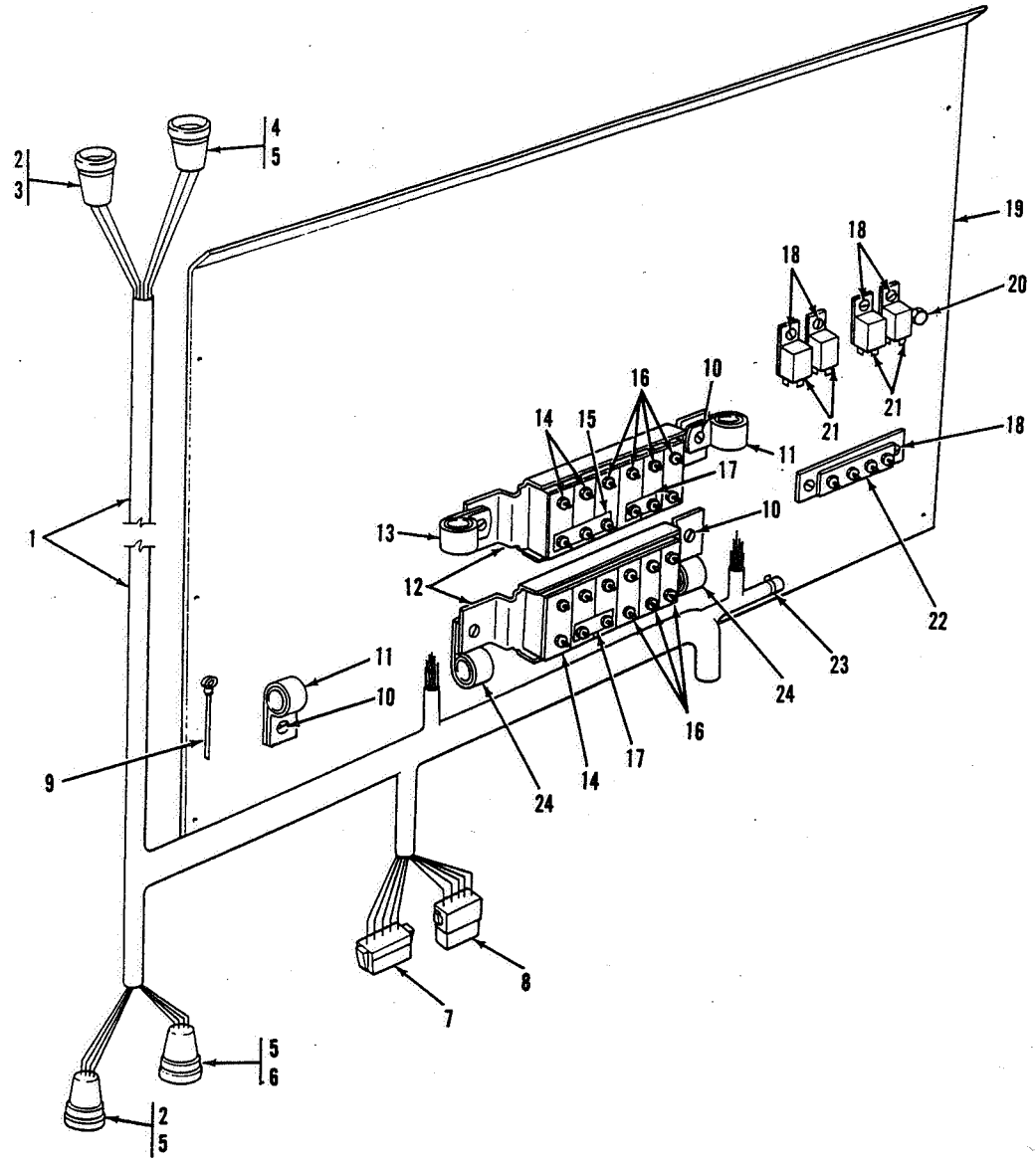


Item	Part No.	Qty.	Description Of Part
1	7738-3468	1	WIRE HARNESS ASSY (includes items 2,3,18,19,20,21)
2	7738-3267	2	CONNECTOR PLUG
3	7738-3265	1	CONNECTOR PLUG
4		Ref	AIR VALVE, 12 V, D.C. (see page UN7-5 and UN7-8 for details)
5	8368-3029	2	CIRCUIT BREAKER BRACKET
6	8594-1017	1	CLAMP
7	8688-3071	3	CIRCUIT BREAKER, 10 AMP
8	8698-1178	1	BUSS BAR
9	8698-3041	9	CIRCUIT BREAKER, 20 AMP
10	8832-1047	5	SELF TAPPING SCREW, 1/4-20x1/2
11	2486-1170	1	CLAMP

Item	Part No.	Qty.	Description Of Part
12	8698-1272	2	BUSS BAR
13	8832-1040	6	SELF TAPPING SCREW, 1/4-20x5/8
14	7738-3410	4	RELAY
15	8820-1004	1	HEX HD CAPSCREW, 1/4-20x7/8,GR5
16	8368-3132	1	TERMINAL BLOCK
17	2460-1710	4	CLAMP
18	7738-3215	1	CONNECTOR PLUG
19	7738-3216	1	CONNECTOR CAP
20	7738-3269	1	CONNECTOR PLUG
21	7738-3262	4	STRAIN RELIEF
22		Ref	ACCESSORY PANEL (see UN7-5 for details and for accessory panel air piping)

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CAB & RELATED COMPONENTS
Accessory Panel & Electrical Components
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D271
Original Issue 6-89

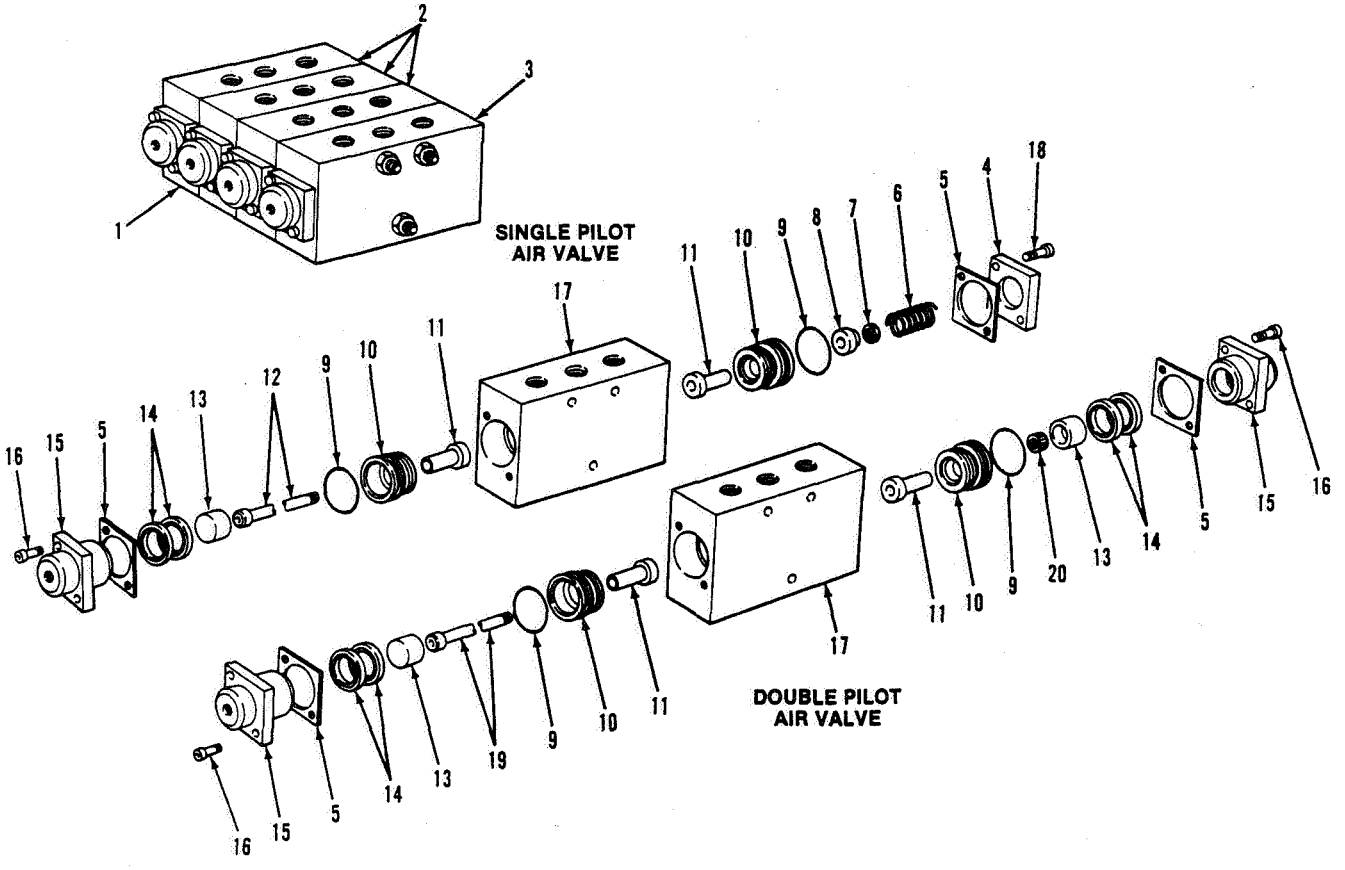


Item	Part No.	Qty.	Description Of Part
1	7738-3555	1	WIRE HARNESS ASSY (includes items 2 thru 8)
2	7738-3267	2	CONNECTOR PLUG
3	7738-3304	1	STRAIN RELIEF
4	7738-3269	1	CONNECTOR PLUS
5	7738-3262	3	STRAIN RELIEF
6	7738-3265	1	CONNECTOR PLUG
7	7738-3216	1	CONNECTOR CAP
8	7738-3215	1	CONNECTOR PLUG
9	7738-3511	1	GROUND JUMPER
10	8832-1047	5	SELF-TAPPING SCREW, 1/4-20x1/2
11	2486-1170	2	CLAMP
12	8368-3029	2	CIRCUIT BREAKER BRACKET

Item	Part No.	Qty.	Description Of Part
13	8594-1017	1	CLAMP
14	8688-3071	3	CIRCUIT BREAKER, 10 AMP
15	8698-1178	1	BUSS BAR
16	8698-3041	9	CIRCUIT BREAKER, 20 AMP
17	8698-1272	2	BUSS BAR
18	8832-1040	6	SELF-TAPPING SCREW, 1/4-20x5/8
19	7738-1556	1	ACCESSORY PANEL
20	8821-1040	1	SOCKET HD CAPSCREW, 1/4-20x3/4 GR8
21	7738-3410	4	RELAY
22	8368-3132	1	TERMINAL BLOCK
23	8668-3122	AR	TIE WRAP
24	2460-1710	2	CLAMP

https://truckmanualshub.com/

CAB & RELATED COMPONENTS
Accessory Panel Air Valves
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-86

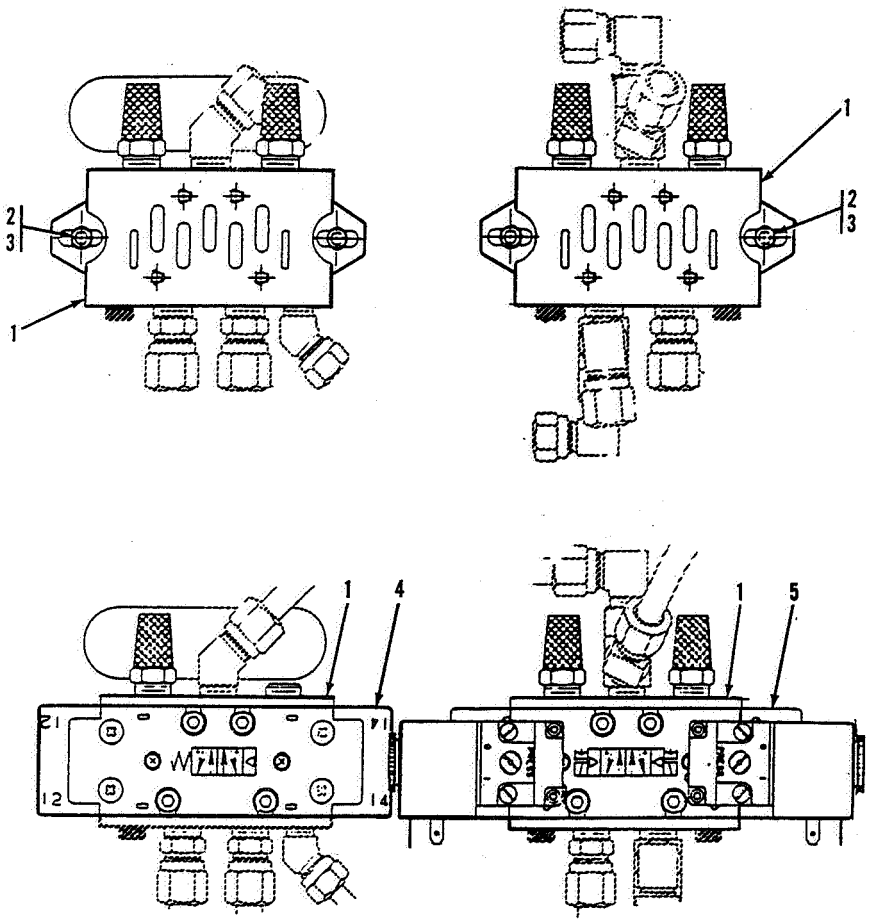


Item	Part No.	Qty.	Description Of Part
1	7736-3020	1	AIR VALVE BANK ASSY (includes all items)
2	7736-4047	3	AIR VALVE, SINGLE PILOT (includes items 4 thru 18)
3	7736-4048	1	AIR VALVE, DOUBLE PILOT (includes items 5, 9, 10, 11, (2) of item 13, 14, (2) of item 15, (4) of item 16, 17, 19 and 20)
	7736-4169	1	REPAIR KIT (includes items 5, 9, 14)-(used with items 2 & 3)
	7736-4170	1	REBUILD KIT (includes items 5, 7, 8, 9, 11, 12, 14)-(used with item #2 only)
	7736-4171	1	REBUILD KIT (includes items 5, 9, 11, 14, 19, 20)-(used with item #3 only)
4	7736-4049	1	OFFSET CAP
5	7736-4050	2	CAP GASKET
6	7736-4051	1	OFFSET SPRING
7	8852-1604	1	HEX LOCKNUT, #8-32
8	7736-4052	1	OFFSET SPRING PILOT

Item	Part No.	Qty.	Description Of Part
9	7736-4054	2	O RING
10	7736-4053	2	SEAT
11	7736-4055	2	POPPET
12	7736-4056	1	SPOOL STUD
13	7736-4057	1	PILOT PISTON
14	7736-4058	2	PISTON SEAL
15	7736-4059	1	PILOT CAP
16	8830-1574	2	FILLISTER HD MACHINE SCREW #10-32X5/8
17	7736-4060	1	VALVE BODY
18	8830-1573	2	FILLISTER HD MACHINE SCREW #10-32X1/2
19	7736-4061	1	SPOOL STUD
20	8852-4918	1	HEX SOCKET ALLEN NUT, #8-32

NOTE: SEE PAGE UN7-5 FOR LOCATION AND INSTALLATION OF AIR VALVE BANK.

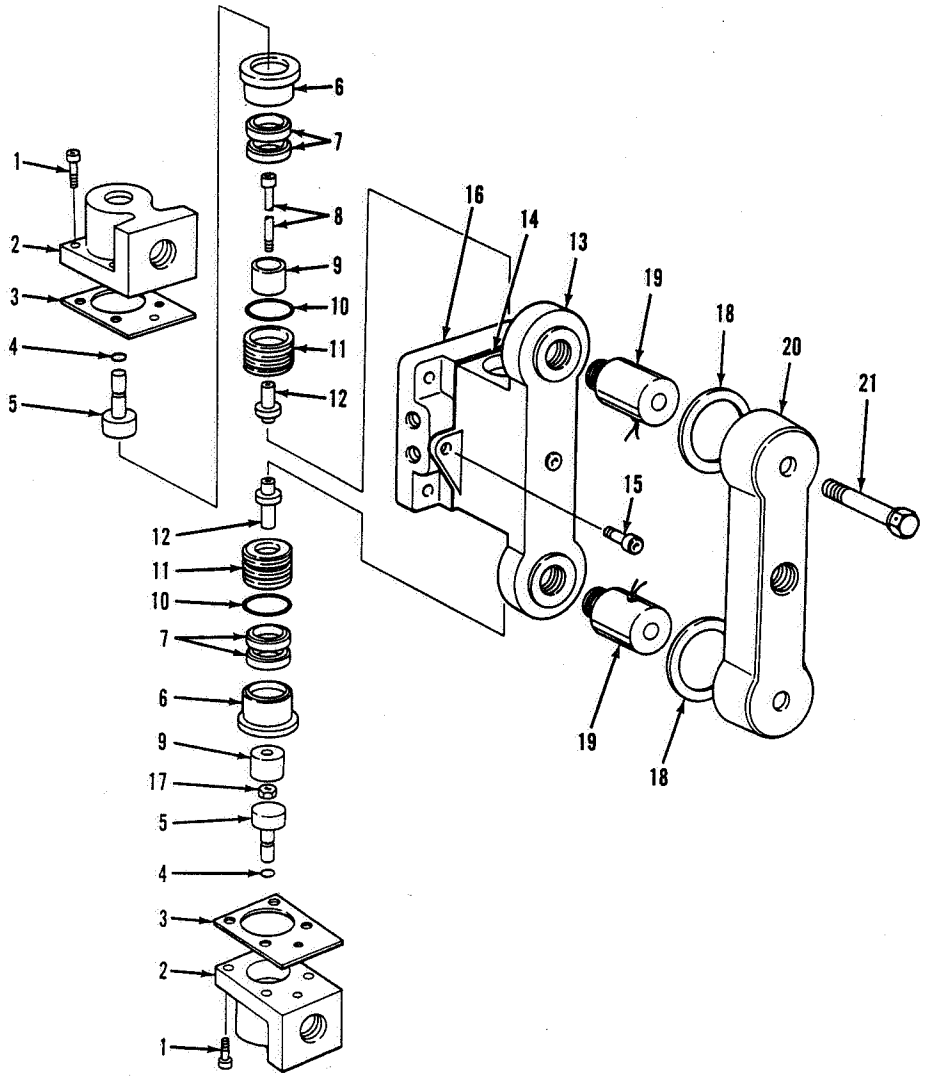
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Item	Part No.	Qty.	Description Of Part
	7738-4549	AR	RUBBER SEAL KIT (use kit with P/N 7738-3549 or P/N 7738-3574 4-way valves)
	7738-4548	AR	SOLENOID KIT (use kit with P/N 7738-3574 4-way valve only)
1	7738-3550	2	AIR MANIFOLD
2	8821-1030	4	SOCKET HD CAPSCREW, #10-32x3/4, GR8
3	8855-1104	4	LOCK WASHER, #10 (Hi-Collar)
4	7738-3549	1	FOUR-WAY AIR VALVE ASSY (includes mounting screws) (torque screws to 5 ft. lbs.)
5	7738-3574	1	FOUR-WAY AIR VALVE ASSY W/SOLENOIDS (includes mounting screws)(torque screws to 5 ft. lbs.)

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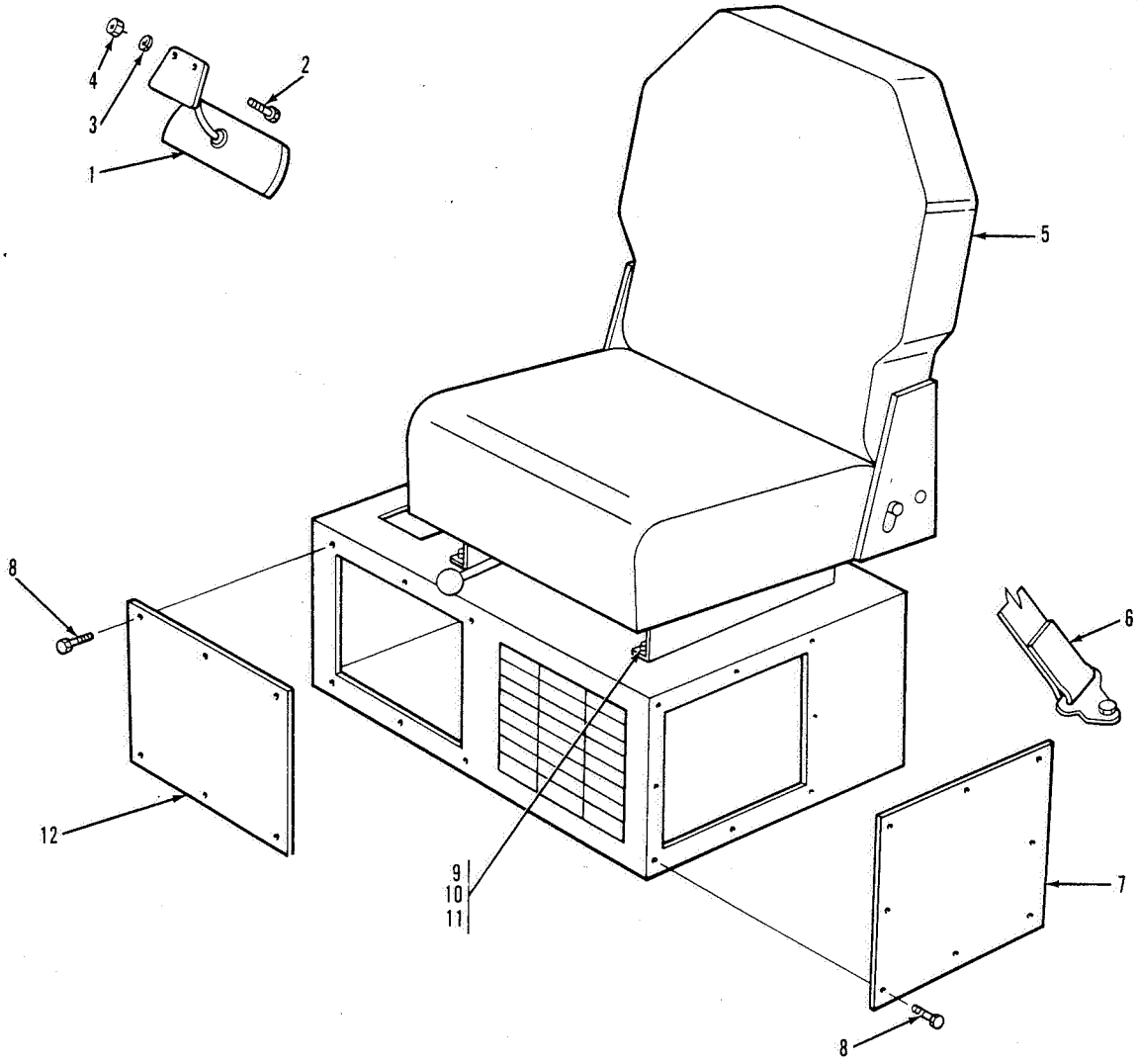
CAB & RELATED COMPONENTS
Accessory Panel 12 VDC Air Valve
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 3-88



Item	Part No.	Qty.	Description Of Part
	7736-3019	1	AIR VALVE ASSY, 12 VOLTS, D.C. (includes all items)
	7736-4246	1	SEAL KIT (includes items 7,8 9,10,12,14,17,18)
1	8821-1511	8	SOCKET HD CAPSCREW, #10-32x3/4 GR8
2	7736-4062	2	PILOT CAP, MANUAL OVERRIDE
3	7736-4063	2	CAP GASKET
4	7736-4064	2	O RING
5	7736-4065	2	OVERRIDE PIN
6	7736-4066	2	PISTON SEAL RING
7		4	PISTON SEAL
8		1	SPOOL STUD
9		2	PILOT PISTON
10		2	O RING
11	7736-4053	2	SEAT
12		2	POPPET
13	7736-4070	1	PILOT BODY
14		1	PILOT BASE GASKET
15	8821-1040	3	SOCKET HD CAPSCREW, 1/4-20x3/4 GR8
16	7736-4072	1	BASE
17		1	SPOOL NUT
18		2	TUCK COVER GASKET
19	7736-4074	2	SOLENOID
	7736-4075		SOLENOID COIL ONLY
20	7736-4076	1	PILOT TUCK COVER
21	7736-4077	2	PILOT VALVE NUT
			NOTE: SEE PAGE UN7-5 FOR LOCATION AND INSTALLATION OF AIR VALVE ASSEMBLY.
			NOTE: ONLY PART NUMBERED PARTS ARE AVAILABLE FOR SERVICE REPLACEMENT.

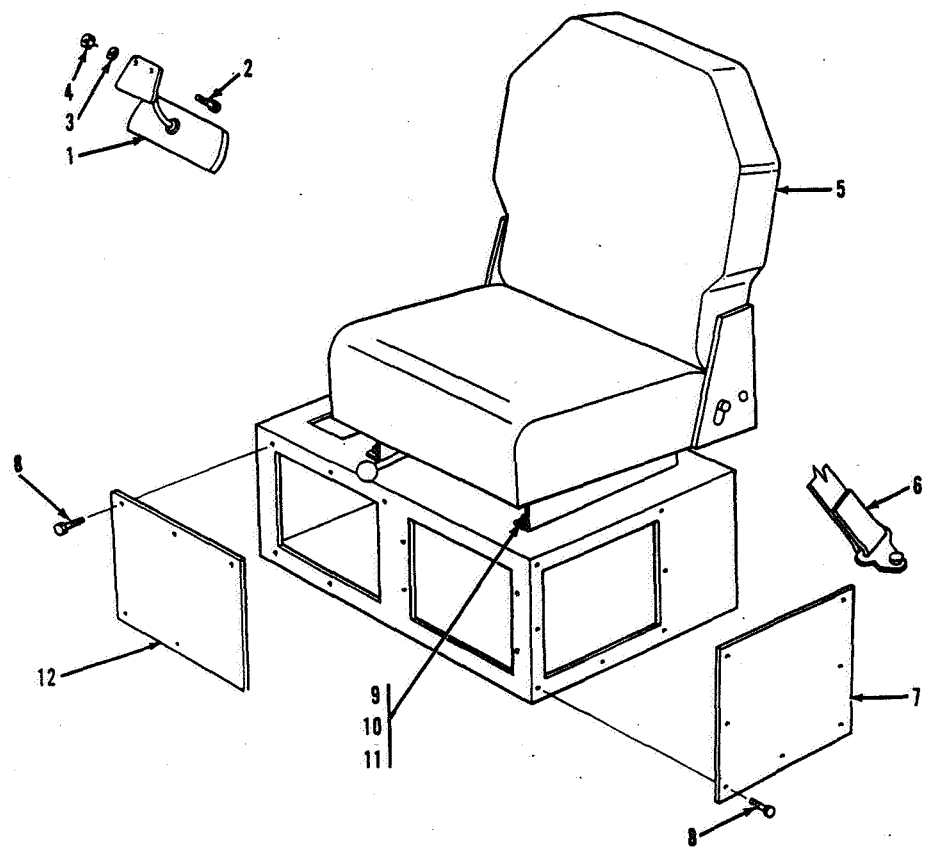
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CAB & RELATED COMPONENTS
Seat Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
1	8368-3278	1	SUN VISOR
2	8830-2090	2	ROUND HD MACHINE SCREW #10-24X1/2
3	8855-4917	2	LOCK WASHER, #10
4	8850-1612	2	HEX NUT, #10-24
5	8668-3499	1	SEAT ASSY
6	8688-3173	1	SEAT BELT KIT
7	7738-1029	1	COVER PLATE
8	8832-1039	14	SELF TAPPING SCREW, #10-32X1/2
9	8850-1005	4	HEX NUT, 5/16-18
10	8855-1010	4	LOCK WASHER, 5/16
11	8856-1003	4	FLAT WASHER, 5/16
12	7738-1030	1	COVER PLATE

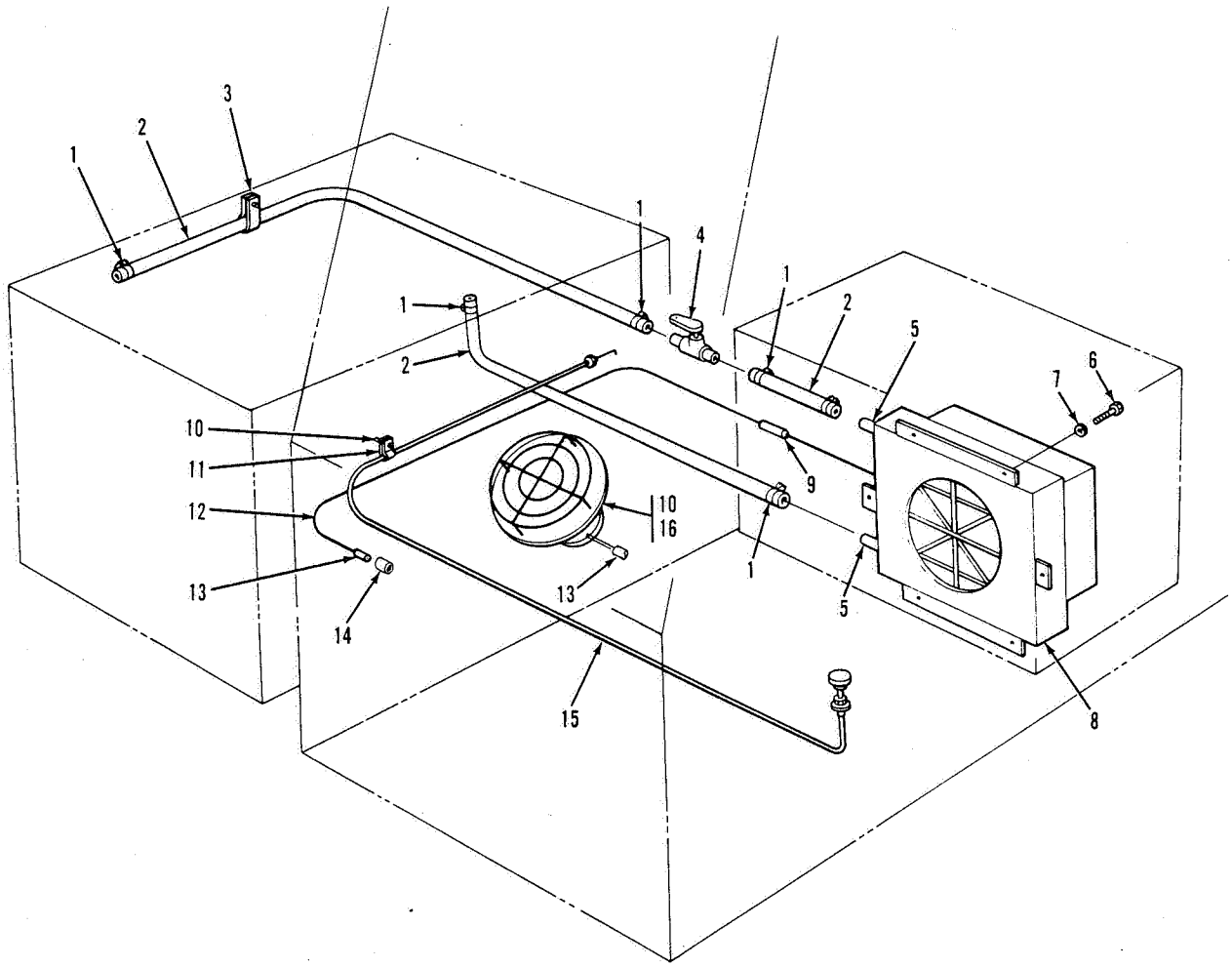
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Item	Part No.	Qty.	Description Of Part
1	8368-3278	1	SUN VISOR
2	8830-2090	2	ROUND HD MACHINE SCREW #10-24X1/2
3	8855-4917	2	LOCK WASHER, #10
4	8850-1612	2	HEX NUT, #10-24
5	8668-3499	1	SEAT ASSY
6	8688-3173	1	SEAT BELT KIT
7	7738-1029	1	COVER PLATE
8	8832-1039	14	SELF TAPPING SCREW, #10-32X1/2
9	8850-1005	4	HEX NUT, 5/16-18
10	8855-1010	4	LOCK WASHER, 5/16
11	8856-1003	4	FLAT WASHER, 5/16
12	7738-1030	1	COVER PLATE

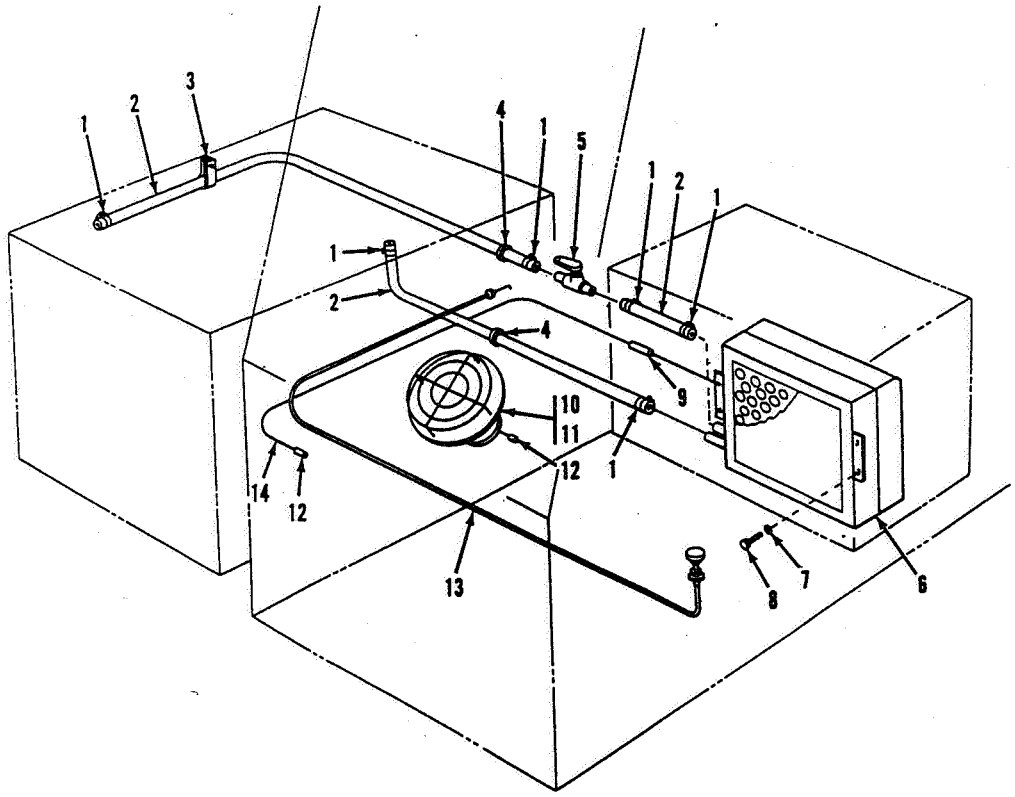
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CAB & RELATED COMPONENTS
Heater & Defroster Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
1	8667-1187	6	HOSE CLAMP
2		AR	HEATER HOSE, 1/2 I.D.
3	8594-1017	1	SUPPORT CLAMP
4	8368-3182	1	HEATER CONTROL VALVE
5	8870-2504	2	PIPE , 3/8 X2-1/2
6	8820-1518	4	HEX HD CAPSCREW, 5/16-24X7/8, GR5
7	8855-1010	4	LOCK WASHER, 5/16
8	8668-3169	1	HEATER ASSY
9	8668-3480	1	BUTT CONNECTOR
10	8832-1039	5	SELF TAPPING SCREW, #10-32X1/2
11	8866-1440	1	TUBE CLIP
12		AR	WIRE, 16 GA, YELLOW
13	8698-3193	2	BULLET TERMINAL
14	2460-1587	1	CONNECTOR
15	7738-3056	1	HEATER CONTROL CABLE
16	8668-3154	1	DEFROSTER

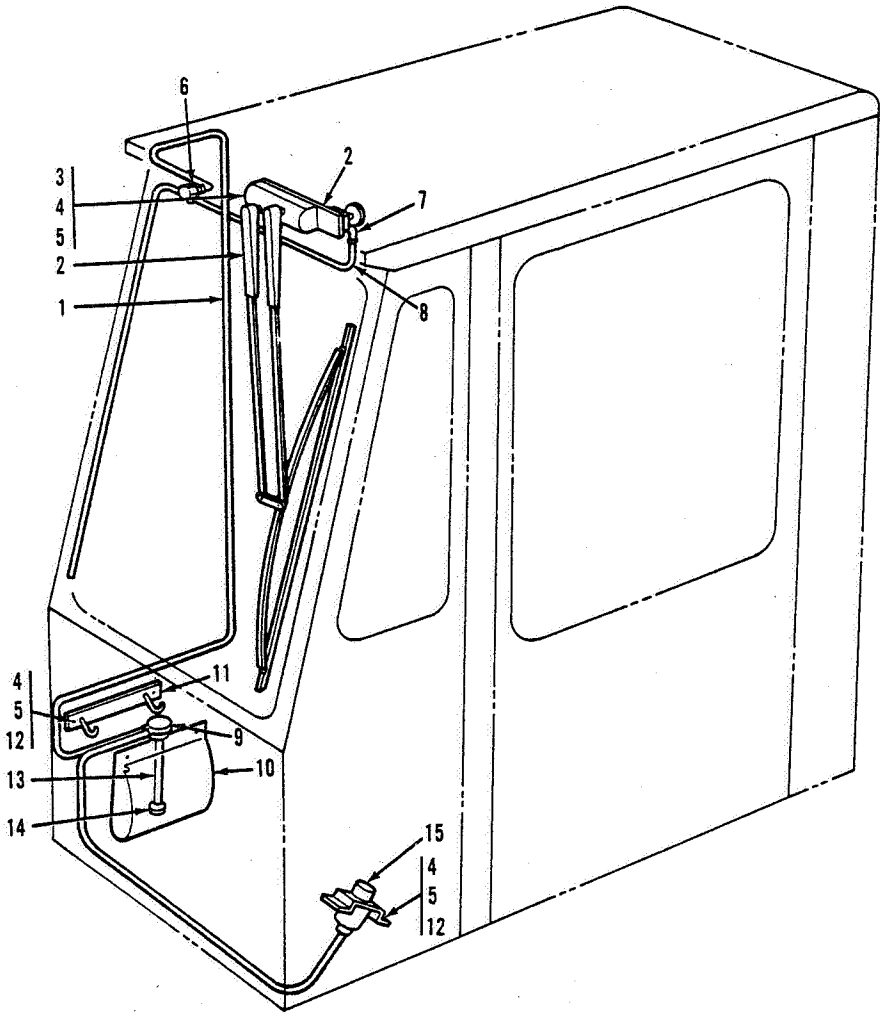
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Item	Part No.	Qty.	Description Of Part
1	8667-1187	6	HOSE CLAMP
2		AR	HEATER HOSE, 1/2 I.D.
3	8594-1017	1	SUPPORT CLAMP
4	8656-1279	2	GROMMET
5	8368-3182	1	HEATER CONTROL VALVE
6	8368-3480	1	HEATER ASSY
7	8855-1010	4	LOCK WASHER, 5/16
8	8820-1018	4	HEX HD CAPSCREW, 5/16-18X1-3/4 GR5
9	2460-1587	1	CONNECTOR
10	8832-1039	4	SELF-TAPPING SCREW, #10-32X1/2
11	8668-3154	1	DEFROSTER
12	8698-3193	2	BULLET TERMINAL
13	7738-3056	1	HEATER CONTROL CABLE
14		AR	WIRE, 16 GA., RED

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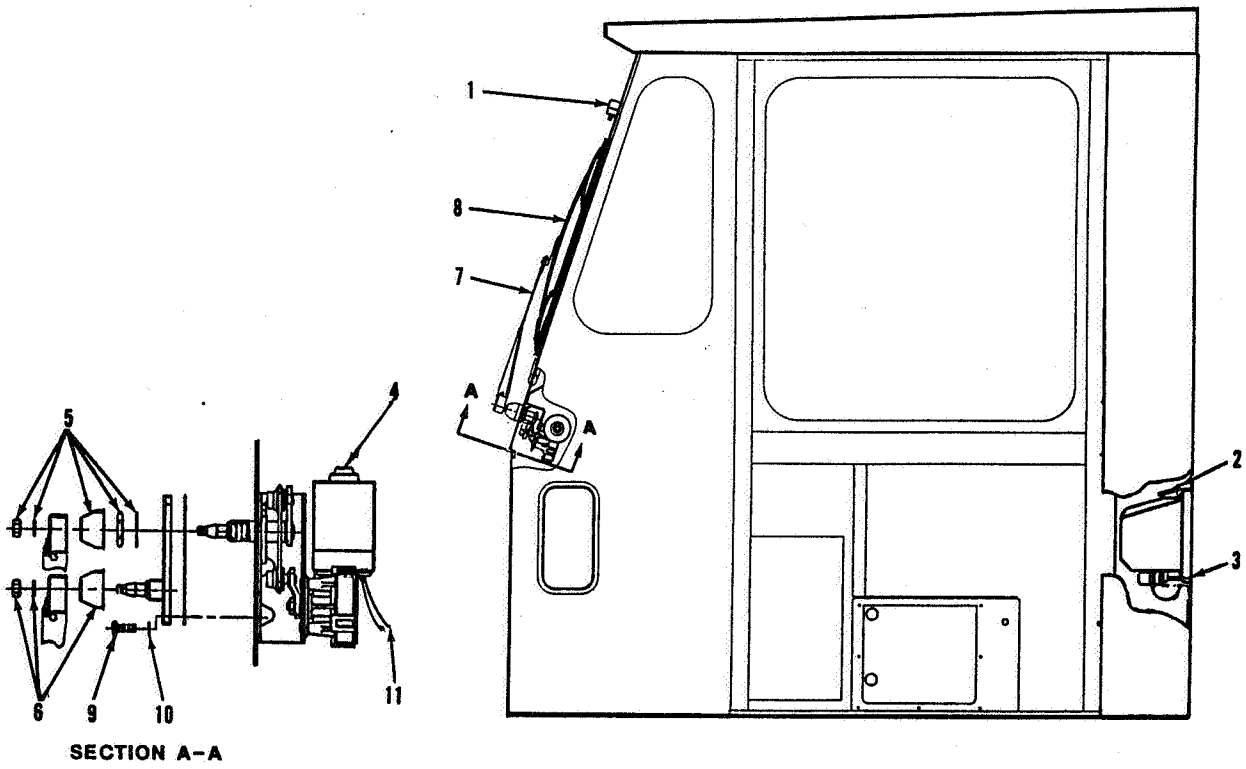
CAB & RELATED COMPONENTS
Windshield Wiper & Washer
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
1		AR	HOSE, 5/32 I.D.
2	8668-3125	1	WINDSHIELD WIPER ASSY
3	8830-2090	4	ROUND HD MACHINE SCREW #10-24X1/2
4	8855-4917	8	LOCK WASHER, #10
5	8850-1612	8	HEX NUT, #10-24
6	8668-3159	1	JET ASSY
7	8688-1273	1	MALE CONNECTOR, 1/8X1/4 TUBE
8		AR	TUBE, 1/4 O.D.
9	8668-3162	1	COVER & VALVE ASSY
10	8668-3157	1	WASHER RESERVOIR
11	8668-3161	1	MOUNTING BRACKET
12	8830-2092	4	ROUND HD MACHINE SCREW #10-24X5/8
13	8668-1481	1	HOSE
14	8668-3160	1	STRAINER ASSY
15	8668-3158	1	FOOT PUMP ASSY

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CAB & RELATED COMPONENTS
(Electric) Windshield Wiper & Washer
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D347
Original Issue 6-89
Revised 10-91

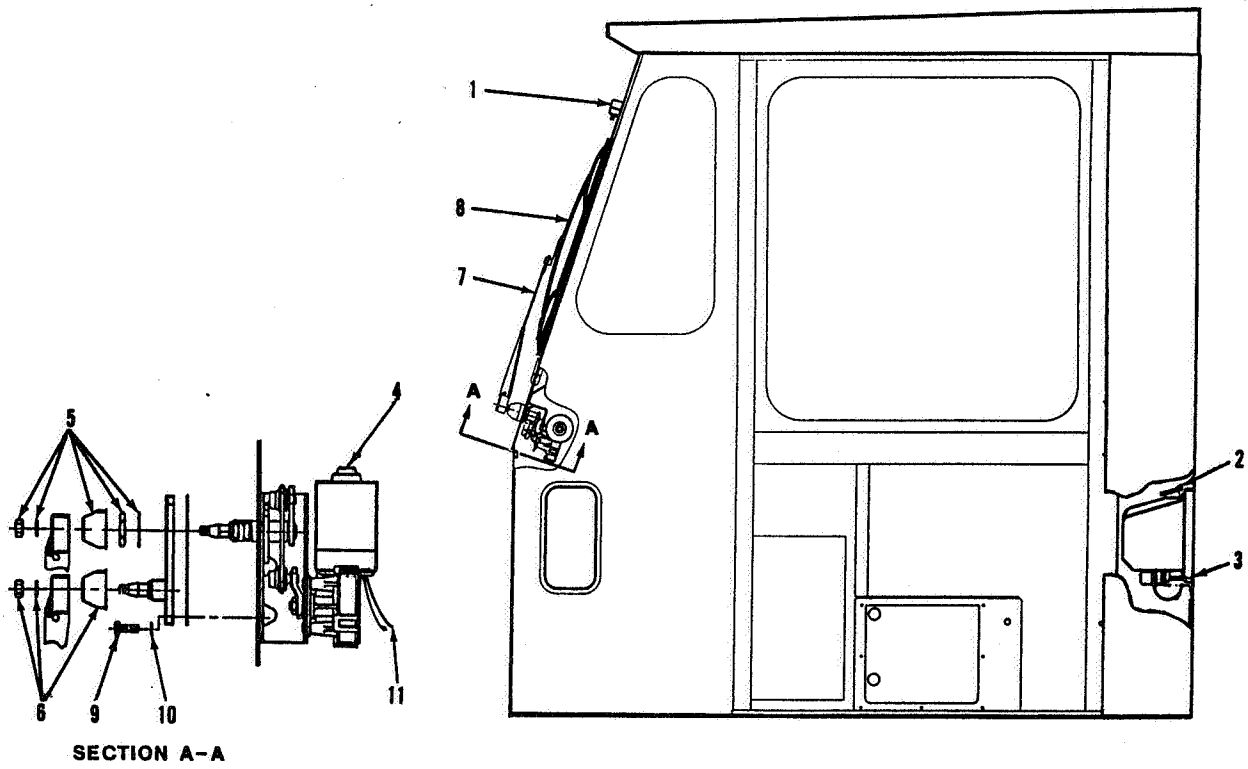


SECTION A-A

Item	Part No.	Qty.	Description Of Part
1	8368-3103	1	WASHER NOZZLE KIT (Kit includes mounting parts)
2	8368-3085	1	WASHER & BOTTLE ASSY (includes mounting screws)
3		AR	WASHER HOSE
4	8395-3036	1	ELECTRIC WIPER KIT (includes item 5)
5	8395-3047	1	HARDWARE KIT
6	8395-3048	1	SLAVE PIVOT KIT
7	8395-3049	1	PANTOGRAPH WIPER ARM ASSY
8	8395-3050	1	WIPER BLADE
9	8820-1502	1	HEX HD CAPSCREW, 1/4-28x3/4 GR5
10	8855-1009	1	LOCK WASHER, 1/4
11	8395-3039	1	WIRE HARNESS ASSY

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CAB & RELATED COMPONENTS
(Electric) Windshield Wiper & Washer
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 01D351
Original Issue 3-90
Revised 10-91

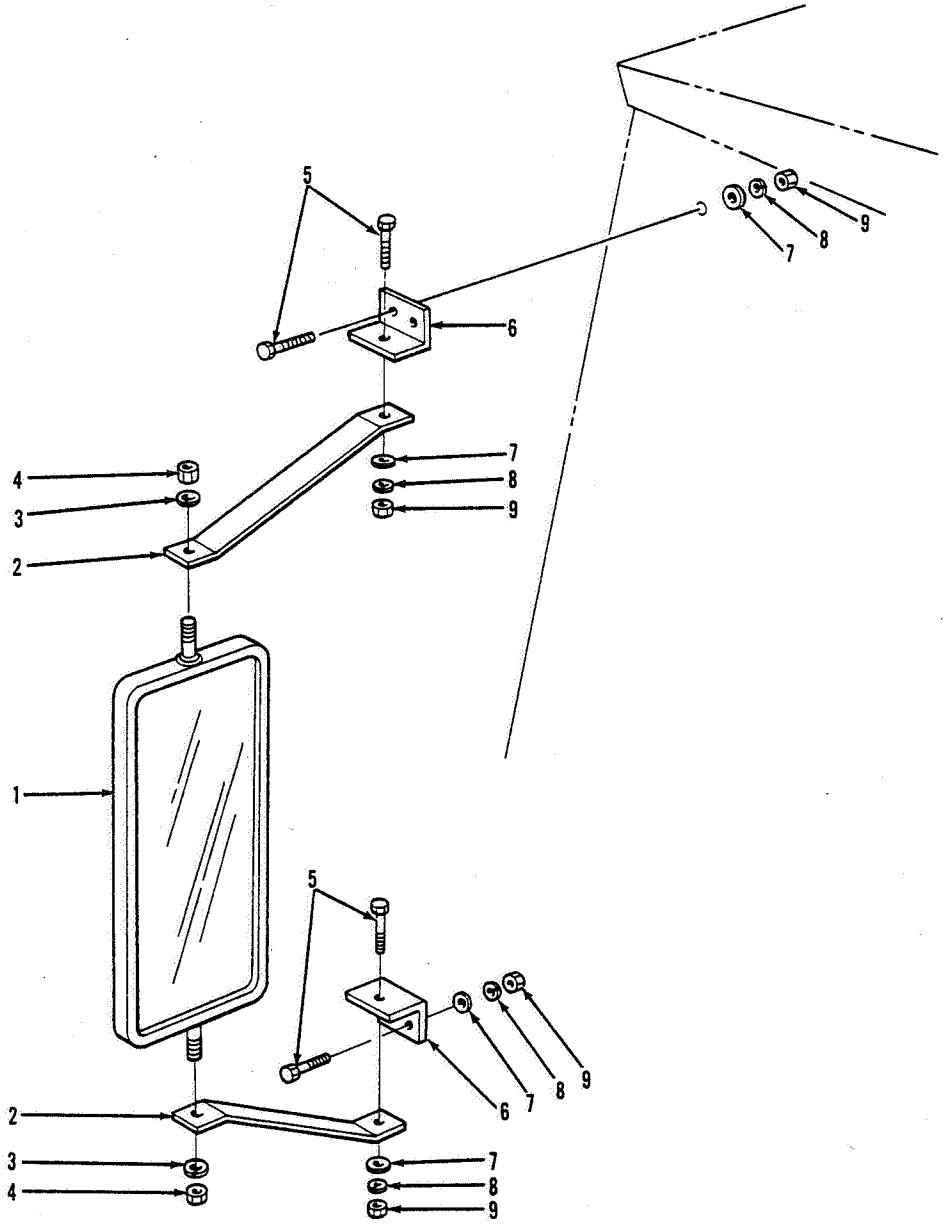


SECTION A-A

Item	Part No.	Qty.	Description Of Part
1	8368-3103	1	WASHER NOZZLE KIT (Kit includes mounting parts)
2	8368-3085	1	WASHER & BOTTLE ASSY (includes mounting screws)
3		AR	WASHER HOSE
4	8395-3036	1	ELECTRIC WIPER KIT (includes item 5)
5	8395-3047	1	HARDWARE KIT
6	8395-3048	1	SLAVE PIVOT KIT
7	8395-3049	1	PANTOGRAPH WIPER ARM ASSY
8	8395-3050	1	WIPER BLADE
9	8820-1502	1	HEX HD CAPSCREW, 1/4-28x3/4 GR5
10	8855-1009	1	LOCK WASHER, 1/4
11	8395-3039	1	WIRE HARNESS ASSY

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CAB & RELATED COMPONENTS
Rear View Mirror
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
1	8688-1635	1	REAR VIEW MIRROR
2	7738-1174	2	EXTENSION ARM
3	8855-1010	2	LOCK WASHER, 5/16
4	8850-1618	2	HEX NUT, 5/16-18
5	8820-1035	6	HEX HD CAPSCREW, 3/8-16X1, GR 5
6	7738-1182	2	MOUNTING BRACKET
7	8856-1004	6	FLAT WASHER, 3/8
8	8855-4929	6	LOCK WASHER, 3/8
9	8850-1620	6	HEX NUT, 3/8-16

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STEERING & COMPONENT ASSEMBLIES

Steering Column Assembly

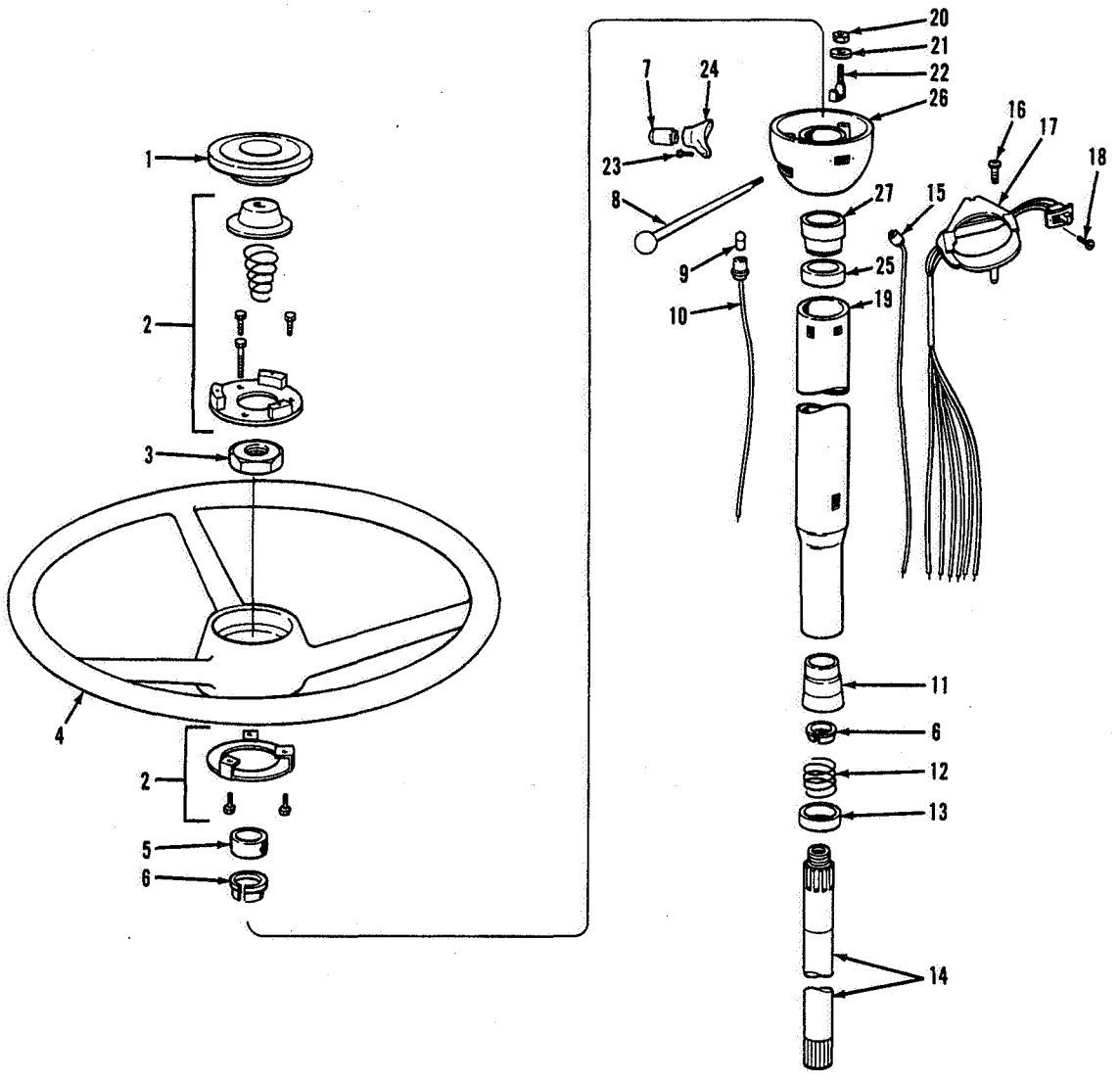
4 x 2 or 4 x 4 Undercarriage

6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel

Starting Serial No. 84D001

Original Issue 2-85

Revised 6-7-96



Item	Part No.	Qty.	Description Of Part
	8668-3422	1	STEERING COLUMN ASSY, (includes items 5 thru 27)
	8307-5010	1	REBUILD KIT, (includes items 5, 6, 11, 12, 13, 14, 19, 26, & 27)
1	8668-3425	1	HORN BUTTON
2	8668-3424	1	HORN BUTTON PARTS GROUP, (component parts not sold separately)
3	8307-1559	1	WHEEL NUT
4	8688-3131	1	STEERING WHEEL
5	8307-4405	1	SPACER
6	8307-1557	2	SEAT
7	8307-2170	1	COVER
8	8668-3423	1	LEVER
9	8668-3109	1	BULB
10	8307-2169	1	SOCKET ASSY
11	8307-4401	1	BEARING ASSY
12	8307-4403	1	SPRING

Item	Part No.	Qty.	Description Of Part
13	8307-4404	1	DUST CUP
14	8307-4402	1	WHEEL SHAFT
15	8307-2165	1	CONTACT BRUSH ASSY
16	8307-4364	2	PAN HD SCREW
*17	8307-2166	1	TURN/HAZARD FLASH SWITCH ASSY
18	8307-4489	2	PAN HD SCREW
19	8307-4488	1	JACKET TUBE ASSY, (includes items 20 thru 27)
20	8307-4362	2	LOCK NUT
21	8307-4363	2	FLAT WASHER
22	8307-2161	2	CLAMP BOLT
23	8307-4365	2	PAN HD SCREW
24	8307-2164	1	LIGHT HOUSING
25	8307-4490	1	REINFORCING RING
26	8307-2162	1	HOUSING ASSY, (includes item 27)
27	8307-2160	1	BEARING ASSY

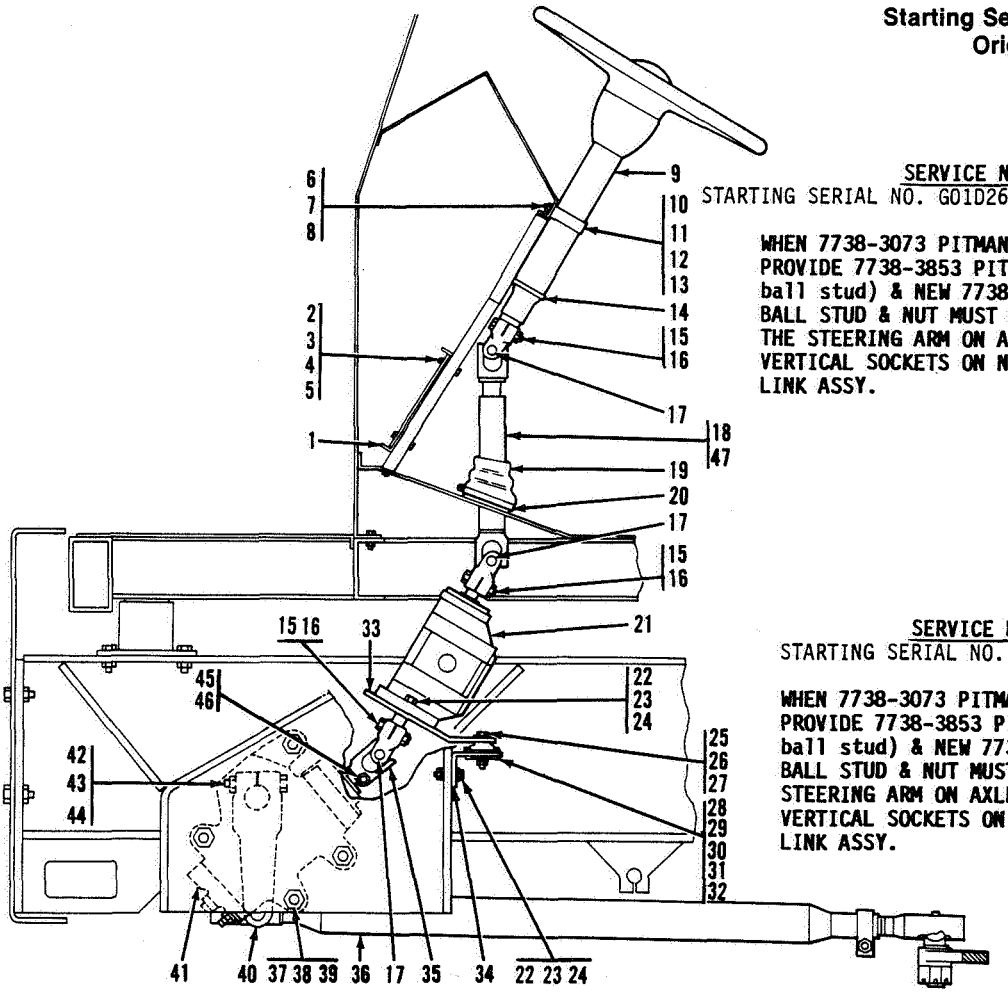
** - Changed description on item 17.*

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STEERING & RELATED ASSEMBLIES

Steering & Drive Shaft

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-93



SERVICE NOTE:
STARTING SERIAL NO. G01D262, G01D271 & G01D372

WHEN 7738-3073 PITMAN ARM IS ORDERED, PROVIDE 7738-3853 PITMAN ARM (without ball stud) & NEW 7738-3852 DRAGLINK. BALL STUD & NUT MUST BE REMOVED FROM THE STEERING ARM ON AXLE TO ACCOMMODATE VERTICAL SOCKETS ON NEW STYLE DRAG-LINK ASSY.

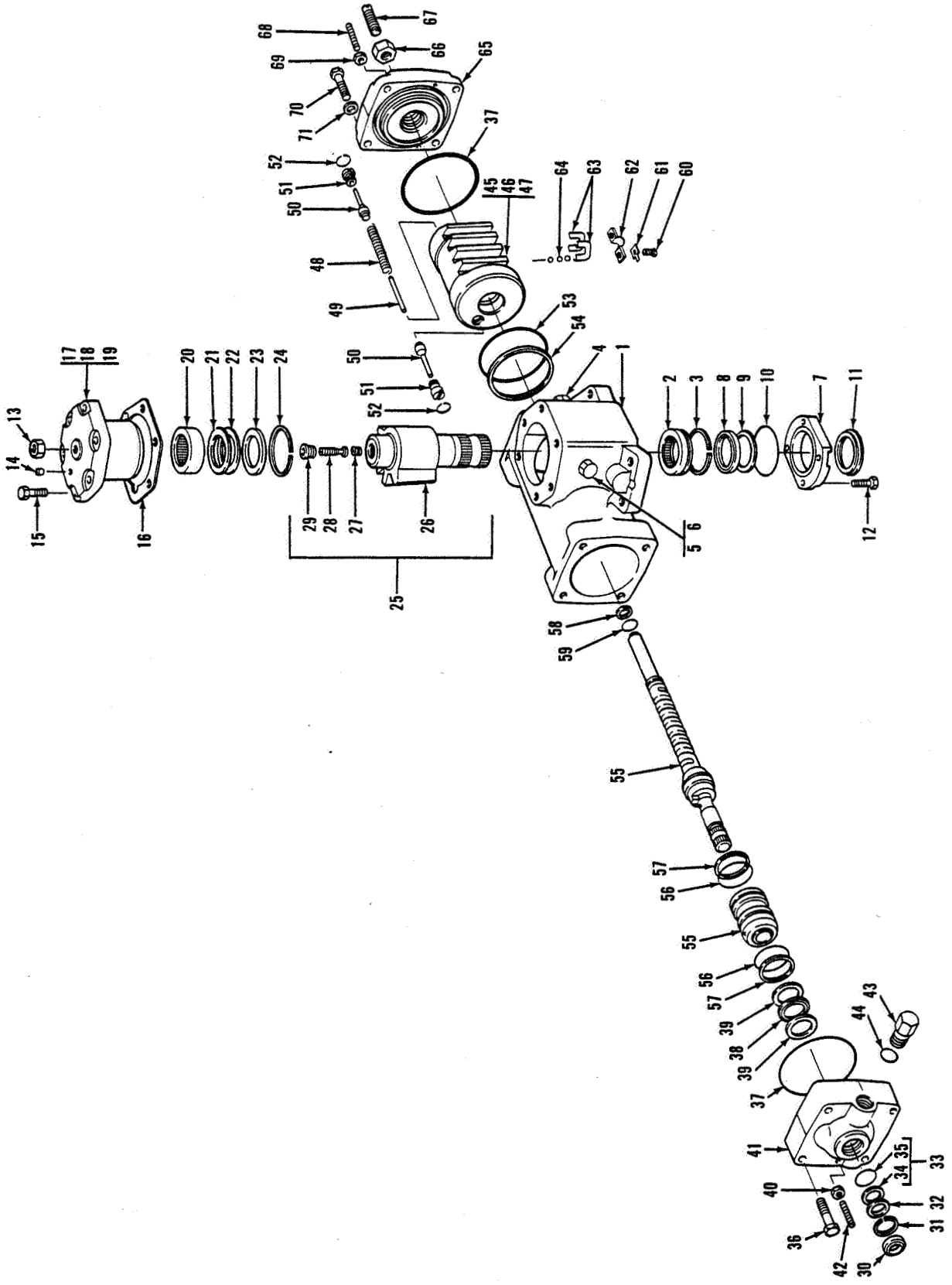
SERVICE NOTE:
STARTING SERIAL NO. 84D001 & G01D174

WHEN 7738-3073 PITMAN ARM IS ORDERED, PROVIDE 7738-3853 PITMAN ARM (without ball stud) & NEW 7738-3920 DRAGLINK. BALL STUD & NUT MUST BE REMOVED FROM STEERING ARM ON AXLE TO ACCOMMODATE VERTICAL SOCKETS ON NEW STYLE DRAG-LINK ASSY.

Item	Part No.	Qty.	Description Of Part
1	7738-1316	1	KICK PANEL
2	8820-1023	4	HEX HD CAPSCREW, 5/16-18X1-3/4 GR 5
3	8855-1010	4	LOCK WASHER, 5/16
4	8856-1003	4	FLAT WASHER, 5/16
5	8850-1005	4	HEX NUT, 5/16-18
6	8830-2162	2	ROUND HD MACHINE SCREW, 3/8-16X2
7	8855-4929	2	LOCK WASHER, 3/8
8	8850-1620	2	HEX NUT, 3/8-16
9		Ref	STEERING COLUMN ASSY (see page UN 8-1 for details)
10	8668-3189	2	LINER
11	8668-3188	2	INSULATOR
12	8698-1162	1	STRAP
13	8698-1161	1	BRACKET
14	8668-1474	1	CLAMP ASSY
15	8320-1057	3	HEX HD CAPSCREW
16	8852-1006	3	HEX LOCKNUT, 3/8-16
17	8368-3785	3	UNIVERSAL JOINT
18	7738-3071	1	DRIVE SHAFT ASSY (includes item 17)
19	7738-3198	1	STEERING HOLE BOOT
20	8511-1214	1	CLAMP
21		Ref	HYDRAULIC STEERING MOTOR (see page UN 8-8 for details)
22	8612-1186	4	HEX HD CAPSCREW
23	8852-1008	4	HEX LOCKNUT, 1/2-13
24	8856-1111	6	FLAT WASHER, 1/2
25	8820-1043	2	HEX HD CAPSCREW, 3/8-16 x 3, GR 5
26	8856-1109	4	FLAT WASHER, 3/8
27	8852-1006	2	HEX LOCKNUT, 3/8-16
28	7738-3241	2	LORD MOUNT
29	7738-3319	2	SNUBBER WASHER
30	8830-1093	8	ROUND HD MACHINE SCREW #10-24 x 3/4
31	8855-1007	8	LOCK WASHER, #10
32	8850-1612	8	HEX NUT, #10-24
33	7738-1317	1	MOUNTING PLATE
34	7738-1318	1	MOUNTING PLATE
35	7738-3072	1	YOKE ASSY (includes item 17)
36		Ref	STEERING DRAG LINK ASSY (see page UN 8-10 for details)
37	8320-1096	4	HEX HD CAPSCREW, 7/8-14x4, GR8
38	8850-1314	4	HEX NUT, 7/8-14
39	7738-3118	4	HARDENED WASHER
40	7738-3073	1	PITMAN ARM
41		Ref	STEERING GEAR ASSY (see pages UN 8-3 and UN 8-4 for details)
42	8320-1001	1	HEX HD CAPSCREW
43	8852-1012	1	HEX LOCKNUT, 3/4-10
44	8856-1115	1	FLAT WASHER, 3/4
45	8320-1109	1	HEX HD CAPSCREW
46	8852-1007	1	HEX LOCKNUT, 7/16-14
47	8822-1182	1	HEX SOCKET SET SCREW (Cup Point), 1/4-28 x 3/16

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STEERING & RELATED ASSEMBLIES
Steering Gear Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



SEE PAGE UN8-4 FOR PARTS LIST

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STEERING & RELATED ASSEMBLIES

Steering Gear Assembly

4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85

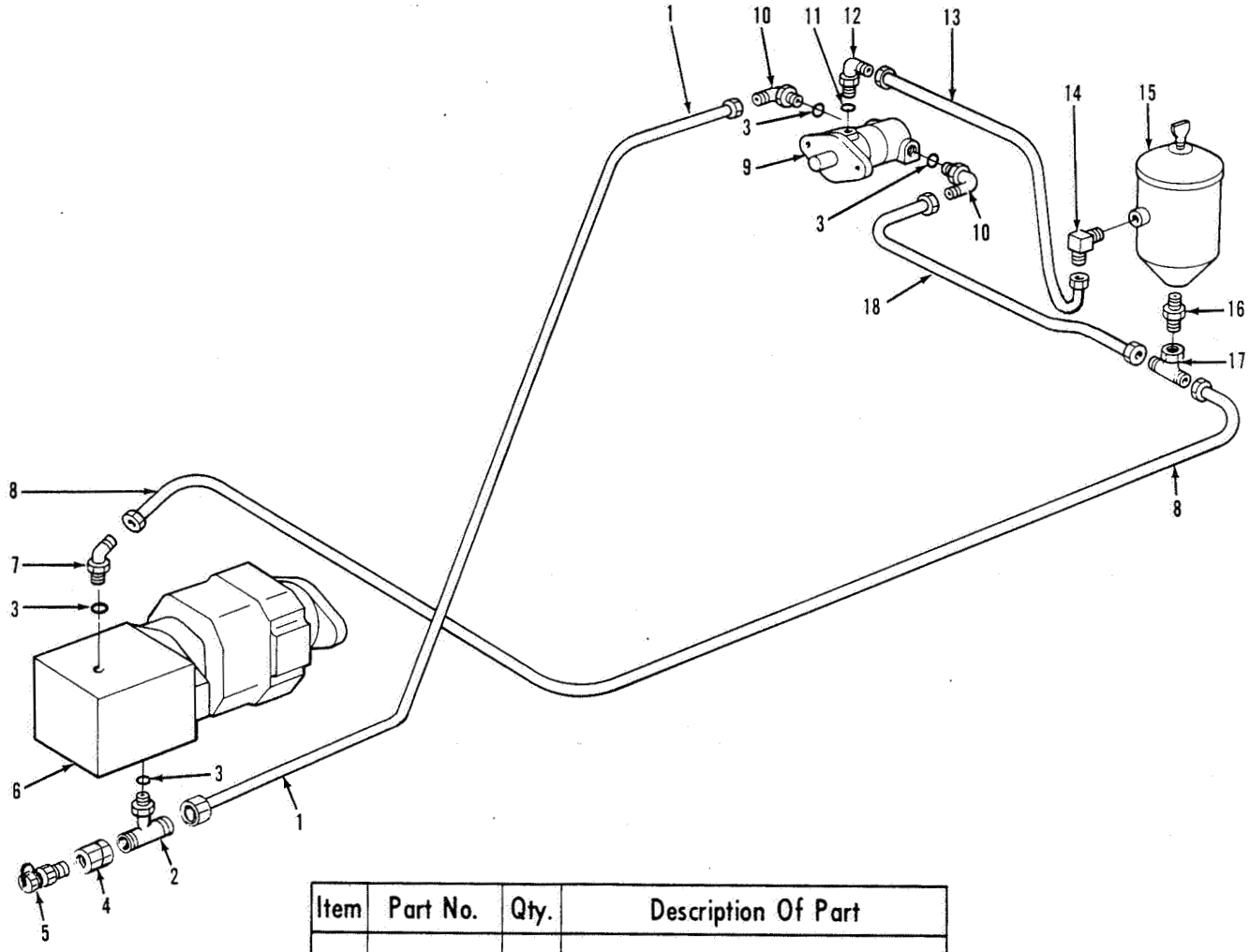
Item	Part No.	Qty.	Description Of Part
	7738-3008	1	STEERING GEAR ASSY (includes all items)
	8368-3918	1	SERVICE SEAL KIT (includes items 8, 10, 11, 14, 16, 23, 30, 34, 35, 37, 40, 53, 54, 56, 57, 58, 59, 66, 69)
1	7738-4273	1	HOUSING ASSY (includes items 2 thru 6)
2	7738-4274	1	ROLLER BEARING
3	8368-3891	1	RETAINING RING
4	7738-4275	1	BLEEDER SCREW
5	7738-4276	1	PLUG & O RING (includes item 6)
6	7738-4277	1	O RING
7	8368-3909	1	TRUNNION COVER ASSY (includes items 8, 9)
8		1	SEAL RING ASSY
9	8368-3911	1	WASHER
10		1	O RING
11	8368-3912	1	OIL SEAL
12	8368-3914	4	HEX HD CAPSCREW (lubricate and torque to 11-16 ft.lbs.)
13	7738-4278	1	HEX JAM NUT
14	8688-1514	1	PLUG
15	7738-4279	6	HEX HD CAPSCREW (lubricate and torque to 160-180 ft.lbs.)
16	8368-3900	1	GASKET
17	7738-4280	1	SHAFT & COVER ASSY (includes items 18 thru 29)
18	7738-4281	1	SIDE COVER ASSY (includes items 19 thru 24)
19		1	SIDE COVER
20	7738-4274	1	ROLLER BEARING
21	8368-3908	1	WASHER
22	8368-3907	1	WASHER
23	7738-4282	1	SEAL RING ASSY
24	8688-1520	1	RETAINING RING
25	7738-4283	1	SECTOR SHAFT ASSY (includes items 26 thru 29)
26		1	SECTOR SHAFT
27	7738-4284	1	THRUST INSERT
28	8368-3903	1	ADJUSTING SCREW
29	8307-3056	1	RETAINER
30	8368-3865	1	SEAL
31	8688-1474	1	RETAINING RING
32	8688-1475	1	BACK UP WASHER
33	8368-3868	1	SEAL ASSY (includes items 34, 35)
34		1	SEAL CUP
35		1	O RING
36	7738-4285	4	TORX HD BOLT (lubricate and torque to 75-85 ft.lbs.)
37	8368-3871	2	O RING
38	8688-1488	1	THRUST BEARING
39	8368-3872	2	THRUST WASHER
40	8368-3870	1	HEX NUT
41	8368-3869	1	VALVE HOUSING ASSY (includes check ball, spring, pin, plug ball and item 42)
42	8368-3917	1	ADJUSTING SCREW
43	7738-4276	1	PLUG & O RING (includes item 44)
44	7738-4277	1	O RING
45	7738-4286	1	WORM VALVE & RACK ASSY (includes items 46 thru 55)
46	7738-4287	1	RACK & BALL SERVICE ASSY (includes items 47 thru 54)
47		1	RACK PISTON
48	8368-3881	1	SPRING
49	8368-3880	1	ROD
50	8368-3879	2	POPPET
51	8368-3878	2	POPPET SEAT
52	8368-3877	2	RETAINING RING
53	8368-3876	1	O RING
54	8368-3875	1	SEAL RING
55	7738-4288	1	WORM & VALVE SERVICE ASSY
56	8368-3865	2	SEAL
57	8368-3884	2	SEAL RING
58	8368-3886	1	SEAL RING
59	8368-3887	1	O RING
60	7738-4289	2	HEX HD CAPSCREW
61	7738-4290	2	LOCK WASHER
62	7738-4291	1	CLIP
63	7738-4292	2	BALL RETURN GUIDE
64	8368-3888	1	BALL SERVICE ASSY (27 balls required - 34 furnished)
65	7738-4293	1	END COVER
66	8368-3893	1	NUT
67	7738-4294	1	ADJUSTING SCREW
68	8368-3896	1	ADJUSTING SCREW
69	8368-3895	1	NUT
70	7738-4295	4	TORX HD BOLT (lubricate and torque to 75-85 ft.lbs.)
71	8368-3898	4	WASHER

NOTE: SERVICE SEAL KIT INCLUDES PARTS FOR MORE THAN ONE TYPE OF CONSTRUCTION. SELECT THE PARTS REQUIRED FOR THIS STEERING GEAR, THEN DISCARD THE REMAINDER.

SEE PAGE UN8-3 FOR ILLUSTRATION

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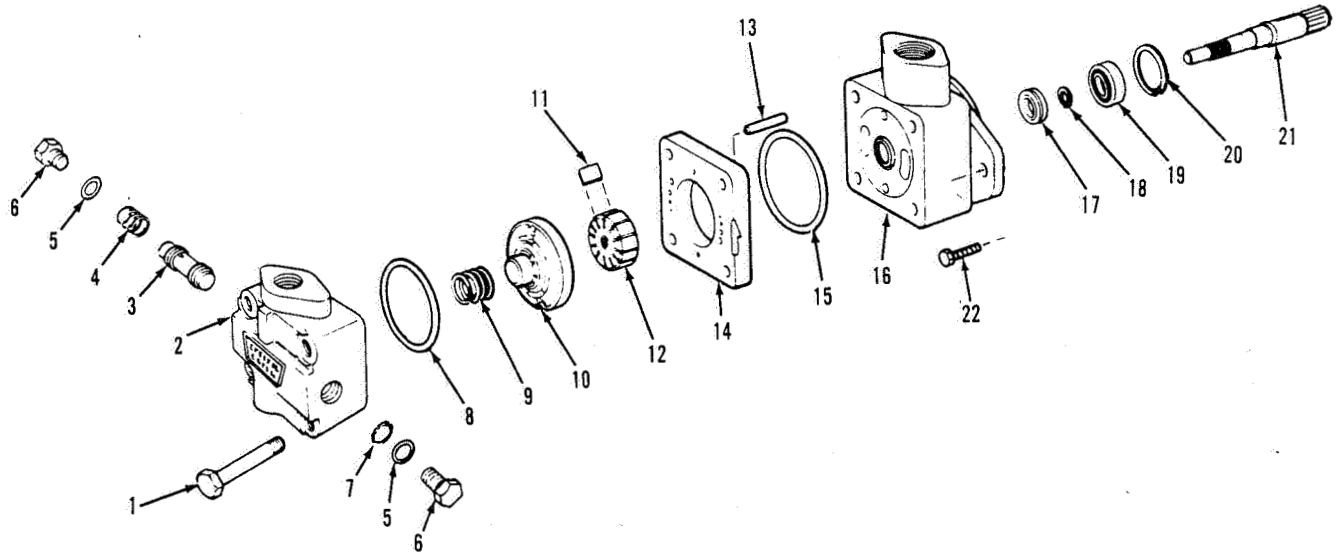
STEERING & RELATED ASSEMBLIES
Steering Gear Hydraulic Circuit
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85



Item	Part No.	Qty.	Description Of Part
1	7713-3193	1	HOSE ASSY
2	8866-2153	1	BRANCH TEE (includes item 3)
3	8859-1204	4	O RING
4	7724-1003	1	ADAPTER
5	7713-3089	1	MINI-CHECK COUPLING
6		Ref	STEERING GEAR ASSY (see page UN 8-3 for details)
7	8866-2085	1	ELBOW, 45 DEGREES (includes item 3)
8	8471-7455	1	HOSE ASSY
9		Ref	POWER STEERING PUMP ASSY (see page UN 8-6 for details)
10	8866-2065	2	ELBOW, 90 DEGREES (includes item 3)
11	8859-1209	1	O RING
12	8866-2061	1	ELBOW, 90 DEGREES (includes item 11)
13	8471-7451	1	HOSE ASSY
14	8874-3046	1	MALE ELBOW, 90 DEGREES 3/4X3/4 TUBE
15		Ref	POWER STEERING RESERVOIR ASSY (see page UN 8-7 for details)
16	7736-3079	1	ADAPTER
17	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
18	7713-3458	1	HOSE ASSY

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STEERING & RELATED ASSEMBLIES
Power Steering Pump Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 6-85

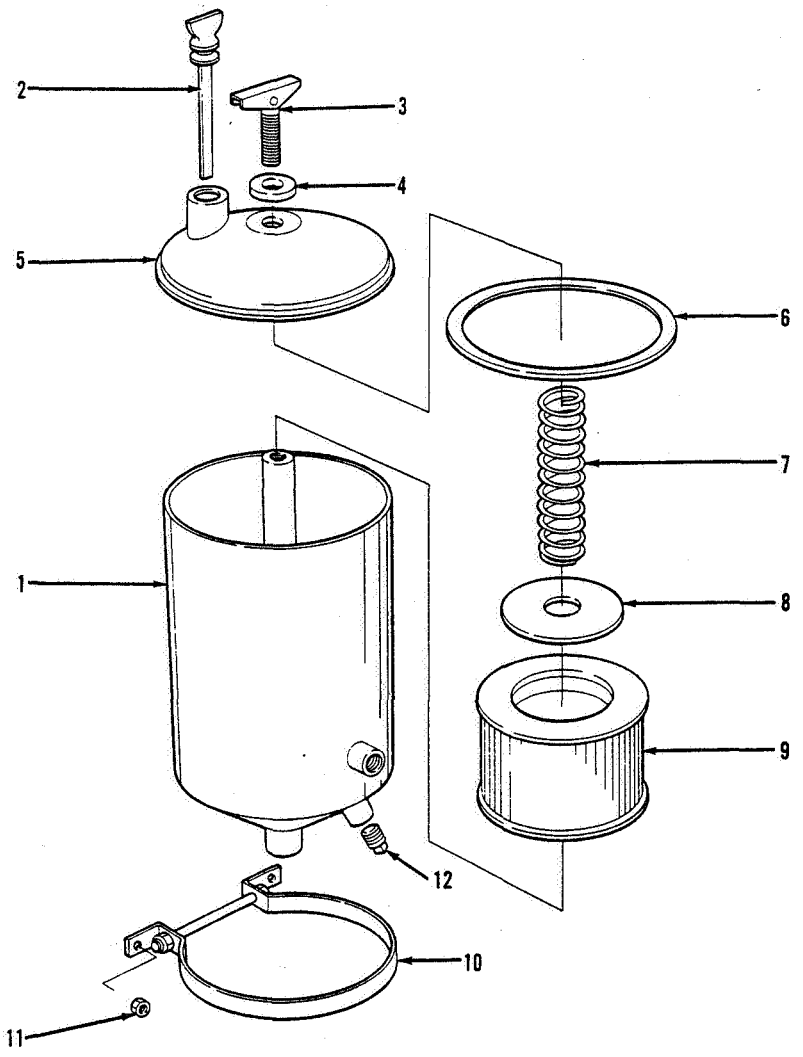


Item	Part No.	Qty.	Description Of Part
	7738-3065	1	POWER STEERING PUMP ASSY (includes all items except item 22)
	8367-4034	1	SEAL KIT (includes items 5, 8, 15, 17)
	7738-4019	1	CARTRIDGE KIT (includes items 8, 11, 12, 14, 15)
1	7738-4020	4	HEX HD CAPSCREW (lubricate and torque to 35-45 ft.lbs.)
2	7738-4021	1	COVER
3	7738-4022	1	CONTROL VALVE ASSY
4	8367-4038	1	SPRING
5	8511-1407	2	O RING
6	8367-4039	2	HEX HD PLUG
7	8367-4040	1	SNAP RING
8	8367-4041	1	O RING

Item	Part No.	Qty.	Description Of Part
9	8367-4042	1	SPRING
10	8367-4043	1	PRESSURE PLATE ASSY
11	7738-4023	1	VANE KIT (kit contains 12 vanes)
12	7738-4024	1	ROTOR
13	7738-4025	2	PIN
14	7738-4026	1	RING
15	8367-4048	1	O RING
16	8367-4049	1	BODY
17	8367-4050	1	SHAFT SEAL (seal must be bottomed against shoulder when installed)
18	8367-4051	1	RETAINING RING
19	8367-4026	1	BEARING
20	8367-4052	1	RETAINING RING
21	7738-4027	1	SHAFT
22	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR 5

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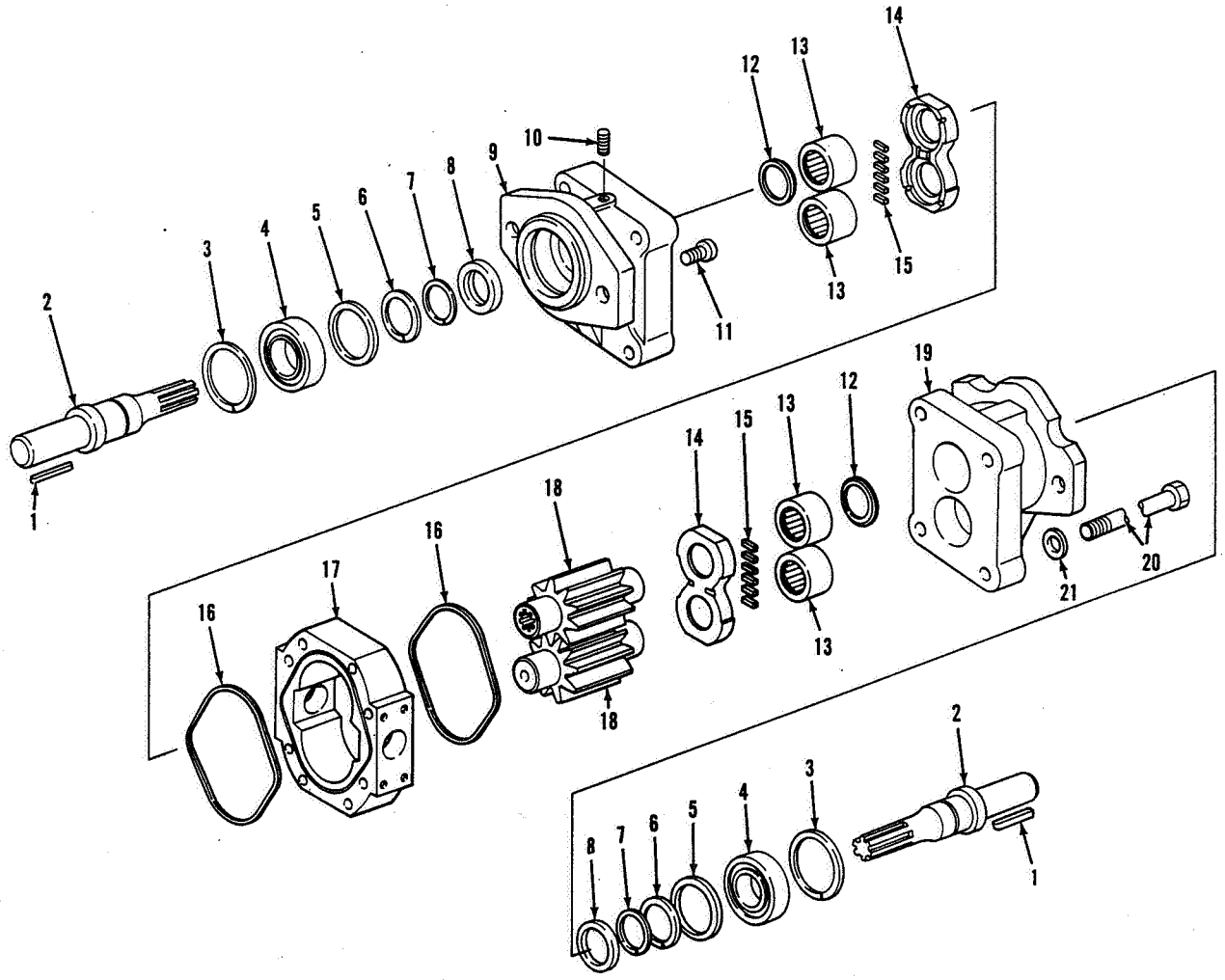
STEERING & RELATED ASSEMBLIES
Power Steering Pump Reservoir Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85



Item	Part No.	Qty.	Description Of Part
1	7738-3066	1	POWER STEERING RESERVOIR ASSY (includes all items except items 11, 12)
2	7738-4255	1	DIPSTICK
3	7738-4256	1	WINGSCREW
4	7738-4257	1	SEAL
5	7738-4258	1	COVER
6	7738-4259	1	GASKET
7	7738-4260	1	SPRING
8	7738-4261	1	BY-PASS SEAT
9	7738-4262	1	FILTER ELEMENT
10	7738-4263	2	MOUNTING BRACKET
11	7714-3006	4	HEX LOCKNUT
12	8871-1253	1	SQUARE HD PIPE PLUG, 1/2

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STEERING & RELATED ASSEMBLIES
Remote Steering Hydraulic Motor Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 7-89

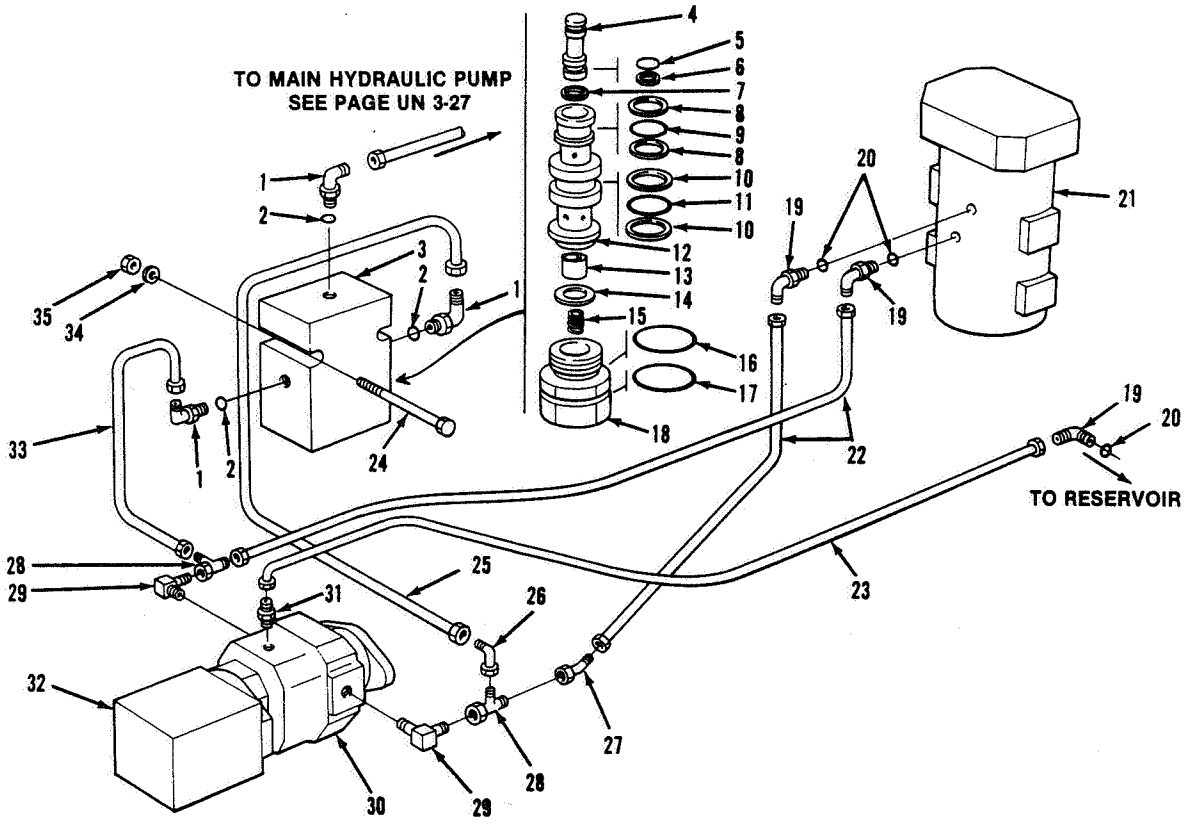


Item	Part No.	Qty.	Description Of Part
	7738-3001	1	REMOTE STEERING HYDRAULIC MOTOR ASSY (INCLUDES ALL ITEMS)
	7738-4597	1	SEAL & BEARING KIT (INCLUDES ITEMS 3 THRU 8 AND 12 THRU 16)
1	7738-4001	2	KEY
2	7738-4002	2	DRIVE SHAFT
3	7713-4079	2	SNAP RING
4	7738-4003	2	BALL BEARING
5	7713-4081	2	SEAL RETAINER
6	7738-4004	2	BEARING RETAINER RING
7	7738-4005	2	RETAINING RING
8	7738-4006	2	LIP SEAL
9	7738-4007	1	SHAFT END COVER

Item	Part No.	Qty.	Description Of Part
10	7713-4037	1	PLUG
11	7713-4085	2	CHECK ASSY
12	7713-4029	2	RING SEAL
13	7713-4030	4	ROLLED BEARING
14	8368-4106	2	THRUST PLATE
15	7736-4034	1	POCKET SEAL STRIP
16	7713-4034	2	GASKET SEAL
17	7738-4008	1	GEAR HOUSING
18	7738-4009	1	GEAR SET
19	7738-4010	1	PORT END COVER
20	7713-4089	4	HEX HD CAPSCREW
21	8594-1043	4	FLAT WASHER

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STEERING & RELATED COMPONENTS
Remote Steering Hydraulic Circuit
4 x 2 or 4 x 4 Undercarriage
6BTA 5.9 Cummins Engine
Starting Serial No. 84D001
Original Issue 2-85
Revised 4-93

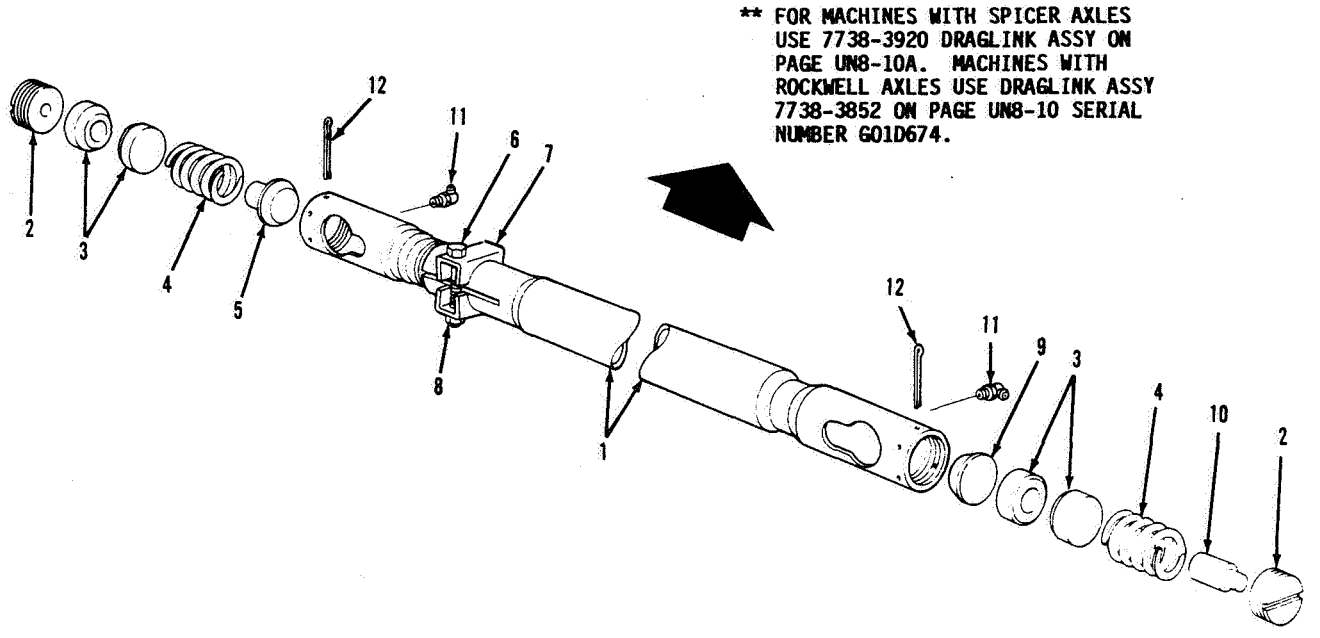


Item	Part No.	Qty.	Description Of Part
	7738-5053	1	HYDRAULIC VALVE ASSY (includes items 1 thru 18)
	7738-3847	1	HYDRAULIC VALVE ASSY (includes items 3 thru 18)
	7738-4755	1	CARTRIDGE ASSY (includes items 4 thru 18)
	7738-4411	1	SEAL KIT (includes items 8, 9, 10, 11 & 17)
1	8866-2064	3	ELBOW, 90 DEGREES (includes item 2)
2	8859-1204	3	O-RING
3	7738-4412	1	VALVE MANIFOLD
4		1	SPOOL
5		1	O-RING
6		1	BACK-UP WASHER
7		1	SPRING RING
8		2	BACK-UP WASHER
9		1	O-RING
10		2	BACK-UP WASHER
11		1	O-RING
12		1	CAGE
13		1	SPRING GUIDE
14		1	SEALING WASHER
15		1	SPRING
16		1	O-RING
17		1	O-RING
18		1	RETAINER

Item	Part No.	Qty.	Description Of Part
19	8866-2064	3	ELBOW, 90 DEGREES (includes item 20)
20	8859-1204	3	O-RING
21		Ref	CENTER PIN ASSY (see page UP4-2 for details)
22	8471-7453	2	HOSE ASSY
23	8471-7467	1	HOSE ASSY
24	8820-1010	2	HEX HD CAPSCREW, 1/4-20X2-1/4, GR5
25	7736-3127	1	HOSE ASSY
26	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
27	8866-2119	1	ELBOW, 45 DEGREES (swivel nut)
28	8866-2239	2	SWIVEL NUT RUN TEE
29	8866-1110	2	MALE ELBOW, 90 DEGREES, 1/2X3/8 TUBE
30		Ref	REMOTE STEERING HYDRAULIC MOTOR ASSY (see page UN8-8 for details)
31	8874-3002	1	ADAPTER
32		Ref	STEERING GEAR ASSY (see page UN8-3 for details)
33	7736-3126	1	HOSE ASSY
34	8856-1002	2	FLAT WASHER, 1/4
35	8850-1004	2	HEX NUT, 1/4-20
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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STEERING & RELATED ASSEMBLIES
Steering Drag Link Assembly
4 x 2 or 4 x 4 Undercarriage
6BT5.9 Cummins Diesel or 8.2 Liter Detroit Diesel
Starting Serial No. 84D001
Original Issue 2-85
Revised 5-93



SERVICE NOTE:
STARTING SERIAL NO. 84D001 & G01D174

WHEN 7738-3070 DRAGLINK IS ORDERED, PROVIDE 7738-3920 DRAGLINK & 7738-3853 PITMAN ARM (without ball stud) BALL STUD & NUT MUST BE REMOVED FROM STEERING ARM ON AXLE TO ACCOMMODATE VERTICAL SOCKETS ON NEW STYLE DRAG-LINK ASSY.

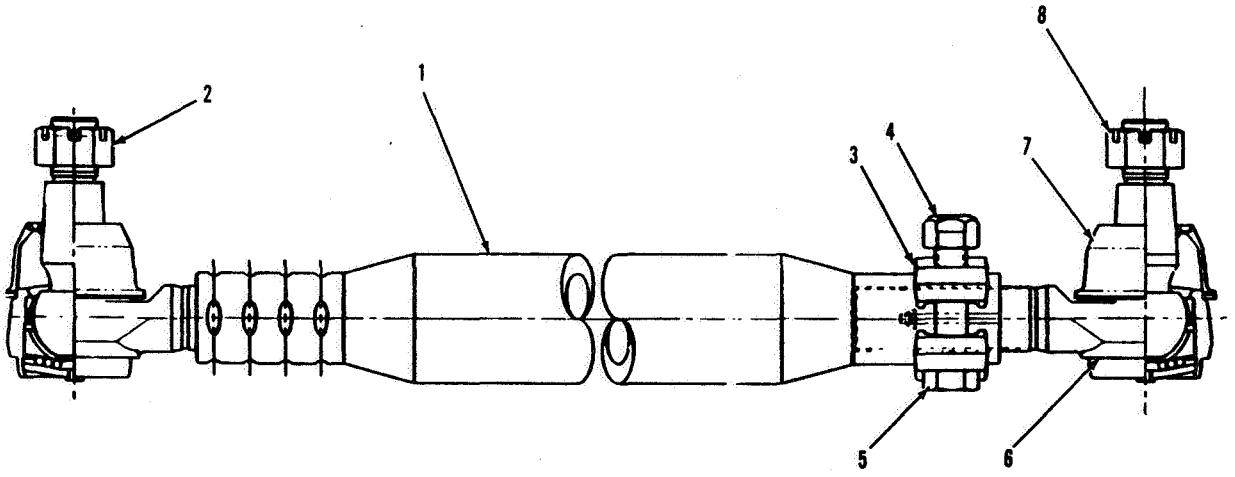
SERVICE NOTE:
STARTING SERIAL NO. G01D262, G01D271 & G01D372

WHEN 7738-3070 DRAGLINK IS ORDERED, PROVIDE 7738-3852 DRAGLINK & NEW 7738-3853 PITMAN ARM (without ball stud) BALL STUD & NUT MUST BE REMOVED FROM STEERING ARM ON AXLE TO ACCOMMODATE VERTICAL SOCKETS ON NEW STYLE DRAG-LINK ASSY.

Item	Part No.	Qty.	Description Of Part
1		1	DRAG LINK ASSY (NO LONGER AVAILABLE) SEE NOTE **
2	8307-4345	2	PLUG
3	8307-4348	4	BEARING
4	8307-4347	2	SPRING
5	8368-4215	1	BUMPER
	8368-4216	1	CLAMP ASSY (includes items 6, 7 & 8)
6	8368-4217	1	HEX HD CAPSCREW
7	8368-4219	1	CLAMP
8	8368-4218	1	HEX NUT
9	8307-4349	1	SEAT
10	8307-4346	1	BUMPER
11	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8
12	8863-1341	2	COTTER PIN, 3/16X2-1/2

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STEERING & RELATED COMPONENTS
(7738-3920) Steering Drag Link Assembly
Spicer Front Drive Axle
"For Service Only"
Original Issue 5-93



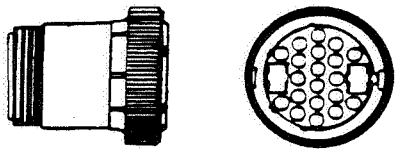
SERVICE NOTE:
STARTING SERIAL NO. 84D001 & G01D174

WHEN 7738-3070 DRAGLINK IS ORDERED, PROVIDE 7738-3920 DRAGLINK & 7738-3853 PITMAN ARM (without ball stud) BALL STUD & NUT MUST BE REMOVED FROM STEERING ARM ON AXLE TO ACCOMMODATE VERTICAL SOCKETS ON NEW STYLE DRAG-LINK ASSY.

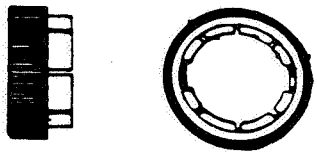
Item	Part No.	Qty.	Description Of Part
	7738-3920	1	DRAG LINK ASSY (includes all items)
1	7738-4759	1	BENT TUBE ASSY W/SOCKET END STAKED IN (includes items 2, 3, 4 & 5)
2	7738-4760	1	HEX CASTLE NUT (torque to 100-125 ft.lbs.)
3		1	CLAMP
4		1	BOLT, 5/8-11X2-1/2, GR5
5		1	LOCKNUT, 5/8 (torque to 80-90 ft.lbs.)
6	7738-4762	1	ADJUSTABLE SOCKET END (includes items 7 & 8)
7	7738-4763	1	SLIDING SEAL COVER
8	7738-4761	1	HEX CASTLE NUT (torque to 90-100 ft.lbs.)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

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ELECTRICAL CONNECTORS



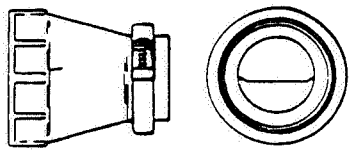
DESCRIPTION: CONNECTOR
AMP NO. 206612-1



DESCRIPTION: LOCK RING
AMP NO. 206251-1
GRADALL NO. 7738-4489



DESCRIPTION: CONNECTOR SEAL
GRADALL NO. 7738-3271



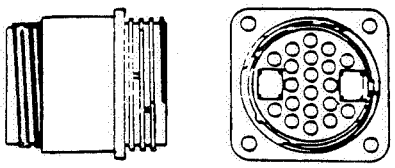
DESCRIPTION: STRAIN RELIEF
AMP NO. 206138-1

AMP Products
Berwyn Pa.
(215) 647-1000

AMP Products
Scaumberg, Ill.
(312) 351-5020

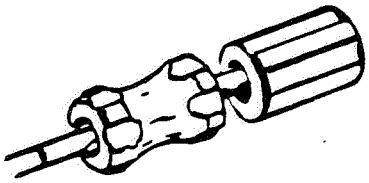
AMP Products
Irving, Texas
(214) 550-1114

AMP Products
Compton, Ca.
(213) 537-4490

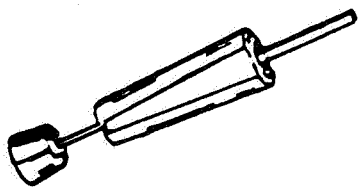


DESCRIPTION: CONNECTOR
AMP NO. 206613-1

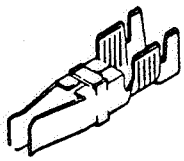
Contact AMP Distributor nearest you for information on parts not stocked by Gradall.



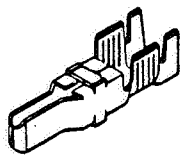
DESCRIPTION: EXTRACTOR TOOL
AMP NO. 91019-3



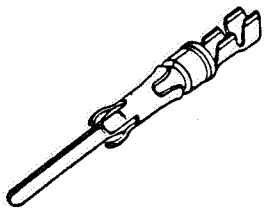
DESCRIPTION: EXTRACTOR TOOL
AMP NO. 305183



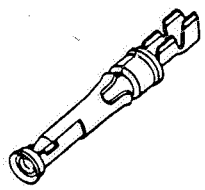
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AMP NO. 66257-1
GRADALL NO. 7738-3264



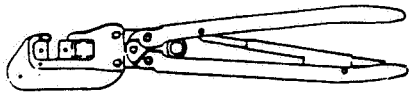
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AMP NO. 66259-1
GRADALL NO. 7738-3263



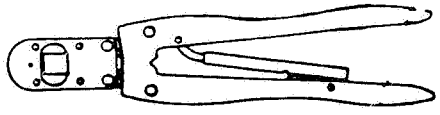
DESCRIPTION: CONTACT
AMP NO. 66602-1
GRADALL NO. 7738-3036



DESCRIPTION: CONTACT
AMP NO. 66601-1
GRADALL NO. 7738-3037



DESCRIPTION: CRIMPING TOOL USE WITH DIE
AMP NO. 69710-1 90140-1



DESCRIPTION: CRIMPING TOOL
AMP NO. 90208-1

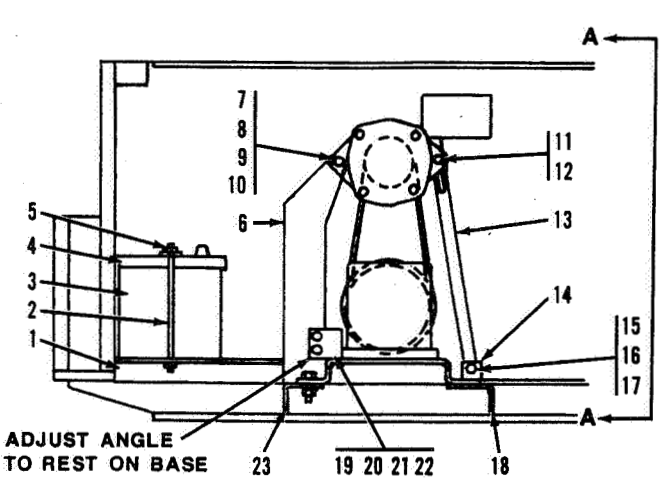
https://truckmanualshub.com/

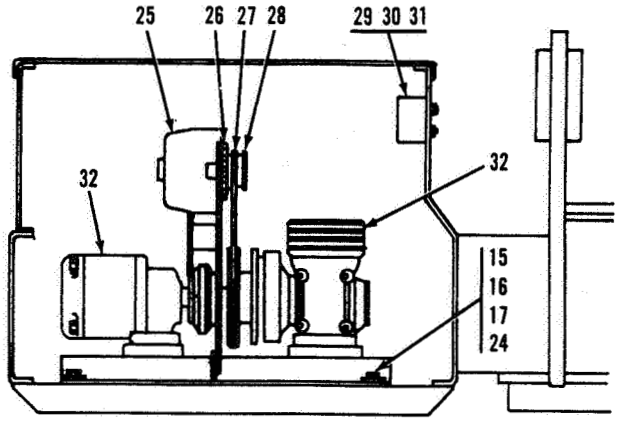
	Part Number/ Page Number
Air Conditioner (Upperstructure)	7734-5017
Air Conditioner (Undercarriage)	7738-3353
Air Seat (Undercarriage)	7738-5126
Alternator, 105 Amp (Undercarriage)	7738-3358 & 7738-3359
Dome Light (Upperstructure)	8364-5034
Engine Shutdown (Undercarriage)	7738-5163
Floodlight (Upperstructure)	7734-5007
Heater (Propane) - (Upperstructure)	7734-5008
Hydraulic Heater (Upperstructure)	7734-5022
Lexan Cab Glass (Upperstructure)	8366-5067
Quickstart (Undercarriage)	7738-9018
Seat Belt Kit (Upperstructure & Undercarriage)	8688-3173
Spark Arrestor (Undercarriage)	7738-5040
T-Bar Seat (Upperstructure)	8368-3086
Tool Box (Upperstructure).	8364-5059
Tow Eye (Undercarriage)	7738-9040
Turbo II Pre-Cleaner (Undercarriage)	7738-5174
Vandal Kit (Upperstructure)	7733-5004
Vandal Kit (Undercarriage)	7733-5003
Warning Light (Upperstructure)	8364-5082
Water Heater (Undercarriage)	7738-9020
Window Cover (Upperstructure)	7733-5002
Window Cover (Undercarriage)	8368-5227
Wiper & Washer (Single) - (Upperstructure)	7734-9002

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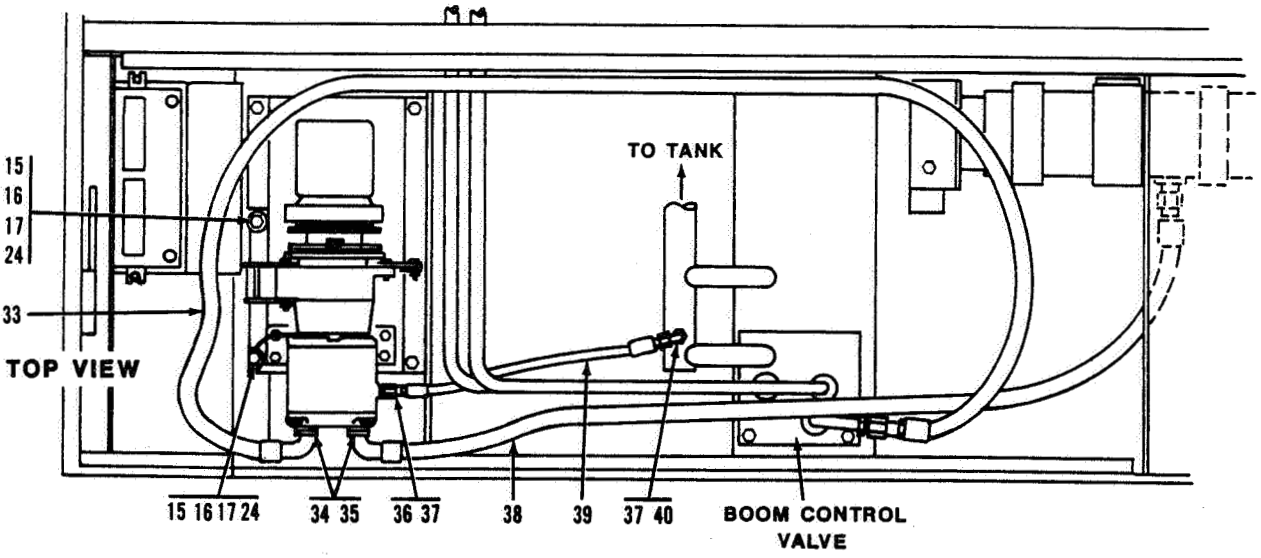
(7734-5017) AIR CONDITIONER INSTALLATION COMPONENTS

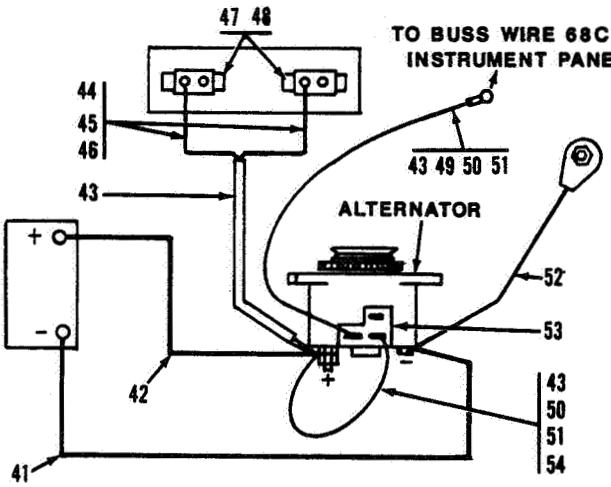
Original Issue 9-91
Revised 2-93



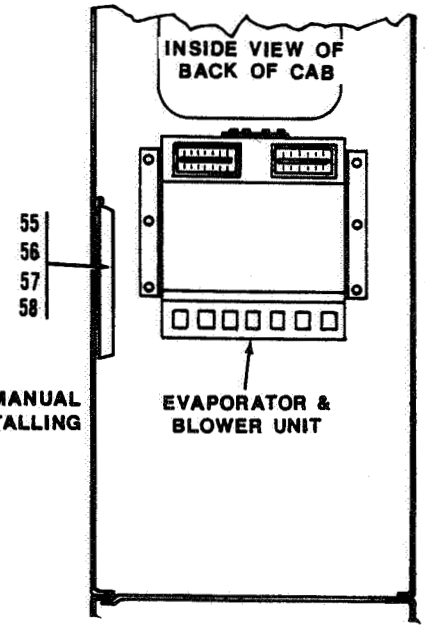


SECTION A-A





ALTERNATOR WIRING DIAGRAM



REMOVE EXISTING MANUAL HOLDER BEFORE INSTALLING A/C UNIT.

See 7734-5017(2) for parts list

https://truckmanualshub.com/

(7734-5017) AIR CONDITIONER INSTALLATION COMPONENTS

Original Issue 9-91
Revised 2-93

Item	Part No.	Qty.	Description Of Part
	7734-5017	1	AIR CONDITIONER INSTALLATION COMPONENTS (includes all items)
1	7734-1094	1	BATTERY SUPPORT
2	8841-1054	2	ROUND HD CARRIAGE BOLT, 5/16-18X6
3		1	BATTERY, 12 VOLT (purchase locally)
4	7734-6025	1	BATTERY HOLD DOWN
5	7714-3006	2	WHIZ LOK NUT, 5/16-18
6	7734-6024	1	ALTERNATOR MOUNT
7	8820-1046	1	HEX HD CAPSCREW, 3/8-16X3-3/4, GR5
8	8856-1109	1	FLAT WASHER, 3/8
9	8855-1011	1	LOCKWASHER, 3/8
10	8850-1106	1	HEX JAM NUT, 3/8-16
11	8319-1028	1	HEX HD CAPSCREW, M8-1.25X25
12	8319-1011	1	LOCKWASHER, M8
13	7734-1084	1	ADJUSTING BAR
14	7734-1086	1	BAR
15	8820-1036	6	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
16	8855-1011	6	LOCKWASHER, 3/8
17	8850-1006	6	HEX NUT, 3/8-16
18	7734-1083	1	ANGLE
19	7734-1140	1	ANGLE
20	8820-1003	2	HEX HD CAPSCREW, 1/4-20X3/4, GR5
21	8856-1002	2	FLAT WASHER, 1/4
22	8852-1304	2	HEX LOCKNUT, 1/4-20
23	7734-1095	1	SUPPORT ANGLE
24	8856-1004	5	FLAT WASHER, 3/8
25	9103-3234	1	ALTERNATOR
26	9103-3074	1	ALTERNATOR FAN
27	7734-3048	1	V-BELT
28	7721-1052	1	SHEAVE
29	7734-3035	1	WEATHERPROOF BOX
30	8820-1003	2	HEX HD CAPSCREW, 1/4-20X3/4, GR5
31	8852-1304	2	HEX LOCKNUT, 1/4-20
32	7734-3027	1	AIR CONDITIONER ASSY (includes hydraulically driven air compressor, evaporator & blower unit, condenser unit, hoses & mounting hardware)
	(*)		
33	8471-7574	1	HOSE ASSY
34	8866-2304	2	CONNECTOR (includes item 35)
35	8859-1508	2	O-RING
36	8866-2005	1	CONNECTOR (includes item 37)
37	8859-1204	2	O-RING
38	8471-7575	1	HOSE ASSY
39	8471-6751	1	HOSE ASSY
40	8866-2064	1	ELBOW, 90 DEGREES (includes item 37)
41	8348-3446	1	POSITIVE BATTERY CABLE
42	8348-3120	1	NEGATIVE BATTERY CABLE
43		AR	LOOM, 5/16
44		AR	WIRE, 10 GAUGE, RED
45	8698-3190	2	TERMINAL, #10 (at circuit breaker)
46	8698-3192	2	RING TERMINAL, 1/4 (at alternator)
47	8684-1082	2	CIRCUIT BREAKER, 30 AMP
48	8830-1193	2	ROUND HD MACHINE SCREW, #10-32X1/2
49	8698-3188	1	RING TERMINAL, #10
50		AR	WIRE, 16 GAUGE
51	8368-3255	1	TERMINAL CLIP
52	8688-1303	1	GROUND WIRE
53	8368-3254	1	THREE-CONTACT PLUG
54	8698-3191	1	TERMINAL
55	9103-3102	1	MANUAL HOLDER
56	8830-1193	4	ROUND HD MACHINE SCREW, #10-32X1/2
57	8855-1007	4	LOCKWASHER, #10
58	8850-1613	4	HEX NUT, #10-32
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

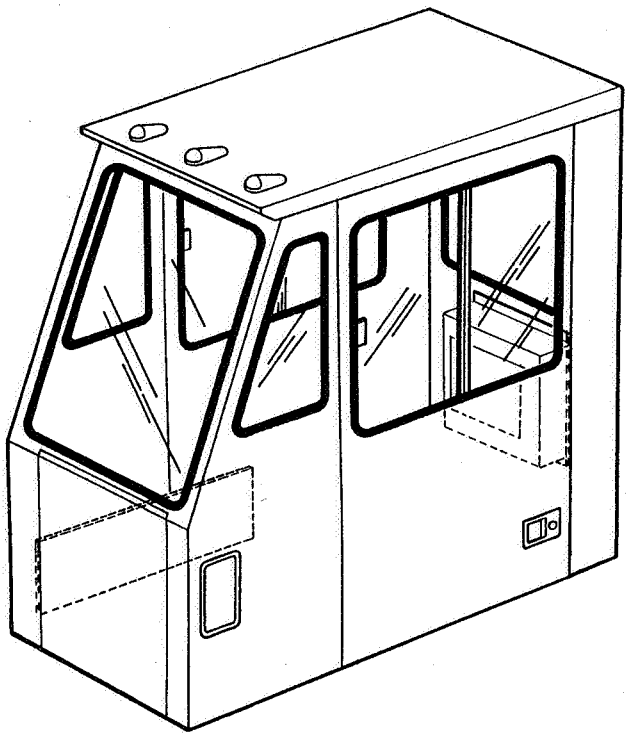
(*) Not serviced by Gradall
For repair service, please contact your local Eagle dealer

See 7734-5017(1) for illustration

https://truckmanualshub.com/

(7738-3353) AIR CONDITIONER KIT

Original Issue 9-91

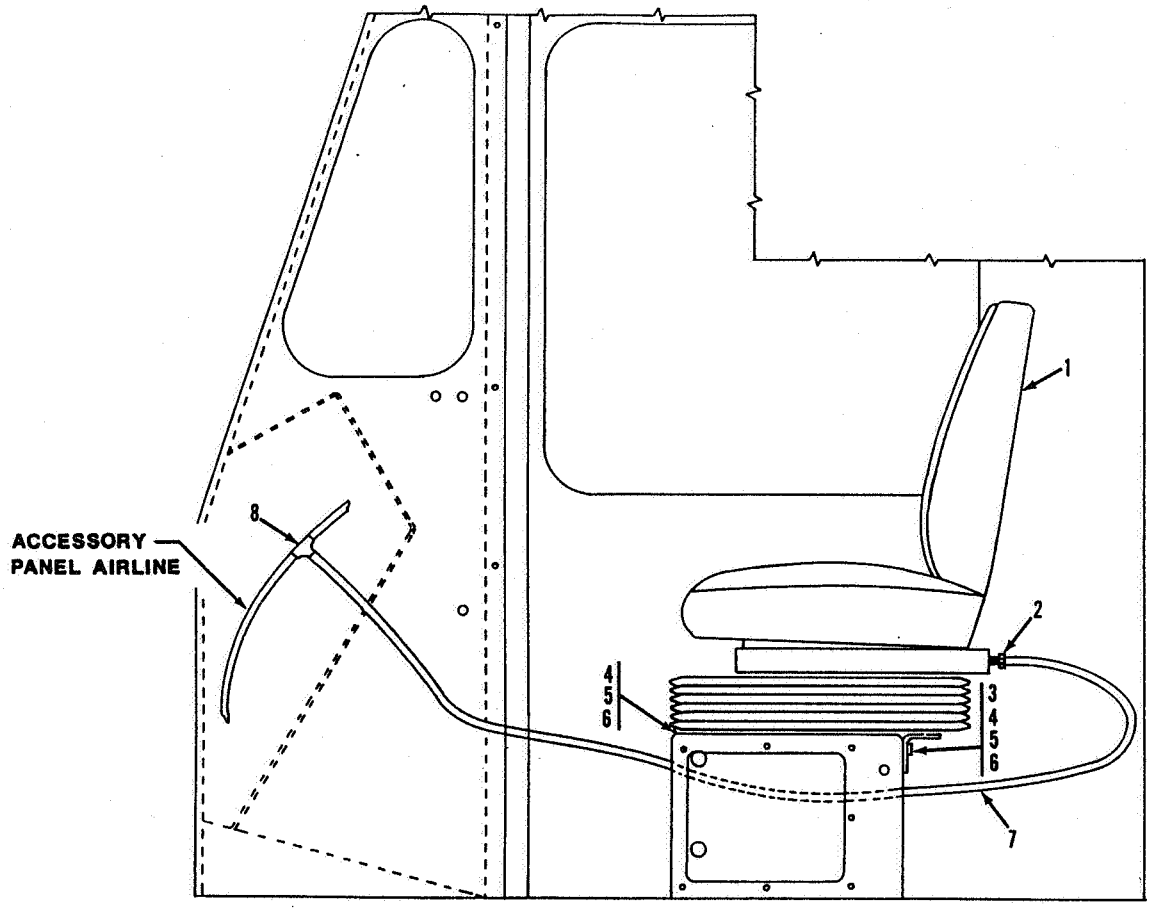


Eagle Air Conditioner Kit
Eagle Kit Part No. 950-744
Kit includes all parts needed for installation.
Not serviced by Gradall.
For repair service, please contact your local Eagle dealer.

https://truckmanualshub.com/

(7738-5126) AIR SEAT INSTALLATION COMPONENTS

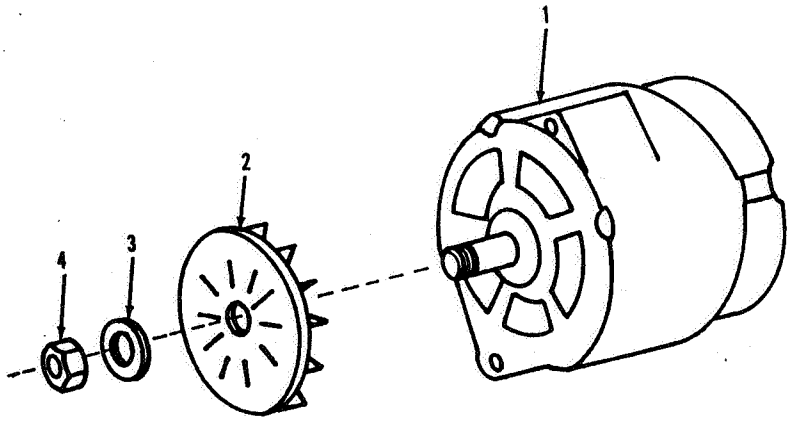
Original Issue 9-91



Item	Part No.	Qty.	Description Of Part
	7738-5126	1	AIR SEAT INSTALLATION COMPONENTS (includes all items)
1	7738-3526	1	AIR SEAT
2	8688-1273	1	FITTING
3	7738-1460	1	EXTENSION BRACKET
4	8820-1020	6	HEX HD CAPSCREW, 5/16-18X1, GR5
5	8855-1010	6	LOCKWASHER, 5/16
6	8850-1005	6	HEX NUT, 5/16-18
7		AR	1/4 NYLON TUBING
8	7738-3044	1	TEE

https://truckmanualshub.com/

(7738-3358 & 7738-3359) 105 AMP ALTERNATOR COMPONENTS

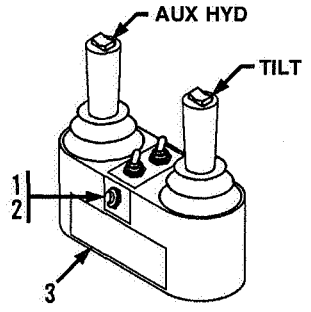


Item	Part No.	Qty.	Description Of Part
1	7738-3358	1	105 AMP ALTERNATOR ASSY (includes items 2, 3 & 4)
2		1	FAN
3		1	WASHER
4		1	HEX NUT
5	7738-3359	1	BRACKET (not illustrated)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

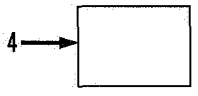
https://truckmanualshub.com/

(7738-5156) AUXILIARY HYDRAULIC CONTROL INSTALLATION

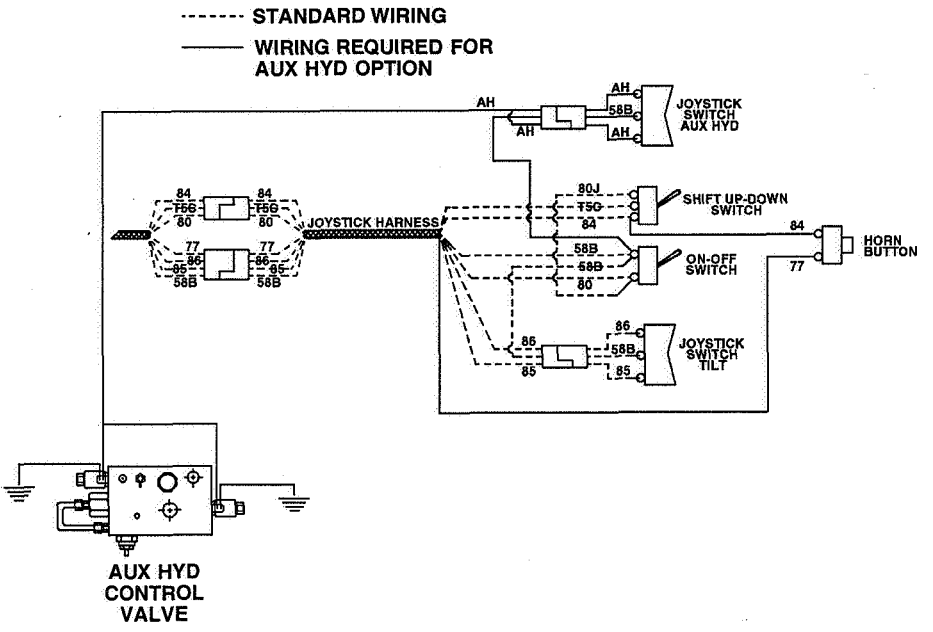
Original Issue 11-99

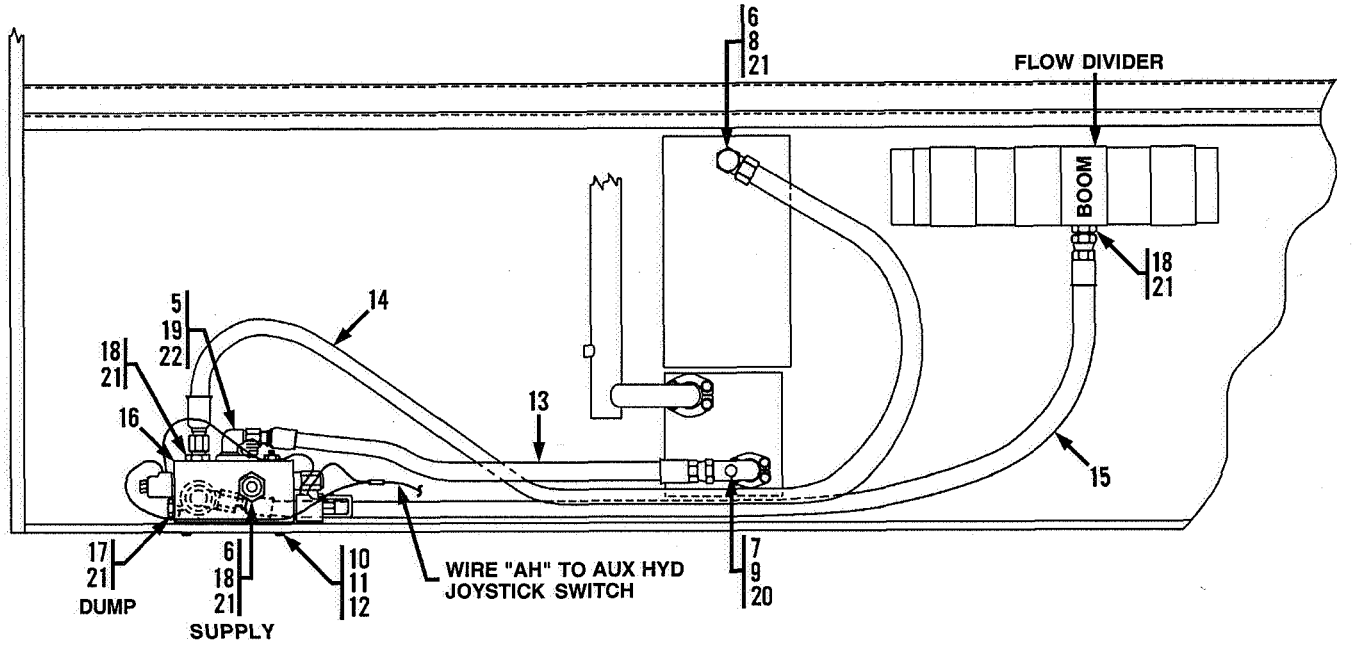


VIEW OF JOYSTICK CONSOLE



ELECTRICAL DIAGRAM



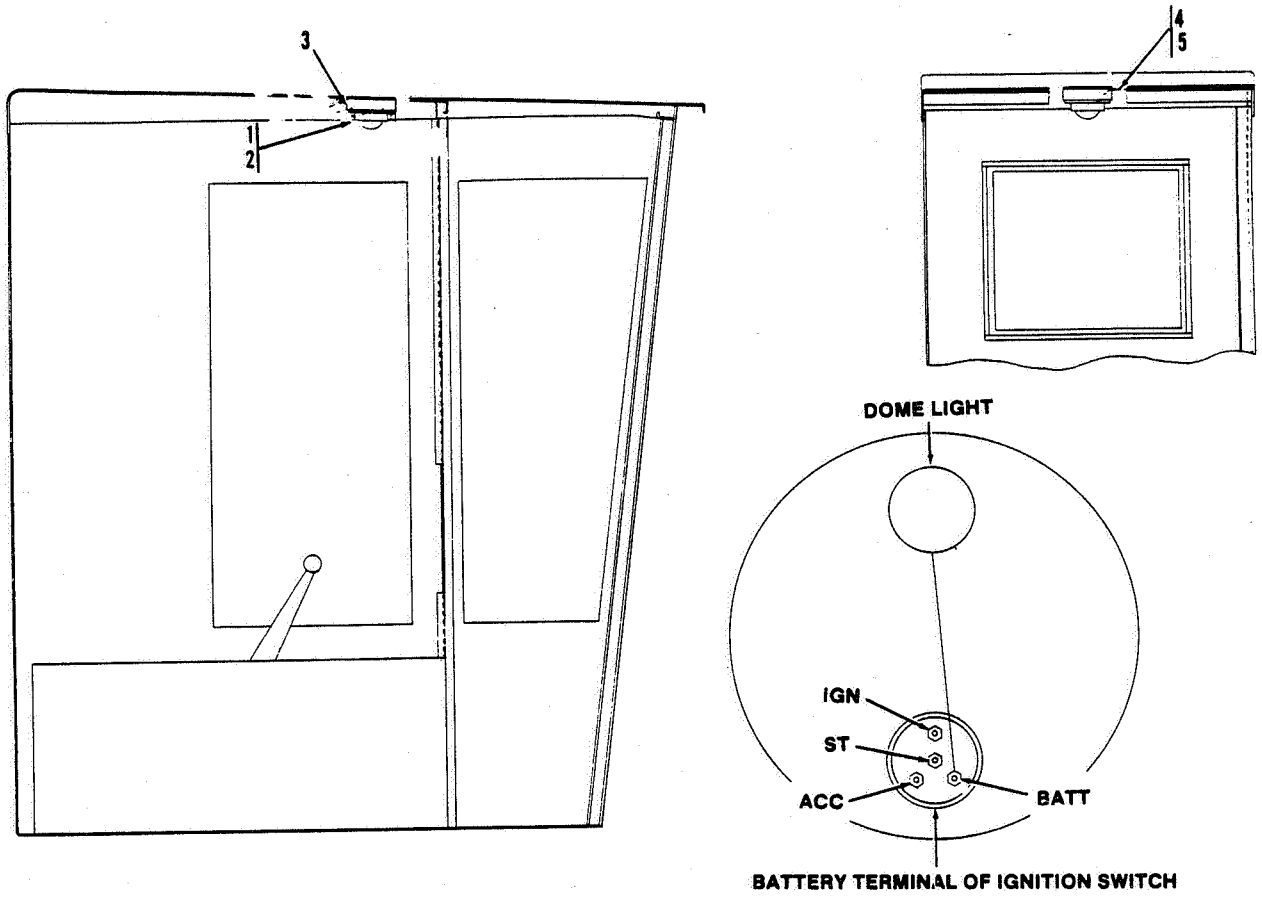


Item	Part No.	Qty.	Description Of Part
	7738-5156	1	AUX HYD CONTROL INSTALLATION, (includes all items)
1	9020-0434	1	HORN BUTTON
2	9103-3089	1	HORN BUTTON DECAL
3	7733-3030	1	OPERATING DECAL, (replaces standard decal, 7733-3029)
4	7733-3031	1	OPERATING NAMEPLATE, (replaces standard nameplate, 7733-3024)
5	8866-2110	2	ELBOW, 90 DEGREE, (swivel nut)
6	8866-1369	2	HEX CAP, 1" TUBE
7	8366-1058	1	ELBOW w/ TEST PORT
8	8866-2144	1	BRANCH TEE, (includes item 21)
9	7713-3089	1	MINI-CHECK, (includes item 20)

Item	Part No.	Qty.	Description Of Part
10	8841-1077	2	ROUND HD CARRIAGE BOLT, 5X1-3/18
11	8855-1011	2	LOCKWASHER, 3/8
12	8850-1006	2	HEX NUT, 3/8-16
13	8471-6302	1	HOSE ASSY
14	8471-7621	1	HOSE ASSY
15	8471-6847	1	HOSE ASSY
16	8364-3055	1	CONTROL VALVE
17	8866-2179	1	HEX HEAD PLUG, (includes item 21)
18	8866-2010	3	CONNECTOR, (includes item 21)
19	8866-2028	2	CONNECTOR, (includes item 22)
20	8376-3056	1	VITON O-RING, (lubricate lightly)
21	8859-1209	5	O-RING
22	8859-1210	2	O-RING

https://truckmanualshub.com/

(8364-5034) DOME LIGHT INSTALLATION COMPONENTS

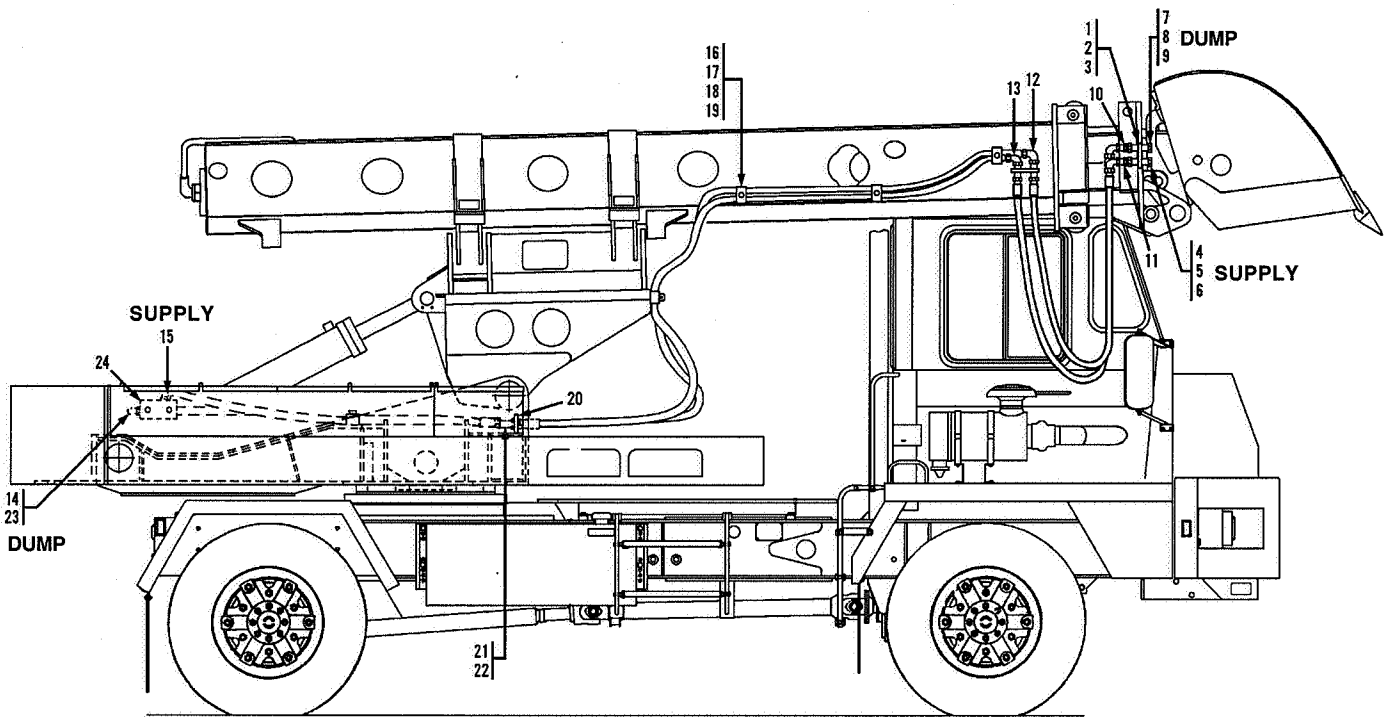


Item	Part No.	Qty.	Description Of Part
	8364-5034	1	DOME LIGHT INSTALLATION COMPONENTS (includes all items)
1	2486-1167	1	DOME LIGHT
2	8832-1020	3	SELF TAPPING SCREW #8-32X1/4
3	8364-1537	1	DOME LIGHT BRACKET
4		1	WIRE, #14 BLACK
5	8903-1114	1	PRESSURE TERMINAL

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(7738-5159) DROOP HOSE INSTALLATION

Original Issue 11-99



CONTACT ENGINEERING FOR PART NUMBERS ON HOSES

SUPPORT HOSE	-	**3/4"**
DUMP HOSE	-	**1"**
REAR HOSES	-	**APPROX. 10'**
MIDDLE HOSES	-	**APPROX. 18'**
FRONT DROOP HOSES	-	**APPROX. 14'**

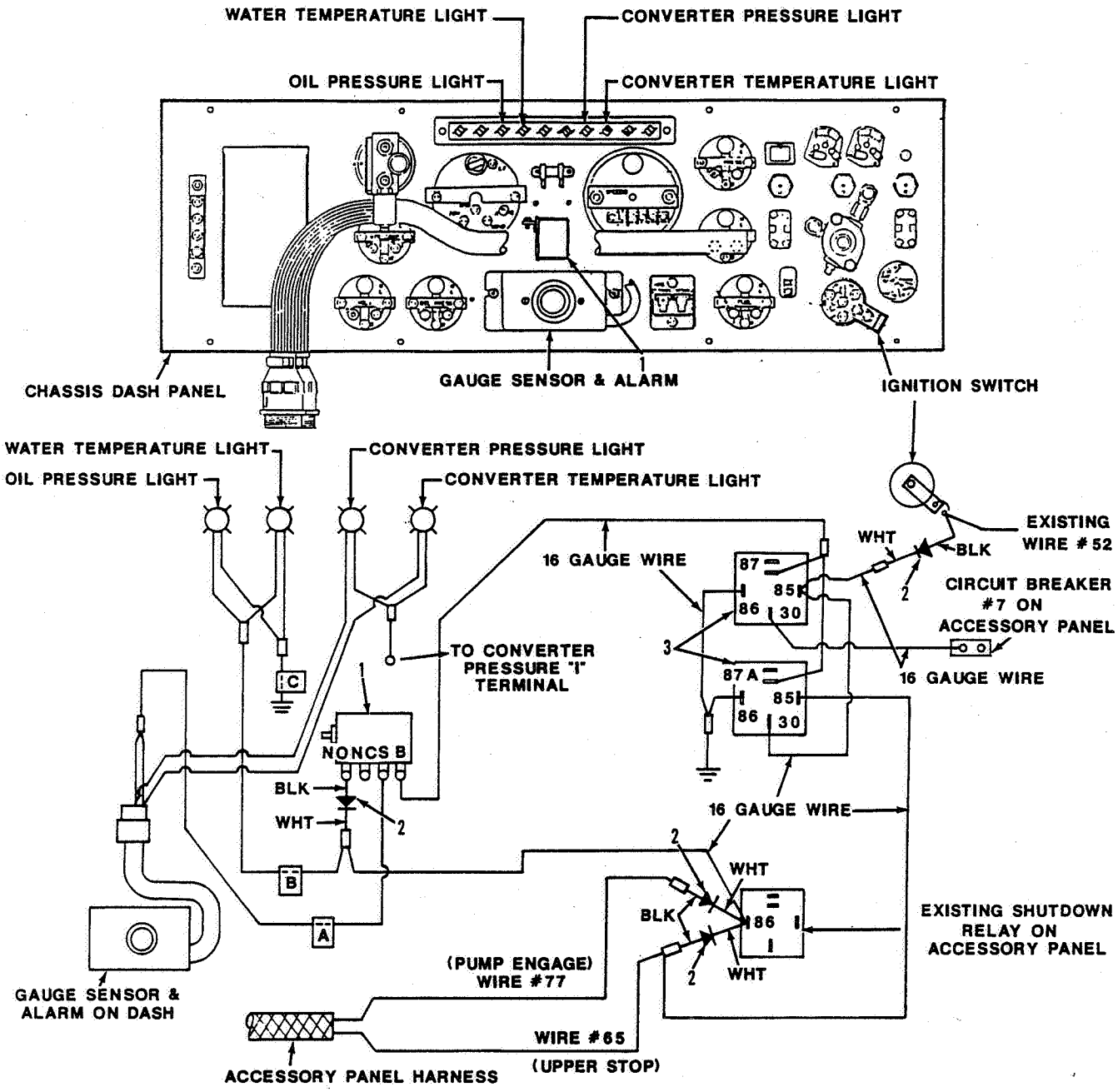
Item	Part No.	Qty.	Description Of Part
	7738-5159	1	DROOP HOSE INSTALLATION, (includes all items)
1	8362-1304	2	CLAMP SET
2	8855-1011	6	LOCKWASHER, 3/8
3	8820-1040	6	HEX HD CAPSCREW, 3/8-16X2 1/4, GR5
4	8362-3027	2	DUST PLUG, 3/4
5	8362-3026	2	DUST CAP, 3/4
6	8364-1564	2	DISCONNECT, 3/4
7	8364-1567	2	DISCONNECT, 1
8	8362-3028	2	DUST CAP, 1
9	8362-3029	2	DUST PLUG, 1
10	8866-1021	2	MALE CONNECTOR
11	8866-1018	2	MALE CONNECTOR, 3/4X3/4 TUBE
12	8866-2110	1	ELBOW, 90 DEGREE, (swivel nut)
13	8866-2108	1	ELBOW, 90 DEGREE, (swivel nut)

Item	Part No.	Qty.	Description Of Part
14	8866-2069	1	ELBOW, 90 DEGREE, (Includes item 23)
15	8325-1198	1	STR. THREAD, 90 DEGREE ELBOW
16	7713-3278	5	BASE PLATE
17	7713-3280	5	CLAMP SET
18	7713-3281	5	COVER PLATE
19	8820-1026	5	CAPSCREW, 5/16-18X2-1/2
20	7734-1162	1	BULKHEAD PLATE
21	8866-1087	1	BULKHEAD UNION, 1-1/16-12X3/4, TUBE
22	8866-1089	1	BULKHEAD UNION, 1-5/16-12X1, TUBE
23	8859-1209	1	O-RING
24		Ref	AUX HYD CONTROL INSTALLATION, (see page 7738-5156 for details)

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(7738-5163) ENGINE SHUTDOWN INSTALLATION COMPONENTS

Original Issue 5-90



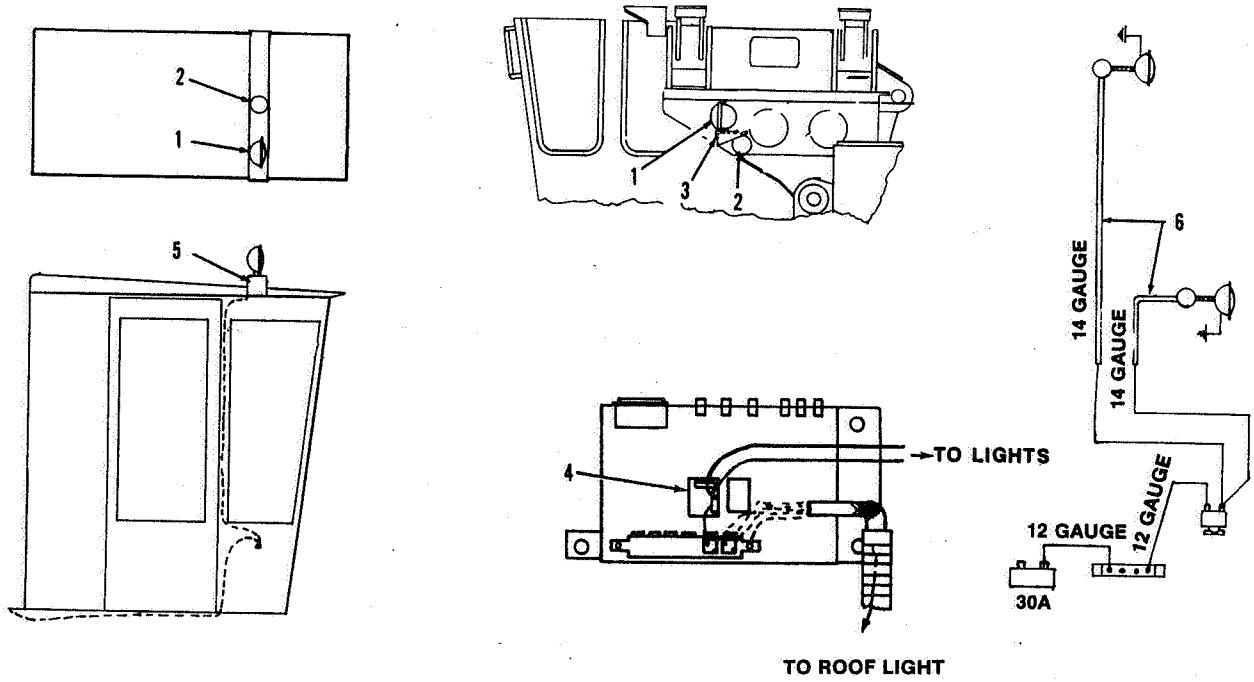
WIRING SCHEMATIC

Item	Part No.	Qty.	Description Of Part
	7738-5163	1	ENGINE SHUTDOWN INSTALLATION COMPONENTS (includes all items)
1	7738-3432	1	MURPHY SWITCH
2	7738-3206	4	DIODE
3	7738-3410	2	RELAY (mounted on accessory panel)

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(7734-5007) FLOODLIGHT INSTALLATION COMPONENTS

Revised 1-92

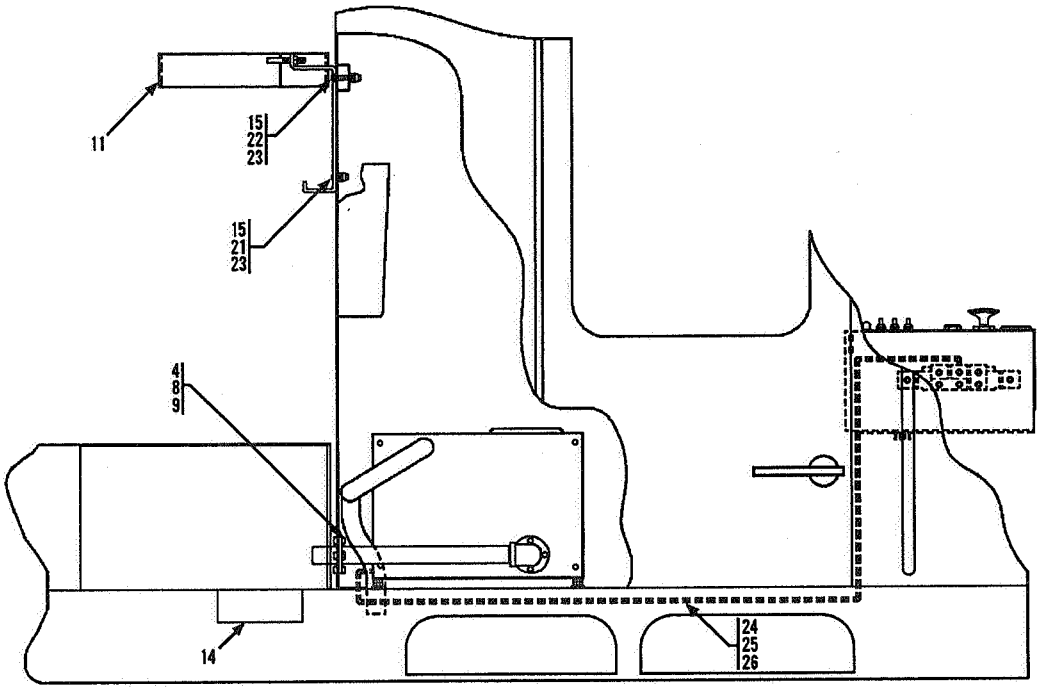


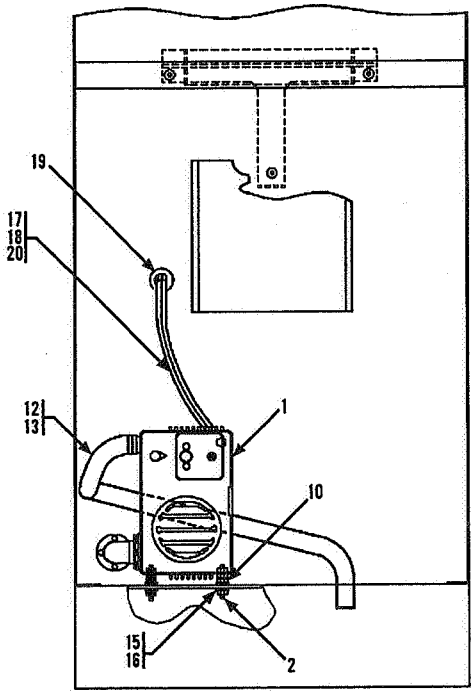
Item	Part No.	Qty.	Description Of Part
	7734-5007	1	FLOODLIGHT INSTALLATION COMPONENTS (includes all items)
1	8364-1619	2	FLOODLIGHT (130 watt)
2	8684-1078	2	JUNCTION BOX
3	7734-1073	1	LIGHT MOUNTING BRACKET
4	7716-3031	1	TWO POSITION SWITCH
5	8664-1328	1	LIGHT BRACKET
6		1	FLEXIBLE LOOM, (30' long)

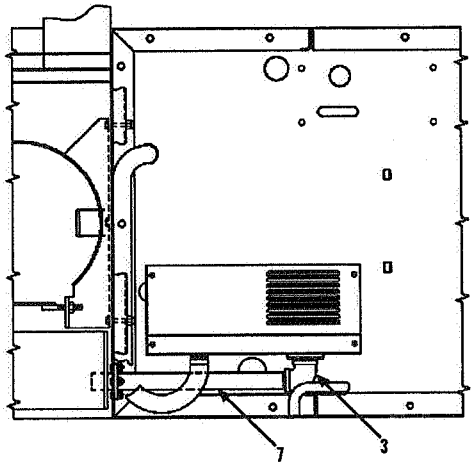
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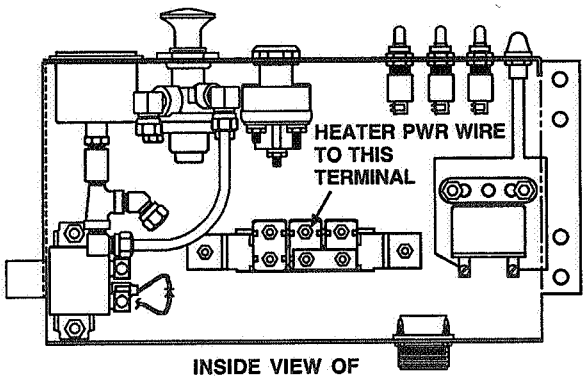
(7734-5008) UPPER HEATER INSTALLATION

Revised 12-19-03









INSIDE VIEW OF
UPPER CONTROL BOX

https://truckmanualshub.com/

(7734-5008) UPPER HEATER INSTALLATION

Starting Serial No. 0136307
Original Issue 2-93
Revised 12-19-03

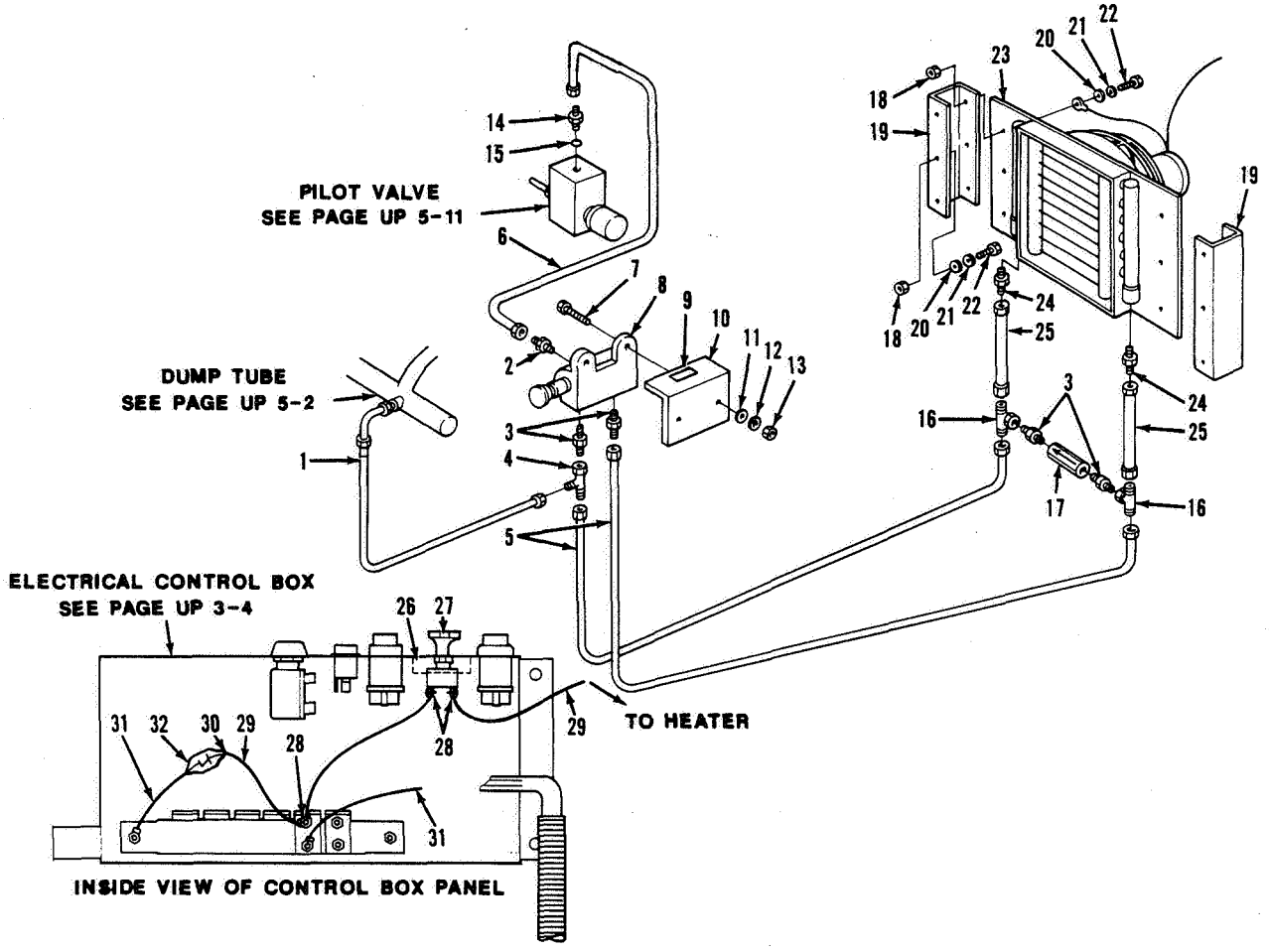
Item	Part No.	Qty.	Description Of Part
	7734-5008	1	UPPER HEATER INSTALLATION, (includes all items)
*	7736-4358	1	IGNITION PACK
*	7736-4359	1	IGNITER
1	7736-3080	1	CAB HEATER, (propane), (includes items 2 thru 6)
2		4	STUD
3		1	EXHAUST ELBOW
4		1	EXHAUST INSULATOR
*5		1	REGULATOR
6		1	POL CONNECTOR
7	8870-2837	1	PIPE, 1X15-1/2"
*8	8820-1003	3	HEX HD CAPSCREW, 1/4-20X3/4, GR5
*9	8026-3012	3	WHIZ-LOK NUT
*10	8850-1004	16	HEX NUT, 1/4-20
*11	7734-6054	1	TANK BRACKET
12	7738-3272	1	HOSE
13	8504-1654	1	HOSE CLAMP
14	7734-3018	1	WARNING DECAL
15	8856-1003	11	FLAT WASHER, 5/16
16	7734-3020	4	GROMMET
17	7734-3019	1	HOSE ASSEMBLY
18	7734-3021	1	ELBOW, 90 DEGREES
19	8656-1279	1	GROMMET
20	8871-1573	1	REDUCING BUSHING, 1/2X3/8
21	8820-1020	1	HEX HD CAPSCREW, 5/16-18X1, GR5
22	8820-1024	2	HEX HD CAPSCREW, 5/16-18X2, GR5
*23	8852-1205	1	HEX LOCKNUT, 5/16-18
*24	8666-1147	16'	16 GAUGE WIRE, (black)
*25	8698-3188	1	RING TERMINAL
*26	8668-3480	1	BUTT CONNECTOR
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

** - Added items 24 thru 26; removed part number from item 5; changed quantities on items 8, 10 & 23; changed part numbers on items 9 & 11.*

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7734-5022 HYDRAULIC HEATER INSTALLATION

Original Issue 12-87
Revised 12-92



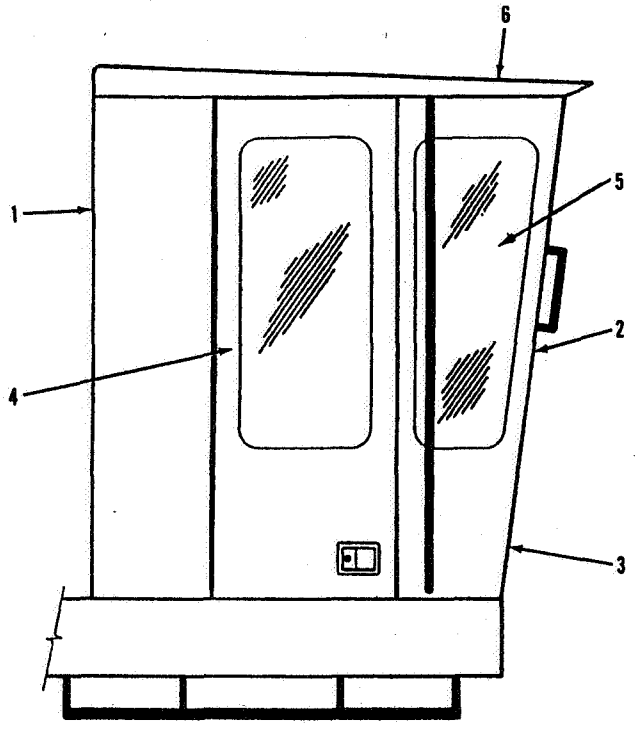
Item	Part No.	Qty.	Description Of Part
1	8471-6751	1	HOSE ASSY
2	8866-1010	1	MALE CONNECTOR, 3/8 TUBE
3	8866-1013	4	MALE CONNECTOR, 1/2 TUBE
4	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
5	8471-8025	2	HOSE ASSY
6	7713-3340	1	HOSE ASSY
7	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
8	8341-1016	1	SELECTOR VALVE
9	7734-3045	1	ON-OFF DECAL
10	7734-1137	1	ANGLE
11	8856-1107	2	FLAT WASHER, 1/4
12	8855-1009	2	LOCKWASHER, 1/4
13	8850-1004	2	HEX NUT, 1/4-20
14	8866-2005	1	CONNECTOR (includes item 15)
15	8859-1204	1	O-RING
16	1080-2614	2	ADAPTER

Item	Part No.	Qty.	Description Of Part
17	7734-3043	1	CHECK VALVE
18	8850-1005	12	HEX NUT, 5/16-18
19	7734-1118	2	HEATER BRACKET
20	8856-1108	12	FLAT WASHER, 5/16
21	8855-1010	12	LOCKWASHER, 5/16
22	8820-1018	12	HEX HD CAPSCREW, 5/16-18X3/4, GR5
23	7734-3038	1	HYDRAULIC HEATER ASSY
24	8874-3017	2	ADAPTER
25	8471-7468	2	HOSE ASSY
26	7734-3044	1	DECAL
27	2486-1223	1	3-SPEED SWITCH
28	8698-3188	4	RING TERMINAL, #10 SCREW
29		AR	WIRE, 14 GAUGE (red) 82" LONG
30	7716-3198	1	SPADE TERMINAL, 10 GAUGE (female)
31		AR	WIRE, 14 GAUGE (black) 68" LONG
32	7738-3206	1	DIODE

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(8366-5067) LEXAN CAB GLASS INSTALLATION COMPONENTS

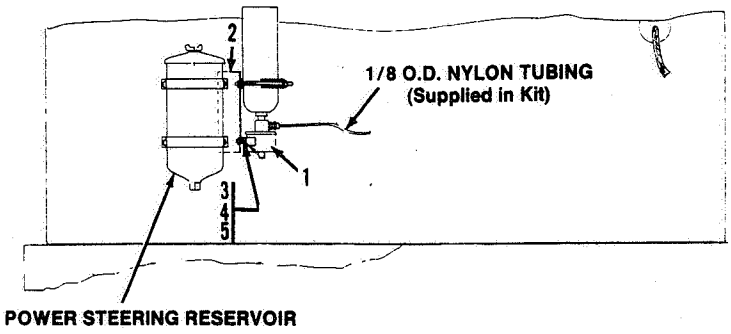
Original Issue 9-91

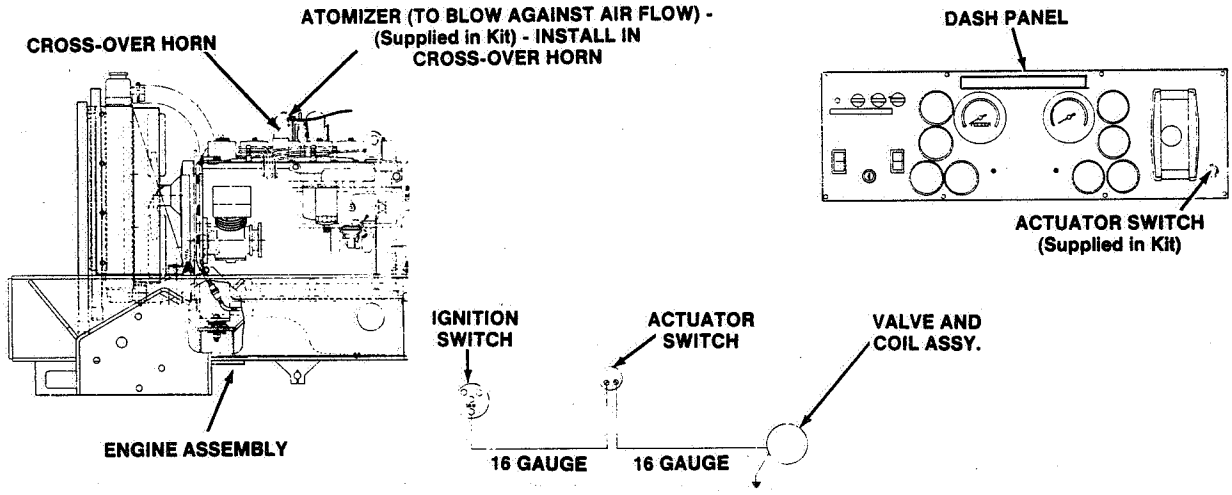


Item	Part No.	Qty.	Description Of Part
	8366-5067	1	LEXAN CAB GLASS INSTALLATION COMPONENTS (includes all items)
1		1	BACK WINDOW
2		1	FRONT WINDOW
3		1	FRONT BOTTOM WINDOW
4		2	SIDE WINDOW
5		2	SIDE FRONT WINDOW
6		1	TOP WINDOW
			NOTE: PLEASE CONTACT THE GRADALL PARTS DEPARTMENT TO DISCUSS YOUR REPLACEMENT WINDOW GLASS REQUIREMENTS. ALSO GIVE THE SERIAL NUMBER OF YOUR GRADALL.

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(7738-9018) QUICKSTART INSTALLATION COMPONENTS
For 6BT5.9 Cummins Engine





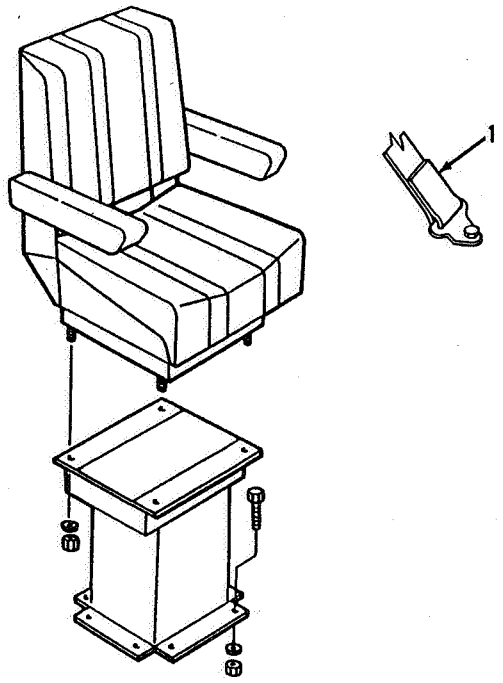
SCHEMATIC

Item	Part No.	Qty.	Description Of Part
	7738-9018	1	QUICKSTART INSTALLATION COMPONENTS (includes all items)
1	7717-3040	1	QUICKSTART KIT
2	7738-1446	1	MOUNTING BRACKET
3	8820-1005	2	HEX HEAD CAPSCREW, 1/4-20X1
4	8850-1004	2	HEX NUT, 1/4-20
5	8855-1009	2	LOCKWASHER, 1/4

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(8688-3173) SEAT BELT KIT INSTALLATION COMPONENTS

Original Issue 9-91

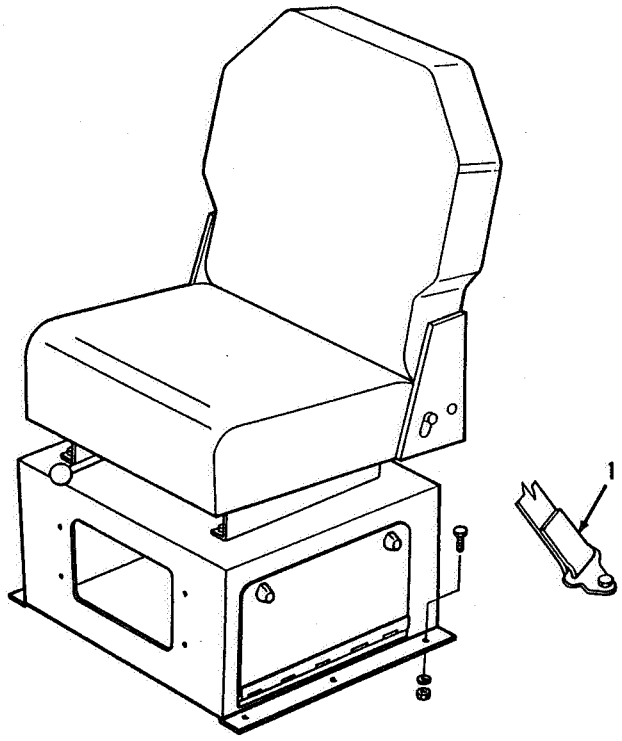


Item	Part No.	Qty.	Description Of Part
1	8688-3173	1	SEAT BELT KIT (includes mounting hardware)

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(8688-3173) SEAT BELT KIT INSTALLATION COMPONENTS

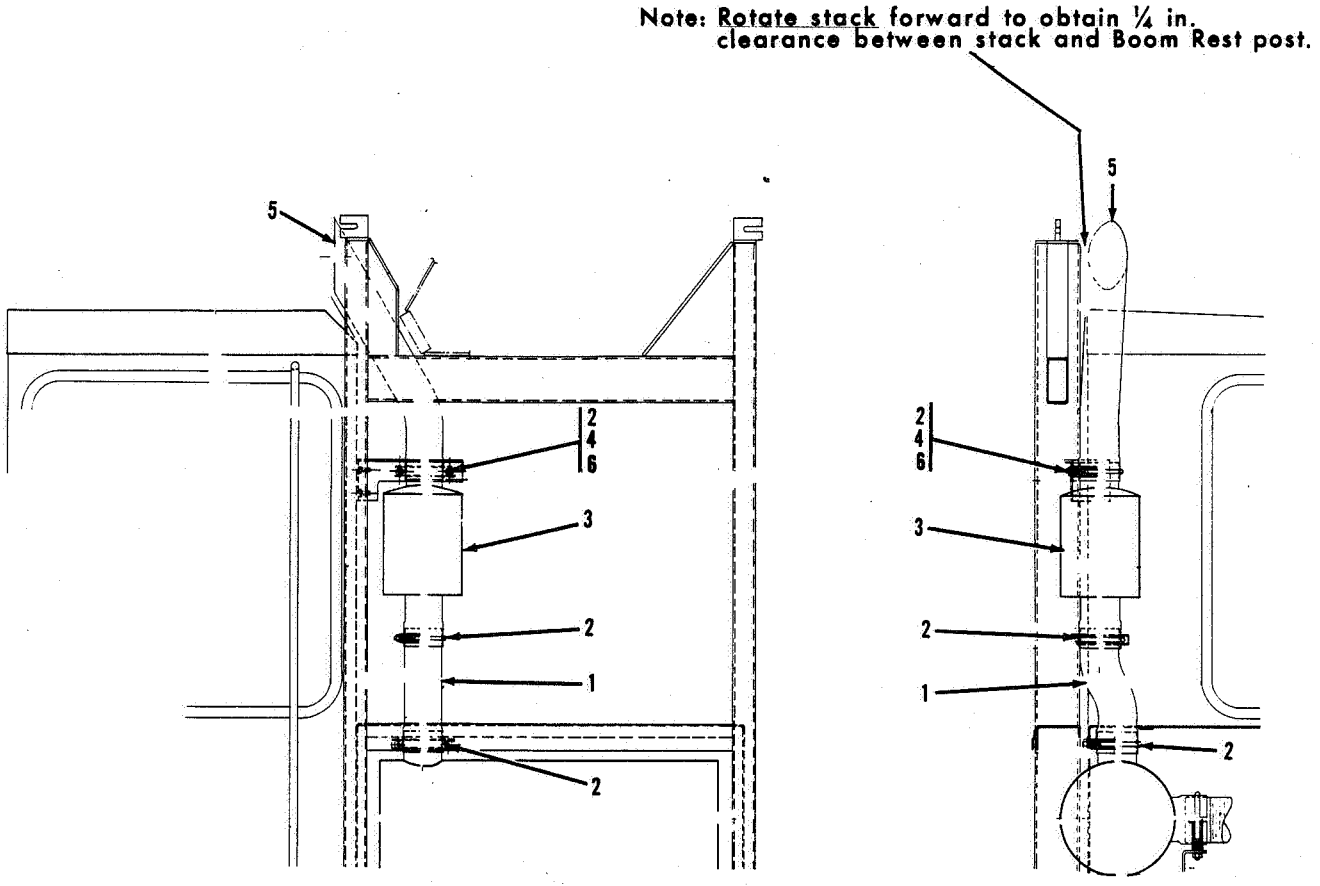
Original Issue 9-91



Item	Part No.	Qty.	Description Of Part
1	8688-3173	1	SEAT BELT KIT (includes mounting hardware)

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(7738-5040) SPARK ARRESTOR INSTALLATION COMPONENTS

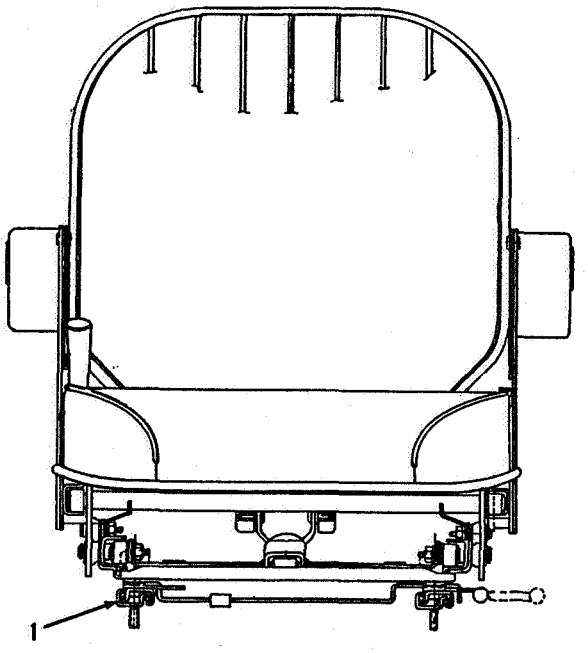


Item	Part No.	Qty.	Description Of Part
	7738-5040	1	SPARK ARRESTOR INSTALLATION COMPONENTS (includes all items)
1	7738-3312	1	OFFSET PIPE
2	8667-1583	3	CLAMP
3	8347-1074	1	SPARK ARRESTOR
4	7738-1407	1	BRACKET
5	7738-3311	1	EXHAUST STACK
6	7714-3006	2	WHIZLOK NUT

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(8368-3086) T-BAR SEAT INSTALLATION COMPONENTS

Original Issue 9-91

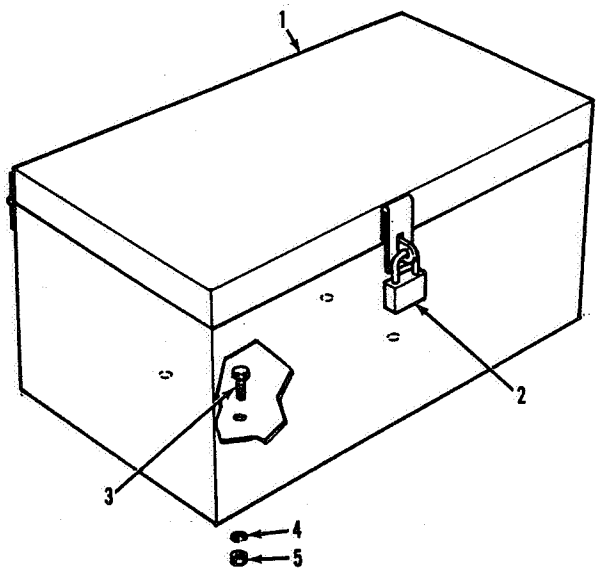


Item	Part No.	Qty.	Description Of Part
	8368-3086	1	T-BAR SEAT INSTALLATION COMPONENTS (includes item 1)
1	8368-4095	1	SLIDE RAIL KIT

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(8364-5059) TOOL BOX INSTALLATION COMPONENTS

Original Issue 9-91

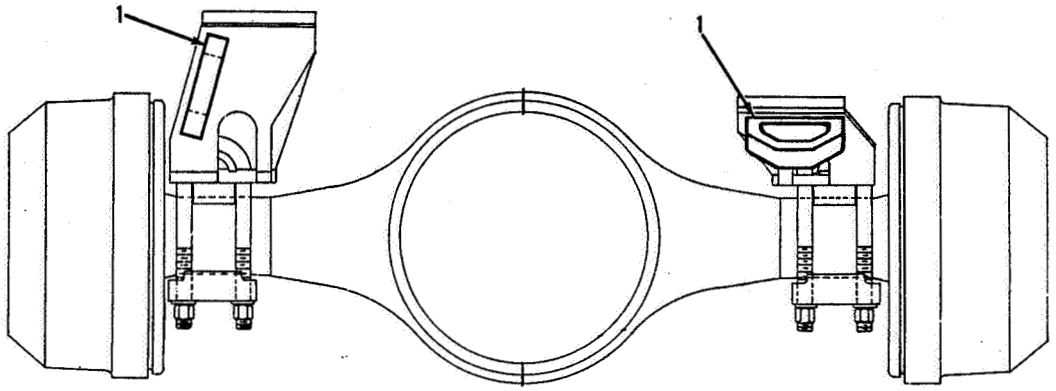


Item	Part No.	Qty.	Description Of Part
	8364-5059	1	TOOL BOX INTALLATION COMPONENTS (includes all items)
1	2460-6054	1	TOOL BOX
2	8564-1094	1	PADLOCK
3	8820-1034	4	HEX HD CAPSCREW, 3/8-16X7/8, GR5
4	8855-1011	4	LOCKWASHER, 3/8
5	8850-1006	4	HEX NUT, 3/8-16

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(7738-9040) TOW EYE INSTALLATION COMPONENTS

Original Issue 9-91



4x4 INSTALLATION

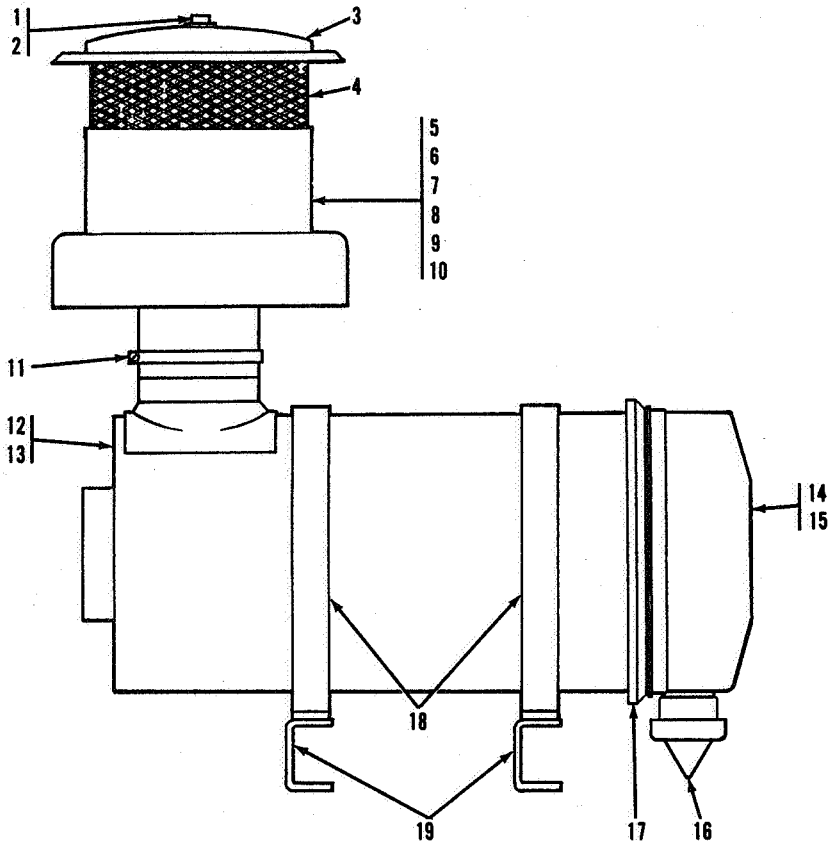
4x2 INSTALLATION

Item	Part No.	Qty.	Description Of Part
	7738-9040	1	TOW EYE INSTALLATION COMPONENTS (includes item 1)
1	8368-1475	2	TOW EYE

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(7738-5174) TURBO II PRE-CLEANER INSTALLATION COMPONENTS

Original Issue 9-91



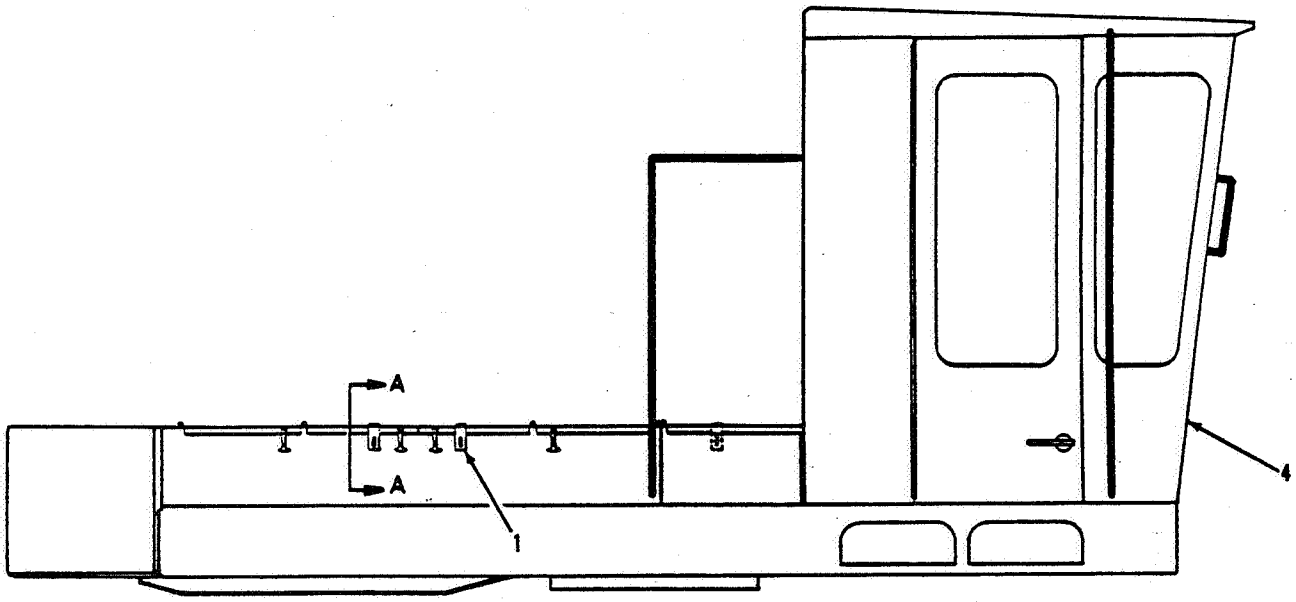
Item	Part No.	Qty.	Description Of Part
	7738-5174	1	TURBO II PRE-CLEANER INSTALLATION COMPONENTS (includes all items)
	8367-3174	1	TURBO II PRE-CLEANER ASSY (includes items 1 thru 11)
1	8367-4173	1	CAPTURE NUT
2	8367-4174	1	STUD ASSY
3	8367-4175	1	RAIN CAP (includes item 1)
4	8367-4176	1	INTAKE SCREEN
5	8367-4177	1	BODY ASSY
6	8367-4178	1	SUPPORT
7	8367-4179	1	SPINNER ASSY
8	8367-4180	8	MOUNTING BOLT

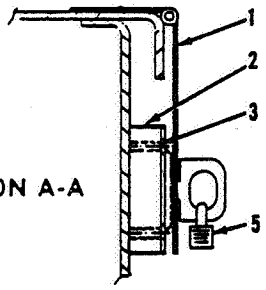
Item	Part No.	Qty.	Description Of Part
9	8367-4181	1	BOTTOM ASSY
10	8367-4182	8	VENT SPACER
11	8367-4183	1	HOSE CLAMP
12	7717-3009	1	AIR CLEANER ASSY (includes items 13 thru 18)
13	7717-4001	1	ELEMENT
14	8367-1291	1	CAP
15	7717-4002	1	O-RING
16	8367-1290	1	VACUATOR VALVE
17	8369-1284	1	NUT ASSY
18	7717-3010	2	MOUNTING BAND
19	7738-1607	2	FILTER SUPPORT

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(7733-5004) VANDAL KIT COMPONENTS

Revised 12-87





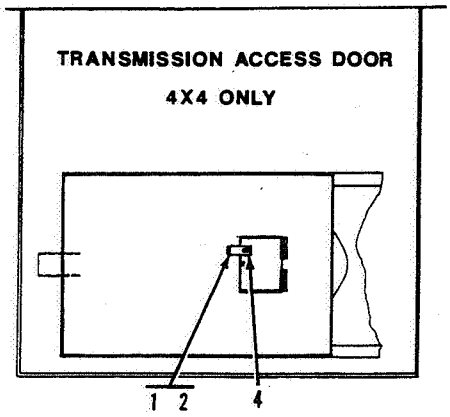
SECTION A-A

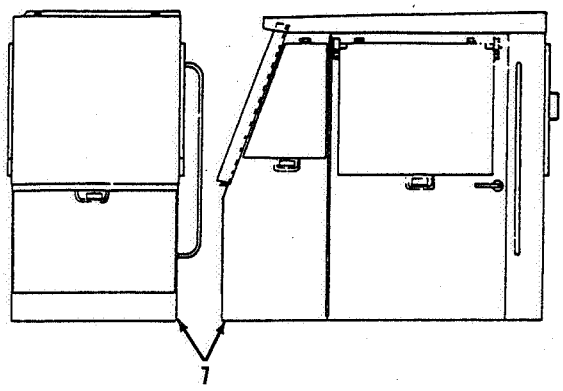
Item	Part No.	Qty.	Description Of Part
	7733-5004	1	VANDAL KIT COMPONENTS (includes all items)
1	8364-3003	3	LATCHING HASP
2	8364-1813	3	BLOCK
3	8830-1371	12	FLAT HD MACHINE SCREW, #10-32X1/2
4		1	LEXAN GLASS INSTALLATION COMPONENTS (CONTACT FACTORY FOR SPECIFICATIONS)
5	8564-1094	3	PADLOCK

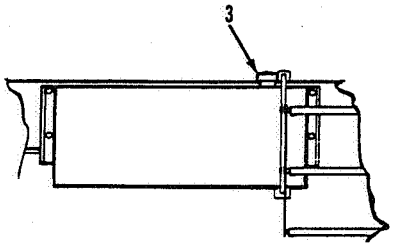
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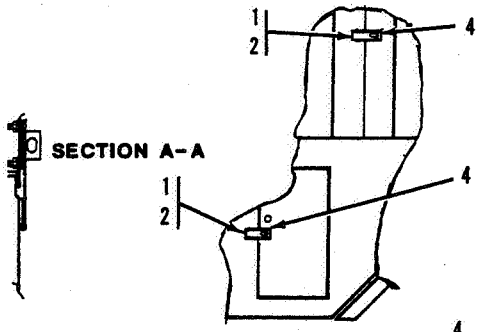
(7733-5003) VANDAL KIT COMPONENTS

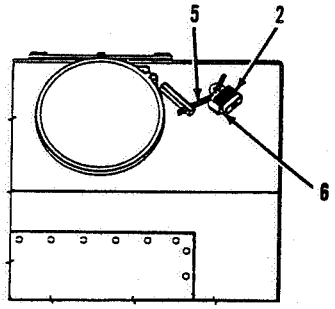
Revised 4-91

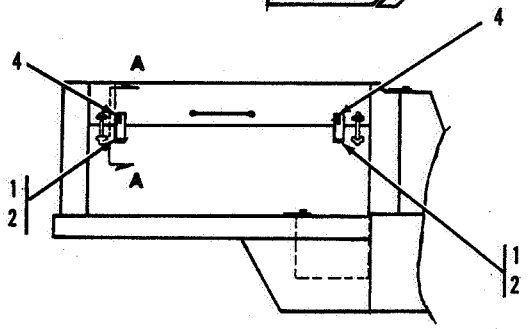










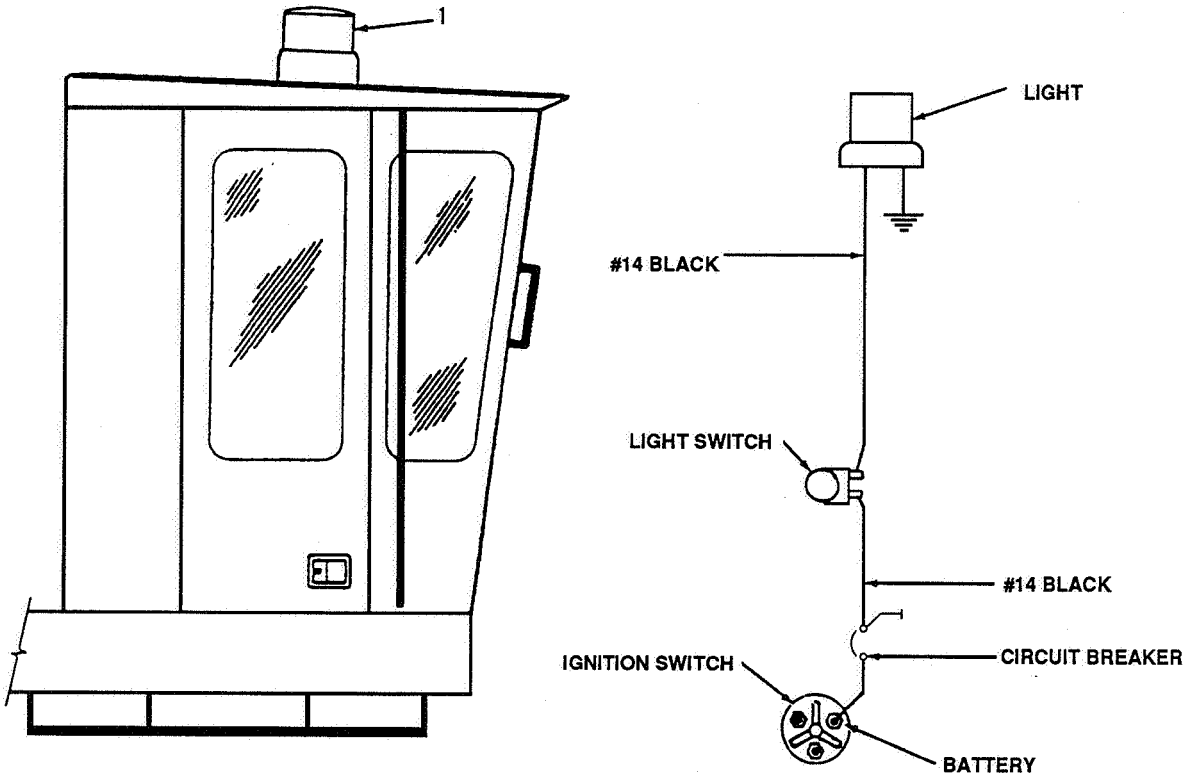


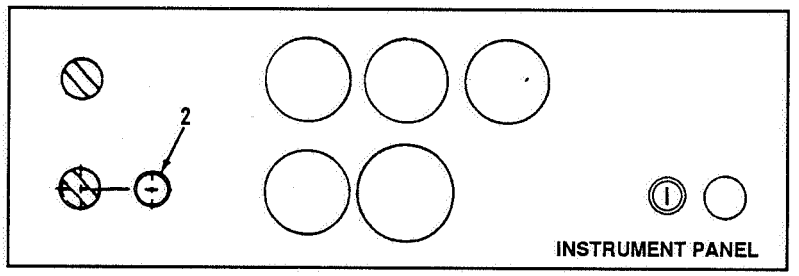
Item	Part No.	Qty.	Description Of Part
	7733-5003	1	VANDAL KIT COMPONENTS (includes items 1 thru 7) (4x4 machines)
	7733-5005	1	VANDAL KIT COMPONENTS (includes items 1 thru 6) (4x2 or 4x4 machines)
	7733-5006	1	VANDAL KIT COMPONENTS (includes items 1 thru 4) (4x2 machines) (this installation uses five padlocks)
1	8364-3003	5	LATCHING HASP
2	8564-1094	6	PADLOCK
3	8368-3449	1	LOCKING FUEL CAP
4	8864-1401	40	RIVET
5	7738-1464	1	BENT BAR
6	7738-1465	1	LOCK PLATE
7	8368-5227	1	WINDOW COVER INSTALLATION COMPONENTS (see page 8368-5227 for details)

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(8364-5082) WARNING LIGHT INSTALLATION COMPONENTS

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Revised 8-92



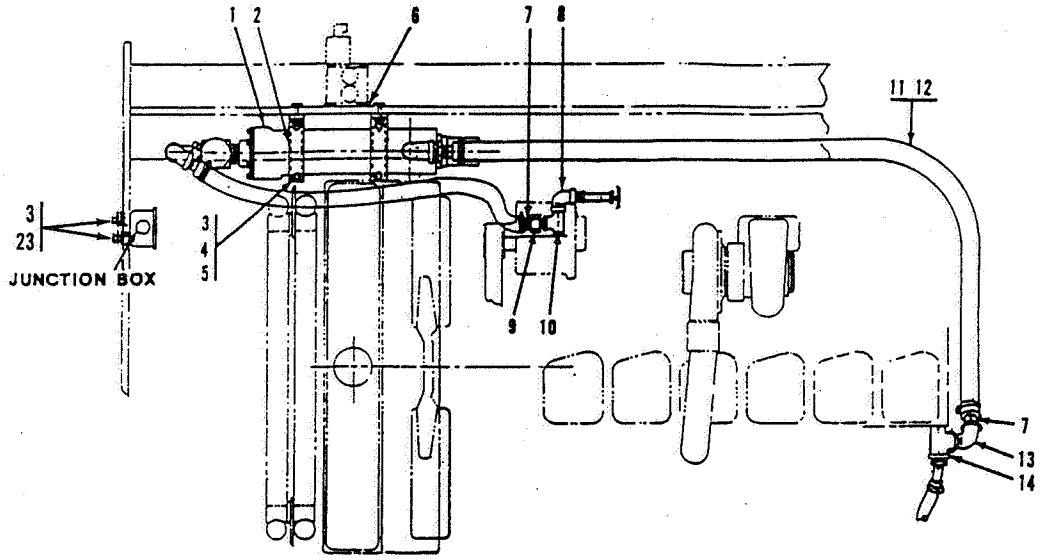


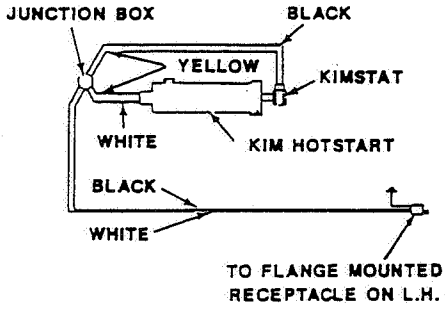
Item	Part No.	Qty.	Description Of Part
	8364-5082	1	WARNING LIGHT INSTALLATION COMPONENTS (includes all items)
1	8364-1734	1	REVOLVING LIGHT
2	8684-1079	1	LIGHT SWITCH

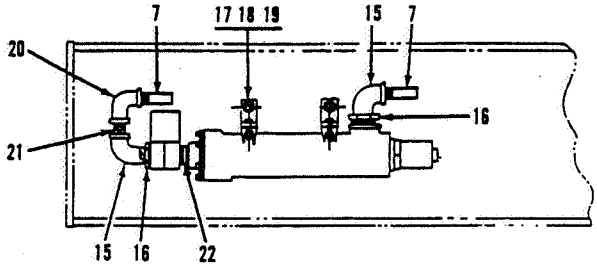
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(7738-9020) KIMSTART WATER HEATER INSTALLATION COMPONENTS
For Cummins 6BT5.9 Diesel Engine

Original Issue 8-88
Revised 4-91





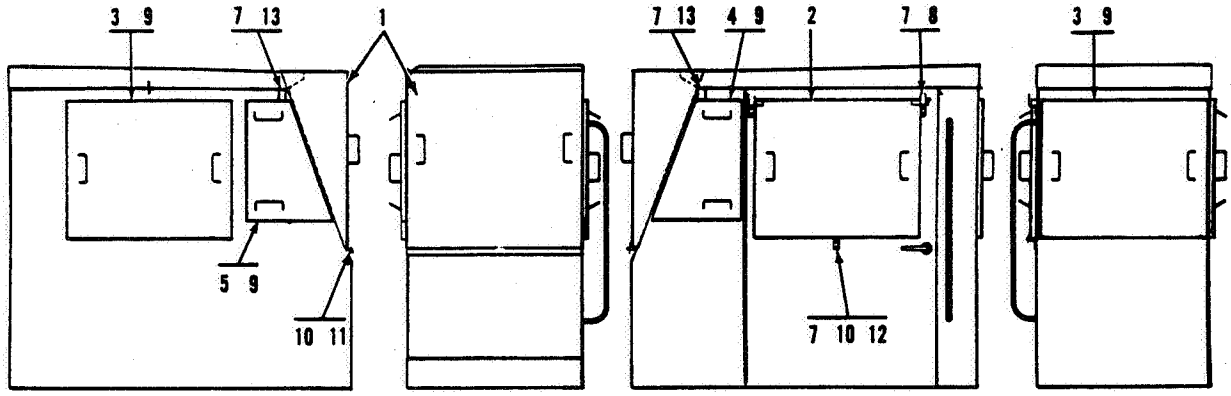


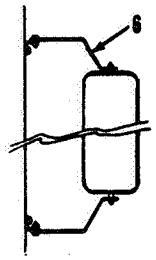
Item	Part No.	Qty.	Description Of Part
	7738-9020	1	KIMSTART WATER HEATER INSTALLATION COMPONENTS (includes all items)
1	8504-1650	1	KIM HOTSTART KIT
2	7738-1526	2	BRACKET
3	8820-1005	6	HEX HD CAPSCREW, 1/4-20X1, GR5
4	8850-1304	4	HEX NUT, 1/4-20
5	8855-1009	4	LOCKWASHER, 1/4
6	8662-1374	2	WASHER
7	8870-2705	4	PIPE, ONE END THREADED, 3/4X2-1/2
8	8871-2082	1	STREET ELBOW, 90 DEGREES, 1/2
9	8666-1087	1	PIPE ADAPTER
10	8871-2234	1	STREET TEE, 1/2
11	7718-3002	2	WATER HOSE
12	8504-1654	4	HOSE CLAMP
13	8871-2083	1	STREET ELBOW, 90 DEGREES, 3/4
14	8871-2235	1	STREET TEE, 3/4
15	8871-1104	2	STREET ELBOW, 90 DEGREES, 3/4
16	8871-1390	2	REDUCING BUSHING, 1X3/4
17	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
18	8850-1006	2	HEX NUT, 3/8-16
19	8855-1011	2	LOCKWASHER, 3/8
20	8871-1005	1	ELBOW, 90 DEGREES, 3/4
21	8870-1005	1	CLOSE NIPPLE, 3/4
22	8870-1006	1	CLOSE NIPPLE, 1"
23	7714-3014	2	WHIZ LOK NUT, 1/4-20

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(7733-5002) WINDOW COVER INSTALLATION COMPONENTS

Revised 12-87





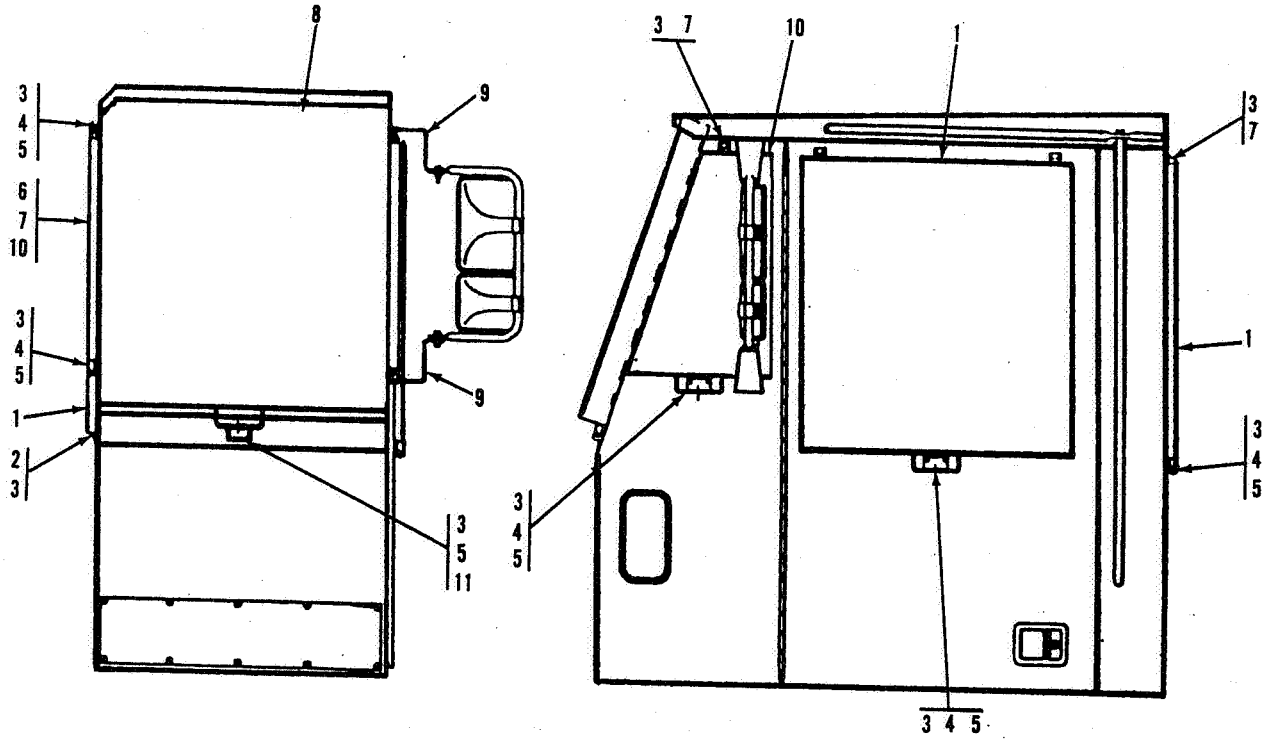
VIEW OF MIRROR MOUNTING

Item	Part No.	Qty.	Description Of Part
	7733-5002	1	WINDOW COVER INSTALLATION COMPONENTS (includes all items)
1	7738-1401	1	FRONT DOOR
2	7738-1402	1	DOOR COVER
3	7738-1403	2	REAR AND SIDE COVER
4	7738-1404	1	L.H. SIDE FRONT COVER
5	7738-1405	1	R.H. SIDE FRONT COVER
6	7738-1406	2	MIRROR EXTENSION ARM
7	8588-1287	10	POP RIVET
8	8505-1380	2	BRACKET
9	8321-1042	8	HITCH PIN CLIP
10	8564-1094	2	PADLOCK
11	8505-1375	1	TAB
12	8505-1381	1	ANGLE
13	7738-1495	2	MOUNTING ANGLE

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(8368-5227) WINDOW COVER INSTALLATION COMPONENTS

Original Issue 4-90

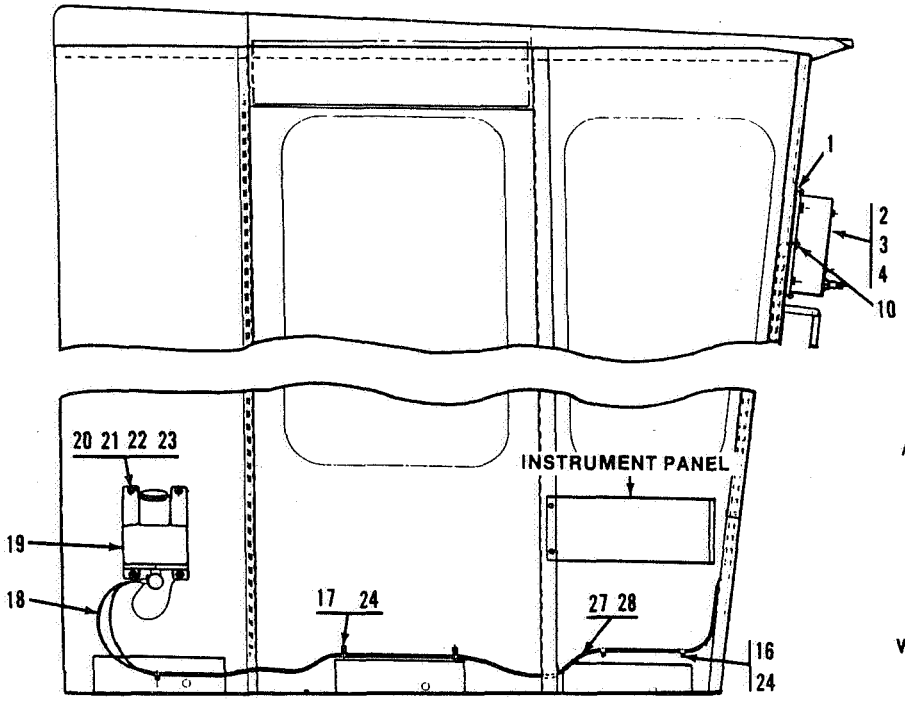


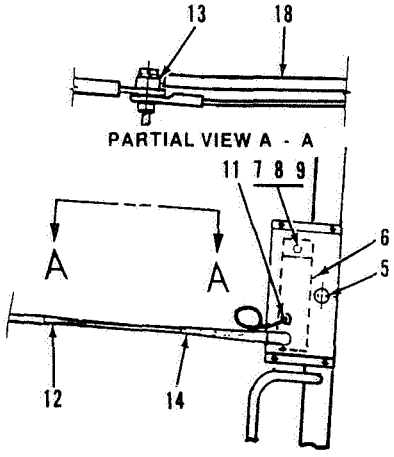
Item	Part No.	Qty.	Description Of Part
	8368-5227	1	WINDOW COVER INSTALLATION COMPONENTS (includes all items)
1	8368-1933	3	REAR & SIDE COVER
2	8368-1939	2	BOTTOM CLIP
3	8588-1287	28	POP RIVET
4	8368-1937	5	LOCK BRACKET
5	8564-1094	6	PADLOCK
6	8368-1935	1	SIDE COVER, R.H.
7	8368-1938	6	TOP CLIP
8	8368-1932	1	FRONT COVER
9	7738-1406	2	MIRROR EXTENSION ARM
10	8368-1934	1	SIDE COVER, R.H.
11	8368-1948	1	LOCK BRACKET

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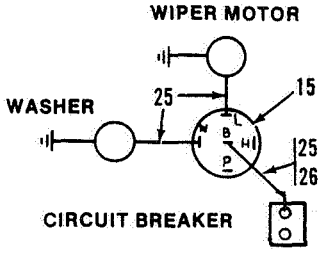
(7734-9002) SINGLE WIPER/WASHER INSTALLATION COMPONENTS

Revised 11-92





ALIGN SPACER, ITEM 5 WITH 7/8" HOLE. WELD IN PLACE.



WIRING SCHEMATIC

Item	Part No.	Qty.	Description Of Part
	7734-9002	1	SINGLE WIPER/WASHER INSTALLATION COMPONENTS (includes all items)
1	8364-1822	1	WIPER BASE PLATE
2	8364-1819	1	WIPER BOX
3	8832-1038	4	SELF-TAPPING SCREW, #10-32X3/8
4	8855-1007	4	LOCKWASHER, #10
5	8364-1820	1	SPACER (field installation only)
6	9020-7246	1	WIPER MOTOR
7	8820-1017	1	HEX HD CAPSCREW, 5/16-18X5/8
8	8850-1005	1	HEX NUT, 5/16-18
9	8855-1010	1	LOCKWASHER, 5/16
10	7716-3117	1	GROMMET
11	8668-3103	1	GROMMET
12	7734-3079	1	WIPER BLADE
13	7734-3080	1	WASHER NOZZLE KIT
14	9103-3464	1	WIPER ARM
15	7736-3141	1	WIPER & WASHER SWITCH

Item	Part No.	Qty.	Description Of Part
16	8869-1387	3	TUBING CLIP, SINGLE
17	8869-1390	2	TUBING CLIP, DOUBLE
18		AR	CLEAR PLASTIC TUBING (13 feet)
19	8368-3085	1	WASHER BOTTLE
20	8820-1003	4	HEX HD CAPSCREW, 1/4-20X3/4, GR5
21	8850-1004	4	HEX NUT, 1/4-20
22	8855-1009	4	LOCKWASHER, 1/4
23	8856-1107	4	FLAT WASHER, 1/4
24	8832-1021	5	SELF-TAPPING SCREW, #8-32X5/16
25	7716-3102	5	FEMALE SPADE TERMINAL
26	8698-3188	1	RING TERMINAL, #10
27		AR	NYLON WOVEN LOOM (30 foot)
28		AR	WIRE 16 GAUGE BLACK (216 inches)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.