



2044
2044 (EU)
2054
2054 (EU)
SKID-STEER LOADER

PARTS
MANUAL

PART #917027

Revision F - 05/07



Mustang Manufacturing Company, Inc.

Introduction

For your safety and continued proper operation, use only genuine MUSTANG® service parts. When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number.

The model and serial number decal for this unit is located on the left chassis upright. “Right” and “Left” are determined from a position sitting on the seat and facing forward.

MUSTANG Manufacturing Company, Inc. reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any previously delivered units.

NOTE: *Purchase equivalent, quality tires for your loader. Contact your dealer for replacement tire information.*

NOTE: *Replacement batteries are not provided by MUSTANG. For battery specifications see “Engine and Engine Controls” chapter. ALL REPLACEMENT BATTERIES MUST BE PURCHASED LOCALLY.*

Refer to the abbreviations table located on this page for the various fastener descriptions. Standard attaching hardware torque values are also provided on the inside back cover. **If a part requires lubrication or a nonstandard torque value, it will be specified behind the part number description in parenthesis.**

Items shown in the parts list that do not have part numbers are shown for reference purposes only and are NOT available for purchase.

Dimensions are in inches unless otherwise specified.

NOTE: *The following abbreviations and symbols may be used herein:*

A	Ampere
AR	As Required
ASSY	Assembly
CCA	Cold Cranking Amperage
CYL.	Cylinder
FL.	Flare
FOPS	Falling Object Protective Structure
FRT	Front
GA	Gauge
HEX	Hexagon
HF.	High-Flow
JIC	Joint Industrial Council
kW	Kilowatt
LBS	Pounds
LT.	Left
M	Metric
MM (mm). . . .	Millimeter
NA	Naturally Aspirated
N/A	Not Applicable
NEG	Negative
NILN	Nylon Insert Lock Nut
N•m	Newton meter
NO	Number
NPT.	National Pipe Thread
OPER.	Operator
POS	Positive
PSI	Pounds per Square Inch
QTY	Quantity
REF	Reference
REQD.	Required
ROPS	Roll-Over Protective Structure
RPM	Revolutions Per Minute
RT.	Right
SAE.	Society of Automotive Engineers
SN.	Serial Number
SQ.	Square
ST.	Straight
TURBO	Turbocharged
V	Volt

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TABLE OF CONTENTS

DESCRIPTION

PAGE

SECTION A: MAIN LOADER COMPONENTS

Mainframe	1
Wheel Drives	5
Engine and Engine Controls	11
Fuel System	13
Muffler/Exhaust	15
Air Cleaner and Water Bottle	17
Cooler Water System	19
Brake System.	25
Hydrostatic Mount and Linkage	27
Hydrostatic Plumbing	31
Charge, Cooler and Return Filter Plumbing	41
Auxiliary Circuit Plumbing	43
Tilt Circuit Plumbing	45
Lift Circuit Plumbing	49
High Flow Plumbing.	51
Self-Leveling Valve Plumbing.	55
Foot Pedal Control and Cabin Panel.	57
Steering Controls.	59
Lift Arm	63
Attachment System	67
ROPS/FOPS	73
Seat, Seat Mounting and Restraint Bar	77
Rear Door and Engine Cover	81
Electrical - Tail Lights	83
Electrical - Brakes	87
Electrical - Instrument Panel.	91
Tires	95
Sound Suppression.	97
Decals.	102

SECTION B: HYDRAULIC COMPONENTS

Lift Cylinder	115
Tilt Cylinder	117
Drive Motor and Parking Brake	119
Tandem Pump	123
Gear Pump	131
Main Control Valve.	135
Self-Leveling Valve	151
Brake Solenoid Valve.	153
High-Flow Solenoid Valve	155

SECTION C: ENGINE SERVICE PARTS (4TNE84/88 ENGINES ONLY)

Cylinder Block	159
Gear Housing	161
Flywheel Housing and Oil Sump.	163
Cylinder Head and Bonnet	165
Camshaft and Driving Gear.	167
Crankshaft and Piston.	169
Suction Manifold	171
Exhaust Manifold.	173

TABLE OF CONTENTS

DESCRIPTION

PAGE

SECTION C: ENGINE SERVICE PARTS (4TNE84/88 ENGINES ONLY)

Lubrication Oil System	175
Cooling Water System	177
Fuel Injection Pump.	179
Governor	183
Fuel Injection Valve.	187
Fuel Filter and Mount	189
Starting Motor.	191
Alternator	193
Gasket Set	195

SECTION D: ATTACHMENTS

2044 Construction Buckets	199
2054 Construction Buckets	201
2044/2054 Pallet Forks	203
2044/2054 Utility Fork and Grapple	205
2044/2054 Industrial Grapple Bucket - Single-Pin and Two-Pin.	207

SECTION E: KITS AND ACCESSORIES

Cab Door/Side Windows Kit 490-33375	213
Windshield Wiper Motor and Washer Kit	215
Cab Heater Kit 810739 - 2044: SN P4301 and Up. 2054: SN V6801 and Up.	217
Standard Cab Heater Kit 490-33381 - 2044: SN P4300 and Before. 2054: SN V6800 and Before	219
Heavy-Duty Cab Heater Kit - 2044: SN P4300 and Before. 2054: SN V6800 and Before	221
Backup Alarm Kit.	223
Horn Kit.	225
Side Window Half-Glass Kit 490-33305	227
Interior Dome Light Kit.	229
Pre-Cleaner Kit	231
Strobe Light Kit 808279 - 2044: SN P4301 and Up. 2054: SN V6801 and Up	233
Strobe Light Kit - 2044: SN P4300 and Before. 2054: SN V6800 and Before	235
Cab Door Lift Arm Interlock Kit	237
Rearview Mirror Kit	239
Engine Auto-Shutdown Kit	241
Impact-Resistant Door Kit	243
Single-Point Lift Kit 810834 - 2044: SN P4301 and Up. 2054: SN V6801 and Up.	245
Single-Point Lift Kit 655-090 - 2044: SN P4300 and Before. 2054: SN V6800 and Before	247
Full-Sliding Side Glass Kit 490-33306	249
Self-Leveling Valve Kit 490-33382.	251
2054 High-Flow Hydraulics Kits - 490-33575 and 490-33576.	253
Cab Door Kit 490-33374	257
Fast-A-Tach™ Kit 175240 - 2044: SN P4301 and Up. 2054: SN V6801 and Up.	259
Sound Suppression Kit 810828 - 2044: SN P4301 and Up. 2054: SN V6801 and Up	261
Universal Radio Kit 810946	263
Other Available Accessories	264
Numerical Index	266
O-Ring Table, Coupling & Adapter Torque Table	281

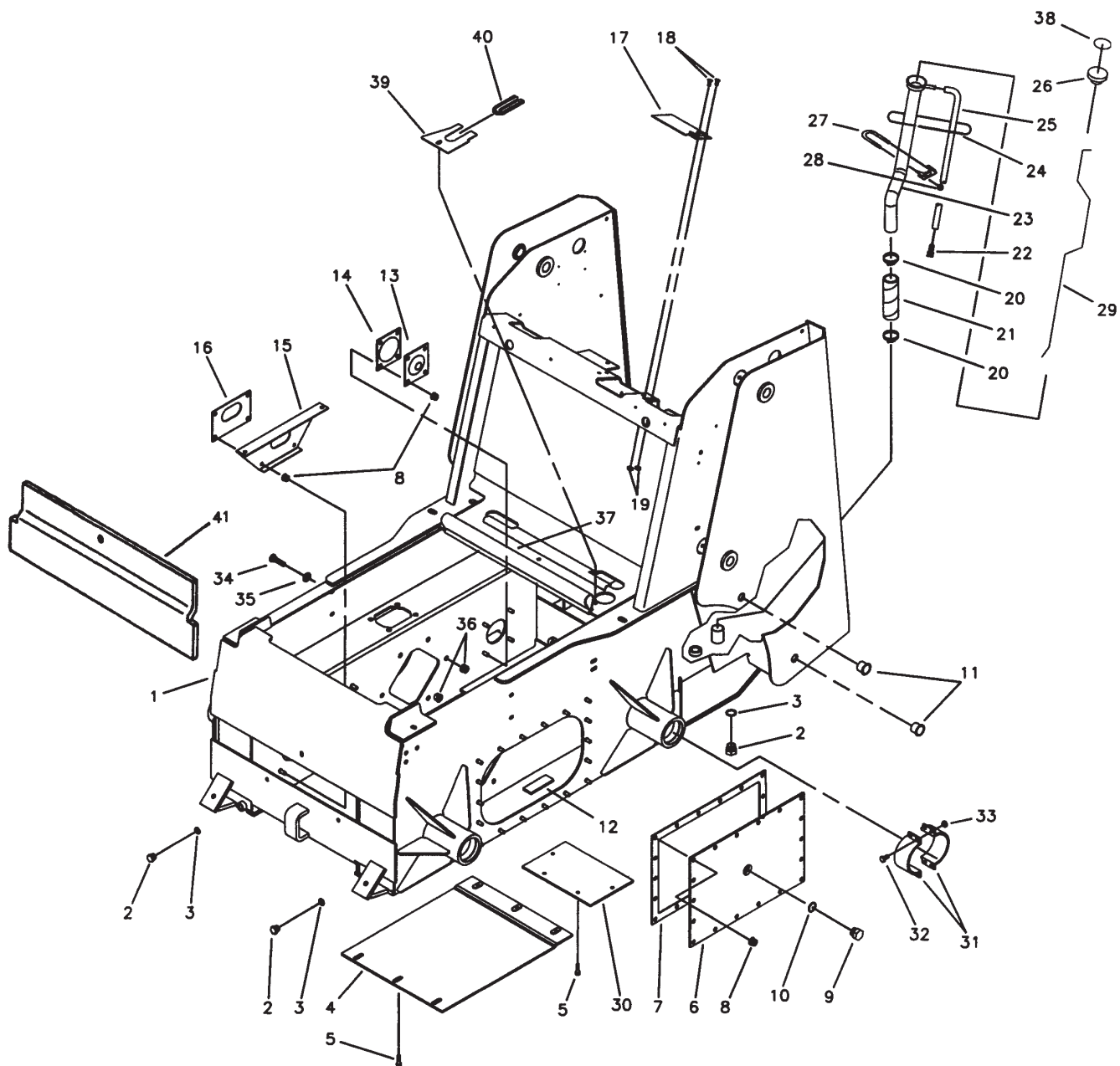
SECTION F: SCHEMATICS

Schematics	283
Torque Specifications Table.	Inside Back Cover

SECTION A: MAIN LOADER COMPONENTS

Mainframe	1
Wheel Drives.	5
Engine and Engine Controls	11
Fuel System.	13
Muffler/Exhaust	15
Air Cleaner and Water Bottle.	17
Cooler Water System	19
Brake System	25
Hydrostatic Mount and Linkage	27
Hydrostatic Plumbing.	31
Charge, Cooler and Return Filter Plumbing	41
Auxiliary Circuit Plumbing.	43
Tilt Circuit Plumbing	45
Lift Circuit Plumbing.	49
High Flow Plumbing	51
Self-Leveling Valve Plumbing	55
Foot Pedal Control and Cabin Panel	57
Steering Controls	59
Lift Arm	63
Attachment System	67
ROPS/FOPS	73
Seat, Seat Mounting and Restraint Bar	77
Rear Door and Engine Cover	81
Electrical - Tail Lights	83
Electrical - Brakes	87
Electrical - Instrument Panel	91
Tires.	95
Sound Suppression	97
Decals	102

2044 Models

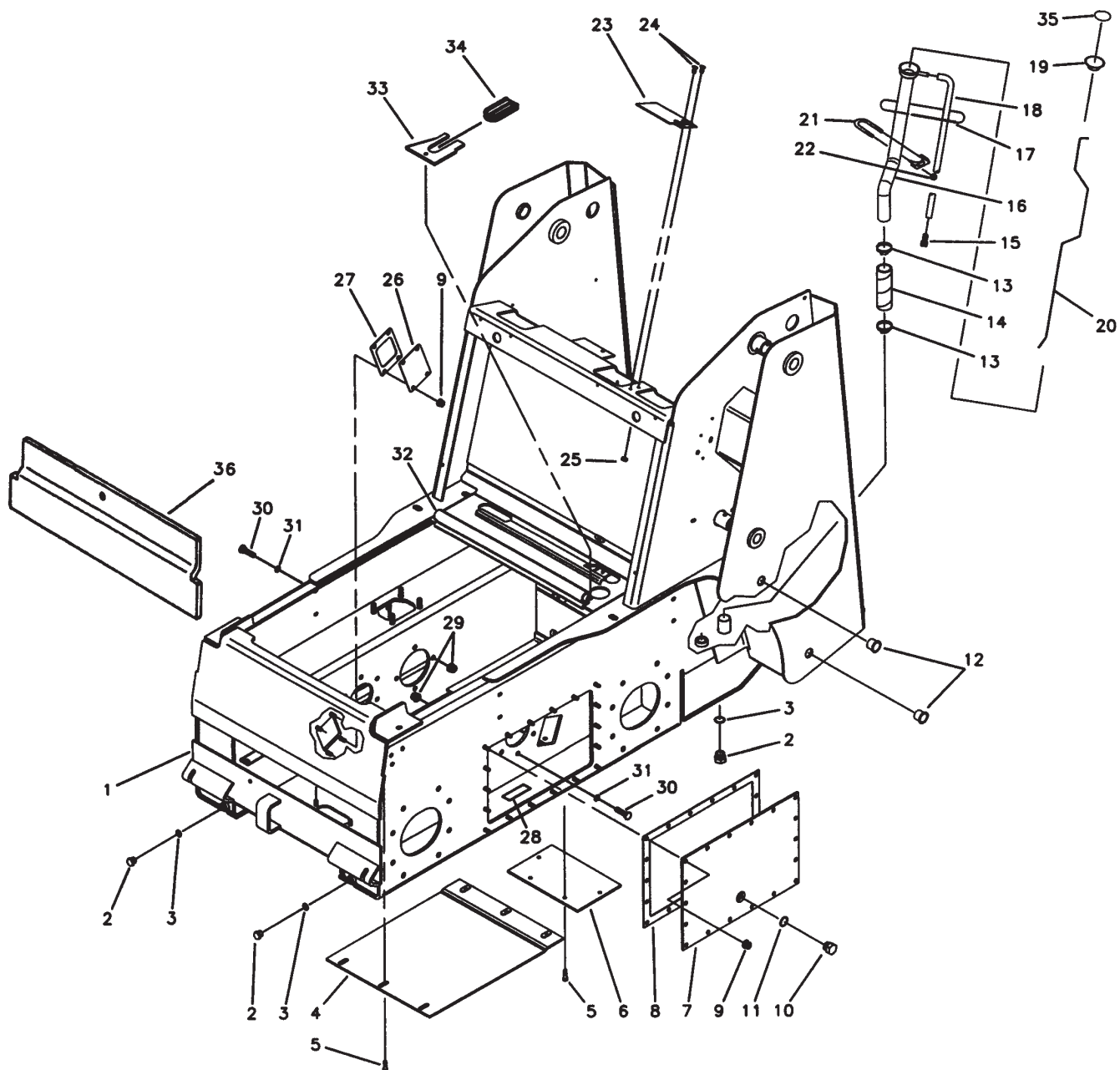


Ref. No.	Part No.	Description	Quantity 2044
1	175135B	MAINFRAME	1
	120-32963A	MAINFRAME	1
2	131529	PLUG 3/4-16 SAE W/O-RING	3
3	350-32423	O-RING 3/4	3
4	330-33700	PAN/BELLY	1
5	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	10
6	330-33690	COVER/CHAINCASE	2
7	130-32229	GASKET/CHAINCASE COVER	2
8	070856	NUT/HEX WHIZLOCK 3/8-16NC	52
9	131522	PLUG/1-1/16-12 SAE	2
10	350-27267	O-RING 1-1/16	2
11	420-35971	PLUG/COUNTERWEIGHT MOUNTING HOLE	4
12	189140	MAGNET/CERAMIC	2
13	187889	COVER/AXLE ACCESS REAR	2
14	130-32201	GASKET	2
15	330-33723	COVER/AXLE ACCESS FRONT	2
16	130-32231	GASKET	2
17	330-33731	DOOR/FUEL	1
18	650949	SCREW/TRUSS HEAD 5/16-18NC X 3/4	2
19	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2
20	420-34803	CLAMP/HOSE	2
21	170-34119	HOSE/TUBE TO TANK	1
22	170-34770	VENT/FILTER	1
23	170-34711	TUBE/FILL	1
24	055648	TIE/CABLE	1
25	420-34933	HOSE/FILL NECK DRAIN	1
26	420-34775	CAP/FILL TUBE	1
27	194298	CLAMP/MUFFLER	1
28	071701	NUT/HEX CENTERLOCK 5/16-18NC	2
29	420-35848	DIPSTICK/HYDRAULIC RESERVOIR	1
30	330-33662	COVER/FLOOR REAR BOTTOM	1
31	330-33118	GUARD/AXLE SEAL	8
32	310-19536	SCREW/CAP 3/8-16NC X 1	16
33	071703	NUT/HEX CENTERLOCK 3/8-16NC	16
34	030-31956	BOLT/HUB 1/2-20NF X 1-35/64	12
35	350-17647	O-RING	12
36	210-32154	NUT/HEX FLANGED LOCK 1/2-20NF	12
37	420-35716	BULB SEAL/SEAT PLATE	1
38	420-36004	DECAL/RESERVOIR CAP	1
39	330-33738	PROTECTOR/WIRE HARNESS	1
40	191449	EDGE/TRIM BULBSEAL	2
41	330-33673	COVER/FRONT	1
	076588	SCREW/CAP LOCKING 3/8 X 3/4	1

A) SN P4300 AND BEFORE

B) SN P4301 AND UP

2054 Models

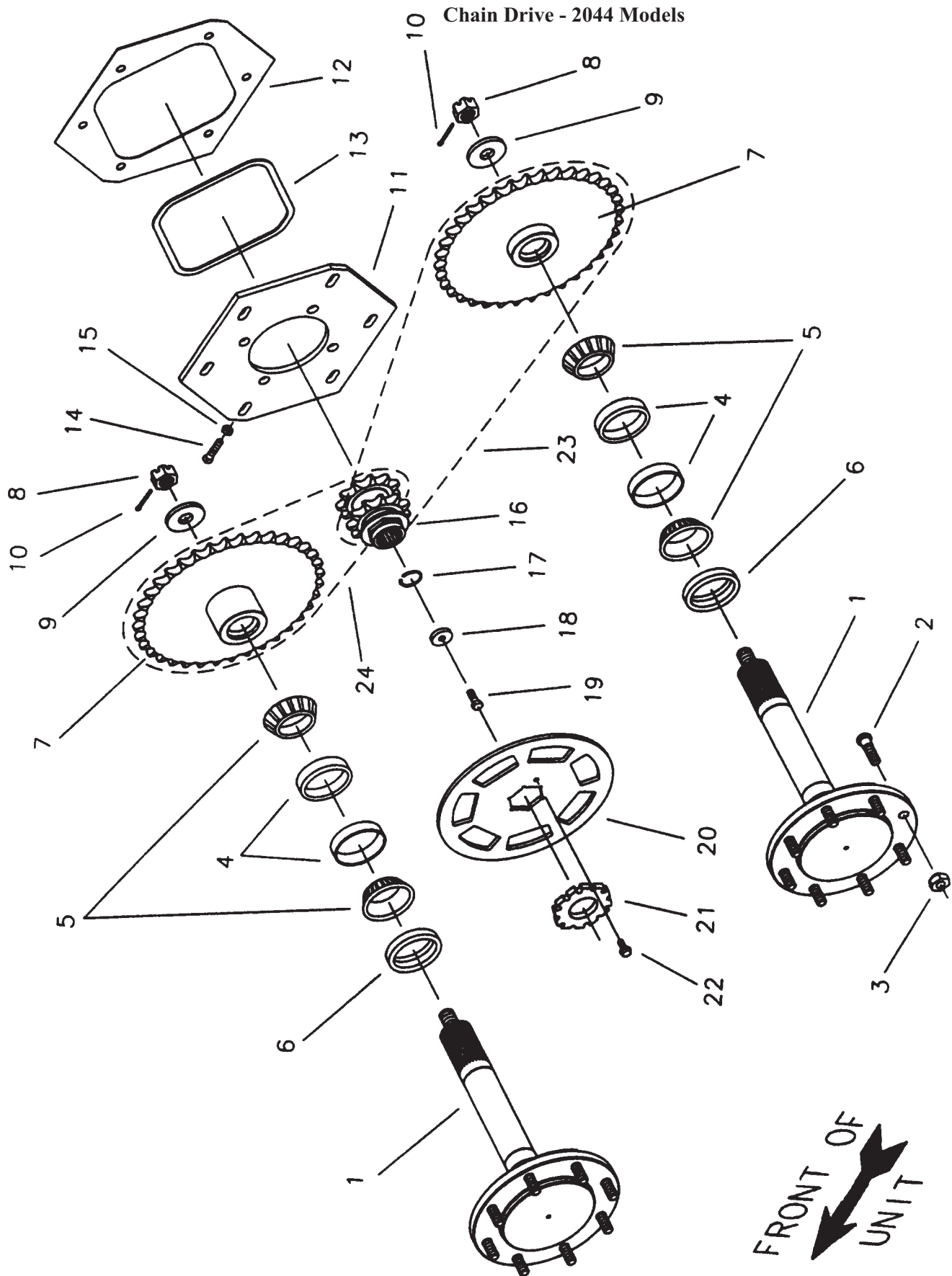


Ref. No.	Part No.	Description	Quantity 2054
1	175136B	MAINFRAME	1
	120-32942A	MAINFRAME	1
2	131529	PLUG 3/4-16 SAE W/O-RING	3
3	350-32423	O-RING 3/4	3
4	330-33700	PAN/BELLY	1
5	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	10
6	330-33662	COVER/FLOOR REAR BOTTOM	1
7	330-33690	COVER/CHAINCASE OUTSIDE	2
8	130-32229	GASKET/CHAINCASE COVER	2
9	070856	NUT/HEX WHIZLOCK 3/8-16NC	44
10	131522	PLUG/1-1/16-12 SAE	2
11	350-27267	O-RING 1-1/16	2
12	420-35971	PLUG/COUNTERWEIGHT MOUNTING HOLE	4
13	420-34803	CLAMP/HOSE	2
14	170-34119	HOSE/TUBE TO TANK	1
15	170-34770	VENT/FILTER	1
16	170-34711	TUBE/FILL	1
	170-34936	TUBE/FILL (2054 HIGH FLOW MODELS)	1
17	055648	TIE/CABLE	2
18	420-34933	HOSE/FILL NECK DRAIN	1
19	420-34775	CAP/FILL TUBE	1
20	420-35848	DIPSTICK/HYDRAULIC RESERVOIR	1
21	194298	CLAMP/MUFFLER	1
22	071701	NUT/HEX CENTERLOCK 5/16-18NC	2
23	330-33731	DOOR/FUEL	1
24	650949	SCREW/TRUSS HEAD 5/16-18NC X 3/4	2
25	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2
26	330-33645	COVER/CHAINCASE INSIDE	2
27	130-32222	GASKET	2
28	189140	MAGNET/CERAMIC	2
29	210-32154	NUT/HEX FLANGED LOCK 1/2-20NF	20
30	030-31951	BOLT/SERRATED 1/2-20NF X 1-15/16	20
31	350-17647	O-RING	8
32	420-35716	BULB SEAL/SEAT PLATE	1
33	330-33738	PROTECTOR/WIRE HARNESS	1
34	191449	EDGE/TRIM BULBSEAL	2
35	420-36004	DECAL/RESERVOIR CAP	1
36	330-33673	COVER/FRONT	1
	076588	SCREW/CAP LOCKING 3/8 X 3/4	1

A) SN V6800 AND BEFORE

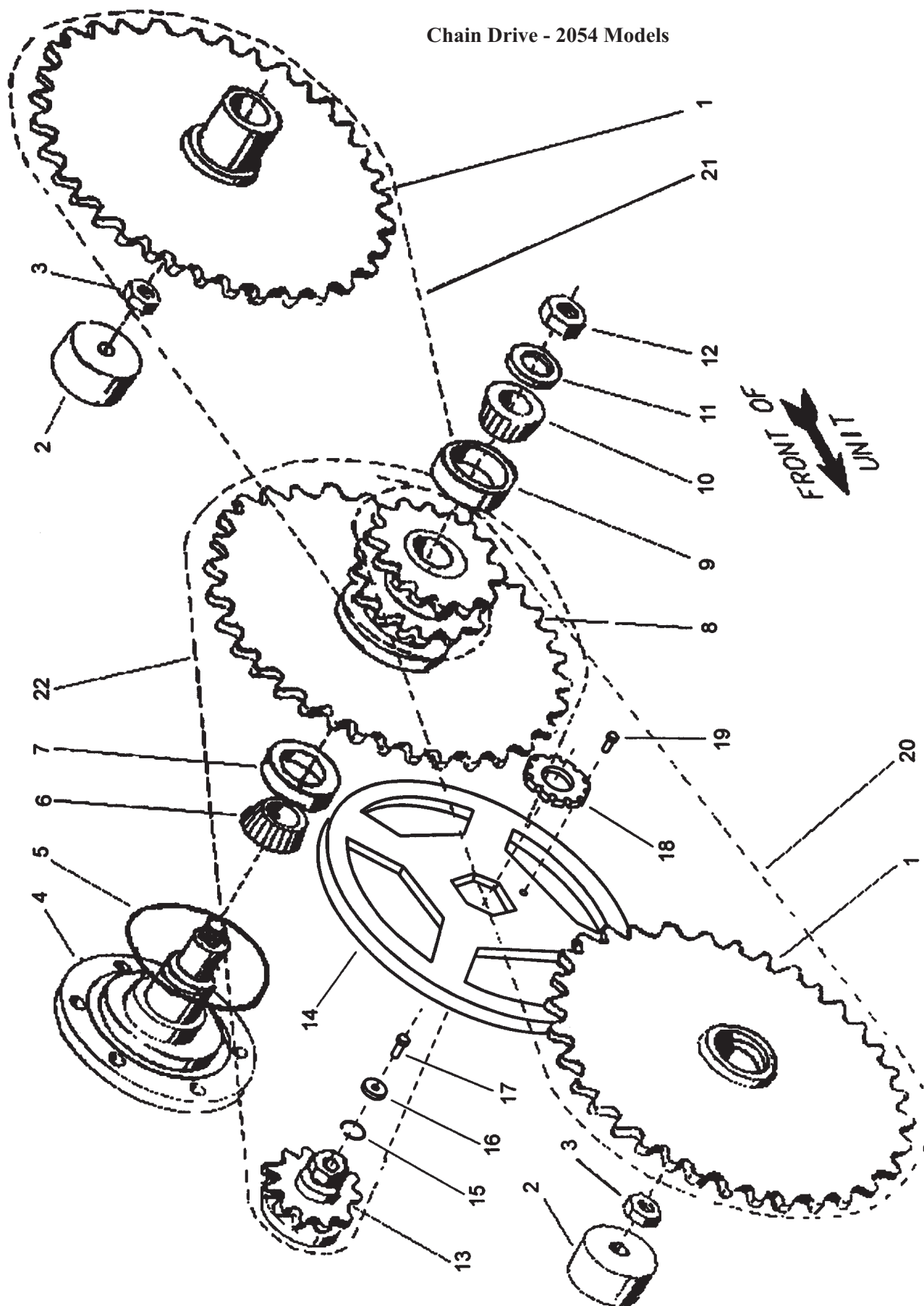
B) SN V6801 AND UP

Chain Drive - 2044 Models



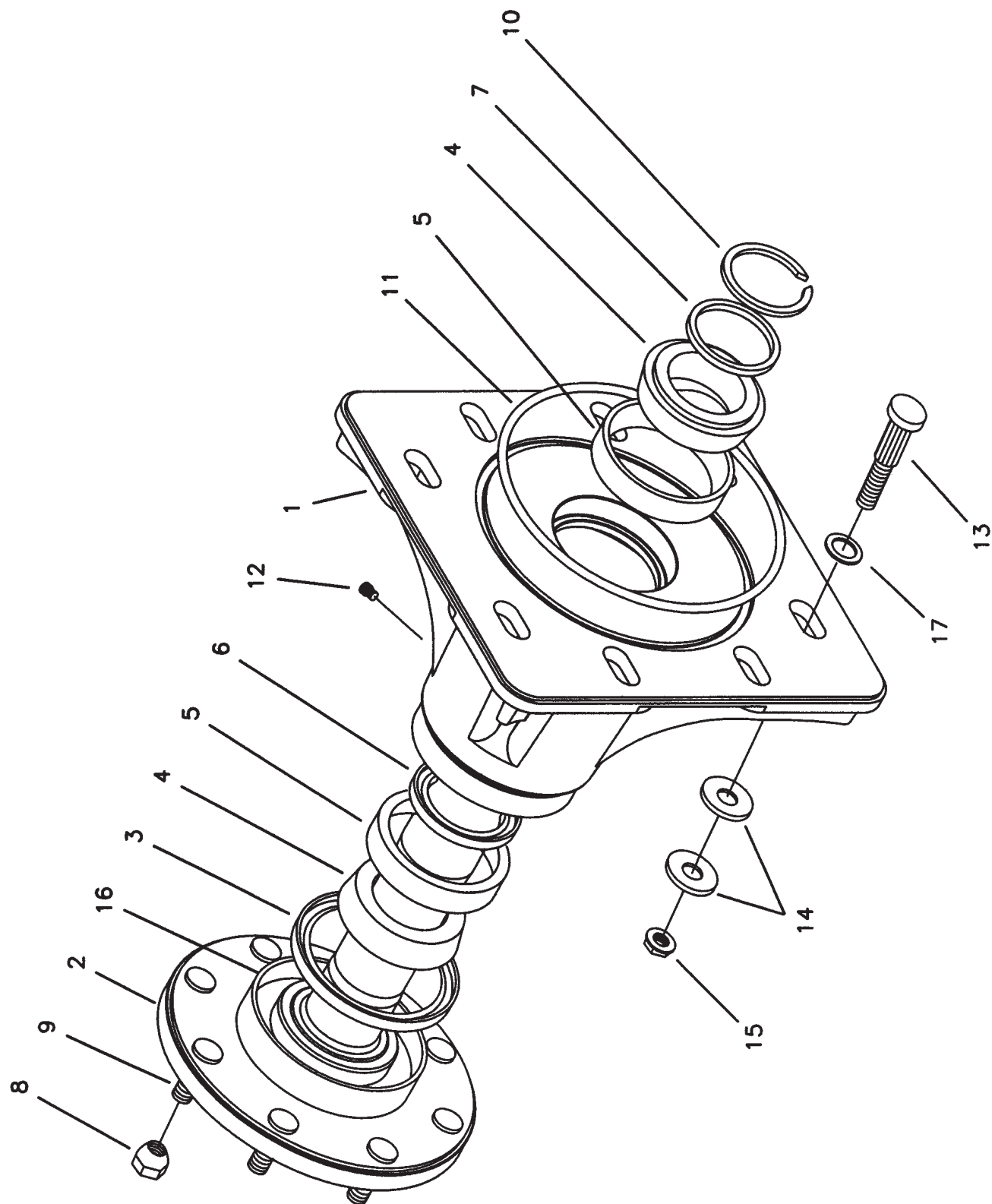
Ref. No.	Part No.	Description	Quantity 2044
1	320-32684	ASSEMBLY/AXLE AND LUG	4
2	030-20745	BOLT/LUG	32
3	210-20746	NUT/WHEEL BOLT 9/16	32
4	044205	BEARING/CUP	8
5	044204	BEARING/CONE	8
6	335-20740	SEAL	4
7	370-32193	SPROCKET/AXLE	4
8	653102	NUT/HEX SLOTTED 7/8-14NF	4
9	400-32535	WASHER/SPECIAL	4
10	651160	PIN/COTTER 5/32 X 1-1/2	4
11	160-32898	PLATE/MOTOR MOUNT	2
12	160-32900	PLATE/GASKET SPACER	2
13	130-32230	GASKET	2
14	310-18364	SCREW/SET SQUARE HEAD 3/8-16NC X 1-1/2	2
15	653038	NUT/HEX JAM 3/8-16NC	2
16	370-32195	MOTOR/SPROCKET 80-C-11	2
17	350-32578	RING/SNAP	2
18	400-32562	WASHER/SPECIAL	2
19	651297	SCREW/CAP 3/8-16NC X 1	2
20	160-32909	DISC/BRAKE	2
21	210-32176	NUT/SPECIAL	2
22	650985	SCREW/CAP SELF-TAPPING 5/16-18NC X 3/4	2
23	080-32285	ASSEMBLY/ROLLER CHAIN 80HK LEFT FRONT/RIGHT REAR	2
24	080-32286	ASSEMBLY/ROLLER CHAIN 80HK LEFT REAR/RIGHT FRONT	2
25	080-32180	LINK/CONNECTING 80HK	4

Chain Drive - 2054 Models

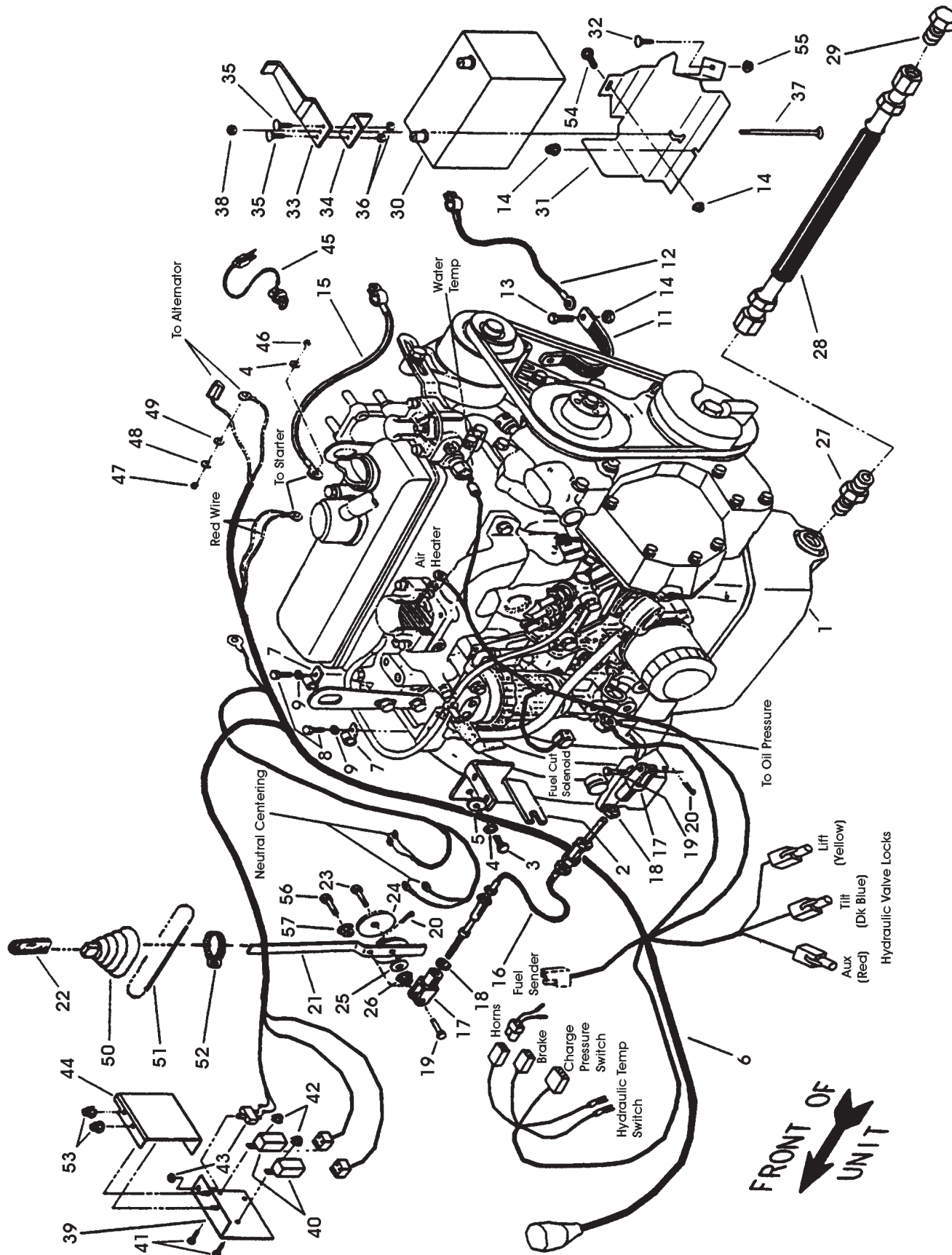


Ref. No.	Part No.	Description	Quantity 2054
1	370-32189	SPROCKET/AXLE	4
2	360-32628	GUIDE	4
3	210-19533	NUT/HEX CENTERLOCK FLANGED 3/8-16NC	4
4	320-32677	SHAFT/DRIVE PRIMARY	2
5	350-32540	O-RING	2
6	083108	CONE/BEARING	2
7	520013	CUP/BEARING	2
8	370-32187	SPROCKET/CLUSTER	2
9	010-32416	CUP/BEARING	2
10	010-32415	CONE/BEARING	2
11	651151	WASHER/FLAT	2
12	210-21110	NUT/LOCK NYLON INSERT 1-1/4	2
13	370-32205	MOTOR/SPROCKET 60-C-17	2
14	160-32857	DISC/BRAKE	2
15	350-32578	RING/SNAP	2
16	400-32562	WASHER/SPECIAL	2
17	651297	SCREW/CAP 3/8-16NC X 1	2
18	210-32176	NUT/SPECIAL	2
19	650985	SCREW/CAP SELF-TAPPING 5/16-18NC X 3/4	2
20	080-32284	ASSEMBLY/ROLLER CHAIN 80HK LEFT REAR/RIGHT FRONT	2
21	080-32283	ASSEMBLY/ROLLER CHAIN 80HK LEFT FRONT/RIGHT REAR	2
22	080-32269	ASSEMBLY/ROLLER CHAIN WITH CONNECTOR	2
23	080-32252	LINK/CONNECTOR	2

Axle and Housing - 2054 Models



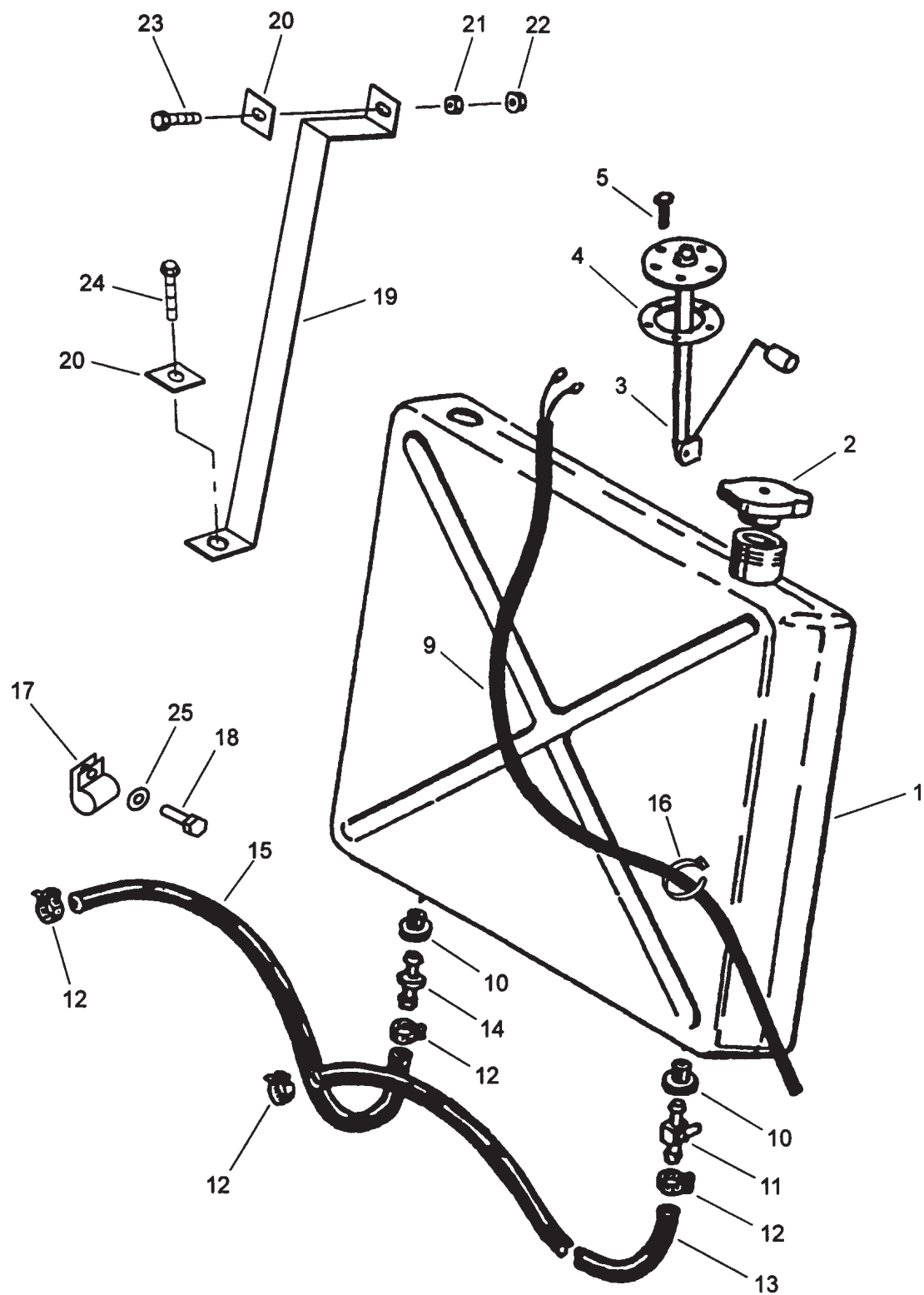
Ref. No.	Part No.	Description	Quantity 2054
	246-26596	ASSY/AXLE AND SUPPORT	1
1	160-32871	HOUSING/AXLE	4
2	320-32679	ASSEMBLY/AXLE AND LUG	4
3	335-32290	SEAL/OUTER	4
4	083108	BEARING/CONE	8
5	520013	BEARING/CUP	8
6	335-32291	SEAL/INNER	4
7	400-32536	WASHER/SPECIAL .226	AR
	400-32537	WASHER/SPECIAL .230	AR
	400-32538	WASHER/SPECIAL .234	AR
	400-32549	WASHER/SPECIAL .238	AR
	400-32548	WASHER/SPECIAL .242	AR
	400-32539	WASHER/SPECIAL .246	AR
	400-32540	WASHER/SPECIAL .250	AR
	400-32541	WASHER/SPECIAL .254	AR
8	210-20746	NUT/LUG	32
9	030-20745	BOLT/LUG	32
10	350-32569	RING/SNAP	4
11	350-32542	O-RING	4
12	230-21881	PLUG	4
13	030-31958	BOLT/SERRATED 5/8-18NF X 2-1/4	32
14	400-32557	WASHER/SPECIAL	64
15	131608	NUT/HEX LOCK FLANGED 5/8-18NF	32
16	330-33704	SEAL PROTECTOR/AXLE	4
17	350-32594	O-RING	32



Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	184218B	ENGINE/YANMAR 4TNV88 (SERVICE PARTS LISTED NEXT)	1	1
	137500	FILTER/OIL, 182130 FILTER/FUEL, 188636 ALTERNATOR, 188586 STARTER, 188497 V-BELT, 184379 BRACKET/FUEL PUMP	1	-
	981-01916A	ENGINE/YANMAR 4TNE84	1	-
	981-01889A	ENGINE/YANMAR 4TNE88	-	1
2	040-33581	BRACKET/THROTTLE CABLE	1	1
3	656001	SCREW/CAP M8-1.25 X 20 MM	2	2
4	656110	WASHER/LOCK M10	3	3
5	654004	WASHER/FLAT 5/16	2	2
6	184380B	WIRE HARNESS/ENGINE END	1	1
	420-35799A	WIRE HARNESS/ENGINE END	1	1
	055648	TIE/CABLE SHORT	3	3
	074091	TIE/CABLE LONG	1	1
7	136226	CLIP/INSULATED	2	2
8	656006	SCREW/CAP M10-1.50 X 20 MM	2	2
9	654028	WASHER/LOCK 7/16	2	2
11	420-35852	WIRE/GROUND	1	1
12	075028	CABLE/BATTERY NEGATIVE (-)	1	1
13	076589	SCREW/CAP WHIZLOCK 3/8-16NC X 1	1	1
14	070856	NUT/HEX WHIZLOCK 3/8-16NC	5	5
15	420-34769	CABLE/BATTERY POSITIVE (+)	1	1
16	090-32042	CABLE/THROTTLE	1	1
17	200-32287	YOKE	2	1
18	650648	NUT/HEX #10-32NF	2	2
19	220-16148	PIN/CLEVIS 1/4 X 1	2	1
20	655001	PIN/COTTER 1/16 X 3/4	2	1
21	090-32479	HANDLE/THROTTLE	1	1
22	420-34900	GRIP/THROTTLE	1	1
23	310-32622	SCREW/CAP 3/8-16NC X 1-3/8	1	1
24	400-32476	WASHER/FRICTION	1	1
25	124078	WASHER/BELLEVILLE 3/8	2	2
26	210-19533	NUT/HEX FLANGED CENTERLOCK 3/8-16NC	1	1
27	230-32605	ADAPTER/SPECIAL	1	1
28	170-34456	HOSE/HYDRAULIC	1	1
29	230-19504	PLUG	1	1
30	REF	BATTERY 700 CCA	1	1
31	160-32899	PLATE/BATTERY SUPPORT	1	-
	160-32860	PLATE/BATTERY SUPPORT	-	1
32	650834	BOLT/CARRIAGE 1/2-13NC X 1-1/2	1	-
	070856	NUT/HEX WHIZLOCK 3/8-16NC	-	3
33	390-32773	CLAMP/BATTERY HOLDDOWN	1	1
34	040-33432	STOP/BATTERY	1	1
35	030-19655	BOLT/CARRIAGE 5/16-18NC X 3/4	2	2
36	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2	2
37	030-31873	BOLT/CARRIAGE 3/8-16NC X 9-1/2	1	1
38	210-19533	NUT/HEX FLANGED LOCK 3/8-16NC	1	1
39	040-33634	BRACKET/RELAY MOUNT	1	1
40	420-35602	RELAY	2	2
41	650542	SCREW/CAP 1/4-20NC X 1/2	2	2
42	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	4	4
43	420-35569	BREAKER/CIRCUIT 35 A	1	1
44	330-33650	COVER	1	1
45	121480	HEATER/FROST PLUG (CORD P/N ONLY: 121481) (OPTIONAL)	1	1
46	656048	NUT/HEX M8-1.25	1	1
47	210-32082	NUT/HEX M5	1	1
48	650549	WASHER/LOCK #10	1	1
49	650584	WASHER/FLAT #10	1	1
50	420-35171	BOOT/BELLOWS	1	1
51	061166	CLAMP/HOSE	1	1
52	055648	TIE/CABLE SMALL	1	1
53	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2	2
54	650704	BOLT/CARRIAGE 5/8-16NC X 1	2	2
55	210-19530	NUT/HEX FLANGED CENTERLOCK 1/2-13NC	1	1
56	651662C	SCREW/CAP M6 X 40 MM	1	1
57	656047C	NUT/HEX M6	1	1

A) 2044: SN ~ P3141. 2054: SN ~ Q5402. B) 2044: SN P3142 ~. 2054: SN Q5403 ~. C) 2044: SN P4301 ~. 2054: SN V6801 ~

ENGINE IDLE AND HIGH IDLE RPM CHART		
TYPE OF ENGINE	IDLE (RPM)	HIGH IDLE (RPM)
4TNE84 - Mustang 2044	1200±50	3120±50
4TNE84 W/ SOUND PKG	1200±50	3100±50
4TNE88 - Mustang 2054	1200±50	3200±50
4TNV88 - 2044/2054	1200±50	3150±50
4TNV88 - 2044/2054 W/ SOUND PKG	1200±50	2775±25

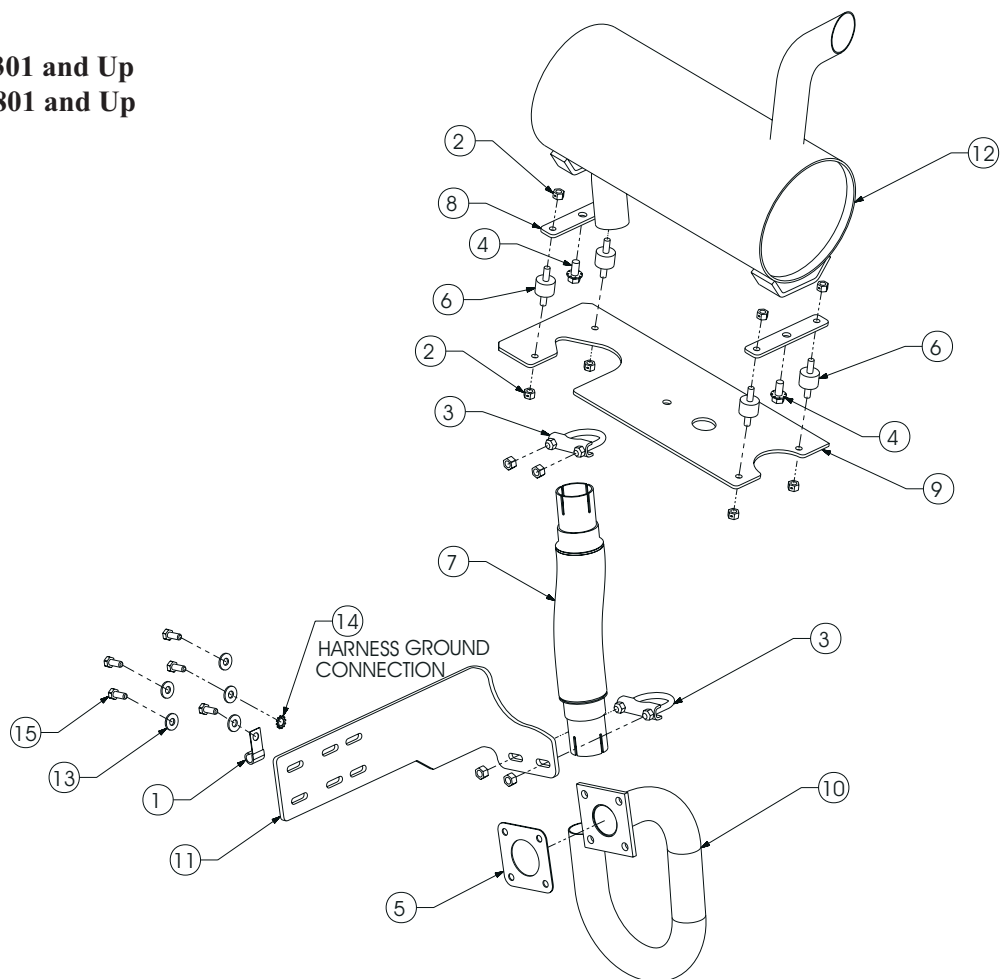


Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-34543	TANK/FUEL	1
2	420-36041	CAP/FUEL	1
	420-35589	CAP/FUEL ANTI-SPILL	1
3	420-34509	SENDER/FUEL GAUGE	1
4	130-20364	GASKET	1
5	310-32322	SCREW/MACHINE #10-32NF X 1/2	5
9	420-34548	WIRE HARNESS/FUEL SENDER	1
10	073024	BUSHING	2
11	170-33837	VALVE/SHUT-OFF FUEL	1
12	062023	CLAMP/HOSE	4
13	420-34933B	HOSE/FUEL 5/16 X 31	1
	420-29746A	HOSE/FUEL TANK TO FUEL PUMP	1
14	081840	FITTING/BARBED	1
15	184941B	HOSE/FUEL RETURN TO TANK	1
	420-34933A	HOSE/FUEL RETURN TO TANK	1
16	055648	TIE/CABLE	3
17	076147	CLIP/INSULATED	4
18	310-32470	SCREW/CAP M8-1.25 X 12 MM	2
19	390-32814	STRAP/FUEL TANK	1
20	400-32570	WASHER/SPECIAL	2
21	653010	NUT/HEX 3/8-16NC	1
22	070856	NUT/HEX WHIZLOCK 3/8-16NC	1
23	310-32622	SCREW/CAP 3/8-16NC X 1-1/4	1
24	310-19536	SCREW/CAP 3/8-16NC X 1	1
25	654004	WASHER/FLAT 5/16	2

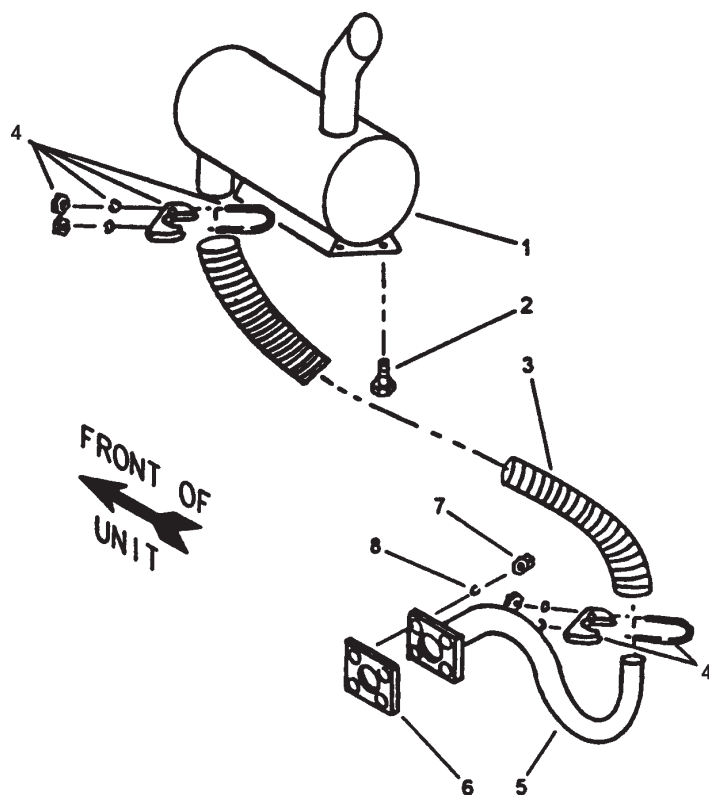
A) 2044: SN P3141 AND BEFORE. 2054: SN Q5402 AND BEFORE

B) 2044: SN P3142 AND UP. 2054: SN Q5403 AND UP

2044: SN P4301 and Up
2054: SN V6801 and Up



2044: SN P4300 and Before
2054: SN V6800 and Before



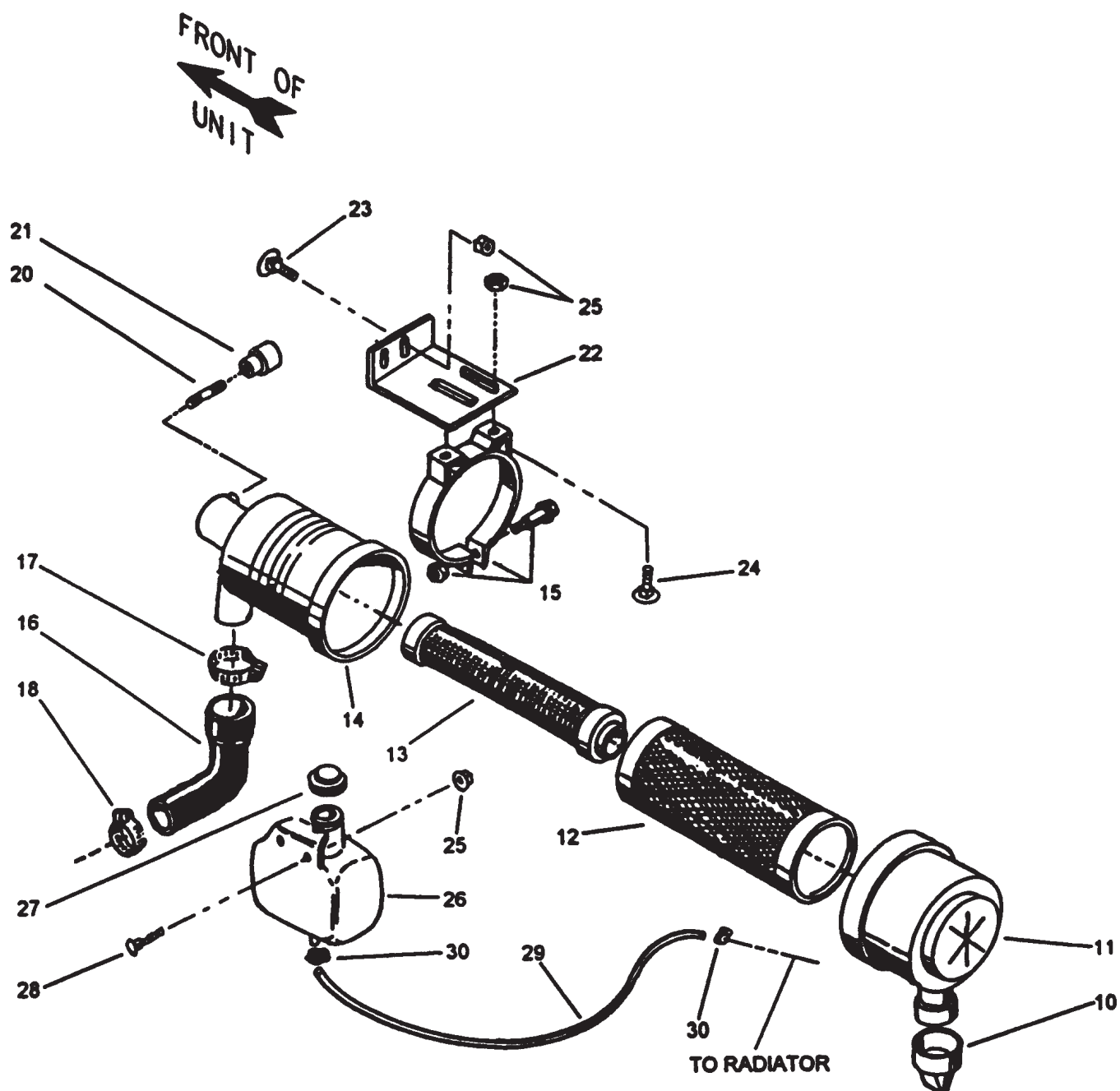
Ref. No.	Part No.	Description	Quantity 2044/2054(A)
1	058615	CLAMP/INSULATED HOSE	1
2	071701	NUT/LOCK 5/16	8
3	073486	U-CLAMP 1-3/4	2
4	076588	SCREW/CAP LOCKING FLANGE 3/8 X 3/4	2
5	130-32198	GASKET/EXHAUST	1
6	131706	ISOLATOR	4
7	174984	COUPLER/FLEX 1-3/4	1
8	174987	PLATE/ISOLATOR	2
9	174990	BRACKET/MUFFLER	1
10	175000	PIPE/EXHAUST	1
11	175010	BRACKET/EXHAUST SUPPORT	1
12	420-35831	MUFFLER	1
13	654004	WASHER/FLAT 5/16	5
14	654042	WASHER/LOCK EXTERNAL TOOTH 3/8	1
15	656001	SCREW/CAP M8 X 20 MM	5

A) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

Ref. No.	Part No.	Description	Quantity 2044/2054(B)
1	420-35831	MUFFLER	1
2	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	2
3	420-34935	PIPE/EXHAUST FLEXIBLE	1
4	073486	CLAMP/MUFFLER	2
5	420-35823	PIPE/EXHAUST	1
6	130-32198	GASKET/EXHAUST	1
7	656048	NUT/HEX M8-1.25	4
8	654024	WASHER/LOCK 5/16	4

B) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

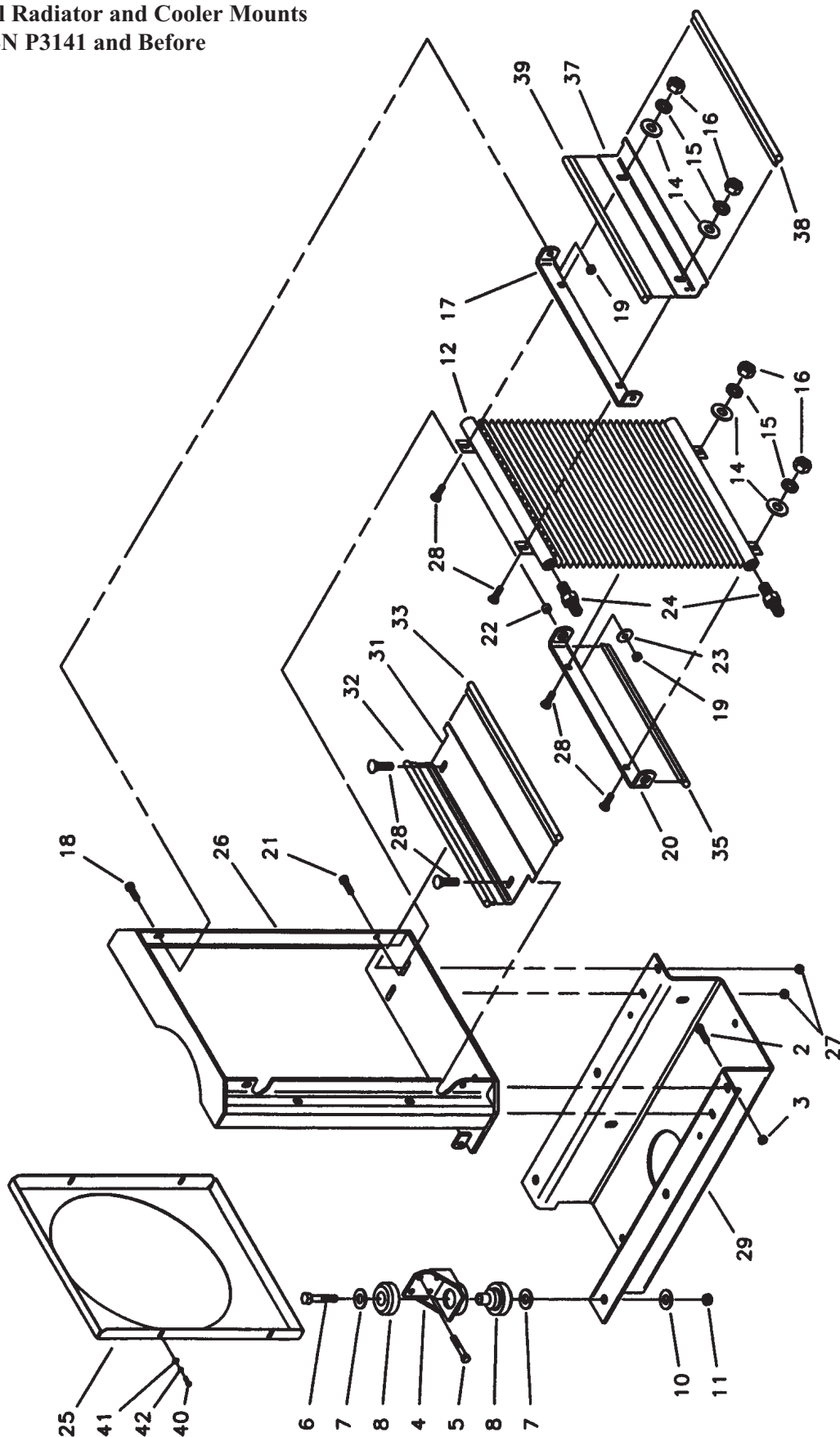
Air Cleaner and Water Bottle Assembly



AIR CLEANER AND WATER BOTTLE

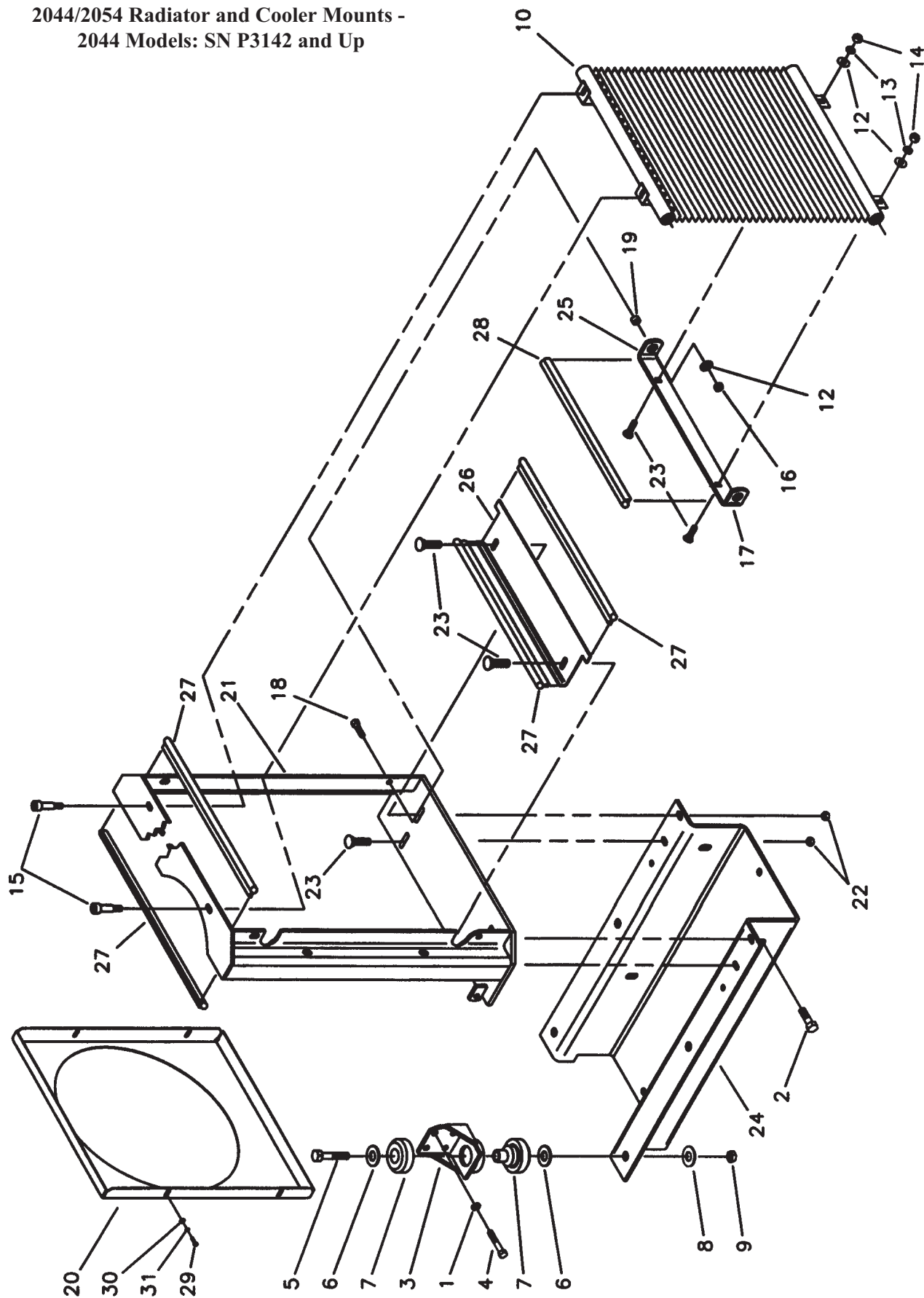
Ref. No.	Part No.	Description	Quantity 2044/2054
	420-35579	ASSY/AIR CLEANER (INCLUDES ITEMS 10-14)	1
10	420-35019	VALVE/VACUATOR	1
11	420-35785	COVER	1
12	420-35598	ELEMENT	1
13	420-35599	ELEMENT/SECONDARY	1
14	REF	BODY	1
15	420-35587	CLAMP	1
16	170-34974	HOSE/AIR CLEANER	1
17	087850	CLAMP/HOSE	1
18	420-19522	CLAMP/HOSE	1
20	230-32704	NIPPLE	1
21	420-18160	INDICATOR/RESTRICTION	1
22	040-33642	BRACKET/MOUNT AIR CLEANER	1
23	650573	BOLT/CARRIAGE 5/16-18NC X 1	2
24	064354	SCREW/CAP WHIZLOCK 5/16-18NC X 3/4	2
25	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	6
26	420-34828	TANK/COOLANT RECOVERY	1
27	420-34829	CAP/COOLANT	1
28	650687	BOLT/CARRIAGE 5/16-18NC X 3/4	2
29	420-33337	HOSE/OVERFLOW	1
30	062023	CLAMP/HOSE	2

2044 Model Radiator and Cooler Mounts SN P3141 and Before



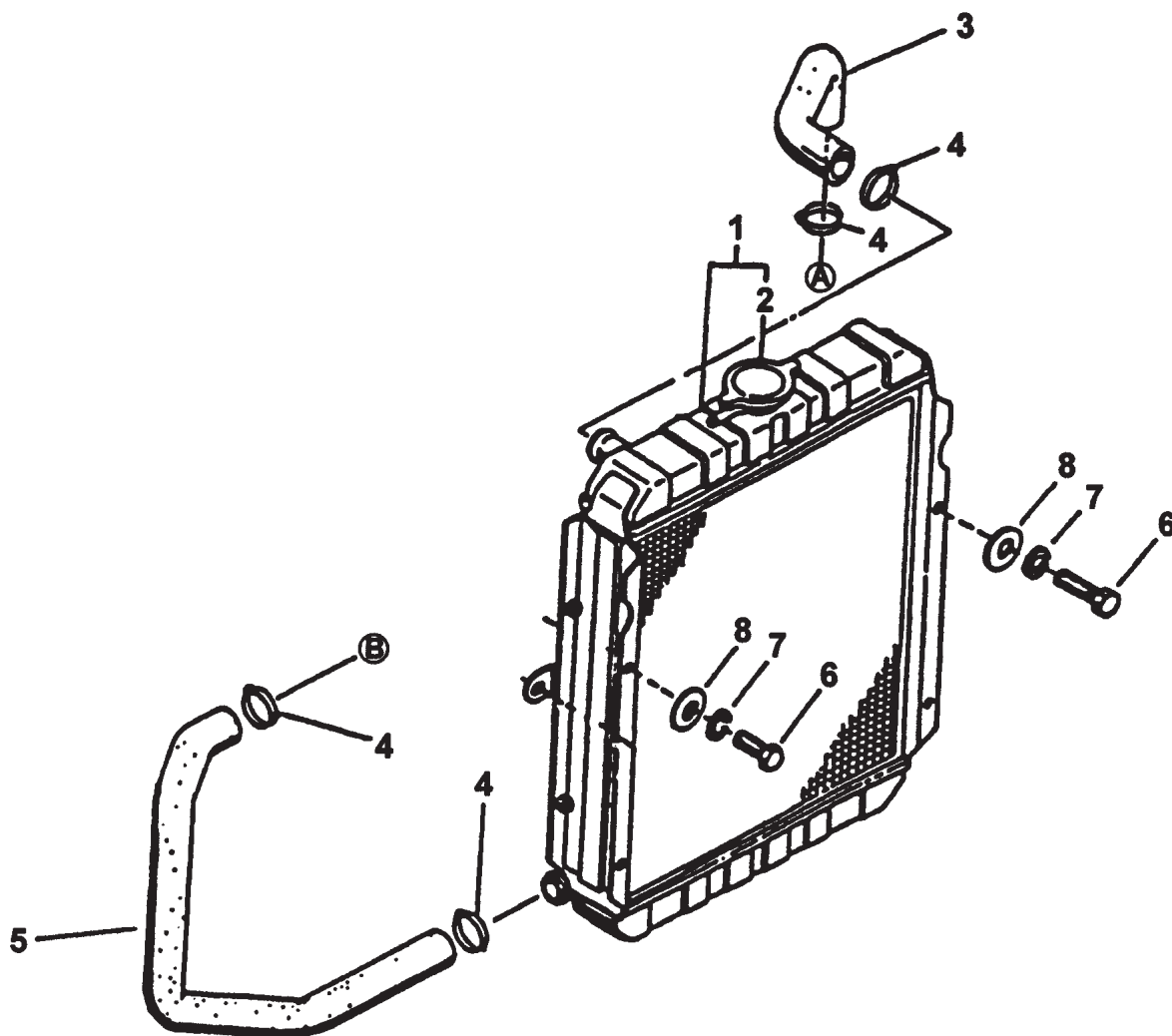
Ref. No.	Part No.	Description	Quantity 2044
2	092164	SCREW/CAP WHIZLOCK 1/2-13NC X 1-1/4	4
3	654028	WASHER/LOCK 7/16	16
4	040-33459	MOUNT/ENGINE	4
5	656007	SCREW/CAP M10-1.50 X 25 MM	16
6	650631	SCREW/CAP 5/8-11NC X 4	4
7	400-21568	WASHER/SPECIAL 3/16	10
8	420-34016	MOUNT/RUBBER	4
10	654012	WASHER/FLAT 5/8	4
11	071709	NUT/HEX CENTERLOCK 5/8-11NC	4
12	170-33424	COOLER/OIL	1
14	654006	WASHER/FLAT 3/8	4
15	654026	WASHER/LOCK 3/8	4
16	653010	NUT/HEX 3/8-16NC	4
17	040-33784	BRACKET/TOP OIL COOLER MOUNT	1
18	310-19536	SCREW/CAP 3/8-16NC X 1	2
19	071703	NUT/HEX CENTERLOCK 3/8-16NC	4
20	040-33785	BRACKET/BOTTOM OIL COOLER MOUNT	1
21	650491	SCREW/CAP 3/8-16NC X 1-1/4	2
22	096511	SPACER	2
23	654006	WASHER/FLAT 3/8	2
24	230-32319	FITTING/STRAIGHT ADAPTER	2
25	330-33739	SHROUD/FAN	1
26	120-32908	MOUNT/RADIATOR	1
27	070856	NUT/HEX WHIZLOCK 3/8-16NC	4
28	650786	BOLT/CARRIAGE 3/8-16NC X 1-1/4	8
29	160-32870	SUPPORT/ENGINE AND RADIATOR	1
31	390-32795	BRACKET/BOTTOM RADIATOR	1
32	420-35813	BULB SEAL/BOTTOM RADIATOR	1
33	420-35814	BULB SEAL/REAR GRILLE	1
35	420-35836	BULB SEAL/BOTTOM RADIATOR	1
37	390-32796	BRACKET/TOP RADIATOR	1
38	420-35832	BULB SEAL/REAR GRILLE	1
39	420-35812	BULB SEAL/TOP RADIATOR	1
40	656092	SCREW/CAP M6-1.00 X 16 MM	4
41	650580	WASHER/FLAT 3/16	4
42	654022	WASHER/LOCK 1/4	4

2044/2054 Radiator and Cooler Mounts - 2044 Models: SN P3142 and Up

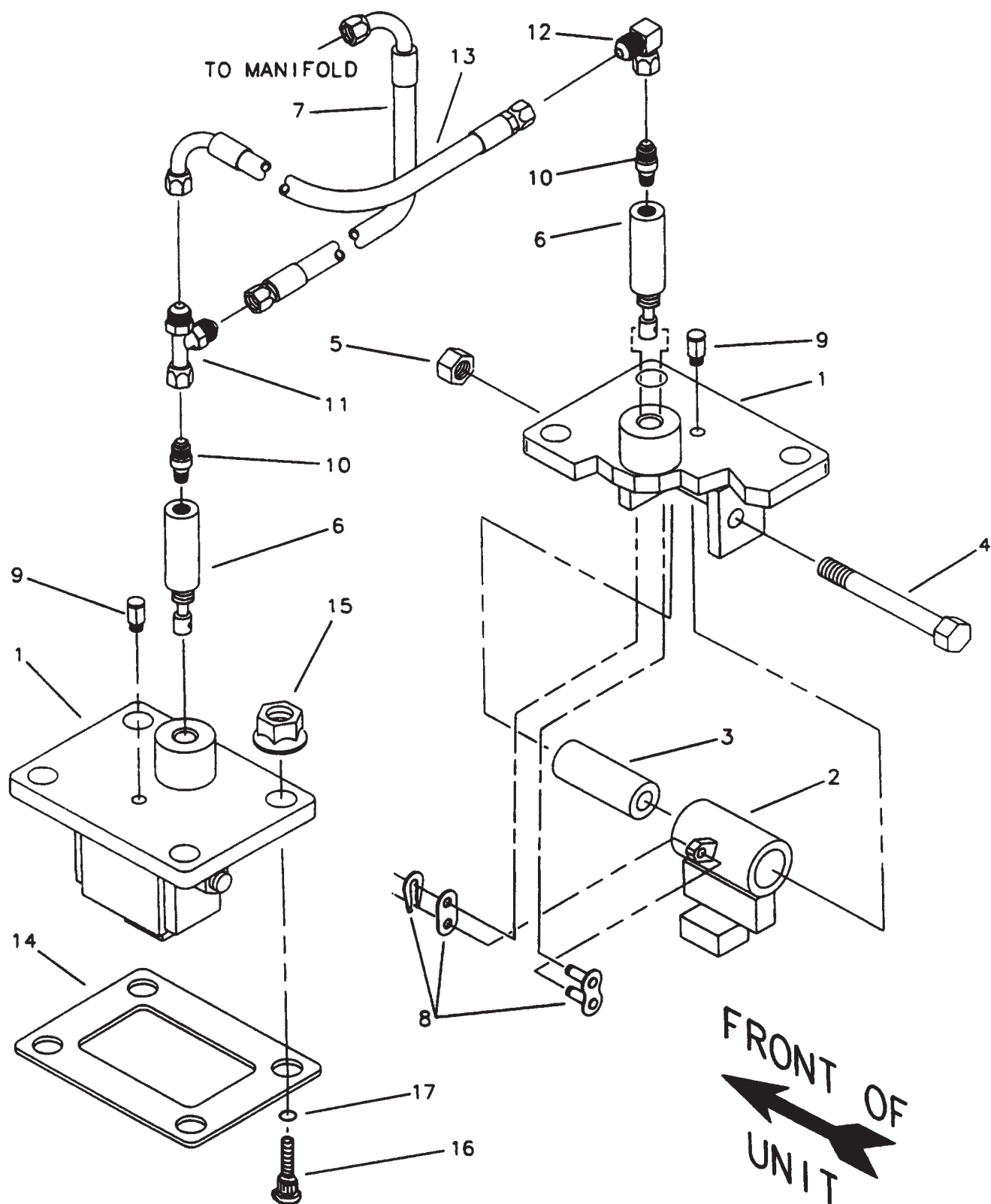


Ref. No.	Part No.	Description	Quantity 2044/2054
1	654028	WASHER/LOCK 7/16	16
2	092164	SCREW/CAP WHIZLOCK 1/2-13NC X 1-1/4	4
3	040-33459	MOUNT/ENGINE	4
4	656007	SCREW/CAP M10-1.50 X 25 MM	16
5	650631	SCREW/CAP 5/8-11NC X 4	4
6	400-21568	WASHER/SPECIAL 3/16	10
7	420-34016	MOUNT/RUBBER	4
8	654012	WASHER/FLAT 5/8	4
9	071709	NUT/HEX CENTERLOCK 5/8-11NC	4
10	170-34842	COOLER/OIL STANDARD	1
	170-34928	COOLER/OIL HIGH FLOW	1
12	654006	WASHER/FLAT 3/8	4
13	654026	WASHER/LOCK 3/8	2
14	653010	NUT/HEX 3/8-16NC	2
15	030-31949	BOLT/SHOULDER 3/8-16NC X 1-5/8 STANDARD	2
	030-31941	BOLT/SHOULDER 3/8-16NC X 1-1/8 HIGH FLOW	2
16	071703	NUT/HEX CENTERLOCK 3/8-16NC	2
17	040-33785	BRACKET/BOTTOM OIL COOLER MOUNT	1
18	650491	SCREW/CAP 3/8-16NC X 1-1/4	2
19	096511	SPACER	2
20	184888	SHROUD/FAN	1
	184885	FAN/COOLING	1
	190813A	FAN/COOLING 17" 5-BLADE (EU MODELS)	1
21	120-32962	MOUNT/RADIATOR	1
22	070856	NUT/HEX WHIZLOCK 3/8-16NC	4
23	650786	BOLT/CARRIAGE 3/8-16NC X 1-1/4	6
24	160-32870	SUPPORT/ENGINE AND RADIATOR	1
26	390-32795	BRACKET/BOTTOM RADIATOR	1
27	420-35814	BULB SEAL/REAR GRILLE	4
28	420-35836	BULB SEAL/BOTTOM RADIATOR	1
29	656092	SCREW/CAP M6-1.00 X 16 MM	4
30	650580	WASHER/FLAT 3/16	4
31	654022	WASHER/LOCK 1/4	4

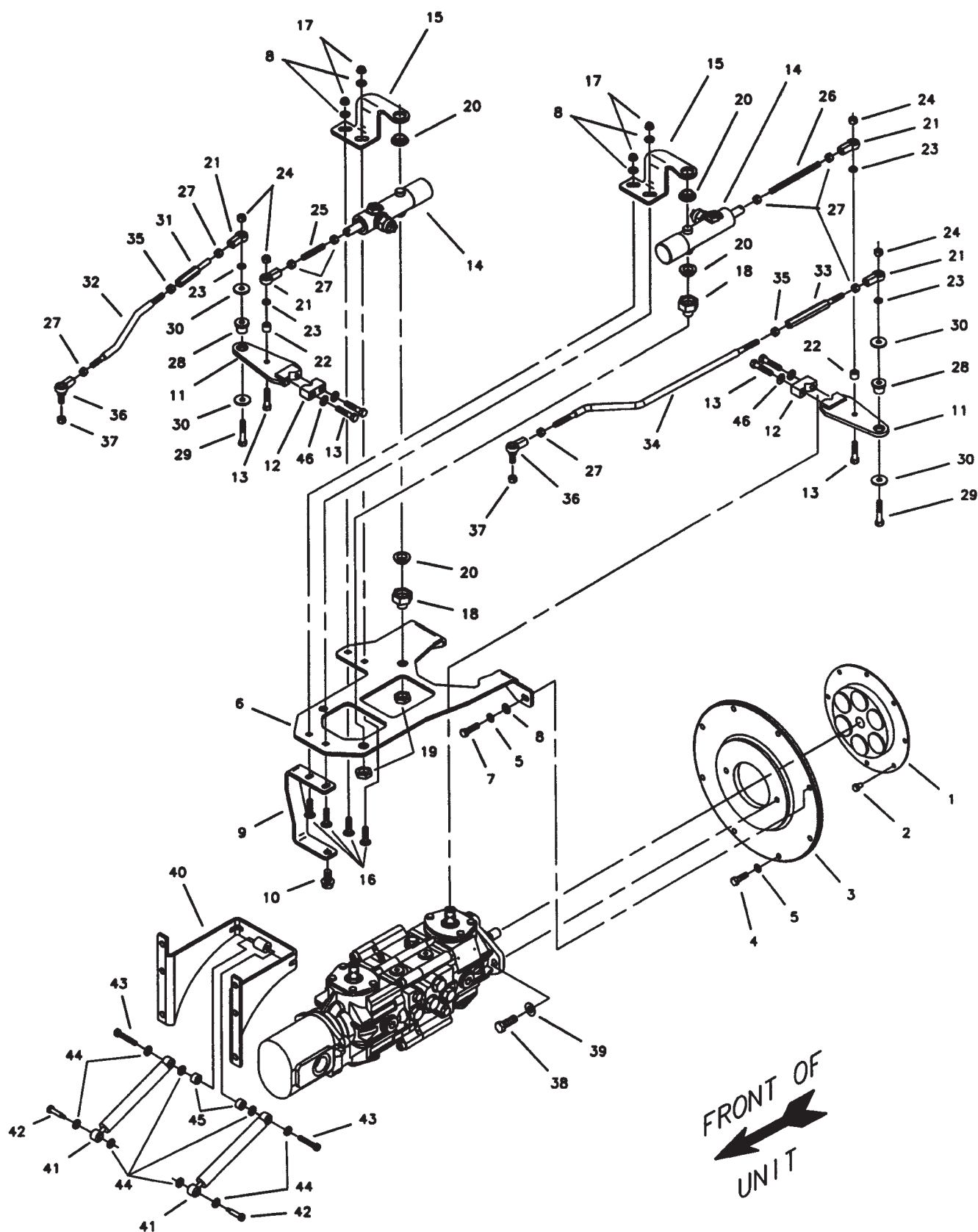
A) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36262	RADIATOR	1
2	425-34662	CAP	1
3	425-35945	HOSE/UPPER RADIATOR	1
4	425-34853	CLAMP	4
5	425-34686	HOSE/LOWER RADIATOR	1
6	310-32370	SCREW/CAP M8-1.25 X 20 MM	4
7	654024	WASHER/LOCK 5/16	5
8	654004	WASHER/FLAT 5/16	4



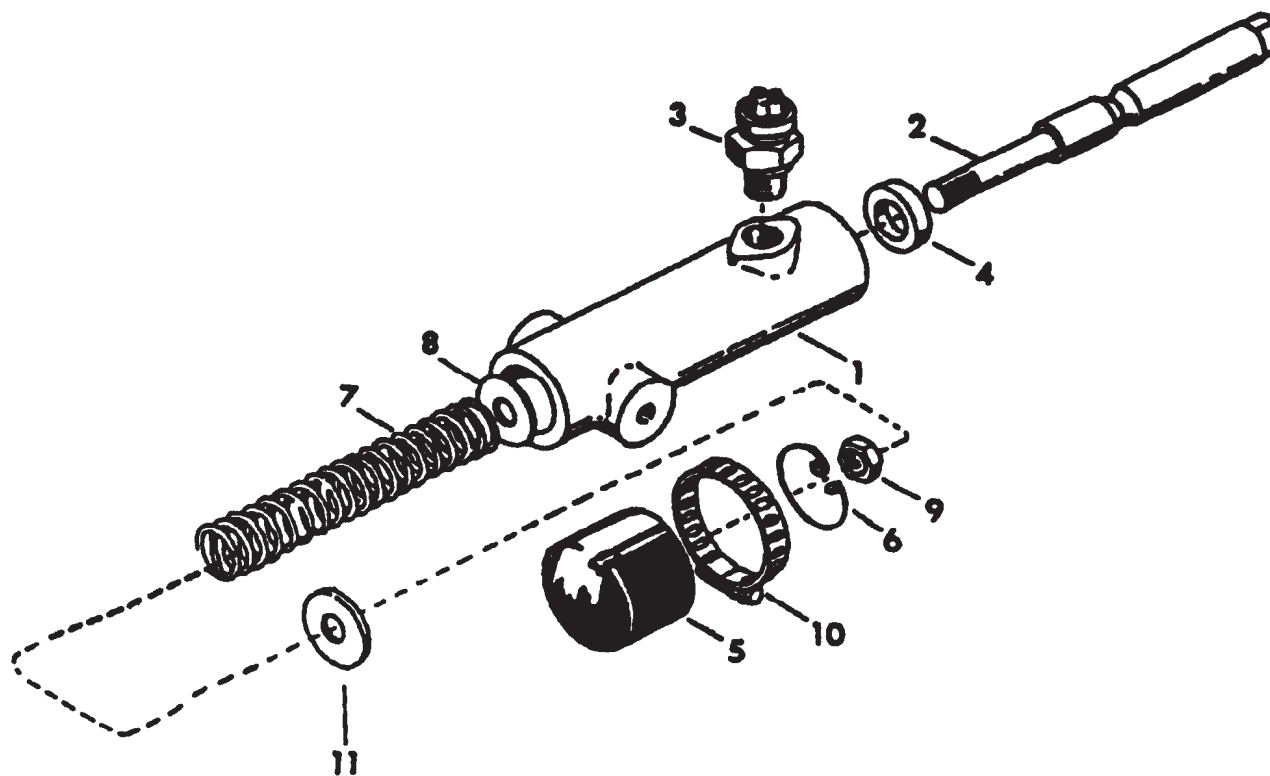
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	040-33697	MOUNT/BRAKE	2	2
	330-33741	COVER/BRAKE ACCESS (IMER BRAKES)	2	-
2	040-33717	STOP/BRAKE	2	2
3	480-44600	TUBE/PIVOT	2	2
4	310-11692	SCREW/CAP 1/2-13NC X 4	2	2
5	071706	NUT/HEX CENTERLOCK 1/2-13NC	2	2
6	170-34885	CYLINDER/BRAKE	2	2
7	170-34670	ASSEMBLY/HYDRAULIC HOSE AND TUBE	1	1
8	080-13929	LINK/CONNECTING #50	2	2
9	230-32588	BREATHER	2	2
10	230-20033	ADAPTER 7/16	2	2
11	230-32694	FITTING/TEE SWIVEL 7/16	1	1
12	230-32700	FITTING/90° ELBOW 7/16	1	1
13	170-34575	ASSEMBLY/HOSE AND TUBE/BRAKE TO BRAKE	1	1
14	130-32232	GASKET	2	2
15	081374	NUT/HEX WHIZLOCK 1/2-13NC	8	8
16	030-31956	BOLT/HUB 1/2-20NF X 1-35/64	8	-
17	350-17647	O-RING	8	-



HYDROSTATIC MOUNT AND LINKAGE

Ref. No.	Part No.	Description	Quantity	
			2044	2054
1	250-32577	PLATE/FLEXIBLE DRIVE	1	1
2	310-32470	SCREW/CAP M8-1.25 X 12MM	8	8
3	160-32740	PUMP/MOUNTING PLATE	1	1
4	656007	SCREW/CAP M10-1.50 X 25MM	6	6
5	654028	WASHER/LOCK 7/16	8	8
6	240-32115	ARM/CONTROL MOUNT	1	1
7	310-32641	SCREW/CAP M10-1.50 X 35MM	2	2
8	654006	WASHER/FLAT 3/8	6	6
9	040-33709	BRACKET/FRONT SUPPORT	1	1
10	076590	SCREW/CAP WHIZLOCK 1/2-13NC X 1	1	1
11	240-32114	ARM/PUMP	2	-
	240-32118	ARM/PUMP	-	2
12	200-32691	RETAINER/PUMP ARM	2	-
	200-32673	RETAINER/PUMP ARM	-	2
13	650978	SCREW/CAP 3/8-16NC X 1-3/4	6	6
14	246-26682	ASSEMBLY/NEUTRAL START AND CENTERING	2	2
15	040-33698	BRACKET/NEUTRAL CENTER SUPPORT TOP	2	2
16	650786	BOLT/CARRIAGE 3/8-16NC X 1-1/4	4	4
17	210-19533	NUT/HEX FLANGED CENTERLOCK 3/8-16NC	4	4
18	045-31489	BUSHING/LOWER NEUTRAL MOUNT	2	2
19	210-21556	NUT/BULKHEAD 3/4-16NC	2	2
20	045-31488	BUSHING/OILITE FLANGED	4	4
21	079039	ROD END/FEMALE	4	4
22	096511	SPACER	2	2
23	400-13676	WASHER/SPECIAL	10	10
24	071703	NUT/HEX CENTERLOCK 3/8-16NC	4	4
25	290-19743	ROD/CONTROL RIGHT	1	1
26	290-32289	ROD/CONTROL LEFT	1	1
27	650552	NUT/HEX 3/8-24NF	8	8
28	072384	MOUNT/RUBBER	2	2
29	650528	SCREW/CAP 3/8-16NC X 2	2	2
30	400-20715	WASHER/SPECIAL	4	4
31	200-32668	TURNBUCKLE	1	-
	200-32617	TURNBUCKLE	-	1
32	140270	ROD/STEERING RIGHT	1	1
33	200-32668	TURNBUCKLE	1	-
	200-32617	TURNBUCKLE	-	1
34	290-32595	ROD/STEERING LEFT	1	1
35	210-32134	NUT/HEX 3/8-24NF LEFT THREAD	2	2
36	054202	ROD END/FEMALE WITH STUD	2	2
37	071704	NUT/HEX CENTERLOCK 3/8-24NF	2	2
38	310-32653	SCREW/CAP FLANGED 1/2-13NC X 1-1/2	2	2
39	654009	WASHER/FLAT 1/2	2	2
40	040-33711	MOUNT/SHOCK	1	1
41	170-34590	ABSORBER/SHOCK	2	2
42	030-31948	SCREW/SHOULDER 5/16-18 X 1	2	2
43	030-31953	SCREW/SHOULDER 5/16-18 X 1-1/2	2	2
44	400-32554	WASHER/SPECIAL	8	8
45	480-32362	BUSHING	2	2
46	654026	WASHER/LOCK 3/8	4	4

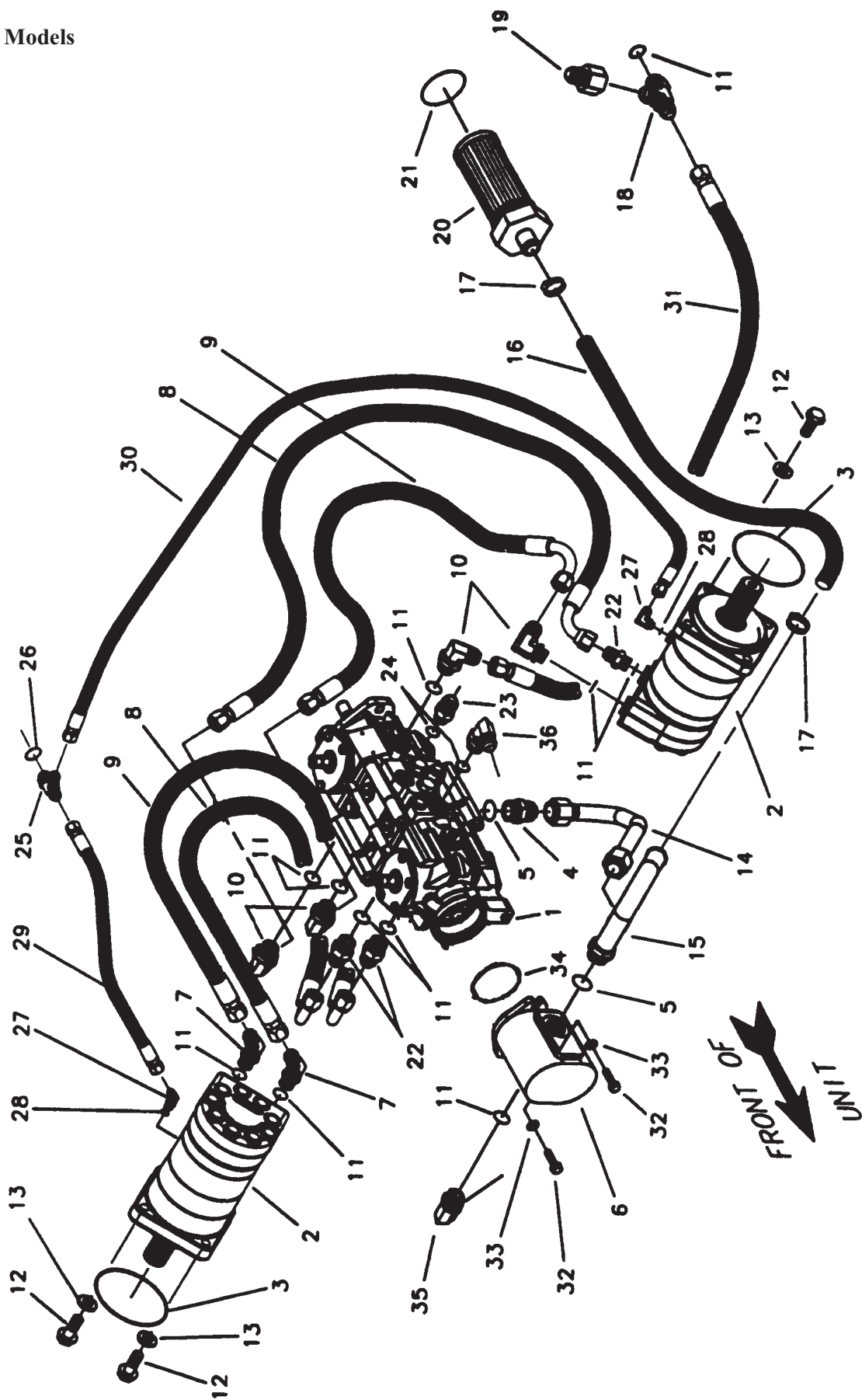
Neutral Centering Device



HYDROSTATIC MOUNT AND LINKAGE

Ref. No.	Part No.	Description	Quantity Neutral Centering Device
	246-26682	ASSEMBLY/NEUTRAL START (INCLUDES ITEMS 1-11)	1
1	160-32901	HOUSING/CENTERING	1
2	290-32322	ROD	1
3	090-32040	SWITCH/NEUTRAL	1
4	335-32187	SEAL/WIPER ROD	1
5	420-35315	CAP/DUST	1
6	350-32523	RING/SNAP	1
7	380-32390	SPRING	1
8	654006	WASHER/FLAT 3/8	1
9	210-32112	NUT/LOCK 3/8-24NF	1
10	055335	CLAMP/HOSE	1
11	400-32496	WASHER/SPECIAL	1

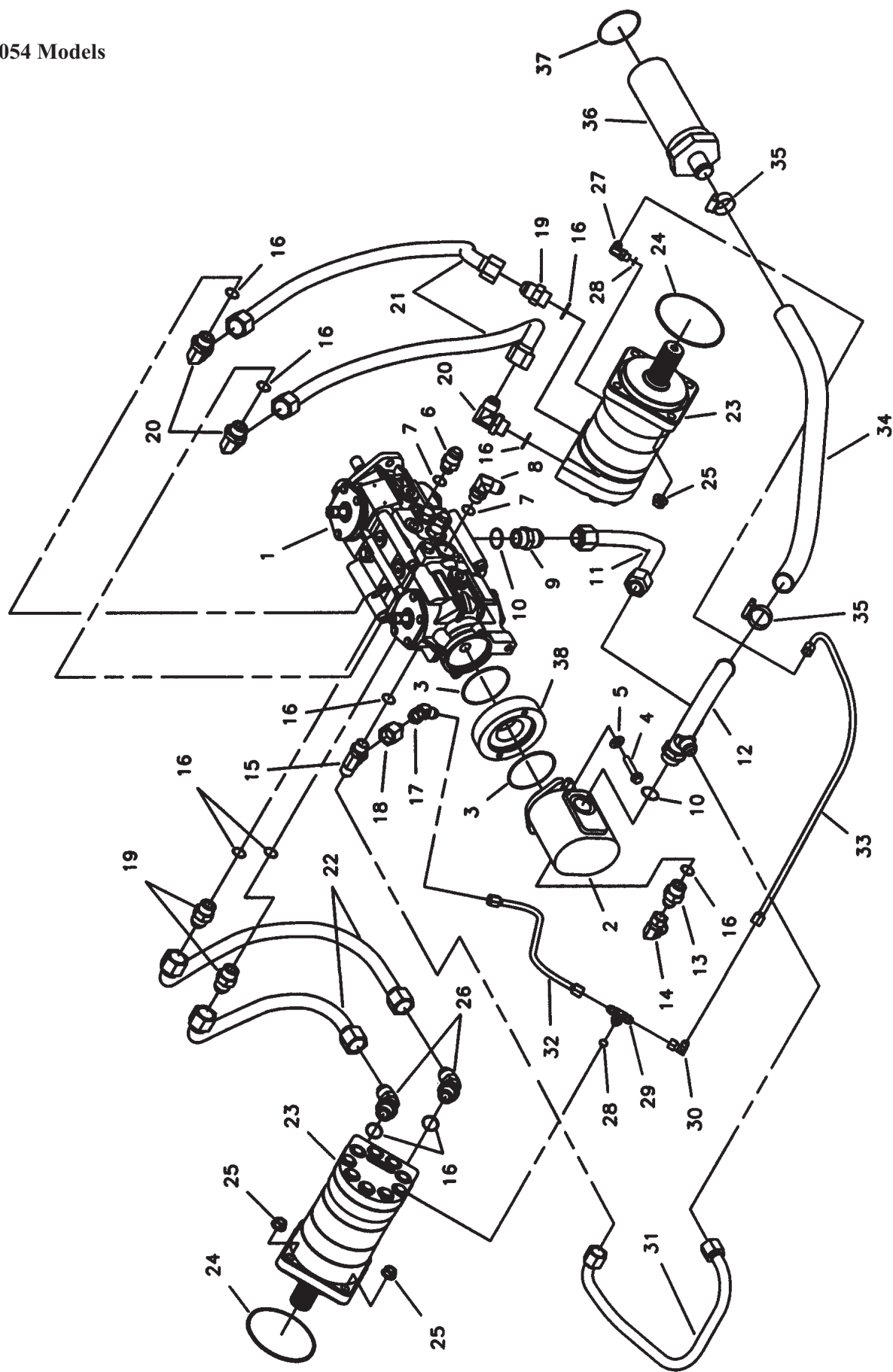
2044 Models



Ref. No.	Part No.	Description	Quantity 2044
1	170-34942	PUMP/HYDROSTATIC WITH GEAR PUMP	1
2	250-32603	MOTOR/HYDRAULIC	2
3	350-32565	O-RING/MOTOR MOUNT	2
4	064644	FITTING/STRAIGHT 1-5/16 SAE X 1-5/16 JIC	1
5	350-32426	O-RING 1-5/16	2
6	170-34943	PUMP/GEAR	1
7	055064	FITTING/45° ELBOW 1-1/16 SAE X 1-1/16 JIC	2
8	170-34941	HOSE AND TUBE/HYDRAULIC 35"	2
9	170-34949	HOSE AND TUBE/HYDRAULIC 30"	2
10	055005	FITTING/90° ELBOW 1-1/16 SAE X 1-1/16 JIC	4
11	350-27267	O-RING	11
12	310-32669	SCREW/CAP FLANGED 5/8-18NF X 1-3/4	8
13	335-32297	WASHER/SEAL 5/8	8
14	170-34950	LINE/SUCTION	1
15	230-32740	FITTING/90° ELBOW 1-5/16 SAE X 1-1/4 JIC	1
16	170-34705	HOSE/SUCTION	1
17	420-35918	CLAMP/HOSE	2
18	079092	FITTING/TEE 1-1/16 SAE X 1-1/16 JIC	1
19	230-32672	FITTING/REDUCER 1-1/16 SAE X 3/4 JIC	1
20	183976	STRAINER	1
21	350-32499	O-RING	1
22	072587	FITTING/STRAIGHT 1-1/16 SAE X 1-1/16 JIC	3
23	054819	FITTING/STRAIGHT 7/8 SAE X 1-1/16 JIC	1
24	350-32424	O-RING	2
25	114742	FITTING/TEE 3/4 SAE X 3/4 JIC	1
26	350-32423	O-RING	1
27	114824	FITTING/90° ELBOW 9/16 SAE X 3/4 JIC	2
28	055897	O-RING	2
29	170-19211	HOSE/MOTOR DRAIN RIGHT	1
30	170-33535	HOSE/MOTOR DRAIN LEFT	1
31	170-34222	HOSE/HYDRO RETURN TO TANK	1
32	310-19536	SCREW/CAP 3/8-16NC X 1	2
33	400-32568	WASHER/SPECIAL	2
34	350-32583	O-RING	1
35	072615	FITTING/90° ELBOW 1-1/16 SAE X 7/8 JIC	1
36	067761	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	1

PRESSURE SETTINGS	AMOUNT OF PRESSURE
CHARGE PRESSURE	180 PSI @ Full Throttle (12,4 bar)
TANDEM RELIEF	4500 PSI (310 bar)

2054 Models



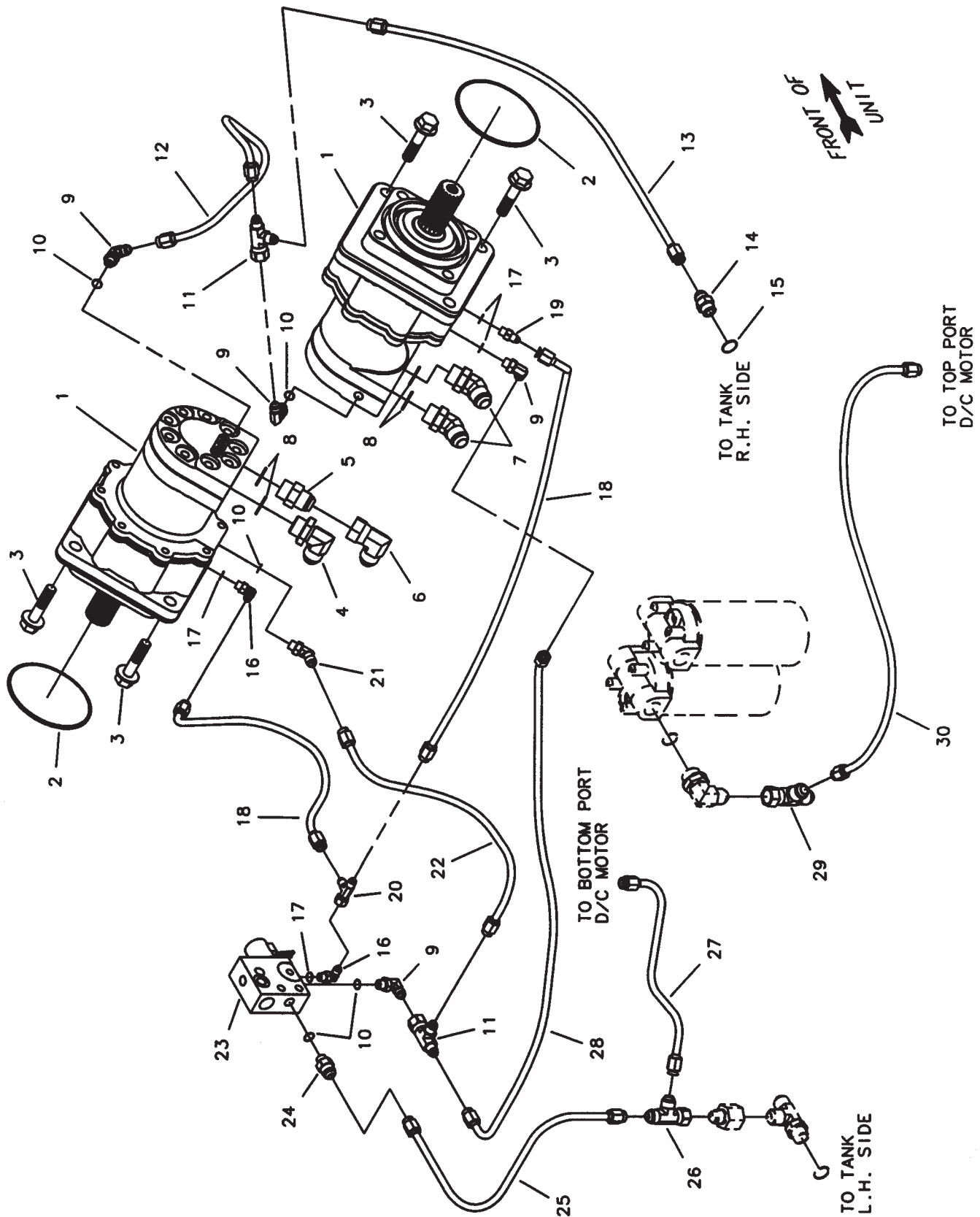
Ref. No.	Part No.	Description	Quantity 2054
1	190578B	PUMP/TANDEM M44	1
	170-34951A	PUMP/HYDROSTATIC LESS GEAR PUMP	1
2	170-34943	PUMP/GEAR STANDARD	1
	188902	PUMP/GEAR HIGH FLOW	1
3	350-32499	O-RING	1
4	310-19536	SCREW/CAP 3/8-16NC X 1 STANDARD	2
	650528	SCREW/CAP 3/8-16NC X 2 HIGH FLOW	2
5	400-32554	WASHER/SPECIAL	2
6	054819	FITTING/STRAIGHT 7/8 SAE X 1-1/16 JIC	1
7	350-32424	O-RING	2
8	067761	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	1
9	064644	FITTING/STRAIGHT 1-5/16 SAE X 1-5/16 JIC	1
10	350-32426	O-RING	2
11	170-34950	LINE/HYDRAULIC STANDARD	1
	170-35096	HOSE AND TUBE/HYDRAULIC HIGH FLOW	1
12	230-32756	FITTING/PUMP SUCTION	1
13	072602	FITTING/STRAIGHT 1-1/16 SAE X 7/8 JIC	1
14	065415	FITTING/90° ADAPTER ELBOW 7/8 JIC	1
15	079092	FITTING/TEE 1-1/16 SAE X 1-1/16 JIC	1
16	350-27267	O-RING	1
17	230-32574	FITTING/45° ADAPTER ELBOW 3/4 JIC	1
18	230-32672	FITTING/REDUCER 1-1/16 SAE X 3/4 JIC	1
19	072587	FITTING/STRAIGHT 1-1/16 SAE X 1-1/16 JIC	3
20	055005	FITTING/90° 1-1/16 SAE X 1-1/16 JIC	3
21	170-34941	HOSE AND TUBE/HYDRAULIC 34-1/2	2
22	170-34949	HOSE AND TUBE/HYDRAULIC 30-1/2	2
23	250-32614	MOTOR/HYDRAULIC	2
24	350-32565	O-RING	2
25	210-32154	NUT/HEX FLANGED 1/2-20NF	8
26	055064	FITTING/45° 1-1/16 SAE X 1-1/16 JIC	2
27	068938	FITTING/90° 9/16 SAE X 9/16 JIC	1
28	055897	O-RING	2
29	055981	FITTING/TEE 9/16 SAE X 9/16 JIC	1
30	091039	FITTING/90° ADAPTER ELBOW 9/16 JIC	1
31	170-34764	HOSE/HYDRAULIC	1
32	170-34854	HOSE/HYDRAULIC	1
33	170-34854	HOSE/HYDRAULIC	1
34	170-34705	HOSE/SUCTION	1
35	420-35918	CLAMP/HOSE	2
36	183976	STRAINER	1
37	350-32499	O-RING	1
38	160-32934	PLATE/ADAPTER HIGH FLOW PUMP	1

A) SN V6424 AND BEFORE

B) SN V6425 AND UP

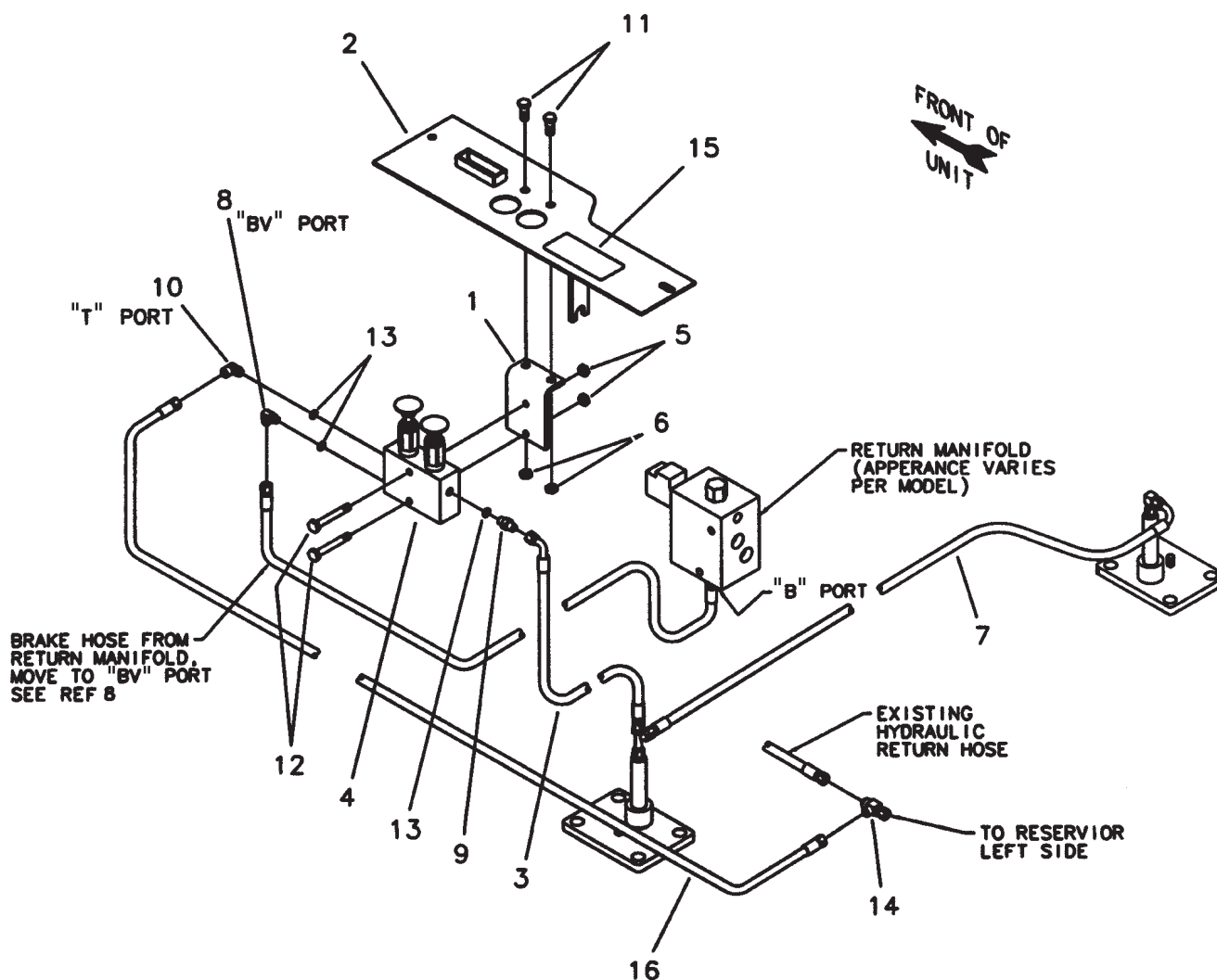
PRESSURE SETTINGS	AMOUNT OF PRESSURE
CHARGE PRESSURE	200 PSI @ Full Throttle (14 bar)
TANDEM RELIEF	4500 PSI (310 bar)

Road Homologation (IMER) - Hydraulic Brakes - 2044 Models



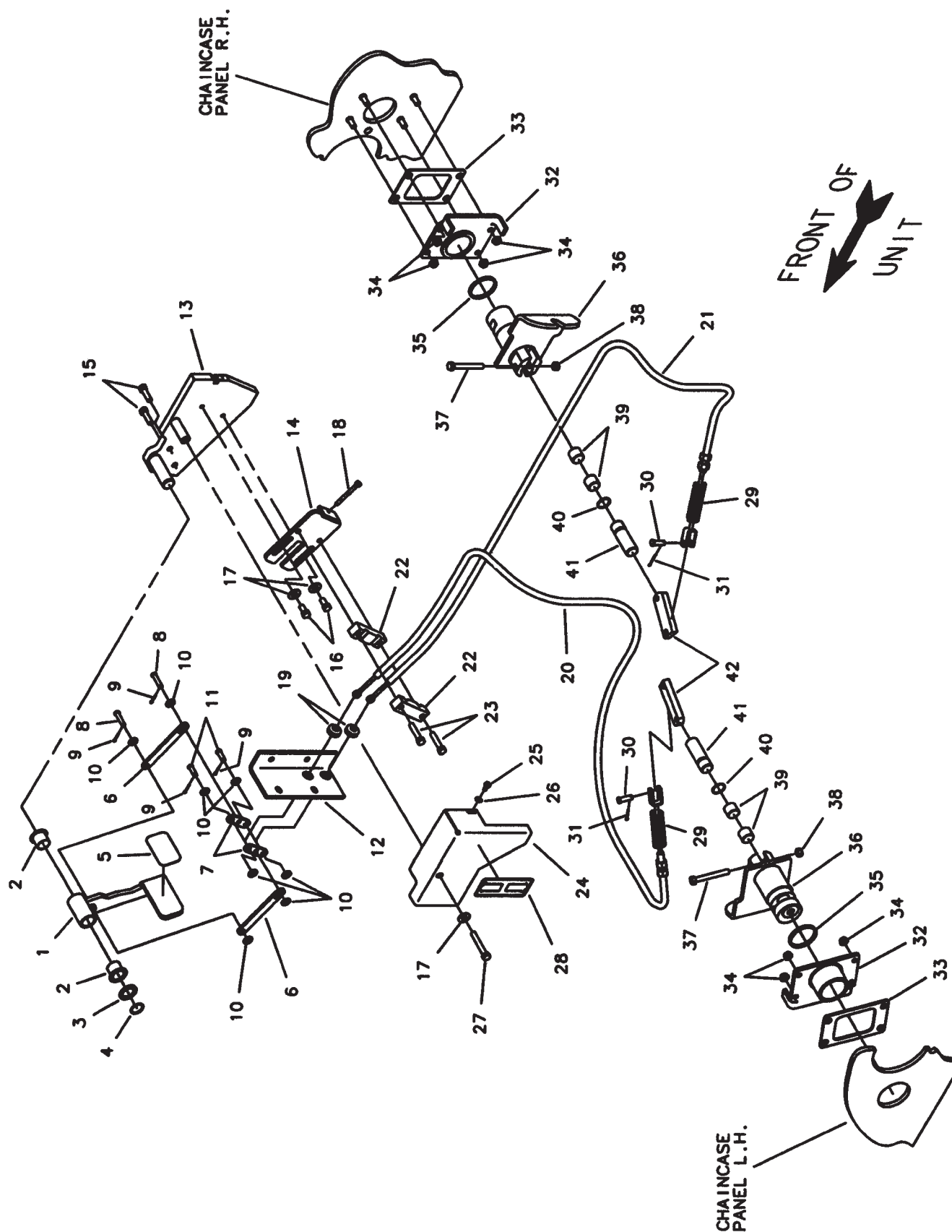
Ref. No.	Part No.	Description	Quantity 2044
1	250-32604	MOTOR/HYDRAULIC	2
2	350-32565	O-RING	2
3	310-32676	SCREW/CAP FLANGED 5/8-18NF X 2-1/2	8
4	055005	FITTING/90° ELBOW 1-1/16 SAE X 1-1/16 JIC	1
5	072587	FITTING/STRAIGHT 1-1/16 SAE X 1-1/16 JIC	1
6	075235	FITTING/90° ADAPTER 1-1/16 JIC	1
7	055064	FITTING/45° ELBOW 1-1/16 SAE X 1-1/16 JIC	2
8	350-27267	O-RING	4
9	068938	FITTING/90° ELBOW 9/16 SAE X 9/16 JIC	4
10	055897	O-RING	5
11	072806	FITTING/TEE 9/16 JIC	2
12	170-34197	HOSE AND TUBE/HYDRAULIC	1
13	170-34704	HOSE/HYDRAULIC/TO TANK	1
14	170-34999	VALVE/RELIEF	1
15	350-32423	O-RING	1
16	095601	FITTING/90° ELBOW 7/16 SAE X 7/16 JIC	2
17	350-32421	O-RING	2
18	170-34670	HOSE AND TUBE/HYDRAULIC	2
19	230-32195	FITTING/STRAIGHT 7/16 SAE X 7/16 JIC	1
20	230-32694	FITTING/TEE 7/16 JIC	1
21	079026	FITTING/45° ELBOW 9/16 SAE X 9/16 JIC	1
22	170-32392	HOSE/HYDRAULIC	1
23	170-34994	VALVE	1
24	072803	FITTING/STRAIGHT 9/16 SAE X 3/4 JIC	1
25	170-33731	HOSE/HYDRAULIC	1
26	230-19184	FITTING/TEE 3/4 JIC	1
27	170-35054	HOSE AND TUBE/HYDRAULIC	1
28	170-32183	HOSE/HYDRAULIC	1
29	230-32255	FITTING/TEE 7/8 JIC	1
30	170-35055	HOSE AND TUBE/HYDRAULIC	1

Road Homologation (IMER) Manual Brake Release - 2054 Models



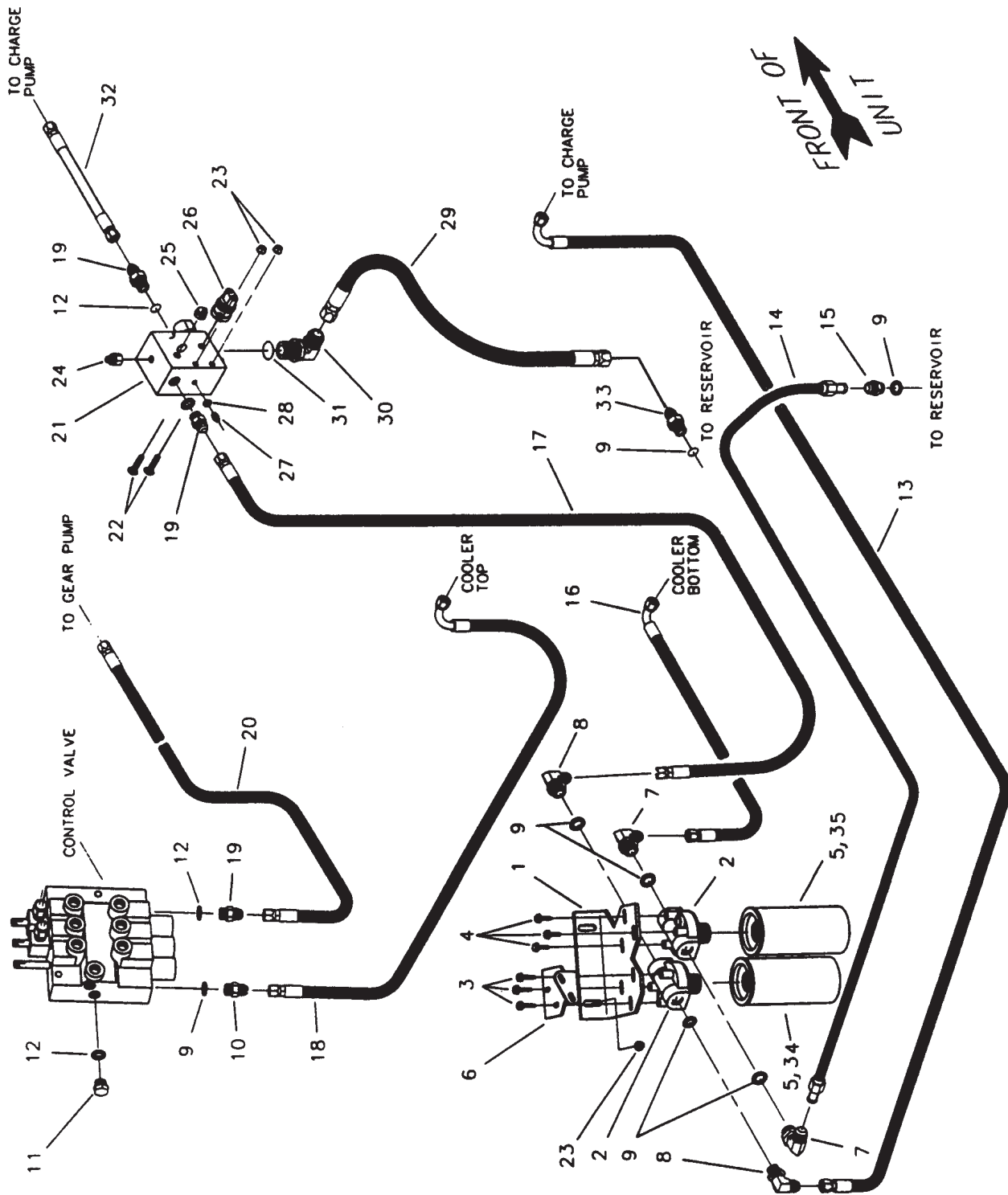
Ref. No.	Part No.	Description	Quantity 2054
1	040-33687	BRACKET/HAND PUMP MOUNT	1
2	330-33709	MOUNT/AUXILIARY T-BAR ONLY	1
	330-33714	PANEL/PUMP MOUNT DUAL LEVER ONLY	1
3	170-34670	HOSE AND TUBE/HYDRAULIC	1
4	170-34859	MANIFOLD/HAND PUMP	1
5	071701	NUT/HEX CENTERLOCK 5/16-18NC	2
6	070856	NUT/WHIZLOCK 3/8-16NC	2
7	170-34575	HOSE AND TUBE/HYDRAULIC	1
8	095601	FITTING/90° ELBOW 7/16 SAE X 7/16 JIC	1
9	230-32195	FITTING/STRAIGHT 7/16 SAE X 7/16 JIC	1
10	137784	FITTING/90° ELBOW 7/16 SAE X 9/16 JIC	1
11	650488	SCREW/CAP 3/8-16NC X 3/4	2
12	650725	SCREW/CAP 5/16-18NC X 2-1/4	2
13	350-32421	O-RING	3
14	230-19184	FITTING/TEE 3/4 JIC	1
15	420-35937	DECAL/HAND PUMP OPERATION	1
16	170-34065	HOSE/HYDRAULIC	1

Road Homologation (IMER) Manual Brakes - 2054 Models



Ref. No.	Part No.	Description	Quantity 2054
1	330-33718	PEDAL/BRAKE	1
2	045-31467	BUSHING/FLANGED	2
3	400-32525	WASHER/SPECIAL	1
4	350-21286	RING/SNAP EXTERNAL	1
5	420-35926	TAPE/SAFETY WALK	1
6	200-32688	LINKAGE/CABLE TO PEDAL	2
7	200-32687	LINKAGE/CABLE PIVOT	2
8	220-32658	PIN/CLEVIS 5/16 X 1-3/8	2
9	220-10213	PIN/COTTER 3/32 X 1/2	4
10	654002	WASHER/FLAT 1/4	8
11	220-13671	PIN/CLEVIS 5/16 X 1	2
12	040-33693	BRACKET/KICK PLATE MOUNTING	1
13	330-33717	MOUNT/BRAKE	1
14	040-33670	BRACKET/ADJUSTMENT	1
15	650453	SCREW/CAP 1/2-13NC X 1-1/2	2
16	650488	SCREW/CAP 3/8-16NC X 3/4	2
17	654006	WASHER/FLAT 3/8	3
18	310-32650	SCREW/CAP SPECIAL/ADJUSTMENT	1
19	420-32422	GROMMET	2
20	050-29354	CABLE/BRAKE/SHORT	1
21	050-29359	CABLE/BRAKE/LONG	1
22	040-33671	BLOCK/LOCKING/CABLE	2
23	650579	SCREW/CAP 3/8-16NC X 1-3/4	2
24	330-33703	COVER/BRAKE PEDAL LINKAGE	1
25	650542	SCREW/CAP 1/4-20NC X 1/2	1
26	650580	WASHER/FLAT 3/16	1
27	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	1
28	420-35183	DECAL/BRAKE	1
29	380-32283	SPRING/COMPRESSION	2
30	220-11823	PIN/CLEVIS 3/8 X 1-3/32	2
31	220-10095	PIN/COTTER 3/32 X 1	2
32	040-33673	BRAKE/HOLDER BRACKET	2
33	130-32222	GASKET	2
34	070856	NUT/HEX WHIZLOCK 3/8-16NC	8
35	350-32568	O-RING	2
36	090-32493	CALIPER/BRAKE	2
37	650581	SCREW/CAP 3/8-16NC X 3	2
38	071703	NUT/HEX CENTERLOCK 4/8-16NC	2
39	090-32310	PUCK/BRAKE	4
40	350-32240	O-RING	2
41	200-32613	FOLLER/BRAKE CAM	2
42	090-32385	CAM/BRAKE	2

CHARGE, COOLER AND RETURN FILTER PLUMBING

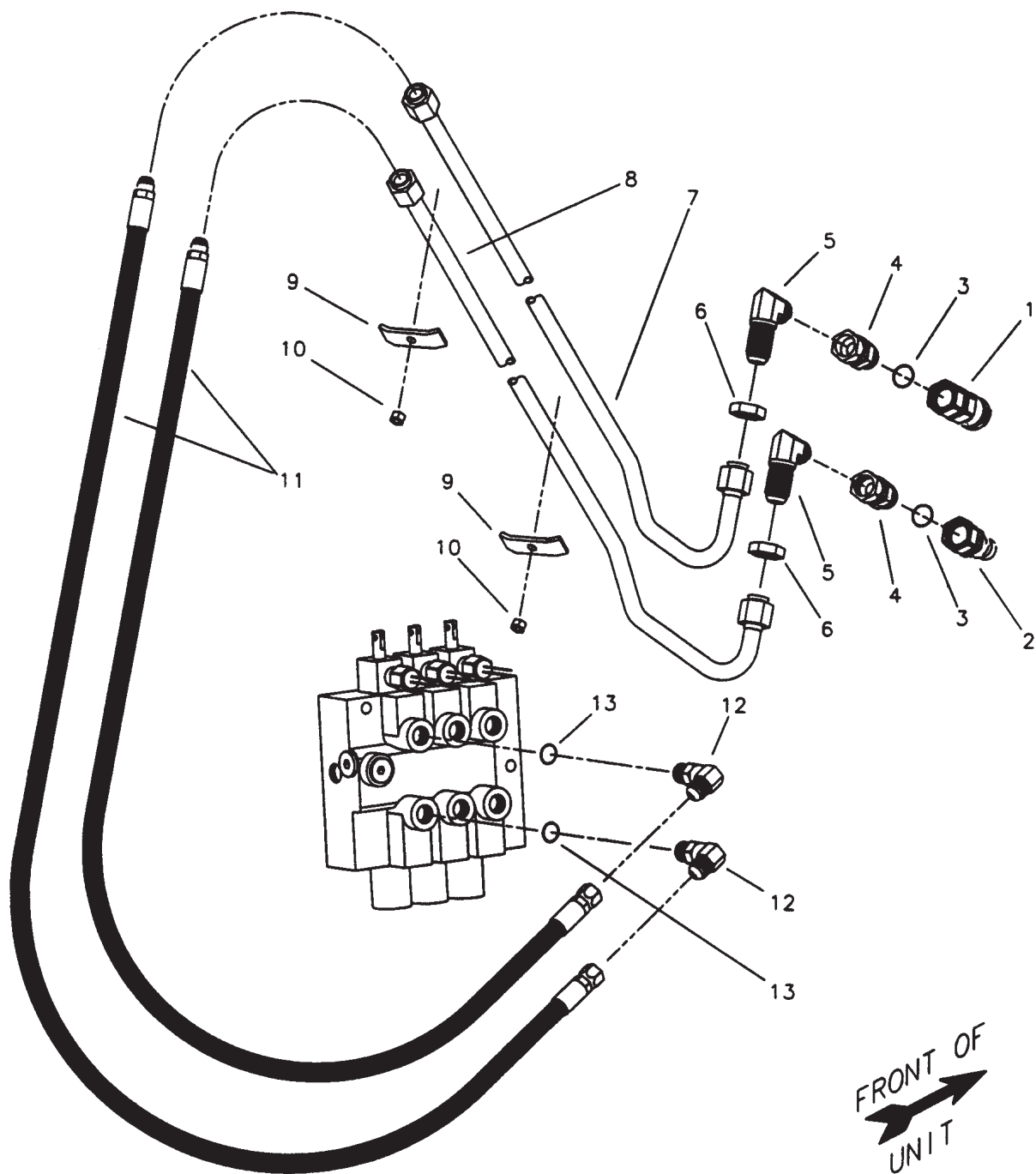


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CHARGE, COOLER AND RETURN FILTER PLUMBING

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	040-33645	BRACKET/FILTER MOUNT	1	1
2	170-33996	BASE/FILTER WITH RELIEF	2	2
3	064354	SCREW/WHIZLOCK 5/16-18NC X 1	3	3
4	081380	SCREW/WHIZLOCK 5/16-18NC X 3/4	3	3
5	189260A	ELEMENT/FILTER	2	2
6	040-33653	BRACKET/FILL TUBE HOLDER	1	1
7	055005	FITTING/90° ELBOW 1/16 SAE X 1/16 JIC	2	2
8	072615	FITTING/90° ELBOW 1/16 SAE X 7/8 JIC	2	2
9	350-27267	O-RING (7 FOR 2054)	6	7
10	072602	FITTING/STRAIGHT 1/16 SAE X 7/8 JIC	1	1
11	131577	PLUG	1	1
12	350-32424	O-RING	3	3
13	170-34700	HOSE/HYDRAULIC	1	1
14	170-34944	HOSE/HYDRAULIC	1	-
	170-34689	LINE/HYDRAULIC	-	1
15	072587	FITTING/STRAIGHT 1/16 SAE X 1/16 JIC	1	1
16	170-34764	HOSE AND TUBE/HYDRAULIC	1	1
17	170-33412	HOSE AND TUBE/HYDRAULIC/FILTER TO VALVE	1	1
18	170-34701	HOSE AND TUBE/HYDRAULIC	1	1
19	072580	FITTING/STRAIGHT 7/8 SAE X 7/8 JIC	3	3
20	170-34691	HOSE/HYDRAULIC	1	1
21	170-34948	VALVE/RETURN	1	1
22	652055	BOLT/CARRIAGE 3/8-16NC X 2-1/4	2	2
23	070856	NUT/HEX WHIZLOCK 3/8-16NC	4	4
24	090-32304	SENDER/TEMPERATURE OIL	1	1
25	090-32164	SWITCH/TEMPERATURE OIL	1	1
26	090-32502	SWITCH/PRESSURE	1	1
27	230-32195	FITTING/STRAIGHT 7/16 SAE X 7/16 JIC	1	1
28	350-32421	O-RING	1	1
29	170-33731	HOSE/HYDRAULIC	1	1
30	114824	FITTING/90° ELBOW 9/16 SAE X 3/4 JIC	1	1
31	055897	O-RING	1	1
32	170-34692	HOSE/HYDRAULIC	1	1
33	088046	FITTING/STRAIGHT 1-1/16 SAE X 3/4 JIC	-	1
34	170-34895B	ELEMENT/FILTER	-	1
35	189260B	ELEMENT/FILTER	-	1

A) 2054: SN V6424 AND BEFORE

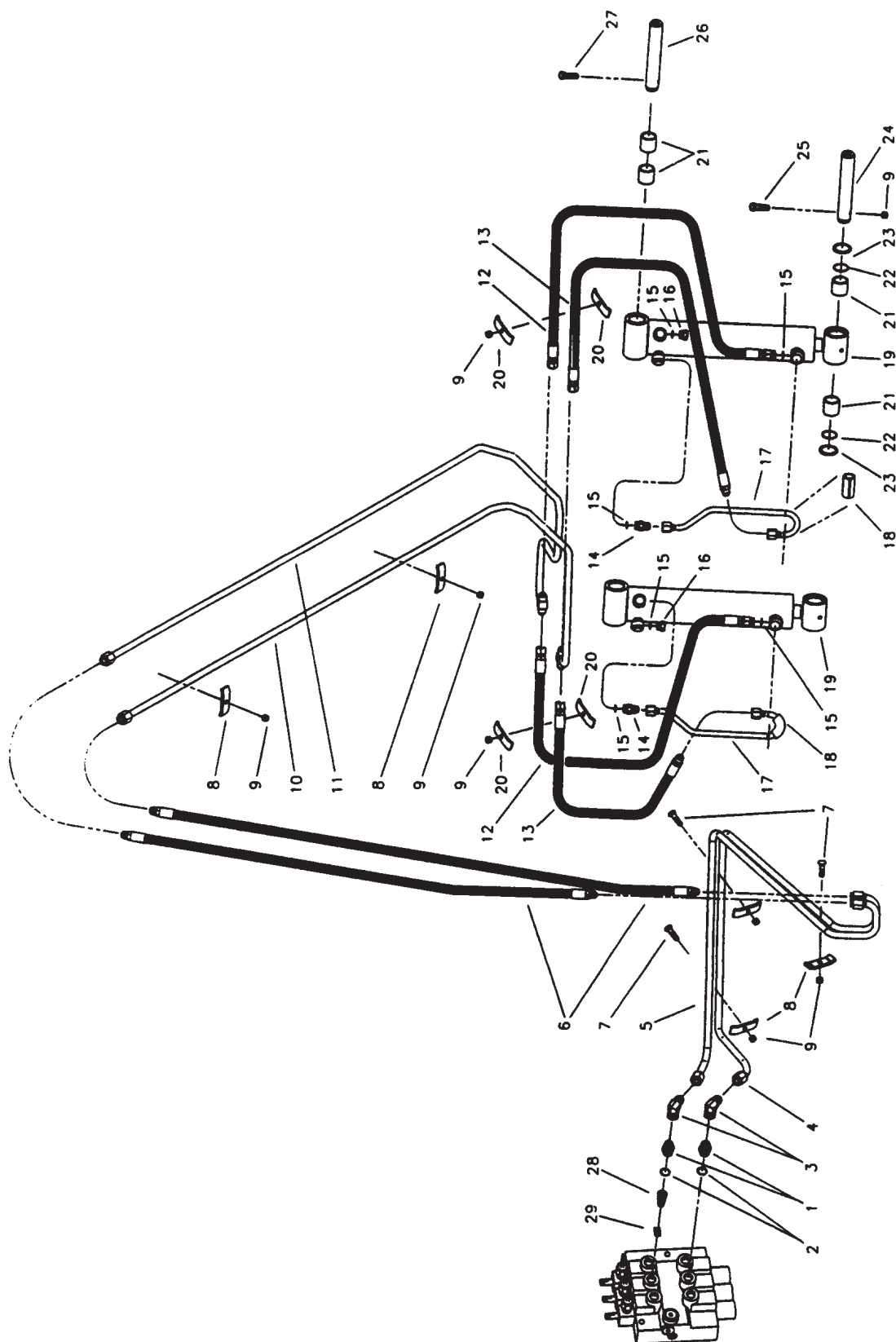
B) 2054: SN V6425 AND UP. NEW FILTER P/N 170-34895 IS THE MOST REARWARD FILTER.



Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	100-32167	COUPLER/FEMALE	1	1
2	100-32164	COUPLER/MALE	1	1
3	350-27267	O-RING	2	2
4	088267	FITTING/STRAIGHT 1-1/16 SAE X 1-1/16 JIC	4	4
5	230-32674	FITTING/90° BULKHEAD ELBOW 1-1/16 JIC	2	2
6	210-32027	NUT/HEX 1-1/16	2	2
7	170-34657	LINE/HYDRAULIC/INSIDE	1	-
	170-34835	LINE/HYDRAULIC/INSIDE	-	1
8	170-34658	LINE/HYDRAULIC/OUTSIDE	1	-
	170-34836	LINE/HYDRAULIC/OUTSIDE	-	1
9	390-15909	CLAMP	3	3
10	071703	NUT/HEX CENTERLOCK 3/8-16NC	3	3
11	170-34696	HOSE/HYDRAULIC	2	2
12	067761	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	2	2
13	350-32424	O-RING	2	2
	490-33365	KIT/QUICK COUPLER 1-1/16 FLAT FACE (COUPLERS ONLY)	1	1
	490-33325A	KIT/QUICK COUPLER 1-1/16 FLAT FACE	1	1

A) KIT INCLUDES (2) 90° ELBOWS, (4) REDUCERS, (2) STRAIGHT ADAPTERS, (2) REDUCER BUSHINGS, (1) NYLON SLING, (1) TAB, (1) FLAT WASHER AND (1) HEX NUT.

2044 Models

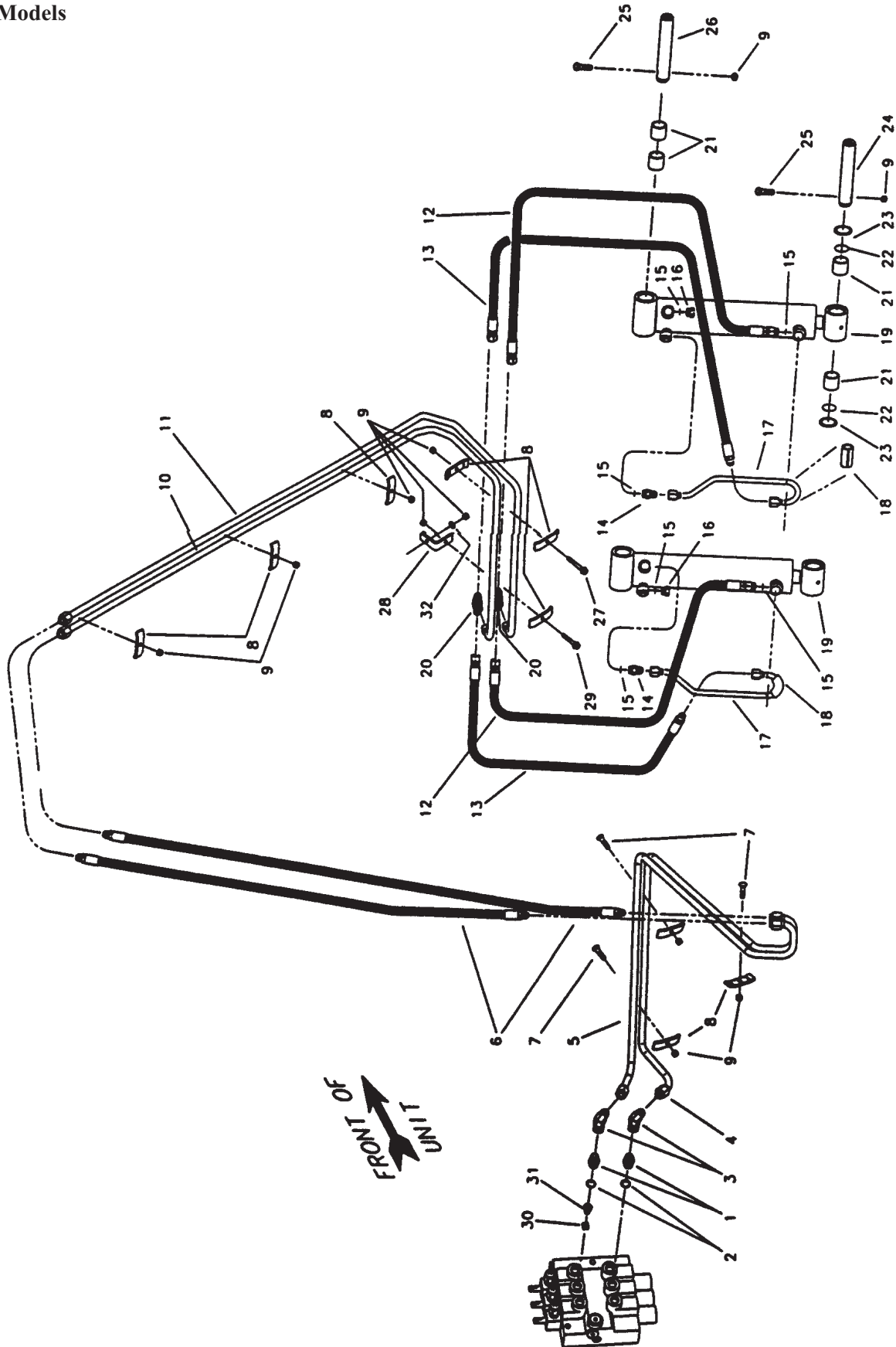


Ref. No.	Part No.	Description	Quantity 2044
1	072580	FITTING/STRAIGHT 7/8 SAE X 7/8 JIC	2
2	350-32424	O-RING	2
3	065415	FITTING/90° ELBOW 7/8 JIC	2
4	170-34683	LINE/HYDRAULIC TILT BASE CROSSOVER	1
5	170-34684	LINE/HYDRAULIC TILT ROD CROSSOVER	1
6	170-34703	HOSE/HYDRAULIC	2
7	650773	BOLT/CARRIAGE 3/8-16NC X 1-1/2	3
8	390-15909	CLAMP	6
9	071703	NUT/HEX CENTERLOCK 3/8-16NC	8
10	170-34656	LINE/HYDRAULIC TILT BASE LIFTARM	1
11	170-34655	LINE/HYDRAULIC TILT ROD LIFTARM	1
12	170-34709	HOSE/HYDRAULIC	2
13	170-34710	HOSE/HYDRAULIC	2
14	072803	FITTING/STRAIGHT 9/16 SAE X 3/4 JIC	2
15	055897	O-RING	4
16	122778	PLUG	2
17	170-34662	LINE/HYDRAULIC	2
18	420-35840	PROTECTOR/HYDRAULIC LINE	2
19	170-35108	CYLINDER/TILT	2
20	170-19764	CLAMP	4
21	045-31420	BUSHING/OILITE	8
22	335-32203	SEAL	4
23	400-32412	WASHER/SPECIAL	AR
24	175227B	PIN/PIVOT	2
	220-32234A	PIN/PIVOT	2
25	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	2
26	220-32639	PIN/PIVOT	2
27	651368	SCREW/CAP 1/2 X 2-1/4	2
28	380-32356	SPRING	1
29	170-34865	RESTRICTOR	1

A) SN P4300 AND BEFORE

B) SN P4301 AND UP

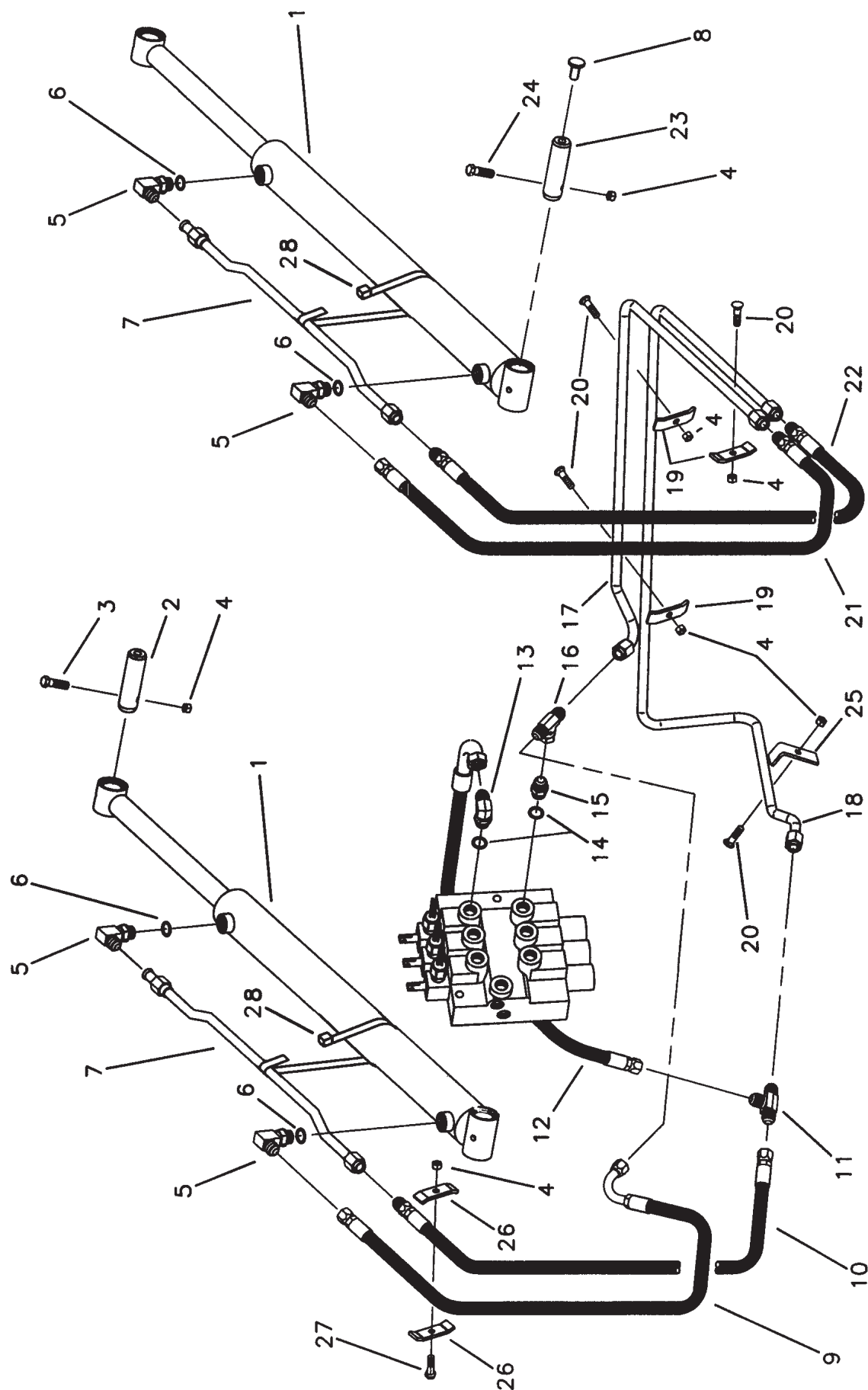
2054 Models



Ref. No.	Part No.	Description	Quantity 2054
1	072580	FITTING/STRAIGHT 7/8 SAE X 7/8 JIC	2
2	350-32424	O-RING	2
3	065415	FITTING/90° ELBOW 7/8 JIC	2
4	170-34683	LINE/HYDRAULIC TILT BASE CROSSOVER	1
5	170-34684	LINE/HYDRAULIC TILT ROD CROSSOVER	1
6	170-34703	HOSE/HYDRAULIC	2
7	650773	BOLT/CARRIAGE 3/8-16NC X 1-1/2	3
8	390-15909	CLAMP	6
9	071703	NUT/HEX CENTERLOCK 3/8-16NC	8
10	170-34827	LINE/HYDRAULIC TILT BASE LIFTARM	1
11	170-34826	LINE/HYDRAULIC TILT ROD LIFTARM	1
12	170-34852	HOSE/HYDRAULIC	2
13	170-34853	HOSE/HYDRAULIC	2
14	072803	FITTING/STRAIGHT 9/16 SAE X 3/4 JIC	2
15	055897	O-RING	4
16	122778	PLUG	2
17	170-34662	LINE/HYDRAULIC	2
18	420-35840	PROTECTOR/HYDRAULIC LINE	2
19	170-35108	CYLINDER/TILT	2
20	064669	FITTING/TEE MALE 7/8 JIC	2
21	045-31420	BUSHING/OILITE	8
22	335-32203	SEAL	4
23	400-32412	WASHER/SPECIAL	AR
24	175227B	PIN/PIVOT	2
	220-32234A	PIN/PIVOT	2
25	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	2
26	220-32530	PIN/PIVOT	2
27	650528	SCREW/CAP 3/8-16NC X 2-1/2	1
28	040-33679	BRACKET/LINE MOUNT	1
29	064422	SCREW/CAP WHIZLOCK 3/8-16NC X 1-1/2	1
30	170-34865	RESTRICTOR	1
31	380-32356	SPRING	1
32	654006	WASHER/FLAT 3/8	1

A) SN V6800 AND BEFORE

B) SN V6801 AND UP



Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	170-35109	CYLINDER/LIFT	2	2
2	220-32643	PIN/PIVOT ROD END	2	-
	220-32590	PIN/PIVOT ROD END	-	2
3	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	2	2
4	071703B	NUT/HEX CENTERLOCK 3/8-16NC	8	8
	071703A	NUT/HEX CENTERLOCK 3/8-16NC	10	10
5	054816	FITTING/90° ELBOW 3/4 SAE X 3/4 JIC	4	4
6	350-32423	O-RING	4	4
7	170-33879	LINE/HYDRAULIC	2	2
8	420-35998	PLUG	2	-
	420-35999	PLUG	-	2
9	170-34697	HOSE AND TUBE/HYDRAULIC	1	1
10	170-34693	HOSE/HYDRAULIC	1	1
11	064669	FITTING/TEE 7/8 JIC	1	1
12	170-34699	HOSE AND TUBE/HYDRAULIC	1	1
13	062397B	FITTING/45° ELBOW MALE	1	1
	067761A	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	1	1
14	350-32424	O-RING	2	2
15	072580	FITTING/STRAIGHT 7/8 SAE X 7/8 JIC	1	1
16	067460	FITTING/TEE 7/8 JIC	1	1
17	170-34682	LINE/HYDRAULIC	1	1
18	170-34681	LINE/HYDRAULIC	1	1
19	390-15909	CLIP/HYDRAULIC LINE	3	3
20	650773	BOLT/CARRIAGE 3/8-16NC X 1-1/2	4	4
21	170-34694	HOSE/HYDRAULIC	1	1
22	170-34695	HOSE/HYDRAULIC	1	1
23	220-32641	PIN/PIVOT BASE END	2	-
	220-32662	PIN/PIVOT BASE END	-	2
24	650535	SCREW/CAP 3/8-16NC X 2-1/4	2	2
25	390-29164	CLIP/HYDRAULIC LINE	1	1
26	170-19764A	CLAMP	4	4
27	650528A	SCREW/CAP 3/8-16NC X 2	2	2
28	062017B	CLAMP/HOSE	2	2
	420-19522A	CLAMP/HOSE	-	2

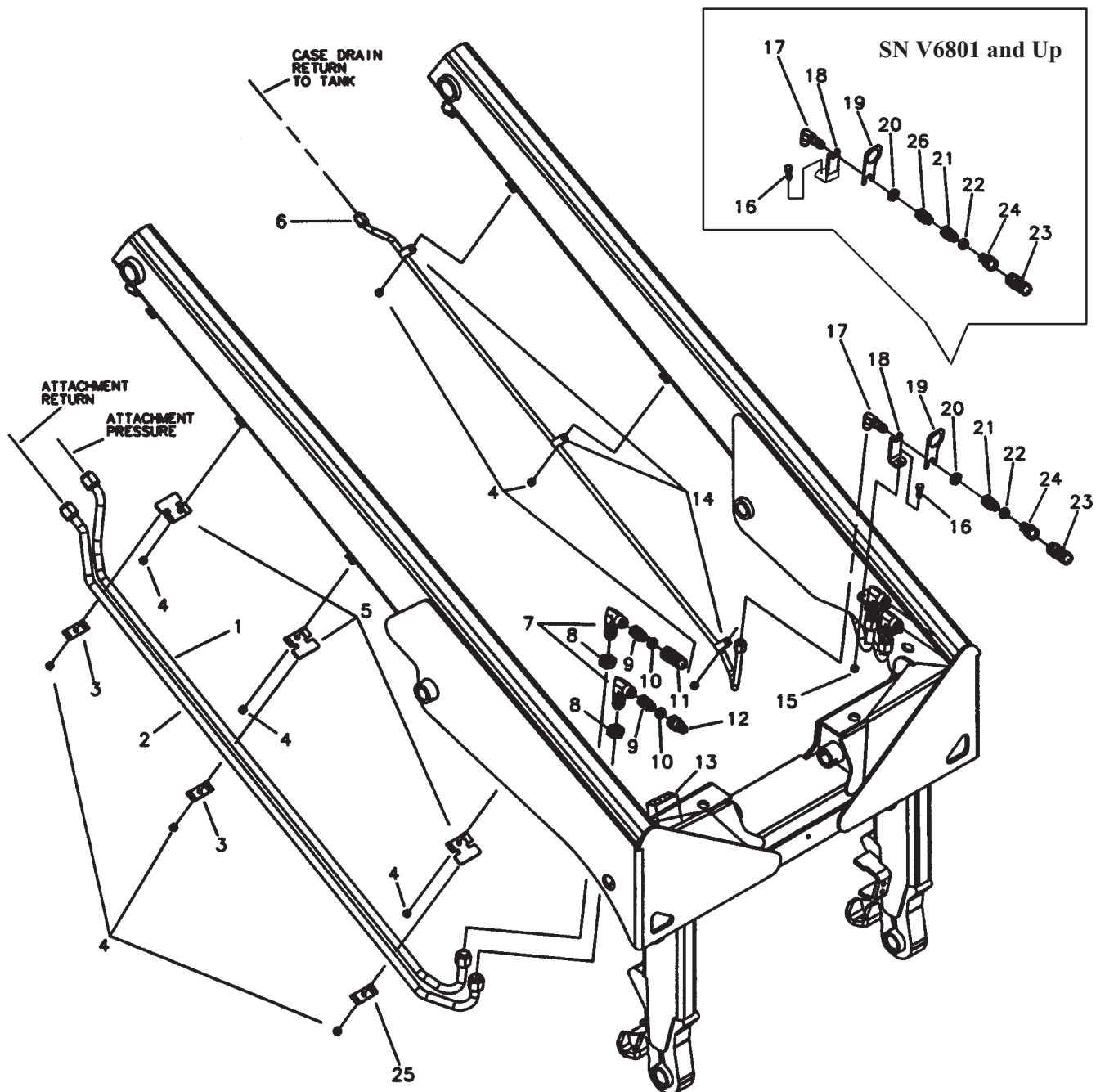
A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

This schematic diagram illustrates the hydraulic system for a front loader. The system is powered by two pumps: a HI-FLOW PUMP (1) and an AUXILIARY PUMP (2). The HI-FLOW PUMP (1) is connected to a CONTROL VALVE (3) and a TO CONTROL VALVE line (36). The AUXILIARY PUMP (2) is connected to a CONTROL VALVE ASSEMBLY (37) and a TO OIL COOLER line (30). The system includes several hoses and lines, including an ATTACHMENT RETURN line (16), an ATTACHMENT PRESSURE line (10), a FROM ATTACHMENT CASE DRAIN line (28), and a TO OIL COOLER line (30). The system also features a CONTROL VALVE ASSEMBLY (37) and a TO OIL COOLER line (30). The diagram is labeled with various components and their connections, including a FRONT OF UNIT arrow indicating the direction of flow.

Ref. No.	Part No.	Description	Quantity 2054 HF
1	188902	PUMP/HIGH FLOW	1
	188904	KIT/SEAL	1
2	230-32366	FITTING/STRAIGHT 7/8 JIC X 1-1/16 SAE	1
3	230-32255	FITTING/TEE 7/8 JIC	1
4	055005	FITTING/90° ELBOW 1-1/16 SAE X 1-1/16 JIC	3
5	067761	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	1
6	170-34933	HOSE/HYDRAULIC	1
7	170-34929	VALVE/PACKAGE ASSEMBLY	1
8	230-19166	FITTING/STRAIGHT 9/16 SAE X 9/16 JIC	1
9	170-34882	SCREEN/IN-LINE	1
10	091039	FITTING/90° ADAPTER 9/16 JIC	1
11	055064	FITTING/45° ELBOW 1-1/16 SAE X 1-1/16 JIC	1
12	062397	FITTING/45° ELBOW 7/8 SAE X 7/8 JIC	1
13	230-32739	FITTING/45° ELBOW 9/16 SAE X 3/4 JIC	1
14	310-32292	SCREW/CAP 3/8-16NC X 4-3/4	2
15	210-19533	NUT/HEX FLANGED CENTERLOCK 3/8-16NC	2
16	170-34931	HOSE AND TUBE/HYDRAULIC	2
17	170-34935	HOSE AND TUBE/HYDRAULIC	1
18	170-34930	HOSE AND TUBE/HYDRAULIC	1
19	170-34936	TUBE/FILL	1
20	088935	FITTING/TEE SIDE OUTLET 3/4 JIC	1
21	170-34934	HOSE AND TUBE/HYDRAULIC	1
22	040-33706	BRACKET/HOSE	1
23	650487	SCREW/CAP PLATED 5/16-18NC X 1	1
24	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	1
25	390-15909	CLAMP/HOSE	2
26	652055	BOLT/CARRIAGE 3/8-16NC X 2-1/4	1
27	071703	NUT/HEX CENTERLOCK 3/8-16NC	2
28	170-34932	HOSE AND TUBE/HYDRAULIC	1
29	170-34200	HOSE AND TUBE/HYDRAULIC	1
30	075235	FITTING/90° ELBOW 1-1/16 JIC	1
31	055897	O-RING	2
32	065415	FITTING/90° ADAPTER 7/8 JIC	1
33	350-32424	O-RING	4
34	350-27267	O-RING	5
35	170-34938	SLEEVE/POWER BEYOND	1
36	089099	FITTING/STRAIGHT 7/8 SAE X 3/4 JIC	1
37	420-36014	HARNESS/WIRE	1
38	090-32484	SWITCH	1
39	420-36176	SWITCH/ALTERNATE ACTION (RIGHT DUAL LEVER)	1
42	030-21846	BOLT/CARRIAGE 3/8-16NC X 2	1
43	170-19764	CLIP/HYDRAULIC LINE	1
44	088467	TIE/CABLE	1

Lift Arm - 2054 High-Flow Models

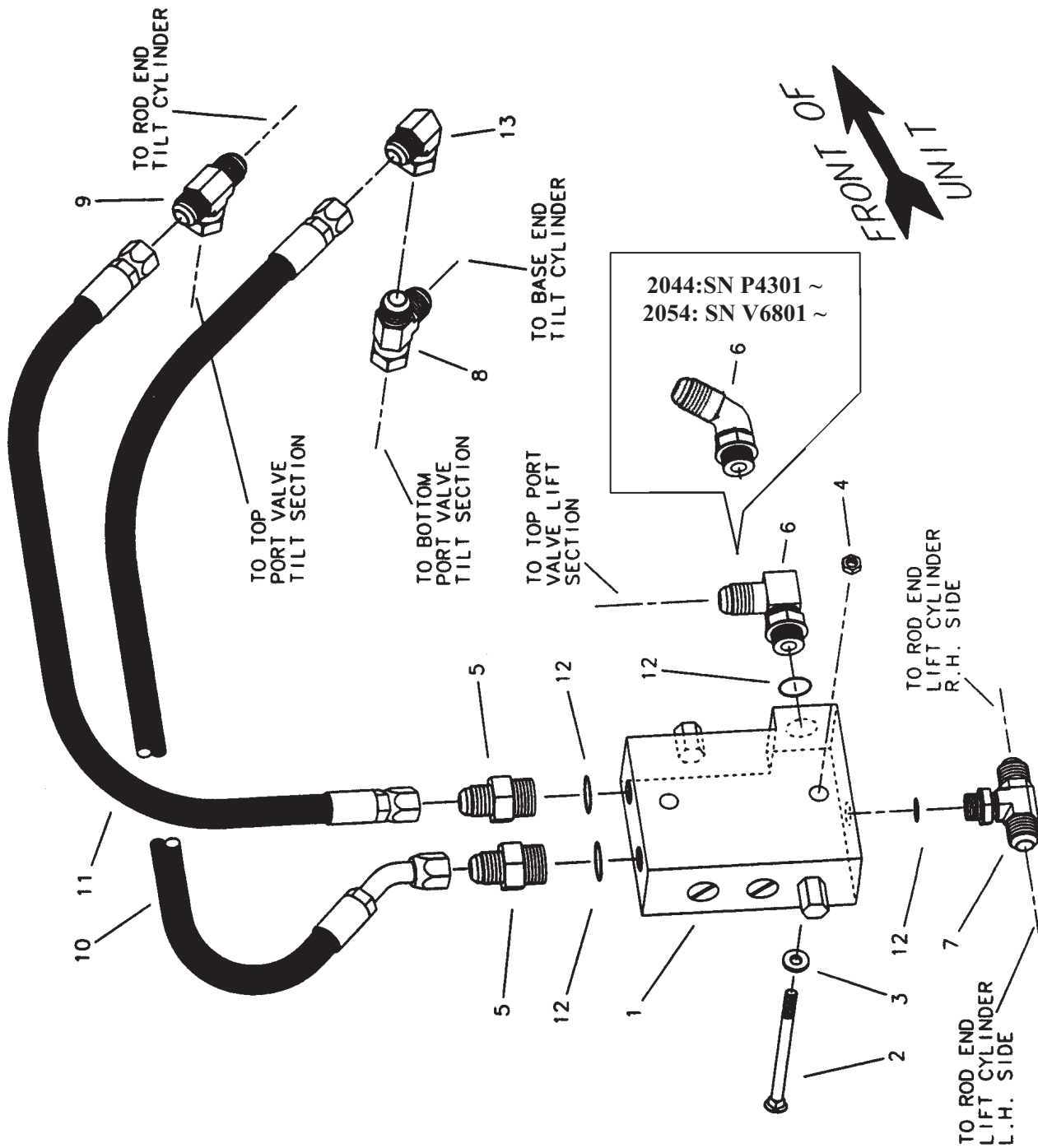


Ref. No.	Part No.	Description	Quantity 2054 HF
1	170-34907	LINE/HYDRAULIC INNER	1
2	170-34906	LINE/HYDRAULIC OUTER	1
3	170-19764	CLAMP/HYDRAULIC LINE	2
4	071703	NUT/HEX CENTERLOCK 3/8-16NC	6
5	390-32809	CLIP/HYDRAULIC LINE	3
6	170-34920	LINE/HYDRAULIC CASE DRAIN	1
7	230-32674	FITTING/90° ELBOW 1-1/16 JIC	2
8	210-32027	NUT/LOCKING 1-1/16	2
9	088267	FITTING/STRAIGHT 1-1/16 SAE X 1-1/16 JIC	2
10	350-27267	O-RING	2
11	100-32167	COUPLING/FEMALE	1
12	100-32164	COUPLING/MALE	1
13	420-36015	DECAL/AUXILIARY PORT/HIGH FLOW	1
14	076147	CLIP/INSULATED	3
15	070856	NUT/HEX WHIZLOCK 3/8-16NC	1
16	310-19536	SCREW/CAP 3/8-16NC X 1	1
17	088442B	ELBOW/SWIVEL 90°	1
	230-21555A	FITTING/90° ELBOW 3/4 JIC	1
18	040-33700	BRACKET/CASE DRAIN TUBE	1
19	040-33707	BRACKET/ELECTRICAL MOUNT	1
20	210-21556C	NUT/LOCK 3/4-16NF	1
21	122898	FITTING/STRAIGHT 3/4 SAE X 3/4 JIC	1
22	350-32423	O-RING	1
23	100-32169	QUICK COUPLER/FEMALE/CASE DRAIN	1
24	100-32168	QUICK COUPLER/MALE/CASE DRAIN	1
25	390-32743	STRAP	1
26	133096B	FITTING/STRAIGHT JIC08 X JIC08	1

A) SN V6800 AND BEFORE

B) SN V6801 AND UP

C) REF. #20 LOCK NUT IS PROVIDED WITH THE REF. #26 STRAIGHT FITTING.

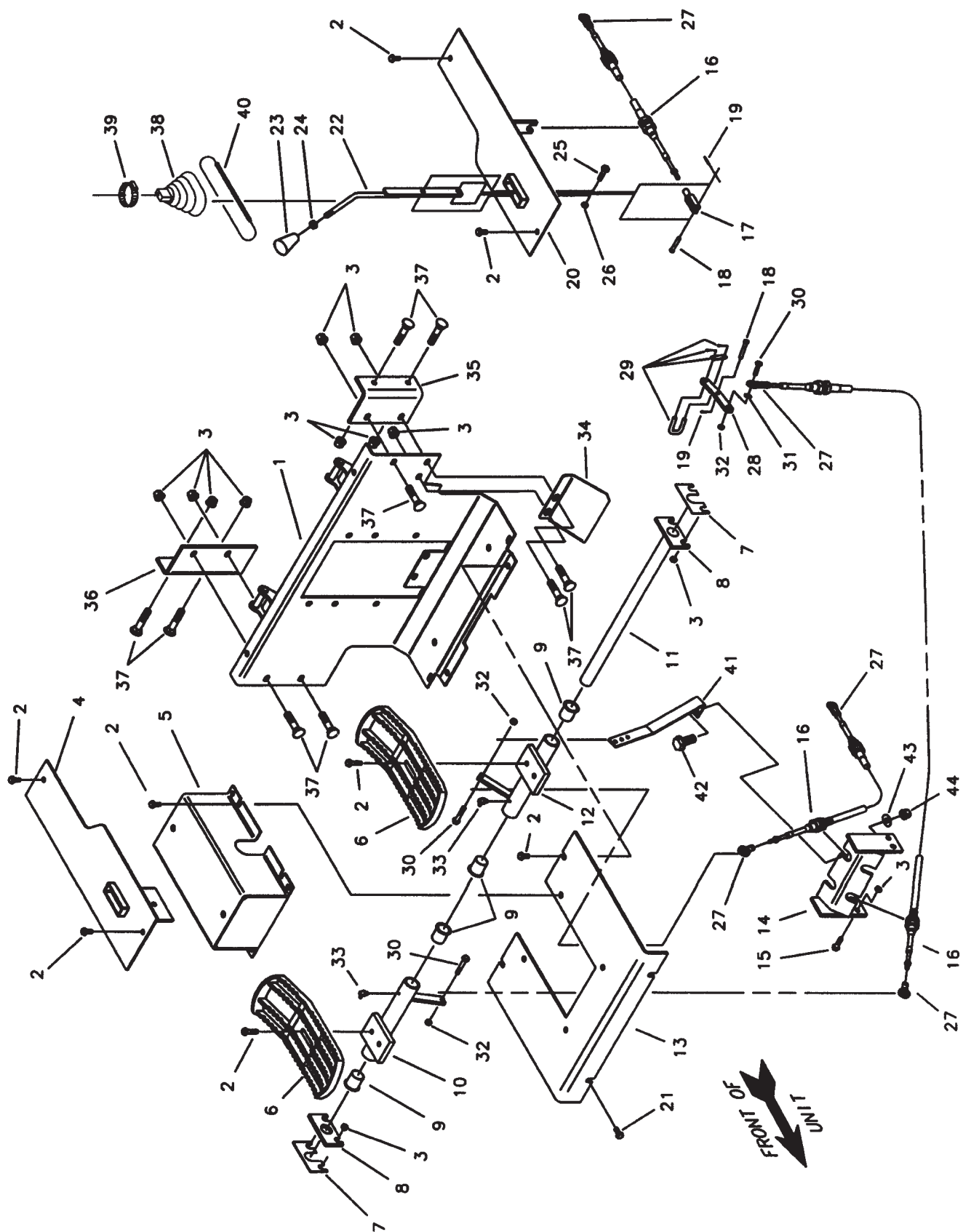


SELF-LEVELING VALVE PLUMBING

Ref. No.	Part No.	Description	Quantity 2044/2054
1	170-34606	VALVE/SELF-LEVELING	1
2	652040	BOLT/CARRIAGE 5/16-18NC X 2-1/2	2
3	654006	WASHER/FLAT 3/8	2
4	071701	NUT/HEX CENTERLOCK 5/16-18NC	2
5	089099	FITTING/STRAIGHT 7/8 SAE X 3/4 JIC	2
6	062397B	FITTING/45° ELBOW MALE	1
	067761A	FITTING/90° ELBOW 7/8 SAE X 7/8 JIC	1
7	230-32503	FITTING/TEE 7/8 SAE X 7/8 JIC	1
8	067460	FITTING/TEE SIDE OUTLET 7/8 JIC	1
9	230-32255	FITTING/TEE 7/8 JIC	1
10	170-34721	HOSE AND TUBE/HYDRAULIC	1
11	170-34720	HOSE/HYDRAULIC	1
12	350-32424	O-RING 7/8	4
13	065415	FITTING/90° ELBOW 7/8 JIC	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP



FOOT PEDAL CONTROL AND CABIN PANEL

Ref. No.	Part No.	Description	Quantity 2044/2054
1	330-33696	PLATE/KICK	1
2	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	8
3	070856	NUT/HEX WHIZLOCK 3/8-16NC	17
4	330-33655	MOUNT/THROTTLE	1
5	330-33664	COVER/ACCESS FOOT PEDAL	1
6	090-30303	PEDAL/FOOT	2
7	200-32667	SHIM/PEDAL MOUNT	AR
8	200-32665	PIVOT/PEDAL SHAFT	2
9	045-31467	BUSHING/FLANGED NYLON	4
10	191866D	PEDAL PIVOT/RIGHT FOOT	
	090-32475C	PEDAL PIVOT/RIGHT FOOT	1
11	320-32676	PIVOT SHAFT/PRESS ASSEMBLY	1
12	191864D	PEDAL PIVOT/LEFT FOOT	1
	090-32474C	PEDAL PIVOT/LEFT FOOT	1
13	330-33663	PLATE/FLOOR	1
14	040-33662	ATTACHMENT/CABLE (2054 MODELS ONLY)	1
15	076589	SCREW/CAP WHIZLOCK 3/8-16NC X 1 (2054 MODELS ONLY)	4
16	090-32486	CABLE/CONTROL (T-BAR)	3
	090-32486	CABLE/LIFT/TILT (DUAL LEVER FOOT CONTROL)	2
	090-32486	CABLE/AUXILIARY (DUAL LEVER HAND CONTROL)	1
	090-32487B	CABLE/TILT (DUAL LEVER HAND CONTROL)	1
	174929B	CABLE/LIFT (DUAL LEVER HAND CONTROL)	1
	090-32487A	CABLE/LIFT/TILT (DUAL LEVER HAND CONTROL)	2
	090-32487	CABLE/AUXILIARY (DUAL LEVER FOOT CONTROL)	1
17	200-28721	CLEVIS	1
18	220-16148	PIN/CLEVIS 1/4 X 3/4	1
19	655001	PIN/COTTER 1/16 X 3/4	1
20	330-33656	MOUNT/LEVER AUXILIARY (T-BAR)	1
	040-33641	PANEL/SEAT LEFT (T-BAR W/OUT AUXILIARY)	1
21	310-32616	SCREW/CAP WHIZLOCK 3/8-16NC X 1/2	2
22	090-32451	LEVER/AUXILIARY	1
23	420-34114	KNOB	1
24	653010	NUT/HEX 3/8-16NC	1
25	310-19536	SCREW/CAP 3/8-16NC X 1	1
26	071703	NUT/HEX CENTERLOCK 3/8-16NC	1
27	200-32345	ROD END/FEMALE	5
28	174899B	LINKAGE/VALVE	3
	200-32664A	LINKAGE/VALVE TO CABLE	3
29	200-32659	ASSEMBLY/LOCK AND PIN	3
30	650835	SCREW/CAP 1/4-20NC X 1	5
31	650580	WASHER/FLAT 3/16	3
32	071700	NUT/HEX CENTERLOCK 1/4-20NC	5
33	191856D	FITTING/GREASE	2
	420-32969C	ZERK/GREASE	2
34	330-33697	COVER/BRAKE ACCESS	1
35	040-33676	BRACKET/KICK PLATE MOUNT LEFT	1
36	040-33675	BRACKET/KICK PLATE MOUNT RIGHT	1
37	650704	BOLT/CARRIAGE 3/8-16NC X 1	9
38	420-35171	BOOT/AUXILIARY	1
39	061166	CLAMP/HOSE	1
40	055648	TIE/CABLE	1
41	040-33633	BRACKET/FOOT PEDAL (HANDS ONLY CONTROLS)	1
42	650495	SCREW/CAP 1/2-13NC X 1-1/4	1
43	654009	WASHER/FLAT 1/2	1
44	071706	NUT/HEX CENTERLOCK 1/2-13NC	1

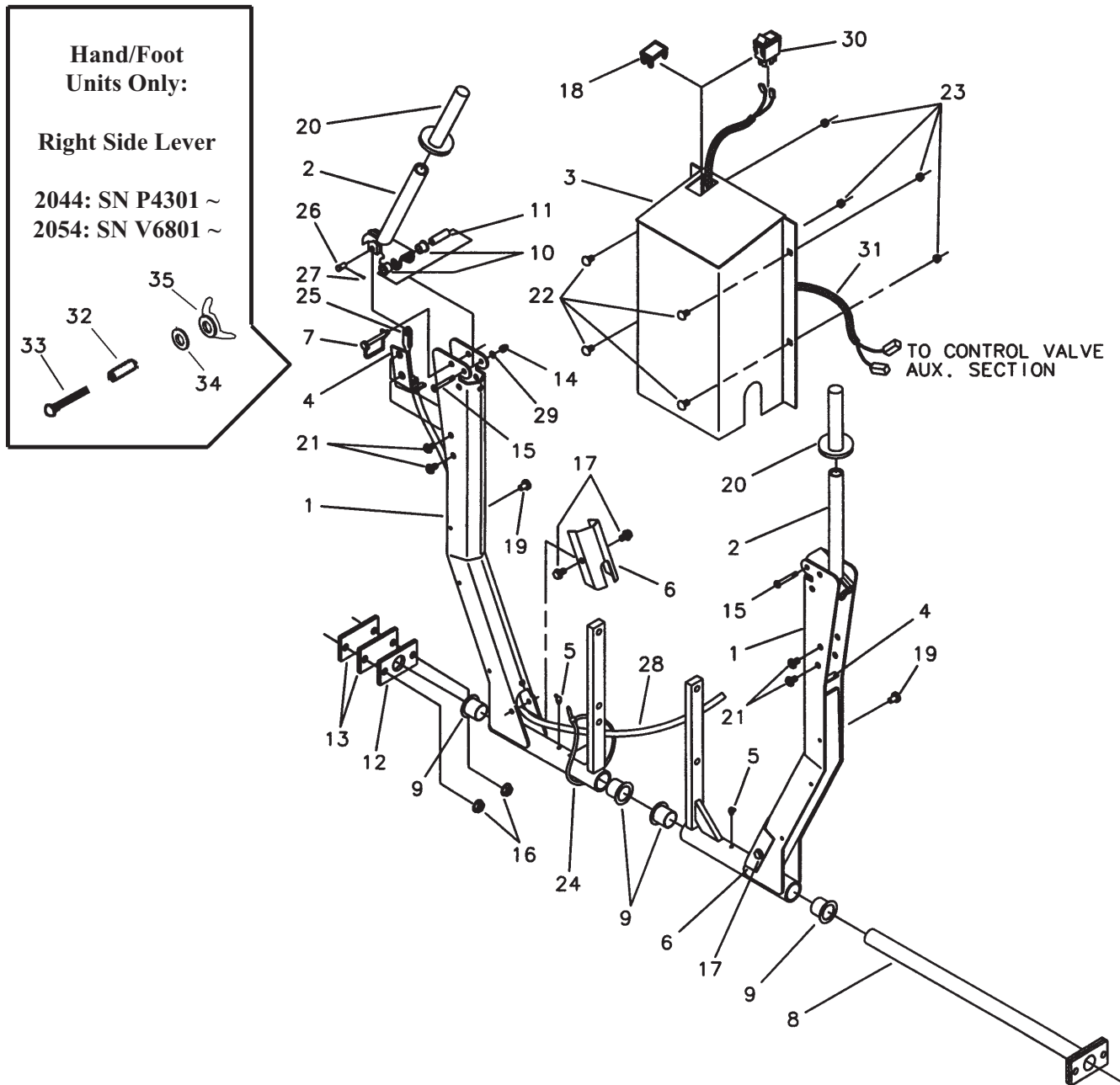
A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

C) 2044: SN K4686 AND BEFORE. 2054: SN K7249 AND BEFORE

D) 2044: SN K4687 AND UP. 2054: SN K7250 AND UP

Dual Lever Steering



Ref. No.	Part No.	Description	Quantity Dual Lever
1	191976D	HANDLE/DUAL LEVER	2
	174888C	HANDLE/DUAL LEVER	2
	090-32473A	LEVER/DUAL	2
2	090-32471	HANDLE/DUAL LEVER	2
3	330-33629	WRAPPER	1
4	174896B	BRACKET/CONTROL CABLE	1
	040-33625A	MOUNT/CONTROL CABLE	2
5	191856D	FITTING/GREASE	2
	420-32623	ZERK/GREASE	2
6	330-33630	COVER/CABLE	2
7	220-21787	PIN/SNAPPER (HAND/FOOT ONLY)	2
8	320-32676	ASSEMBLY/PIVOT SHAFT PRESS	1
9	045-31467	BUSHING/FLANGED	4
10	045-31470	BUSHING/OILITE FLANGED	4
11	045-31471	BUSHING/HANDLE PIVOT	2
12	200-32665	PIVOT	1
13	200-32667	SHIM/SHAFT	2
14	210-32131	NUT/ACORN	2
15	310-32627	SCREW/BUTTON HEAD 1/4-20NC X 2	2
16	070856	NUT/HEX WHIZLOCK 3/8-16NC	4
17	650510	SCREW/SELF-TAPPING 5/16-18NC X 1/2	4
18	420-35550	PLUG	1
19	420-33048	BUMPER	2
20	420-36179	GRIP	2
21	310-32628	SCREW/BUTTON HEAD 5/16-18NC X 1/2	2
22	650573	BOLT/CARRIAGE 5/16-18NC X 1	4
23	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	4
24	088467	TIE/CABLE	2
25	200-28721	CLEVIS	1
26	220-16148	PIN/CLEVIS 1/4 X 3/4	1
27	655001	PIN/COTTER 1/16 X 3/4	1
28	090-32486	CABLE/CONTROL	1
29	650580	WASHER/FLAT 3/16	2
30	090-32468	SWITCH/AUXILIARY (HANDS ONLY CONTROLS)	1
31	420-35786	WIRE HARNESS/AUXILIARY LOCK (HANDS ONLY CONTROLS)	1
32	175133B	SPACER	1
33	651663B	BOLT/CARRIAGE 5/16 X 2	1
34	654004B	WASHER/FLAT 5/16	1
35	653094B	NUT/WING 5/16	1

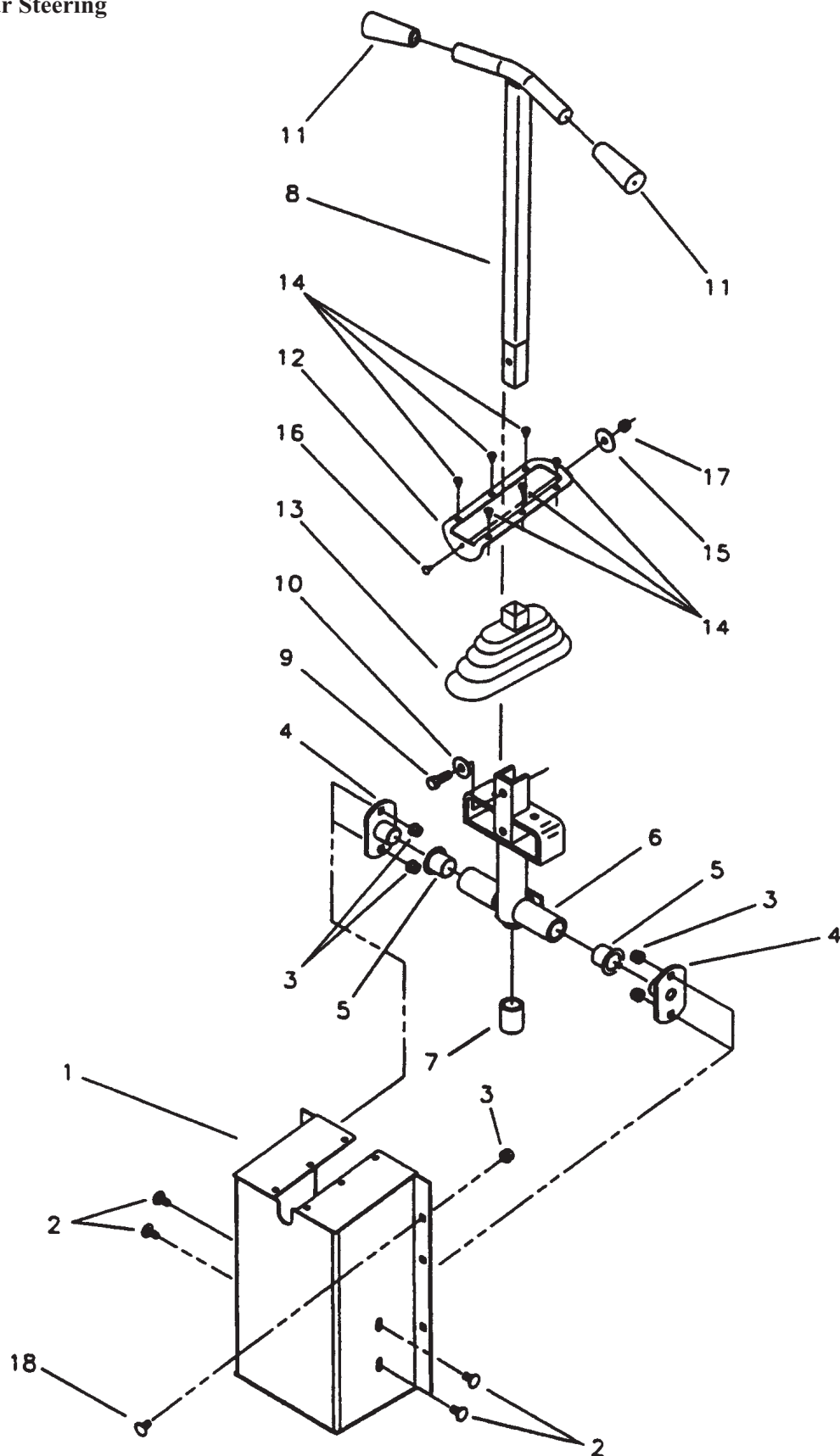
A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

C) 2044: SN P4301 - K4686. 2054: SN V6801 - K7249.

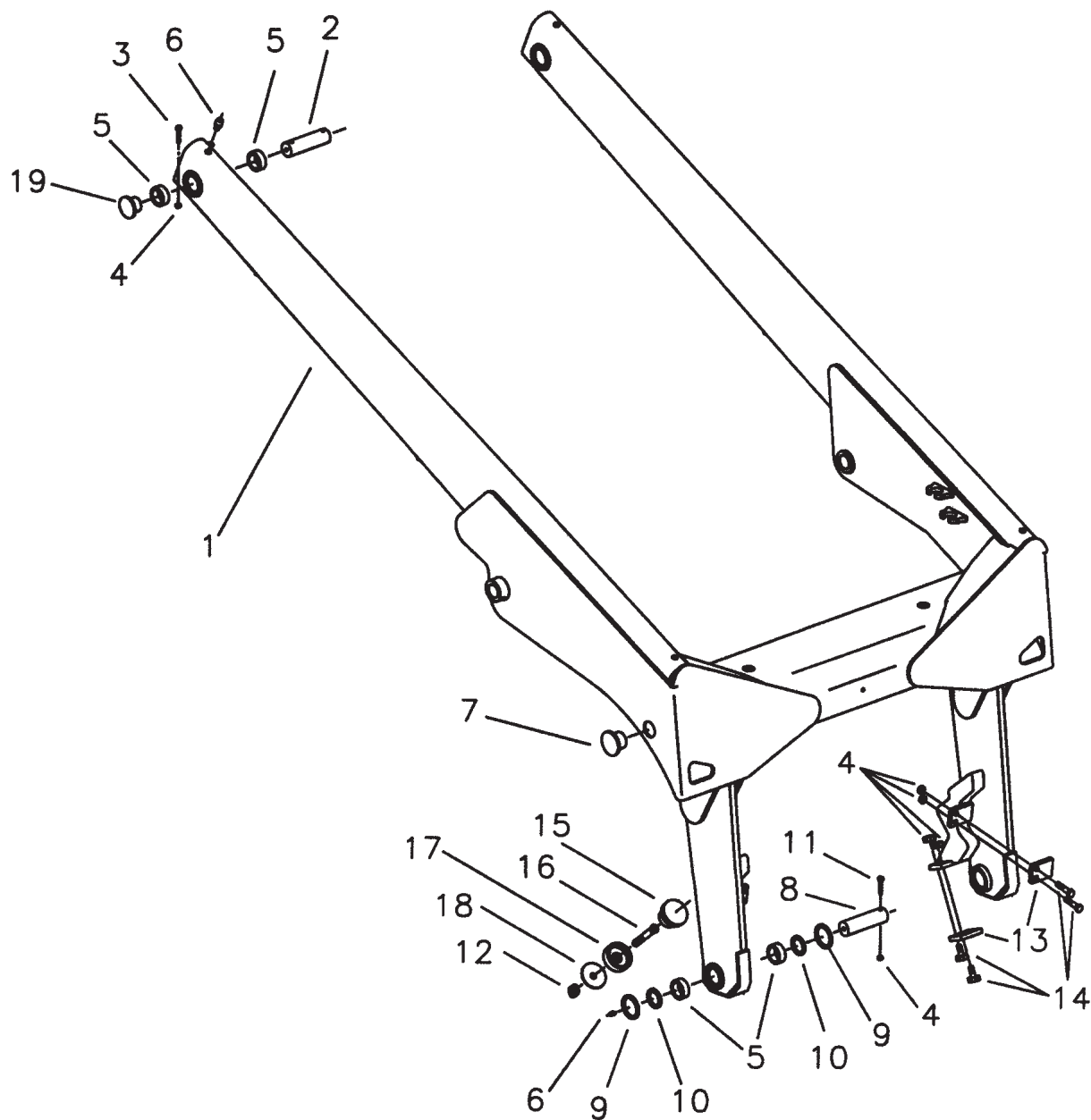
D) 2044: SN K4687 AND UP. 2054: SN K7250 AND UP

T-Bar Steering



Ref. No.	Part No.	Description	Quantity T-Bar
1	330-33614	WRAPPER/T-STICK	1
2	650687	BOLT/CARRIAGE 5/16-18NC X 3/4	4
3	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	10
4	200-32655	PIVOT	2
5	045-31467	BUSHING	2
6	090-32476	SUPPORT/T-STICK	1
	570002	ZERK/GREASE 1/8 NPT	1
7	045-31342	BEARING/OILITE	2
8	090-32480	HANDLE/T-STICK	1
9	650910	SCREW/CAP 3/8-24NF X 1-1/4	1
10	654026	WASHER/LOCK 3/8	1
11	420-35348	GRIP	2
12	040-33610	BOOT HOLDER/T-STICK	1
13	420-35655	BOOT/T-STICK	1
14	651312	SCREW/CROSS RECESS HEAD #10-24NC X 1/2	6
15	400-32505	WASHER/SPECIAL	1
16	650548	SCREW/MACHINE ROUND HEAD #10-24NC X 1/2	1
17	210-32030	NUT/HEX WHIZLOCK #10-24NC	1
18	650573	BOLT/CARRIAGE 5/16-18NC X 1	6

2044 Models



Ref. No.	Part No.	Description	Quantity 2044
1	120-32914	ARM/LIFT	1
2	220-32641	PIN/PIVOT	2
3	650535	SCREW/CAP 3/8-16NC X 2-1/4	2
4	071703	NUT/HEX CENTERLOCK 38-16NC	12
5	045-31420	BUSHING/OILITE	8
6	570002	ZERK/GREASE	4
7	420-35614	PLUG	2
8	174969F	PIN/PIVOT	2
	220-32642E	PIN/PIVOT	2
9	400-32412	WASHER/SHIM	AR
10	335-32203	SEAL/PIN	4
11	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	2
12	071706	NUT/HEX CENTERLOCK 1/2-13NC	2
13	360-32646	PLATE/WEAR 3/16	AR
	360-32647	PLATE/WEAR 1/4	AR
	360-32648	PLATE/WEAR 5/16	AR
14	081377	SCREW/CAP WHIZLOCK 3/8-16NC X 1-1/4	8
15	420-35454A	BUMPER/DOWN STOP	2
16	310-32585D	SCREW/FLAT SOCKET HEAD 1/2-13NC X 1-1/2	2
	310-32617C	SCREW/FLAT SOCKET HEAD 1/2-13NC X 1	2
17	189144B	STOP/DOWN	2
	360-32598A	DOWN/STOP LIFTARM	2
18	360-32599	SHIM/DOWN STOP	AR
19	420-35998	PLUG	2

A) PART NUMBER REPLACED BY P/N 189144.

B) P/N 189144 IS A ONE-PIECE STOP, REPLACING TWO PREVIOUSLY EXISTING PARTS (360-32589 AND 420-35454). SN P3970 AND UP

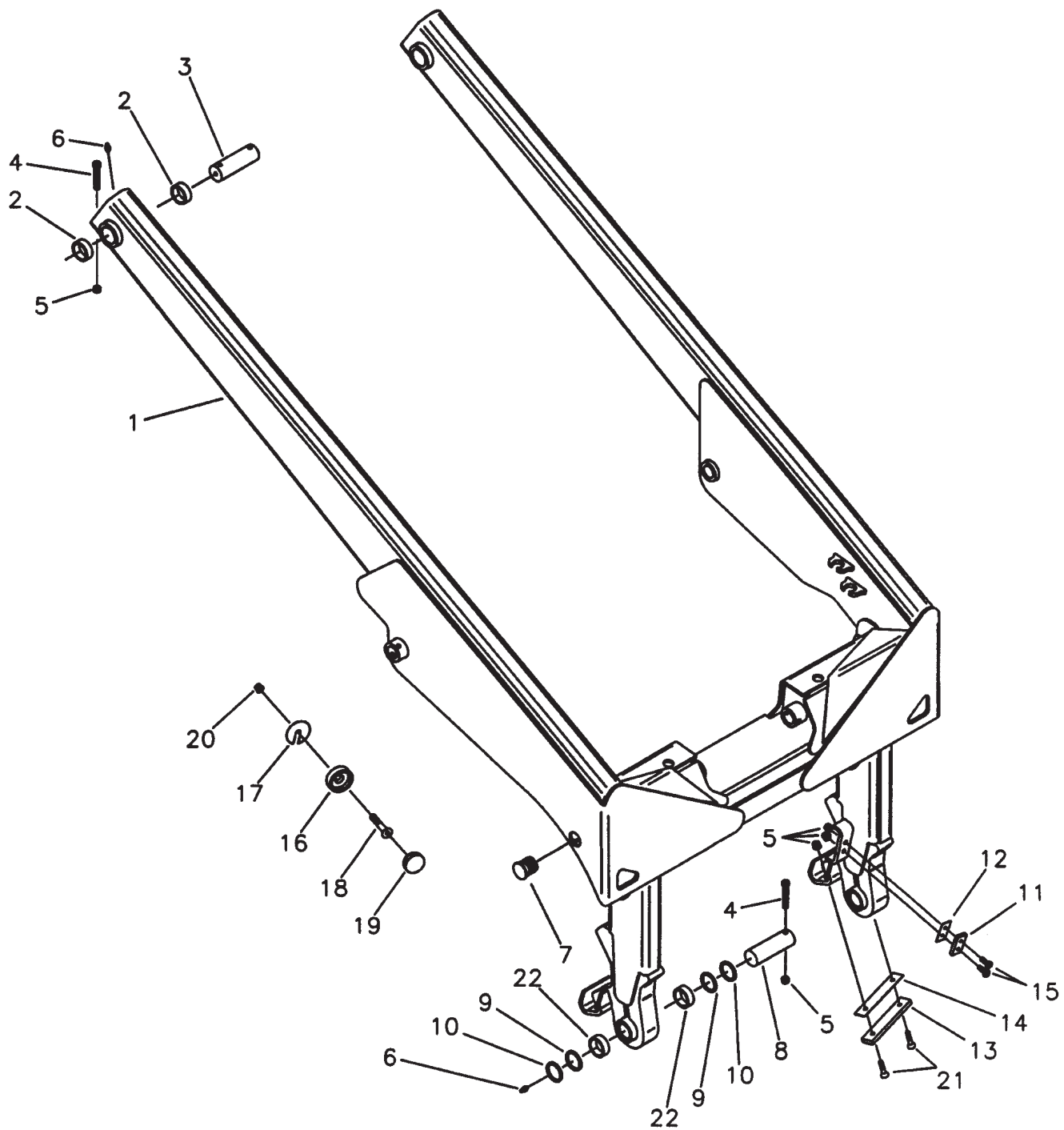
C) OLD HARDWARE PART NUMBER FOR TWO-PIECE STOP.

D) HARDWARE PART NUMBER FOR NEWER ONE-PIECE STOP P/N 189144.

E) 2044: SN P4300 AND BEFORE

F) 2044: SN P4301 AND UP

2054 Models



Ref. No.	Part No.	Description	Quantity 2054
1	120-32974	ARM/LIFT	1
2	045-31438	BUSHING/OILITE	4
3	220-32660	PIN/PIVOT	2
4	310-19539	SCREW/CAP 3/8-16NC X 2-1/2	4
5	071703	NUT/HEX CENTERLOCK 38-16NC	12
6	570002	ZERK/GREASE	4
7	420-35614	PLUG	2
8	174969D	PIN/PIVOT	2
	220-32642C	PIN/PIVOT	2
9	335-32203	SEAL/PIN	4
10	400-32412	WASHER/SHIM	AR
11	360-32594	PLATE/WEAR	2
12	360-32597	SHIM/ROLL BACK	AR
13	360-32626	PLATE/WEAR	2
14	360-32627	SHIM/DOWN STOP	AR
15	310-32656	SCREW/FLAT SOCKET HEAD 1/2-13NC X 1-1/4	4
16	189144B	STOP/DOWN	2
	360-32598A	DOWN/STOP LIFTARM	2
17	360-32599	SHIM/DOWN STOP	AR
18	310-32585	SCREW/FLAT SOCKET HEAD 1/2-13NC X 1-1/2	2
19	420-35454A	BUMPER/DOWN STOP	2
20	210-19532	NUT/HEX CENTERLOCK 1/2-13NC	2
21	310-32662	SCREW/FLAT SOCKET HEAD 3/8-16NC X 1-1/2	4
22	045-31420	BUSHING/OILITE	4

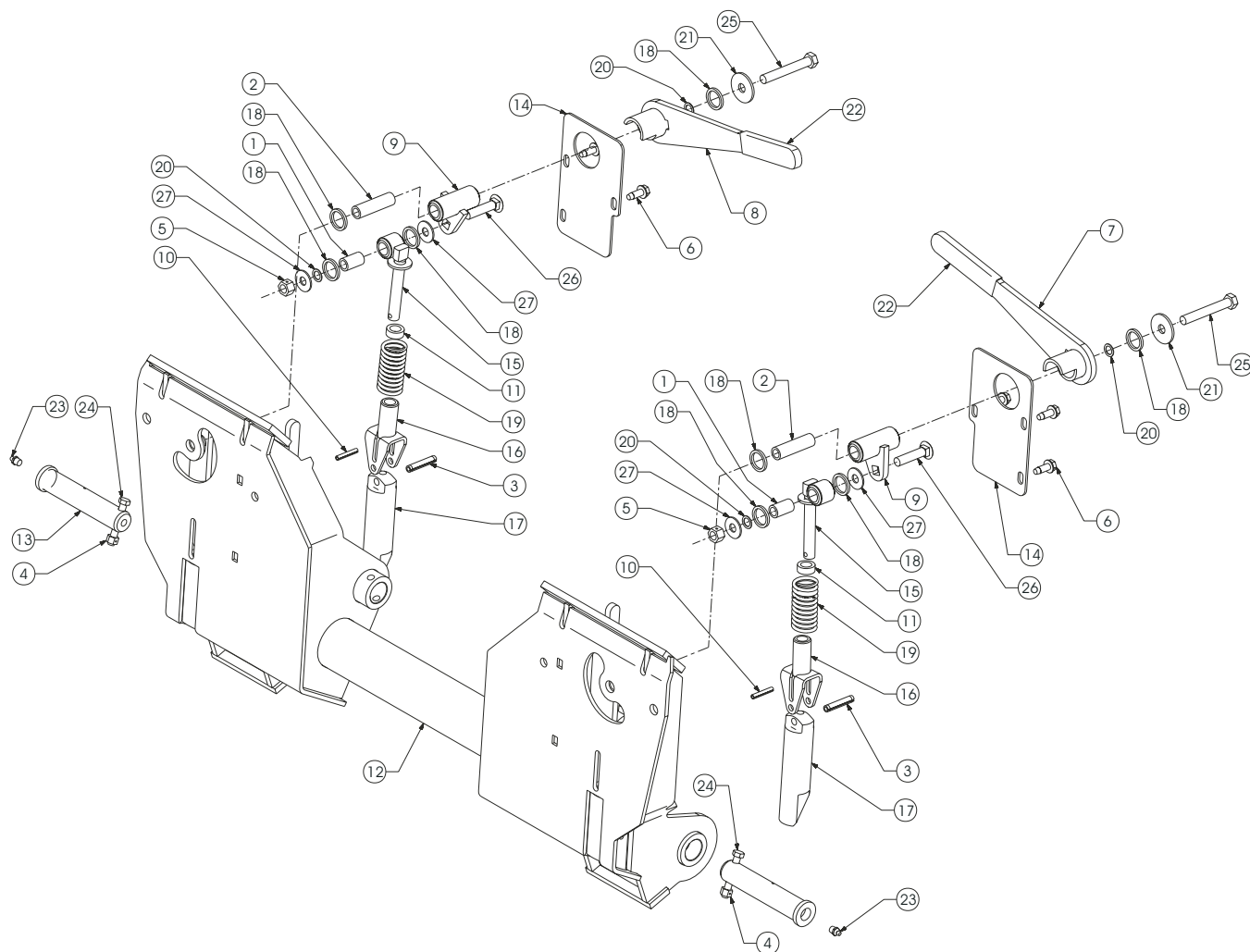
A) PART NUMBER REPLACED BY P/N 189144.

B) P/N 189144 IS A ONE-PIECE STOP, REPLACING TWO PREVIOUSLY EXISTING PARTS (360-32589 AND 420-35454). SN V6389 AND UP

C) 2054: SN V6800 AND BEFORE

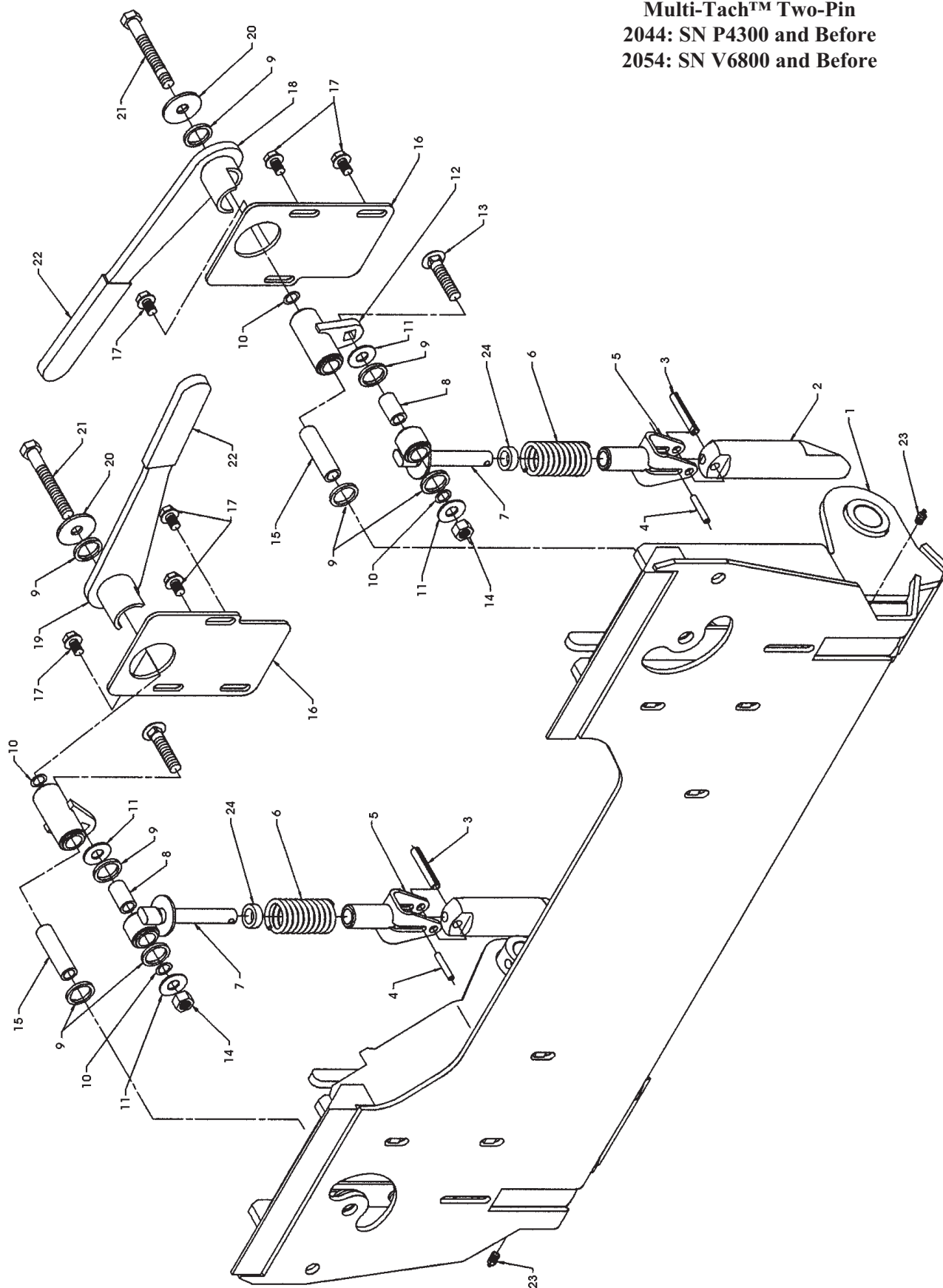
D) 2054: SN V6801 AND UP

Fast-A-Tach™ Two-Pin
2044: SN P4301 and Up
2054: SN V6801 and Up



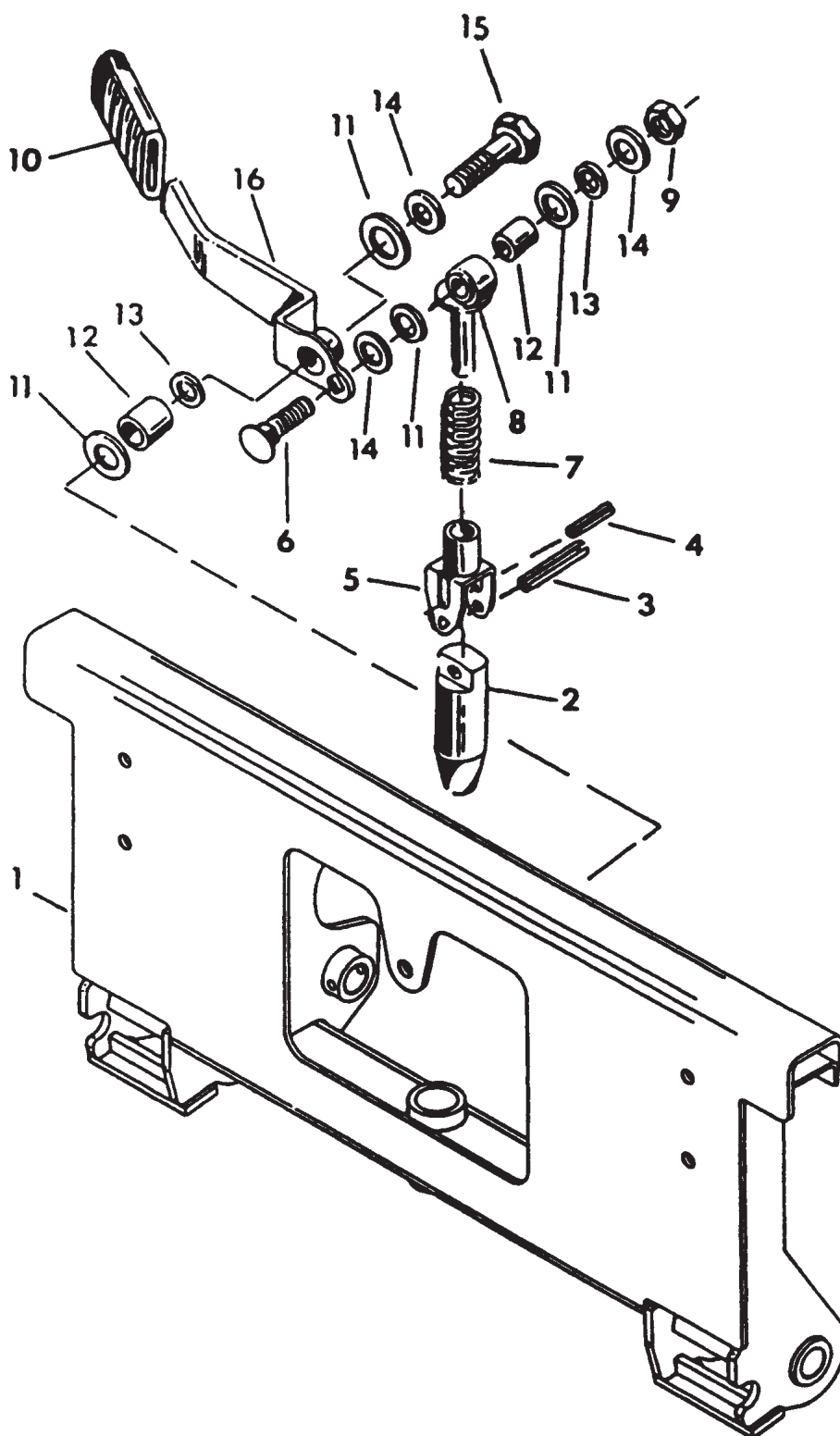
Ref. No.	Part No.	Description	Quantity Fast-A-Tach™ Two-Pin
	175121	FAST-A-TACH™ COMPLETE	1
1	045-31440	BUSHING/OILITE	2
2	045-31469	BUSHING/OILITE	2
3	062756	PIN/SPRING 3/8 X 2	2
4	071703	NUT/LOCK 3/8	2
5	071706	NUT/HEX CENTERLOCK 12-13NC	2
6	072330	SCREW/TAPPING THWH TF USL 3/8 X 1	6
7	090-32462	HANDLE/LEFT	1
8	090-32463	HANDLE/RIGHT	1
9	090-32464	LEVER	2
10	13E24	PIN/ROLL 1/4 X 1-1/2	2
11	140053	BUSHING/SPACER	2
12	174947	WELDMENT/TWO-PIN ATTACHMENT	1
13	174969	PIN/PIVOT	2
14	175015	COVER/LATCH	2
15	200-32586	ROD/LINK	2
16	200-32587	CLEVIS	2
17	220-32632	PIN/LATCH	2
18	350-32502	RING/QUAD	8
19	380-32382	SPRING/COMPRESSION	2
20	400-21033	WASHER/SPECIAL	4
21	400-30803	WASHER/SPECIAL	2
22	420-18757	GRIP/HANDLE	2
23	570002	ZERK/GREASE	2
24	650492	SCREW/CAP 3/8 X 2-1/2	2
25	650650	SCREW/CAP 1/2-13NC X 3-1/2	2
26	650740	BOLT/CARRIAGE 1/2-13NC X 2-1/4	2
27	654046	WASHER/FLAT 7/16	4

Multi-Tach™ Two-Pin
2044: SN P4300 and Before
2054: SN V6800 and Before



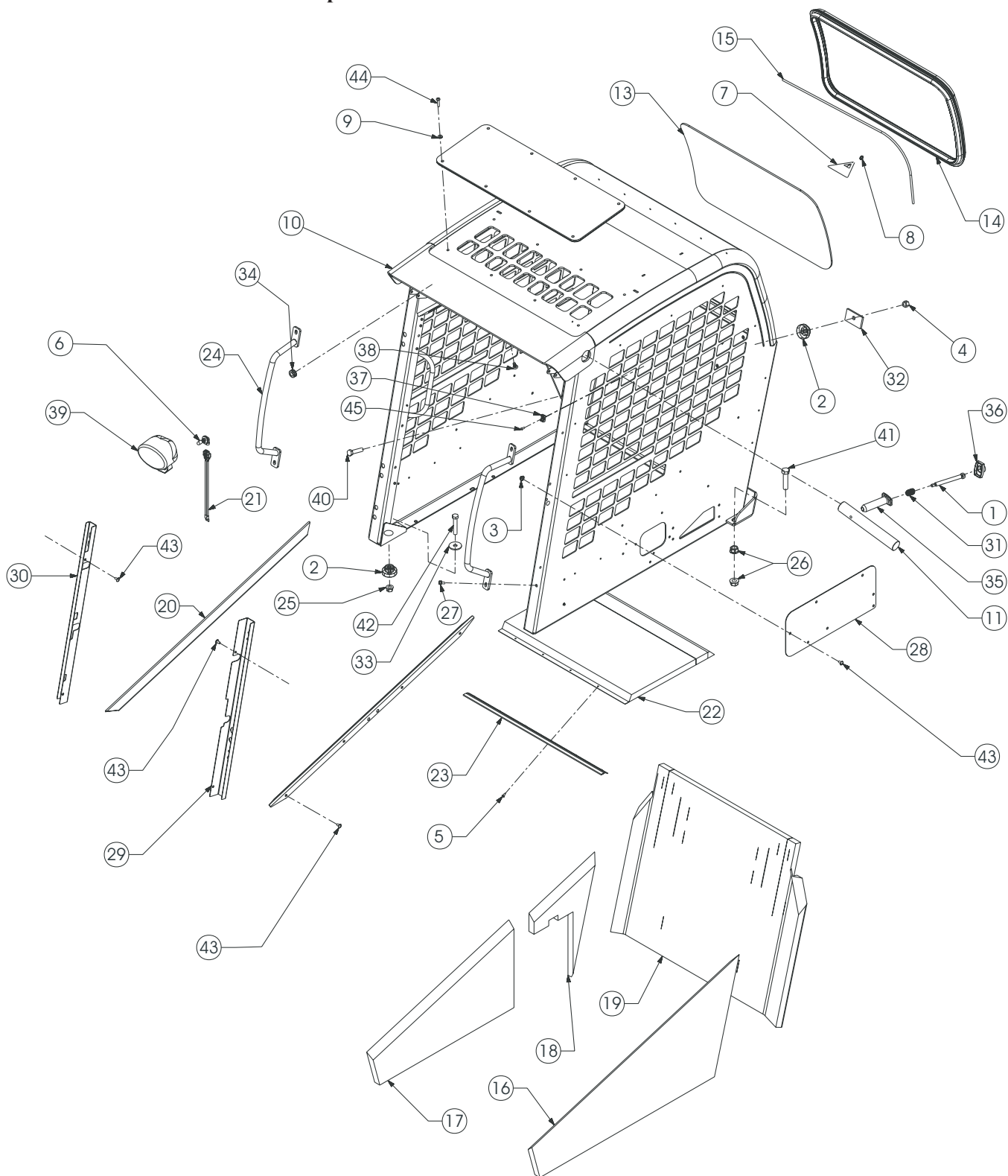
Ref. No.	Part No.	Description	Quantity Multi-Tach™ Two-Pin
	490-33347	MULTI-TACH™ / COMPLETE	1
1	120-33002	WELDMENT/MULTI-TACH™	1
2	220-32632	PIN/LATCH	2
3	062756	PIN/SPRING 3/8 X 2	2
4	13E24	PIN/ROLL 1/4 X 1-1/2	2
5	200-32587	CLEVIS	2
6	380-32382	SPRING/COMPRESSION	2
7	200-32586	ROD/LINK	2
8	045-31440	BUSHING/OILITE	2
9	350-32502	RING/QUAD	8
10	400-21033	WASHER/SPECIAL	4
11	654046	WASHER/FLAT 7/16	4
12	090-32464	LEVER	2
13	650740	BOLT/CARRIAGE 1/2-13NC X 2-1/4	2
14	071706	NUT/HEX CENTERLOCK 12-13NC	2
15	045-31469	BUSHING/OILITE	2
16	330-33720	COVER/LATCH	2
17	310-32616	SCREW/CAP WHIZLOCK 3/8-16NC X 1/2	6
18	090-32462	HANDLE/LEFT	1
19	090-32463	HANDLE/RIGHT	1
20	400-30803	WASHER/SPECIAL	2
21	650650	SCREW/CAP 1/2-13NC X 3-1/2	2
22	420-18757	GRIP/HANDLE	2
23	570002	ZERK/GREASE	2
24	140053	BUSHING/SPACER	2

Fast-A-Tach™ Single-Pin
 2044: SN P4300 and Before
 2054: SN V6800 and Before



Ref. No.	Part No.	Description	Quantity Fast-A-Tach™ Single-Pin
	490-33356	FAST-A-TACH™/COMPLETE	1
1	120-32924	WELDMENT/FAST-A-TACH™	1
2	220-32586	PIN/LATCH	1
3	062756	PIN/SPRING 3/8 X 2	1
4	13E24	PIN/SPRING 1/4 X 1-1/2	1
5	200-32587	CLEVIS	1
6	650740	BOLT/CARRIAGE 1/2-13NC X 2-1/4	1
7	380-32382	SPRING	1
8	200-32586	ROD/LINK	1
9	071706	NUT/HEX CENTERLOCK 1/2-13NC	1
10	420-18757	GRIP	1
11	350-32502	RING/QUAD	2
12	045-31440	BUSHING/OILITE	2
13	400-21033	WASHER/SHIM	AR
14	654046	WASHER/FLAT 7/16	2
15	650585	SCREW/CAP 1/2-13NC X 1/2	1
16	090-32352	HANDLE	1
	190-32679	KIT/FAST-A-TACH™ LATCH (INCLUDES ITEMS 2-16)	1

2044: SN P4301 and Up
2054: SN V6801 and Up

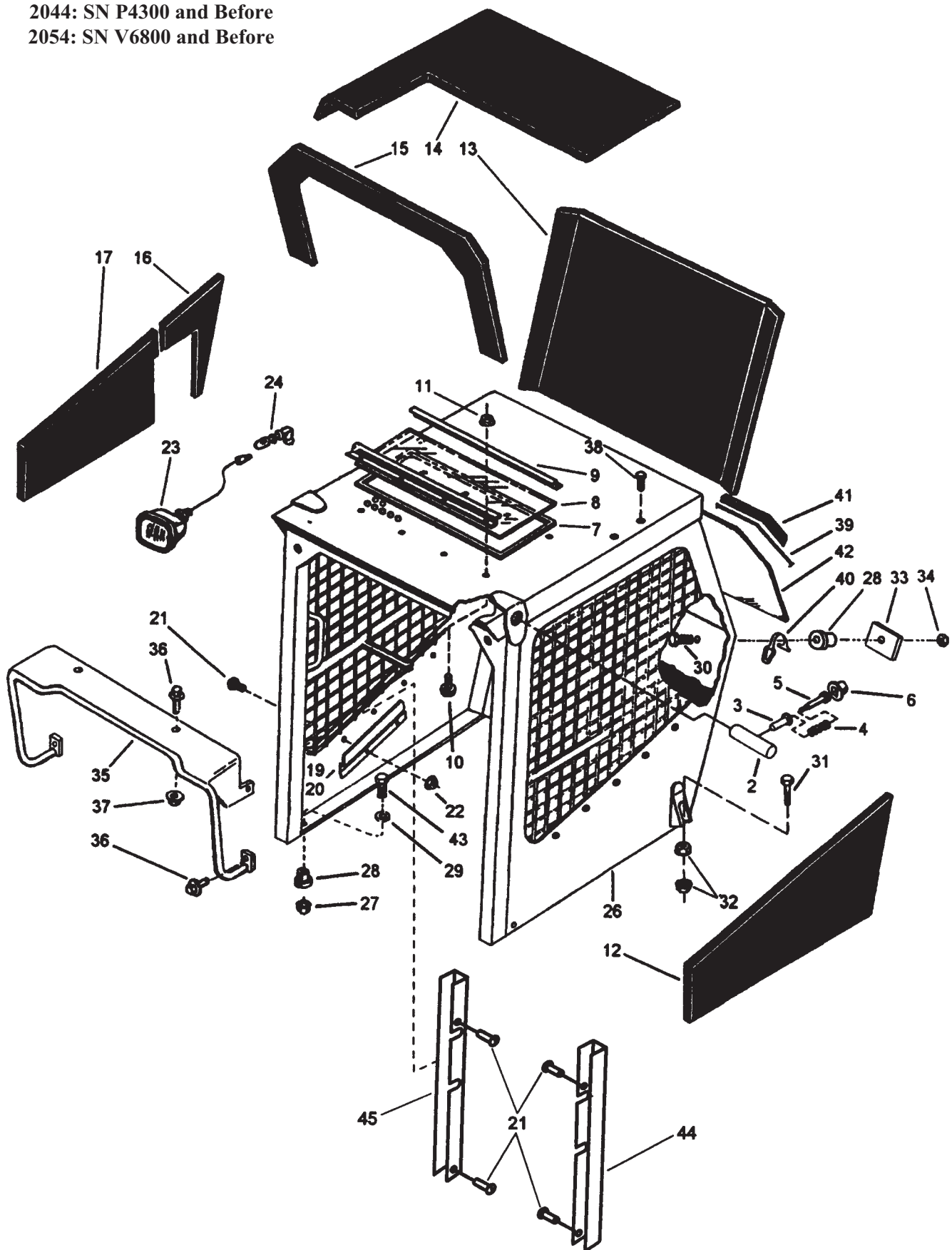


Ref. No.	Part No.	Description	Quantity 2044/2054
1	030-31911	SCREW/SHOULDER #10	2
2	064543	MOUNT/RUBBER	4
3	070634	NUT/LOCK SERRATED FLANGE 1/4	7
4	071706	NUT/LOCK 1/2	5
5	310-32624	SCREW/CAP SELF-TAPPING #10 X 5/8	6
6	122488	BULB (INCLUDED WITH ITEM 39)	3
7	132166	TAG/RIP CORD	1
8	132294	RING	1
9	137462	WASHER/SEALING 1/4	8
10	174807	WELDMENT/ROPS	1
11	174973	PIN/LIFTARM LOCK	2
12	174974	WINDOW/TOP	1
13	174975	WINDOW/REAR	1
14	175013	SEAL/WINDOW	1
15	175014	STRIP/LOCKING SEAL	1
16	175023	PAD/FOAM LEFT	1
17	175024	PAD/FOAM RIGHT	1
18	192202	PAD/FOAM RIGHT REAR	1
19	175036	PAD/REAR LOWER ROPS	1
20	175044	GUARD/HEADLINER	2
21	175094	PLUG/LIGHT	2
22	175105	PAD/FOAM ROOF	1
23	175162	SHIELD/HEADLINER	1
24	189996A	WELDMENT/GRAB HANDLE	2
25	210-19532	NUT/CENTERLOCK FLANGE 1/2	2
26	210-20571	NUT/LOCK SERRATED FLANGE 5/8	4
27	310-19471A	SCREW/CAP WHIZLOCK 1/4 X 1/2	4
28	330-33773	COVER/HEATER ACCESS	1
29	330-33817	POST COVER/ROPS LEFT	1
30	330-33818	POST COVER/ROPS RIGHT	1
31	380-32358	SPRING/LOCK KNOB	2
32	390-32718	PLATE/CLAMP	2
33	400-30803	WASHER/FLAT 17/32	2
34	420-32422	GROMMET	2
35	420-34470	KNOB/LIFTARM LOCK	2
36	420-34597	COVER/LIFTARM KNOB	2
37	420-35678	MOUNT/WIRE TIE	9
38	420-36132	CLIP/CHRISTMAS TREE	4
39	420-36292	HEADLIGHT (INCLUDES ITEM 5)	3
40	650502	SCREW/CAP 1/2 X 2-1/4	2
41	650572	SCREW/CAP 5/8 X 2-3/4	2
42	650850	SCREW/CAP 1/2 X 2-3/4	2
43	650943	SCREW/MACHINE TRUSS HEAD SLOTTED 1/4 X 1/2	11
44	651672B	SCREW/MACHINE PAN HEAD SLOTTED 1/4 X 1-1/8	8
	310-12050A	SCREW/MACHINE TRUSS HEAD 1/4 X 1	8
45	983-01353	RIVET/POP 3/16	9

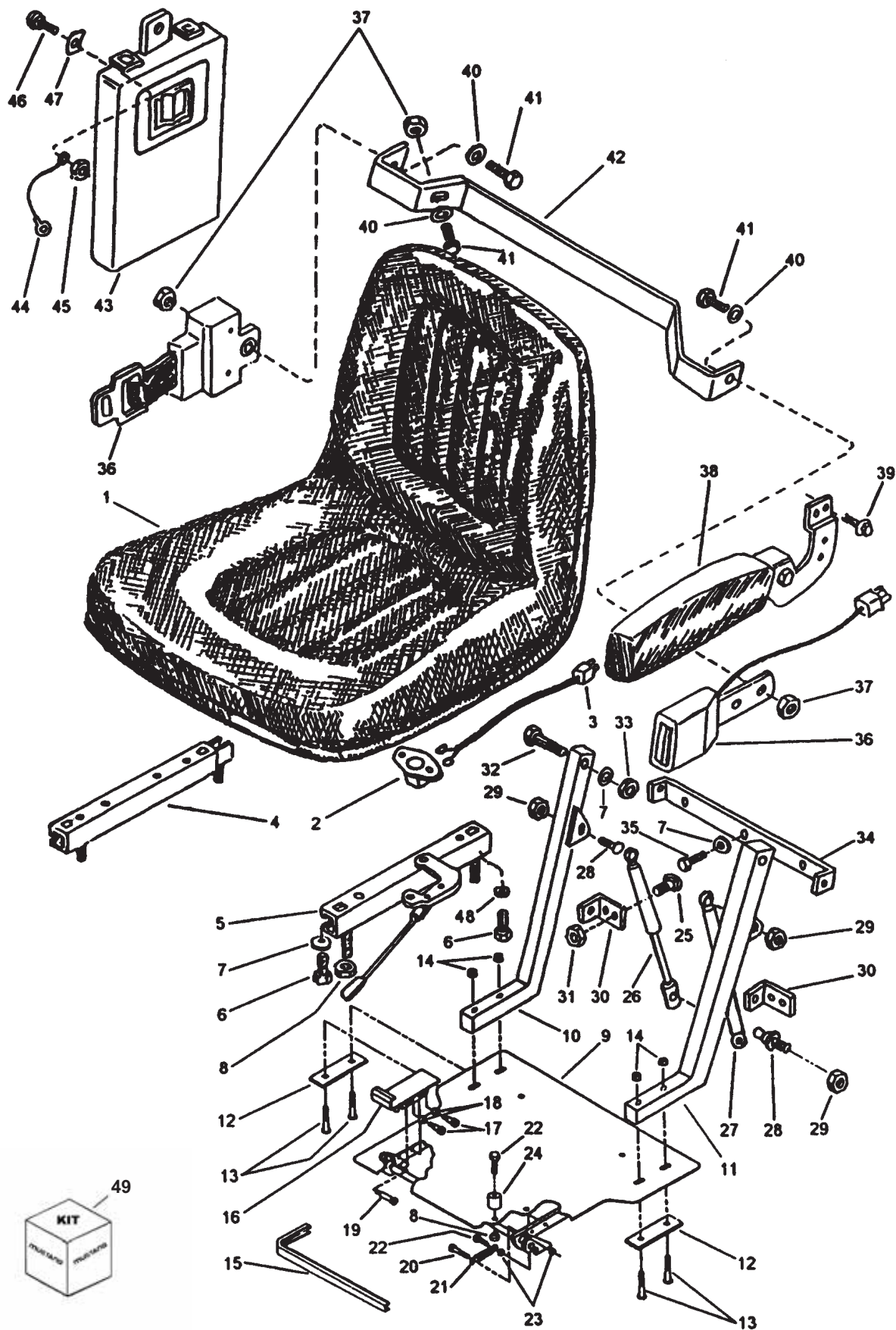
A) 2044: SN H4812 AND BEFORE. 2054: SN T7471 AND BEFORE

B) 2044: SN H4813 AND UP. 2054: SN T7472 AND UP

2044: SN P4300 and Before
2054: SN V6800 and Before



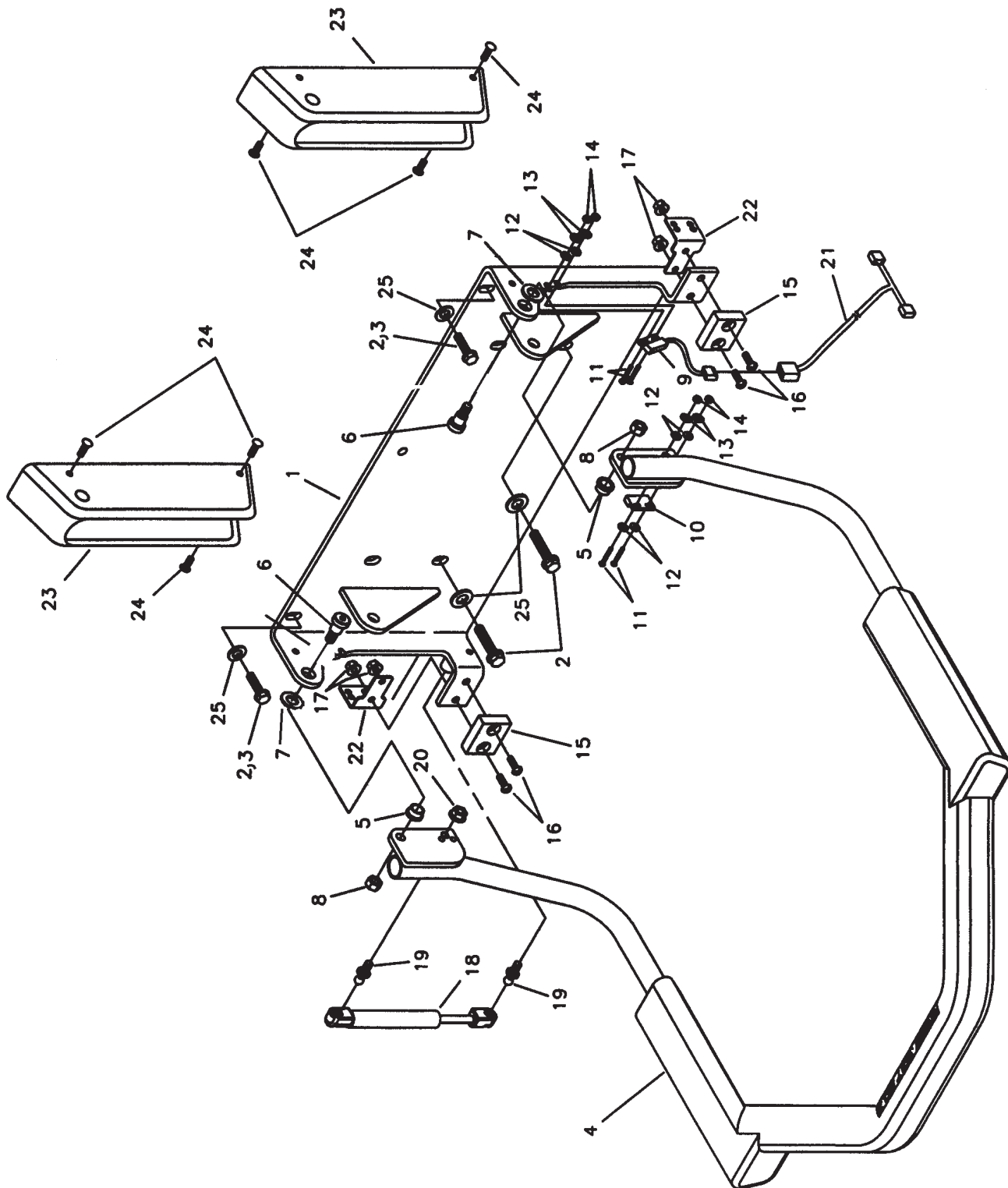
Ref. No.	Part No.	Description	Quantity 2044/2054
	190-32663	ROPS/FOPS (INCLUDES ITEMS 2-26)	1
2	220-32583	PIN/LIFTARM LOCK	2
3	420-34470	KNOB	2
4	380-32358	SPRING	2
5	030-31911	SCREW/SHOULDER 3/8-16NC X 5-7/16	2
6	420-34597	COVER/KNOB	2
7	420-34792	GASKET/TOP WINDOW	1
8	420-34791	WINDOW/TOP	1
9	390-32717	CLIP/WINDOW	2
10	651312	SCREW/MACHINE CROSS RECESS HEAD #10-24NC X 1/2	8
11	210-32030	NUT/HEX WHIZLOCK #10-24NC	8
12	420-36275	FOAM/LEFT	1
13	420-36272	FOAM/REAR LOWER	1
14	420-36274	FOAM PAD/ROOF	1
15	420-36273	FOAM/REAR UPPER	1
16	420-36276	FOAM/RIGHT/REAR	1
17	420-36277	FOAM/RIGHT/FRONT	1
19	330-33417	COVER/SCREEN RIGHT	1
20	330-33418	COVER/SCREEN LEFT	1
21	650943	SCREW/MACHINE TRUSS HEAD 1/4-20NC X 1/2	15
22	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	10
23	420-35833	LIGHT/HEAD	3
24	122488	BULB	3
26	REF	ROPS/FOPS	1
27	210-19532	NUT/FLANGED CENTERLOCK 1/2-13NC	2
28	064543	MOUNT/RUBBER	4
29	400-30803	WASHER/SPECIAL	2
30	650502	SCREW/CAP 1/2-13NC X 2-1/4	2
31	650572	SCREW/CAP 5/8-11NC X 2-3/4	2
32	210-20571	NUT/HEX WHIZLOCK 5/8-11NC	4
33	390-32718	PLATE/CLAMP	2
34	071706	NUT/HEX CENTERLOCK 1/2-13NC	2
35	330-33610	HANDLES/GRAB	1
36	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	6
37	070856	NUT/HEX WHIZLOCK 3/8-16NC	2
38	650767	SCREW/CAP 1/2-13NC X 3/4	4
39	420-34482	LOCKING STRIP/SEAL	1
40	420-34483	TAB	1
41	420-34481	SEAL/WINDOW	1
42	420-34473	WINDOW/REAR	1
43	650850	SCREW/CAP 1/2-13NC X 2-3/4	2
44	330-33817	POST COVER/ROPS LEFT	1
45	330-33818	POST COVER/ROPS RIGHT	1



SEAT, SEAT MOUNTING AND RESTRAINT BAR

Ref. No.	Part No.	Description	Quantity Seat / Mounting
1	420-35450	SEAT/OPERATOR STANDARD	1
	420-35742	SEAT/SUSPENSION WITH RAILS AND SLIDE/T-BAR	1
	189834	BRACKET/SEAT STOP (2044 MODELS ONLY)	1
	420-36082	SEAT/SUSPENSION WITH RAILS AND SLIDE/DUAL LEVER	1
	189834	BRACKET/SEAT STOP (2044 MODELS ONLY)	1
	420-36304	KNOB/SEAT ADJUSTER	1
2	420-35556	SWITCH/SEAT LOCKOUT/STANDARD	1
	420-36002	SWITCH/SEAT LOCKOUT/SUSPENSION	1
3	420-35560	WIRE/SWITCH TO HARNESS/STANDARD	1
	420-36001	WIRE/SWITCH TO HARNESS/SUSPENSION	1
4	420-35720	SEAT RAIL/SLAVE	1
5	420-35719	ADJUSTER/SEAT RAIL	1
6	650486	SCREW/CAP 5/16-18NC X 3/4	4
7	654006	WASHER/FLAT 3/8	4
8	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	5
9	120-32911	PLATE/SEAT	1
10	240-32103	ARM/SWING RIGHT	1
11	240-32104	ARM/SWING LEFT	1
12	160-32843	PLATE/BACKER	2
13	650860	BOLT/CARRIAGE 3/8-16NC X 1-3/4	4
14	210-19533	NUT/HEX FLANGED CENTERLOCK 3/8-16NC	4
15	420-35835	SEAL/BULB	1
16	090-32469	RELEASE HANDLE/SEAT	1
17	030-31941	BOLT/SHOULDER 3/8 X 5/8 LONG 5/16-18NC	2
18	045-21503	BUSHING/SPACER	2
19	030-31942	BOLT/SHOULDER 3/8 X 1-1/4 LONG 5/16-18NC	1
20	650577	SCREW/CAP 5/16-18NC X 1-1/2	1
21	380-32407	SPRING	1
22	650487	SCREW/CAP 5/16-18NC X 1	2
23	653034	NUT/HEX JAM 5/16-18NC	2
24	096511	SPACER	1
25	650488	SCREW/CAP 3/8-16NC X 3/4	4
26	170-34592	GAS SPRING/NON-LOCKING	1
27	170-34543	GAS SPRING/LOCKING	1
28	200-32650	STUD/BALL	4
29	071701	NUT/HEX CENTERLOCK 5/16-18NC	4
30	040-33603	BRACKET/MOUNT	2
31	070856	NUT/HEX CENTERLOCK 3/8-16NC	4
32	030-31961	BOLT/SHOULD 1/2 X 1-1/4 LONG 3/8-16NC	2
33	071703	NUT/HEX CENTERLOCK 3/8-16NC	2
34	040-33640	BRACKET/SEAT PIVOT/T-BAR	1
35	076588	SCREW/CAP 3/8-16NC X 3/4	4
36	420-35546	BELT/SEAT	1
37	081371	NUT/HEX CENTERLOCK 7/16-20NF	4
38	490-33292	KIT/ARMREST/STANDARD	1
	420-35921	ARMREST/STANDARD	1
39	650485	SCREW/CAP 5/16-18NC X 5/8 (INCLUDED IN ITEM #38)	4
40	654046	WASHER/FLAT 7/16	4
41	650630	SCREW/CAP 7/16-20NF X 1	4
42	040-33602	BRACKET/SEAT BELT/STANDARD	1
43	192194	HOLDER/MANUAL	1
44	050-29352	TETHER	1
45	210-32147	NUT/SPECIAL 1/4-20NC X 5/8	2
46	650748	BOLT/CARRIAGE 1/4-20NC X 5/8	2
47	210-32133	NUT/SINGLE THREAD 1/4-20NC	2
48	654002	WASHER/FLAT 1/4	4
49	420-36375	KIT/ARM REST ASSEMBLY - SUSPENSION SEATS ONLY	1

Restraint Bar

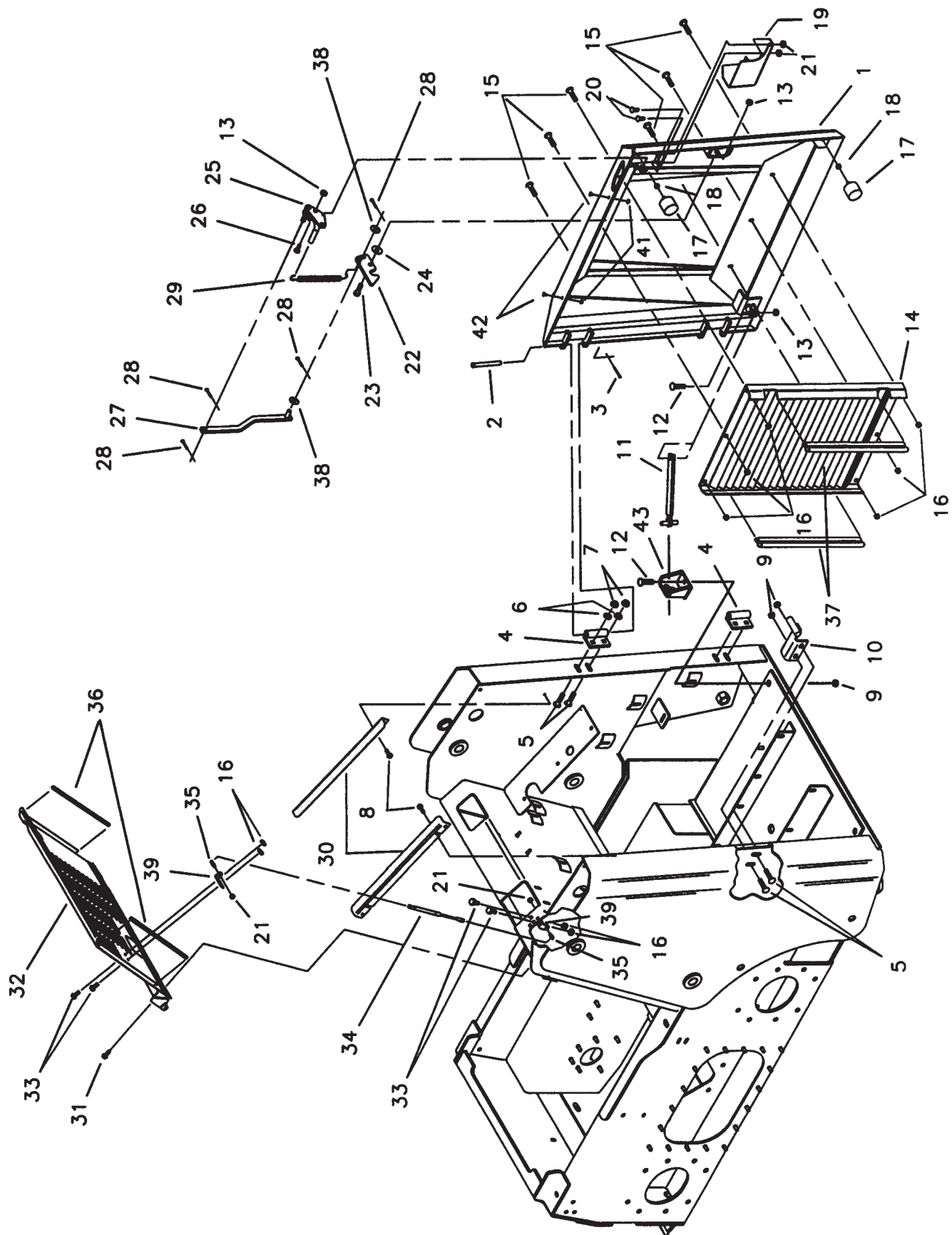


SEAT, SEAT MOUNTING AND RESTRAINT BAR

Ref. No.	Part No.	Description	Quantity Restraint Bar
1	040-33789	SEAT MOUNT/RESTRAINT BAR	1
2	076588B	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	4
	076588A	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	2
3	081380A	SCREW/CAP WHIZLOCK 5/16-18NC X 3/4	2
4	192647	BAR/RESTRAINT WITH PAD	1
5	045-31500	BUSHING/OILITE/FLANGED	2
6	030-31926	BOLT/SHOULDER 3/8 - 16NC X 1/2	2
7	400-32526	WASHER/SPECIAL	2
8	071703	NUT/HEX CENTERLOCK 3/8-16NC	2
9	193156	SWITCH/ROPS SIDE	1
10	193157	SWITCH/RESTRAINT BAR/MAGNET	1
11	650327	SCREW/MACHINE ROUND HEAD #6-32NC X 3/4	4
12	650848	WASHER/FLAT #6	6
13	654004	WASHER/LOCK #6	4
14	650658	NUT/HEX #6-32NC	4
15	360-32655	STOP/RESTRAINT BAR	2
16	310-12050	SCREW/MACHINE TRUSS HEAD 1/4-20NC X 1	4
17	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	4
18	170-35071	GAS SPRING/RESTRAINT BAR	1
19	200-32650	STUD/BALL	2
20	210-19470	NUT/HEX WHIZLOCK 5/16 - 18NC	1
21	420-36119	WIRE HARNESS/RESTRAINT BAR	1
22	040-33788	COVER BRACKET/RESTRAINT BAR	2
23	330-33760	COVER/RESTRAINT BAR HINGE	2
24	420-36132	CLIP	6
25	654006B	WASHER/FLAT 3/8	4
	654004A	WASHER/FLAT 5/16	4

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP



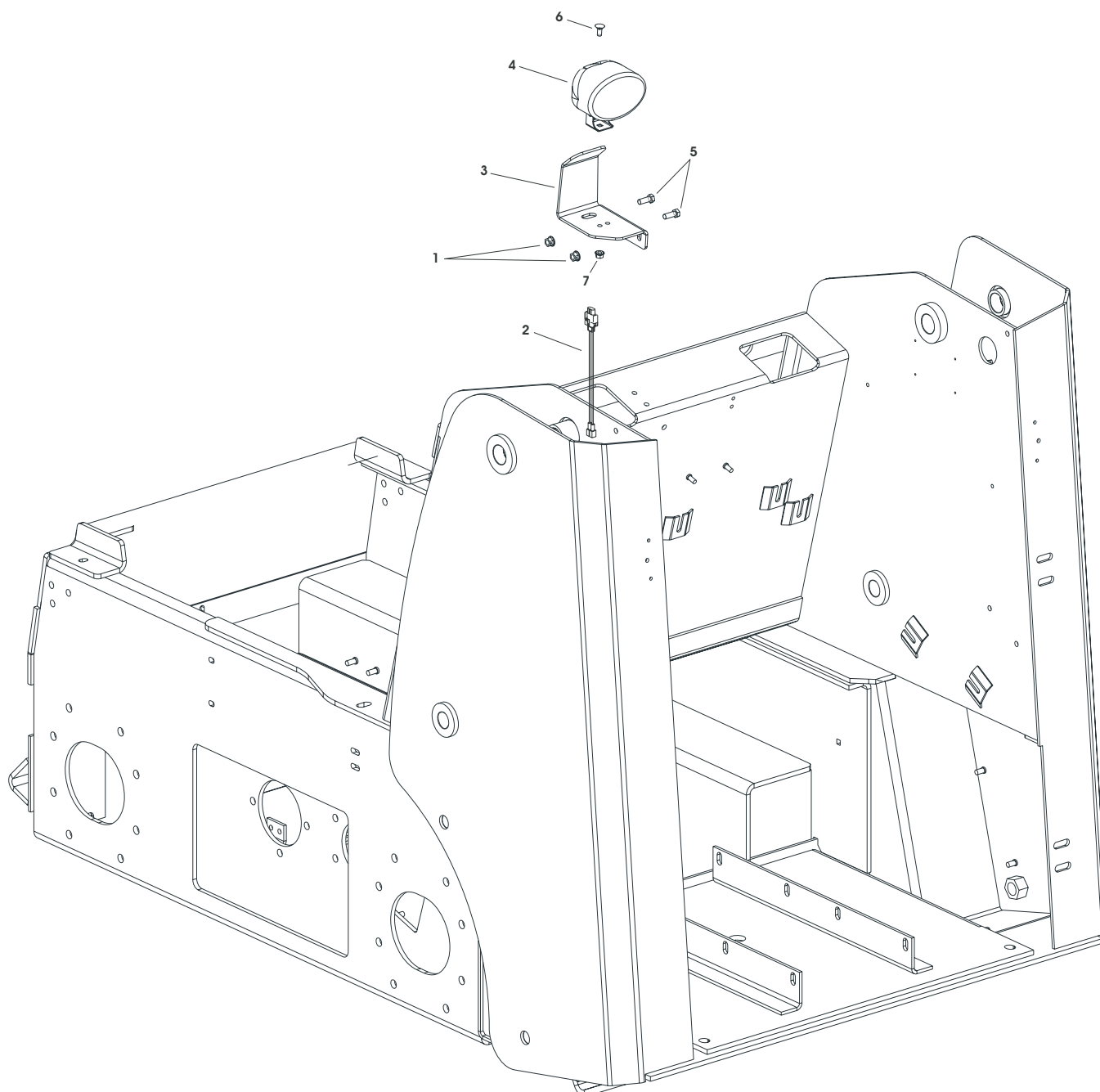
REAR DOOR AND ENGINE COVER

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	330-33721	DOOR/REAR	1	1
2	220-32536	PIN/CLEVIS 1/2 X 4-1/2	2	2
3	220-20554	PIN/COTTER 5/32 X 1	2	2
4	040-33643	HINGE/REAR DOOR	2	2
5	650527	BOLT/CARRIAGE 1/2-13NC X 1-1/4	6	6
6	654030	WASHER/LOCK 1/2	4	4
7	653018	NUT/HEX FLANGED 1/2-13NC	4	4
8	650510	SCREW/CAP SELF-TAPPING 5/16-18NC X 1/2	4	4
9	210-19530	NUT/HEX FLANGED 1/2-13NC	2	2
10	090-32481	PIN/LATCH	1	1
11	290-32564	BAR/LOCK	1	1
12	650834	BOLT/CARRIAGE 1/2-13NC X 1-1/2	1	2
13	071706	NUT/HEX CENTERLOCK 1/2-13NC	3	3
14	330-33706B	GRILLE	1	1
	330-33666A	GRILLE	1	-
15	650704	BOLT/CARRIAGE 3/8-16NC X 1	6	6
16	070856	NUT/HEX WHIZLOCK 3/8-16NC	10	10
17	420-13731	BUMPER/RUBBER	2	2
18	653038	NUT/HEX JAM 3/8-16NC	2	2
19	330-33671	GUARD/HAND	1	1
20	650687	BOLT/CARRIAGE 5/16-18NC X 3/4	2	2
21	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	4	4
22	420-35685	LATCH/REAR DOOR	1	1
23	650453	SCREW/CAP 1/2-13NC X 1-1/2	1	1
24	654046	WASHER/FLAT 7/16	AR	AR
25	090-32461	HANDLE	1	1
26	650740	BOLT/CARRIAGE 1/2-13NC X 2-1/4	1	1
27	240-32101	RELEASE/LATCH ARM	1	1
28	220-20554	PIN/COTTER 5/32 X 1	4	4
29	380-32406	SPRING/LATCH	1	1
30	040-33644	BRACKET/DOOR SUPPORT	2	2
31	650985	SCREW/CAP SELF-TAPPING 5/16-18NC X 3/4	4	4
32	330-33732	DOOR/TOP	1	-
	330-33733	DOOR/TOP	-	1
33	650488	SCREW/CAP 3/8-16NC X 3/4	4	4
34	170-34978	SHOCK/GAS SPRING	1	1
35	200-32650	STUD/BALL	2	2
36	420-35687	EDGING/TOP DOOR	2	2
37	420-35716	TRIM/RADIATOR SEAL	2	2
38	654006	WASHER/FLAT 3/8	2	2
39	040-33603	BRACKET/SHOCK MOUNT	2	2
41	420-36027	BUMPER/RUBBER	2	2
42	983-01933	SCREW/MACHINE #8-32 X 3/8	2	2
43	040-33616	LOCK/GUIDE	-	1

A) 2044: SN P3141 AND BEFORE

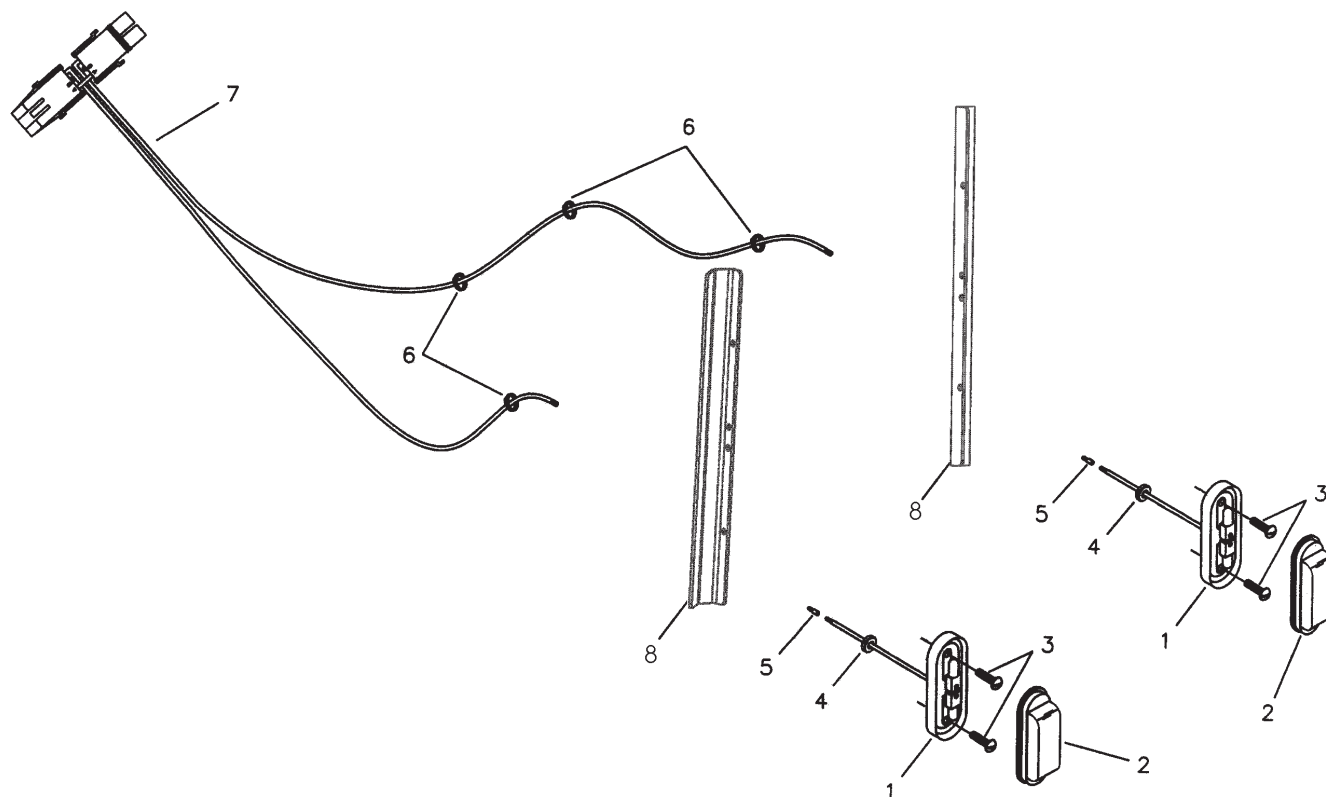
B) 2044: SN P3142 AND UP

Rear Work Light
2044: SN P4301 and Up
2054: SN V6801 and Up



Ref. No.	Part No.	Description	Quantity 2044/2054
1	070856	NUT/LOCK SERRATED 3/8	2
2	175119	PLUG/LIGHT	1
3	175122	BRACKET/LIGHT	1
4	420-36292A	HEADLIGHT	1
5	650490	SCREW/CAP 3/8 X 1	2
6	650687	BOLT/CARRIAGE 5/16 X 3/4	1
7	653007	NUT/HEX 5/16	1

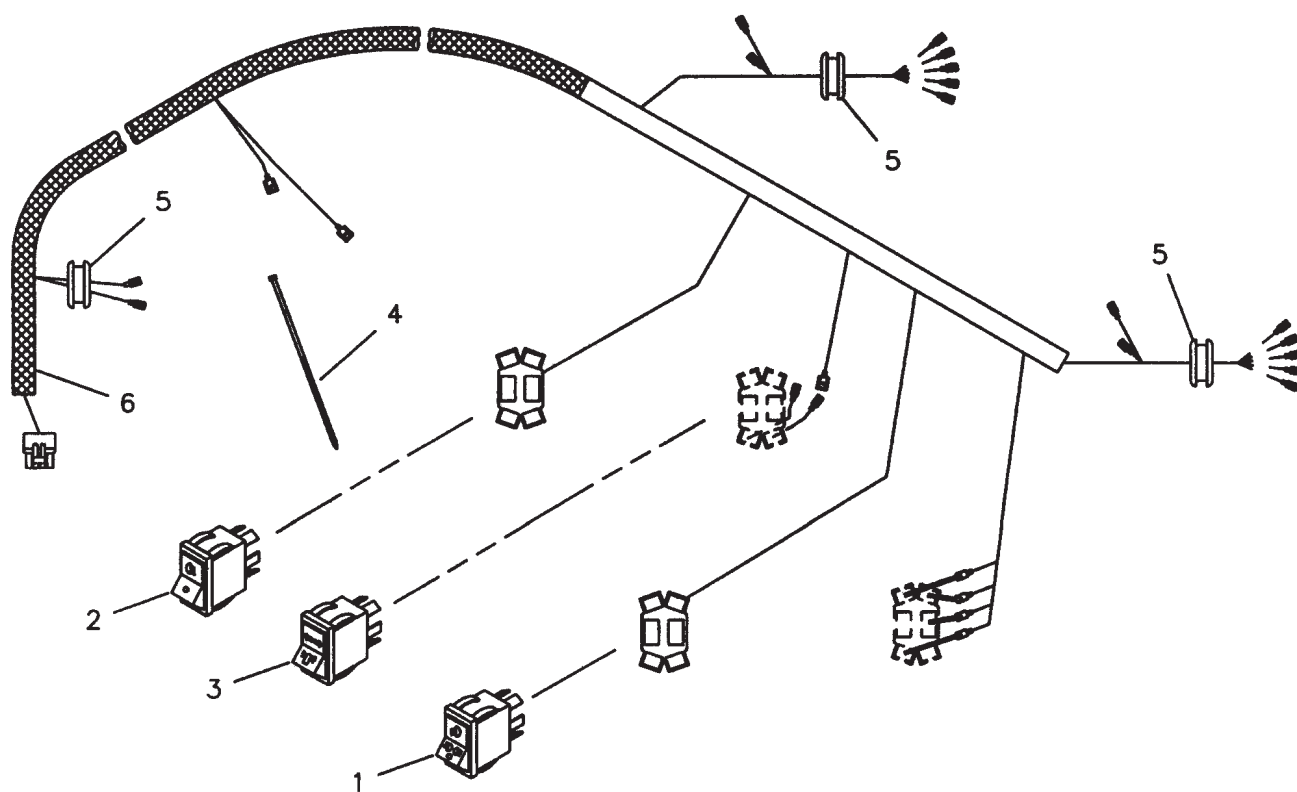
A) USE REPLACEMENT BULB PART NUMBER 420-35559 OR EQUIVALENT GE862 - 12 V.



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36322	TAILLIGHT (INCLUDES ITEM 2)	2
2	420-36330	LENS ONLY (BULB REPLACEMENT IS A #194 WEDGE BASE)	AR
3	650815	SCREW/MACHINE ROUND HEAD #10-24NC X 3/4	4
4	420-36323	GROMMET	2
5	420-35257A	CONNECTOR/BULLET FEMALE	2
6	055648	TIE/CABLE	AR
7	420-36324	HARNESS/WIRE	1
8	191355	BRACKET/HOSE PROTECTION	2
	651648	SCREW/CAP TAP/R 5/16 X 3/4	4

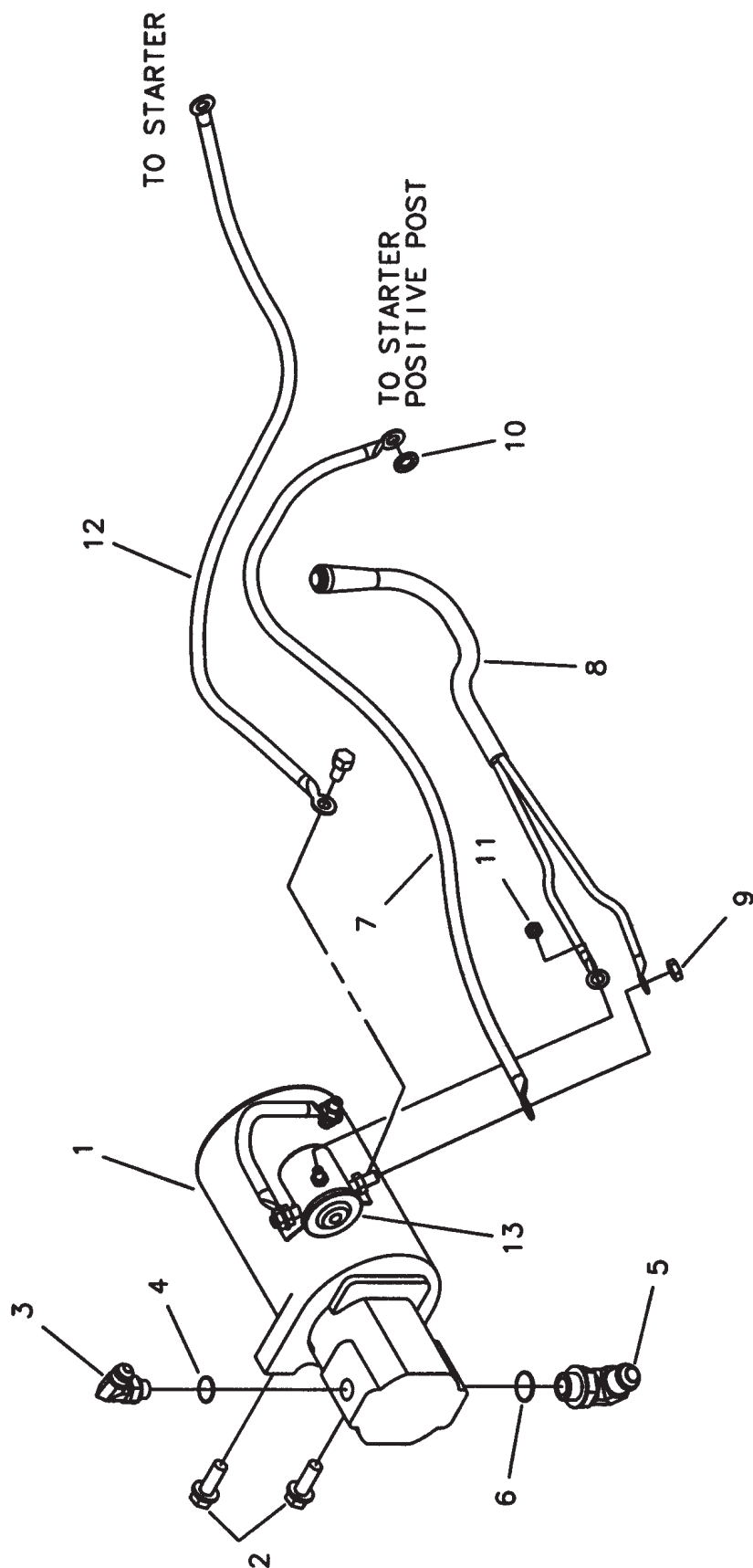
A) REF. #5 FEMALE BULLET CONNECTORS ARE SUPPLIED WITH THE WIRE HARNESS, REF #7.

Road Homologation (IMER) - Brake Switches - Models 2044 and 2054



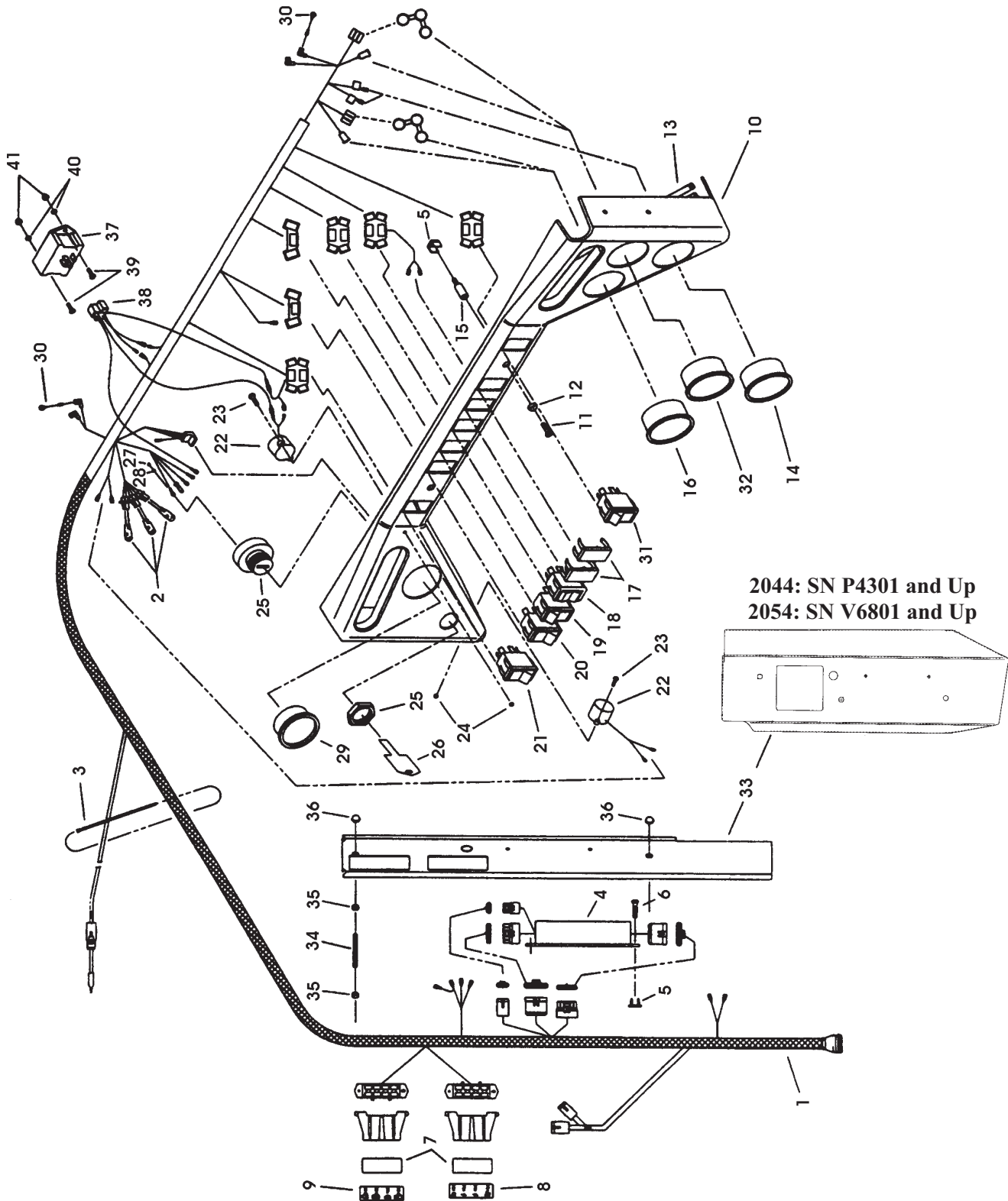
Ref. No.	Part No.	Description	Quantity 2044/2054
1	090-32497	SWITCH/LIGHTS	1
2	090-32443	SWITCH/LIGHTS/REAR	1
3	090-32499	SWITCH/WARNING AND DIRECTION INDICATOR	1
4	055648	TIE/CABLE	AR
5	420-32422	GROMMET	3
6	420-36006	HARNESS/WIRE	1

Road Homologation (IMER) - DC Motor - 2044 Models



Ref. No.	Part No.	Description	Quantity 2044
1	250-32608	PUMP/GC AND MOTOR//DC	1
2	076589	SCREW/CAP WHIZLOCK 3/8-16NC X 1	2
3	068938	FITTING/90° ELBOW 9/16 SAE X 9/16 JIC	1
4	055897	O-RING	1
5	054816	FITTING/90° ELBOW 3/4 SAE X 3/4 JIC	1
6	350-32423	O-RING	1
7	420-36096	CABLE/POSITIVE (+)	1
8	420-36094A	HARNESS/WIRE AND SWITCH	1
9	210-32132	NUT/HEX JAM 5/16-24NF	1
10	400-10295	WASHER/STAR 5/16	1
11	650648	NUT/HEX #10-32NF	1
12	420-36095	CABLE/GROUND (-)	1
13	420-36364	SOLENOID	1

A) USES 10 A BUSSMAN AGC FUSE - 1-1/4" LONG.



ELECTRICAL - INSTRUMENT PANEL

Ref. No.	Part No.	Description	Quantity 2044/2054
1	184919B	WIRE HARNESS/ROPS	1
	420-35800A	WIRE HARNESS/ROPS	1
2	420-35855	DIODE	3
3	055648	TIE/CABLE	AR
4	420-35604	MODULE/CONTROL	1
5	210-32121	INSERT/PLASTIC	11
6	310-32624	SCREW/MACHINE SELF-TAPPING #10-24NC X 5/8	4
7	330-33677	COVER/FUSE BLOCK	2
8	420-35819	DECAL/FUSE BLOCK	1
9	420-35820	DECAL/FUSE BLOCK	1
10	174972D	PANEL/INSTRUMENT	1
	330-33649C	PANEL/INSTRUMENT	1
11	310-32505	SCREW/MACHINE SELF-TAPPING #10-24NC X 1/2	9
12	400-32436	WASHER/FINISHING	9
13	420-35592	TRIM/EDGE	1
14	090-32448	GAUGE/HOURMETER	1
15	200-32654	OFF/STAND	2
16	090-32447E	GAUGE/FUEL	1
17	420-35550	PLUG/SWITCH/CUT-OUT	2
18	090-32441	SWITCH/GLOW PLUG	1
19	090-32435	SWITCH/LOWER BOOM	1
20	090-32446	SWITCH/INTERLOCK	1
21	090-32472	SWITCH/BRAKE	1
22	090-32478	BUZZER/SOLID STATE	2
23	310-32638	SCREW/PAN HEAD PHILLIPS #4-40 X 1/2	2
24	210-32164	NUT/HEX ACORN #4-40	2
25	090-32025	SWITCH/IGNITION (INCLUDES NUT AND 2 KEYS)	1
26	073694	KEYS (SET OF 2)	1
27	650648	NUT/HEX #10-32NF	4
28	650549	WASHER/LOCK #10	4
29	420-35818	CLUSTER/WARNING LIGHT	1
	128738	BULB/CLUSTER	AR
30	420-35837	WIRE/GROUND (INCLUDED IN ITEM 1)	2
31	090-32443	SWITCH/LIGHT	1
32	090-32449	GAUGE/TEMPERATURE HYDRAULICS	1
33	174979D	COVER/PANEL	1
	330-33668C	PANEL COVER/ELECTRICAL	1
34	290-32563	ROD/THREADED	2
35	071700	NUT/HEX CENTERLOCK 1/4-20NC	4
36	210-32131	NUT/HEX ACORN 1/4-20NC	2
37	174983D	TIMER WITH DELAY	1
	420-35877C	TIMER WITH DELAY	1
38	420-35878	HARNESS/DELAY TIMER	1
39	650815	SCREW/MACHINE ROUND HEAD #10-24NC X 3/4	2
40	650549	WASHER/LOCK #10	2
41	650550	NUT/HEX #10-24NC	2
	420-35250	FUSE/10 A	AR
	420-35578	FUSE/15 A	AR

A) 2044: SN P3141 AND BEFORE. 2054: SN Q5402 AND BEFORE

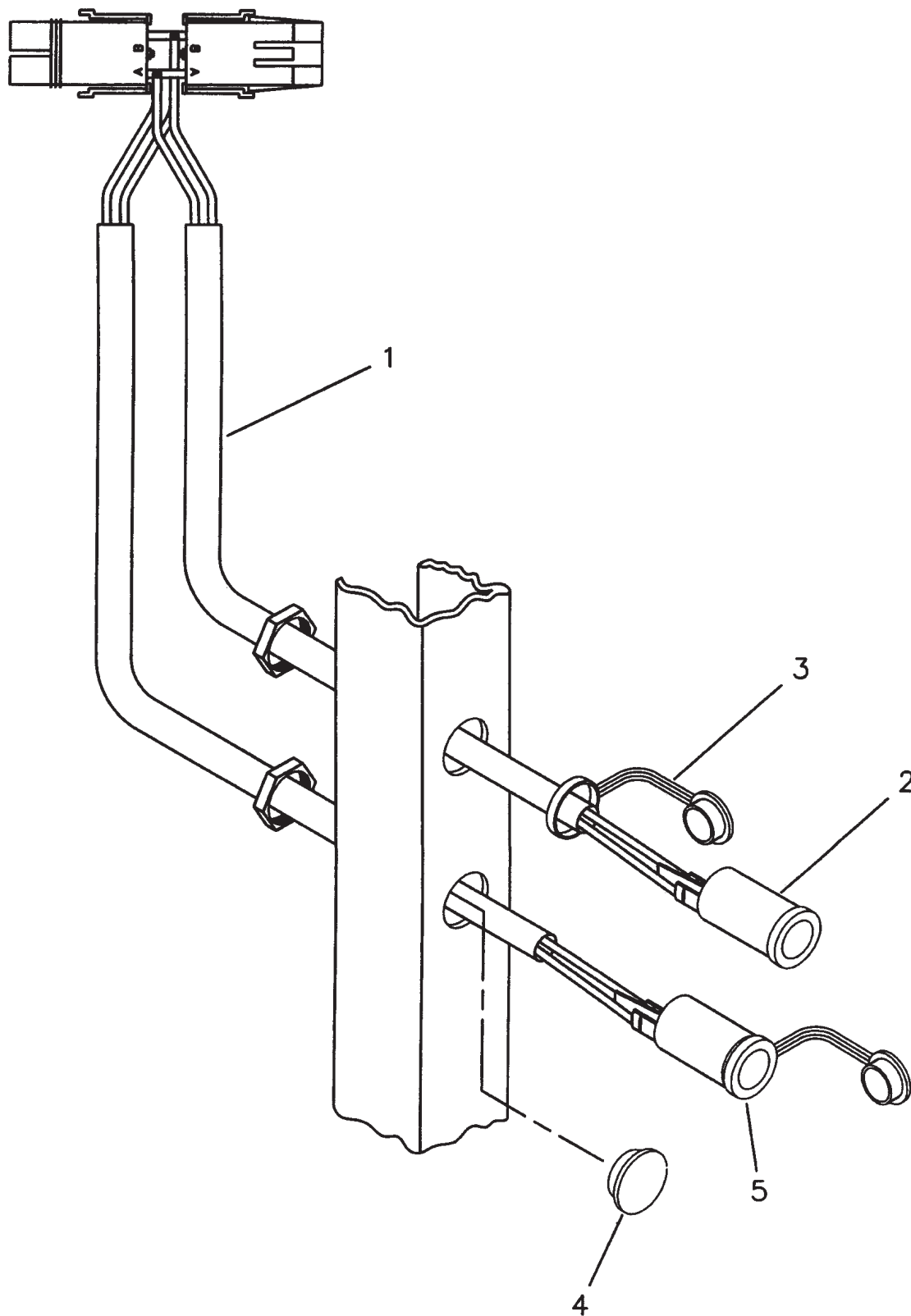
B) 2044: SN P3142 AND UP. 2054: SN Q5403 AND UP

C) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

D) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

E) REPLACEMENT BULB IS GE 53 OR EQUIVALENT.

Accessory Hookup



ELECTRICAL - INSTRUMENT PANEL

Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36164	HARNESS/WIRE	1
2	137602	CONNECTOR/12 V POWER PORT/STANDARD	1
3	137603	COVER	1
4	420-34148	PLUG	1
5	129310	SOCKET/ELECTRICAL OPTIONAL	1

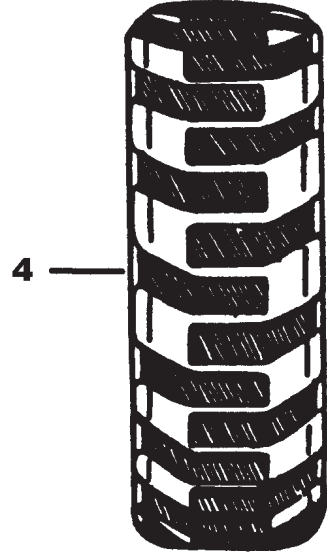
Specify left or right side mounting on tire and wheel sets when ordering.



1



3



4

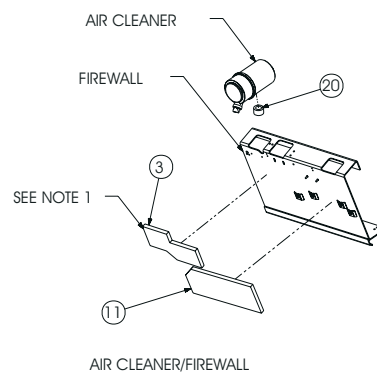
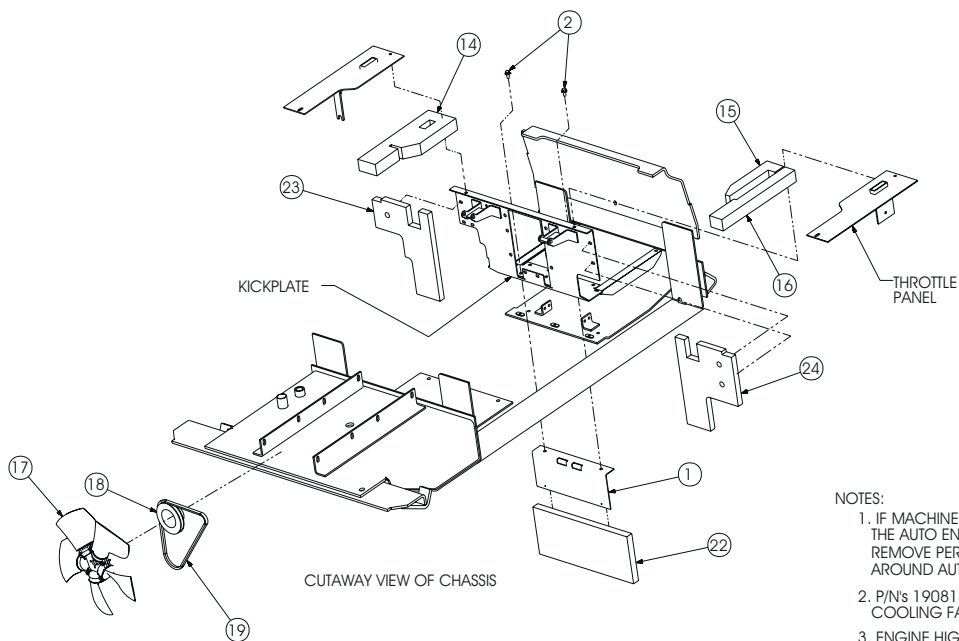
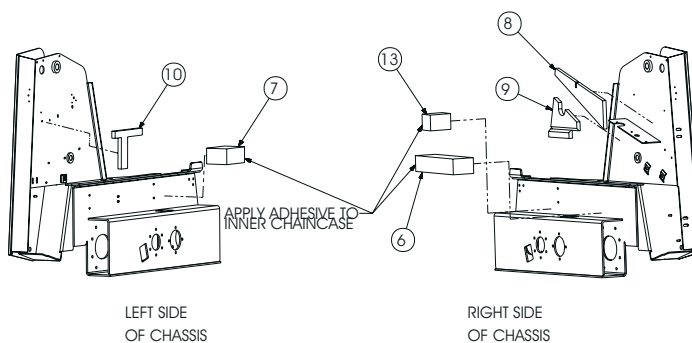
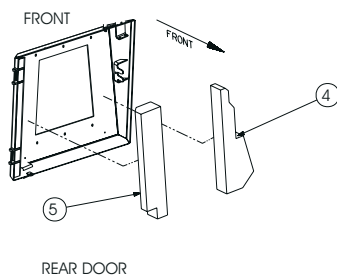
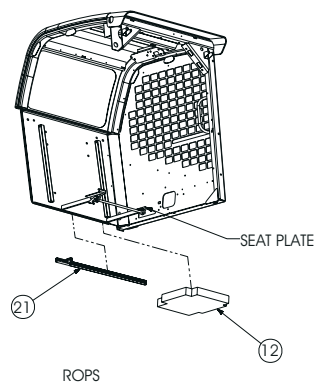
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	410-33444	TIRE AND WHEEL / 6.5 X 16.5 / SOLID RUBBER	1	1
	REF A	TIRE/SOLID RUBBER / 650 X 16.5	1	1
3	490-33456	ASSY/WHEEL 31 X 15.50-16.5	-	1
	192893	WHEEL 16.5 X 12	-	1
	410-32448	TIRE/SUPER UGL 31 X 15.5	-	1
	191020	STEM/VALVE	-	1
4	490-33417	TIRE AND RIM/FLOTATION 10 X 16.5 8-PLY	1	1
	REF A	TIRE/HEAVY DUTY 10 X 16.5 8-PLY	1	1
	183759	WHEEL 16.5 X 8.25	1	1
	191020	STEM/VALVE	1	1
4	490-33418	TIRE AND RIM/HEAVY DUTY / 10 X 16.5 8-PLY HD / RIM	1	1
	REF A	TIRE/HEAVY DUTY 10 X 16.5 8-PLY	1	1
	410-32440	WHEEL/HEAVY DUTY 16.5 X 8.25	1	1
	191020	STEM/VALVE	1	1
4	490-33460	TIRE AND RIM / 10 X 16.5 6-PLY / STANDARD	1	-
	REF A	TIRE / 10 X 16.5 6-PLY / TUBELESS	1	-
	183759	WHEEL 16.5 X 8.25	1	-
	191020	STEM/VALVE	1	-
4	810703	ASSY/WHEEL 10 X 16.5 HEAVY RIM	1	1
	REF A	TIRE/HEAVY DUTY 10 X 16.5 8-PLY	1	1
	190476	WHEEL/16.5 X 8.25 HEAVY DUTY	1	1
	191020	STEM/VALVE	1	1
4	810761	ASSY/WHEEL SEVERE DUTY 10 X 16.5 HEAVY RIM	1	1
	REF A	TIRE/SEVERE DUTY 10 X 16.5	1	1
	190476	WHEEL/16.5 X 8.25 HEAVY DUTY	1	1
	191020	STEM/VALVE	1	1
4	810911	ASSY/WHEEL 31 X 15.50-15	1	1
	REF A	TIRE/HEAVY DUTY 31 X 15.50-15 8-PLY	1	1
	183762	WHEEL 15 X 13	1	1
	191020	STEM/VALVE	1	1
4	810869	ASSY/WHEEL SOLID FLEX 10 X 16.5 LEFT	1	1
	810870	ASSY/WHEEL SOLD FLEX 10 X 16.5 RIGHT	1	1

A) PURCHASE EQUIVALENT-QUALITY TIRES FOR YOUR SKID-STEER LOADER. CONTACT YOUR DEALER FOR REPLACEMENT TIRE INFORMATION.

EU Completing

2044: SN P4301 and Up

2054: SN V6801 and Up

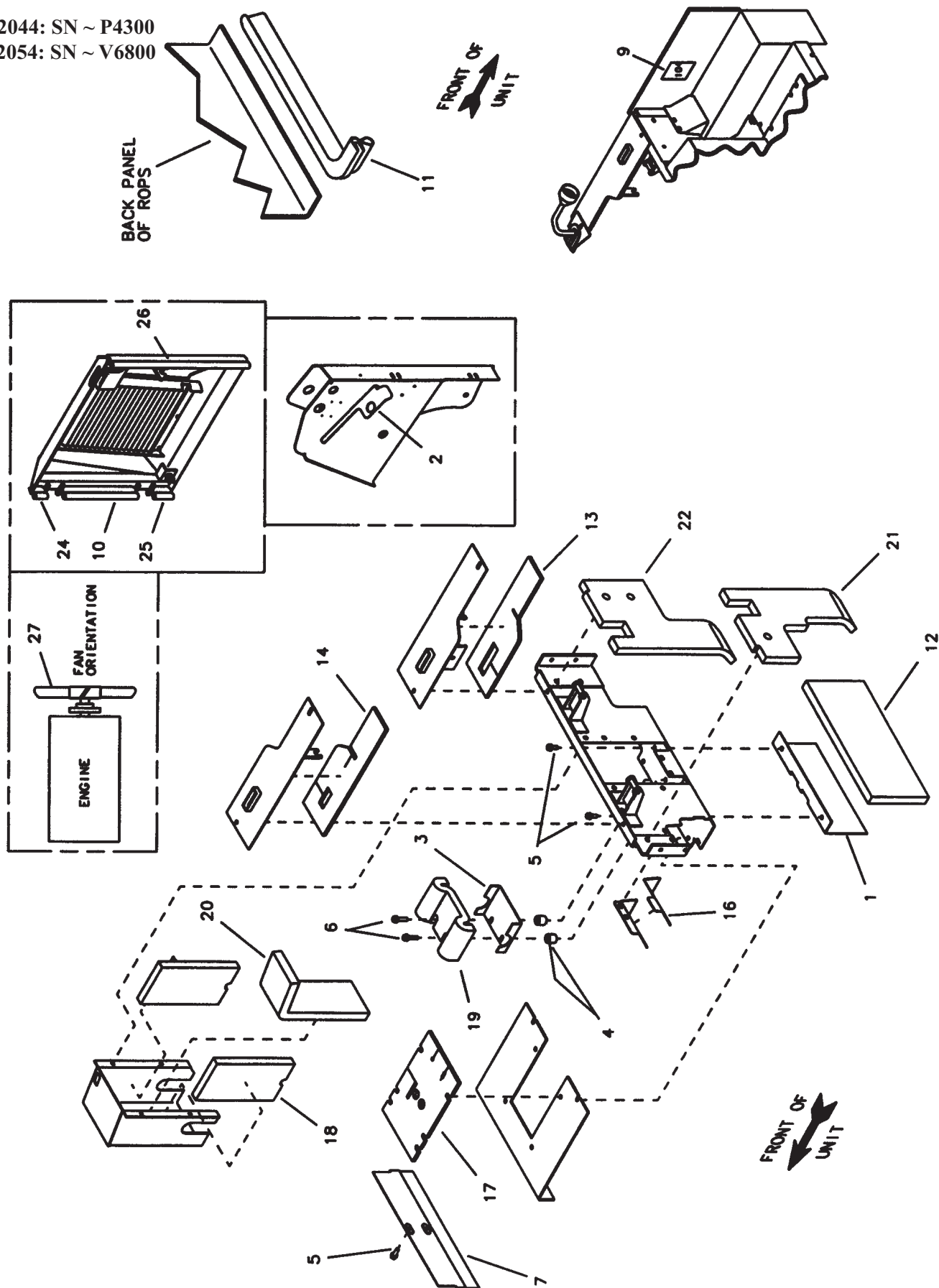


NOTES:

1. IF MACHINE IS EQUIPPED WITH THE AUTO ENGINE SHUTDOWN FEATURE, REMOVE PERFORATED SECTION OF PAD AND INSTALL AROUND AUTO SHUTDOWN MODULE INSTALLATION.
2. P/N's 190813, 190814, & 190852 REPLACE EXISTING COOLING FAN AND FAN PULLEY (USE EXISTING HARDWARE)
3. ENGINE HIGH IDLE SET AT: 2750-2800 RPM

Ref. No.	Part No.	Description	Quantity 2044/2054 EU
1	040-33655	WELDMENT/HYDRO BARRIER SUPPORT	1
2	076588	SCREW/CAP WHIZLOCK 3/8 X 3/4	2
3	190259	PAD/SOUND FIREWALL	1
4	190260	PAD/SOUND REAR DOOR LEFT	1
5	190262	PAD/SOUND REAR DOOR RIGHT	1
6	190263	PAD/SOUND CHAINCASE RIGHT	1
7	190264	PAD/SOUND CHAINCASE LEFT	1
8	190271	PAD/SOUND ENGINE RIGHT UPPER	1
9	190274	PAD/SOUND ENGINE RIGHT LOWER	1
10	190276	PAD/SOUND ENGINE COMPARTMENT LEFT	1
11	190278	PAD/SOUND FIREWALL RIGHT LOWER	1
12	190715	PAD/SOUND UNDER SEAT	1
13	190716	PAD/SOUND CHAINCASE FRONT RIGHT	1
14	190717	PAD/SOUND SEAT LEFT	1
15	190718	PAD/SOUND SEAT RIGHT INNER	1
16	190719	PAD/SOUND SEAT RIGHT OUTER	1
17	190813	FAN/COOLING 17" 5-BLADE	1
18	190814	PULLEY/V-GROOVED 130 MM	1
19	190852	V-BELT 39"	1
20	191404	PAD/FOAM DONUT	1
21	420-35859	SEAL/BULB	1
22	420-35943	FOAM/TUNNEL	1
23	420-36049	FOAM/KICKPLATE LEFT	1
24	420-36050	FOAM/KICKPLATE RIGHT	1

2044: SN ~ P4300
2054: SN ~ V6800



Ref. No.	Part No.	Description	Quantity 2044/2054
1	040-33655	SUPPORT/HYDRO BARRIER	1
2	040-33686	BRACKET/RIGHT TOP DOOR SUPPORT	1
3	040-33720	BRACKET/FOAM MOUNT	1
4	045-21738	BUSHING	2
5	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	3
6	064422	SCREW/CAP WHIZLOCK 3/8-16NC X 1-1/2	2
7	330-33673	COVER/FRONT	1
9	138754	DECAL/SOUND LEVEL	1
10	420-35813	SEAL/BULB	1
11	420-35859	SEAL/BULB	1
12	420-35943	FOAM/TUNNEL	1
13	420-35947	FOAM/THROTTLE PANEL	1
14	420-35948	FOAM/AUXILIARY PANEL	1
16	420-35970	FOAM/BRAKE ACCESS COVER	1
17	420-35981	FOAM/LINKAGE COVER	1
18	420-36043	FOAM/CONTROL BOX SIDE	2
19	420-36044	FOAM/CONTROL BOX BOTTOM	1
20	420-36045	FOAM/CONTROL BOX FRONT	1
21	420-36049	FOAM/KICKPLATE LEFT	1
22	420-36050	FOAM/KICKPLATE RIGHT	1
24	420-36052	SEAL/BULB	1
25	420-36053	SEAL/BULB	1
26	420-36055	SEAL/BULB	1
27	184885B	FAN/COOLING	1
	420-36332A	FAN/COOLING (2054 ONLY)	1

A) 2054: SN Q5402 AND BEFORE

B) 2044: SN P3142 AND UP. 2054: SN Q5403 AND UP

SECTION NOTES

GENERAL INFORMATION**CAUTION**

ALWAYS follow safety precautions on decals. Replace decals if they become damaged or if the unit is repainted. If repainting, **BE SURE** that all applicable decals are affixed in their proper locations.

Decal location information assists in the selection and application of new decals, in the event the original decals become damaged or the machine is repainted.

For decal replacement, compare the location photographs to your machine **BEFORE** starting to

refinish. Check off each required decal using the illustrated reference number. Find the part number, description and quantity. Refer to the illustration for replacement locations. Refer to the Safety chapter of the Operator's Manual for information on the safety decals.

NEW DECAL APPLICATION

Surfaces **MUST** be free of dirt, dust, grease and foreign material before applying the decal. Remove smaller portion of decal backing paper and apply the exposed adhesive to the clean surface, maintaining proper position and alignment. Peel off remaining backing paper and apply hand pressure to smooth out the decal surface.

DECAL KITS

Decal repaint kits may be ordered using the following part numbers:

2044: SN P4301 and Up. 2054: SN V6801 and Up

175143	2044 Decal Kit
175144	2054 Decal Kit

2044: SN P4300 and Before. 2054: SN V6800 and Before

420-36357	Model 2044 Decal Kit
420-36358	Model 2054 Decal Kit

Non-specific language decal repaint kit (no text, symbols only) may be ordered using the following part number:

183741	Model 2044 International Decal Kit
183899	Model 2054 International Decal Kit

Specific decal parts numbers for the model, control option and the Mustang logo must be ordered separately.

PAINT FINISH

Use list below to order paint:

167763	One Gallon Mustang Yellow
184770	One Quart Mustang Yellow
167765	6-Pack Spray Cans Mustang Yellow

167753	6-Pack Spray Cans Gun Metal Gray
167751	One Gallon Gun Metal Gray

Above part numbers represent current formulation of paint. For machines produced before the year 2004, use the paint numbers listed below:

420-35498	One Gallon Yellow
420-36230	One Gallon Gray
420-35479	6-Pack Spray Cans Yellow #1
420-36117	1 (16 oz. Spray Can) Gray
420-35480	One Quart Yellow
420-36229	One Quart Gray

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054	Quantity EU
1	420-35750	DECAL/AUXILIARY DUAL LEVER	1	1	1
2	420-35664	DECAL/AUXILIARY LEVER	1	1	1
3	420-35683	DECAL/STEERING CONTROLS/T-BAR	1	1	1
4	420-35691	DECAL/STEERING CONTROLS/T-BAR	1	1	1
5	420-35619	DECAL/THROTTLE	1	1	1
6	137628B	DECAL/WARNING MANUAL	1	1	-
	137842	DECAL/WARNING MANUAL	-	-	1
	420-35420A	DECAL/OPERATOR'S HANDBOOK	1	1	-
7	420-35612	DECAL/ELECTRICAL HOOKUP VALVE	1	1	1
8	420-36306A	DECAL/LOAD CAPACITY	1	-	-
	420-36307A	DECAL/LOAD CAPACITY	-	1	-
9	420-35629	DECAL/FOOT PEDAL CONTROL/LIFT	1	1	1
10	420-35630	DECAL/FOOT PEDAL CONTROL/TILT	1	1	1
11	137647B	DECAL/DANGER/WARNING	1	1	-
	183719	DECAL/DANGER/WARNING	-	-	1
	420-35635A	DECAL/WARNING INSTRUCTIONS	1	1	-
12	420-35632A	DECAL/DANGER LIFTARM STOPS	1	1	1
13	420-35684A	DECAL/CARRY LOAD LOW	1	1	1
14	186984B	DECAL/WARNING ATTACHMENT BRACKET	1	1	-
	183720	DECAL/WARNING ATTACHMENT BRACKET	-	-	1
	420-35752A	DECAL/LEVER CONTROL	1	1	-
15	093479A	DECAL/WARNING/CARRY LOAD LOW	1	1	1
16	420-35628A	DECAL/WARNING/LOWER LIFTARM	1	1	1
17	137658B	DECAL/DANGER HOT SURFACE	1	1	-
	137846	DECAL/DANGER HOT SURFACE	-	-	1
	420-35627A	DECAL/WARNING/HOT ENGINE	1	1	-
18	420-35966A	DECAL/DANGER	1	1	1
19	420-35624A	DECAL/WARNING/HOT LIQUID	2	2	2
20	137632	DECAL/HYDRAULIC OIL	1	1	1
21	420-36004	DECAL/HYDRAULIC OIL/CAP	1	1	1
22	420-35783	DECAL/OIL LEVEL	2	2	2
23	420-35819	DECAL/FUSE BOX A	1	1	1
24	420-35820	DECAL/FUSE BOX B	1	1	1
25	420-35633	DECAL/BOOM LOCK/LEFT	1	1	1
26	420-35634	DECAL/BOOM LOCK/RIGHT	1	1	1
27	420-35631	DECAL/STARTER SWITCH	1	1	1
28	420-36033	DECAL/AUXILIARY PORT	1	-	AR
	420-35991	DECAL/AUXILIARY PORT	-	1	AR
29	420-35626A	DECAL/WARNING/KEEP CLEAR	1	1	1
30	137655B	DECAL/DANGER NO RIDERS	1	1	-
	183718	DECAL/DANGER NO RIDERS	-	-	1
	420-35622A	DECAL/DANGER/LIFTARM STOP	1	1	1
31	137661	DECAL/TIE DOWN	5	5	5
32	420-35751	DECAL/DUAL LEVER STEERING	1	1	1
33	137545	DECAL/REFLECTOR	2	2	2
34	137634	DECAL/DIESEL FUEL	1	1	1
35	140516	DECAL/FLAG	1	1	1
36	175168B	DECAL/STRIPE UPRIGHT RIGHT (2044)	1	-	AR
	420-36318A	DECAL/STRIPE UPRIGHT RIGHT (2044)	1	-	AR
	175170B	DECAL/STRIPE UPRIGHT RIGHT (2054)	-	1	AR
	420-36320A	DECAL/STRIPE UPRIGHT RIGHT (2054)	-	1	AR
37	175169B	DECAL/STRIPE UPRIGHT LEFT (2044)	1	-	AR
	420-36319A	DECAL/STRIPE UPRIGHT LEFT (2044)	1	-	AR
	175171B	DECAL/STRIPE UPRIGHT LEFT (2054)	-	1	AR
	420-36321A	DECAL/STRIPE UPRIGHT LEFT (2054)	-	1	AR
38	420-36202	DECAL/MUSTANG SHEET	1	1	1
39	175090B	DECAL/UPRIGHT RIGHT (2044)	1	-	AR
	420-36295A	DECAL/UPRIGHT RIGHT (2044)	1	-	AR
	175092B	DECAL/UPRIGHT RIGHT (2054)	-	1	AR
	420-36297A	DECAL/UPRIGHT RIGHT (2054)	-	1	AR
40	175089B	DECAL/UPRIGHT LEFT (2044)	1	-	AR
	420-36294A	DECAL/UPRIGHT LEFT (2044)	1	-	AR
	175091B	DECAL/UPRIGHT LEFT (2054)	-	1	AR
	420-36296A	DECAL/UPRIGHT LEFT (2054)	-	1	AR
42	420-35789	DECAL/HANDS ONLY/LIFT	1	1	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE.

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054	Quantity EU
43	420-35790	DECAL/HANDS ONLY/TILT	1	1	1
44	420-35791	DECAL/HANDS ONLY/AUXILIARY	1	1	1
45	420-35625A	DECAL/WARNING/SEAT BELT	1	1	1
46	420-35757	DECAL/CIRCUIT BREAKER	1	1	1
47	420-35834	TAPE/SAFETY WALK	1	-	AR
	420-35717	TAPE/SAFETY WALK	-	1	AR
48	420-28290	TAPE/SAFETY WALK	1	1	1
49	420-35717	TAPE/SAFETY WALK	1	1	1
53	137639B	DECAL/WARNING GENERAL	1	1	-
	137849	DECAL/WARNING GENERAL	-	-	1
54	137683B	DECAL/SAFETY SHUTDOWN	1	1	-
	137847	DECAL/SAFETY SHUTDOWN	-	-	1
55	137657B	DECAL/WARNING GENERAL	1	1	-
	137845	DECAL/WARNING GENERAL	-	-	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

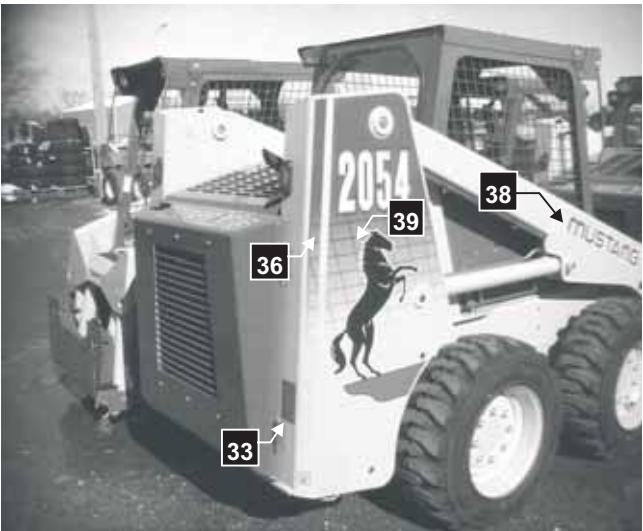
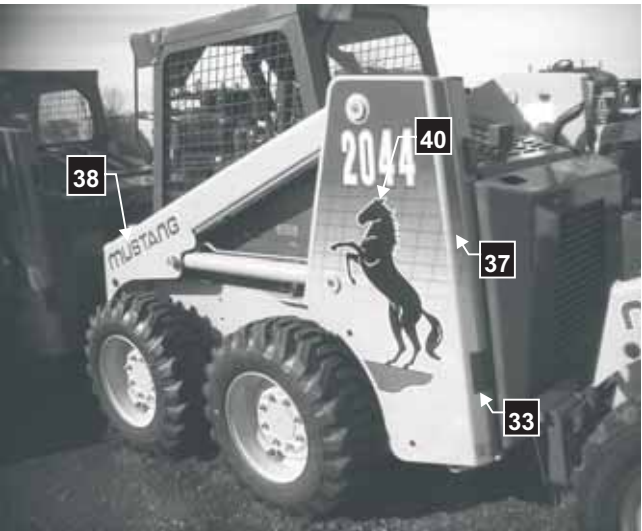
B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

High Flow Decals

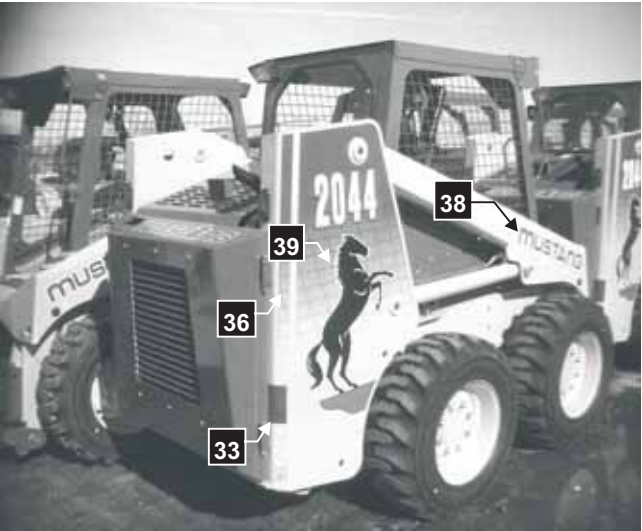
Ref. No.	Part No.	Description	Quantity 2054 High Flow
50	420-36015	DECAL/AUXILIARY PORT HIGH FLOW	1
51	420-36293	DECAL/HIGH FLOW	2
52	420-35850	DECAL/HIGH FLOW OPERATIONS SHEET	1

Older Model Decal Photographs

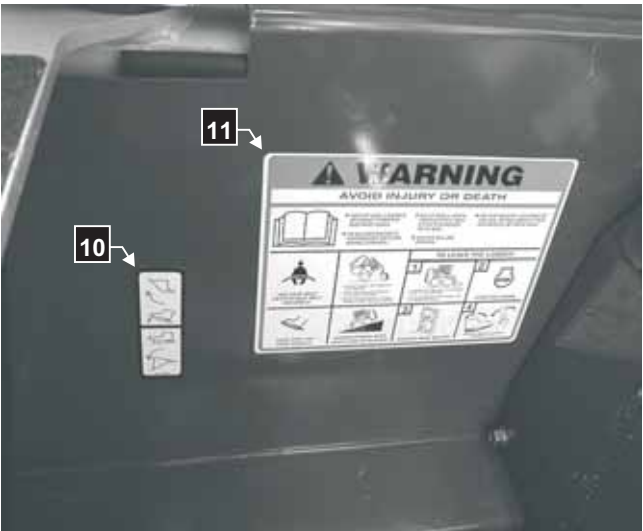
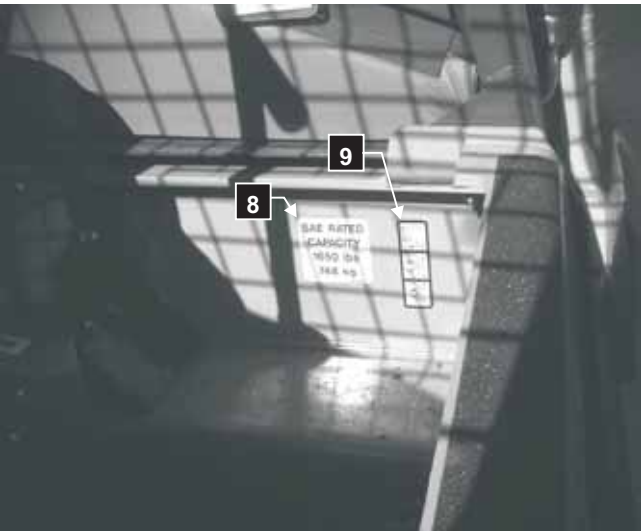




Older Model Decal Photographs

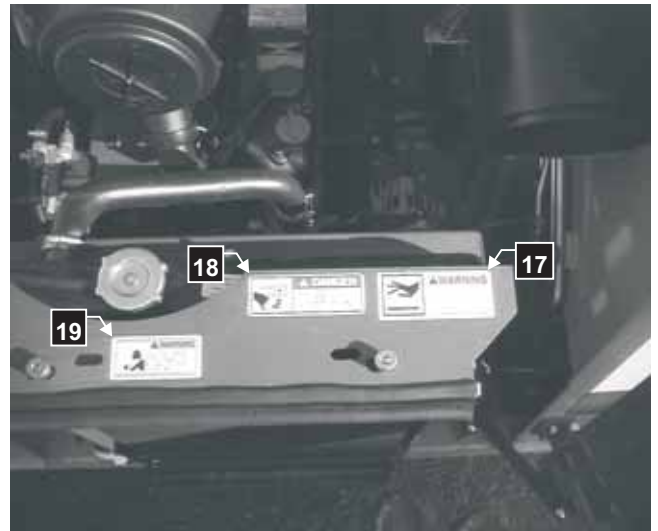


Older Model Decal Photographs

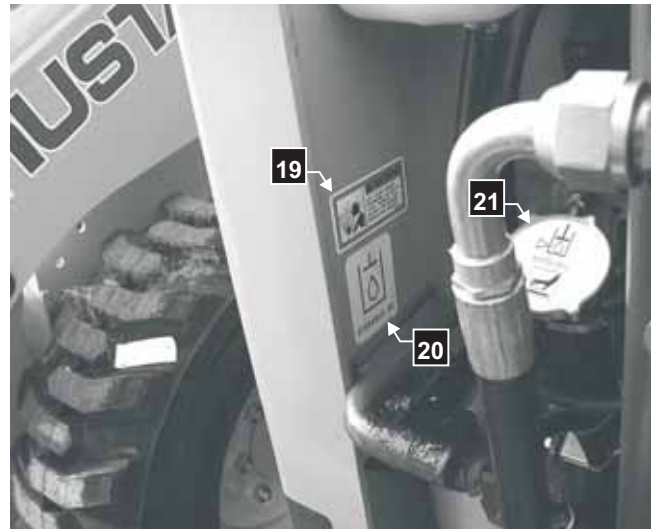
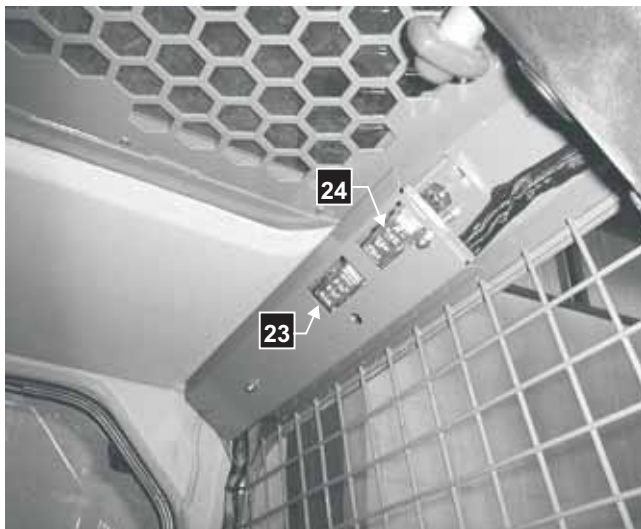


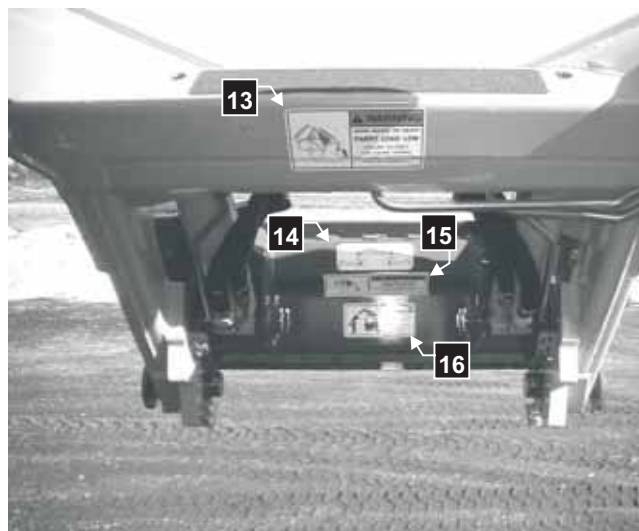


Older Model Decal Photographs



Older Model Decal Photographs



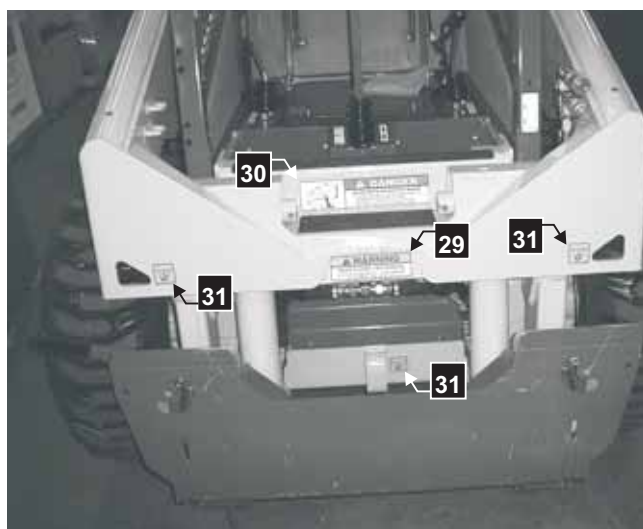


Older Model Decal Photographs



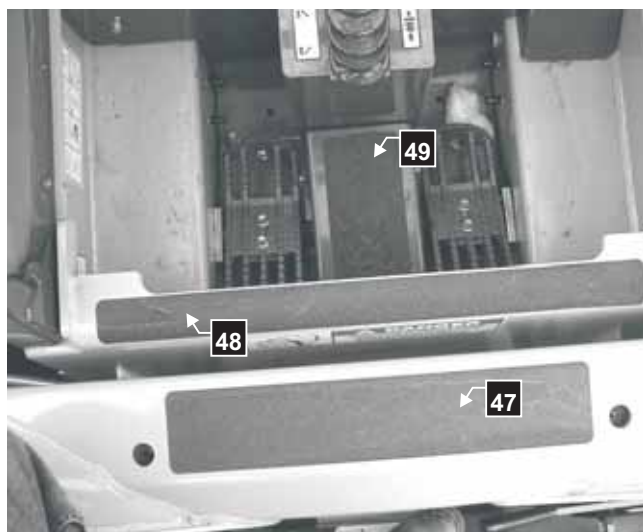
Older Model Decal Photographs

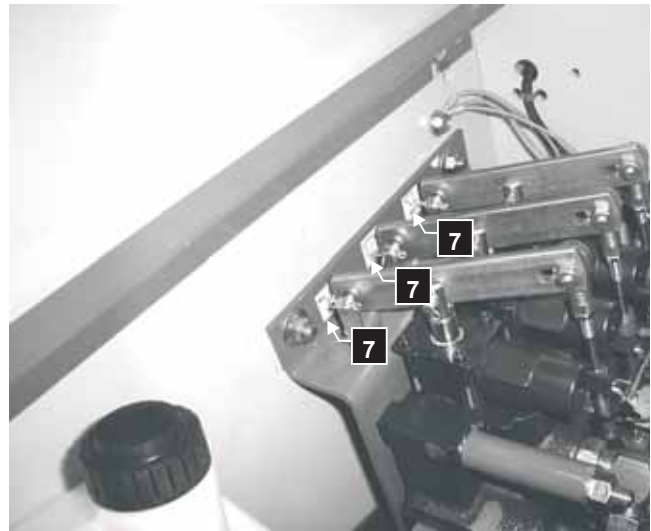




Older Model Decal Photographs

Decal Photographs - Newer and Older Models

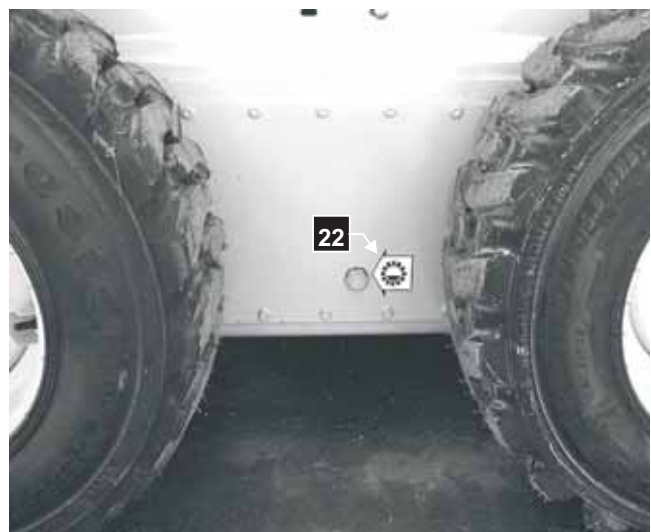


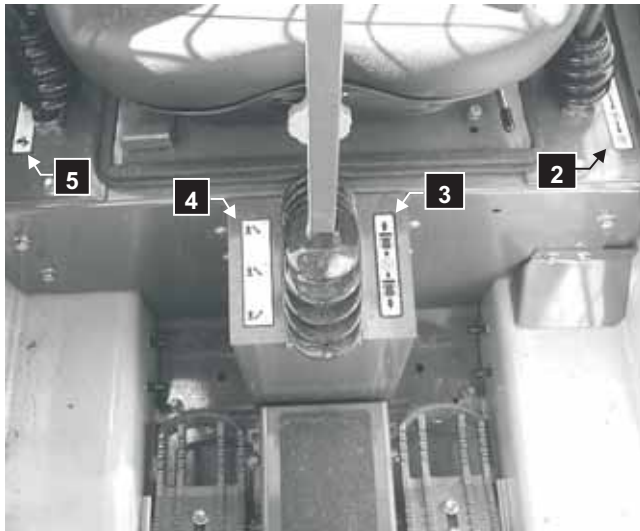


Decal Photographs - Newer and Older Models

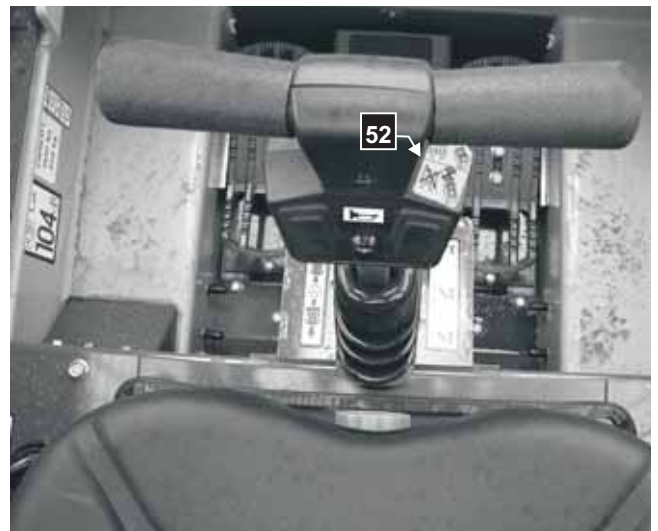
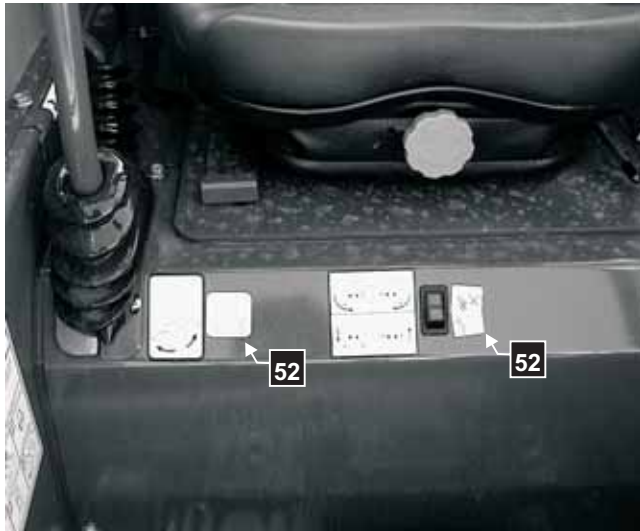


Decal Photographs - Newer and Older Models

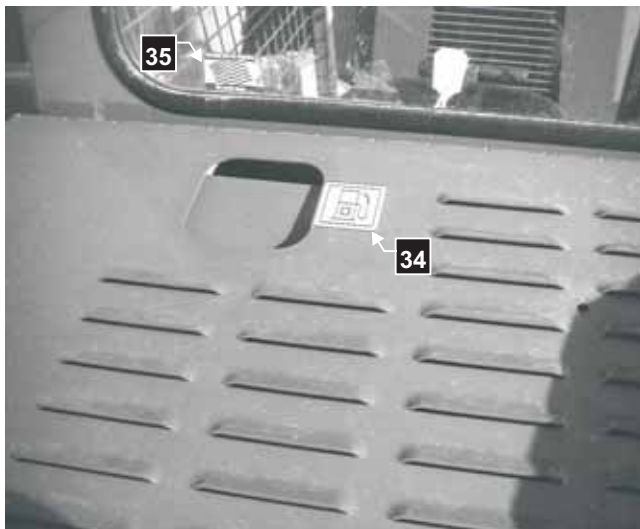




Decal Photographs - Newer and Older Models



Decal Photographs - Newer and Older Models





Newer Model Decal Photographs



Newer Model Decal Photographs





Newer Model Decal Photographs



Newer Model Decal Photographs





Newer Model Decal Photographs



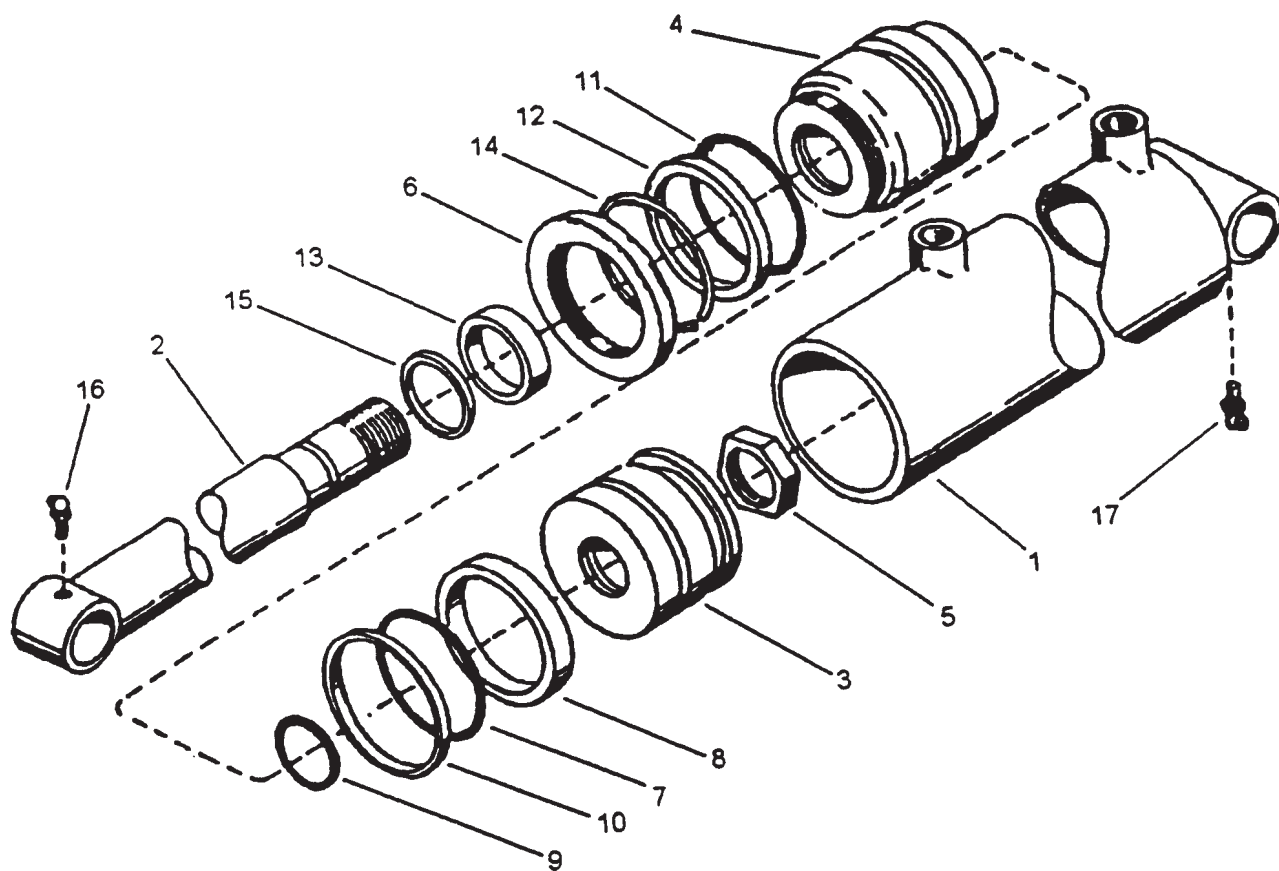
Newer Model Decal Photographs



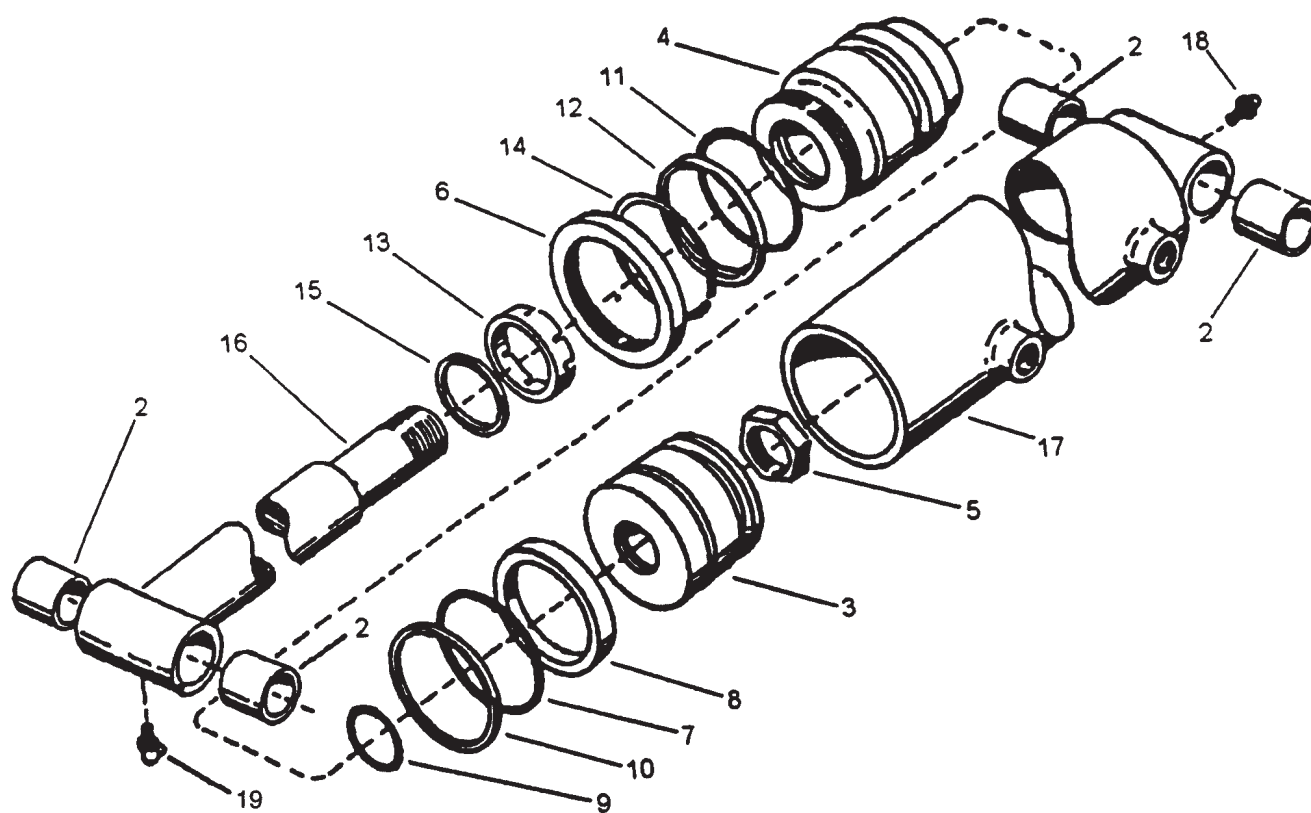
SECTION B: HYDRAULIC COMPONENTS

Lift Cylinder.	115
Tilt Cylinder.	117
Drive Motor and Parking Brake.	119
Tandem Pump.	123
Gear Pump.	131
Main Control Valve.	135
Self-Leveling Valve.	151
Brake Solenoid Valve.	153
High-Flow Solenoid Valve	155

SECTION B: HYDRAULIC COMPONENTS

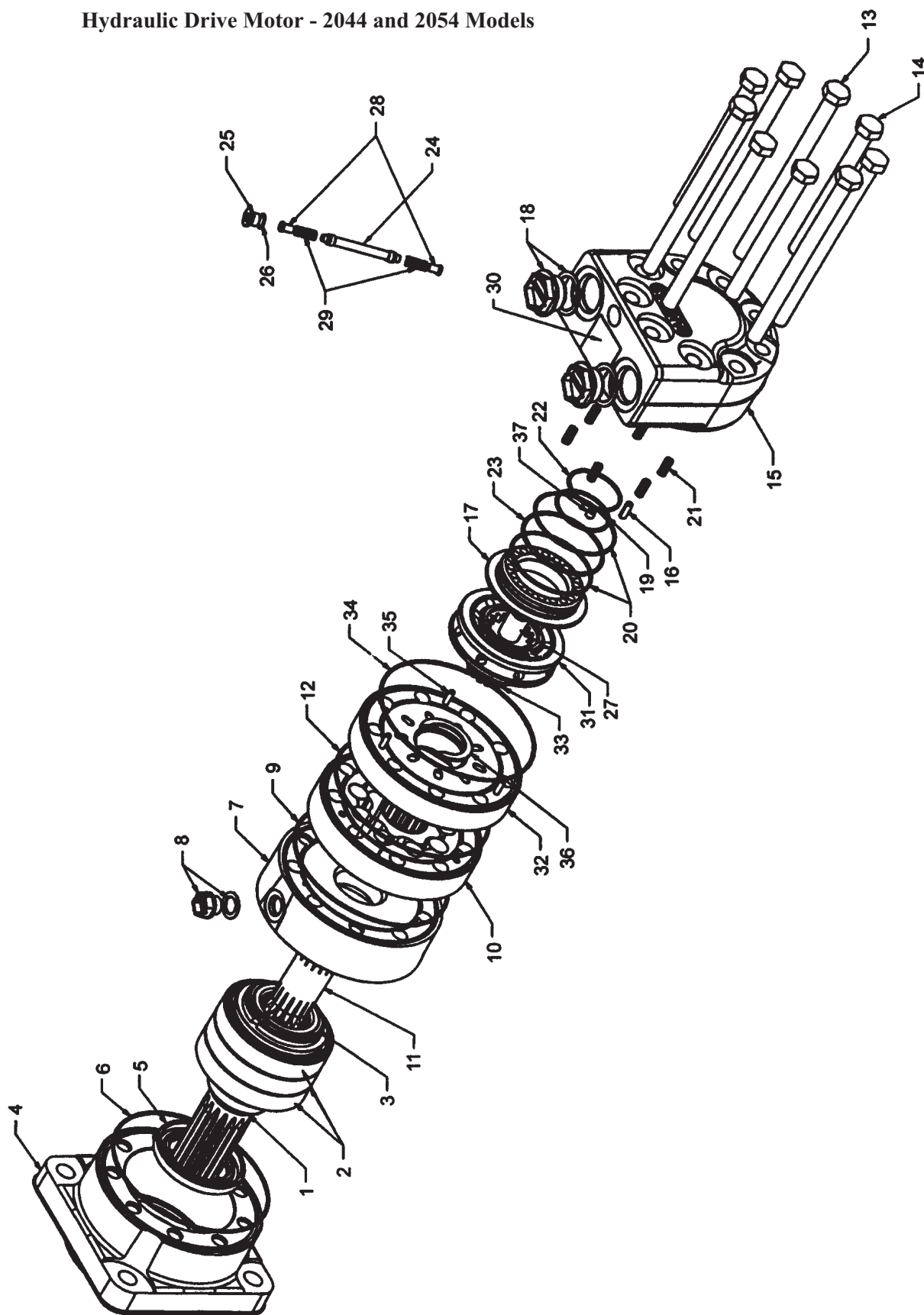


Ref. No.	Part No.	Description	Quantity 2044/2054
	170-35109	CYLINDER/LIFT	2
1	170-34664	BARREL	2
2	170-35111	ROD	2
3	170-35078	PISTON	2
4	010-32279	GLAND	2
5	210-32109	NUT/SPECIAL	2
6	210-32060	NUT/SPECIAL	2
7-15	190-32940	KIT/SEAL	2
16	570005	ZERK/GREASE 90°	2
17	420-35824	ZERK/GREASE 90°	2



Ref. No.	Part No.	Description	Quantity 2044/2054
	170-35108	CYLINDER/TILT	2
2	045-31420	BUSHING	8
3	170-35079	PISTON	2
4	010-32376	GLAND	2
5	210-32115	NUT	2
6	210-21141	NUT/SPECIAL	2
7-15	190-32939	KIT/SEAL	2
16	170-35110	ROD	2
17	170-34661	BARREL	2
18	570002	ZERK/GREASE	2
19	570005	ZERK/GREASE 90°	2

Hydraulic Drive Motor - 2044 and 2054 Models

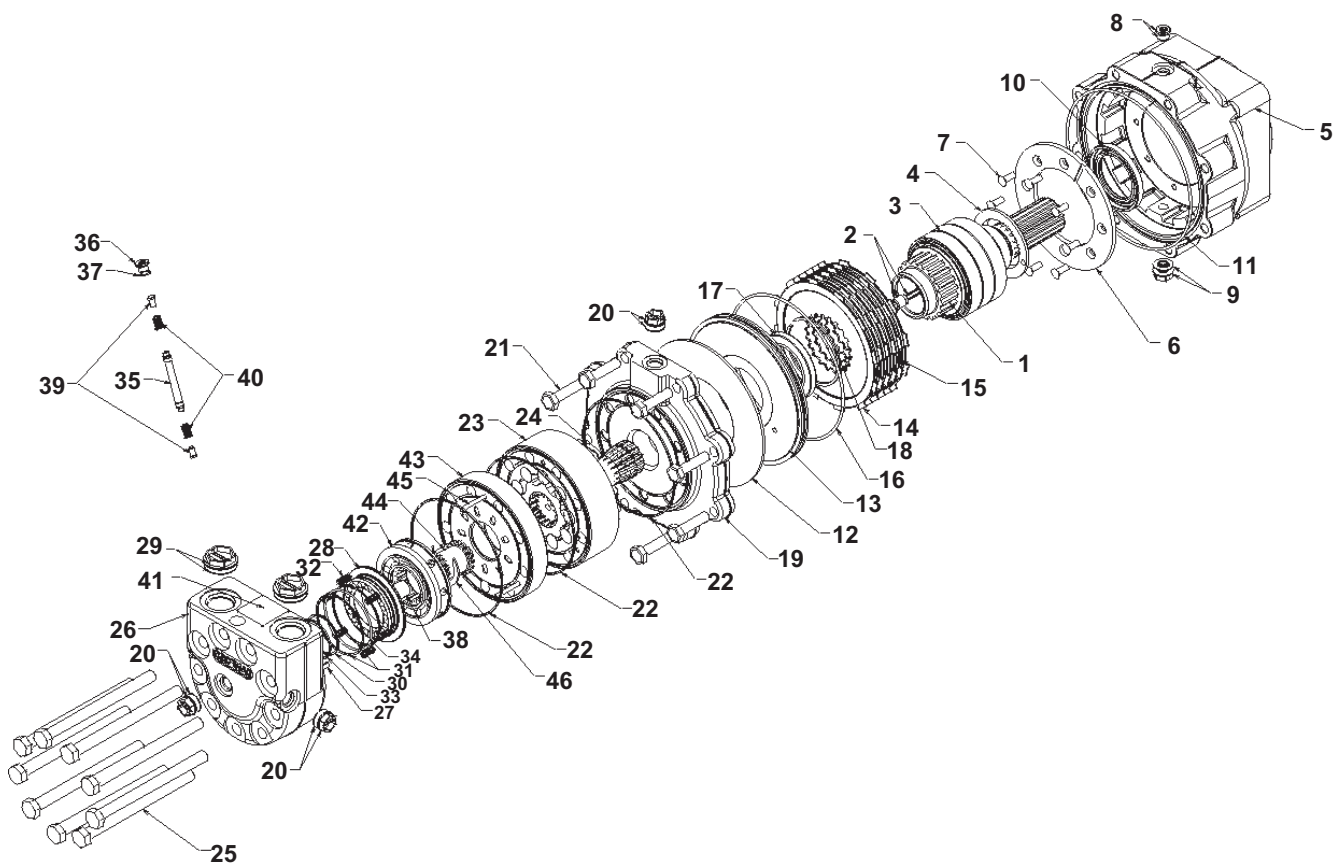


DRIVE MOTOR AND PARKING BRAKE

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
	250-32603	MOTOR/HYDRAULIC	2	-
	250-32614	MOTOR/HYDRAULIC	-	2
	320-32690	ASSEMBLY/SHAFT (ITEMS 1-3)	1	1
1	REF	SHAFT/SPLINED	1	1
2	REF	BEARING	1	1
3	REF	NUT/BEARING	1	1
	160-32915	ASSEMBLY/MOUNTING FLANGE (ITEMS 4-6)	1	1
4	REF	MOUNTING FLANGE/BEARING HOUSE	1	1
5	REF	SEAL/SHAFT	1	1
6	REF	O-RING	1	1
	160-32916	ASSEMBLY/MOTOR FLANGE (ITEMS 7-9)	1	1
7	REF	FLANGE/MOTOR	1	1
8	REF	PLUG/DRAIN PORT	1	1
9	REF	O-RING	1	1
	140-32271	ASSEMBLY/GEAR SET (ITEMS 10-12)	1	-
	140-32273	ASSEMBLY/GEAR SET (ITEMS 10-12)	-	1
10	REF	SET/GEAR	1	1
11	REF	SHAFT/CARDAN	1	1
12	REF	O-RING	1	1
	310-32679	ASSEMBLY/BOLT (ITEMS 13, 14)	1	-
	310-32699	ASSEMBLY/BOLT (ITEMS 13, 14)	-	1
13	REF	SCREW M12-1.00 X 190MM	6	6
14	REF	SCREW M12-1.00 X 160MM	3	3
	250-32606	ASSEMBLY/END COVER (ITEMS 15-30)	1	1
15	REF	END COVER/VALVE HOUSE	1	1
16	REF	PIN/GUIDE	1	1
17	REF	PLATE/BALANCE	1	1
18	REF	PLUG/MAIN PORT	2	2
19	REF	RING/BACKUP	1	1
20	REF	RING/BACKUP	2	2
21	380-32422	SPRING	6	6
22	REF	O-RING	1	1
23	REF	O-RING	1	1
24	REF	VALVE/FLUSHING	1	1
25	230-32748	PLUG	1	1
26	REF	O-RING	1	1
27	REF	SPACER	1	1
28	045-31491	VALVE STOP/FLUSHING	2	2
29	380-32423	SPRING	2	2
30	REF	PLATE/NAME	1	1
	170-35011	ASSEMBLY/VALVING (ITEMS 31-36)	1	1
31	REF	VALVE/DISC	1	1
32	REF	PLATE/CHANNEL	1	1
33	REF	DRIVE/VALVE	1	1
34	REF	O-RING	1	1
35	220-32673	PIN/GUIDE	3	3
36	350-32584	RING/STOP	1	1
	170-34996	ASSEMBLY/FLOW RESTRICTION (ITEM 37)	1	-
	170-35126	ASSEMBLY/FLOW RESTRICTION (ITEM 37)	-	1
37	REF	SCREW/ORIFICE	1	1
	190-32919	KIT/SEAL (ITEMS 5, 6, 9, 12, 19, 20, 22, 23, 26, 34)	1	1
	250-32607A	ASSEMBLY/DRIVE MOTOR	1	-

A) CONSISTS OF 160-32916, 140-32271, 310-32679, 250-32606, 170-35011, AND 170-34996.

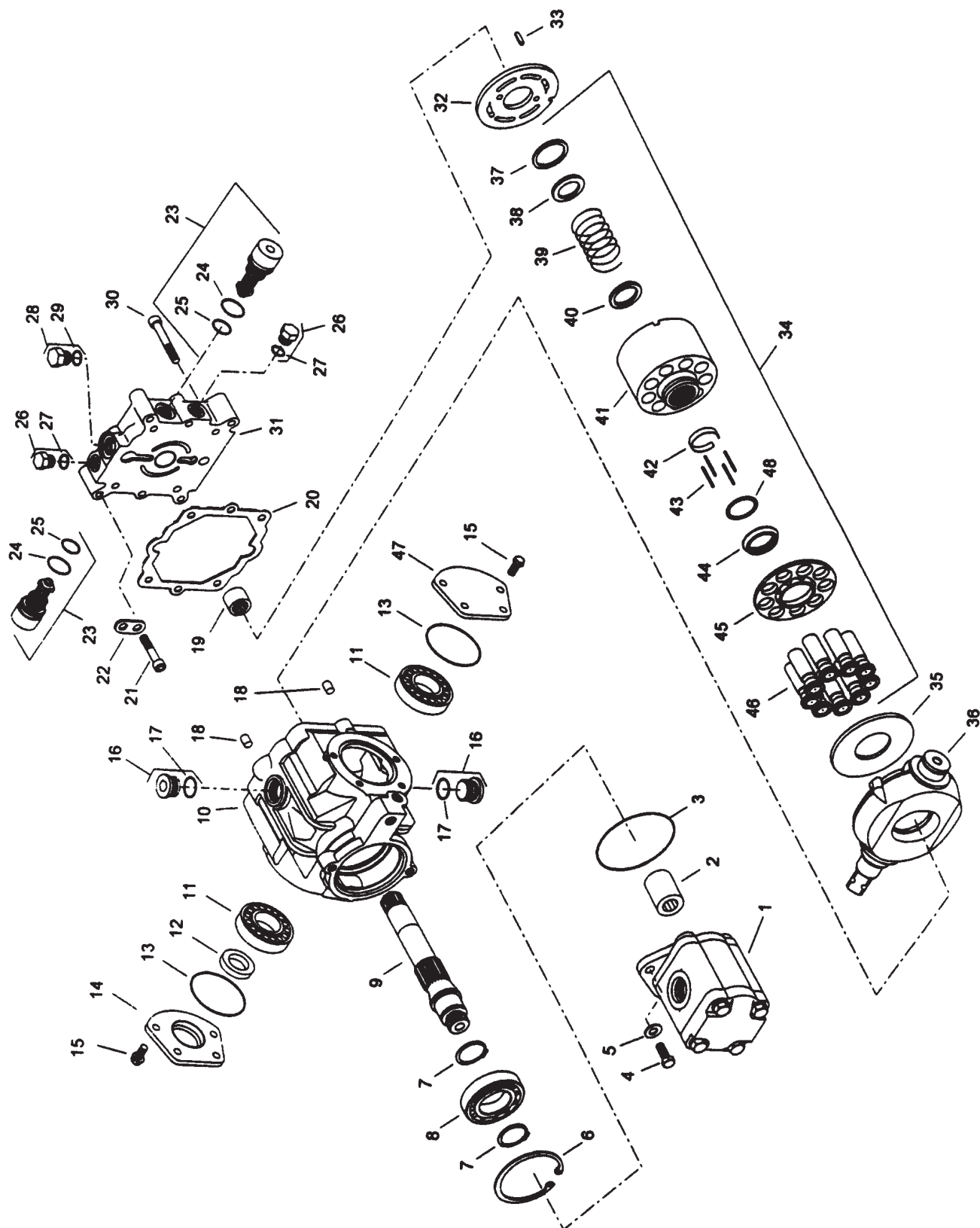
Road Homologation- (IMER) Brakes - 2044 Models



DRIVE MOTOR AND PARKING BRAKE

Ref. No.	Part No.	Description	Quantity 2044
	250-32604	HYDRAULIC MOTOR ASSEMBLY W/BRAKE (315 CC)	2
REF	320-32693	SHAFT MODULE ASSEMBLY (CONSISTS OF ITEMS 1-4)	1
1	SEE ASSY	SHAFT/SPLINED	1
2	SEE ASSY	FILTER/ORIFICE	1
3	SEE ASSY	ASSEMBLY/BEARING	1
4	SEE ASSY	NUT/BEARING	1
REF	160-32923	MOUNTING FLANGE MODULE ASSEMBLY (CONSISTS OF ITEMS 5-11)	1
5	SEE ASSY	MOUNTING FLANGE/BEARING HOUSING	1
6	SEE ASSY	STOP RING/BEARING BRAKE	1
7	SEE ASSY	SCREW M6 X 16MM	8
8	SEE ASSY	PLUG/RELEASE PORT	1
9	SEE ASSY	PLUG/RELEASE PORT	1
10	SEE ASSY	SEAL/SHAFT 50MM X 72MM X 8MM	1
11	SEE ASSY	O-RING 171.2MM X 2.62MM	1
REF	250-32610	BRAKE MODULE ASSEMBLY (CONSISTS OF ITEMS 12-18)	1
12	SEE ASSY	WASHER/BELLEVILLE	1
13	SEE ASSY	PISTON	1
14	SEE ASSY	DISC/OUTER	6
15	SEE ASSY	DISC/INNER	5
16	SEE ASSY	O-RING 135MM X 3MM	1
17	SEE ASSY	SEAL/SHAFT 50MM X 72MM X 8MM	1
18	SEE ASSY	RING/SNAP	1
REF	160-32924	MOTOR FLANGE MODULE ASSEMBLY (CONSISTS OF ITEMS 19-22)	1
19	SEE ASSY	FLANGE/MOTOR	1
20	SEE ASSY	PLUG/DRAIN PORT	1
21	SEE ASSY	SCREW M10 X 40MM	8
22	SEE ASSY	O-RING 125MM X 2MM	1
REF	140-32271	GEAR SET MODULE ASSEMBLY (CONSISTS OF 22-24)	1
22	SEE ASSY	O-RING 125MM X 2MM	1
23	SEE ASSY	SET/GEAR	1
24	SEE ASSY	SHAFT/CARDAN	1
REF	310-32690	BOLT MODULE ASSEMBLY (CONSISTS OF ITEM 25)	1
25	SEE ASSY	SCREW M12 X 150MM	9
REF	250-32611	END COVER MODULE ASSEMBLY (CONSISTS OF ITEMS 20, 26-41)	1
20	SEE ASSY	PLUG/DRAIN PORT	2
26	SEE ASSY	END COVER/VALVE HOUSE	1
27	SEE ASSY	PIN/GUIDE 5MM DIAMETER X 14MM	1
28	SEE ASSY	PLATE/BALANCE	1
29	SEE ASSY	PLUG/MAIN PORT	2
30	SEE ASSY	RING/BACKUP	1
31	SEE ASSY	RING/BACKUP	2
32	380-32426	SPRING	6
33	SEE ASSY	O-RING 40MM X 2MM	1
34	SEE ASSY	O-RING 63MM X 2MM	1
35	SEE ASSY	VALVE/FLUSHING	1
36	230-32748	PLUG	1
37	SEE ASSY	O-RING 9MM X 1.5MM	1
38	SEE ASSY	SPACER	1
39	045-31491	STOP/FLUSHING VALVE	2
40	380-32423	SPRING	2
41	SEE ASSY	NAMEPLATE	1
REF	170-35011	VALVING MODULE ASSEMBLY (CONSISTS OF ITEMS 22, 42-46)	1
22	SEE ASSY	O-RING	1
42	SEE ASSY	VALVE/DISC	1
43	SEE ASSY	PLATE/CHANNEL	1
44	SEE ASSY	DRIVE/VALVE	1
45	SEE ASSY	PIN/GUIDE 4MM DIAMETER X 42MM	3
46	350-32584	RING/STOP	1
47	190-32928	REPAIR KIT/SEAL (CONSISTS OF ITEMS 10, 11, 16, 17, 22, 30, 31, 33, 34 AND 37)	1

2044 Tandem Pump / Gear Pump End



Ref. No.	Part No.	Description	Quantity 2044
1	170-34943	PUMP/GEAR	1
	190-32918	KIT/SEAL (GEAR PUMP ONLY)	1
2	100-32172	COUPLING	1
3	350-32583	O-RING	1
4	310-19536	SCREW/CAP	2
5	400-32568	WASHER	2
6	350-32444	RING/RETAINING	1
7	350-19442	RING/RETAINING	2
8	010-32436	BEARING/BALL	1
9	320-32685	SHAFT	1
10	160-32908	HOUSING	1
11	010-32434	BEARING	2
12	335-32302	SEAL/LIP	1
13	350-32580	O-RING	2
14	330-33737	COVER/TRUNNION	1
15	310-32671	SCREW	8
16	230-32744	PLUG	2
17	350-27267	O-RING	2
18	220-32672	PIN	2
19	010-32435	BEARING/NEEDLE	1
20	130-32234	GASKET/END CAP	1
21	310-32673	SCREW/SOCKET HEAD	4
22	REF	BRACKET/LIFTING	1
23	170-34982	VALVE/SCR	2
24	350-32240	O-RING	2
25	350-32423	O-RING	2
26	122778	PLUG	2
27	055897	O-RING	2
28	131577	PLUG	1
29	350-32424	O-RING	1
30	310-32672	SCREW/SOCKET HEAD	4
31	160-32904	CAP/END	1
32	170-34980	PLATE/VALVE	1
33	220-32671	PIN/SPRING	1
34	190-32915	KIT/CYLINDER BLOCK	1
35	400-32567	PLATE/THRUST	1
36	160-32906	SWASH PLATE/VARIABLE	1
37	REF	RING/RETAINING	1
38	REF	WASHER	1
39	REF	SPRING/BLOCK CYLINDER	1
40	REF	WASHER	1
41	REF	BLOCK/CYLINDER	1
42	REF	PIN/HOLD DOWN RETAINER	
43	REF	PIN/HOLD DOWN SLIPPER	4
44	REF	GUIDE/RETAINING SLIPPER	1
45	REF	RETAINER/SLIPPER	1
46	REF	PISTON	9
47	330-33736	COVER/TRUNNION	1
	190-32916	KIT/SEAL OVERHAUL (INCLUDES 12, 13, 20, 24, 25, 29)	1

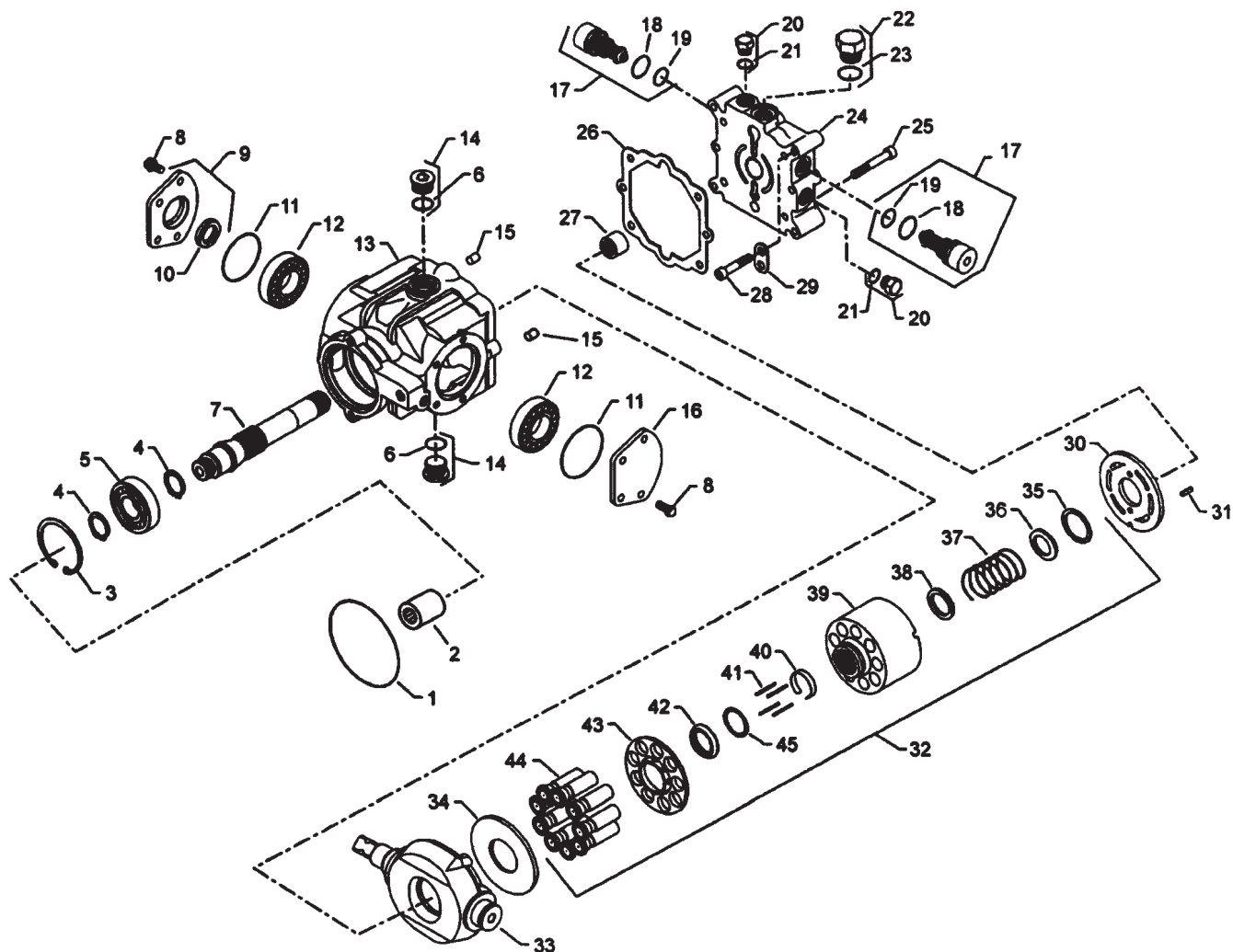
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or engine part. The diagram shows the following components and their assembly sequence:

- Top Section (Parts 1-10):** Includes a central shaft (1) with a pin (2), a nut (3), a washer (4), a seal (5), a bearing (6), and a pin (7).
- Central Section (Parts 11-20):** Features a main housing (11) with a pin (12), a nut (13), a washer (14), a pin (15), a nut (16), a washer (17), a pin (18), a nut (19), a washer (20), and a pin (21).
- Bottom Section (Parts 22-30):** Includes a pin (22), a nut (23), a washer (24), a pin (25), a nut (26), a washer (27), a pin (28), a nut (29), a washer (30), and a pin (31).
- Right Section (Parts 32-40):** Shows a pin (32), a nut (33), a washer (34), a pin (35), a nut (36), a washer (37), a pin (38), a nut (39), a washer (40), and a pin (41).
- Far Right Section (Parts 42-57):** Includes a pin (42), a nut (43), a washer (44), a pin (45), a nut (46), a washer (47), a pin (48), a nut (49), a washer (50), a pin (51), a nut (52), a washer (53), a pin (54), a nut (55), a washer (56), and a pin (57).

The diagram uses dashed lines to indicate the assembly path and alignment of the parts.

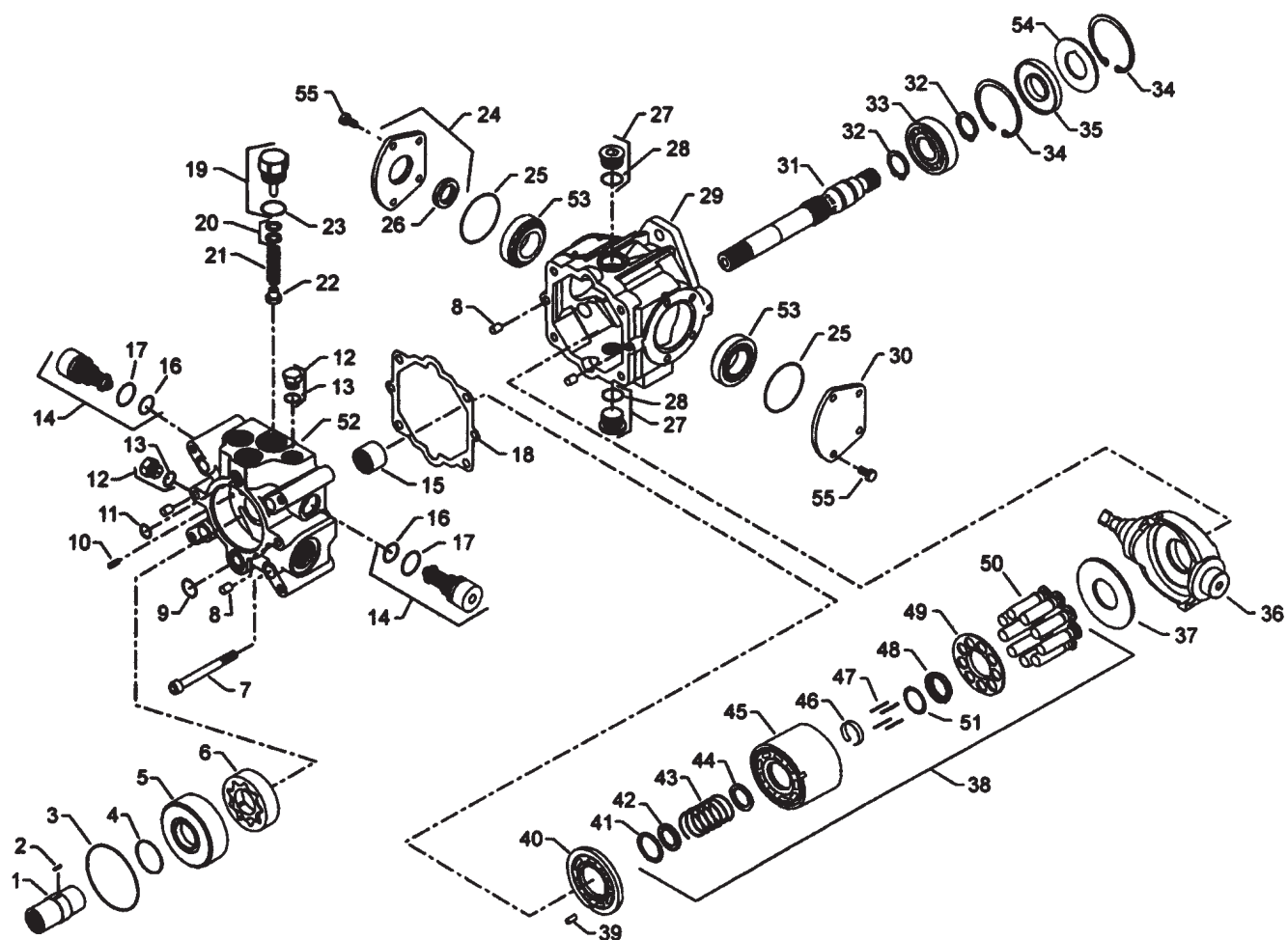
Ref. No.	Part No.	Description	Quantity 2044
1	100-32171	COUPLING	1
2	220-32670	PIN	1
3	350-32582	O-RING	1
4	350-32581	O-RING	1
5	360-32652	SPACER	1
6	140-32269	GEROTOR	1
7	310-32674	SCREW/SOCKET HEAD	4
8	220-32672	PIN	2
9	350-27112	O-RING	1
10	650517	PLUG/PIPE	1
11	220-32370	PIN	1
12	350-17647	O-RING	1
13	122778	PLUG	1
14	170-34982	VALVE/SCR	1
15	350-32240	O-RING	4
16	350-32423	O-RING	4
17	130-32234	GASKET/END CAP	1
18	010-32435	NEEDLE/BEARING	1
19	160-32907	CAP/END	1
20	350-32424	O-RING	3
21	131577	PLUG	2
22	230-32745	PLUG/CHARGE RELIEF	1
23	360-32653	SHIM KIT/CHARGE RELIEF	1
24	380-32421	SPRING/COMPRESSION	1
25	310-32671	SCREW	8
26	330-33737	COVER/TRUNNION	1
27	350-32580	O-RING	2
28	335-32302	SEAL/LIP	1
29	010-32434	BEARING	2
30	330-33736	COVER/TRUNNION	1
31	160-32903	HOUSING/VARIABLE	1
32	320-32686	SHAFT/PUMP	1
33	350-19442	RING/RETAINING	2
34	010-32436	BEARING/BALL	1
35	055897	O-RING	2
36	350-32444	RING/RETAINING	2
37	400-32566	WASHER/SEAL SUPPORT	1
38	335-32301	SEAL/LIP	1
39	160-32906	SWASH PLATE/VARIABLE	1
40	400-32567	PLATE/THRUST	1
41	190-32915	KIT/CYLINDER BLOCK	1
42	220-32671	PIN/SPRING	1
43	170-34979	PLATE/VALVE - CW	1
44	REF	RING/RETAINING	1
45	REF	WASHER	1
46	REF	SPRING	1
47	REF	WASHER	1
48	REF	BLOCK/CYLINDER	1
49	REF	RETAINER/PIN	1
50	REF	PINS/HOLD DOWN SLIPPER	4
51	REF	WASHER/SPECIAL	2
52	REF	GUIDE/RETAINER SLIPPER	1
53	REF	RETAINER/SLIPPER	1
54	REF	PISTON	9
55	230-32744	PLUG	2
56	350-27267	O-RING	2
57	170-34981	POPPET/CHARGE RELIEF	1
	190-32916	KIT/SEAL OVERHAUL (ITEMS 3, 4, 9, 12, 15-17, 20, 27, 28, 38)	1

2054 Tandem Pump / Gear Pump End



Ref. No.	Part No.	Description	Quantity 2054
1	350-32583	O-RING	1
2	100-32172	COUPLING	1
3	350-32444	RING/RETAINING	1
4	350-19442	RING/RETAINING	2
5	010-32436	BEARING/BALL	1
6	350-27267	O-RING	2
7	320-32685	SHAFT	1
8	310-32671	SCREW	8
9	330-33823	COVER/TRUNNION	1
10	335-32312	SEAL/LIP	1
11	350-32580	O-RING	2
12	010-32434	BEARING	2
13	160-32908	HOUSING	1
14	230-32744	PLUG	2
15	220-32672	PIN	2
16	330-33736	COVER/TRUNNION	1
17	170-34982	VALVE/SCR	2
18	350-32240	O-RING	2
19	350-32423	O-RING	2
20	122778	PLUG	2
21	055897	O-RING	2
22	131577	PLUG	1
23	350-32424	O-RING	1
24	160-32904	CAP/END	1
25	310-32672	SCREW/SOCKET HEAD	4
26	130-32234	GASKET/END CAP	1
27	010-32435	BEARING/NEEDLE	1
28	310-32673	SCREW/SOCKET HEAD	4
29	REF	EAR/LIFTING	1
30	170-35141	PLATE/VALVE REAR	1
31	220-32671	PIN/SPRING	1
32	190-32959	KIT/CYLINDER BLOCK	1
33	160-32936	SWASH PLATE	1
34	400-32567	PLATE/THRUST	1
35	REF	RING/RETAINING	1
36	REF	WASHER	1
37	REF	SPRING	1
38	REF	WASHER	1
39	REF	BLOCK/CYLINDER	1
40	REF	PIN/HOLD DOWN RETAINER	1
41	REF	PIN/HOLD DOWN SLIPPER	4
42	REF	GUIDE/RETAINING SLIPPER	1
43	REF	RETAINER/SLIPPER	1
44	REF	PISTON	9
45	REF	WASHER/THRUST	1
	190-32916	KIT/SEAL OVERHAUL (INCLUDES 1, 6, 10, 11, 18, 19, 21, 26)	1

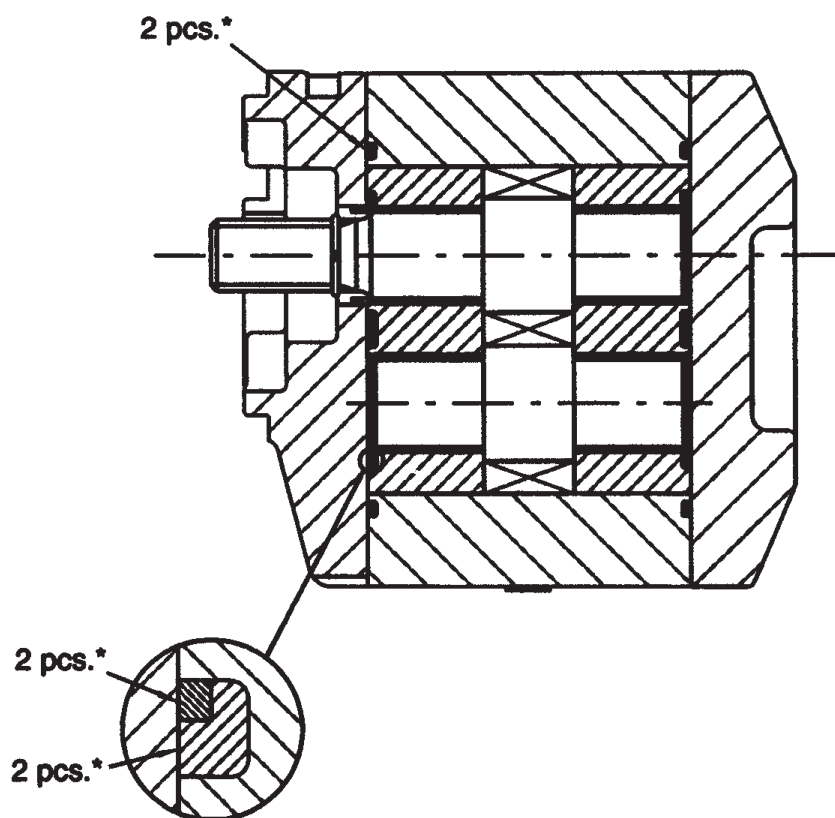
2054 Tandem Pump / Engine End



Ref. No.	Part No.	Description	Quantity 2054
1	100-32171	COUPLING	1
2	220-32670	PIN	1
3	350-32582	O-RING	1
4	350-32581	O-RING	1
5	360-32652	SPACER	1
6	140-32269	GEROTOR	1
7	310-32674	SCREW/SOCKET HEAD	4
8	220-32672	PIN	2
9	350-27112	O-RING	1
10	220-32370	PIN	1
11	350-17647	O-RING	1
12	122778	PLUG	1
13	055897	O-RING	1
14	170-34982	VALVE/SCR	2
15	010-32435	NEEDLE/BEARING	1
16	350-32423	O-RING	2
17	350-32240	O-RING	2
18	130-32234	GASKET/END CAP	1
19	230-32745	PLUG/CHARGE RELIEF	1
20	360-32653	SHIM KIT/CHARGE RELIEF	1
21	190581B	SPRING/COMPRESSION	1
	380-32421A	SPRING/COMPRESSION	1
22	170-34981	POPPET/CHARGE RELIEF	1
23	190582B	SHIM/CHARGE RELIEF	3
	350-32424A	O-RING	1
24	330-33823	COVER/TRUNNION	1
25	350-32580	O-RING	1
26	335-32312	SEAL/LIP	2
27	230-32744	PLUG	2
28	350-27267	O-RING	2
29	160-32903	HOUSING/FRONT PUMP	1
30	330-33736	COVER/TRUNNION	1
31	320-32686	SHAFT/PUMP	1
32	350-19442	RING/RETAINING	2
33	010-32436	BEARING/BALL	1
34	350-32444	RING/RETAINING	2
35	335-32301	SEAL/LIP	1
36	160-32936	SWASH PLATE/VARIABLE	1
37	400-32567	PLATE/THRUST	1
38	190-32959	KIT/CYLINDER BLOCK	1
39	220-32671	PIN/SPRING	1
40	170-35140	VALVE PLATE/FRONT	1
41	REF	RING/RETAINING	1
42	REF	WASHER	2
43	REF	SPRING	1
44	REF	WASHER	1
45	REF	BLOCK/CYLINDER	1
46	REF	RETAINER/PIN	1
47	REF	PINS/HOLD DOWN SLIPPER	1
48	REF	GUIDE/RETAINER SLIPPER	1
49	REF	RETAINER/SLIPPER	1
50	REF	PISTON	9
51	REF	WASHER/THRUST	1
52	160-32907	CAP/END	1
53	010-32434	BEARING	2
54	400-32566	WASHER/SEAL SUPPORT	1
55	310-32671	SCREW	4
	190-32916A	KIT/SEAL OVERHAUL (ITEMS 1, 6, 10, 11, 18, 19, 21, 23, 26)	1

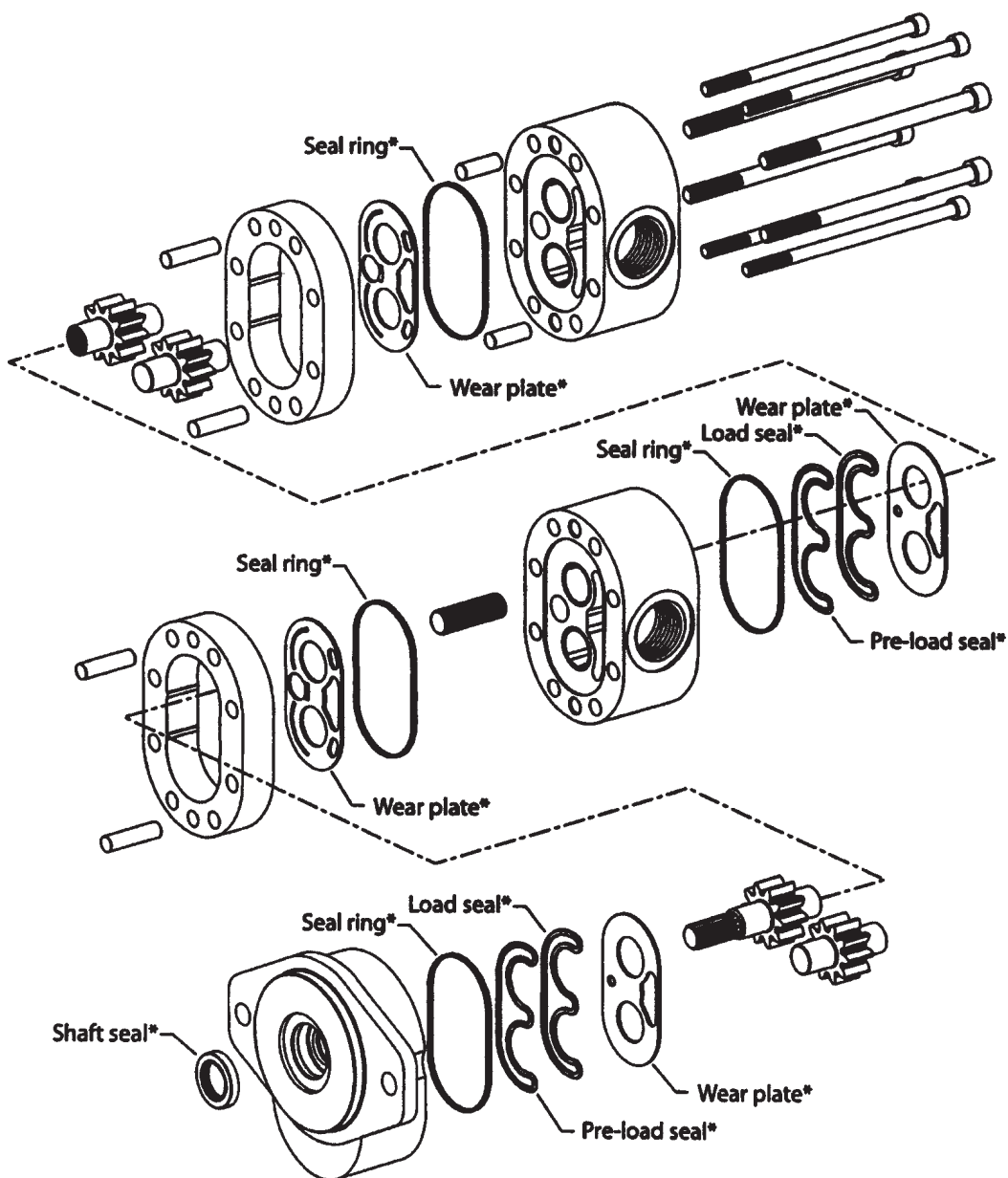
A) SN V6424 AND BEFORE

B) SN V6425 AND UP



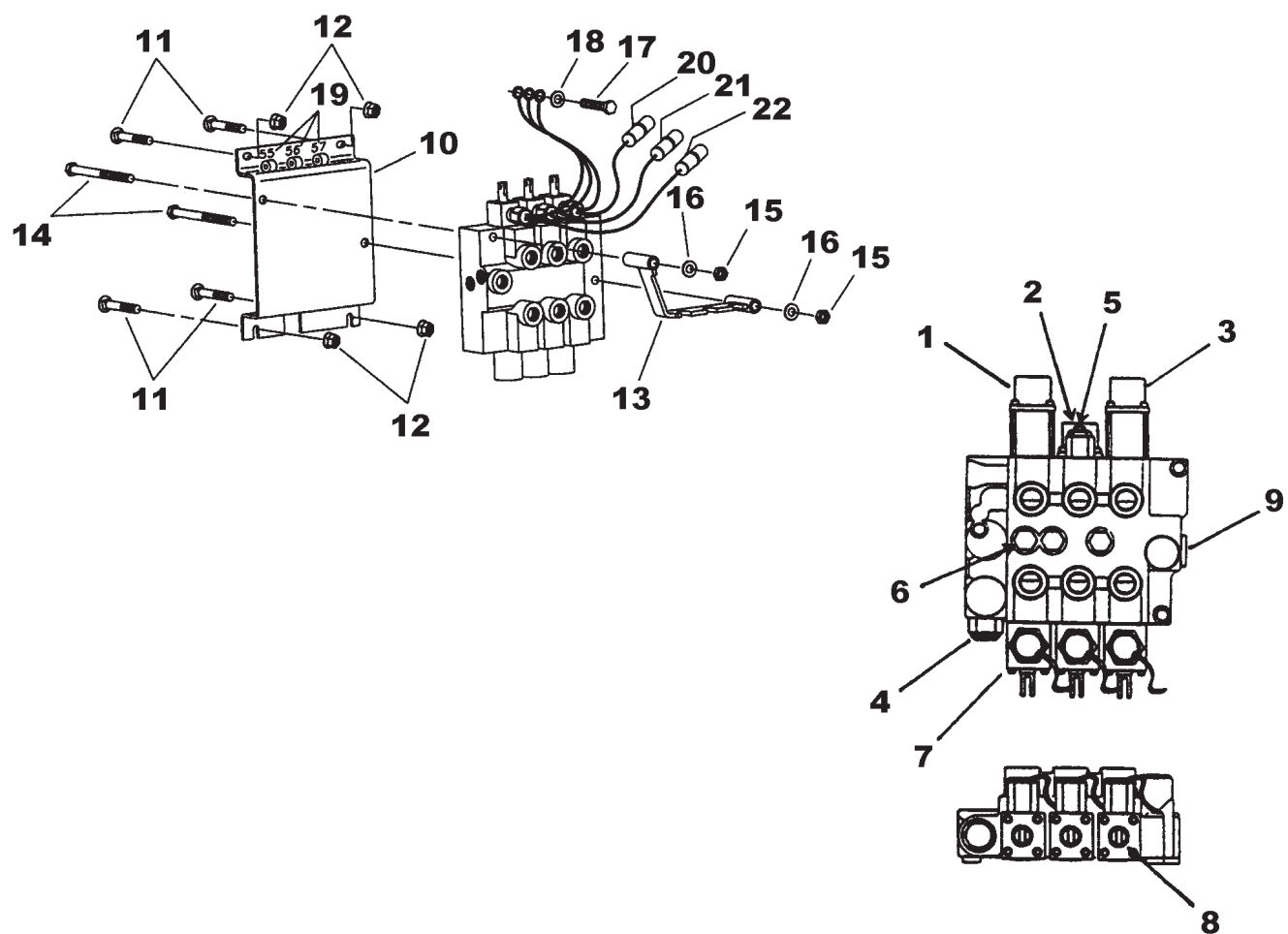
Ref. No.	Part No.	Description	Quantity 2044/2054
1	170-34943	PUMP/GEAR	1
	190-32918	KIT/SEAL (ASTERISK (*) INDICATES PARTS IN KIT)	1

High-Flow Gear Pump - 2054 Models



Ref. No.	Part No.	Description	Quantity 2054 HF
1	188902	PUMP/GEAR HIGH FLOW	1
	188904	KIT/SEAL (ASTERISK (*) ITEMS INCLUDED IN KIT)	1

Control Valve



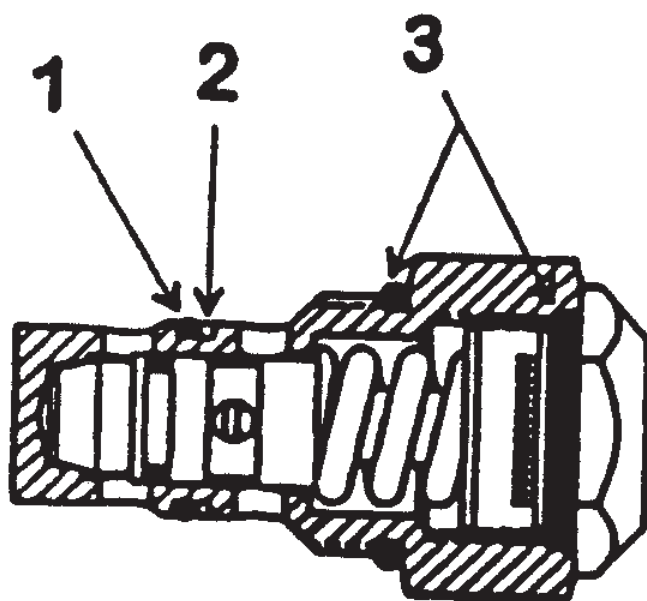
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	170-34676	VALVE/CONTROL	1	-
	170-34848	VALVE/CONTROL	-	1
	170-34725	POSITIONER/FLOAT	1	1
2	170-34726	POSITIONER/SPOOL	1	1
3	170-32727	POSITIONER/R DETENT	1	1
4	170-34728	CARTRIDGE/RELIEF RCM	1	-
	170-34875	CARTRIDGE/RELIEF RCM	-	1
5	170-34729	CARTRIDGE/RELIEF RP10-AAC	1	1
6	230-32703	PLUG/LOAD CHECK	3	3
7	170-34702	KIT/SPOOL LOCK	3	3
8	190-32843	KIT/SEAL SPOOL	1	1
9	131577	PLUG	3	3
10	040-33635	BRACKET/VALVE MOUNTING	1	1
11	650704	BOLT/CARRIAGE 3/8-16NC X 1	4	4
12	070856	NUT/HEX WHIZLOCK 3/8-16NC	4	4
13	174911B	BRACKET/CABLE MOUNT	1	1
	040-33636A	BRACKET/CABLE MOUNT	1	1
14	310-32643	SCREW/CAP 7/16-14NC X 6	2	2
15	071705	NUT/HEX CENTERLOCK 7/16-14NC	2	2
16	654006	WASHER/FLAT 3/8	2	2
17	650985	SCREW/SELF-TAPPING 5/16-18NC X 3/4	1	1
18	654002	WASHER/FLAT 1/4	1	1
19	420-35612	DECAL/VALVE SECTION IDENTIFICATION	1	1
20	420-35682	TIE/CABLE YELLOW	1	1
21	420-35680	TIE/CABLE BLUE	1	1
22	420-35681	TIE/CABLE RED	1	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

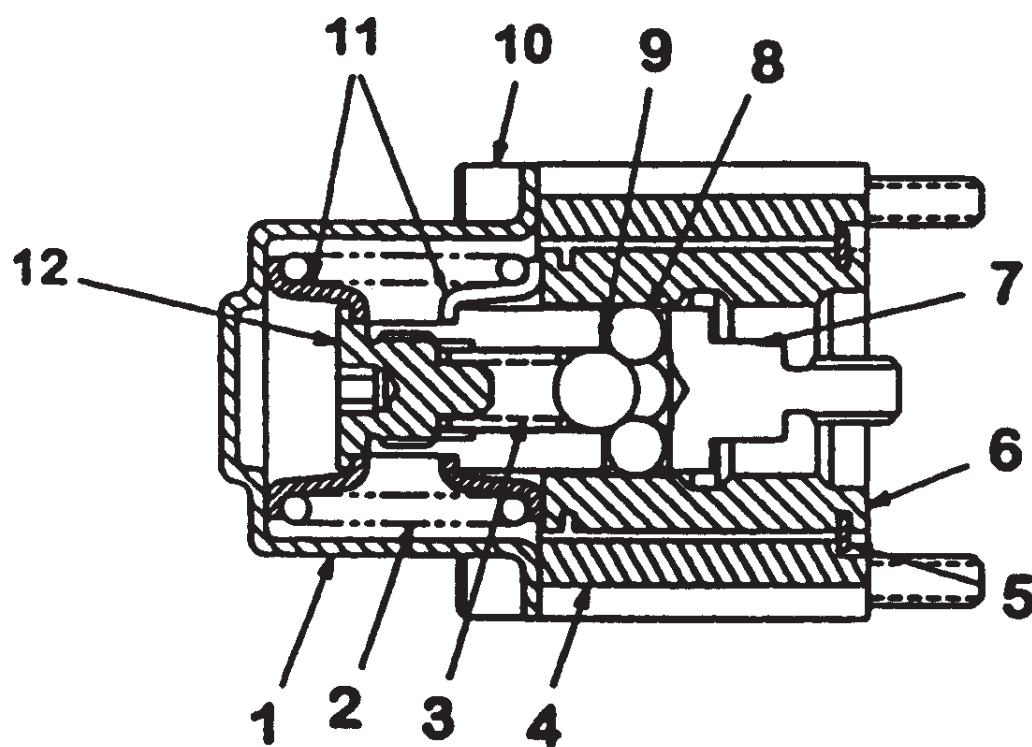
PRESSURE SETTINGS	AMOUNT OF PRESSURE
CONTROL VALVE RELIEF - 2044	2350+150/-0 PSI @ Full Throttle (162+10,3/-0,0 bar)
CONTROL VALVE RELIEF - 2054	2800+150/-0 PSI @ Full Throttle (193+10,3/-0,0 bar)

Main Relief Valve



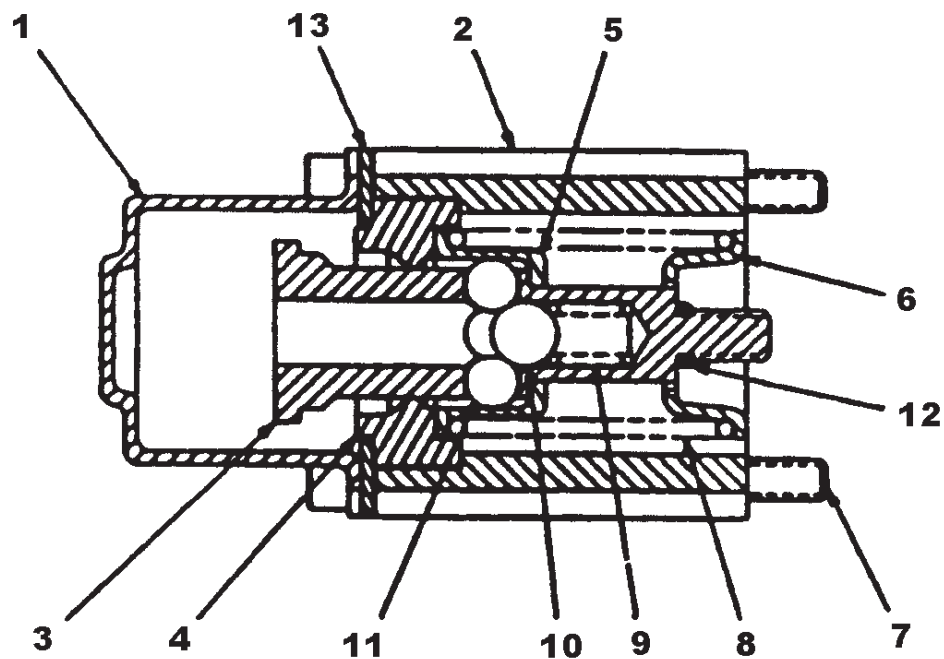
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
	170-34728	CARTRIDGE/RELIEF RCM	1	-
	170-34875	CARTRIDGE/RELIEF RCM	-	1
1	REF	O-RING	1	1
2	REF	RING/BACKUP	1	1
3	REF	SEAL/O-RING	2	2
	190-32841	KIT/SEAL (INCLUDES ITEMS 1-3)	1	1

Auxiliary Detent Positioner



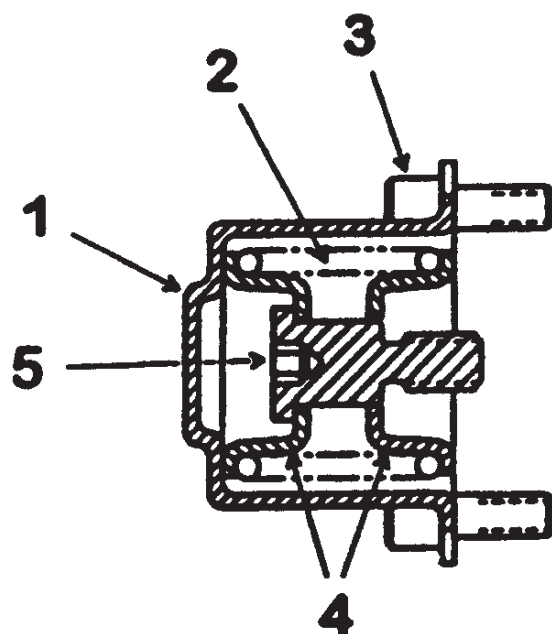
Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34727	POSITIONER KIT/R DETENT (INCLUDES ITEMS 1-12)	1
1	REF	BONNET	1
2	REF	SPRING/LARGE	1
3	REF	SPRING/SMALL	1
4	REF	SPACER	1
5	REF	RING/RETAINING	1
6	REF	SLEEVE/DETENT	1
7	REF	BALL HOLDER/DETENT	1
8	REF	BALL 1/4	4
9	REF	BALL 3/8	1
10	REF	SCREW	4
11	REF	COLLAR/SPRING	2
12	REF	COLLAR/SPOOL	1

Lift Float Positioner



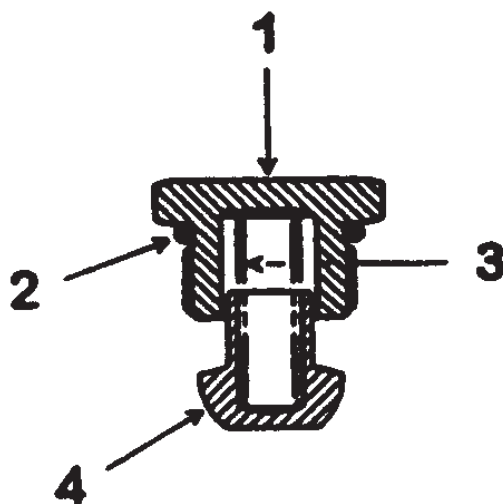
Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34725	POSITIONER KIT/FLOAT (INCLUDES ITEMS 1-13)	1
1	REF	BONNET	1
2	REF	SPACER	1
3	REF	BALL HOLDER/DETENT	1
4	REF	SLEEVE/DETENT	1
5	REF	COLLAR/SPRING	1
6	REF	COLLAR/SPRING	1
7	REF	SCREW	4
8	REF	SPRING	1
9	REF	SPRING/DETENT	1
10	REF	BALL 3/8	1
11	REF	BALL 1/4	4
12	REF	SEAL/O-RING	1
13	REF	PLATE	1

Tilt Spool Positioner



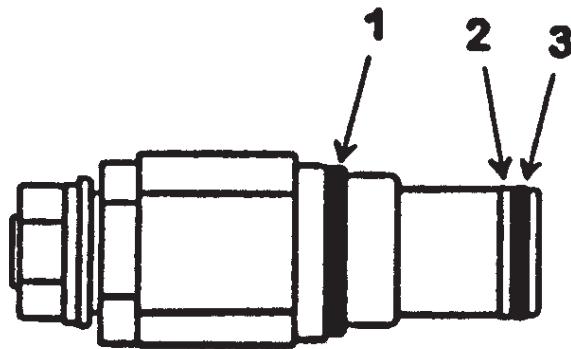
Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34726	POSITIONER KIT/SPOOL (INCLUDES ITEMS 1-5)	1
1	REF	BONNET	1
2	REF	SPRING	1
3	REF	SCREW	4
4	REF	COLLAR/SPRING	2
5	REF	COLLAR/SPOOL	1

Load Check Plug



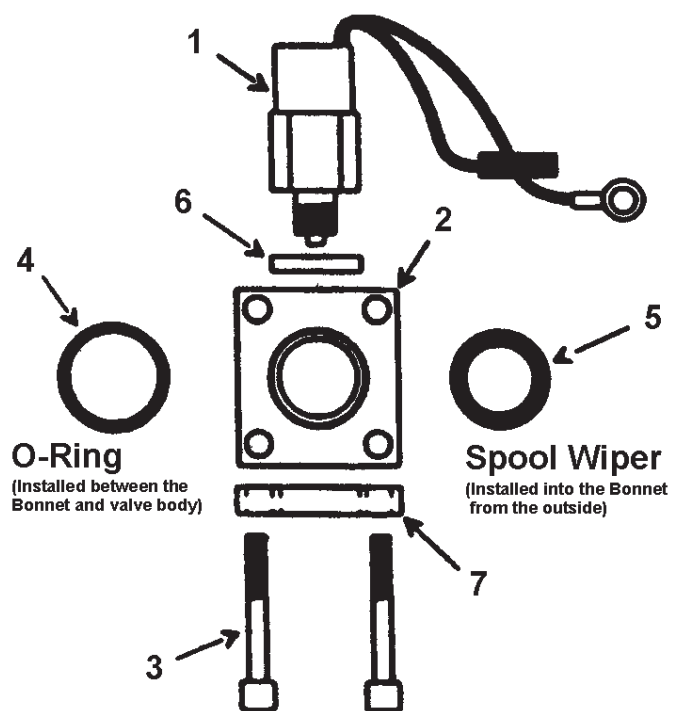
Ref. No.	Part No.	Description	Quantity 2044/2054
	230-32703	PLUG KIT/LOAD CHECK (INCLUDES ITEMS 1-4)	1
1	REF	PLUG	1
2	REF	SEAL/O-RING	1
3	REF	SPRING	1
4	REF	POPPET	1

Tilt Relief Cartridge

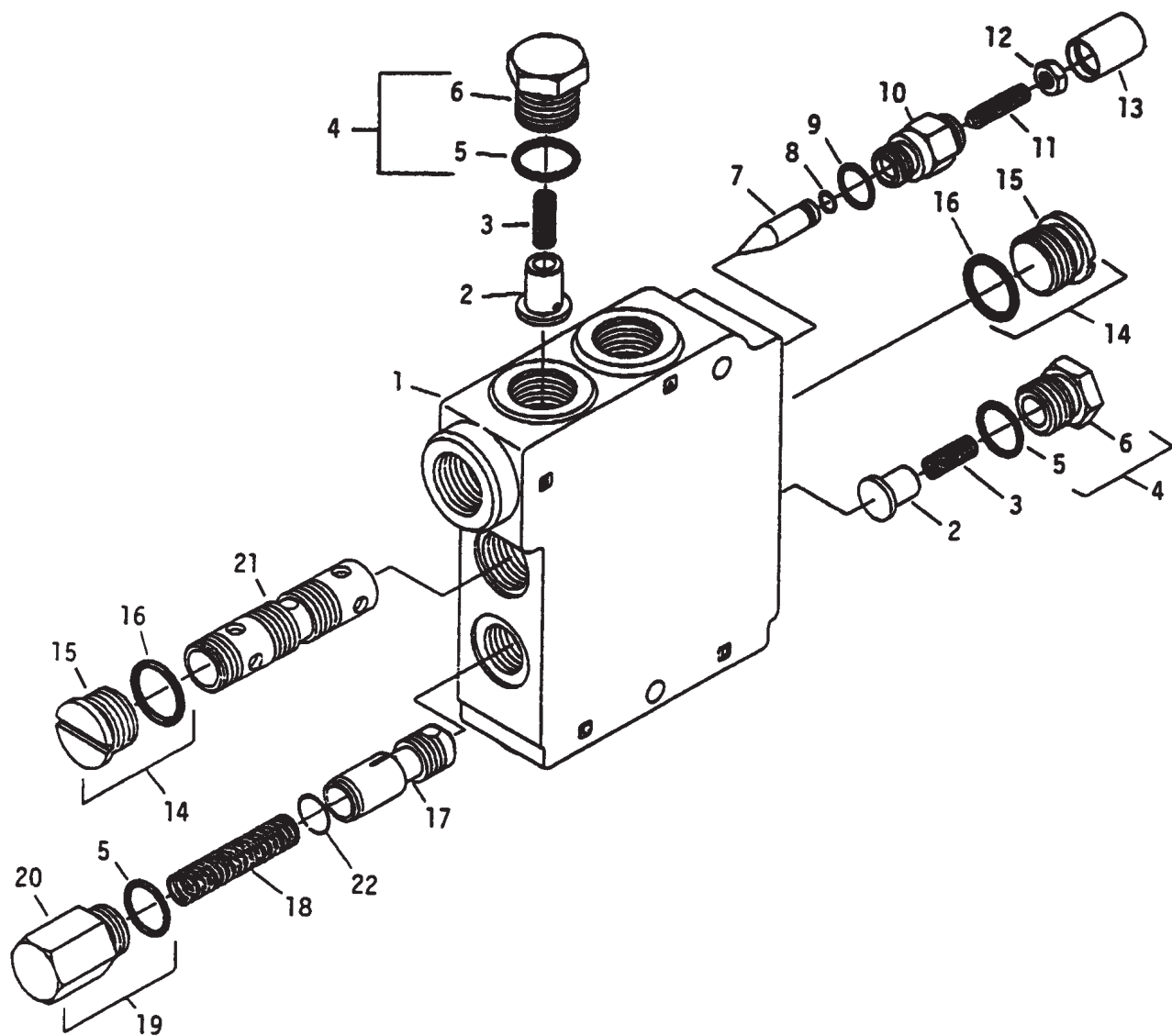


Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34729	CARTRIDGE/RELIEF RP10-AAC	1
1	REF	SEAL/O-RING	1
2	REF	RING/BACKUP	1
3	REF	SEAL/O-RING	1
	190-32842	KIT/SEAL (INCLUDES ITEMS 1-3)	1

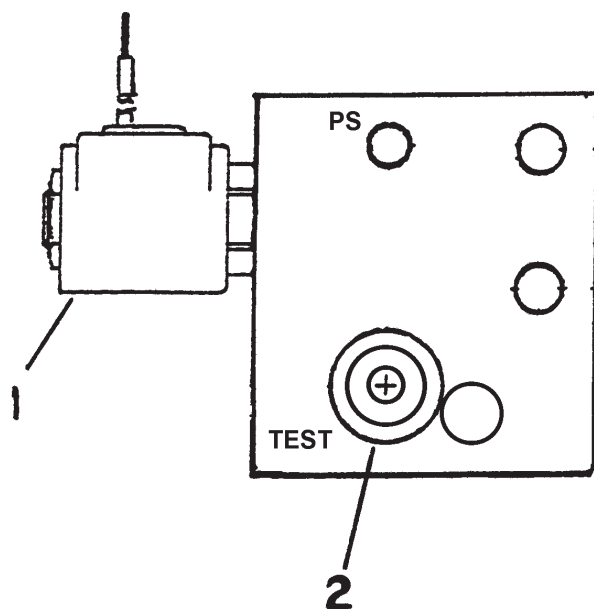
Spool Lock Kit



Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34702	LOCK KIT/SPOOL (INCLUDES ITEMS 1-7)	1
1	170-35068	SOLENOID	1
2	REF	BONNET	1
3	REF	SCREW	4
4	REF	SEAL/O-RING	1
5	335-32304	WIPER	1
6	360-32661	SPACER	1
7	REF	PLATE	1

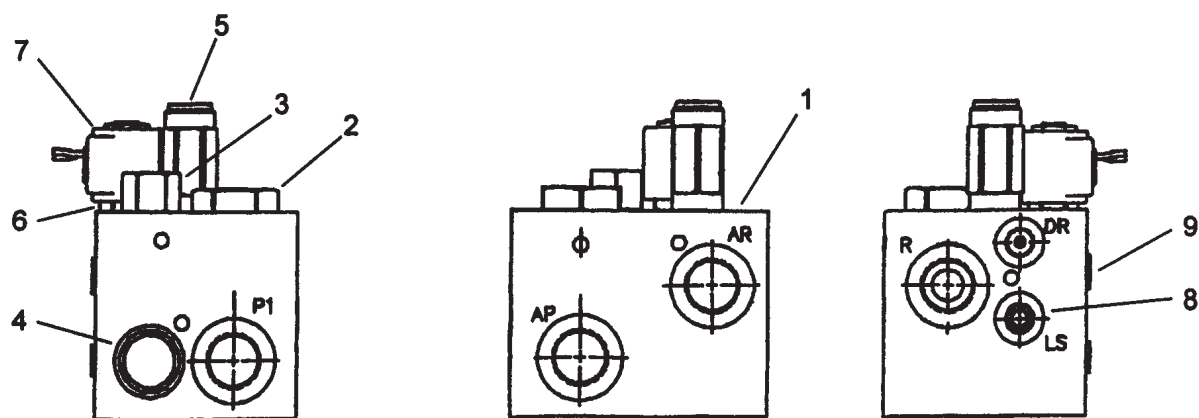


Ref. No.	Part No.	Description	Quantity 2044/2054
	170-34606	VALVE/SELF-LEVELING	1
1	REF	BODY	1
2	170-34460	PLUNGER	2
3	380-32400	SPRING	2
4	230-32647	PLUG	2
5	REF	O-RING	3
6	REF	PLUG	2
7	220-32584	PIN	1
8	REF	O-RING	1
9	REF	O-RING	1
10	230-32547	CAP/ADJUSTMENT	1
11	310-32557	SCREW/SET	1
12	210-32129	NUT/JAM	1
13	420-34798	COVER/TAMPER PROOF	1
14	230-32549	PLUG	2
15	REF	PLUG	2
16	REF	O-RING	2
17	REF	SPOOL/UNLOADING	1
18	380-32420	SPRING	1
19	230-32743	PLUG	1
20	REF	PLUG	1
21	REF	SPOOL/FLOW DIVIDER	1
22	350-27299	RING/RETAINING	1
	190-32917	KIT/SEAL (INCLUDES ITEMS 5, 8, 9 AND 16)	1



Ref. No.	Part No.	Description	Quantity 2044 (IMER)	Quantity 2044/2054
1	170-34994	VALVE/BRAKE SOLENOID COMPLETE	1	-
	170-34948	VALVE/BRAKE SOLENOID COMPLETE	-	1
	170-35085	VALVE/SOLENOID LESS COIL	1	-
	170-34831	VALVE/SOLENOID LESS COIL	-	1
	190-32935	KIT/SEAL (FOR ITEM 1)	1	-
2	190-32865	KIT/SEAL (FOR ITEM 1)	-	1
	170-35084	COIL (FOR P/N 170-35085)	1	-
	170-34809	COIL (FOR P/N 170-34831)	-	1
	230-32747	PLUG/HOLLOW HEX	1	1

2054 Models



Ref. No.	Part No.	Description	Quantity 2054 HF
1	170-34929	VALVE	1
2	170-35138	ELEMENT/LOGIC	1
	190-32851	KIT/SEAL (FOR ITEM 2)	1
3	170-35155	ELEMENT/VENTED LOGIC	1
	190-32850	KIT/SEAL (FOR ITEM 3)	1
4	170-35137	VALVE/CHECK	1
	190-32958	KIT/SEAL (FOR ITEM 4)	1
5	170-35136	VALVE/UNLOADER	1
	190-32957	KIT/SEAL (FOR ITEM 5)	1
6	170-35135	SPOOL VALVE/N.O.	1
	190-32956	KIT/SEAL (FOR ITEM 6)	1
7	170-35084	COIL/WEATHER-PAK	1
8	170-35134	ORIFICE	1
9	230-32721	PLUG/NWD STYLE SAE 6	1

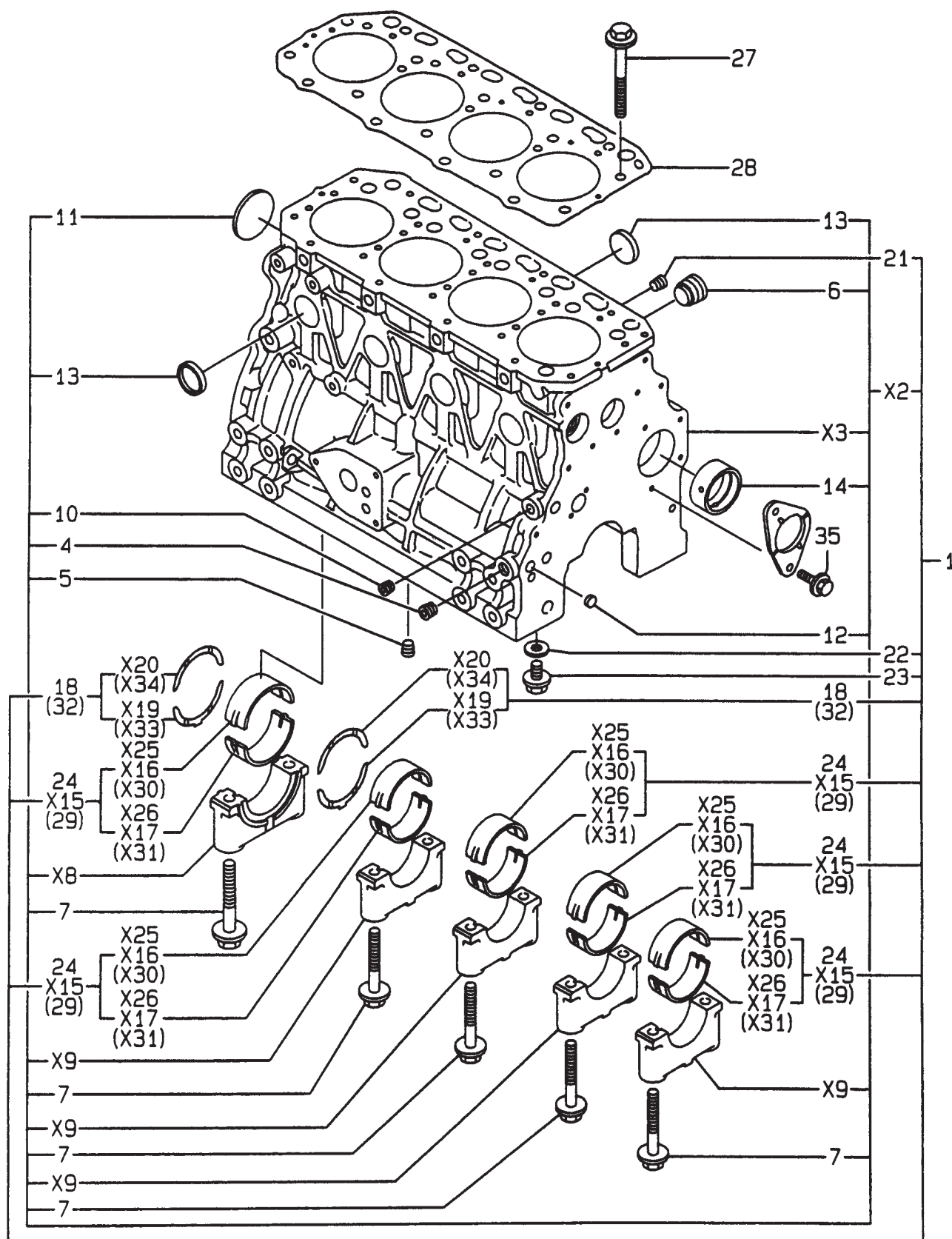
SECTION NOTES

SECTION C: ENGINE SERVICE PARTS (4TNE84/88 ONLY) *
2044: SN P3141 AND BEFORE
2054: SN Q5402 AND BEFORE

Cylinder Block	159
Gear Housing	161
Flywheel Housing and Oil Sump	163
Cylinder Head and Bonnet	165
Camshaft and Driving Gear	167
Crankshaft and Piston	169
Suction Manifold	171
Exhaust Manifold	173
Lubrication Oil System	175
Cooling Water System	177
Fuel Injection Pump	179
Governor	183
Fuel Injection Valve	187
Fuel Filter and Mount	189
Starting Motor	191
Alternator	193
Gasket Set	195

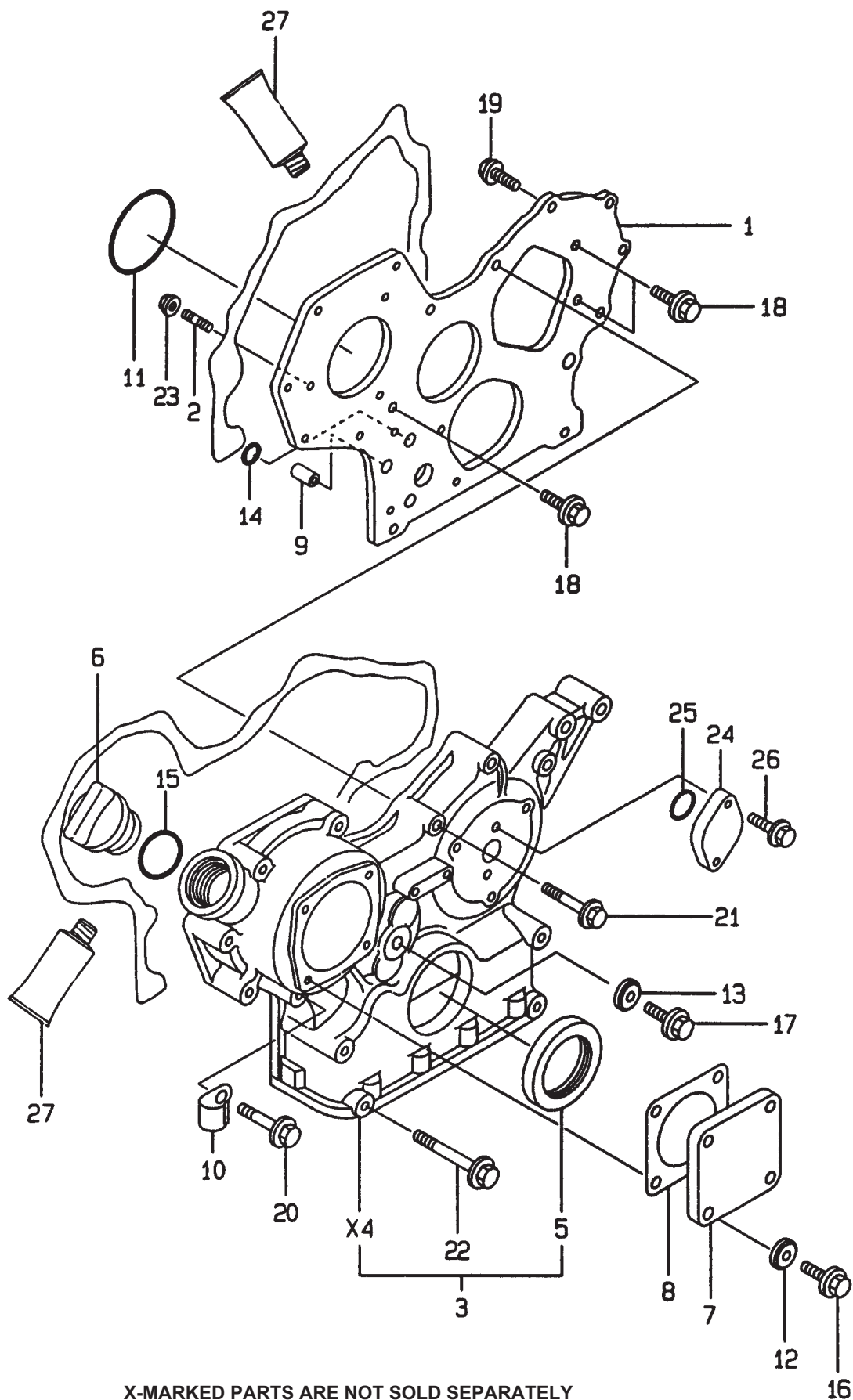
*** 3TNV88 and 4TNV88**
engine service part numbers for:
2044: SN P3142 and Up
2054: SN Q5403 and Up
available in
Publication Form 917105

SECTION C: ENGINE SERVICE PARTS
(4TNE84/88)



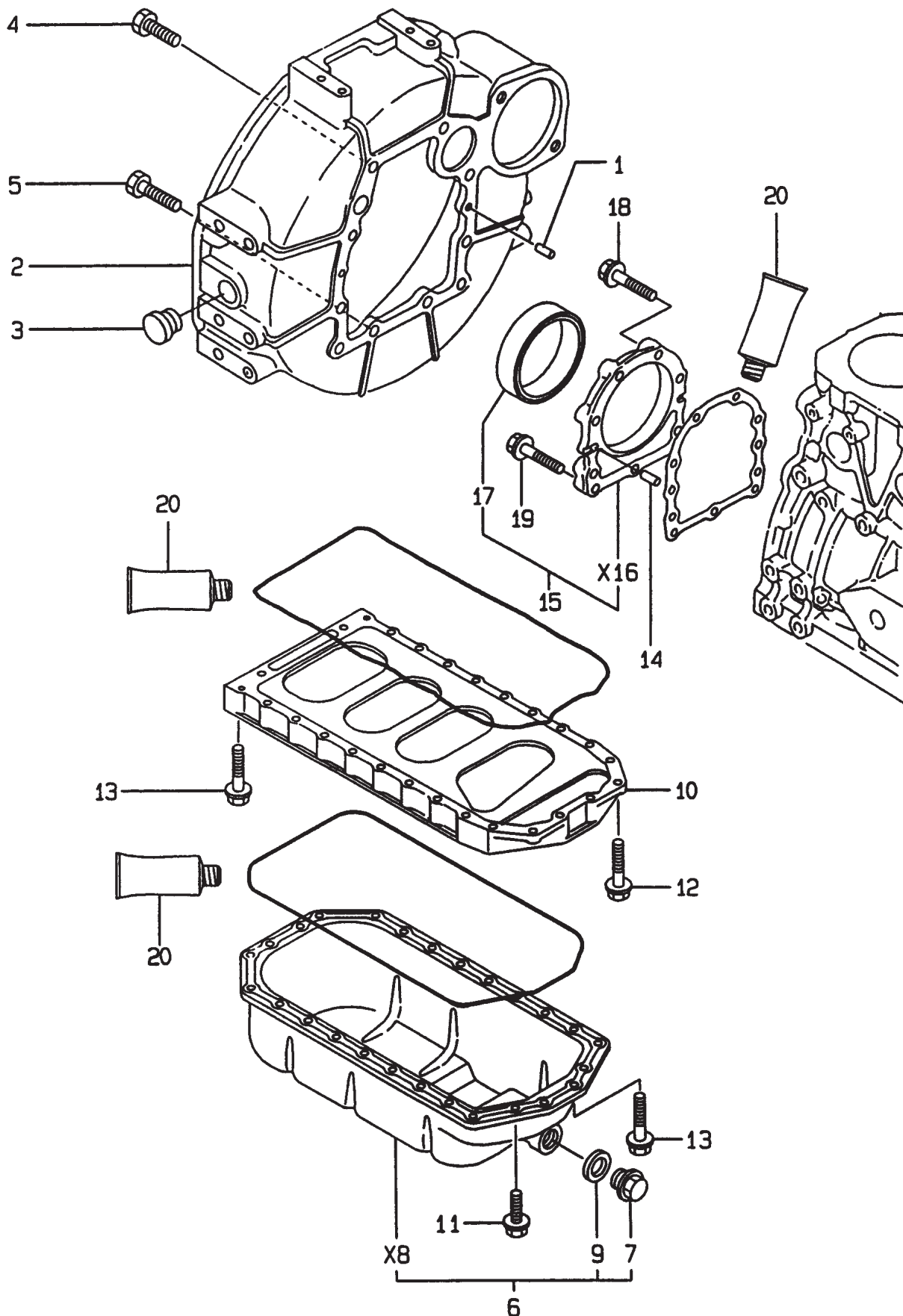
X-MARKED PARTS ARE NOT SOLD SEPARATELY

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-35930	ASSEMBLY/CYLINDER BLOCK	1	-
	425-36005	ASSEMBLY/CYLINDER BLOCK	-	1
2	REF	CYLINDER BLOCK ASSEMBLY	1	1
3	REF	BLOCK/CYLINDER	1	1
4	425-34721	PLUG	2	2
5	425-34721	PLUG	1	1
6	425-34722	PLUG	1	1
7	425-34730	BOLT/METAL CAP	10	10
8	REF	CAP/BEARING	1	1
9	REF	CAP/BEARING	4	4
10	425-34723	PLUG/SCREW 1/8	1	1
11	425-34724	PLUG	1	1
12	425-34725	PLUG	2	2
13	425-34726	PLUG	8	8
14	425-34732	BUSH/CAMSHAFT	1	1
15	REF	BEARING/MAIN	5	5
16	REF	BEARING/CRANK/UPPER	5	5
17	REF	BEARING/CRANK/LOWER	5	5
18	425-34731	METAL/THRUST	2	2
19	REF	BEARING/THRUST/LOWER	2	2
20	REF	BEARING/THRUST/UPPER	2	2
21	425-34728	PLUG/SCREW 3/8	1	1
22	425-34727	GASKET/ROUND	4	4
23	425-34729	BOLT/PLATED M8 X 12 MM	4	4
24	425-35931	SET/MAIN BEARING	5	5
25	REF	BEARING/CRANK/UPPER	5	5
26	REF	BEARING/CRANK/LOWER	5	5
27	425-34638	STUD/CYLINDER HEAD	18	18
28	425-35929	GASKET/CYLINDER HEAD	1	-
	425-36006	GASKET/CYLINDER HEAD	-	1
29	425-34734	METAL/MAIN	5	5
30	REF	UPPER/MAIN BEARING	5	5
31	REF	LOWER/MAIN BEARING	5	5
32	425-34735	METAL/THRUST	2	2
33	REF	LOWER/THRUST BEARING	2	2
34	REF	UPPER/THRUST BEARING	2	2
35	425-34733	BOLT/PLATED M8 X 16 MM	2	2



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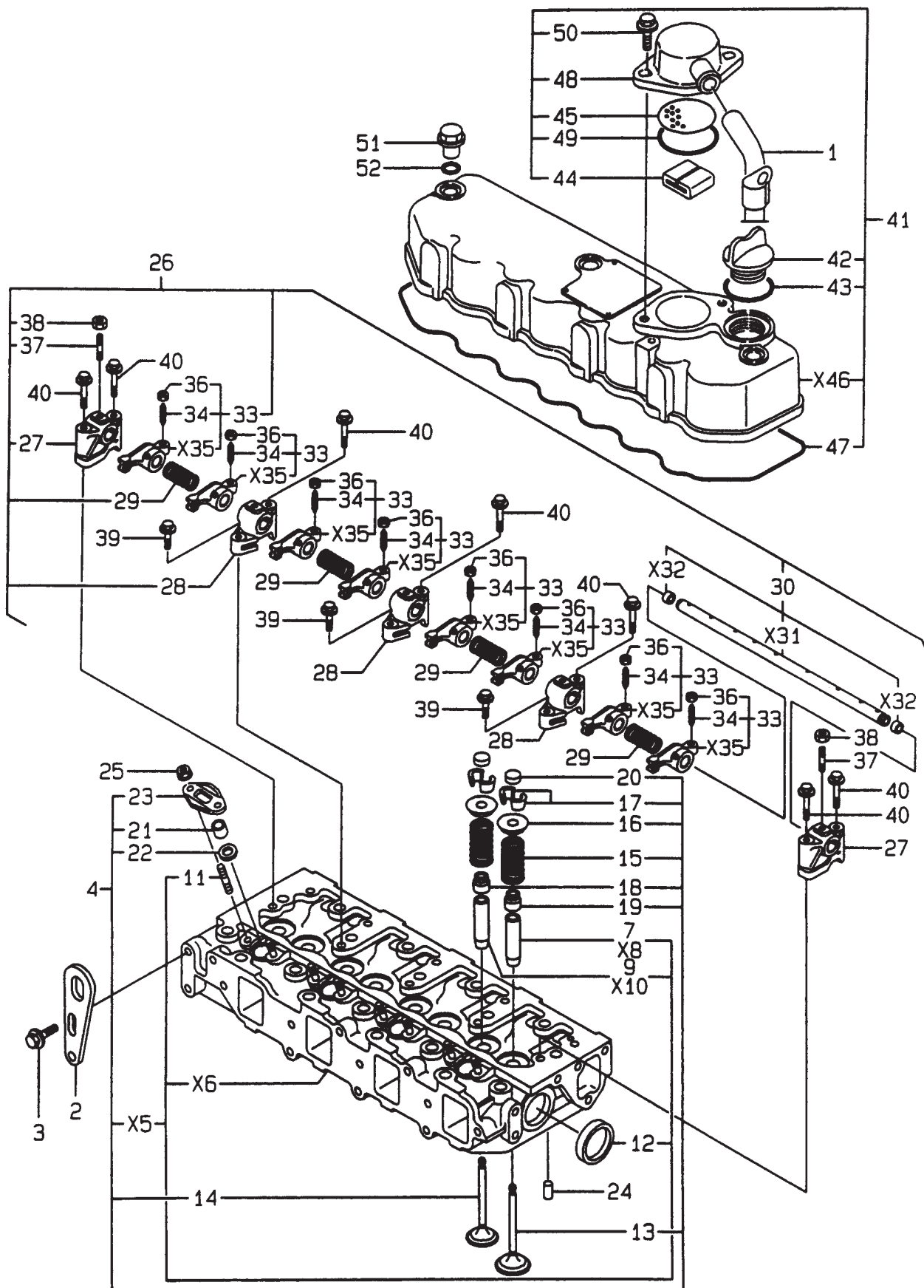
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-34738	FLANGE/GEAR HOUSING	1	1
2	425-34739	STUD M8 X 22 MM	3	3
3	425-34737	HOUSING/GEAR	1	1
4	REF	HOUSING/GEAR	1	1
5	425-34673	SEAL/OIL	1	1
6	425-34740	CAP/OIL SUPPLY	1	1
7	425-34741	COVER/HO-P	1	1
8	425-34742	GASKET	1	1
9	425-34743	PIPE/KNOCK	2	2
10	425-34772	RETAINER	1	1
11	425-34681	O-RING/FUEL INJECTION PUMP	1	1
12	425-34750	WASHER/SEAL	4	4
13	425-34750	WASHER/SEAL	-	1
14	425-34744	O-RING	2	2
15	425-34745	O-RING	1	1
16	425-34729	BOLT/PLATED M8 X 12 MM	4	4
17	425-34733	BOLT/PLATED M8 X 16 MM	1	1
18	425-34733	BOLT/PLATED M8 X 16 MM	3	3
19	425-34746	BOLT/PLATED M8 X 20 MM	2	2
20	425-34747	BOLT/PLATED M8 X 45 MM	6	6
21	425-34748	BOLT/PLATED M8 X 55 MM	3	3
22	425-34749	BOLT/PLATED M8 X 85 MM	4	4
23	425-35206	NUT/M8	3	3
24	425-34751	COVER/BLIND	1	1
25	425-34763	O-RING	1	1
26	425-35164	BOLT/PLATED M6 X 16 MM	2	-
	425-21772	BOLT/PLATED M6 X 12 MM	-	2
27	REF	GASKET/LIQUID	1	1



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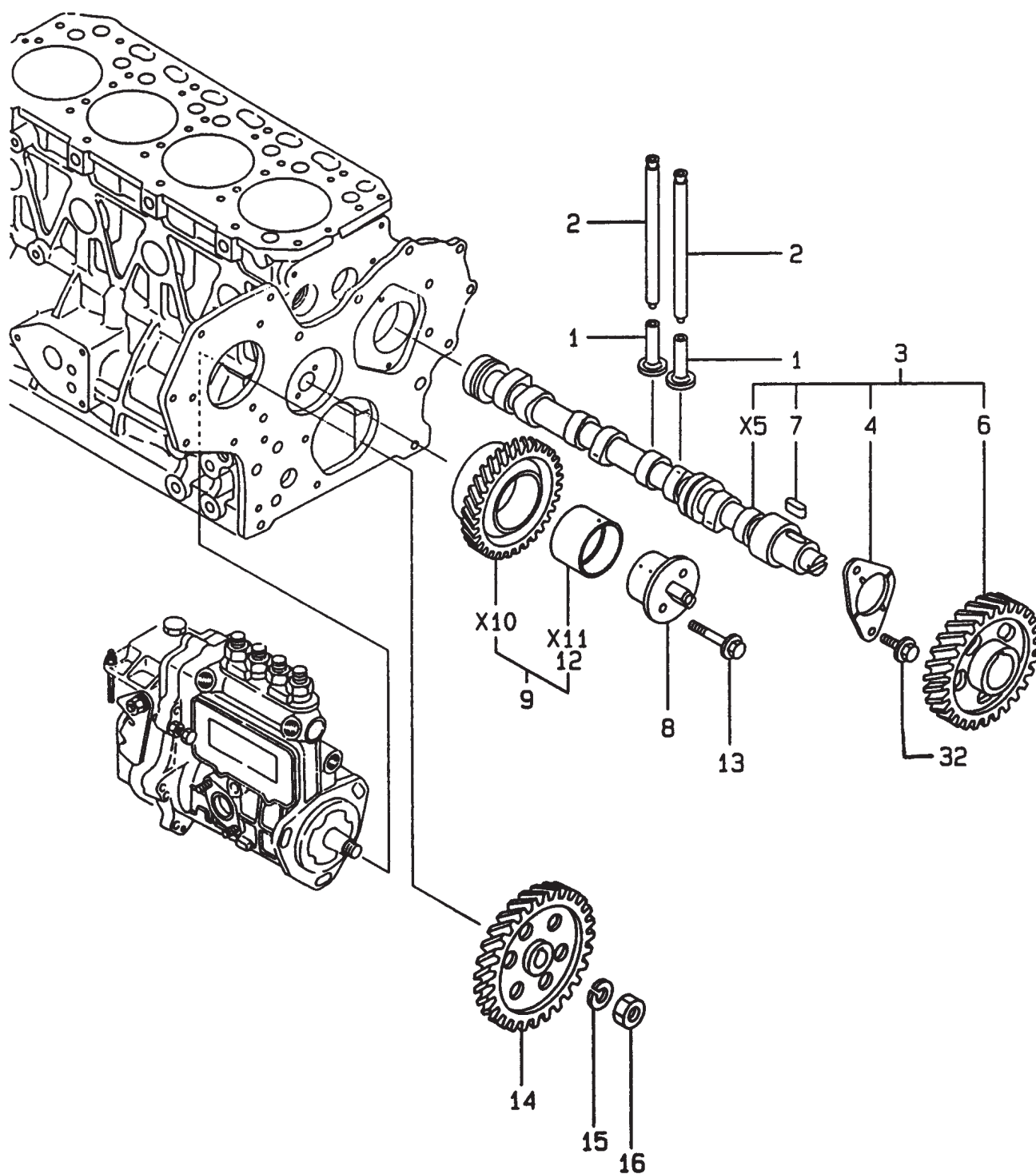
FLYWHEEL HOUSING AND OIL SUMP

Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-34695	PIN/PARALLEL M8 X 16 MM	2
2	425-34754	HOUSING/FLYWHEEL	1
3	425-34756	CAP/FLYWHEEL COVER	1
4	425-32478	BOLT M10 X 25 MM	6
5	310-32407	BOLT M10 X 30 MM	4
6	425-35491	SUMP	1
7	REF	PLUG	2
8	REF	SUMP/LUBRICATION OIL	1
9	REF	WASHER/SEAL	1
10	425-34764	SPACER/OIL SUMP	1
11	425-34733	BOLT/PLATED M8 X 16 MM	4
12	425-34765	BOLT/PLATED M8 X 25 MM	2
13	425-34747	BOLT/PLATED M8 X 45 MM	24
14	425-34695	PIN/PARALLEL M8 X 16 MM	2
15	425-34757	CASE/OIL SEAL	1
16	REF	CASE/OIL SEAL	1
17	425-34759	SEAL/OIL	1
18	425-34760	BOLT/COLLAR M8 X 30 MM	6
19	425-34761	BOLT/PLATED M8 X 35 MM	3
20	REF	GASKET/LIQUID	1



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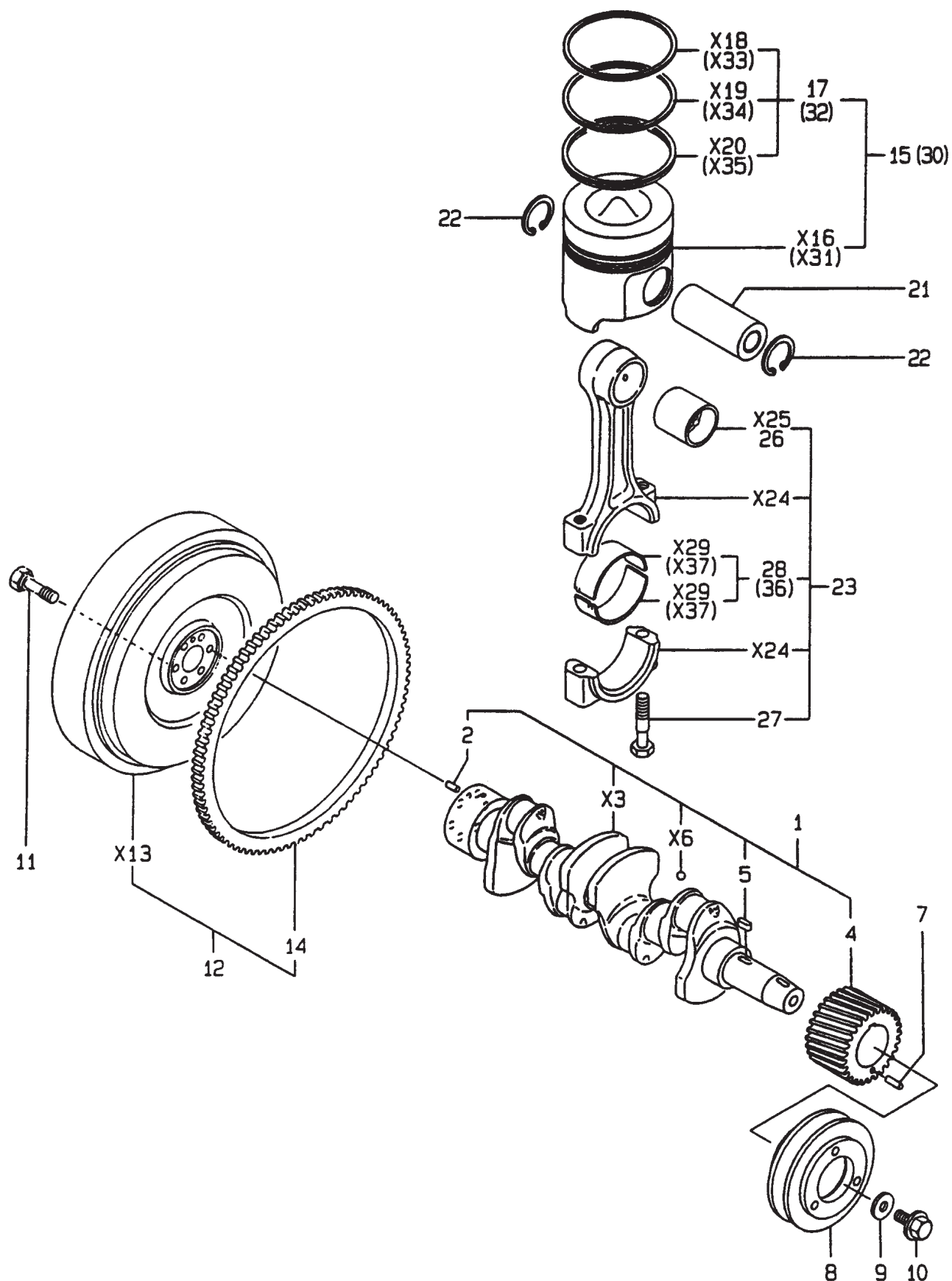
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-34771	PIPE	1	1
2	REF	LIFTER/ENGINE	2	2
3	425-34797	BOLT/PLATE M8 X 14 MM	4	4
4	425-36185	HEAD WITH BUSHING/CYLINDER	1	-
	425-35932	HEAD WITH BUSHING/CYLINDER	-	1
5	REF	HEAD/CYLINDER	1	1
6	REF	CYLINDER HEAD	1	1
7	425-34642	GUIDE/VALVE	4	4
8	REF	GUIDE/INTAKE	4	4
9	425-34641	GUIDE/VALVE	4	4
10	REF	GUIDE/EXHAUST	4	4
11	425-34780	STUD/PLATED M6 X 20 MM	8	8
12	425-34779	PLUG	2	2
13	425-34640	VALVE/INTAKE	4	4
14	425-34639	VALVE/EXHAUST	4	4
15	425-34643	SPRING/VALVE	8	8
16	425-34644	RETAINER/SPRING	8	8
17	425-34646	COTTER	8	8
18	425-34690	SEAL/VALVE STEM	4	4
19	425-34645	SEAL/VALVE STEM	4	4
20	425-34782	CAP/VALVE	8	8
21	425-34647	PROTECTOR/NOZZLE	4	4
22	425-34796	SEAT/NOZZLE	4	4
23	425-34795	RETAINER	4	4
24	425-34783	PIN/SPRING M6 X 12MM	2	2
25	425-34781	NUT/M6	8	8
26	425-34784	SHAFT/ROCKER ARM	1	1
27	425-34787	SUPPORT/ROCKER ARM	2	2
28	425-34788	SUPPORT/ROCKER ARM	3	3
29	425-34789	SPRING	4	4
30	425-34785	SHAFT/ROCKER ARM	1	1
31	REF	SHAFT	1	1
32	REF	PLUG	2	2
33	425-34790	ARM/ROCKER	8	8
34	425-34792	SCREW/VALVE	8	8
35	REF	ARM	8	8
36	425-34791	NUT/M8	8	8
37	425-34793	STUD/PLATED M8 X 18 MM	3	3
38	425-34794	NUT/LOCK PLATED M8	3	3
39	425-34765	BOLT/PLATED M8 X 25 MM	3	3
40	425-34766	BOLT/PLATED M8 X 50 MM	7	7
41	425-34774	BONNET	1	1
42	425-34740	CAP/OIL SUPPLY	1	1
43	425-34745	O-RING	1	1
44	425-34769	BAFFLE/BREATHER	1	1
45	425-34768	PLATE/SHELTER	1	1
46	REF	BONNET	1	1
47	425-34689	GASKET/BONNET	1	1
48	425-34767	COVER/BREATHER	1	1
49	425-34770	O-RING	1	1
50	425-34733	BOLT/PLATED M8 X 16 MM	2	2
51	425-34775	KNOB	3	3
52	425-34776	O-RING	3	3



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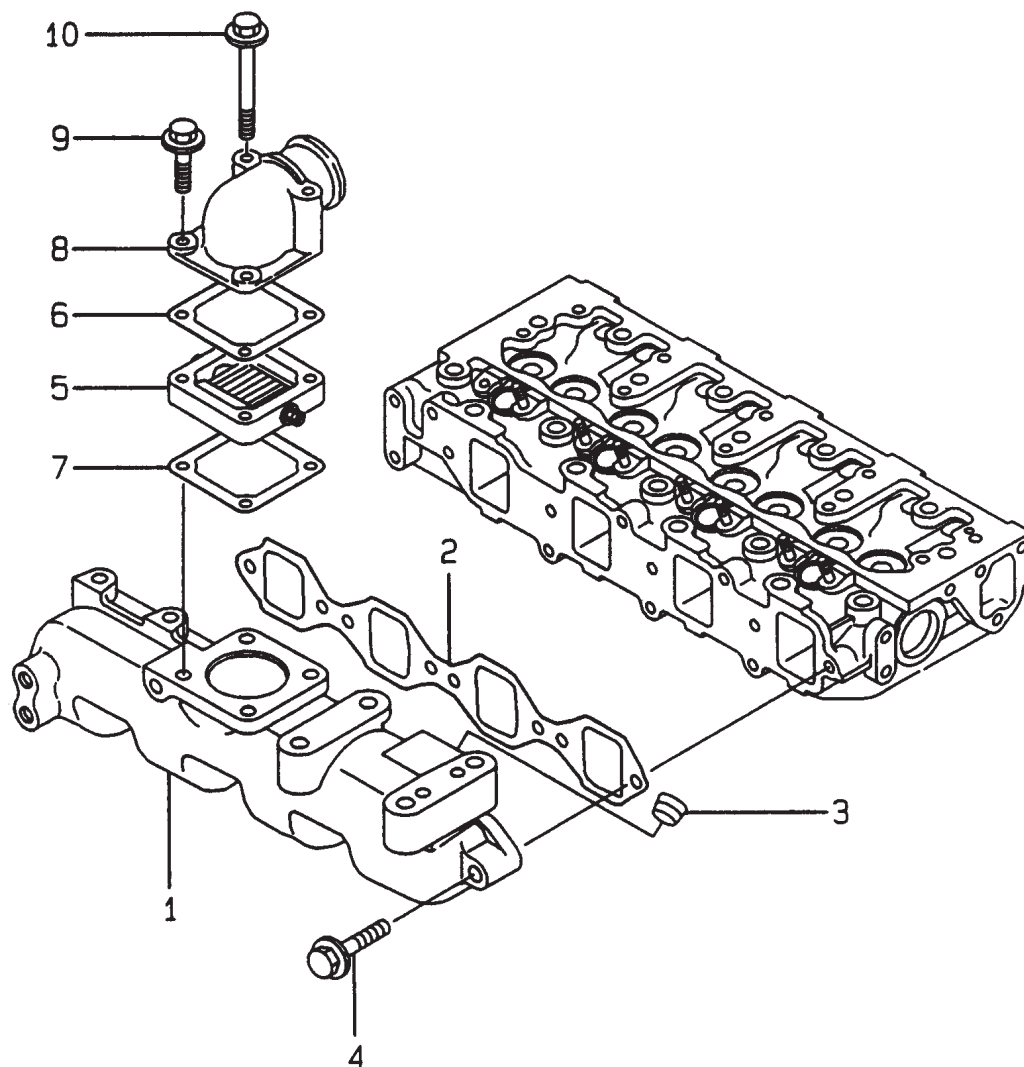
CAMSHAFT AND DRIVING GEAR

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-34808	TAPPET	8	8
2	425-34809	ROD/PUSH	8	8
3	425-34806	CAMSHAFT	1	1
4	425-34656	METAL/THRUST	1	1
5	REF	CAMSHAFT	1	1
6	425-34807	GEAR/CAMSHAFT	1	1
7	425-34810	KEY M7 X 14 MM	1	1
8	425-34811	SHAFT/IDLE GEAR	1	1
9	425-34812	GEAR WITH BUSHING	1	1
10	REF	GEAR/IDLE	1	1
11	REF	BUSHING/IDLE GEAR	1	1
12	425-34813	BUSHING/IDLE GEAR	1	1
13	425-34747	BOLT/PLATED M8 X 45 MM	2	2
14	425-36186	GEAR/FUEL INJECTOR PUMP	1	-
	425-34901	GEAR/FUEL INJECTOR PUMP	-	1
15	425-36187	BOLT/FI-P	4	-
	425-34902	WASHER/SPRING M12	-	1
16	210-32084	NUT/M12	-	1
32	425-34733	BOLT/PLATED M8 X 16 MM	2	2

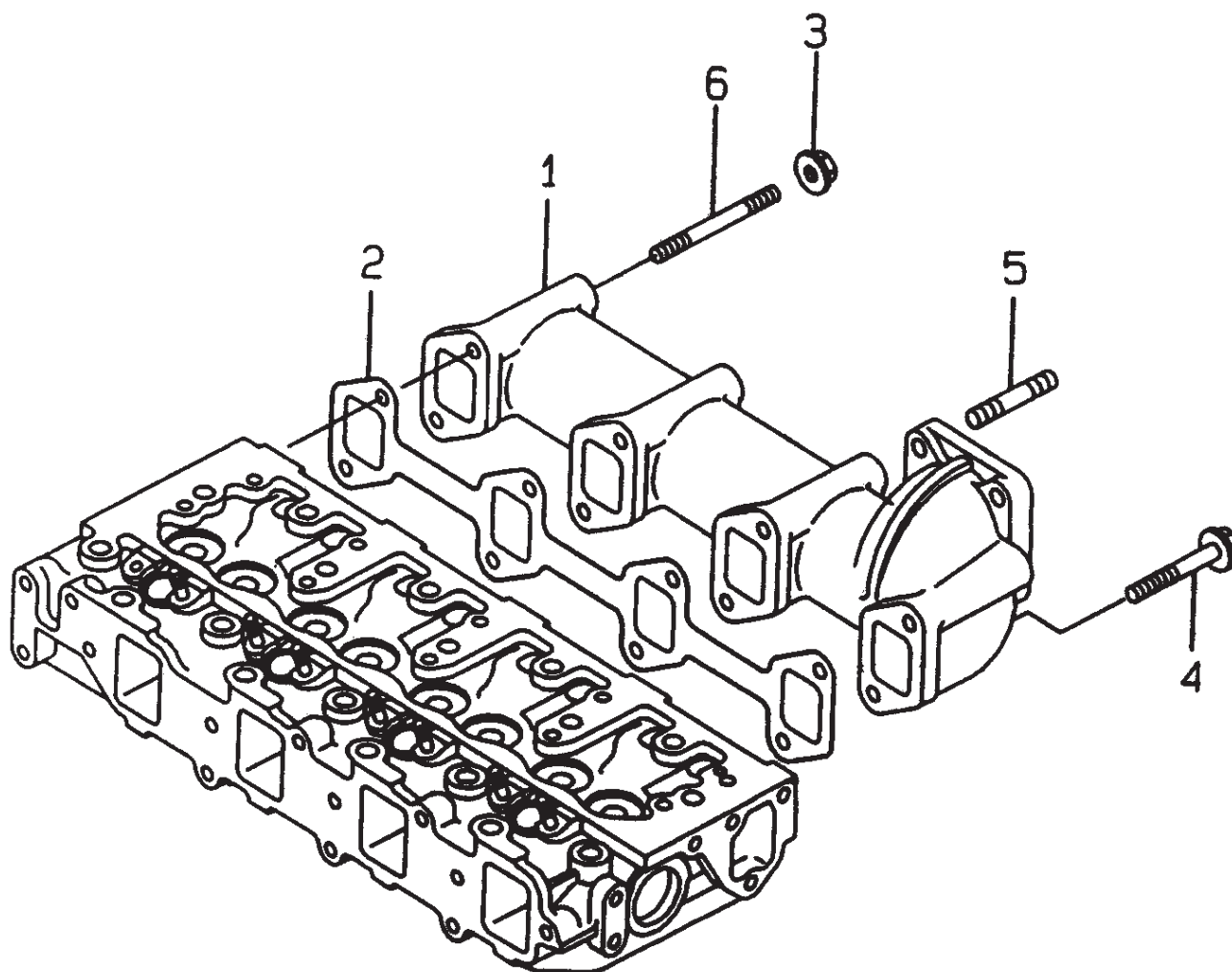


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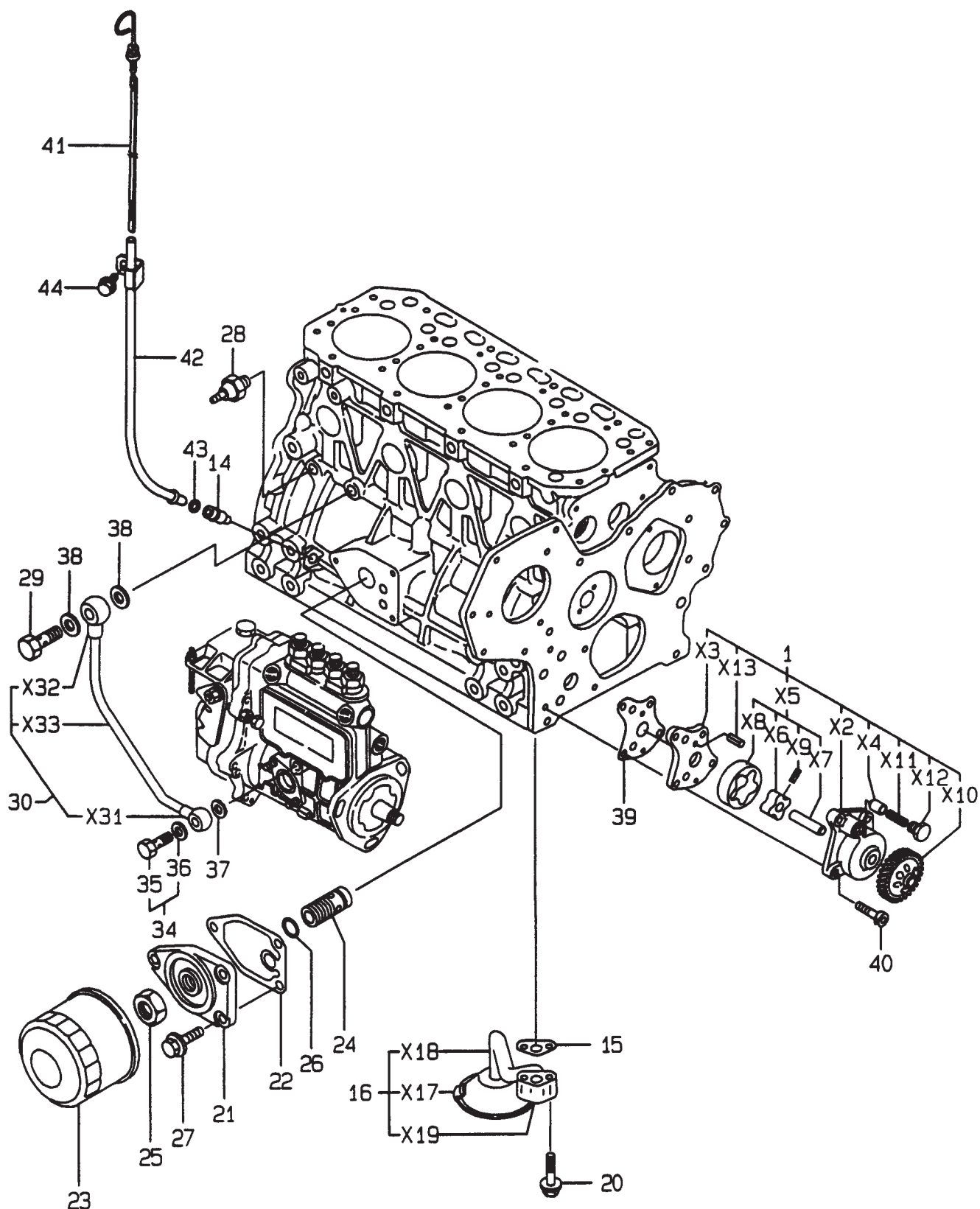
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-35935	CRANKSHAFT	1	1
2	425-34695	PIN /PARALLEL M8 X 16 MM	1	1
3	RE	CRANKSHAFT	1	1
4	425-34814	GEAR/CRANKSHAFT	1	1
5	425-34810	KEY M7 X 14 MM	1	1
6	REF	BALL/STEEL 1/4	4	4
7	425-34815	PIN/SPRING M4 X 10 MM	1	1
8	425-34816	V-PULLEY/CRANKSHAFT	1	1
9	425-34817	WASHER	1	1
10	425-34818	BOLT/V-PULLEY	1	1
11	425-34693	BOLT/FLYWHEEL	6	6
12	425-34819	FLYWHEEL	1	1
13	REF	FLYWHEEL	1	1
14	425-34694	GEAR/RING	1	1
15	425-36188	PISTON WITH RING	4	-
	425-36008	PISTON WITH RING	-	4
16	REF	PISTON	4	4
17	425-35927	RING SET/PISTON	4	-
	425-36007	RING SET/PISTON	-	4
18	REF	RING/TOP	4	4
19	REF	RING/SECOND	4	4
20	REF	RING/OIL	4	4
21	425-35936	PIN/PISTON	4	4
22	425-35937	CIRCLIP	8	8
23	425-34698	ROD/CONNECTING	4	4
24	REF	ROD/CONNECTING	4	4
25	REF	BUSHING/PISTON PIN	4	4
26	425-34699	BUSHING/PISTON PIN	4	4
27	425-34659	BOLT/CONNECTION ROD	8	8
28	425-34660	BEARING/CRANK PIN	4	4
29	REF	BEARING	8	8
30	425-36189	PISTON WITH RING	4	-
	425-36009	PISTON WITH RING	-	4
31	REF	PISTON	4	4
32	425-36190	RING SET/PISTON	4	-
	425-36010	RING SET/PISTON	-	4
33	REF	RING/TOP	4	4
34	REF	RING/SECOND	4	4
35	REF	RING/OIL	4	4
36	425-34822	BEARING/PIN	4	4
37	REF	BEARING	8	8



Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-34798	MANIFOLD/INTAKE	1
2	425-34651	GASKET/NON-ASBESTOS	1
3	425-34728	PLUG/SCREW 3/8	1
4	425-34761	BOLT/PLATED M8 X 35 MM	5
5	425-34802	HEATER/AIR	1
6	425-34803	GASKET/AIR HEATER	1
7	425-34649	GASKET/NON-ASBESTOS	1
8	425-34804	BEND	1
9	425-34805	BOLT/PLATED M8 X 40 MM	2
10	425-34800	BOLT/PLATED M8 X 80 MM	2

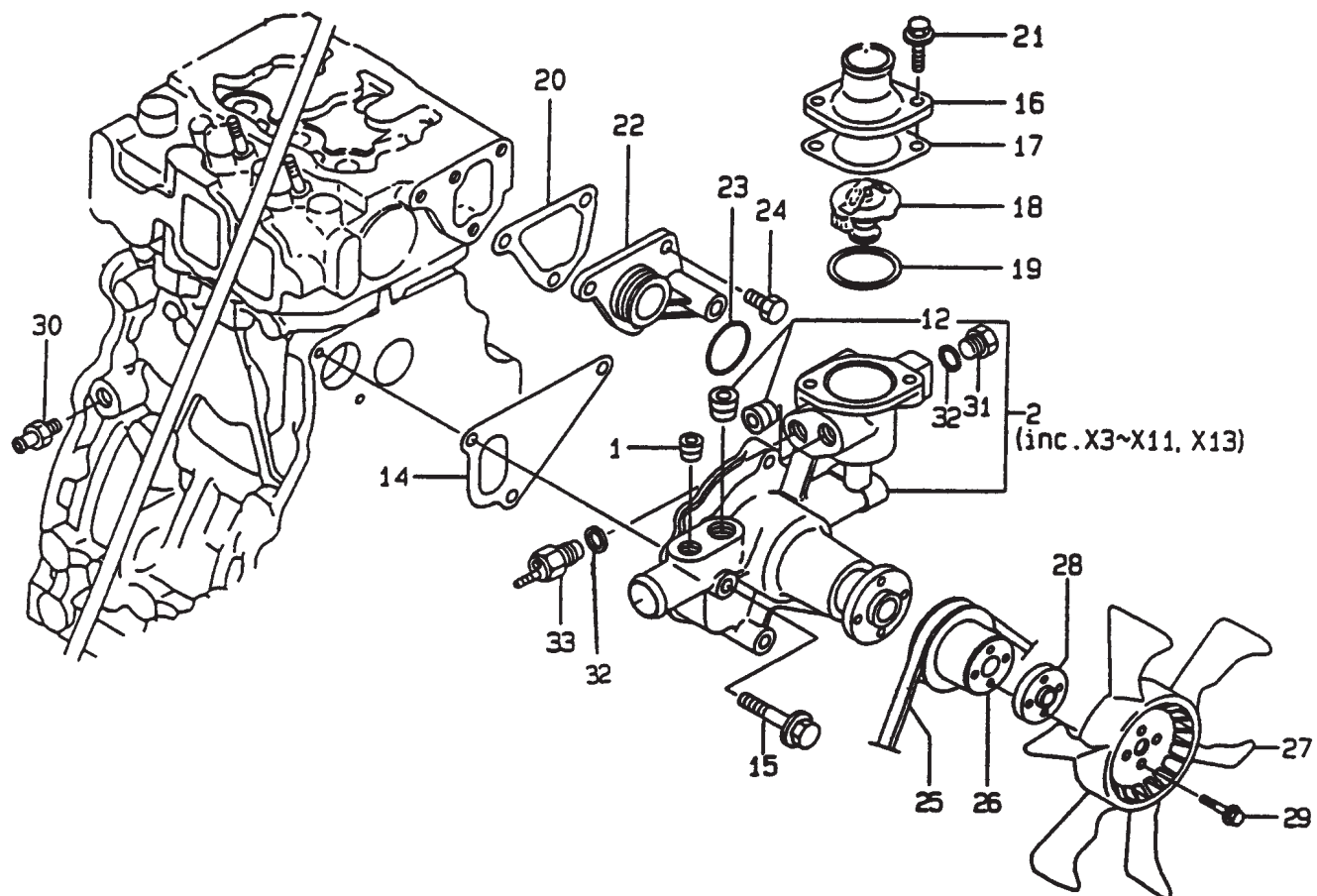


Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-34799	MANIFOLD/EXHAUST	1	1
2	425-34653	GASKET/EXHAUST MANIFOLD	1	1
3	425-35206	NUT/M8	2	-
	425-35163	NUT/M8 WITH WASHER	-	2
4	425-34800	BOLT/PLATED M8 X 80 MM	6	6
5	425-34801	STUD/M8 X 22 MM	4	4
6	425-35437	STUD/PLATED M8 X 80 MM	2	2



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Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-35939	PUMP/LUBRICATION OIL	1	1
2	REF	BODY	1	1
3	REF	PIN M4 X 8 MM	1	1
4	REF	VALVE/RELIEF	1	1
5	REF	ROTOR	1	1
6	REF	ROTOR/INNER	1	1
7	REF	SHAFT/PUMP	1	1
8	REF	ROTOR/OUTER	1	1
9	REF	PIN	1	1
10	REF	GEAR/PUMP	1	1
11	REF	SPRING	1	1
12	REF	PLUG	1	1
13	REF	PIN/SPRING M4 X 8 MM	2	2
14	425-34825	GUIDE/DIPSTICK	1	1
15	425-34828	GASKET/NON-ASBESTOS	1	1
16	425-34829	PIPE/OIL INLET	1	1
17	REF	INLET	1	1
18	REF	PIP	1	1
19	REF	FLANGE	1	1
20	425-34761	BOLT/PLATED M8 X 35 MM	2	2
21	425-34830	BRACKET/STRAINER	1	1
22	425-34831	GASKET/NON-ASBESTOS	1	1
23	425-34635	FILTER/OIL	1	1
24	425-35940	BOLT/STRAINER	1	1
25	425-34833	NUT	1	1
26	425-34744	O-RING	1	1
27	425-34746	BOLT/PLATED M8 X 20 MM	3	3
28	425-34684	SWITCH/OIL PRESSURE	1	1
29	425-34835	BOLT/PIPE JOINT	1	1
30	425-34834	PIPE/LUBRICATING OIL	1	1
31	REF	JOINT	1	1
32	REF	JOINT	1	1
33	REF	PIPE	1	1
34	425-36191	BOLT WITH SEAL WASHER	1	1
35	425-34836	BOLT/PIPE JOINT	1	1
36	425-36192	WASHER/SEAL	1	-
	425-34727	WASHER/SEAL	-	1
37	425-36192	WASHER/SEAL	1	-
	425-34727	WASHER/SEAL	-	1
38	425-34837	GASKET/ROUND	1	1
39	425-34701	GASKET/PUMP	1	1
40	425-34823	BOLT M6 X 25 MM	4	4
41	425-34824	DIPSTICK	1	1
42	425-34826	GUIDE/DIPSTICK	1	-
	425-35941	GUIDE/DIPSTICK	-	1
43	425-34827	O-RING	1	1
44	425-34733	BOLT/PLATED M8 X 16 MM	1	1



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Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-34777	PLUG	1
2	425-35977	PUMP/WATER	1
3	REF	BODY/WATER PUMP	1
4	REF	GASKET	1
5	REF	PLATE	1
6	REF	IMPELLER	1
7	REF	SHAFT WITH BEARING	1
8	REF	SEAT/PULLEY	1
9	REF	SEAL/MECHANICAL	1
10	REF	PLUG/SCREW 3/8	1
11	REF	SCREW M6 X 15 MM	3
12	425-34728	PLUG/SCREW 3/8	2
13	REF	PLUG/SCREW 1/4	1
14	425-34703	GASKET/WATER PUMP	1
15	425-34838	BOLT/PLATED M8 X 60 MM	3
16	425-35942	COVER/THERMOSTAT	1
17	425-34704	GASKET/NON-ASBESTOS	1
18	425-36018	THERMOSTAT	1
19	425-34705	GASKET/NON-ASBESTOS	1
20	425-34849	GASKET	1
21	425-34746	BOLT/PLATED M8 X 20 MM	2
22	425-35943	JOINT	1
23	425-35944	O-RING	1
24	425-34733	BOLT/PLATED M8 X 16 MM	3
25	425-34688	V-BELT	1
26	425-34839	V-PULLEY/WATER PUMP	1
27	184885B	FAN/COOLING	1
	420-34940A	FAN/COOLING	1
28	425-34842	SPACER	1
29	425-35450	BOLT M6 X 25 MM	4
30	425-36264	ASSEMBLY/DRAIN COCK	1
31	425-34851	PLUG	1
32	425-34707	GASKET	2
33	425-34683	SWITCH/WATER TEMPERATURE	1

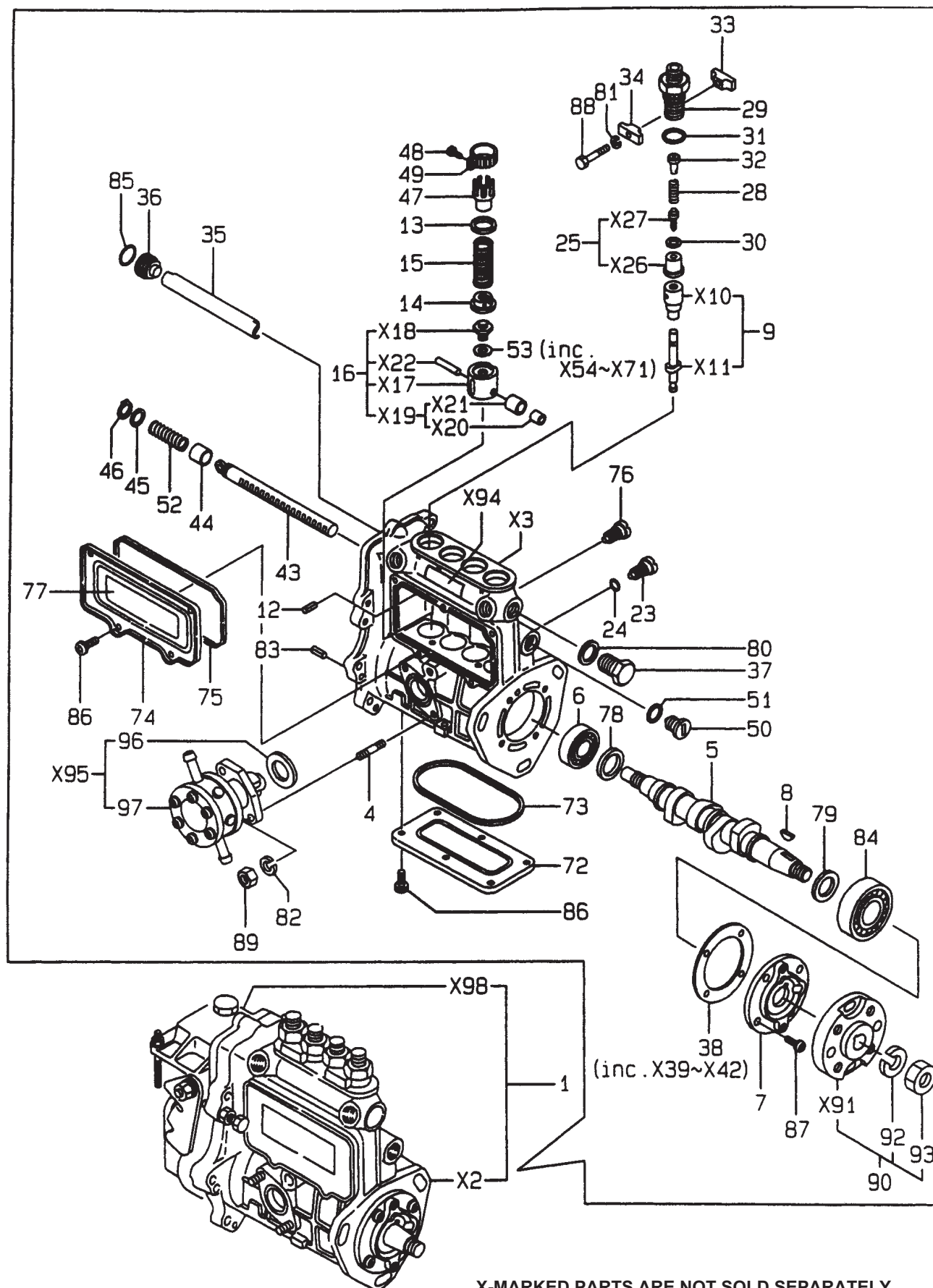
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B) 2044: SN P3142 AND UP. 2054: SN Q5403 AND UP



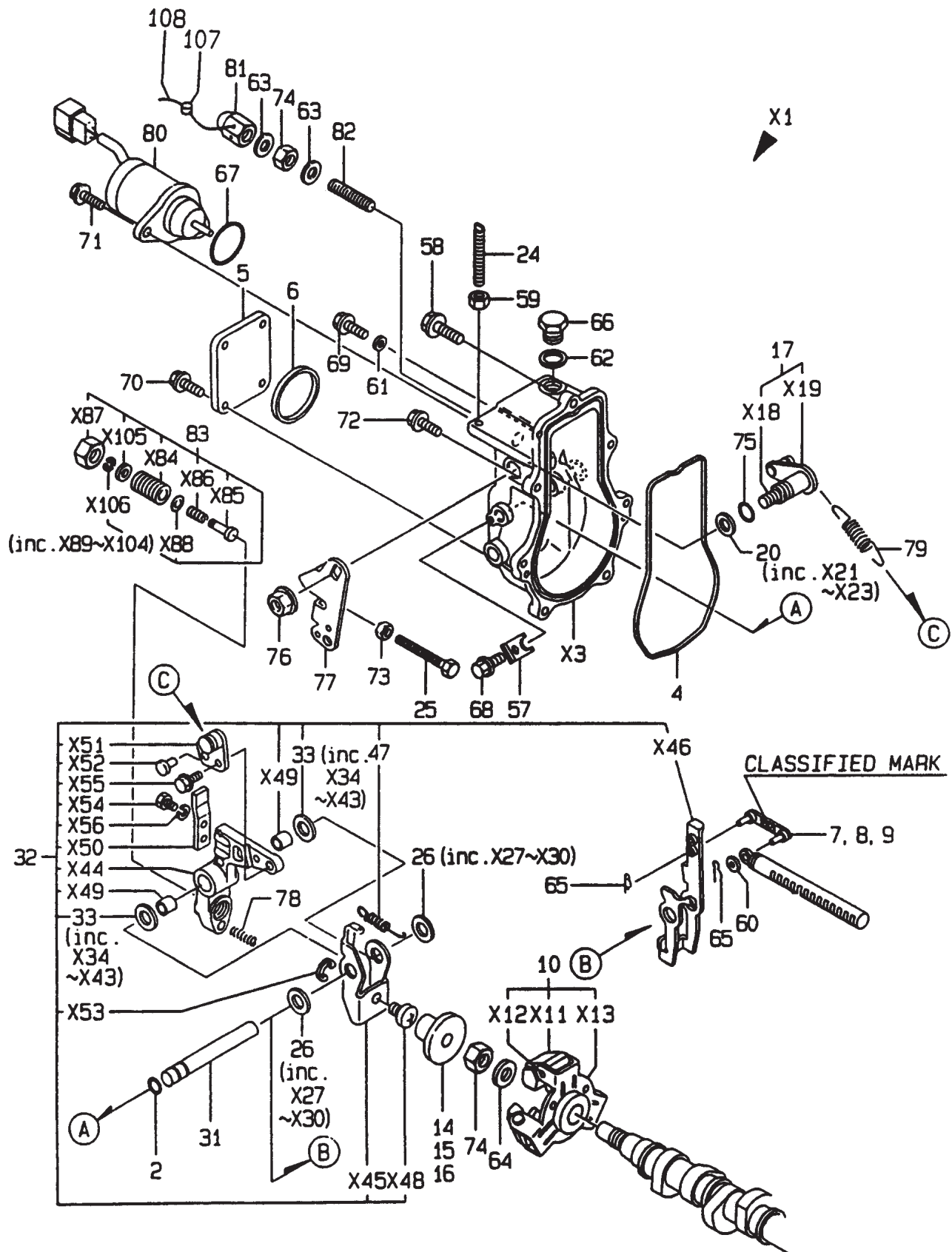
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-36193	PUMP/FUEL INJECTION	1	-
	425-36011	PUMP/FUEL INJECTION	-	1
2	REF	PUMP/FUEL INJECTION	1	1
3	REF	BODY/FUEL INJECTION PUMP	1	1
4	425-35465	STUD/FEED PUMP	2	2
5	425-36194	CAMSHAFT	1	-
	425-34856	CAMSHAFT	-	1
6	425-34857	BALL BEARING/THRUST	1	1
7	425-36195	SUPPORT/CAMSHAFT	1	-
	425-34858	SUPPORT/CAMSHAFT	-	1
8	425-34859	KEY	1	1
9	425-35947	PLUNGER WITH BARREL	4	4
10	REF	BARREL	4	4
11	REF	PLUNGER	4	4
12	425-34860	PIN/LOCKING BARREL	4	4
13	425-34861	RETAINER	4	4
14	425-34862	SPRING SHOE/PLUNGER	4	4
15	425-34863	SPRING/PLUNGER	4	4
16	425-34864	TAPPET	4	4
17	REF	GUIDE/ROLLER	4	4
18	REF	BOLT/ADJUSTING	4	4
19	REF	ROLLER	4	4
20	REF	ROLLER/INNER	4	4
21	REF	ROLLER	4	4
22	REF	PIN/ROLLER	4	4
23	425-34868	TAPPET/LOCKING	4	4
24	425-34678	O-RING	4	4
25	425-36196	VALVE/DELIVERY	4	-
	425-35948	VALVE/DELIVERY	-	4
26	REF	SEAT	4	4
27	REF	VALVE	4	4
28	425-36197	SPRING/DELIVERY VALVE	4	-
	425-34709	SPRING/DELIVERY VALVE	-	4
29	425-36198	GUARD/DELIVERY VALVE	4	-
	425-34869	GUARD/DELIVERY VALVE	-	4
30	425-34710	GASKET/DELIVERY	4	4
31	425-34677	O-RING/DELIVERY	4	4
32	425-36199	STOPPER/VALVE	4	-
	425-34870	STOPPER/VALVE	-	4
33	425-34871	LOCKING (A)	2	2
34	425-34872	LOCKING (B)	2	2
35	425-34873	DEFLECTOR	1	1
36	425-34874	CHECK BOLT/DEFLECTOR	1	1
37	425-34899	PLUG	1	1
38	425-34875	SHIM SET/ADJUSTING	1	1
39	REF	SHIM	1	1
40	REF	SHIM	1	1
41	REF	SHIM	1	1
42	REF	SHIM	1	1
43	425-34876	RACK/CONTROL	1	1
44	425-34877	BUSHING/RACK	1	1
45	425-34878	SPACER/AUXILIARY SPRING	1	1
46	425-34711	CIRCLIP	1	1
47	425-34879	PINION/CONTROL	4	4
48	425-34880	SCREW/PINION	4	4
49	425-34881	PINION	4	4
50	425-34882	PLUG	1	1
51	425-34680	O-RING	1	1
52	425-34883	SPRING/RACK	1	1
53	425-34884	PACK/SHIM	4	4
54-71	REF	SHIM	4	4

Parts List Continued On Next Page



(Continued from previous page)

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
72	425-34885	COVER	1	1
73	425-34712	GASKET	1	1
74	425-34886	COVER/SIDE	1	1
75	425-34887	GASKET	1	1
76	425-34888	RACK/LOCKING	1	1
77	REF	LABEL/CAUTION	1	1
78	425-34889	SPACER	1	1
79	425-34890	SPACER	1	1
80	425-35949	WASHER/SEAL	1	1
81	425-34968	WASHER/SPRING	2	2
82	425-34891	WASHER/SPRING	2	2
83	425-34892	PIN/SPRING M5 X 10 MM	2	2
84	425-34893	BEARING/BALL	1	1
85	425-34894	O-RING	1	1
86	425-34897	SCREW M5 X 10 MM	11	11
87	425-34898	SCREW/M6 X 16 MM	4	4
88	425-34895	BOLT/PLATED M5 X 30 MM	2	2
89	656047	NUT M6	2	2
90	425-36200	FLANGE	1	1
91	REF	FLANGE	1	1
92	425-34902	WASHER/SPRING	1	1
93	210-32084	NUT M12	1	1
94	REF	LABEL/ENGINE MODEL	1	1
95	REF	PUMP/FUEL	1	1
96	425-34714	GASKET	1	1
97	425-34713	PUMP/FUEL FEED	1	1
98	REF	GOVERNOR	1	1



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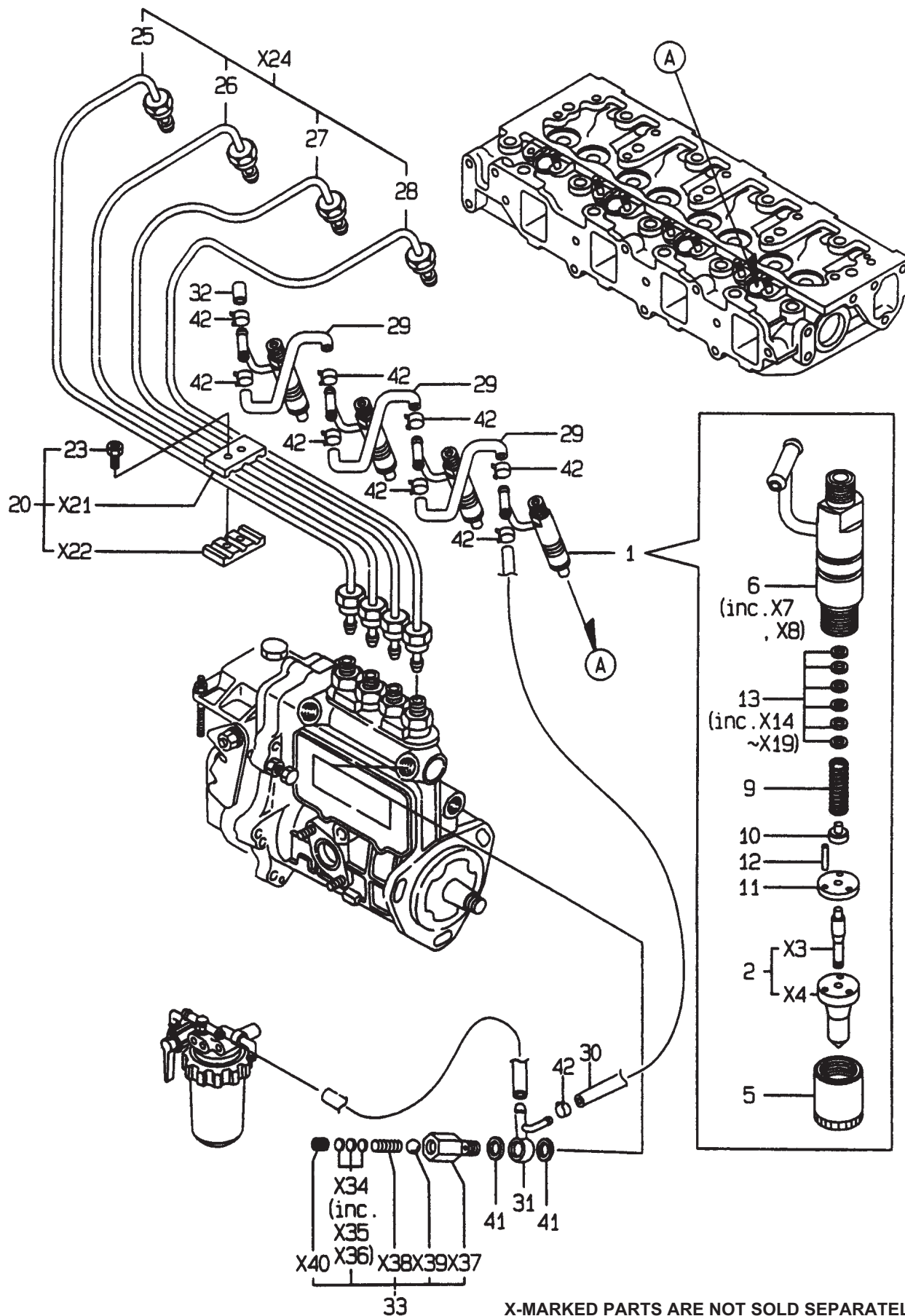
Ref. No.	Part No.	Description	Quantity 2044/2054
1	REF	GOVERNOR	1
2	425-34678	O-RING	1
3	REF	CASE/GOVERNOR	1
4	425-35950	PACKING	1
5	425-35951	COVER	1
6	425-35952	PACKING	1
7	425-34941	LINK	1
8	425-34942	LINK	1
9	425-34943	LINK	1
10	425-34948	WEIGHT/GOVERNOR	1
11	REF	WEIGHT	3
12	REF	PIN/GOVERNOR WEIGHT	3
13	REF	SUPPORT/GOVERNOR WEIGHT	1
14	425-34949	SLEEVE	1
15	425-35953	SLEEVE	1
16	425-35954	SLEEVE	1
17	425-34950	SHAFT/CONTROL	1
18	REF	SHAFT	1
19	REF	HOOK	1
20	425-34951	SPACER/SHAFT	1
21	REF	SPACER	1
22	REF	SPACER	1
23	REF	SPACER	1
24	425-34954	BOLT/REVOLUTION LIMIT	1
25	425-34981	BOLT/IDLE LIMIT	1
26	425-34955	SPACER	2
27	REF	SPACER	2
28	REF	SPACER	2
29	REF	SPACER	2
30	REF	SPACER	2
31	425-36001	SHAFT/GOVERNOR LEVER	1
32	425-35955	LEVER/GOVERNOR	1
33	425-35347	SET/SHIM	2
34-43	REF	SHIM	2
44	REF	LEVER	1
45	REF	LEVER A/GOVERNOR	1
46	REF	LEVER B	1
47	425-35956	SPRING	1
48	REF	SHIFTER	1
49	REF	BUSHING	2
50	REF	FITTING	1
51	REF	HOOK/TENSION LEVER	1
52	REF	PIN	1
53	REF	CIRCLIP	1
54	REF	BOLT/PLATED M5 X 10 MM	2
55	REF	BOLT/PLATED M6 X 10 MM	1
56	REF	SPRING/WASHER M5	2
57	425-35352	RETAINER/SHAFT	1
58	425-34964	BOLT/WASHER	1
59	425-34965	NUT/LOCK M6	1
60	425-34966	WASHER M4	1
61	425-35957	WASHER/SEAL	1
62	425-35958	WASHER/SEAL	1
63	425-35959	WASHER/SEAL	2
64	425-34971	WASHER M12	1
65	425-35960	PIN/SNAP M4	2

Parts List Continued On Next Page

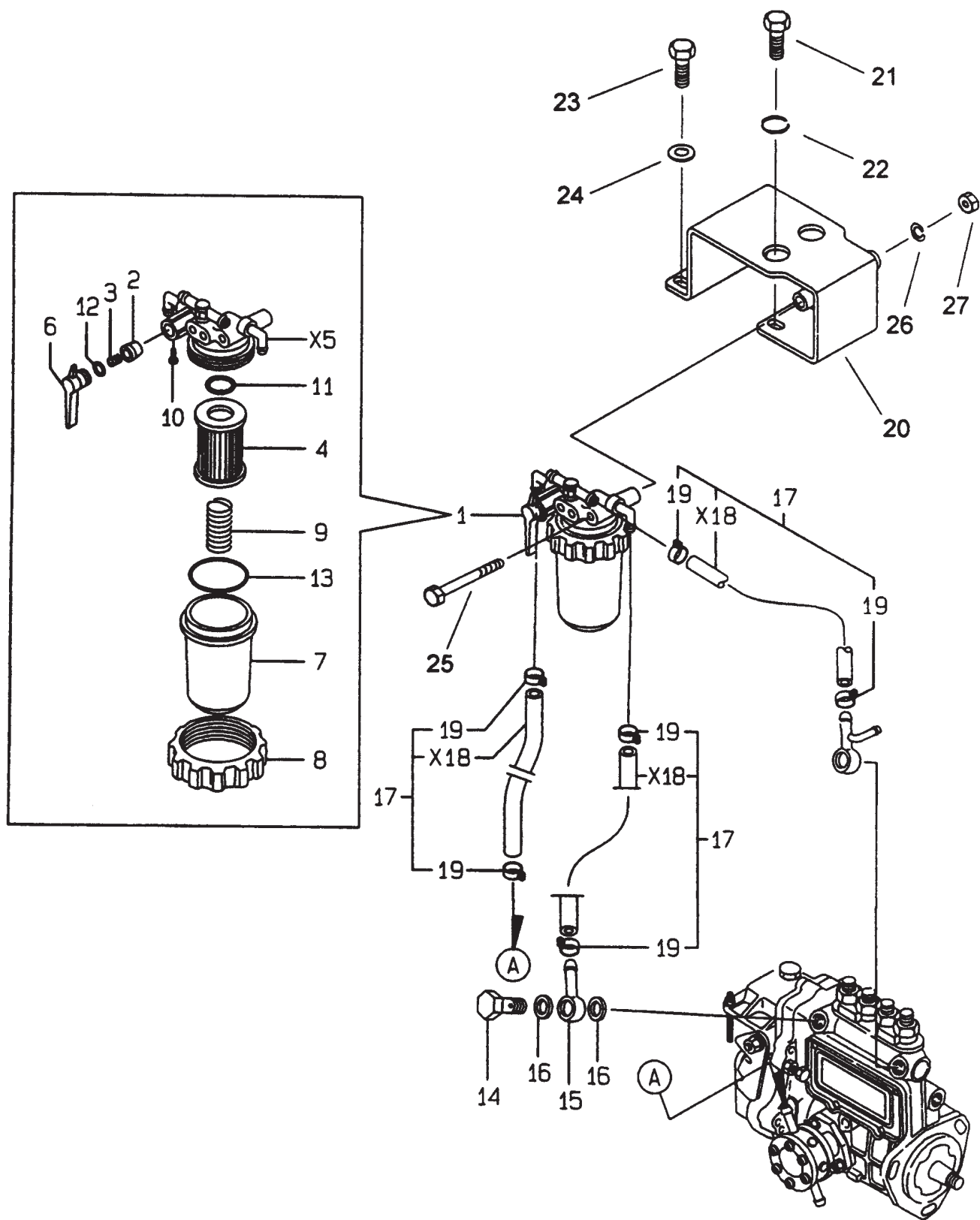


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Ref. No.	Part No.	Description	Quantity 2044/2054
66	425-34975	PLUG	1
67	425-35961	O-RING	1
68	425-35263	BOLT/PLATED M6 X 10 MM	1
69	425-35263	BOLT/PLATED M6 X 10 MM	1
70	425-35263	BOLT/PLATED M6 X 10 MM	4
71	425-35962	BOLT/PLATED M6 X 14 MM	2
72	425-34977	BOLT/PLATED M6 X 20 MM	6
73	425-34984	NUT/LOCK M6	1
74	425-34978	NUT/LOCK M12	2
75	425-34679	O-RING	1
76	425-35206	NUT M8	1
77	425-34952	LEVER/CONTROL	1
78	425-34961	SPRING/FUEL CONTROL	1
79	425-34668	SPRING/GOVERNOR	1
80	425-35925	SOLENOID/STOP	1
81	425-34963	NUT/CAP M12	1
82	425-35964	BOLT/FUEL CONTROL	1
83	425-35965	ASSEMBLY/ANGLEICH	1
84	REF	CASE/ANGLEICH	1
85	REF	SHIFTER/ANGLEICH	1
86	REF	SPRING/ANGLEICH	1
87	REF	NUT	1
88	REF	SET/SHIM	1
89	REF	SHIM/FUEL CONTROL	1
90	REF	SHIM	1
91	REF	SHIM/FUEL CONTROL	1
92-104	REF	SHIM	1
105	REF	WASHER M5	1
106	REF	CIRCLIP	1
107	425-35368	LEAD (2044 MODELS ONLY)	1
108	425-35371	WIRE (2044 MODELS ONLY)	1

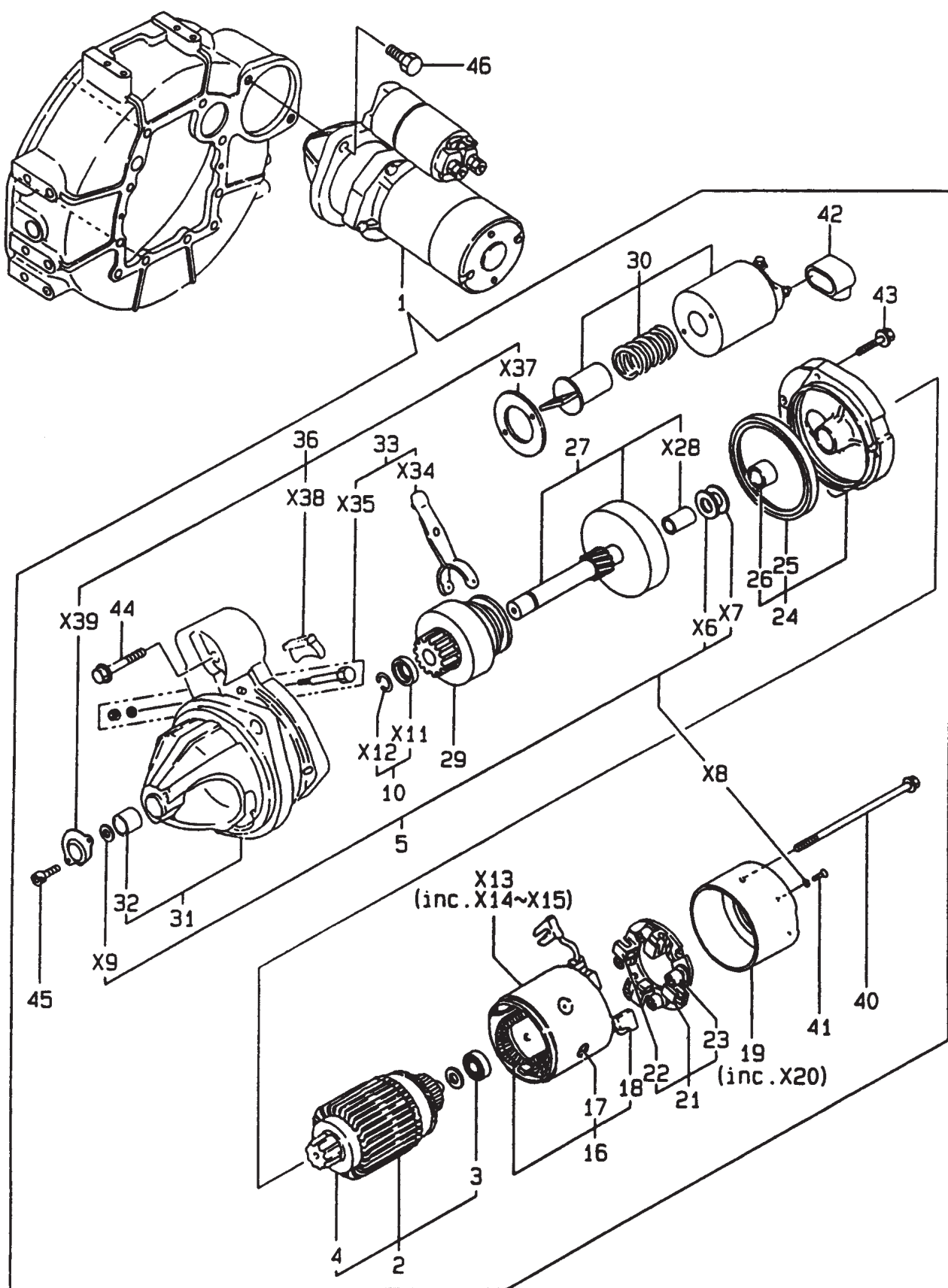


Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-35966	VALVE/FUEL INJECTION	4
2	425-35967	NOZZLE/FUEL INJECTION	4
3	REF	VALVE/NOZZLE	4
4	REF	BODY/NOZZLE	4
5	425-34903	NUT/NOZZLE CASE	4
6	425-34904	HOLDER/NOZZLE	4
7	REF	BODY/NOZZLE HOLDER	4
8	REF	PIPE/FUEL RETURN	4
9	425-34666	SPRING/NOZZLE	4
10	425-34905	SEAT/NOZZLE SPRING	4
11	425-34906	PLATE/STOP	4
12	425-34907	PIN	8
13	425-34667	PACK/SHIM	4
14-19	REF	SHIM	4
20	425-35452	RETAINER/INJECTION PIPE	2
21	REF	CLAMP/UPPER	2
22	REF	CLAMP/LOWER	2
23	425-35305	BOLT/HEX SOCKET M4 X 14 MM	4
24	REF	PIPE #1-4/FUEL INJECTION	1
25	425-34910	PIPE/FUEL INJECTION	1
26	425-34911	PIPE/FUEL INJECTION	1
27	425-34912	PIPE/FUEL INJECTION	1
28	425-34913	PIPE/FUEL INJECTION	1
29	425-34674	PIPE/FUEL	3
30	425-34932	PIPE/FUEL RETURN	1
31	425-34933	JOINT	1
32	425-34929	CAP	1
33	425-34934	VALVE/CHECK	2
34	REF	SET/SHIM	1
35	REF	SHIM	2
36	REF	SHIM	1
37	REF	BODY/CHECK VALVE	1
38	REF	SPRING	1
39	REF	BALL/STEEL 1/4	1
40	REF	PLUG	1
41	425-34935	GASKET/ROUND	2
42	425-34928	CLAMP M8	9



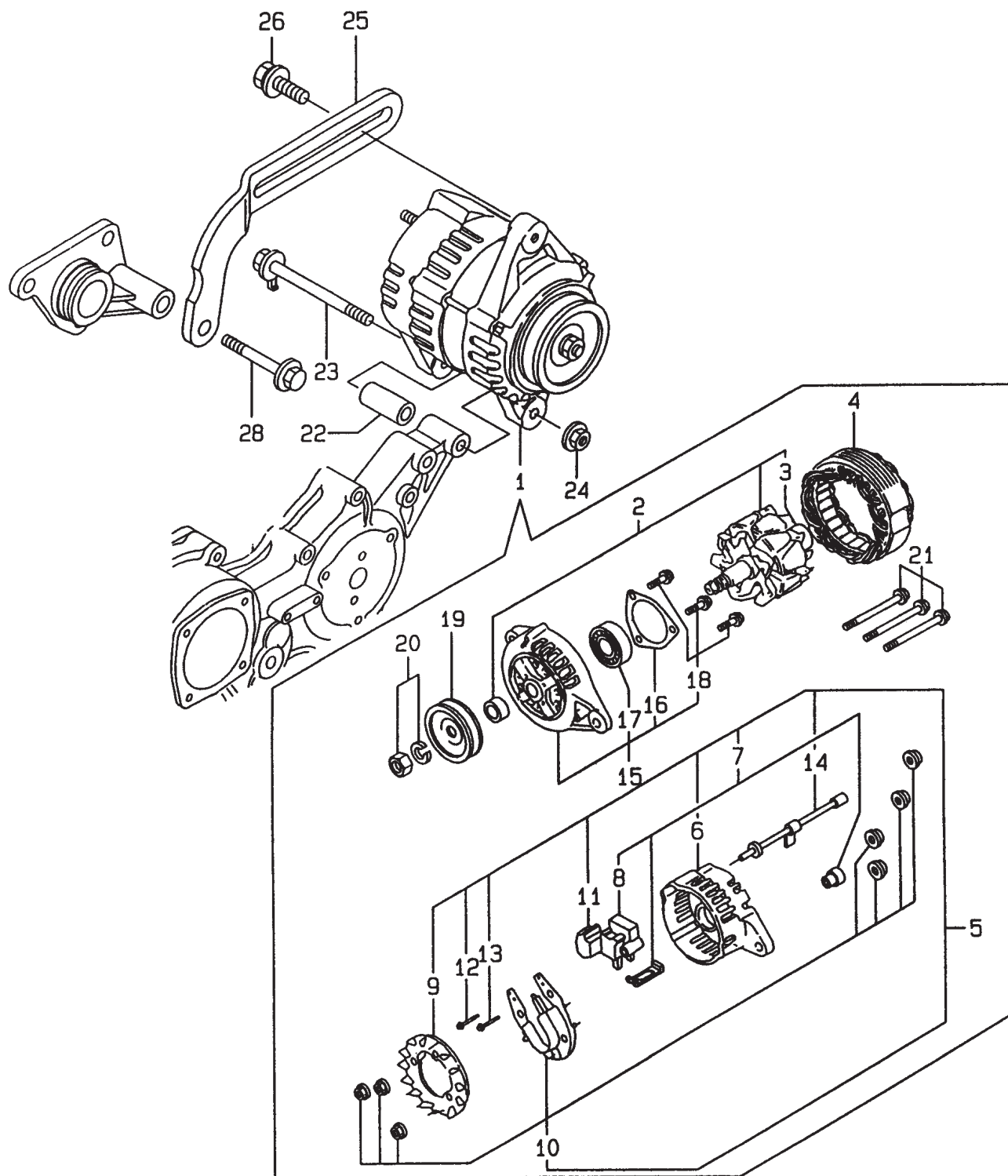
X-MARKED PARTS ARE NOT SOLD SEPARATELY

Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-35973	STRAINER/FUEL	1
2	425-34920	VALVE/TAPER	1
3	425-34921	SPRING/TAPER VALVE	1
4	425-34636	ELEMENT/FUEL	1
5	REF	BODY/STRAINER	1
6	425-34922	LEVER	1
7	425-34923	CUP/STRAINER	1
8	425-34924	RING/RETAINING	1
9	425-34925	SPRING	1
10	425-34926	SCREW M4	1
11	425-34744	O-RING	1
12	425-34827	O-RING	1
13	425-34927	O-RING	1
14	425-34914	BOLT/PIPE JOINT	1
15	425-34915	JOINT/PIPE	1
16	425-35959	WASHER/SEAL	2
17	425-36201	FO-T CMP	3
18	REF	PIPE/FUEL	3
19	425-34916	CLAMP M12	6
20	040-33701	BRACKET/FILTER	1
21	310-32370	SCREW/CAP M8-1.25 X 20 MM	2
22	654004	WASHER/FLAT 5/16	2
23	656006	SCREW/CAP M10-1.50 X 20 MM	2
24	654006	WASHER/FLAT 3/8	2
25	310-32661	SCREW/CAP M8-1.25 X 160 MM	1
26	654024	WASHER/LOCK 5/16	1
27	656048	NUT/HEX M8	1

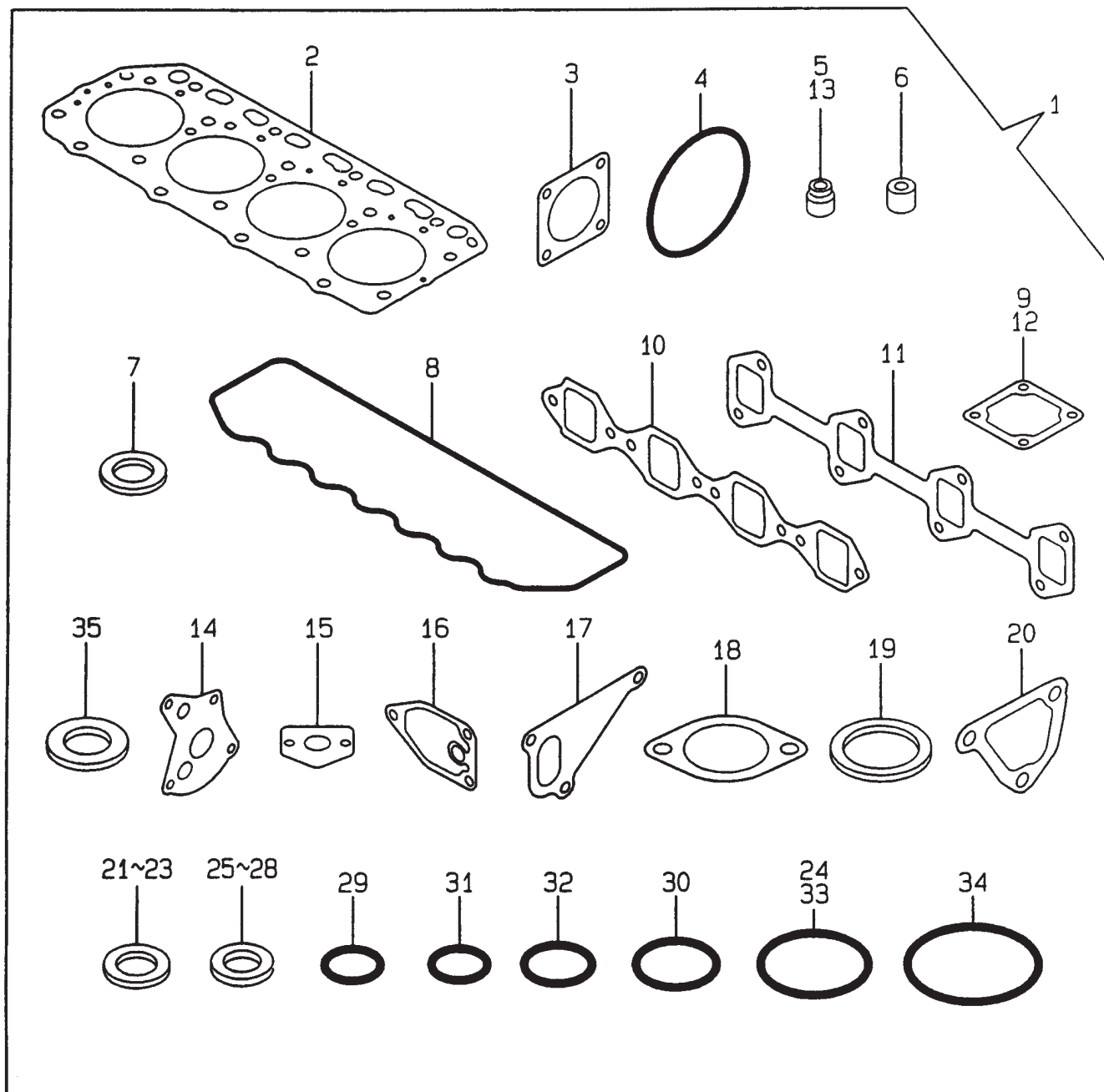


X-MARKED PARTS ARE NOT SOLD SEPARATELY

Ref. No.	Part No.	Description	Quantity 2044/2054
1	425-35508	MOTOR/STARTING	1
2	425-35891	ARMATURE	1
3	425-35892	BEARING/BALL	1
4	425-35893	BEARING/BALL (2)	1
5	425-35894	WASHER KIT/THRUST	1
6-9	REF	WASHER/THRUST	1
10	425-35895	STOPPER KIT/PINION	1
11	REF	STOPPER/PINION	1
12	REF	CLIP/PINION STOPPER	1
13	REF	COIL/FIELD	1
14	REF	COIL/FIELD	1
15	REF	BRUSH	2
16	425-35896	COIL/FIELD	1
17	425-35897	SCREW/POLE CORE	4
18	425-35898	BRUSH	2
19	425-35899	COVER/REAR	1
20	425-35900	BOLT/GROUND	1
21	425-35901	HOLDER	1
22	425-35902	BRUSH	2
23	425-35903	SPRING/BRUSH	4
24	425-35904	BEARING/CENTER	1
25	425-35905	SEAL/OIL	1
26	425-35975	BEARING/NEEDLE	1
27	425-35906	SHAFT/GEAR	1
28	REF	INNER	1
29	425-35907	PINION	1
30	425-35908	SWITCH/MAGNETIC	1
31	425-35909	CASE/GEAR	1
32	425-35910	METAL/GEAR CASE	1
33	425-35911	LEVER SET/SHIFT	1
34	REF	LEVER/SHIFT	1
35	REF	PIN/SHIFT LEVER	1
36	425-35912	SET/DUST COVER	1
37-39	REF	COVER	1
40	425-35913	BOLT/THROUGH	2
41	425-35915	SCREW M4	2
42	425-35916	COVER/TERMINAL	1
43	425-35165	BOLT/PLATED M6 X 30 MM	3
44	425-35176	BOLT/PLATED M6 X 45 MM	2
45	425-35914	BOLT M5 X 12 MM	2
46	425-35000	BOLT/PLATED M12 X 25 MM	2



Ref. No.	Part No.	Description	Quantity 2044/2054
1	162391	ALTERNATOR	1
2	425-35774	ROTOR	1
3	425-35775	BEARING/BALL	1
4	425-35776	STARTER	1
5	425-35777	COVER/REAR	1
6	425-35778	COVER/REAR	1
7	425-35779	REGULATOR/BRUSH	1
8	425-35780	BRUSH	1
9	425-35781	GUIDE/FAN SIDE	1
10	425-35782	DIODE	1
11	425-35783	CONDENSER	1
12	425-35784	BOLT	1
13	425-35785	BOLT	1
14	425-35786	WIRE/LEAD	1
15	425-35787	COVER/FRONT	1
16	425-35788	RETAINER/BEARING	1
17	425-35789	BEARING/BALL	1
18	425-35790	SCREW/KIT	1
19	425-35791	PULLEY	1
20	425-35792	NUT/PULLEY	1
21	425-35793	BOLT/THROUGH	3
22	425-35997	SPACER	1
23	425-35998	BOLT M8 X 105 MM	1
24	425-35206	NUT M8	1
25	425-35999	ADJUSTER/V-BELT	1
26	425-35026	BOLT M8 X 25 MM	1
28	425-34766	BOLT/PLATED M8 X 50 MM	1



Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	425-36205	SET/GASKET	1	-
	425-36320	SET/GASKET	-	1
2	425-35929	GASKET/CYLINDER HEAD	1	-
	425-36006	GASKET/CYLINDER HEAD	-	1
3	425-34742	GASKET	1	1
4	425-34681	O-RING/FUEL INJECTION PUMP	1	1
5	425-34645	SEAL/VALVE STEM	4	4
6	425-34647	PROTECTOR/NOZZLE	4	4
7	425-34796	SEAT/NOZZLE	4	4
8	425-34689	GASKET/BONNET	1	1
9	425-34649	GASKET	1	1
10	425-34651	GASKET/INTAKE MANIFOLD	1	1
11	425-34653	GASKET/EXHAUST MANIFOLD	1	1
12	425-34803	GASKET/AIR HEATER	1	1
13	425-34690	SEAL/VALVE STEM	4	4
14	425-34701	GASKET/LUBRICATING OIL PUMP	1	1
15	425-34828	GASKET	1	1
16	425-34831	GASKET	1	1
17	425-34703	GASKET/WATER PUMP	1	1
18	425-34704	GASKET	1	1
19	425-34705	GASKET	1	1
20	425-34849	GASKET/THERMOSTAT CASE	1	1
21	REF	WASHER/SEAL 16S (NOT USED)	1	1
22	425-35959	WASHER/SEAL 12S	2	2
23	425-34750	WASHER/SEAL 8S	7	7
24	425-35944	O-RING G-30	1	1
25	425-34935	GASKET/ROUND 12	2	2
26	425-34837	GASKET/ROUND 10	2	2
27	425-34727	GASKET/ROUND 8	4	-
28	425-34707	GASKET 16	2	2
29	425-34827	O-RING1A P-10A	1	1
30	425-34763	O-RING 1A S-24	1	1
31	425-34776	O-RING 1A P-12	3	3
32	425-34744	O-RING 1A P-16	3	3
33	425-34745	O-RING 1A P-32	2	2
34	425-34770	O-RING 1A S-50	1	1
35	425-34714	GASKET	1	-

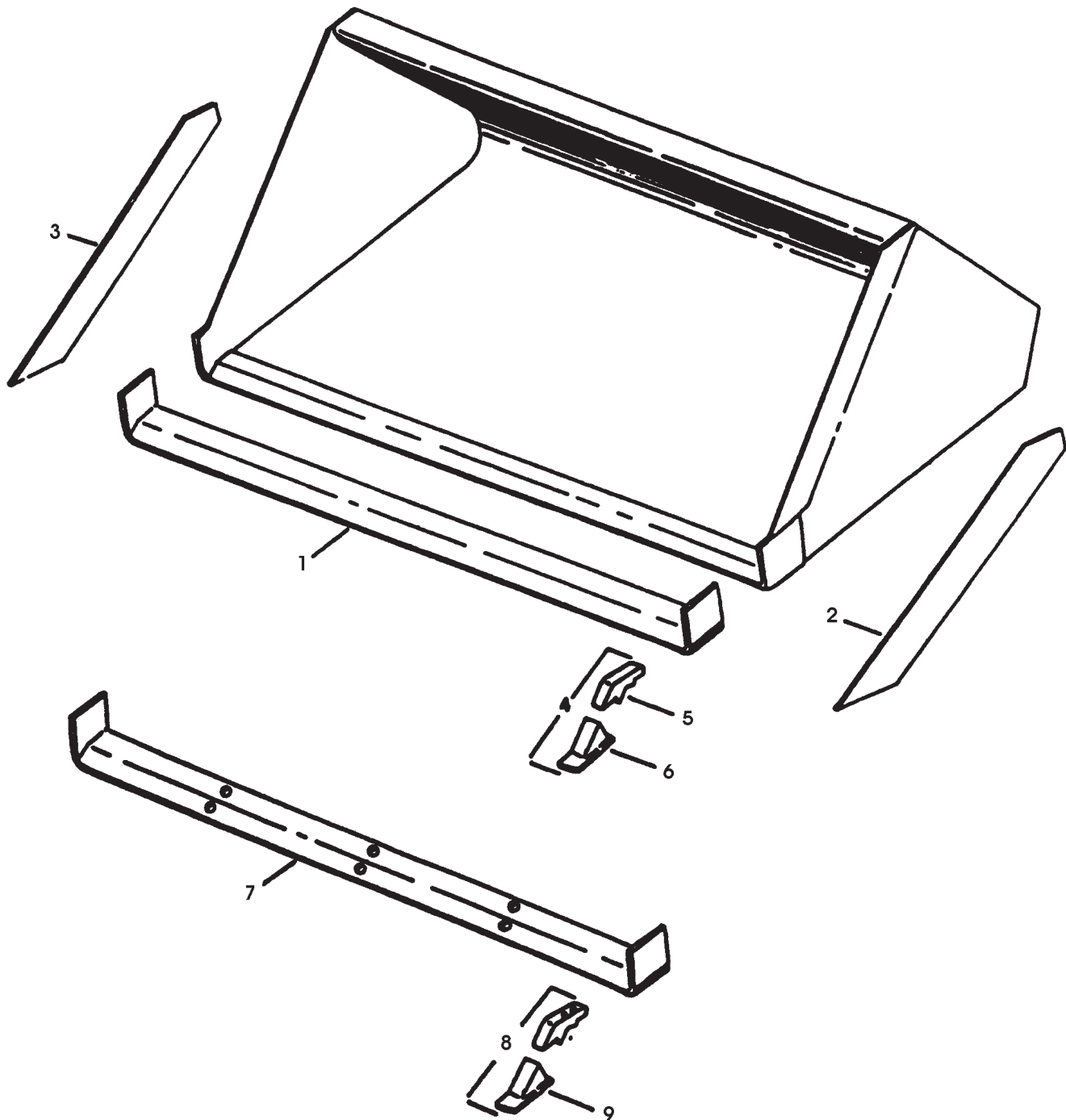
SECTION NOTES

SECTION D: ATTACHMENTS

2044 Construction Buckets	199
2054 Construction Buckets	201
2044/2054 Pallet Forks	203
2044/2054 Utility Fork and Grapple	205
2044/2054 Industrial Grapple Bucket - Single-Pin and Two-Pin	207

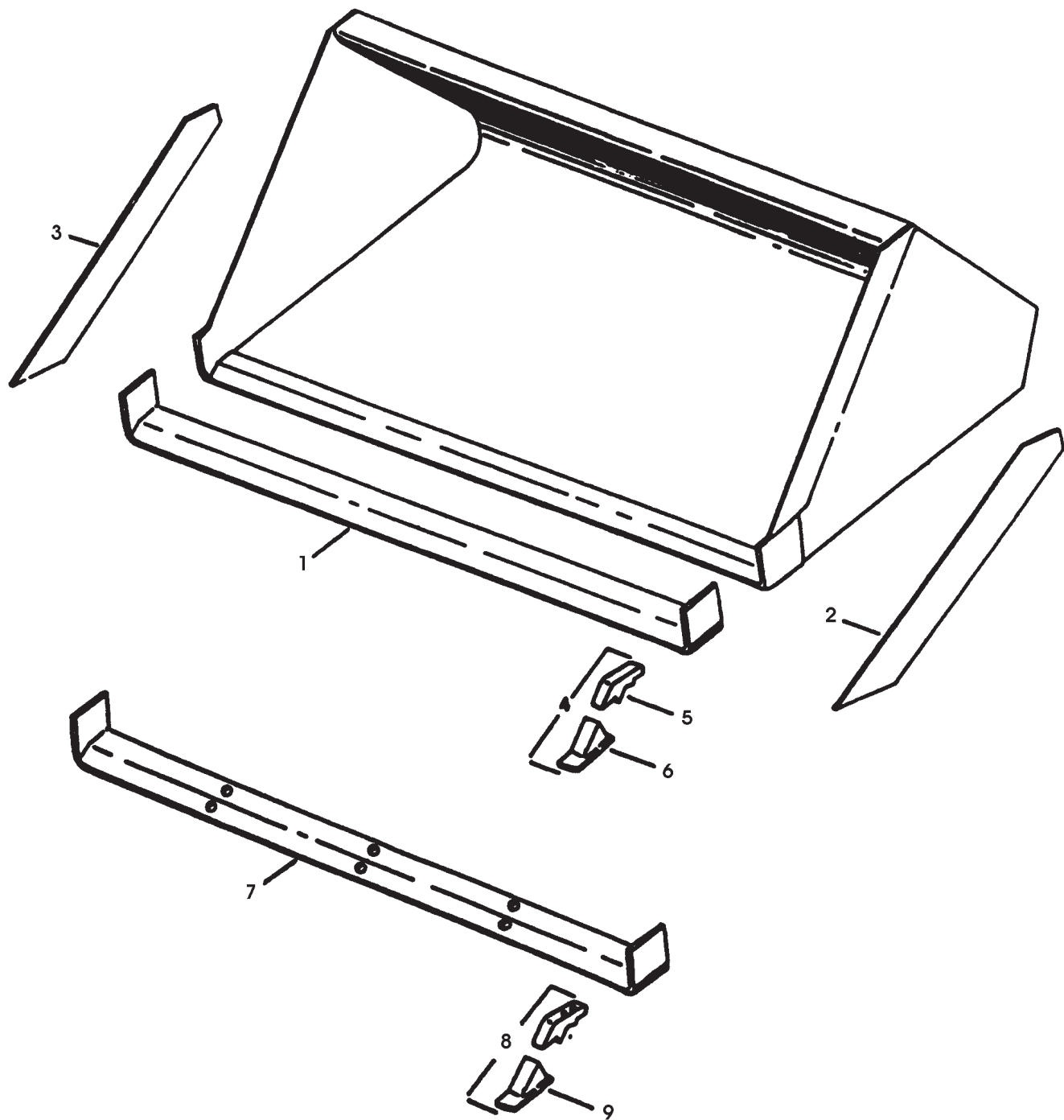
SECTION D: ATTACHMENTS

Buckets - 2044 Models



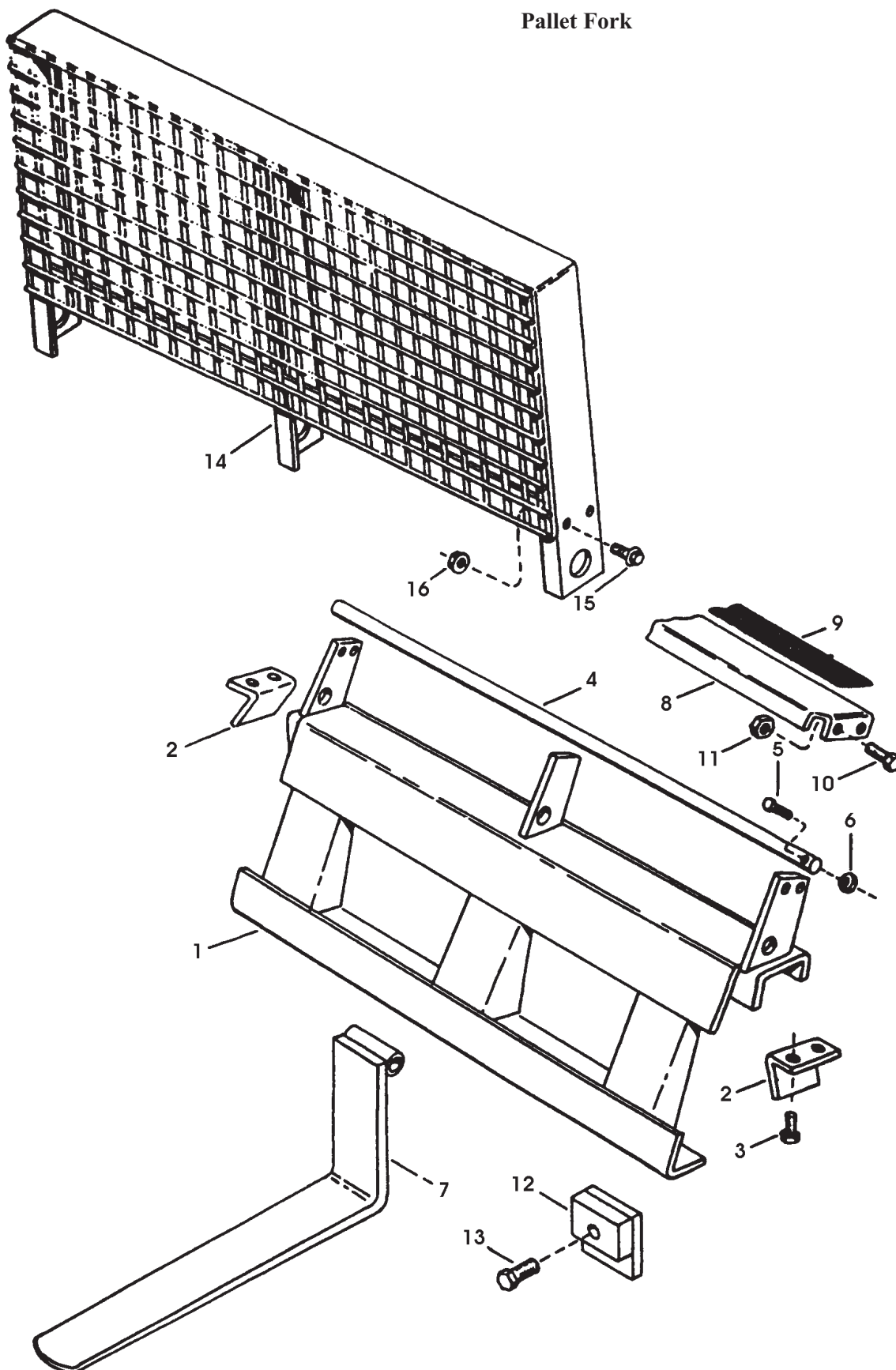
Ref. No.	Part No.	Description	Quantity 2044
	512-411	56" EARTH AND FOUNDRY BUCKET - 10 CUBIC FEET	1
1	110-18208	CUTTING EDGE/FRONT	1
2	480-32852	CUTTING EDGE/LEFT SIDE	1
3	480-32853	CUTTING EDGE/RIGHT SIDE	1
	512-405	56" FERTILIZER BUCKET - 13 CUBIC FEET	1
1	110-18208	CUTTING EDGE/FRONT	1
2	480-32849	CUTTING EDGE/SIDE	2
	504-406	67" LIGHT MATERIAL BUCKET - 3/4 CUBIC YARD	1
1	110-18209	CUTTING EDGE/FRONT	1
	512-181	TEETH KIT/BUCKET (WELD-ON)	10
4	110-18300	ASSEMBLY/BUCKET TOOTH	1
5	110-18600	SHANK/TOOTH HOLDING	1
6	110-18599	TOOTH/CUTTING	1
	644-456	62" EARTH AND FOUNDRY BUCKET - 10.5 CUBIC FEET	1
1	110-32411	CUTTING EDGE/FRONT	1
2	480-32852	CUTTING EDGE/LEFT SIDE	1
3	480-32853	CUTTING EDGE/RIGHT SIDE	1
4	110-18300	ASSEMBLY/BUCKET TOOTH	1
5	110-18600	SHANK/TOOTH HOLDING	1
6	110-18599	TOOTH/CUTTING	1
	652-425	61.5" CONSTRUCTION BUCKET - 13 CUBIC FEET - TWO PIN	1
1	110-32464	CUTTING EDGE/FRONT	1
2	110-32465	CUTTING EDGE/SIDE	2
	694-456	62" EARTH AND FOUNDRY BUCKET - 13 CUBIC FEET (WITH TEETH)	1
1	110-32411	CUTTING EDGE/FRONT	1
2	110-32452	CUTTING EDGE/LEFT SIDE	1
3	110-32451	CUTTING EDGE/RIGHT SIDE	1
4	110-18300	ASSEMBLY/BUCKET TOOTH	1
5	110-18600	SHANK/TOOTH HOLDING	1
6	110-18599	TOOTH/CUTTING	1
7	REF	CUTTING EDGES WITH HOLES FOR BOLT ON TEETH	1
	110-32464	EDGE 5/8 X 6 X 60-1/4	1
	110-32420	EDGE 3/4 X 6 X 66	1
	110-32469	EDGE 3/4 X 6 X 73-1/2	1
7	190-32879	CUTTING EDGE/BOLT-ON (61.5", 63", 68", 70" AND 75" BUCKETS)	1
	110-32472	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
7	190-32880	CUTTING EDGE/BOLT-ON (67" AND 67.5" BUCKETS)	1
	110-32473	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
7	190-32902	CUTTING EDGE/BOLT-ON (60", 66", 71", 78" AND 84" BUCKETS)	1
	110-32474	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
8	110-32466	TOOTH ASSEMBLY/BOLT-ON	AR
	220-32378	PIN/TOOTH	AR
9	110-32467	TOOTH/BUCKET	AR
	650710	SCREW/CAP 5/8 - 11NC X 2-1/4	2
	210-10037	NUT/HEX CENTERLOCK 5/8 - 11NC	2

Buckets - 2054 Models



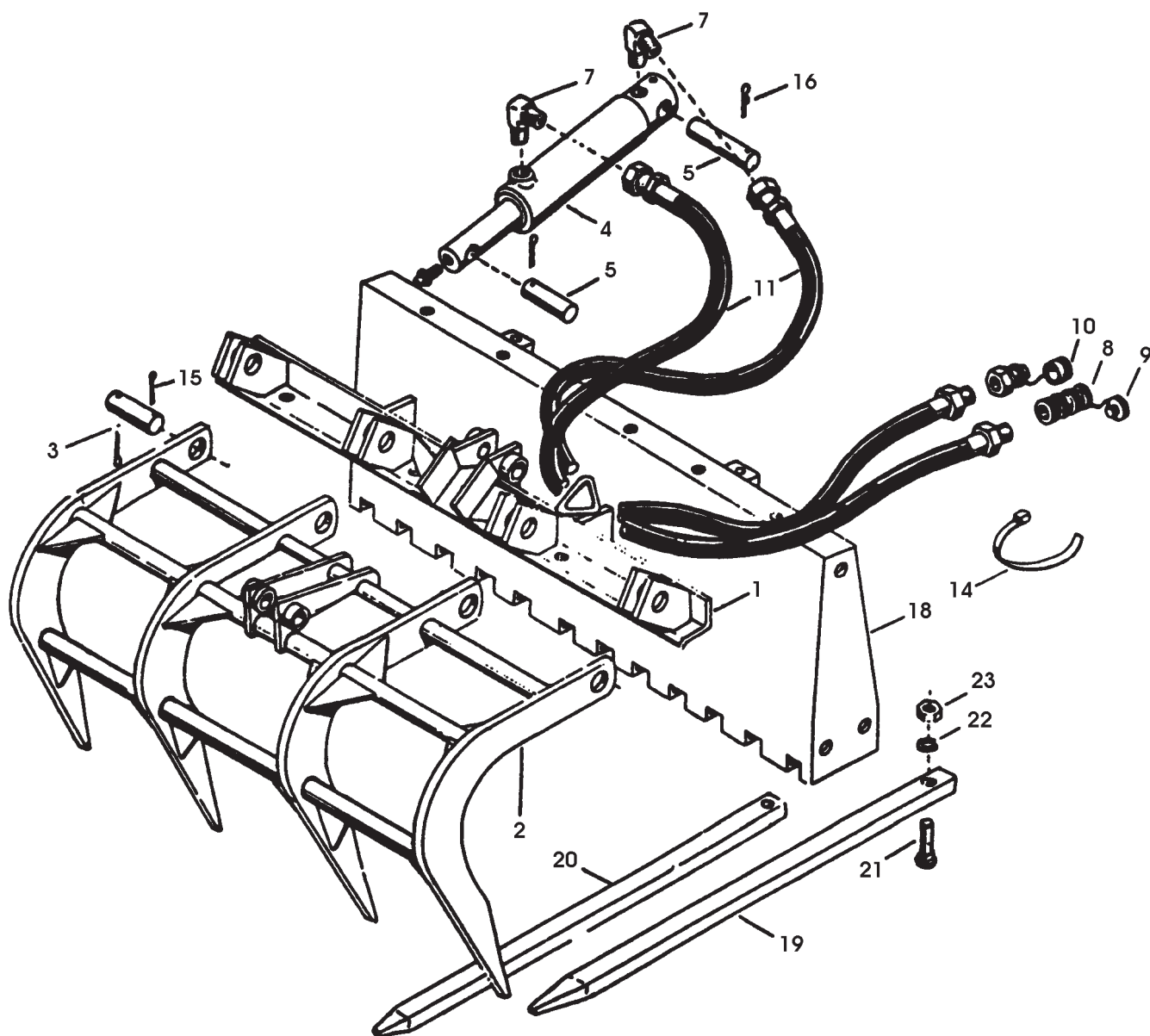
Ref. No.	Part No.	Description	Quantity 2054
	650-425	61.5" CONSTRUCTION BUCKET - 13 CUBIC FEET	1
7	110-32464	CUTTING EDGE/FRONT	1
2	110-32465	CUTTING EDGE/SIDE	2
	652-425	61.5" CONSTRUCTION BUCKET - 13 CUBIC FEET - TWO PIN	1
7	110-32464	CUTTING EDGE/FRONT	1
2	110-32465	CUTTING EDGE/SIDE	2
	650-426	67" CONSTRUCTION BUCKET - 14.5 CUBIC FEET - SINGLE PIN	1
7	110-32471	CUTTING EDGE/FRONT	1
2	110-32465	CUTTING EDGE/SIDE	2
	512-181	TEETH KIT/BUCKET (WELD-ON)	10
4	110-18300	ASSEMBLY/BUCKET TOOTH	1
5	110-18600	SHANK/TOOTH HOLDING	1
6	110-18599	TOOTH/CUTTING	1
7	REF	CUTTING EDGES WITH HOLES FOR BOLT ON TEETH	1
	110-32464	EDGE 5/8" X 6" X 60.25"	1
	110-32420	EDGE 3/4" X 6" X 66"	1
	110-32469	EDGE 3/4" X 6" X 73.50"	1
	110-32471	EDGE 5/8" X 6" X 66"	1
7	190-32879	CUTTING EDGE/BOLT-ON (61.5", 63", 68", 70" AND 75" BUCKETS)	1
	110-32472	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
7	190-32880	CUTTING EDGE/BOLT-ON (67" AND 67.5" BUCKETS)	1
	110-32473	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
7	190-32902	CUTTING EDGE/BOLT-ON (60", 66", 71", 78" AND 84" BUCKETS)	1
	110-32474	EDGE/CUTTING	1
	030-31950	BOLT/PLOW	8
	210-19531	NUT/HEX FLANGED	8
8	110-32466	TOOTH ASSEMBLY/BOLT-ON	AR
9	110-32467	TOOTH/BUCKET	AR
	650710	SCREW/CAP 5/8 - 11NC X 2-/14	2
	210-10037	NUT/HEX CENTERLOCK 5/8 - 11NC	2

Pallet Fork



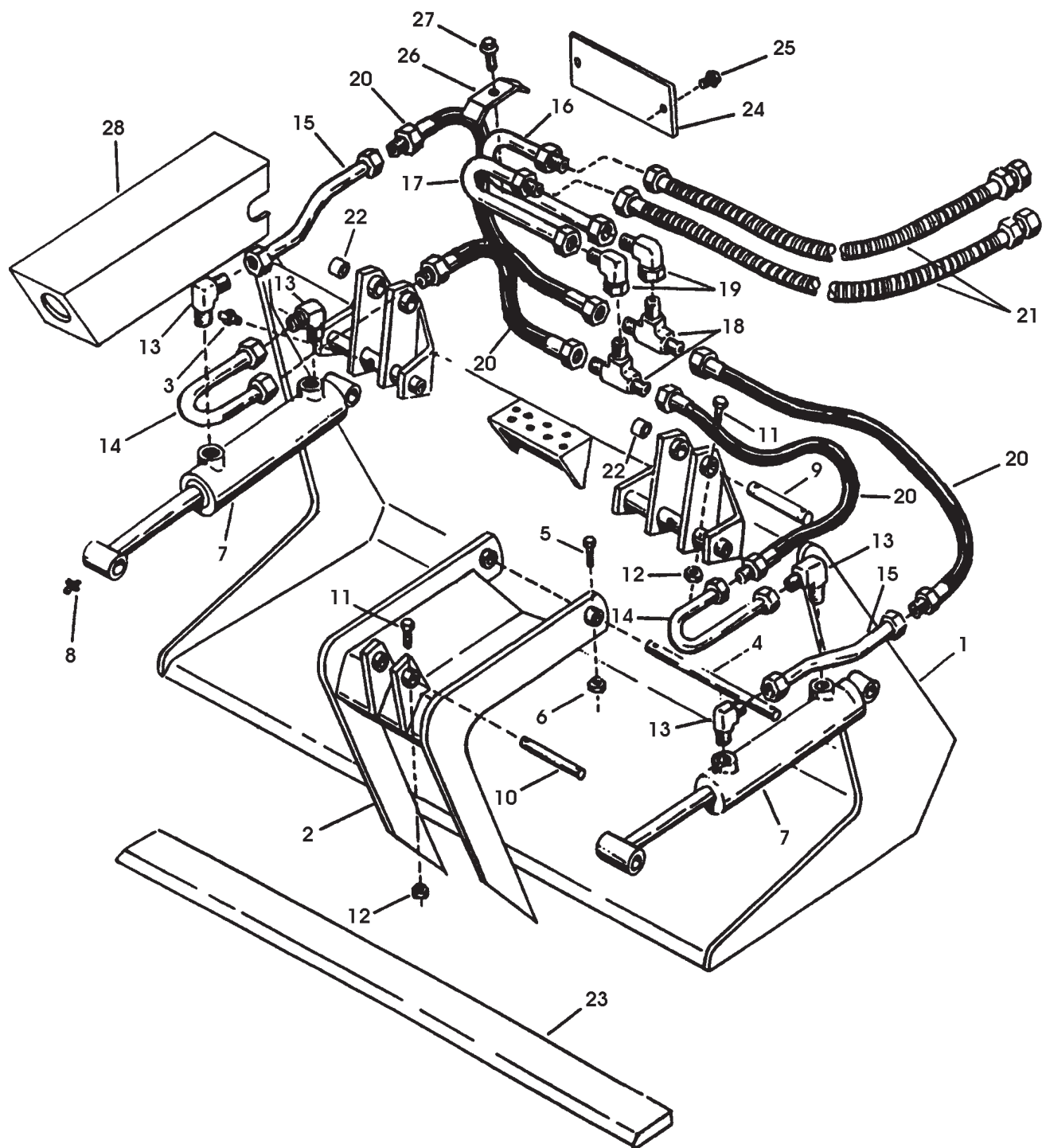
Ref. No.	Part No.	Description	Quantity 2044/2054
1	544-441	FRAME/MOUNTING PALLET FORK/SINGLE PIN	1
	662-441	FRAME/MOUNTING PALLET FORK/TWO PIN	1
	120-32698	FRAME/MOUNTING SINGLE PIN	1
	120-32915	FRAME/MOUNTING TWO PIN	1
2	390-32593	GUIDE/REMOVABLE	2
3	310-32411	SCREW/SELF-TAPPING 3/8 - 16NC X 3/4	4
4	320-32526	BAR/MOUNTING	1
5	650492	SCREW/CAP 3/8 - 16NC X 2-1/2	2
6	071703	NUT/LOCK 3/8 - 16NC	2
7	544-243	FORK/PALLET 36" (SET OF TWO)	1
8	544-244	FORK/PALLET 40" (SET OF TWO)	1
	544-245	FORK/PALLET 46" (SET OF TWO)	1
	330-33263	PLATE/STEP	1
	420-34382	TAPE/SAFETY WALK	1
10	081377	SCREW/CAP WHIZLOCK 3/8 - 16NC X 1-1/4	4
11	070856	NUT/LOCK 3/8 - 16NC	4
12	040-33317	STOP/REMOVABLE	2
13	310-11155	SCREW/CAP 5/8 - 11NC X 2-1/2	2
14	544-247	BACKREST/PALLET FORK	1
	120-32699	BACKREST/PALLET FORK	1
15	081377	SCREW/CAP WHIZLOCK 3/8 - 16NC X 1-1/4	6
16	070856	NUT/LOCK 3/8 - 16NC	6

Utility Fork and Grapple



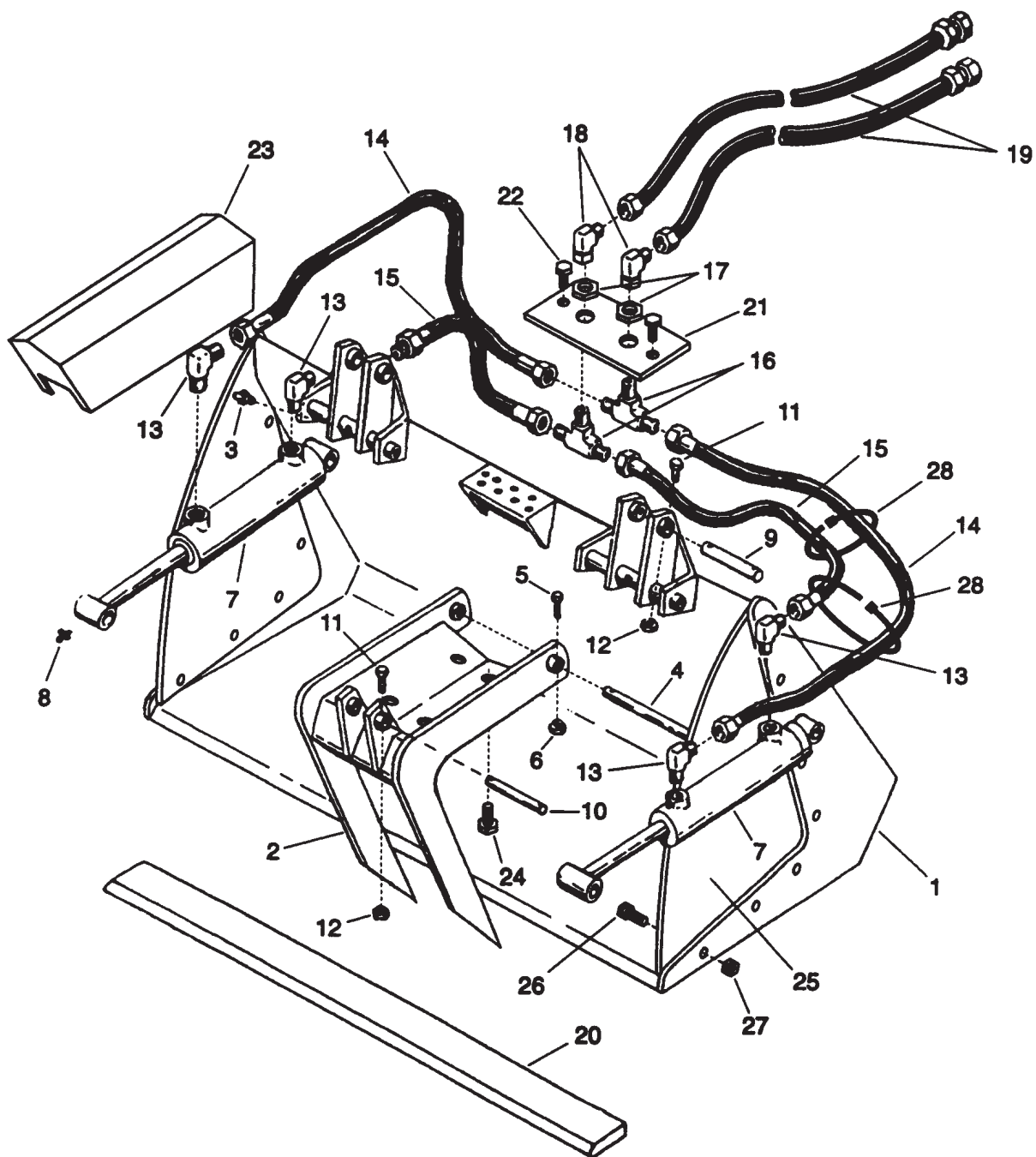
Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	634-460	FORK/UTILITY	1	1
	634-461	GRAPPLE/UTILITY FORK	1	1
	120-32799	FRAME/MOUNTING GRAPPLE	1	1
	310-27198	SCREW/WHIZLOCK 1/2 - 13NC X 1-1/2	8	8
	081374	NUT/LOCK 1/2 - 13NC	8	8
2	120-26559	FORK/GRAPPLE	1	1
3	220-32306	PIN/MOUNTING 1 X 1-1/8	4	4
4	170-20850	CYLINDER	1	-
	170-34297	CYLINDER	-	1
5	220-26572	PIN/PIVOT 7/8 X 5-3/8	2	2
7	230-16686	FITTING/90° ELBOW 1/4 NPT X 9/16	2	2
8	100-21064	COUPLER	2	2
9	170-17029	PLUG/COUPLER	2	2
10	170-17078	CAP/COUPLER	2	2
11	170-16802	HOSE/HYDRAULIC 71"	2	2
14	074091	TIE/CABLE	4	4
15	220-10133	PIN/COTTER 3/16 X 1-1/2	4	4
16	220-14327	PIN/COTTER 3/16 X 2-1/2	2	2
18	120-32800	FRAME/UTILITY FORK	1	1
19	110-16970	TINE/FORK OUTSIDE	2	2
20	110-16938	TINE/FORK INSIDE	10	10
21	030-11331	BOLT/CARRIAGE 1/2 - 13NC X 1-3/4	12	12
22	400-10091	WASHER/LOCK 1/2	12	12
23	653018	NUT/HEX 1/2 - 13NC	12	12

Industrial Grapple Bucket - Single-Pin



Ref. No.	Part No.	Description	Quantity 2044/2054
1	660-460	BUCKET/GRAPPLE	1
2	120-32557	FORK/GRAPPLE	2
3	420-32969	ZERK/GREASE	2
4	220-32418	PIN/PIVOT FORK	2
5	650528	SCREW/CAP 3/8 - 16NC X 2	2
6	653010	NUT/HEX 3/8 - 16NC	2
7	170-34618	CYLINDER/HYDRAULIC	2
8	570002	ZERK/STRAIGHT ROD END	2
	570005	ZERK/90° BASE END	2
9	220-19200	PIN/CYLINDER BASE END	2
10	220-16760	PIN/CYLINDER ROD END	2
11	310-31601	SCREW/CAP 1/4 - 20NC X 3/4	4
12	071700	NUT/LOCK 1/4 - 20NC	4
13	054816	FITTING/90° ELBOW 3/4 SAE X 3/4 JIC	4
	350-32423	O-RING 3/4	4
14	170-34439	LINE/HYDRAULIC	2
15	170-34440	LINE/HYDRAULIC	2
16	170-34437	LINE/HYDRAULIC	1
17	170-34438	LINE/HYDRAULIC	1
18	062400	FITTING/TEE 3/4 JIC	2
19	088442	FITTING/90° SWIVEL 3/4 JIC	2
20	170-34620	HOSE/HYDRAULIC	4
	420-35365	SLEEVE/NYLON (NOT SHOWN)	4
	055335	CLAMP/HOSE (NOT SHOWN)	4
21	170-32953	HOSE/HYDRAULIC	2
22	045-31453	BUSHING/OILITE	2
23	110-32462	EDGE/CUTTING	1
24	330-33580	PLATE/COVER	1
25	310-32411	SCREW/SELF-TAPPING 3/8 - 16NC	2
26	390-15909	CLIP	1
27	651040	SCREW/CAP WHIZLOCK 5/16 - 18NC X 1-1/4	1
28	330-33667	COVER	2

Industrial Grapple Bucket - Two-Pin



Ref. No.	Part No.	Description	Quantity 2044/2054
1	120-32965	BUCKET/GRAPPLE 63"	1
	120-32916	BUCKET/GRAPPLE 68"	1
2	120-32557	FORK/GRAPPLE	2
3	420-32237	ZERK/GREASE	2
4	220-32418	PIN/PIVOT FORK	2
5	650528	SCREW/CAP 3.8 - 16NC X 2	2
6	653010	NUT/HEX 3/8 - 16NC	2
7	170-34618	CYLINDER/HYDRAULIC	2
8	570002	ZERK/STRAIGHT ROD END	2
	570005	ZERK 90° BASE END	2
9	220-26572	PIN/CYLINDER BASE END	2
10	220-16760	PIN/CYLINDER ROD END	2
11	310-31601	SCREW/CAP 1/4 - 20NC X 1-3/4	4
12	071700	NUT/LOCK 1/4 - 20NC	4
13	054816	FITTING/90° ELBOW 3/4 SAE X 3/4 JIC	4
	350-32423	O-RING 3/4	4
14	170-34976	HOSE/HYDRAULIC	2
15	170-34975	HOSE/HYDRAULIC	2
16	135578	FITTING/TEE 3/4 JIC	2
17	210-21556	NUT/LOCK 3/4 - 16NC	1
18	088442	FITTING/90° SWIVEL 3/4 JIC	2
19	170-34977	HOSE/HYDRAULIC	2
20	110-32487	EDGE/CUTTING 63"	1
	110-32450	EDGE/CUTTING 68"	1
21	330-33580	PLATE/COVER	1
22	650510	SCREW/SELF-TAPPING 5/16 - 18NC X 1/2	2
23	330-33734	COVER	2
24	076588	SCREW/CAP WHIZLOCK 3/8 - 16NC X 3/4	8
25	330-33735	PLATE/END SPILL GUARD	2
26	310-27198	SCREW/CAP WHIZLOCK 1/2 - 13NC X 1-1/2	10
27	210-19532	NUT/HEX FLANGED CENTERLOCK 1/2 - 13NC	10
28	055648	TIE/CABLE	4

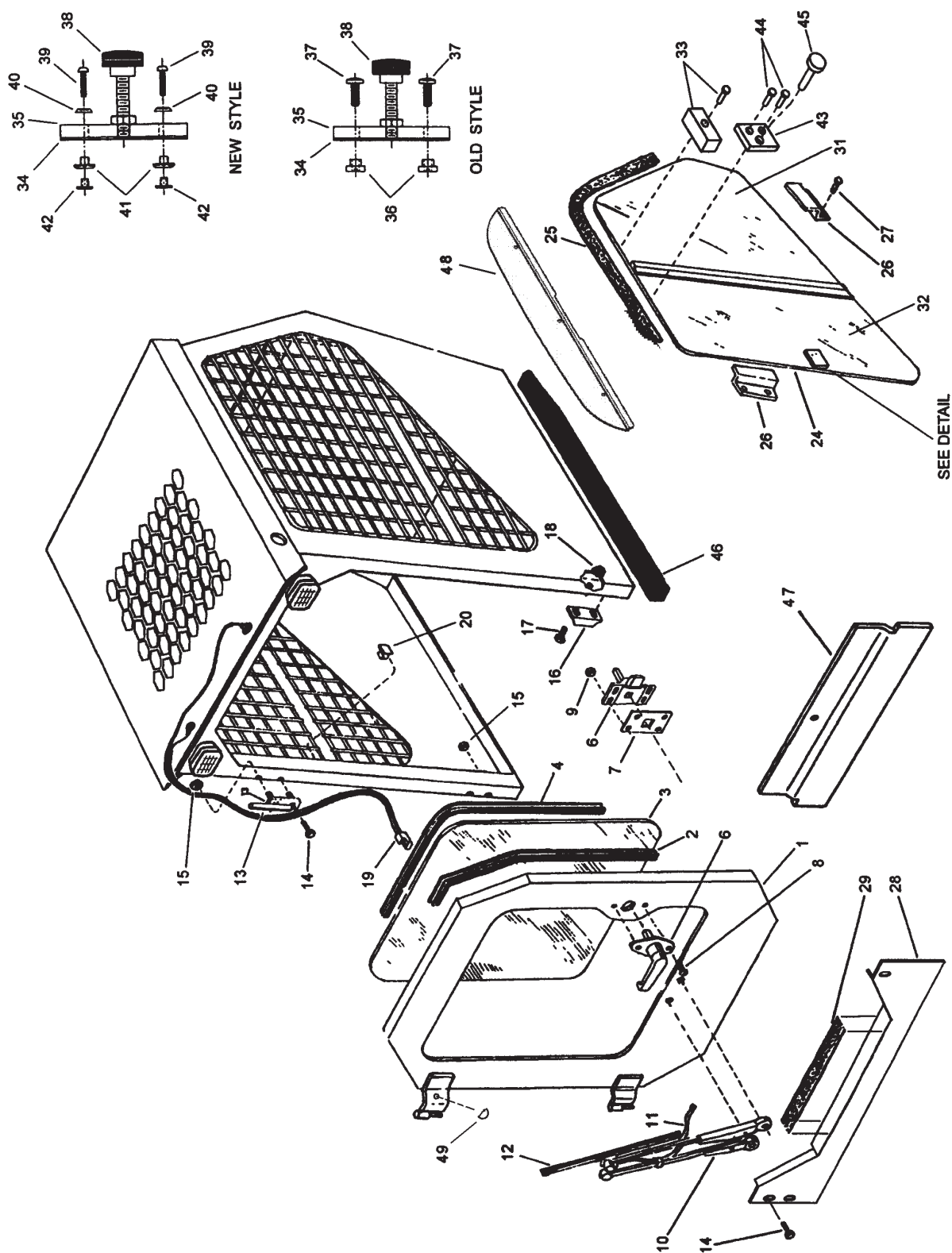
SECTION NOTES

SECTION E: KITS AND ACCESSORIES

Kit Description	Page #
Cab Door/Side Windows Kit 490-33375	213
Windshield Wiper Motor and Washer Kit	215
Cab Heater Kit 810739 - 2044: SN P4301 ~. 2054: SN V6801 ~	217
Standard Cab Heater Kit 490-33381 - 2044: SN ~ P4300. 2054: SN ~ V6800	219
Heavy-Duty Cab Heater Kit - 2044: SN ~ P4300. 2054: SN ~ V6800.	221
Backup Alarm Kit	223
Horn Kit	225
Side Window Half-Glass Kit 490-33305	227
Interior Dome Light Kit	229
Pre-Cleaner Kit	231
Strobe Light Kit 808279 - 2044: SN P4301 ~. 2054: SN V6801 ~	233
Strobe Light Kit - 2044: SN ~ P4300. 2054: SN ~ V6800	235
Cab Door Lift Arm Interlock Kit	237
Rearview Mirror Kit.	239
Engine Auto-Shutdown Kit	241
Impact-Resistant Door Kit	243
Single-Point Lift Kit 810834 - 2044: SN P4301 ~. 2054: SN V6801 ~	245
Single-Point Lift Kit 655-090 - 2044: SN ~ P4300. 2054: SN ~ V6800.	247
Full-Sliding Side Glass Kit 490-33306	249
Self-Leveling Valve Kit 490-33382.	251
2054 High-Flow Hydraulics Kits - 490-33575 and 490-33576	253
Cab Door Kit 490-33374	257
Fast-A-Tach™ Kit 175240 - 2044: SN P4301 ~. 2054: SN V6801 ~	259
Sound Suppression Kit 810828 - 2044: SN P4301 ~. 2054: SN V6801 ~	261
Universal Radio Kit 810946.	263
Other Available Accessories	264

SECTION E: KITS AND ACCESSORIES

Cab Door and Side Windows Kit 490-33375

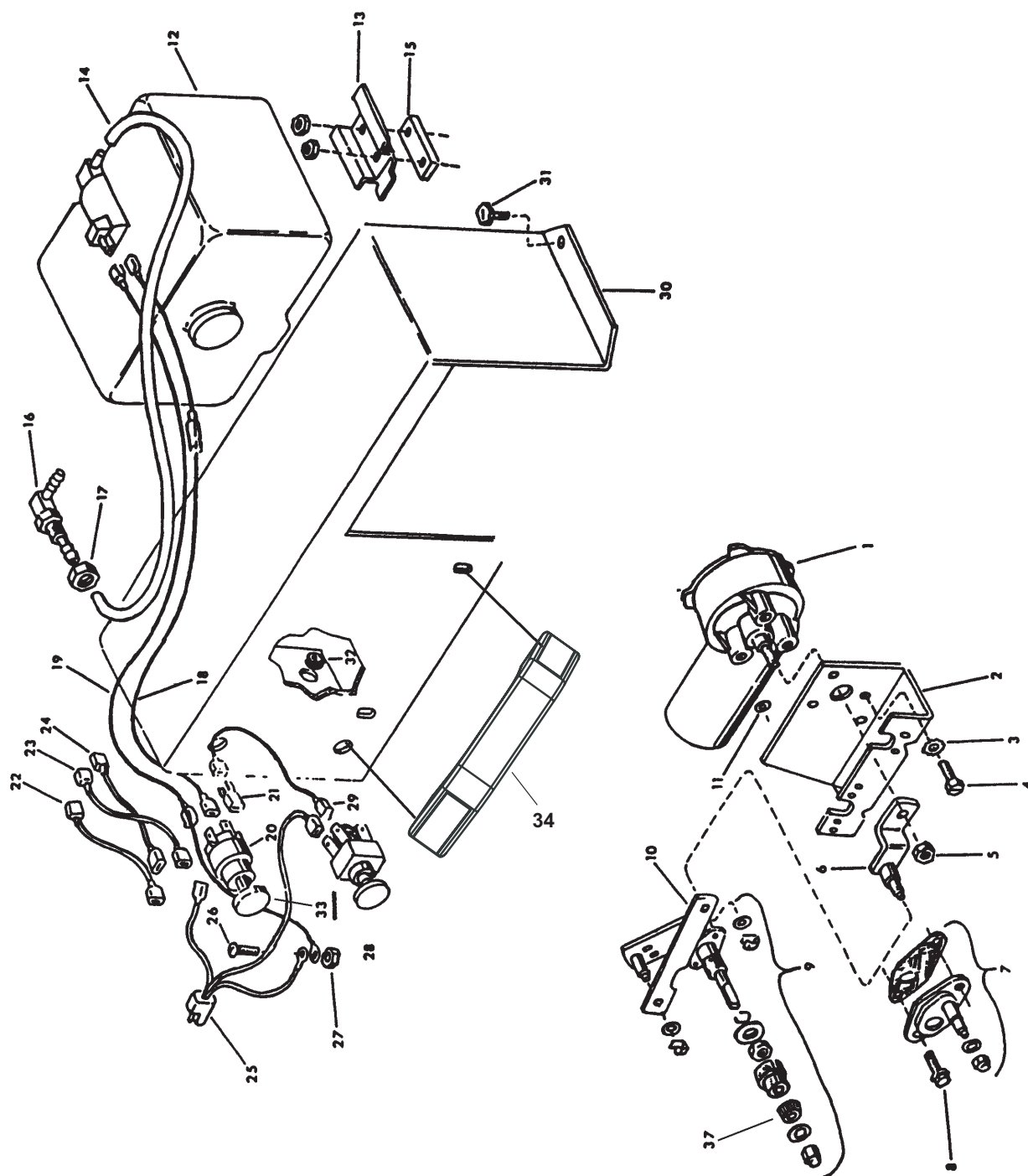


Ref. No.	Part No.	Description	Quantity 2044/2054
	490-33375	KIT/CAB DOOR AND SIDE WINDOWS - (CONSISTS OF FOLLOWING TWO INDENTED ITEMS)	1
	490-33374	KIT/CAB DOOR	1
	490-33306	KIT/SLIDING SIDE WINDOW	1
1	420-35864	ASSEMBLY/CAB DOOR (INCLUDES ITEMS 1-9)	1
	420-35854	DOOR/CAB	1
2	420-35862	SEAL/DOOR	1
3	420-35322	GLASS/DOOR	1
4	420-35327	SEAL/WINDOW	1
6	189064	ASSY/DOOR LOCK AND HANDLE	1
	420-35399	KEYS/DOOR (NOT SHOWN)	1
	650195	SCREW/SET 1/4-20NC X 1/4	1
7	360-32582	SPACER/DOOR LATCH	1
8	310-32596	SCREW/MACHINE #10-24 X 5/8	2
9	210-19469	NUT/WHIZLOCK 1/4-20NC	4
10	420-35332	ARM/PANTOGRAPH	1
11	184514	KIT/WET	1
12	184457	BLADE 22"	1
13	040-33560	HINGE	2
14	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	8
15	070856	NUT/WHIZLOCK 3/8-16NC	7
16	040-33654	STRIKE	1
17	064354	SCREW/CAP WHIZLOCK 5/16-18NC X 1	2
18	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2
19	420-35694	WIRE HARNESS/WINDSHIELD WIPER	1
20	420-35028	CLIP/NYLON	3
24	420-35693	WINDOW/SLIDING LEFT	1
	420-35692	WINDOW/SLIDING RIGHT	1
25	175231B	WEATHERSTRIP 66"	4
	420-35330A	WEATHERSTRIP	2
26	390-32767B	SUPPORT/SIDE WINDOW	6
	390-32767A	SUPPORT/SIDE WINDOW	8
27	650315	SCREW/SELF-TAPPING 1/4-20NC X 1/2	20
28	330-33711	THRESHOLD	1
29	420-35244	TAPE/SAFETY WALK	1
31	420-36282	GLASS/STATIONARY	2
32	420-36281	GLASS/SLIDING	2
33	190-32942	KIT/STOP WINDOW	2
34	130-32235	GASKET/FRICTION LOCK	2
35	160-32932	PLATE/FRICTION LOCK	2
36	210-32181	NUT/T 1/4	4
37	310-11024	SCREW/PAN HEAD 1/4-20NC X 3/4	4
38	420-35741	HANDLE/PULL KNOB	2
39	310-32288	SCREW/MACHINE #8-32 X 3/4	4
40	400-32577	WASHER/FINISH	4
41	045-31503	BUSHING/T-NUT	4
42	210-32189	NUT/T	4
43	160-32933	PLATE/FRICTION LOCK	2
44	310-20294	SCREW/PAN HEAD #8 X 5/8	4
45	420-35740	LOCK/FRICTION KNOB	2
46	420-35354	WEATHERSTRIP/ROPS UNDERNEATH	2
47	330-33673	COVER/FRONT	1
48	175109B	SUPPORT/SIDE WINDOW TOP	2
49	420-36027B	BUMPER/RUBBER	1
	983-01933B	SCREW/WELD (NOT SHOWN)	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

Windshield Wiper Motor and Washer Kit



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-35402	MOTOR/WIPER WINDSHIELD (INCLUDES ITEMS 2-6, 9, 10)	1
2	REF	BRACKET/MOUNTING	1
3	REF	WASHER/STAR	3
4	REF	SCREW/HEX HEAD	3
5	REF	NUT/HEX	1
6	REF	ARM/DRIVE	1
7	200-32638	ADAPTER/PANTOGRAPH	1
8	651631	SCREW/CAP 1/4 X 3/4	2
9	REF	SHAFT/PIVOT	1
10	200-32641	LINK	1
11	400-32506	WASHER/SPECIAL	3
12	420-35334	KIT/WASHER BOTTLE AND PUMP (INCLUDES 13, 14)	1
13	REF	BRACKET/MOUNT	1
14	REF	HOSE/PLASTIC	1
15	360-32583	SPACER	1
16	230-32632	FITTING/90°	1
17	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	1
18	420-35347	WIRE	1
19	420-28888	WIRE	1
20	090-32424	SWITCH	1
21	420-33614	ADAPTER/TERMINAL	1
22	420-35335	WIRE/YELLOW	1
23	420-35336	WIRE/BLACK	1
24	420-35337	WIRE/BLUE	1
25	420-35339	WIRE HARNESS/DOOR	1
26	651312	SCREW/MACHINE CROSS RECESS HEAD #10-24NC X 1/2	1
27	210-32030	NUT/HEX WHIZLOCK 3/16-24	1
28	090-32431	SWITCH/HEATER	1
29	420-35336	WIRE/HEATER	1
30	330-33678	COVER	1
31	650315	SCREW/SELF-TAPPING 1/4-20 X 1/2	3
32	420-19498	GROMMET	1
33	420-36373	KNOB	1
34	184023B	HANDLE/GRAB	1
35	650548B	SCREW/MACHINE ROUND HEAD #10 X 1/2 (NOT SHOWN - HARDWARE FOR ITEM 34)	2
36	084175B	NUT/LOCK #10 (NOT SHOWN - HARDWARE FOR ITEM 34)	2
37	193765	BUSHING/KNURLED TAPER	1

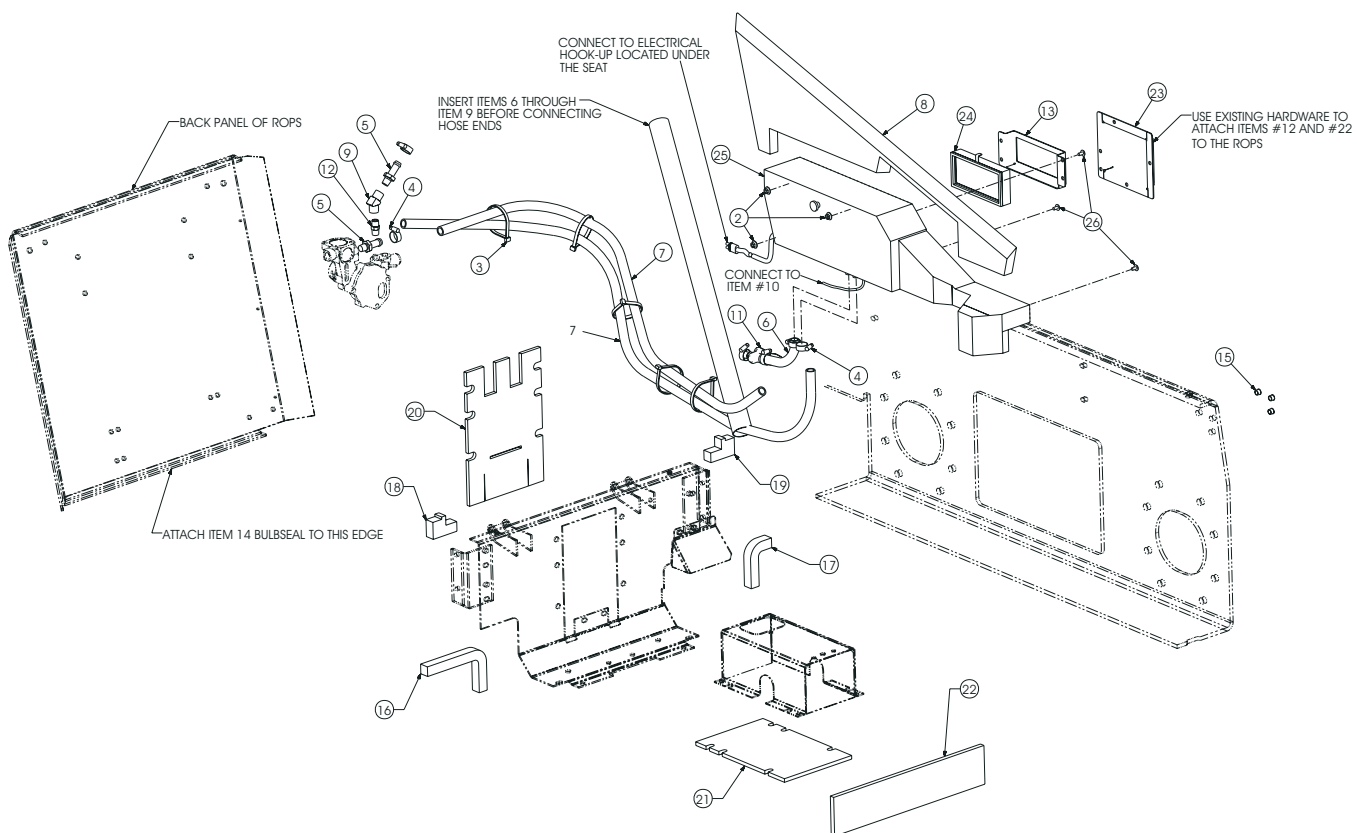
A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

Cab Heater Kit 810739

2044: SN P4301 and Up

2054: SN V6801 and Up

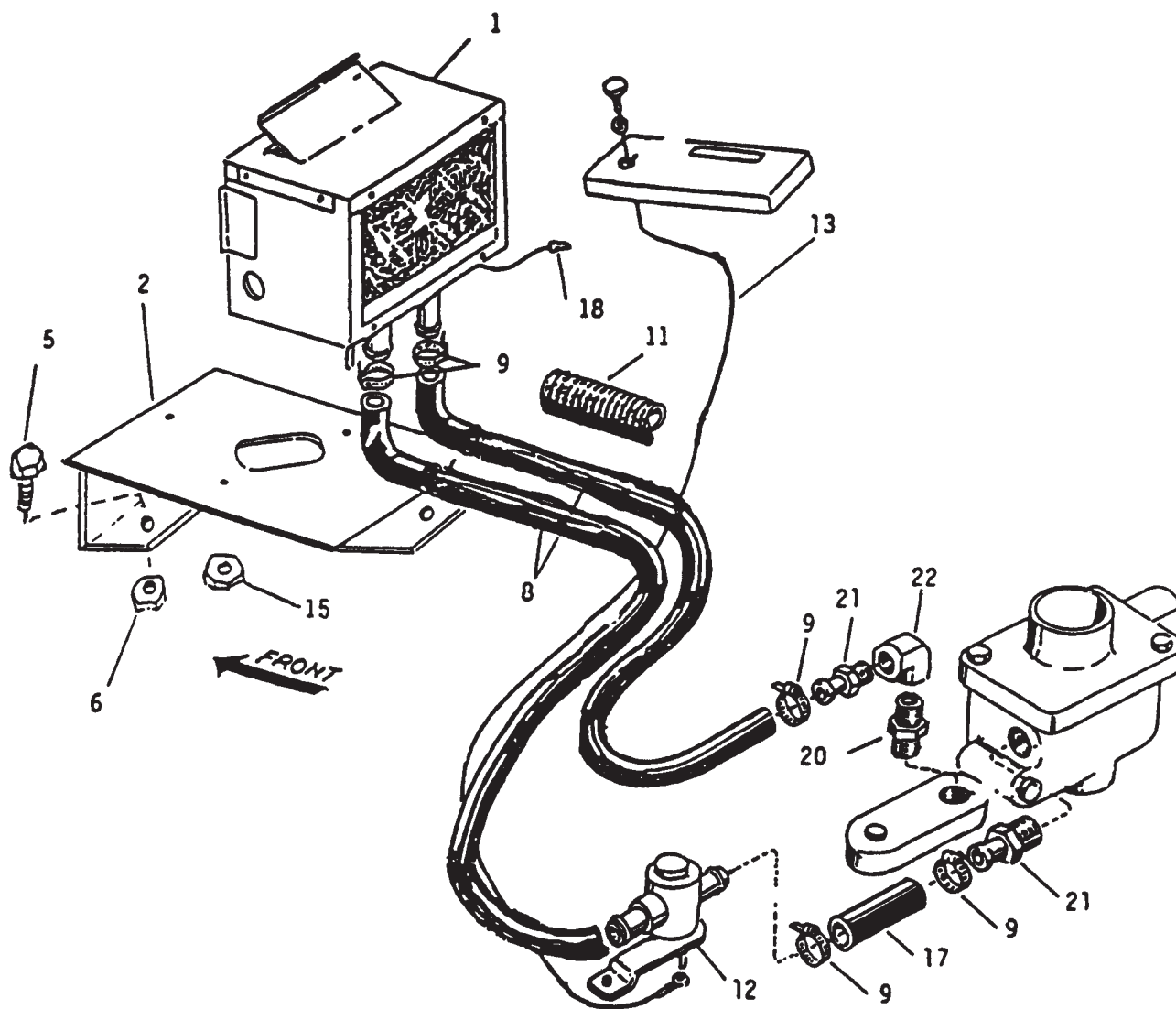


Ref. No.	Part No.	Description	Quantity 2044/2054
2	070634	NUT/HEX LOCKING 1/4	3
3	088467	TIE/NYLON	5
4	095955	CLAMP/HOSE	6
5	123352	FITTING/STRAIGHT MP06 X BD10	2
6	170-34425	HOSE/HEATER	1
7	175079	HOSE/HEATER	2
8	175108	PAD/FOAM LEFT	1
9	175239	ELBOW 45°	1
10	190622	SLEEVE/NYLON PROTECTIVE	1
11	230-32633	VALVE/CABLE CONTROLLED	1
12	230-32655	ADAPTOR/STRAIGHT 3/8 NPT	1
13	330-33796	HOUSING/FILTER	1
14	420-35859	BULBSEAL (NOT SHOWN)	1
15	420-35942	PLUG/HOSE 1/2	8
16	420-35959	RUBBER/SPONGE	1
17	420-35960	RUBBER/SPONGE	1
18	420-35965	FOAM/KICKPLATE RIGHT UPPER	1
19	420-35967	FOAM/KICKPLATE LEFT UPPER	1
20	420-35980	FOAM/KICKPLATE	1
21	420-35981	FOAM/LINKAGE COVER	1
22	420-35983	WEATHER STRIPPING	1
23	420-36123	COVER/HEATER MOTOR	1
24	420-36247	FILTER	1
25	420-36248	HEATER	1
	090-32561	SWITCH/FAN	1
	L99983	KNOB/CONTROL	1
	090-32563	CABLE ASSY/HEAT CONTROL	1
26	650943	SCREW/MACHINE 1/4 X 1/2	3

Standard Cab Heater Kit 490-33381

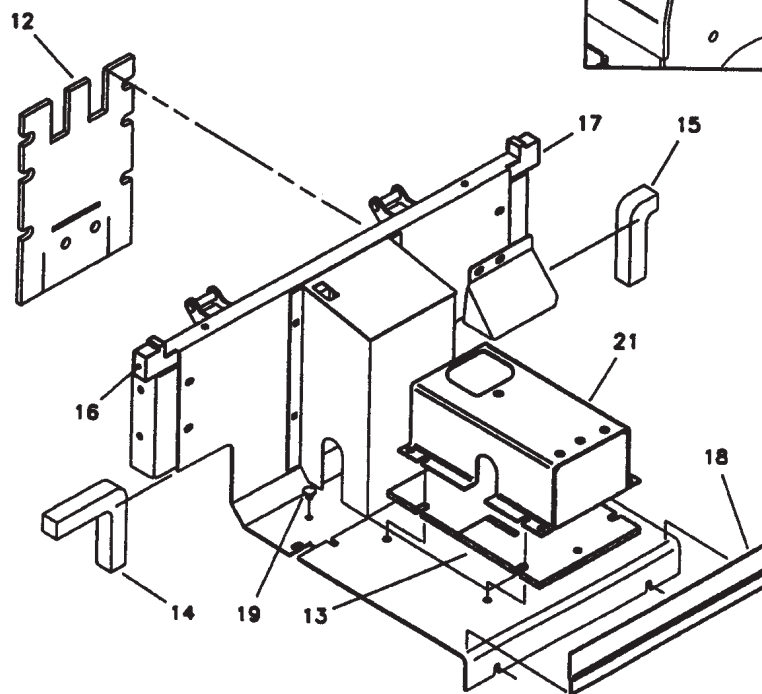
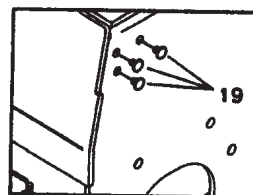
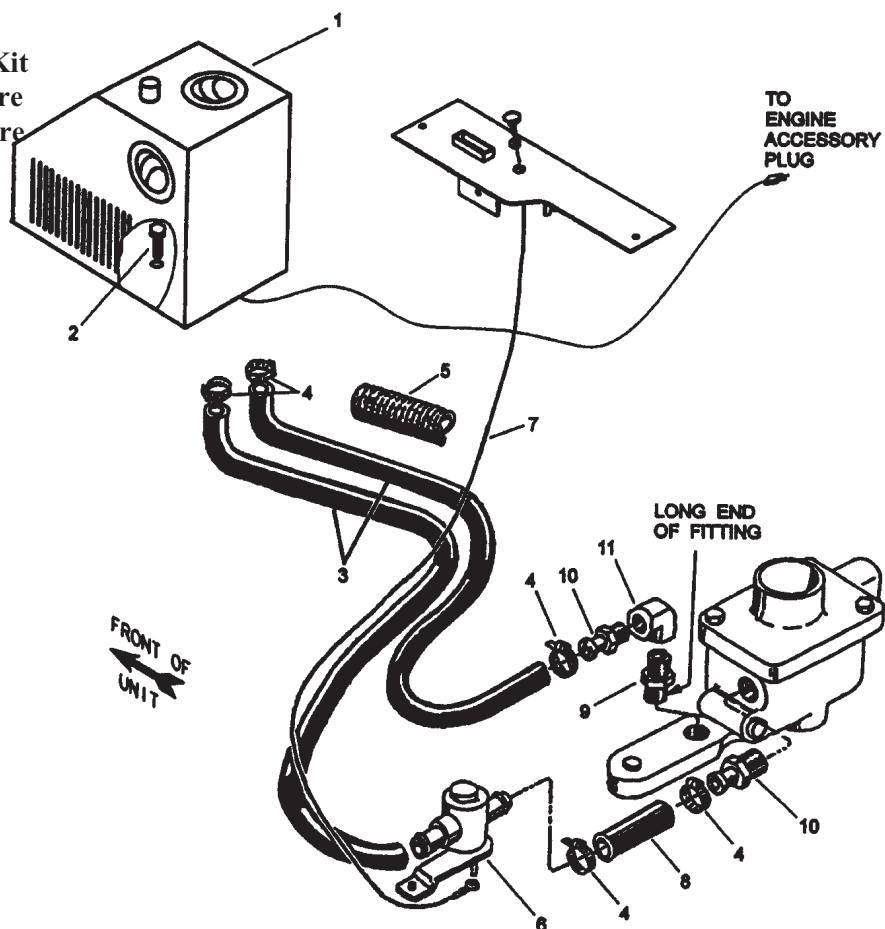
2044: SN P4300 and Before

2054: SN V6800 and Before



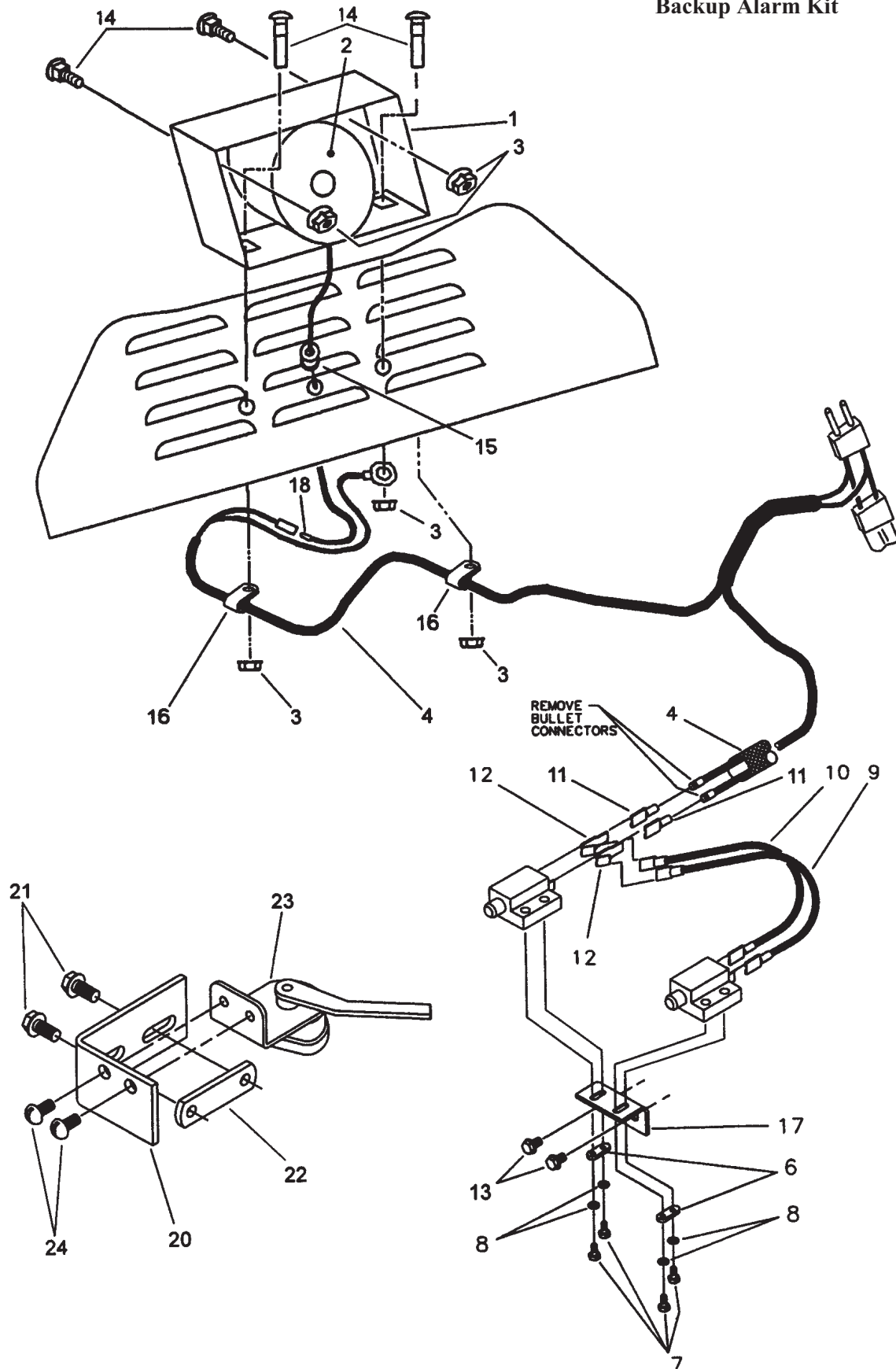
Ref. No.	Part No.	Description	Quantity 2044/2054
1	490-33381	KIT/CAB HEATER STANDARD	1
	420-35341	HEATER/CAB	1
	420-35474	FAN BLADE/HEATER	1
	420-35865	MOTOR/HEATER	1
	090-32431	SWITCH/HEATER FAN	1
2	040-33622	BRACKET/HEATER SUPPORT	1
3	420-35336	WIRE (NOT SHOWN)	1
4	420-33614	ADAPTER/TERMINAL	1
5	650486	SCREW/CAP 5/16-18NC X 3/4	3
6	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	3
7	420-35028	CLIP/NYLON (NOT SHOWN)	2
8	170-34607	HOSE/HEATER	2
9	095955	CLAMP/HOSE	6
10	088467	TIE/CABLE (NOT SHOWN)	6
11	420-35346	HOSE/CONVOLUTED	2
12	230-32633	VALVE/CABLE CONTROLLED	1
13	090-32426	CABLE/CONTROL	1
15	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	3
16	420-35357	DECAL/HEAT CONTROL (NOT SHOWN)	1
17	170-34425	HOSE/HEATER/SHORT	1
18	420-34544	TERMINAL/MALE BLADE	1
19	330-33676	ACCESS COVER/FOOT PEDAL	1
20	230-32655	FITTING/STRAIGHT ADAPTER 3/8	1
21	123352	FITTING/STRAIGHT ADAPTER 3/8	2
22	175239	FITTING/90° ELBOW STREET 3/8	1

Heavy-Duty Cab Heater Kit 2044: SN P4300 and Before 2054: SN V6800 and Before



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36197	HEATER/CAB	1
	190-32946	KIT/HEATER FAN	1
	090-32561	SWITCH/FAN	1
	420-36361	KNOB/SWITCH	1
	420-36362	LOUVER/ROUND	3
	L500143	BLOCK/RESISTOR	1
2	081380	SCREW/CAP WHIZLOCK 5/16-18NC X 3/4	3
3	170-34607	HOSE/HEATER	2
4	095955	CLAMP/HOSE	6
5	420-35346	HOSE/CONVOLUTED	2
6	230-32633	VALVE/CONTROL CABLE	1
7	090-32426	CABLE/CONTROL	1
8	170-34425	HOSE/HEATER	1
9	230-32655	FITTING/STRAIGHT ADAPTER 3/8	1
10	123352	FITTING/STRAIGHT ADAPTER	2
11	175239	FITTING/90° ELBOW STREET 3/8	1
12	420-35980	FOAM/KICKPLATE	1
13	420-35981	FOAM/FLOOR MAT	1
14	420-35959	SPONGE RUBBER/KICKPLATE LOWER RIGHT	1
15	420-35960	SPONGE RUBBER/KICKPLATE LOWER LEFT	1
16	420-35965	FOAM/KICKPLATE UPPER RIGHT	1
17	420-35967	FOAM/KICKPLATE UPPER LEFT	1
18	420-35983	FOAM/FOOT PEDAL COVER	1
19	420-35942	PLUG	8
20	420-35357	DECAL/HEAT CONTROL (NOT SHOWN)	1
21	330-33793	ACCESS COVER/FOOT PEDAL	1

Backup Alarm Kit



Ref. No.	Part No.	Description	Quantity 2044/2054
1	330-33581	COVER	1
2	420-35049	ALARM	1
3	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	4
4	420-35714	HARNESS/WIRE	1
5	090-32433	SWITCH/DUAL LEVER	2
6	040-33629	MOUNTING PLATE/SWITCH/DUAL LEVER	2
7	310-32624	SCREW/MACHINE SELF-TAPPING #10-24NC X 5/8 DUAL LEVER	4
8	650549	WASHER/LOCK 3/16 DUAL LEVER	4
9	420-35396	WIRE/BUE DUAL LEVER	1
10	420-35397	WIRE/RED DUAL LEVER	1
11	420-32836	TERMINAL/FEMALE 1/4 DUAL LEVER	2
12	420-33614	TERMINAL/ADAPTER DUAL LEVER	2
13	310-26841	SCREW/CAP WHIZLOCK 5/16-18NC X 1/2 DUAL LEVER	2
14	650748	BOLT/CARRIAGE 1/4-20NC X 5/8	4
15	420-19498	GROMMET	1
16	420-21409	CLIP/INSULATED	2
17	040-33628	BRACKET/MOUNTING DUAL LEVER	1
18	420-25986	CONNECTOR/MALE BULLET	1
19	210-19470	SCREW/CAP WHIZLOCK 1/4-20NC X 1/2 T-BAR	2
20	040-33618	BRACKET/SWITCH MOUNT/T-BAR	1
21	310-19471	SCREW/CAP WHIZLOCK 1/4-20NC X 1/2 T-BAR	2
22	983-01807	NUT/WELD 1/4-20NC T-BAR	1
23	090-30229	SWITCH/T-BAR	1
24	650387	SCREW/MACHINE #10-32NF X 1/2 T-BAR	2

This diagram shows the exploded view of a bicycle seat post assembly. The components are labeled with numbers 7 through 11:

- 7**: The main seat post, shown vertically with mounting holes.
- 8**: A curved seat post collar or clamp.
- 9**: A seat post clamp or bracket that secures the collar.
- 10**: Two small rectangular components, likely seat post caps or spacers, shown at the top right.
- 11**: Two cylindrical components, likely seat post caps or spacers, shown on the left and right.

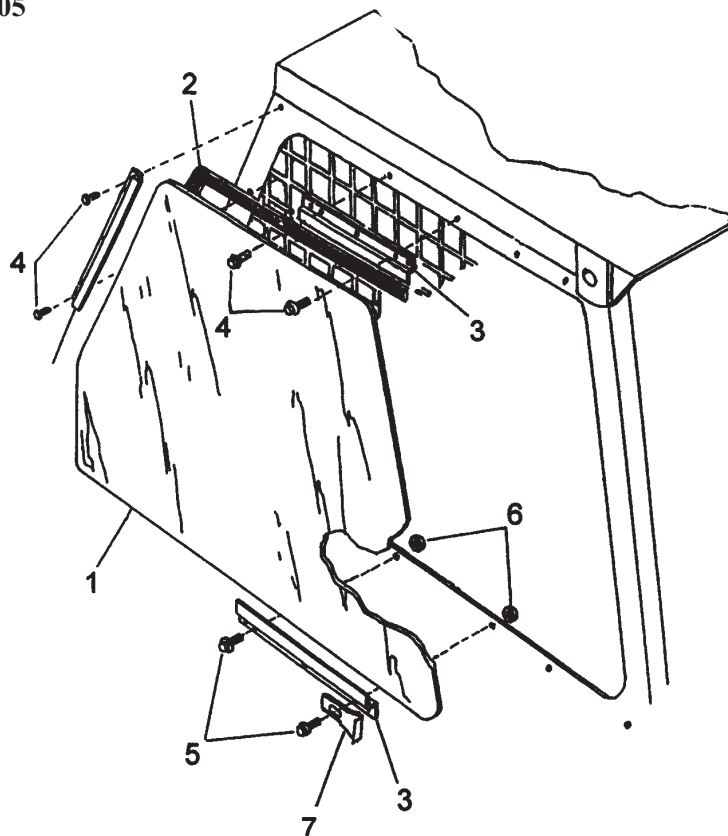


Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-19111	HORN	1
2	650985	SCREW/CAP 5/16 X 3/4	1
3	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	1
4	420-35703	HARNESS/WIRE	1
5	420-34463	WIRE/GROUND	1
6	420-36175	HORN BUTTON AND WIRE/DUAL LEVER	1
	420-35701	HORN BUTTON AND WIRE/T-BAR	1
7	090-32460	HANDLE/T-STICK	1
8	330-33606	HOUSING/T-STICK	1
9	650387	SCREW/MACHINE #10-32NF X 1	4
10	420-35550	PLUG/SWITCH CUT-OUT	2
11	420-35677	GRIP/T-BAR	2

Side Window Half-Glass Kit 490-33305

2044: SN P4300 and Before

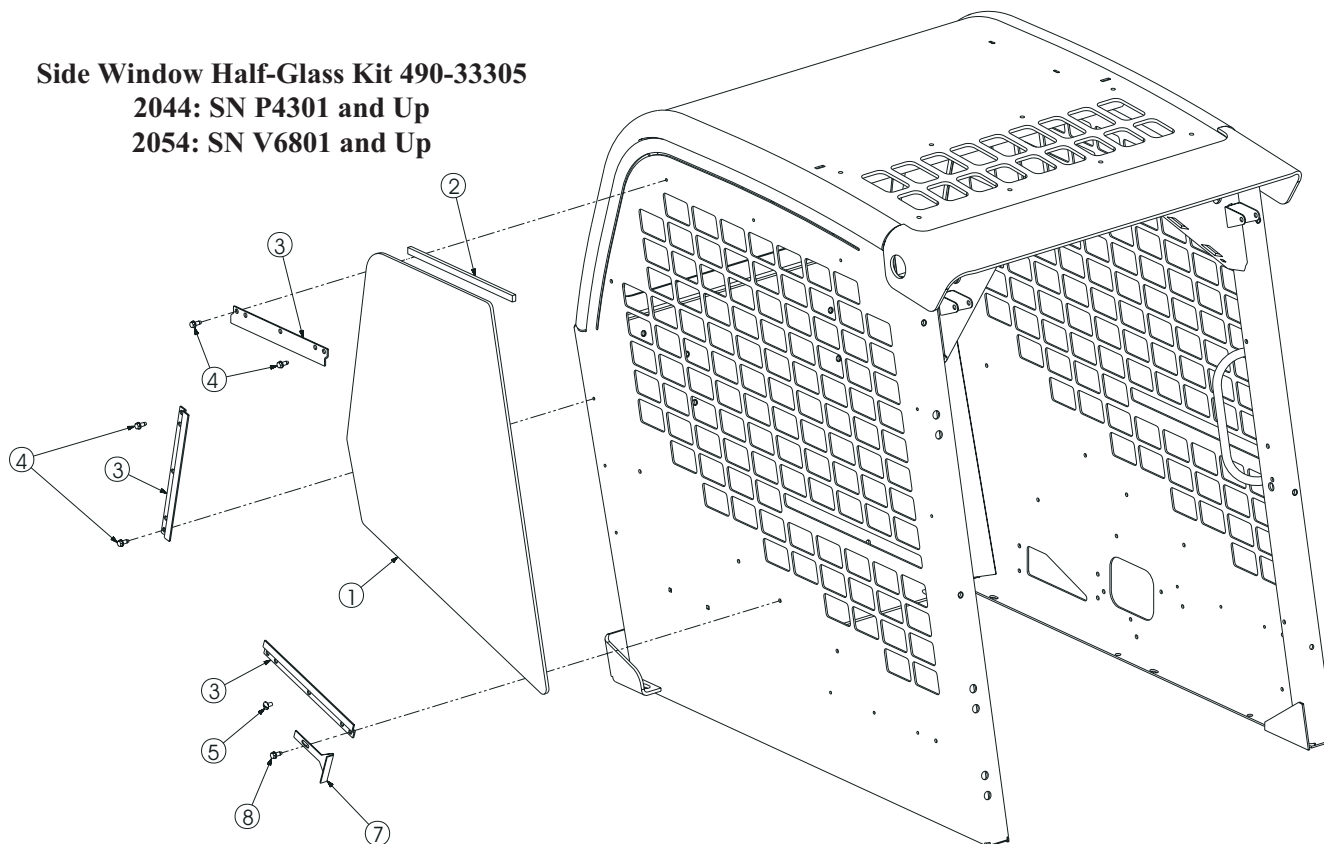
2054: SN V6800 and Before



Side Window Half-Glass Kit 490-33305

2044: SN P4301 and Up

2054: SN V6801 and Up



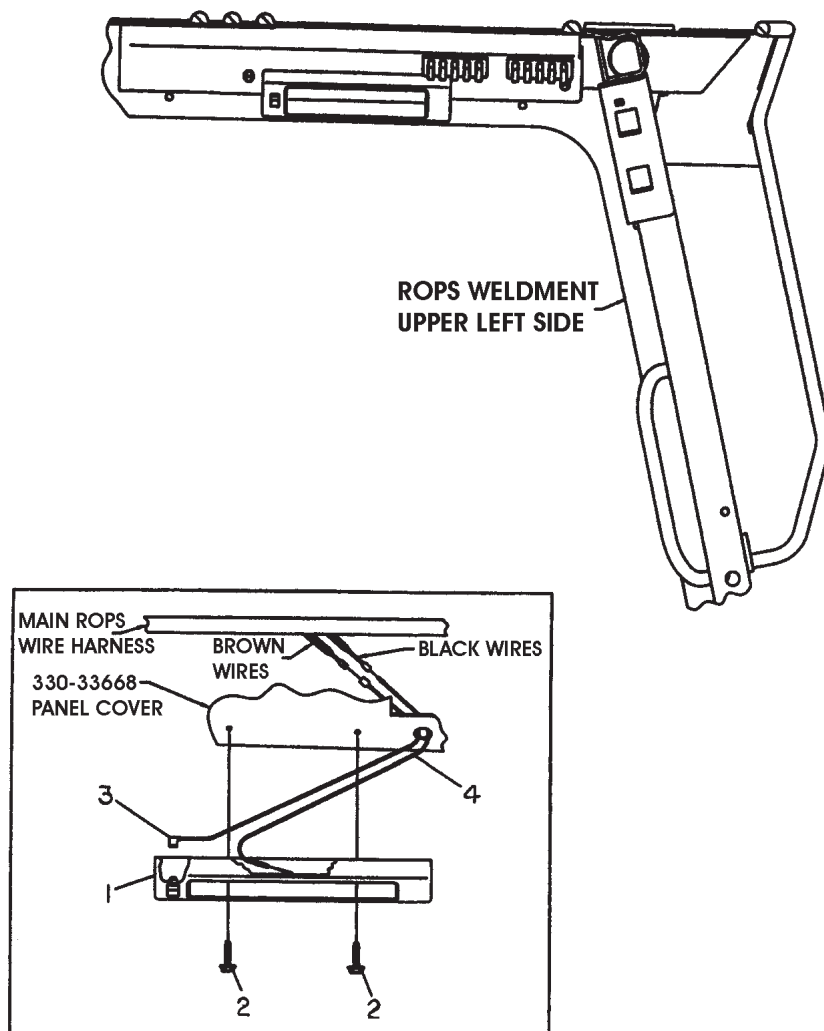
Ref. No.	Part No.	Description	Quantity 2044/2054 (A)
1	420-35367	WINDOW/SIDE	2
2	420-35368	STRIP/WEATHER	2
3	390-32767	SUPPORT	6
4	650315	SCREW/SELF-TAPPING 1/4-20NC X 1/2	8
5	310-15859	SCREW/MACHINE TRUSS HEAD 1/4-20NC X 3/4	4
6	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	4
7	040-33632	RETAINER	2

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

Ref. No.	Part No.	Description	Quantity 2044/2054 (B)
1	420-35367	WINDOWS/ROPS SIDE/REAR HALF	2
2	420-35368	WEATHER STRIP	2
3	390-32767	SUPPORT/SIDE WINDOW	6
4	650315	SCREW/HEX HD SELF TAP 1/4 - 20NC X 1/2	8
5	310-15859	SCREW/MACH. TRUSS HD 1/4 - 20NC - 3/4	4
6	070634	NUT/HEX WHIZLOCK 1/4 - 20NC	4
7	040-33632	RETAINER/HALF GLASS	2
8	651260	SCREW/TAPPING HEX WASHER HEAD THREAD CUTTING 1/4 X 5/8	2

B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

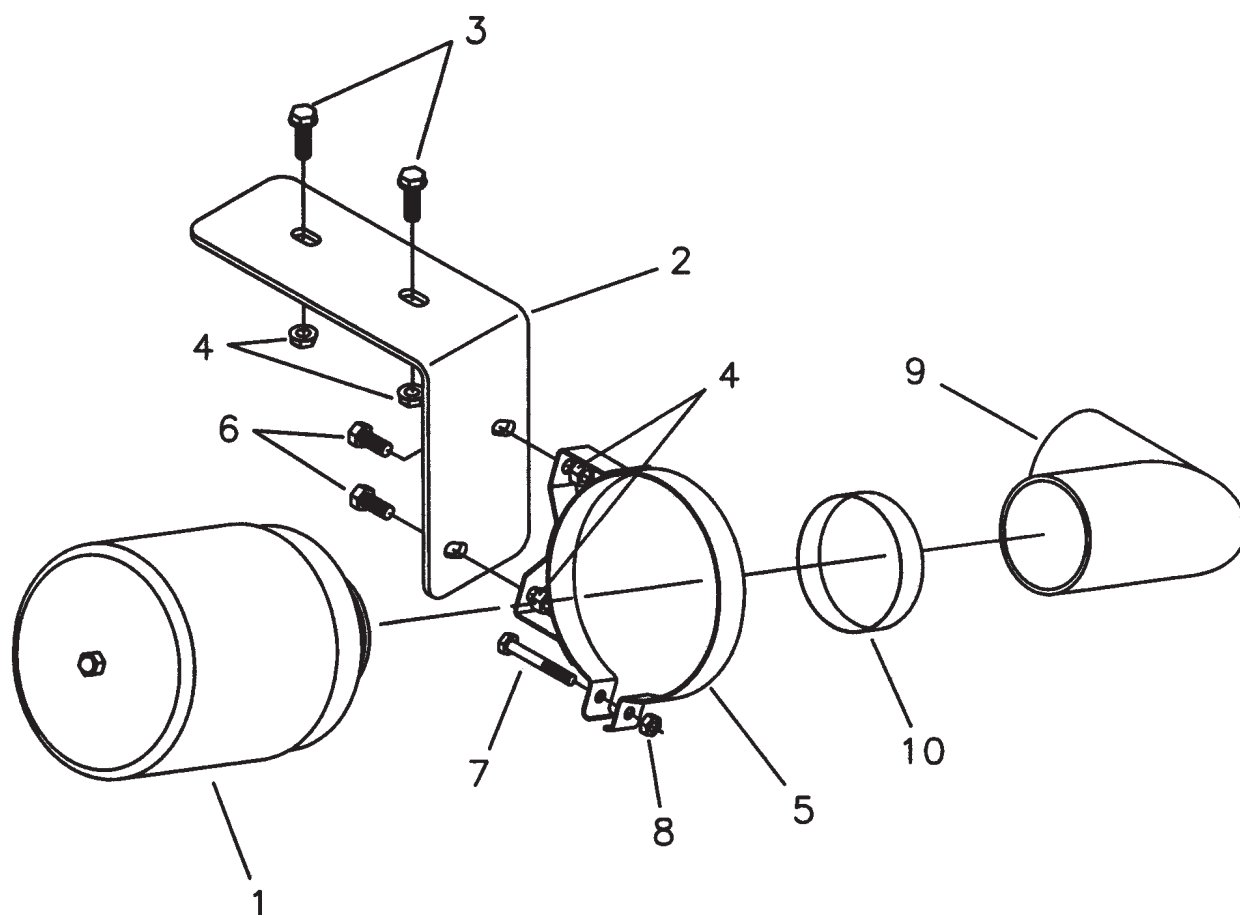
Interior Dome Light Kit



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-35452A	LIGHT/DOME	1
2	310-32610	SCREW/MACHINE SELF-TAPPING #8-32NC X 3/4	2
3	420-35698	WIRE/BROWN	1
4	420-35697	WIRE/BLACK	1

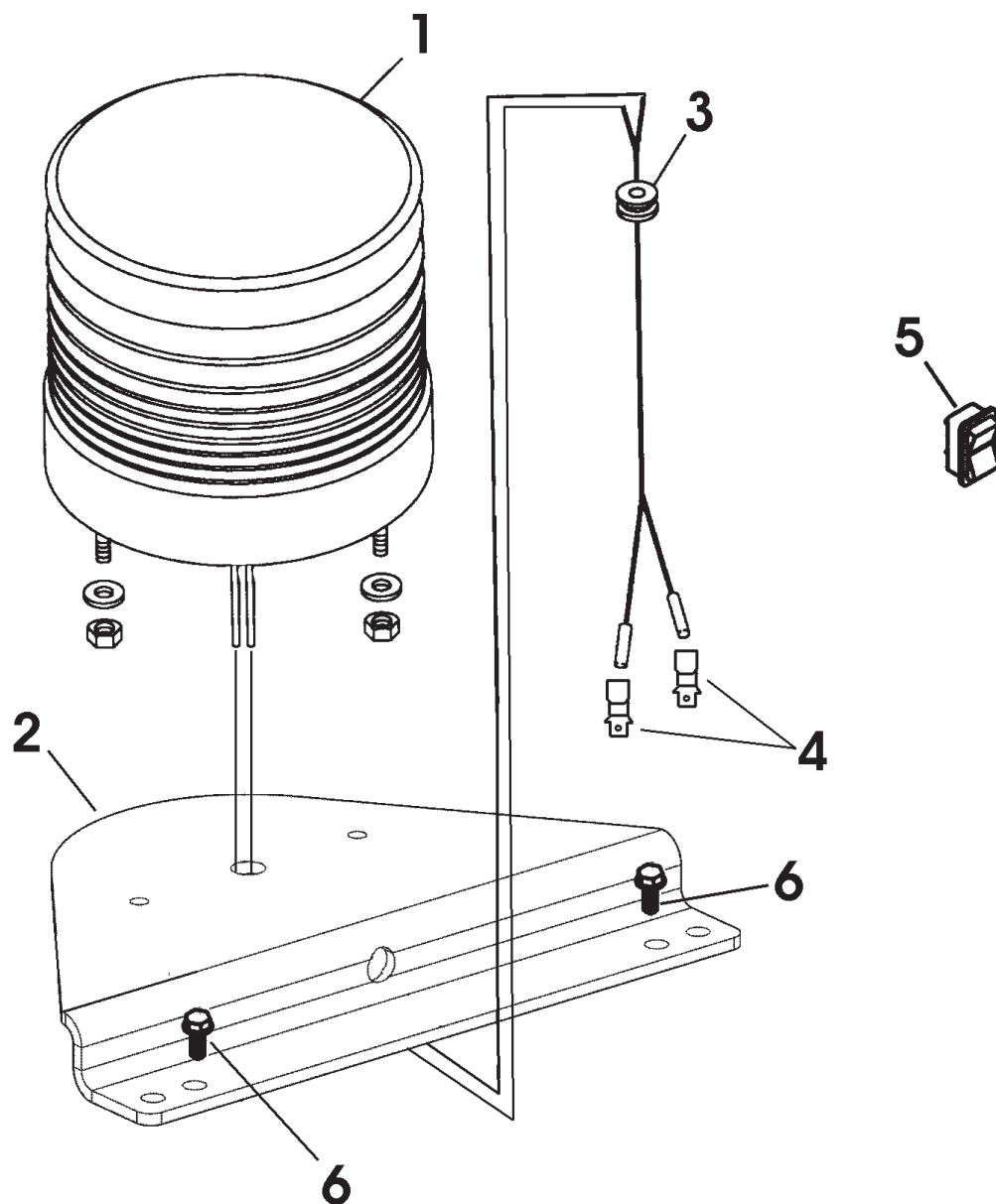
A) BULB REPLACEMENT - P/N 420-35558.

Pre-Cleaner Kit



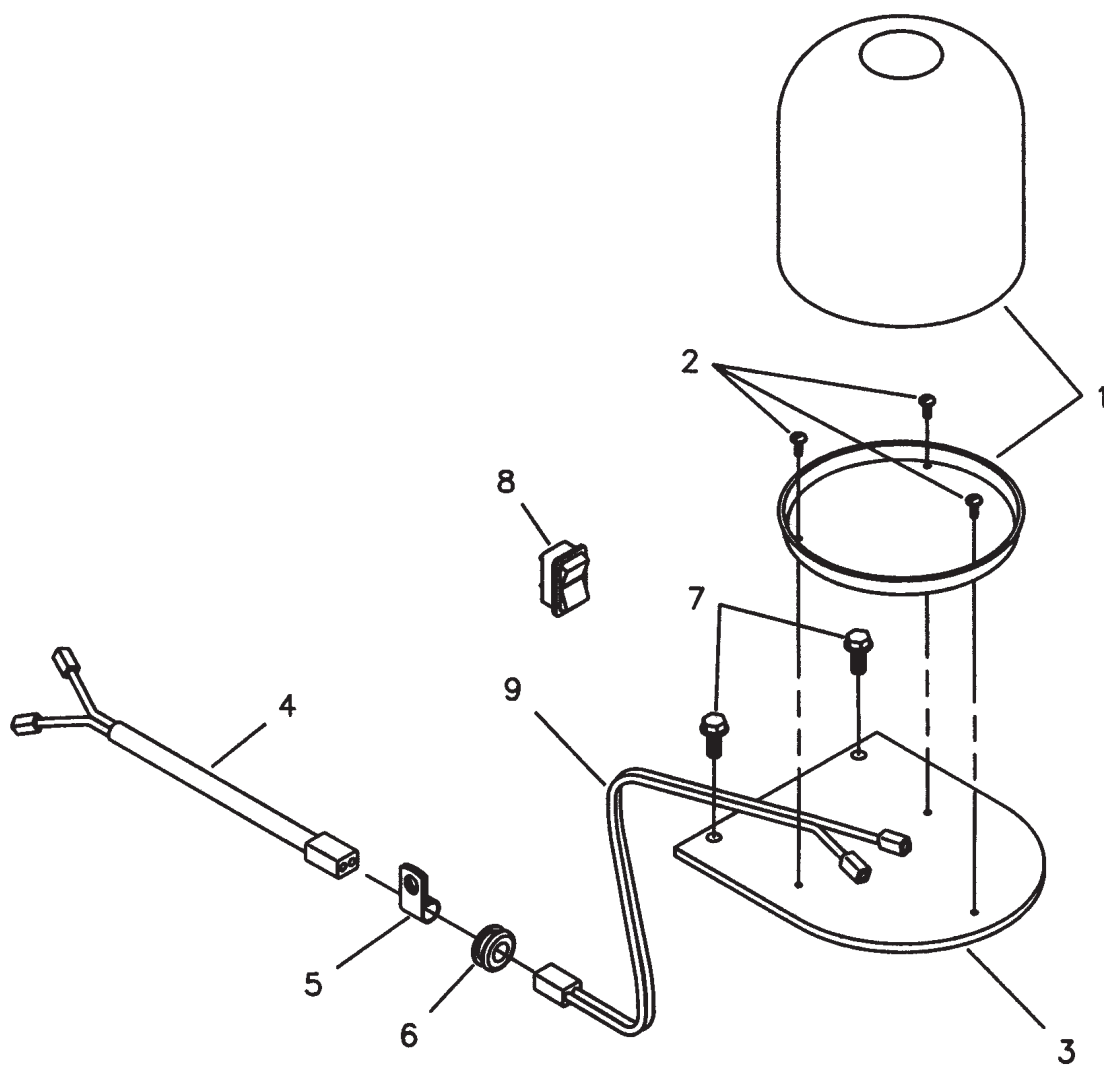
Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36039	PRE-CLEANER	1
2	040-33712	BRACKET/PRE-CLEANER MOUNT	1
3	064354	SCREW/CAP WHIZLOCK 5/16-18NC X 1	2
4	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	4
5	420-18159	BAND/MOUNTING	1
6	650486	SCREW/CAP 5/16-18NC X 3/4	2
7	650706	SCREW/CAP 1/4-20NC X 2	1
8	071700	NUT/HEX CENTERLOCK 1/4-20NC	1
9	420-36040	TUBE/PRE-CLEANER	1
10	420-35125	CLAMP/T-BOLT BAND	1

Strobe Light Kit 808279
2044: SN P4301 and Up
2054: SN V6801 and Up



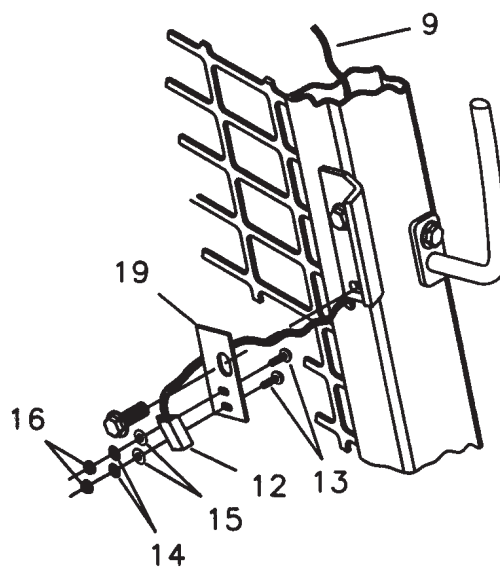
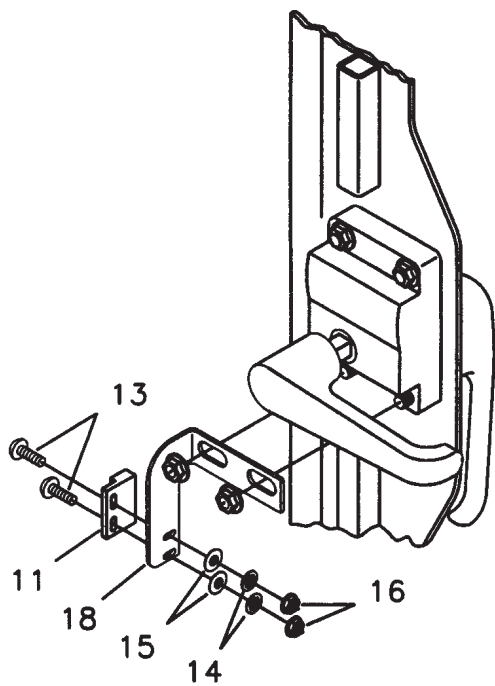
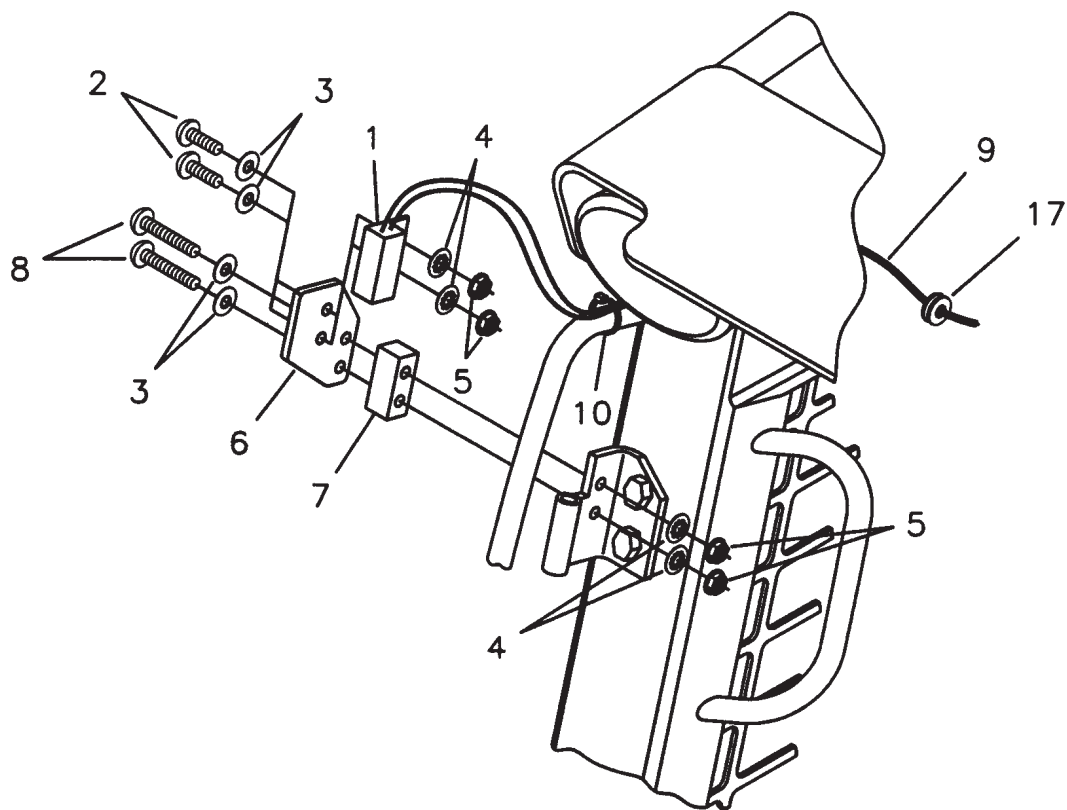
Ref. No.	Part No.	Description	Quantity 2044/2054
1	088296	LIGHT/STROBE	1
2	040-33776	BRACKET/STROBE MOUNTING	1
3	420-30377	GROMMET/RUBBER	3
4	076681	TERMINAL/INS MALE BLADE	2
5	090-32457	SWITCH/HAZARD	1
6	650426	CS 1/4 X 1-1/4 C5ZY	2

Strobe Light Kit
2044: SN P4300 and Before
2054: SN V6800 and Before



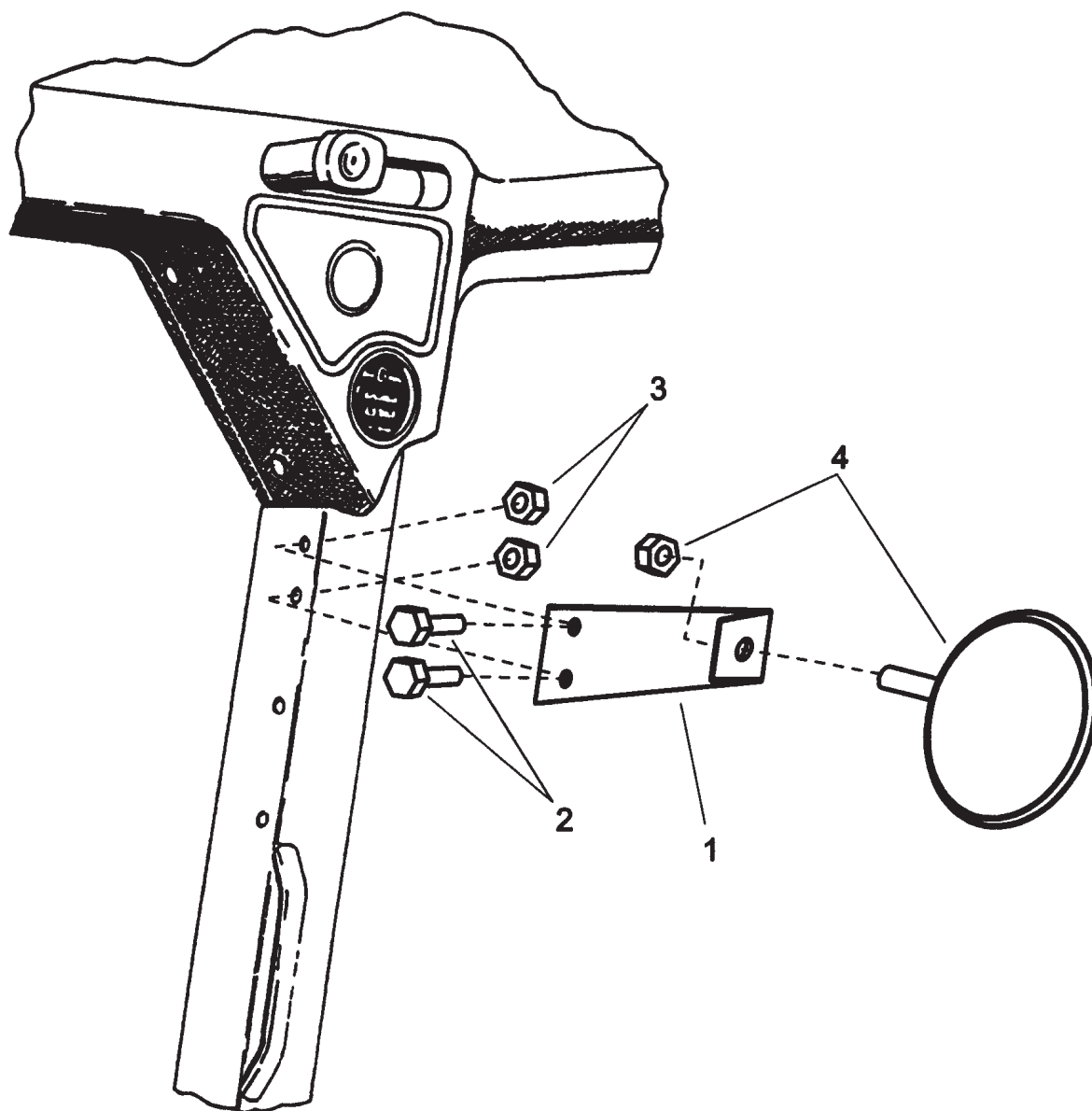
Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-35753	LIGHT/BEACON	1
2	310-32624	SCREW/MACHINE SELF-TAPPING #10-24NC X 5/8	3
3	040-33627	BRACKET	1
4	420-35754	HARNESS/WIRE INSTRUMENT PANEL END	1
5	420-21409	CLIP/INSULATED	1
6	420-32422	GROMMET	1
7	650985	SCREW/CAP SELF-TAPPING 5/16-18NC X 3/4	2
8	090-32457	SWITCH/BEACON	1
9	420-35809	HARNESS/WIRE BEACON LIGHT END	1
10	200-32700	CLIP/SOCKET BULB RETAINER (NOT SHOWN)	1

Cab Door Lift Arm Interlock Kit



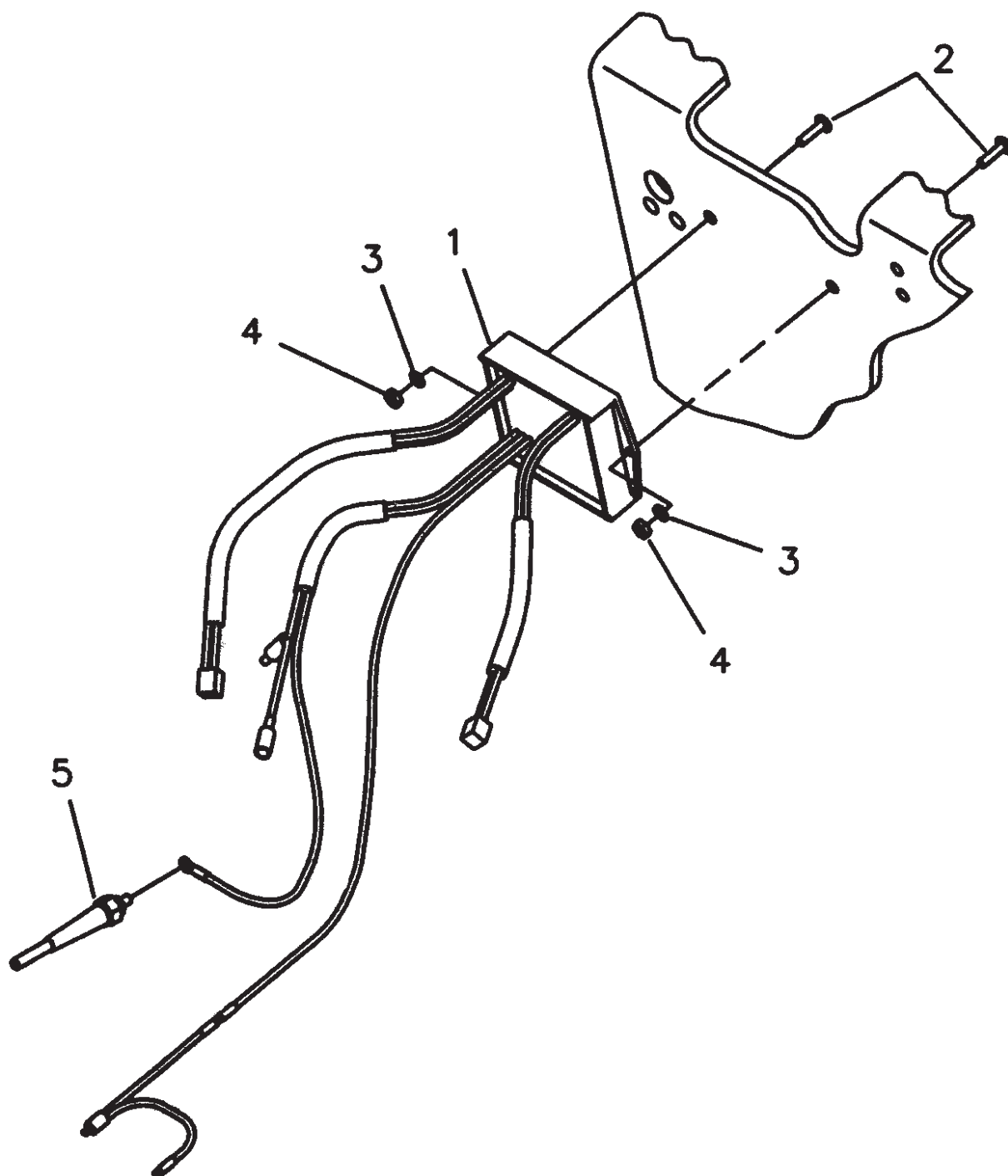
Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36264	SWITCH/PROXIMITY	1
2	650815	SCREW/MACHINE #10-24NC X 3/4	2
3	650584	WASHER/FLAT #10	8
4	650549	WASHER/LOCK #10	4
5	650550	NUT/HEX #10-24NC	4
6	330-33781	MOUNT/PROXIMITY SWITCH	1
7	360-32657	SPACER/SWITCH MOUNT	1
8	310-30337	SCREW/MACHINE #10-24NC X 1-1/2	2
9	420-36333	HARNESS/WIRE	1
10	055648	TIE/CABLE	3
11	193157	SWITCH/ACTUATOR MAGNET	1
12	193156	SWITCH/PROXIMITY	1
13	650327	SCREW/MACHINE #6-32NC X 3/4	4
14	654004	WASHER/LOCK #6	4
15	650848	WASHER/FLAT #6	4
16	650658	NUT/HEX #6-32NC	4
17	420-32422	GROMMET	1
18	040-33798	BRACKET/DOOR INTERLOCK/ROPS SIDE	1
19	040-33799	BRACKET/DOOR INTERLOCK/DOOR SIDE	1

Rearview Mirror Kit



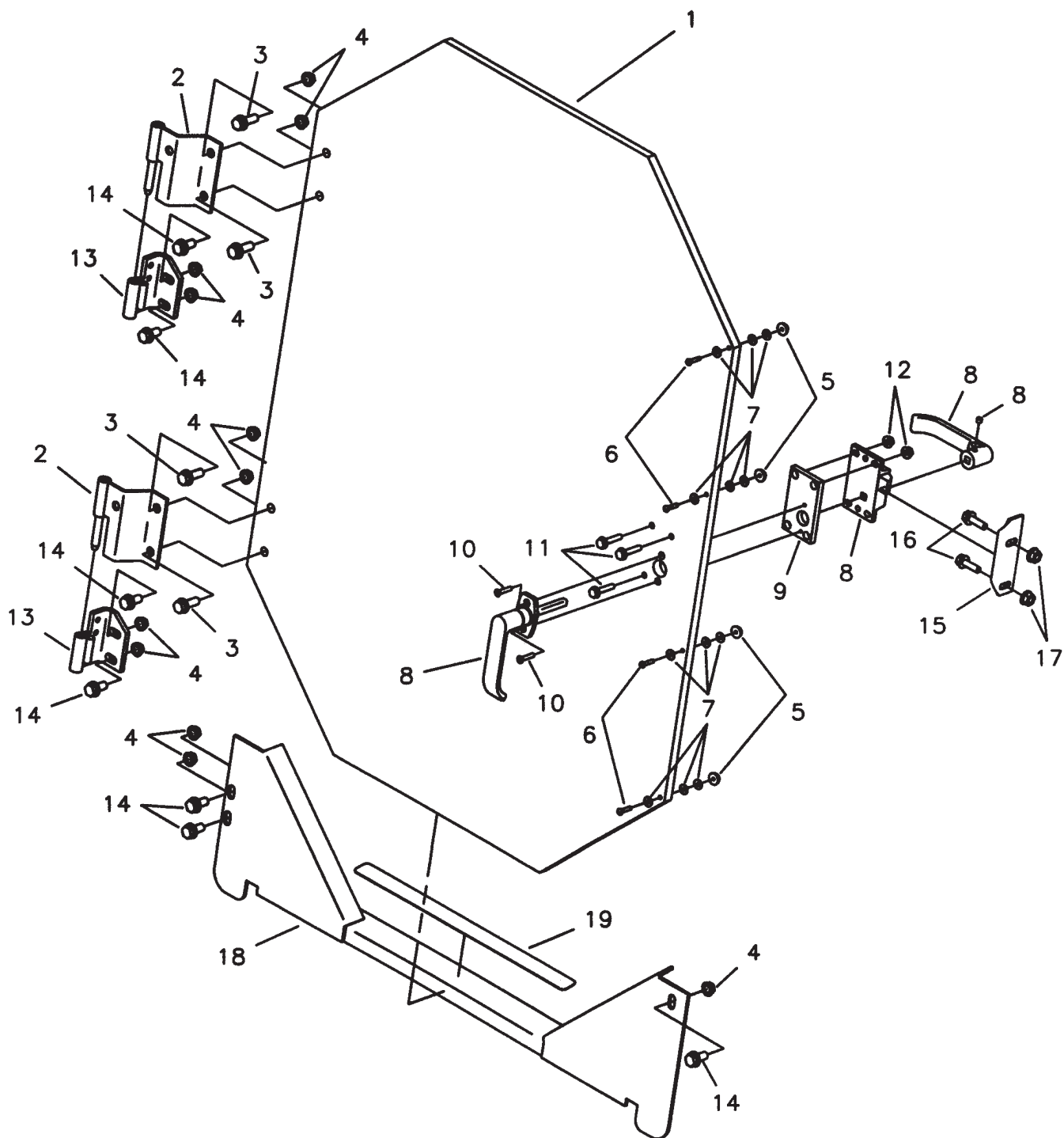
Ref. No.	Part No.	Description	Quantity 2044/2054
1	040-33383	BRACKET/MIRROR	1
2	650448	SCREW/CAP 4/1-20NC X 3/4	2
3	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	2
4	420-33166	MIRROR/REARVIEW	1

Engine Auto-Shutdown Kit



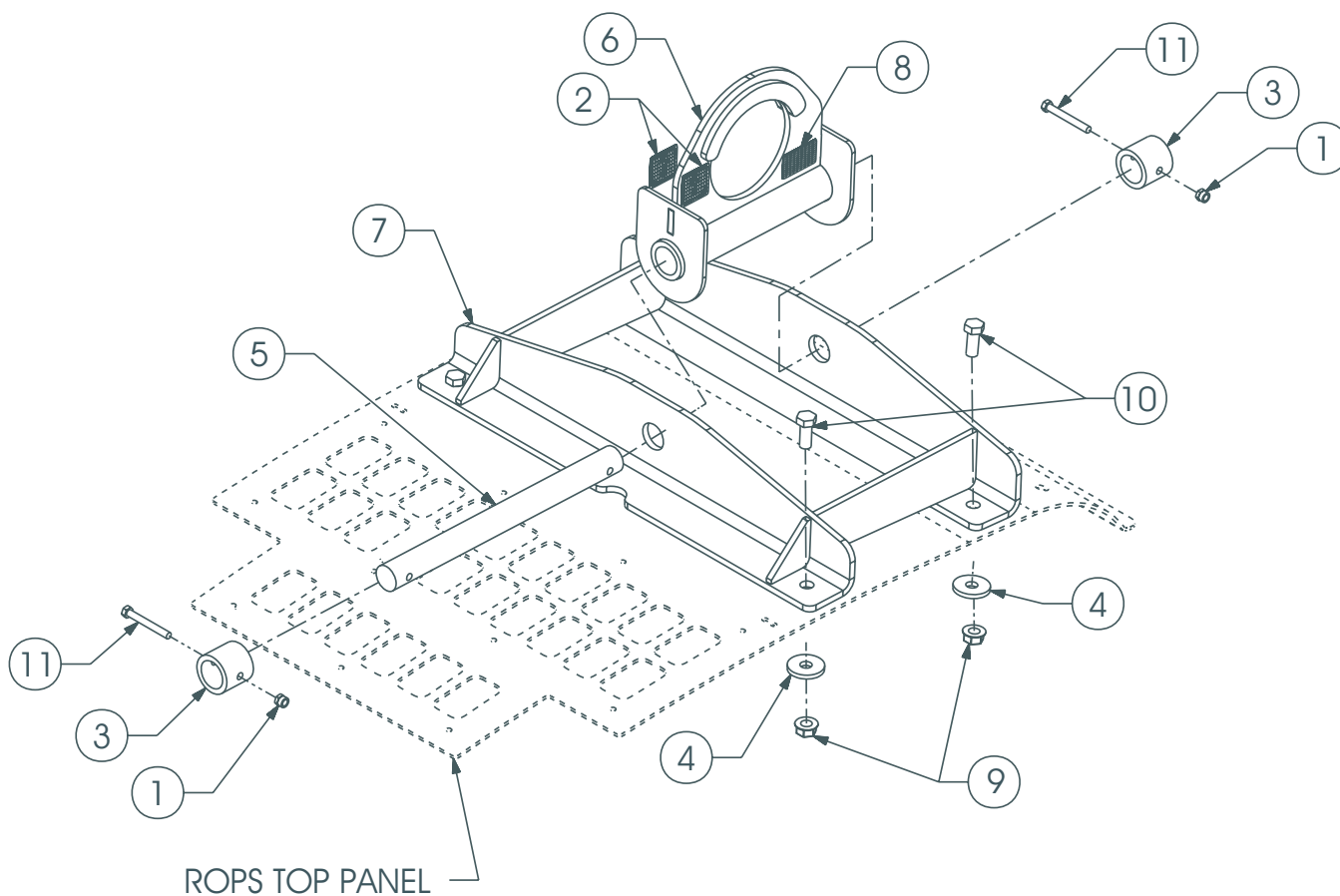
Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36280	MODULE/SHUTDOWN	1
2	310-32686	SCREW/MACHINE #8-32NC X 3/4	2
3	654035	WASHER/LOCK #8	2
4	653002	NUT/HEX #8	2
5	420-35939	PROBE/ENGINE COOLANT/RADIATOR	1
	055648	TIE/WIRE (NOT SHOWN)	10

Impact-Resistant Door Kit



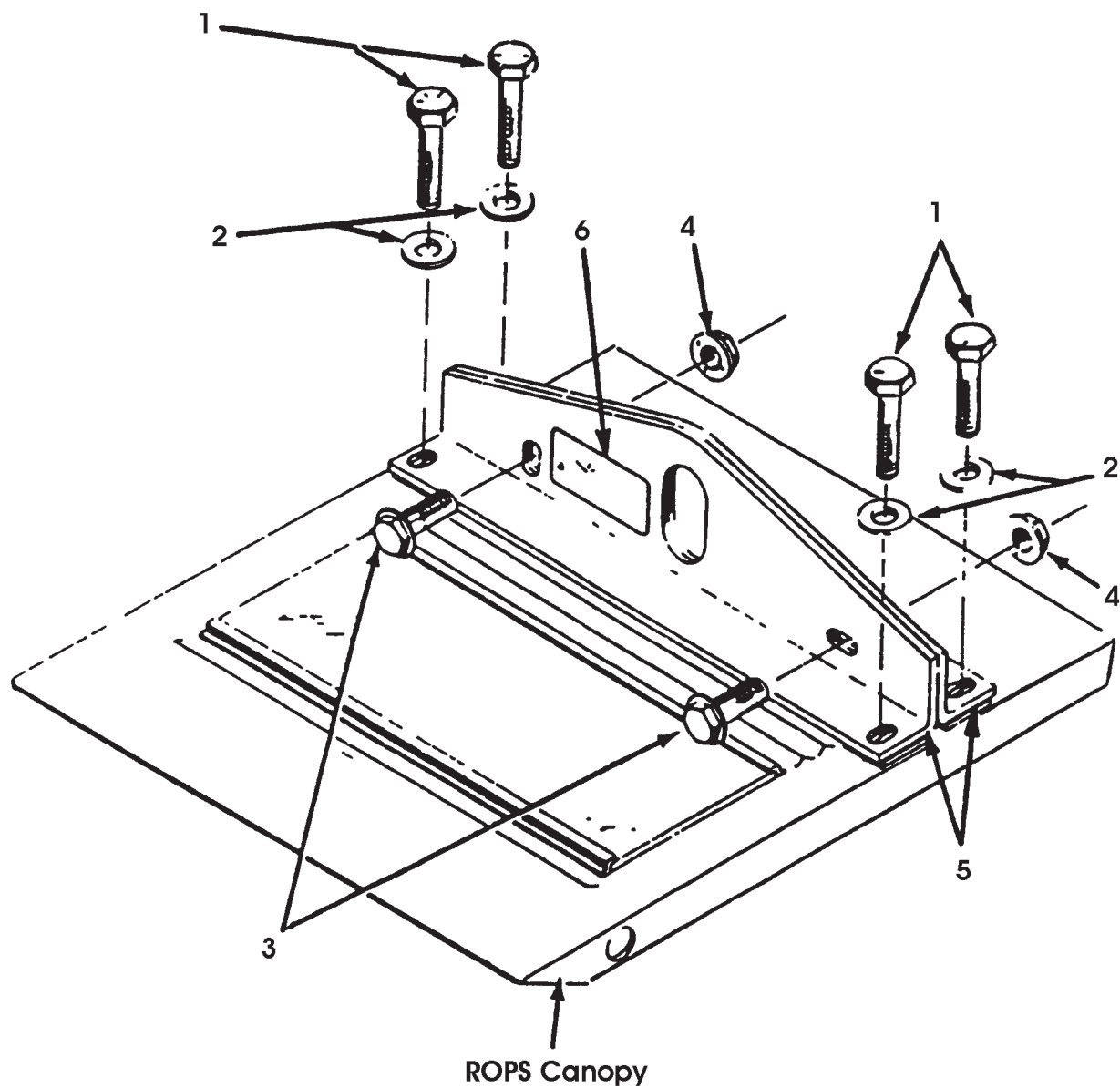
Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-36025	DOOR/IMPACT-RESISTANT	1
2	480-43986	HINGE	2
3	076589	SCREW/CAP WHIZLOCK 3/8-16NC X 1	4
4	070856	NUT/HEX WHIZLOCK 3/8-16NC	11
5	420-36027	BUMPER/RUBBER	4
6	310-32288	SCREW/MACHINE #8-32NC X 3/4	4
7	650606	WASHER/FLAT #8	12
8	189064	ASSY/DOOR LOCK AND HANDLE	1
	420-35399	KEY/DOOR (NOT SHOWN)	1
	650195	SCREW/SET 1/4-20NC X 1/4	1
9	360-32582	SPACER/DOOR LATCH	1
10	310-32670	SCREW/CAP FLAT HEAD SOCKET #10-24NC X 1	2
11	310-19472	SCREW/CAP WHIZLOCK 1/4-20NC X 1-1/4	3
12	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	3
13	040-33560	HINGE	2
14	076588	SCREW/CAP	7
15	040-33654	STRIKE	1
16	064354	SCREW/CAP WHIZLOCK 5/16-18NC X 1	2
17	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2
18	330-33711	THRESHOLD	1
19	420-35244	TAPE/SAFETY WALK	1

Single-Point Lift Kit 810834
2044: SN P4301 and Up
2054: SN V6801 and Up



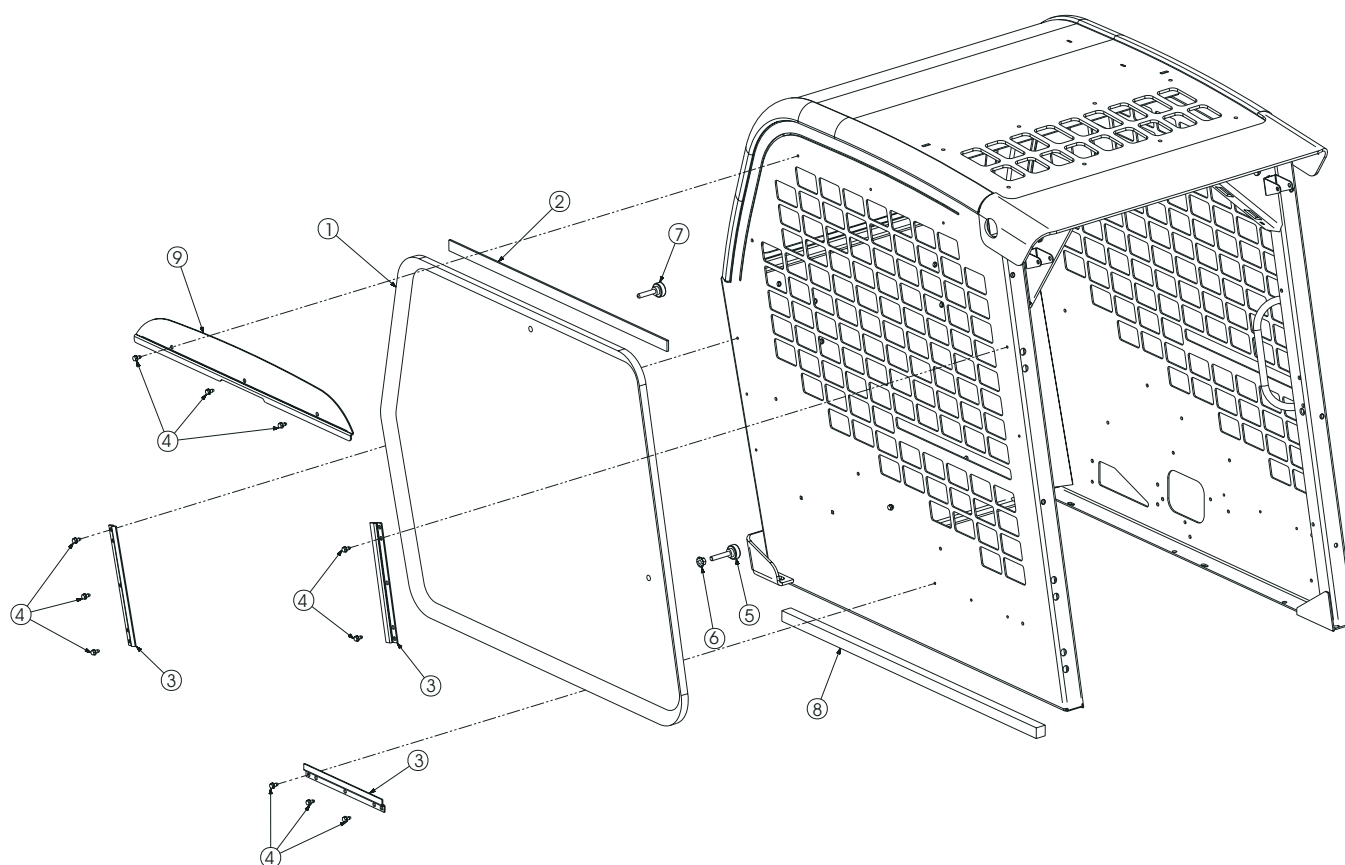
Ref. No.	Part No.	Description	Quantity 2044/2054
1	067847	NUT/HEX 3/8	2
2	137718	DECAL/LIFT HOOK	2
3	138669	TUBE/LOCKING	2
4	480-27676	WASHER/FLAT	4
5	188050	ROD/LIFT SUPPORT	1
6	188053	WELDMENT/LIFT EYE ASSY	1
7	191072	WELDMENT/ SINGLE POINT LIFT	1
8	188137	PLATE/NAME	1
9	210-20570	NUT/SERRATED PLATED	6
10	650532	SCREW/CAP 5/8 X 1-1/2	4
11	650818	SCREW/CAP 3/8 X 3	2

Single-Point Lift Kit
2044: SN P4300 and Before
2054: SN V6800 and Before



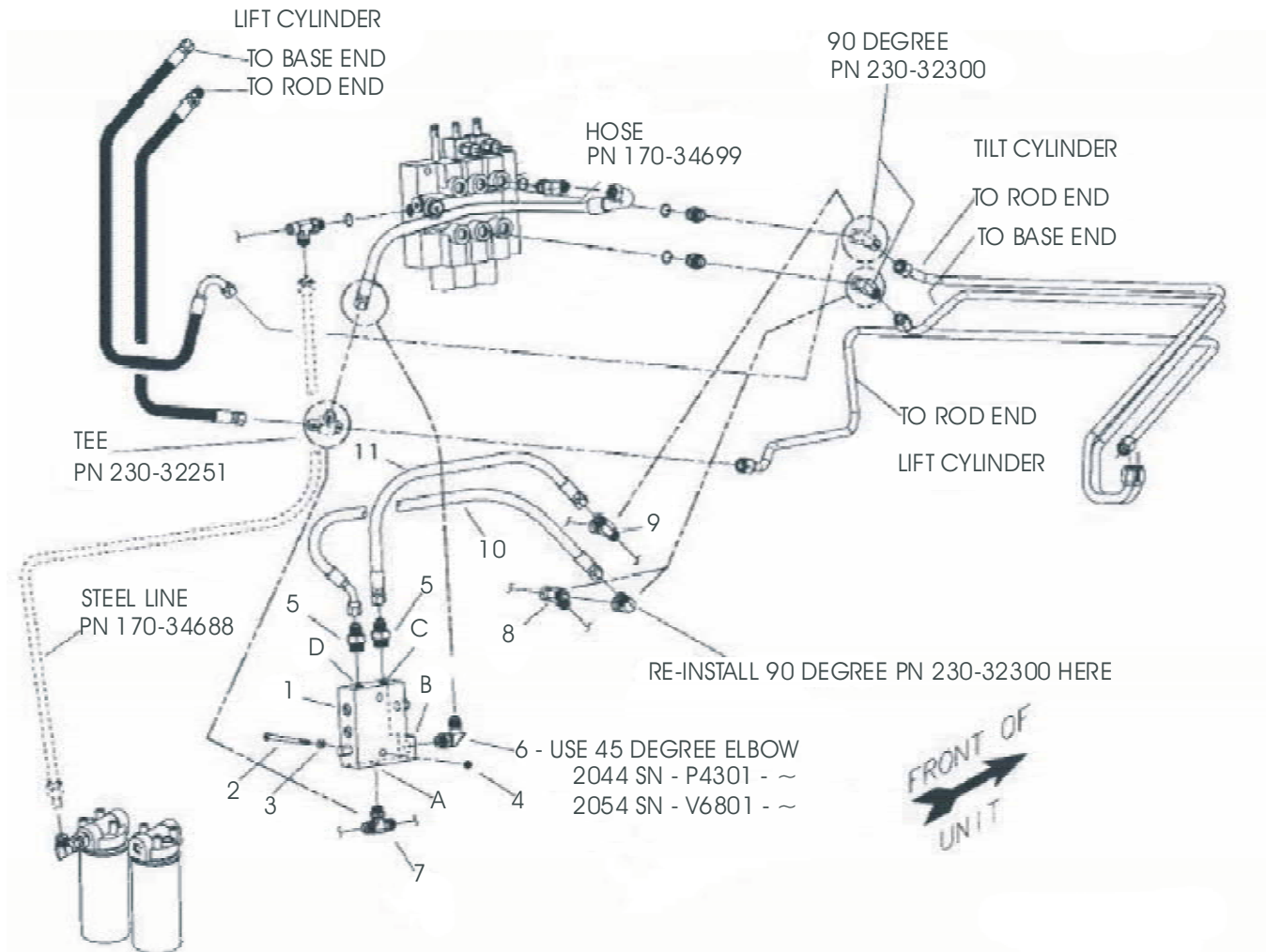
Ref. No.	Part No.	Description	Quantity 2044/2054
	655-090	KIT/SINGLE POINT LIFT	1
1	651368	SCREW/CAP 1/2-13NC X 2-1/4	4
2	400-32315	WASHER/SPECIAL	4
3	310-27198	SCREW/CAP WHIZLOCK 1/2-13NC X 1-1/2	2
4	081374	NUT/HEX WHIZLOCK 1/2-13NC	2
5	040-33434	BRACKET/LIFT (INCLUDES ITEM 6)	2
6	420-34797	DECAL/CAUTION	2

Full-Sliding Glass Kit 490-33306



Ref. No.	Part No.	Description	Quantity 2044/2054
1	420-35692	SLIDING WINDOW ASSY. R.H.	1
	420-35693	SLIDING WINDOW ASSY. L.H.	1
2	175231	WEATHER STRIP 66"	4
3	390-32767	SUPPORT/SIDE WINDOW	8
4	650315	SCREW/HEX HD SELF TAP 1/4-20NCX1/2	20
5	420-35741	PULL HANDLE W/JAM NUT	2
6	070856	NUT HEX 3/8-16NC	2
7	420-35740	FRICTION LOCK-KNOB {5,6, AND 7 COME W/WINDOWS}	2
8	420-35354	WEATHER STRIPPING	2
9	175109	SUPPORT/SIDE WINDOW TOP	2

Self-Leveling Valve Kit 490-33382

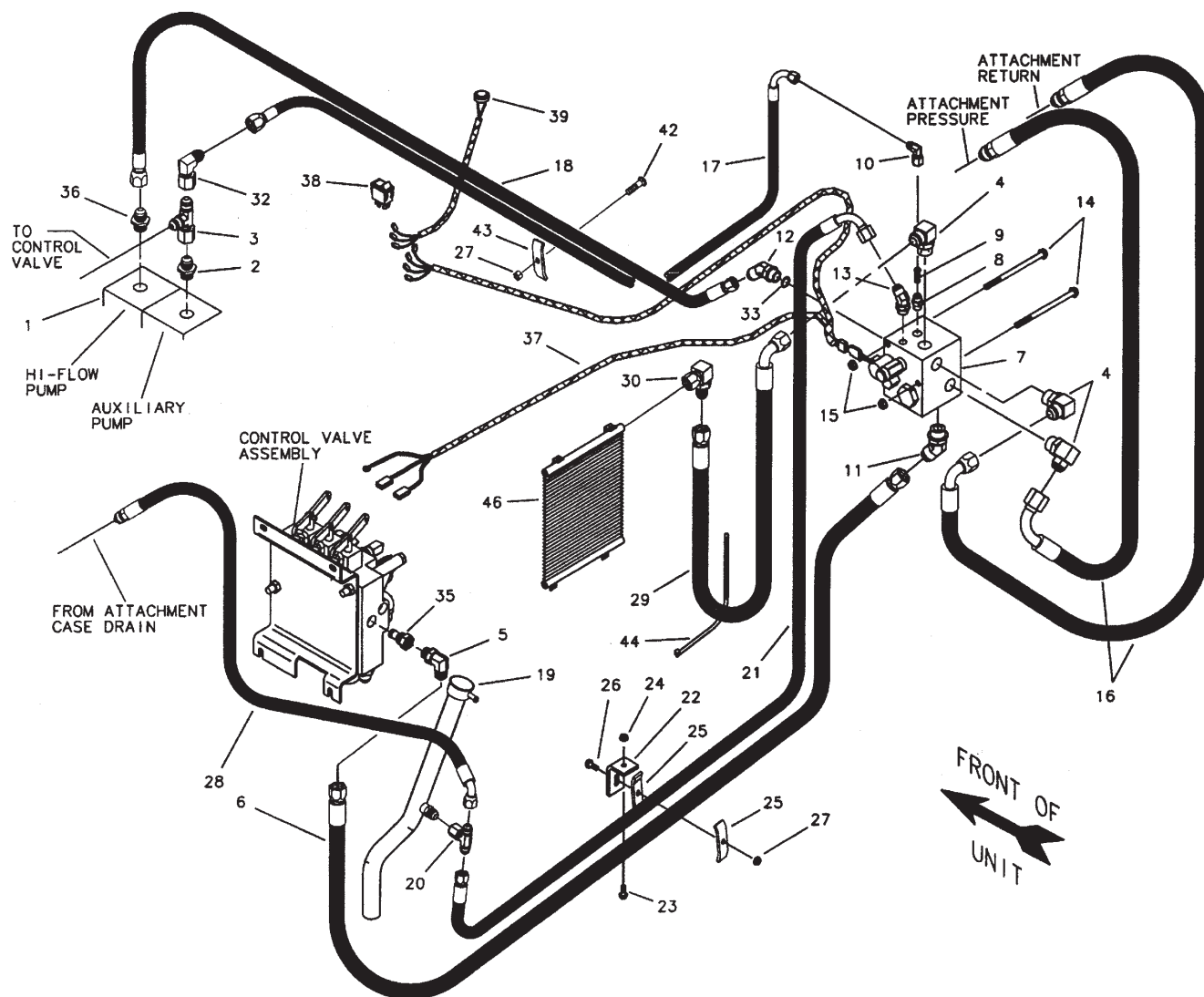


Ref. No.	Part No.	Description	Quantity 2044/2054
1	170-34606	VALVE/SELF LEVELING	1
2	652040	BOLT/CARRIAGE 5/16-18NC X 2 1/2	2
3	654024	WASHER/FLAT 3/8	2
4	071701	NUT/HEX CENTER LOCK 5/16-18NC	2
5	089099	CONNECTOR/STRAIGHT 7/8 SAE-3/4 JIC	2
6	062397B	ELBOW/45°	1
	067761A	ADJUSTABLE ELBOW 90° 7/8 SAE-7/8 JIC	1
7	230-32503	ADJUSTABLE RUN TEE 7/8 SAE-7/8 JIC	1
8	058610	TEE/SWIVEL FEMALE, SIDE OUTLET 7/8 JIC	1
9	067460	TEE/SWIVEL FEMALE RUN 7/8 JIC	1
10	170-34721	HYDRAULIC HOSE AND TUBE ASSEMBLY	1
11	170-34720	HYDRAULIC HOSE ASSEMBLY	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

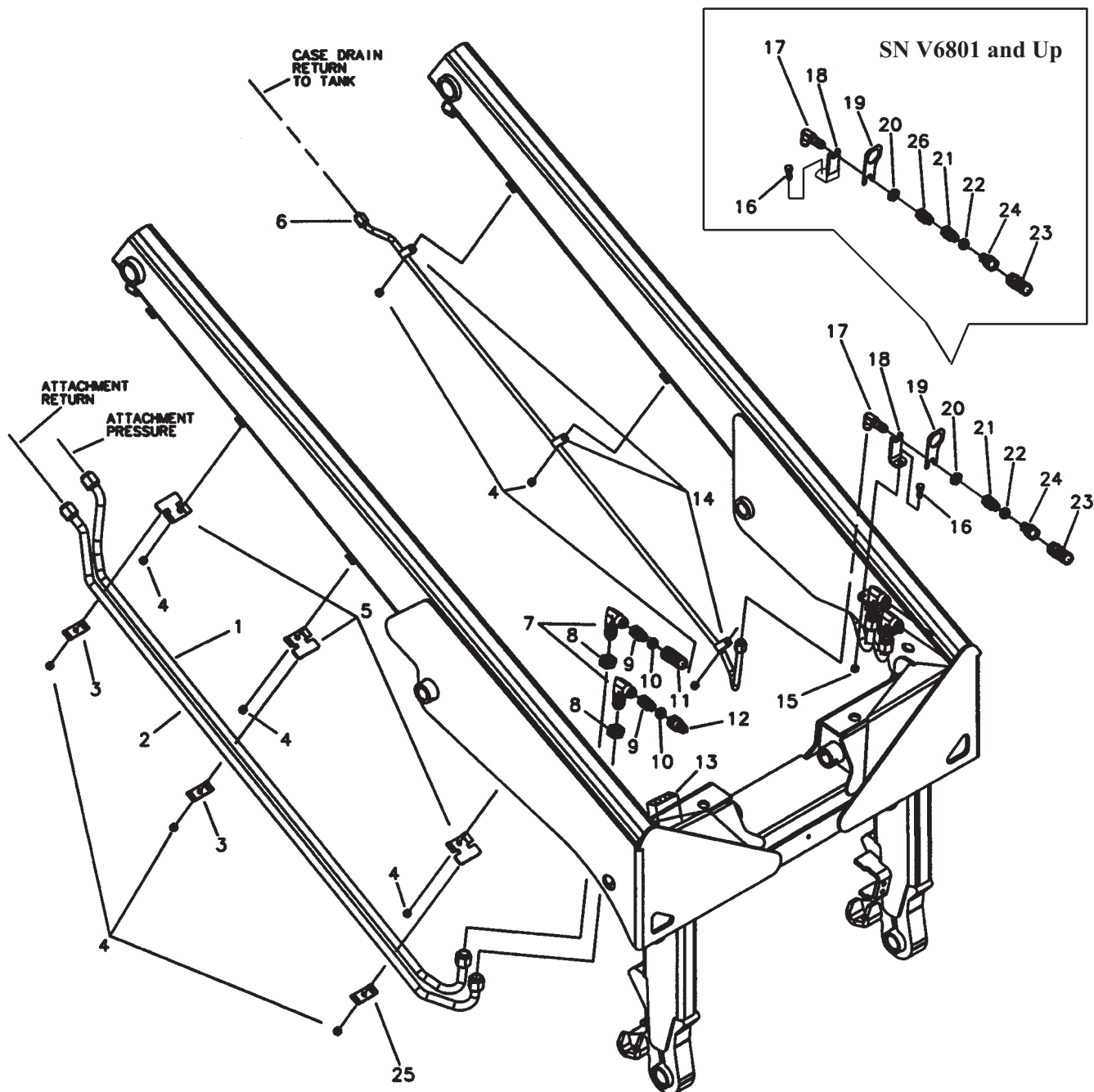
B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

High-Flow Hydraulics Kits - 2054 Models 490-33575 - Dual Lever 490-33576 - T-Bar



Ref. No.	Part No.	Description	Quantity 2054
1	170-34937	PUMP/HIGH FLOW	1
2	072602	FITTING/STRAIGHT 7/8 X 1-1/16	1
3	058610	FITTING/TEE SWIVEL 7/8	1
4	055005	ELBOW/90° 1-1/16	3
5	067761	ELBOW/90° 7/8	1
6	170-34933	HOSE ASSEMBLY/HYDRAULIC	1
7	246-26672	VALVE/PACKAGE LINE	1
8	054994	FITTING/STRAIGHT 9/16	1
9	170-34882	SCREEN/IN-LINE	1
10	091039	ELBOW/90° SWIVEL 9/16	1
11	055064	ELBOW/45° 1-1/16	1
12	062397	ELBOW/45° 7/8	1
13	230-32739	ELBOW/45° 9/16	1
14	651163	SCREW/CAP 3/8 X 4-3/4	2
15	210-19533	NUT/LOCK 3/8	2
16	170-34931	ASSEMBLY/HOSE AND TUBE	2
17	170-34935	ASSEMBLY/HOSE AND TUBE	1
18	170-34930	ASSEMBLY/HOSE AND TUBE	1
19	170-34936	TUBE/FILL	1
20	088935	FITTING/TEE SWIVEL 3/4	1
21	170-34934	ASSEMBLY/HOSE AND TUBE	1
22	040-33706	BRACKET/HOSE	1
23	650487	SCREW/CAP 5/16 X 1	1
24	210-19470	NUT/LOCK 5/16	1
25	390-15909	CLAMP/HOSE	2
26	652055	BOLT/CARRIAGE 3/8 X 2-1/4	1
27	071703	NUT/LOCK 3/8	2
28	170-34932	ASSEMBLY/HOSE AND TUBE	1
29	170-34200	ASSEMBLY/HOSE AND TUBE	1
30	075235	ELBOW/90° SWIVEL 1-1/16	1
31	055897	O-RING 9/16	1
32	065415	ELBOW/90° SWIVEL 7/8	1
33	350-32424	O-RING 7/8	4
34	350-27267	O-RING 1-1/16	5
35	170-34938	SLEEVE/POWER BEYOND	1
36	089099	FITTING/STRAIGHT 7/8 X 3/4	1
37	420-36014	HARNESS/WIRE	1
38	090-32484	SWITCH	1
39	420-36176	SWITCH/ALTERNATE ACTION	1
40	420-35850	DECAL/HIGH FLOW (NOT SHOWN - NS)	1
41	420-36293	DECAL/HIGH FLOW (NS)	1
42	030-21846	BOLT/CARRIAGE 3/8 X 2	1
43	170-19764	CLIP/HYDRAULIC LINE	1
44	420-34304	TIE/CABLE	1
45	420-36015	DECAL/AUX PORT/HIGH FLOW	1
46	170-34928	COOLER/OIL	1

High-Flow Hydraulics Kits - 2054 Models 490-33575 - Dual Lever 490-33576 - T-Bar

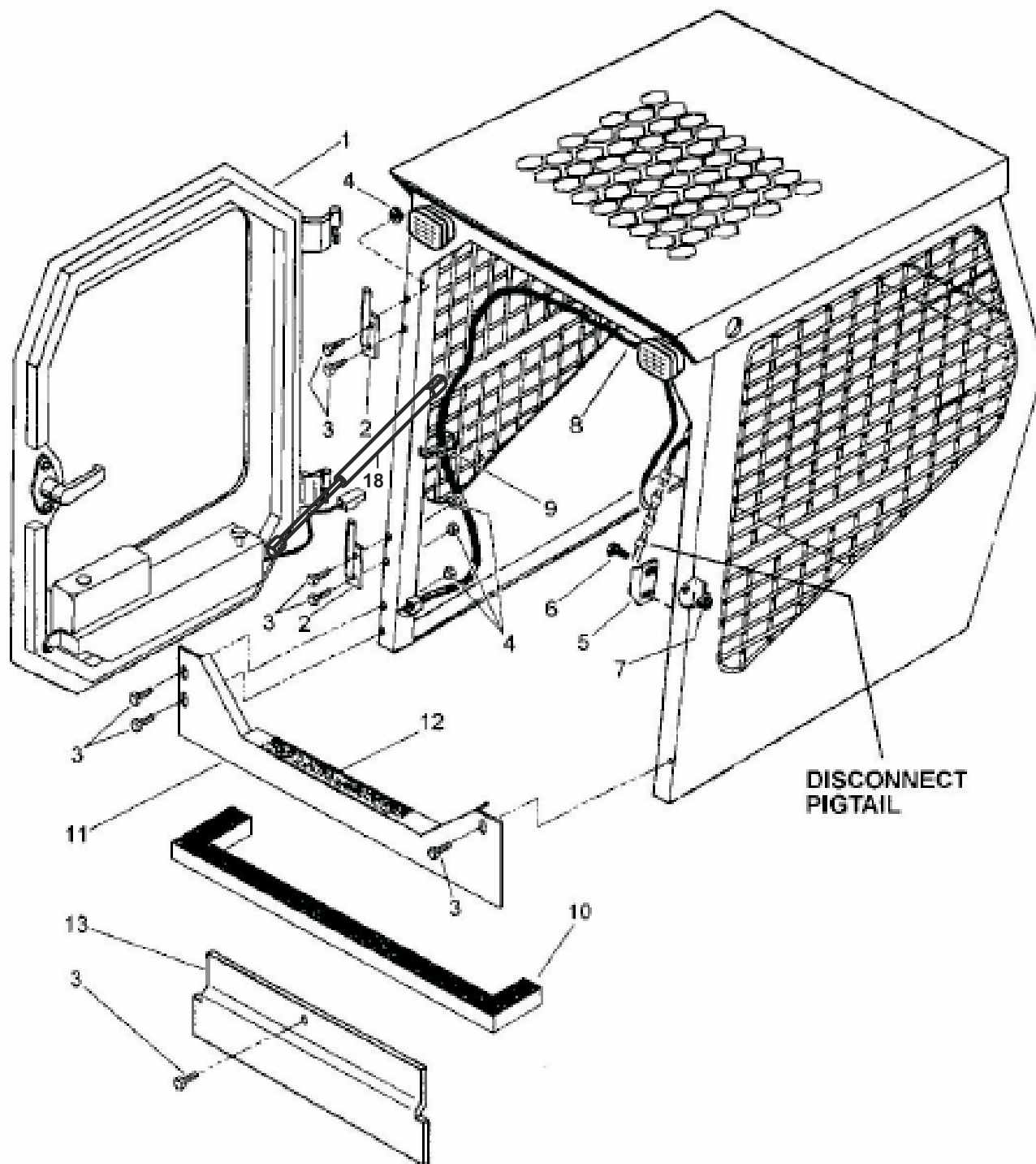


Ref. No.	Part No.	Description	Quantity 2054
1	170-34907	HYDRAULIC LINE/INNER	1
2	170-34906	HYDRAULIC LINE/OUTER	1
3	170-19764	CLAMP/HYDRAULIC LINE	2
4	071703	NUT/LOCK 3/8	3
5	390-32809	CLIP/HYDRAULIC LINE	3
6	170-34920	HYDRAULIC LINE/CASE DRAIN	1
7	230-32674	ELBOW/90° BULKHEAD 1-1/16	2
8	210-32027	NUT/LOCK 1-1/16	2
9	230-32701	FITTING/STRAIGHT 1-1/16	2
10	350-27267	O-RING 1-1/16	2
11	100-32167	COUPLER/FEMALE	1
12	100-32164	COUPLER/MALE	1
13	420-36015	DECAL/AUX PORT/HIGH FLOW	1
14	420-33322	CLIP/INSULATED	3
15	070856	NUT/LOCK 3/8	1
16	650490	SCREW/CAP 3/8 X 1	1
17	088442B	ELBOW/SWIVEL	1
	230-21555A	ELBOW/90° BULKHEAD 3/4	1
18	040-33700	BRACKET/CASE DRAIN TUBE	1
19	040-33707	BRACKET/ELECTRICAL MOUNT	1
20	210-21556	NUT/LOCK 3/4	1
21	230-32553	FITTING/STRAIGHT 3/4	1
22	350-32423	O-RING 3/4	1
23	100-32169	QUICK COUPLER/ FEMALE 3/4	1
24	100-32168	QUICK COUPLER/MALE 3/4	1
25	390-32743	STRAP	1
26	133096	ST BLK F108 FL08	1

A) 2044: SN P4300 AND BEFORE. 2054: SN V6800 AND BEFORE

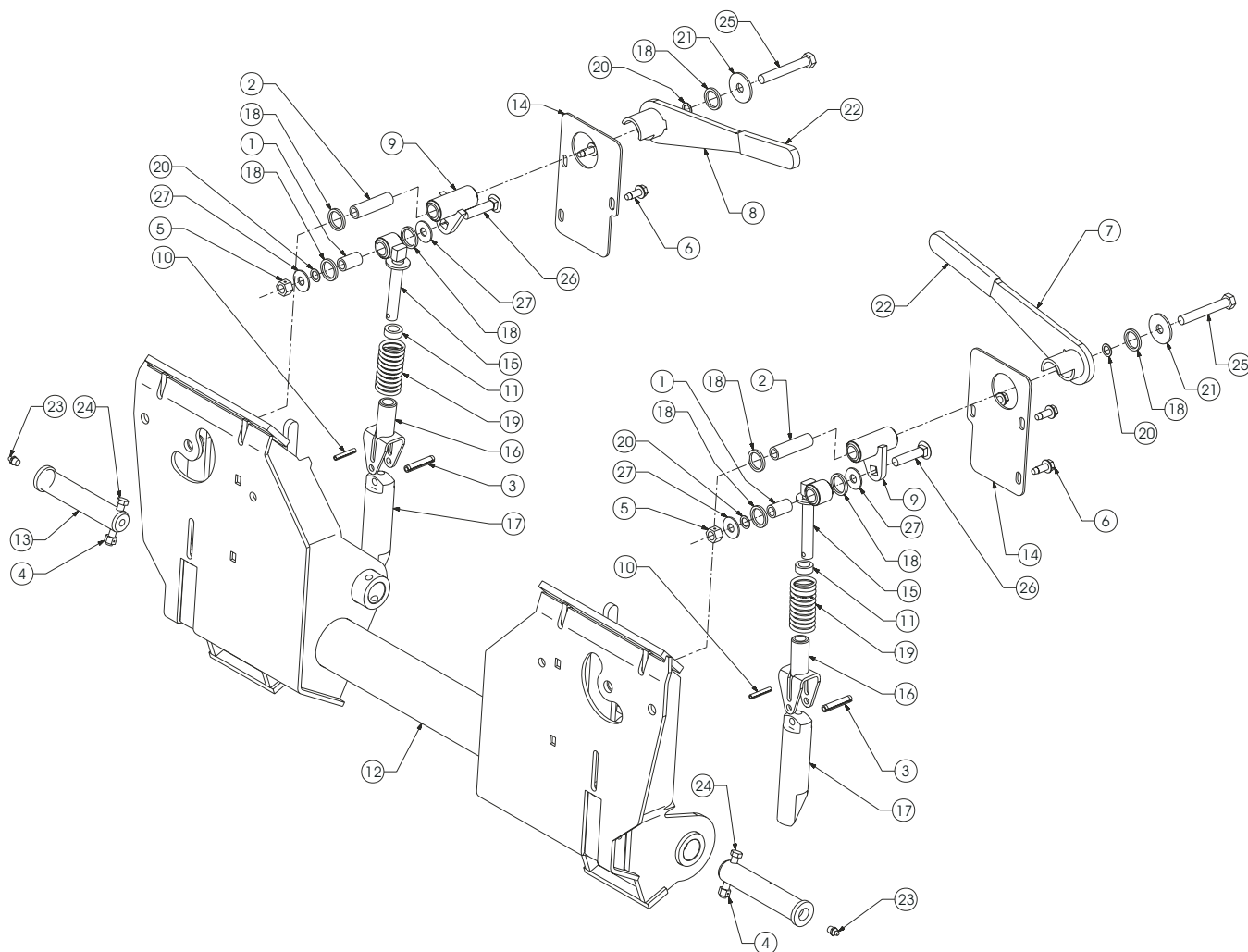
B) 2044: SN P4301 AND UP. 2054: SN V6801 AND UP

Cab Door Kit 490-33374



Ref. No.	Part No.	Description	Quantity 2044/2054
1	246-26566	ASSY/CAB DOOR COMPLETE	1
	420-35399	KEY (SET OF 2)	1
2	040-33560	HINGE	2
3	076588	SCREW/CAP WHIZLOCK 3/8-16NC X 3/4	8
4	070856	NUT/HEX WHIZLOCK 3/8-16NC	7
5	040-33654	PLATE/STRIKE	1
6	064354	SCREW/CAP WHIZLOCK 5/16-18NC X 1	2
7	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2
8	420-35694	WIRE HARNESS/WINDSHIELD WIPER/ROPS END	1
9	055648	TIE/CABLE	2
10	420-35982	WEATHER STRIP/UNDER THRESHOLD	1
11	330-33711	THRESHOLD	1
12	420-35244	TAPE/SAFETY WALK	1
13	330-33673	COVER/FRONT	1
14	420-36355	FOAM/STRIP	2
15	420-36356	FOAM/STRIP	1
16	076147	CLIP/INSULATED	1
17	653034	NUT/HEX JAM 5/16	2
18	138263	SPRING/GAS ASSIST	1
	132493	CLIP/GAS SPRING	2
	122485	STUD/BALL	2
	653034	NUT/HEX JAM 5/16	4

Fast-A-Tach™ Kit 175240
2044: SN P4301 and Up
2054: SN V6801 and Up

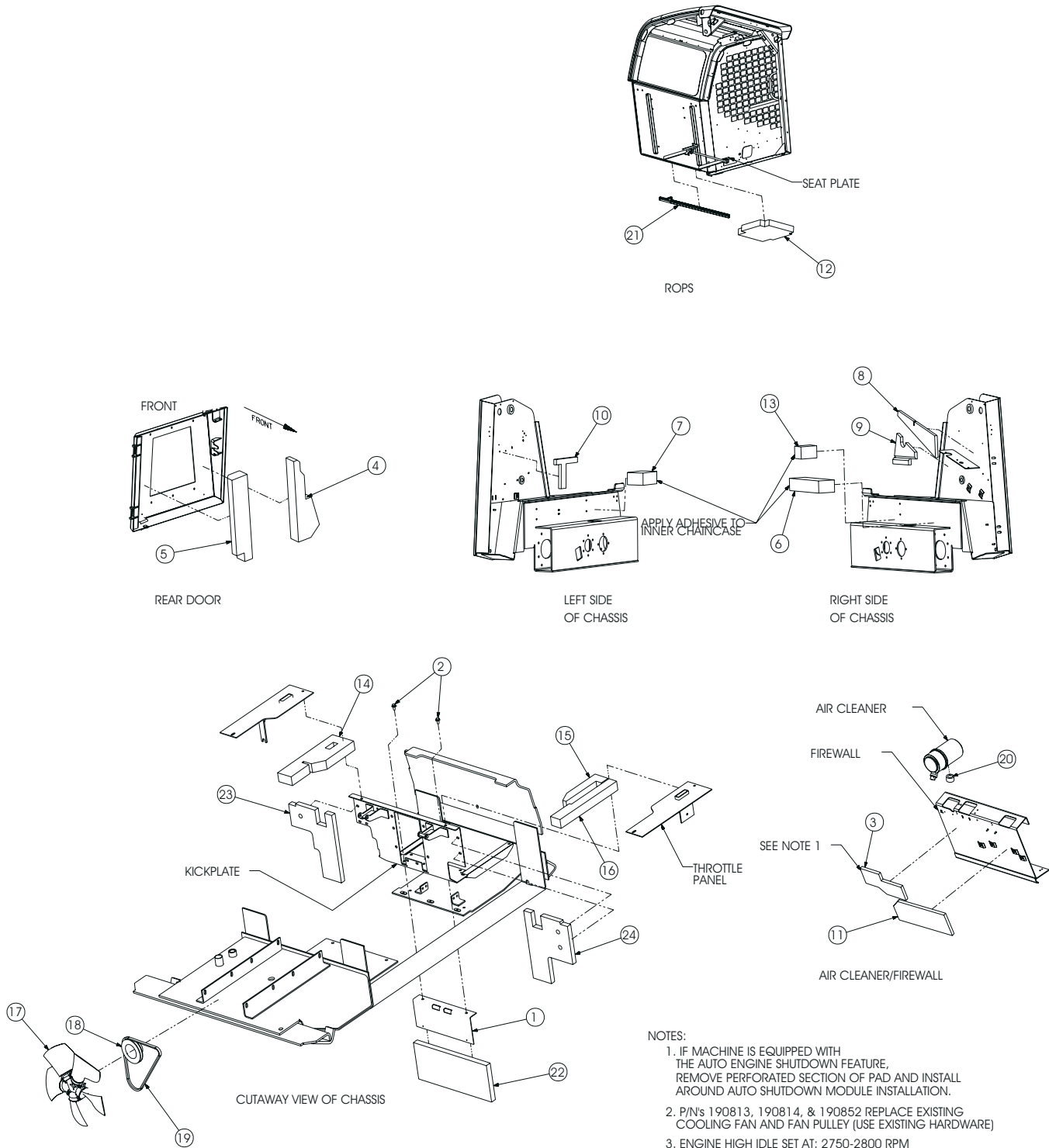


Ref. No.	Part No.	Description	Quantity Fast-A-Tach™
	175121	FAST-A-TACH™ COMPLETE	1
1	045-31440	BUSHING/OILITE	2
2	045-31469	BUSHING/OILITE	2
3	062756	PIN/SPRING 3/8 X 2	2
4	071703	NUT/LOCK 3/8	2
5	071706	NUT/HEX CENTERLOCK 12-13NC	2
6	072330	SCREW/TAPPING THWH TF USL 3/8 X 1	6
7	090-32462	HANDLE/LEFT	1
8	090-32463	HANDLE/RIGHT	1
9	090-32464	LEVER	2
10	13E24	PIN/ROLL 1/4 X 1-1/2	2
11	140053	BUSHING/SPACER	2
12	174947	WELDMENT/TWO-PIN ATTACHMENT	1
13	174969	PIN/PIVOT	2
14	175015	COVER/LATCH	2
15	200-32586	ROD/LINK	2
16	200-32587	CLEVIS	2
17	220-32632	PIN/LATCH	2
18	350-32502	RING/QUAD	8
19	380-32382	SPRING/COMPRESSION	2
20	400-21033	WASHER/SPECIAL	4
21	400-30803	WASHER/SPECIAL	2
22	420-18757	GRIP/HANDLE	2
23	570002	ZERK/GREASE	2
24	650492	SCREW/CAP 3/8 X 2-1/2	2
25	650650	SCREW/CAP 1/2-13NC X 3-1/2	2
26	650740	BOLT/CARRIAGE 1/2-13NC X 2-1/4	2
27	654046	WASHER/FLAT 7/16	4

Sound Suppression Kit 810828

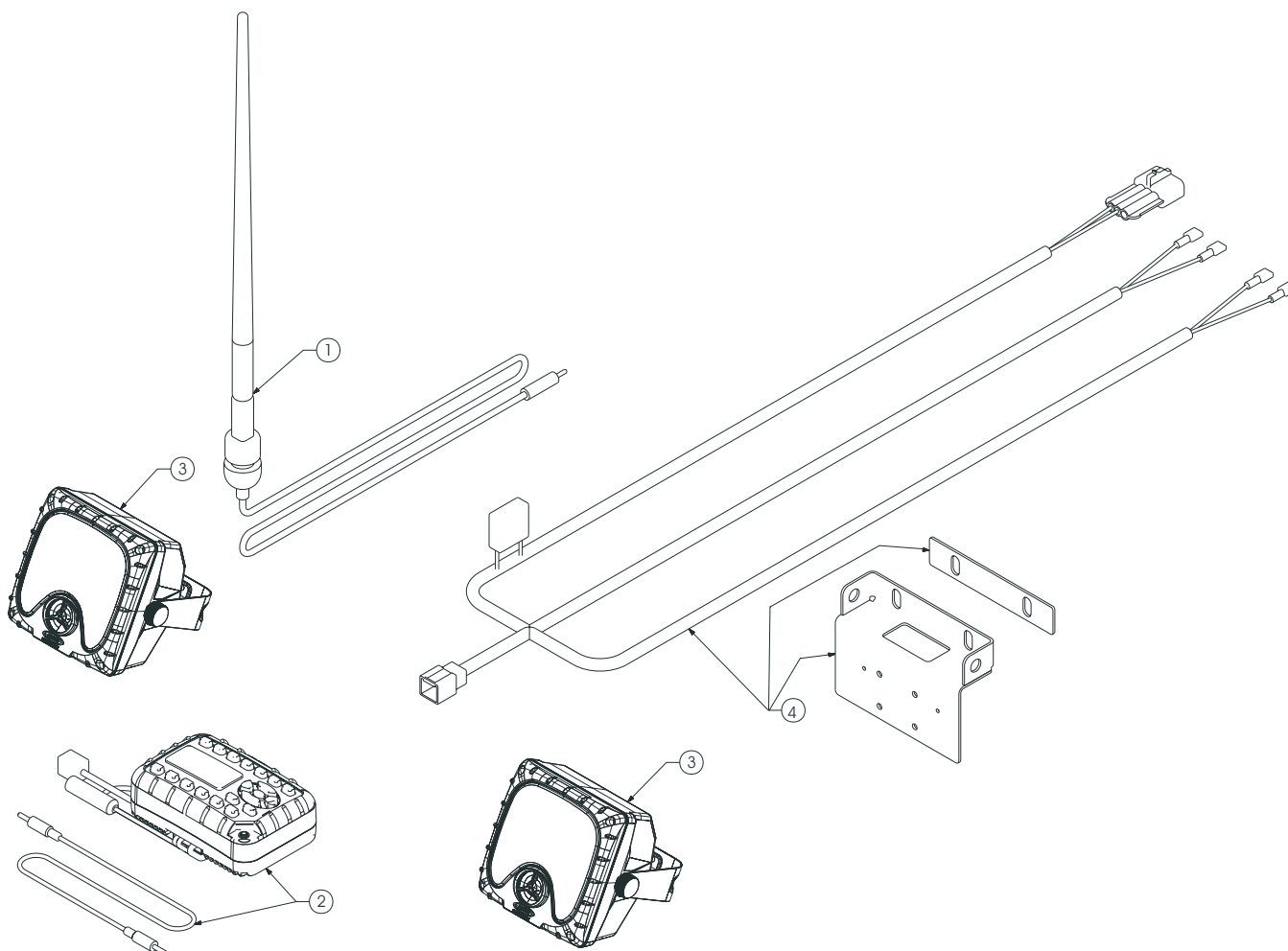
2044: SN P4301 and Up

2054: SN V6801 and Up



Ref. No.	Part No.	Description	Quantity 2044/2054
1	040-33655	WELDMENT/HYDRO BARRIER SUPPORT	1
2	076588	SCREW/CAP WHIZLOCK 3/8 X 3/4	2
3	190259	PAD/SOUND FIREWALL	1
4	190260	PAD/SOUND REAR DOOR LEFT	1
5	190262	PAD/SOUND REAR DOOR RIGHT	1
6	190263	PAD/SOUND CHAINCASE RIGHT	1
7	190264	PAD/SOUND CHAINCASE LEFT	1
8	190271	PAD/SOUND ENGINE RIGHT UPPER	1
9	190274	PAD/SOUND ENGINE RIGHT LOWER	1
10	190276	PAD/SOUND ENGINE COMPARTMENT LEFT	1
11	190278	PAD/SOUND FIREWALL RIGHT LOWER	1
12	190715	PAD/SOUND UNDER SEAT	1
13	190716	PAD/SOUND CHAINCASE FRONT RIGHT	1
14	190717	PAD/SOUND SEAT LEFT	1
15	190718	PAD/SOUND SEAT RIGHT INNER	1
16	190719	PAD/SOUND SEAT RIGHT OUTER	1
17	190813	FAN/COOLING 17" 5-BLADE	1
18	190814	PULLEY/V-GROOVED 130 MM	1
19	190852	V-BELT 39"	1
20	191404	PAD/FOAM DONUT	1
21	420-35859	SEAL/BULB	1
22	420-35943	FOAM/TUNNEL	1
23	420-36049	FOAM/KICKPLATE LEFT	1
24	420-36050	FOAM/KICKPLATE RIGHT	1

Universal Radio Kit 810946



Ref. No.	Part No.	Description	Qty. Req.
1	184507	ANTENNA/RADIO	1
2	192454	RADIO/AM-FM-WB	1
3	192764	SPEAKER/PAIR 3-1/2	1
4	410010	KIT/UNIVERSAL INSTALL	1
	192763	HARNESS/RADIO/AM-FM-WB	1

OTHER AVAILABLE ACCESSORIES

Universal AM-FM-WB Radio Kit	810946
Keys for Cab Doors (set of two)	420-35399
M44 Pump and Charge Filter Kit.	190583
175537 Lift Arm Support Device Kit	490-23325*
* 175537 replaces 040-16644 part number in this kit.	
Vinyl Cab Enclosure Kit (2044: SN P4301 and Up. 2054: SN V6801 and Up).	810833
Vinyl Cab Enclosure Kit (2044: SN P4300 and Before. 2054: SN V6800 and Before).	490-33250
Hitch Adapter/Two-Pin to One-Pin.	490-33465
Adapter/Plate	490-33141
Cylinder/Grapple Bucket	170-34618
Kit/Repair Grapple Bucket Cylinder	190-32388
Hitch Adapter/Three-Point.	505-500
Cylinder/Grapple Fork 2054	170-34297
Cylinder/Grapple Fork 2044	170-20850
Kit/Repair Grapple Fork Cylinder 2054	190-32386
Kit/Repair Grapple Fork Cylinder 2044	190-18477
Kit/Four-Point Lift (2044: SN P4300 and Before. 2054: SN V6800 and Before)	490-33282*
* This kit has been replaced by the Four Point Lift Package, part number 490-33472.	

SECTION NOTES

Ref. No.	Part No.	Description	Quantity 2044	Quantity 2054
1	184218B	ENGINE/YANMAR 4TNV88 (SERVICE PARTS LISTED NEXT)	1	1
	137500	FILTER/OIL, 182130 FILTER/FUEL, 188636 ALTERNATOR, 188586 STARTER, 188497 V-BELT, 184379 BRACKET/FUEL PUMP	1	-
	981-01916A	ENGINE/YANMAR 4TNE84	1	-
	981-01889A	ENGINE/YANMAR 4TNE88	-	1
2	040-33581	BRACKET/THROTTLE CABLE	1	1
3	656001	SCREW/CAP M8-1.25 X 20 MM	2	2
4	656110	WASHER/LOCK M10	3	3
5	654004	WASHER/FLAT 5/16	2	2
6	184380B	WIRE HARNESS/ENGINE END	1	1
	420-35799A	WIRE HARNESS/ENGINE END	1	1
	055648	TIE/CABLE SHORT	3	3
	074091	TIE/CABLE LONG	1	1
7	136226	CLIP/INSULATED	2	2
8	656006	SCREW/CAP M10-1.50 X 20 MM	2	2
9	654028	WASHER/LOCK 7/16	2	2
11	420-35852	WIRE/GROUND	1	1
12	075028	CABLE/BATTERY NEGATIVE (-)	1	1
13	076589	SCREW/CAP WHIZLOCK 3/8-16NC X 1	1	1
14	070856	NUT/HEX WHIZLOCK 3/8-16NC	5	5
15	420-34769	CABLE/BATTERY POSITIVE (+)	1	1
16	090-32042	CABLE/THROTTLE	1	1
17	200-32287	YOKE	2	1
18	650648	NUT/HEX #10-32NF	2	2
19	220-16148	PIN/CLEVIS 1/4 X 1	2	1
20	655001	PIN/COTTER 1/16 X 3/4	2	1
21	090-32479	HANDLE/THROTTLE	1	1
22	420-34900	GRIP/THROTTLE	1	1
23	310-32622	SCREW/CAP 3/8-16NC X 1-3/8	1	1
24	400-32476	WASHER/FRICTION	1	1
25	124078	WASHER/BELLEVILLE 3/8	2	2
26	210-19533	NUT/HEX FLANGED CENTERLOCK 3/8-16NC	1	1
27	230-32605	ADAPTER/SPECIAL	1	1
28	170-34456	HOSE/HYDRAULIC	1	1
29	230-19504	PLUG	1	1
30	REF	BATTERY 700 CCA	1	1
31	160-32899	PLATE/BATTERY SUPPORT	1	-
	160-32860	PLATE/BATTERY SUPPORT	-	1
32	650834	BOLT/CARRIAGE 1/2-13NC X 1-1/2	1	-
	070856	NUT/HEX WHIZLOCK 3/8-16NC	-	3
33	390-32773	CLAMP/BATTERY HOLDDOWN	1	1
34	040-33432	STOP/BATTERY	1	1
35	030-19655	BOLT/CARRIAGE 5/16-18NC X 3/4	2	2
36	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2	2
37	030-31873	BOLT/CARRIAGE 3/8-16NC X 9-1/2	1	1
38	210-19533	NUT/HEX FLANGED LOCK 3/8-16NC	1	1
39	040-33634	BRACKET/RELAY MOUNT	1	1
40	420-35602	RELAY	2	2
41	650542	SCREW/CAP 1/4-20NC X 1/2	2	2
42	210-19469	NUT/HEX WHIZLOCK 1/4-20NC	4	4
43	420-35569	BREAKER/CIRCUIT 35 A	1	1
44	330-33650	COVER	1	1
45	121480	HEATER/FROST PLUG (CORD P/N ONLY: 121481) (OPTIONAL)	1	1
46	656048	NUT/HEX M8-1.25	1	1
47	210-32082	NUT/HEX M5	1	1
48	650549	WASHER/LOCK #10	1	1
49	650584	WASHER/FLAT #10	1	1
50	420-35171	BOOT/BELLOWS	1	1
51	061166	CLAMP/HOSE	1	1
52	055648	TIE/CABLE SMALL	1	1
53	210-19470	NUT/HEX WHIZLOCK 5/16-18NC	2	2
54	650704	BOLT/CARRIAGE 5/8-16NC X 1	2	2
55	210-19530	NUT/HEX FLANGED CENTERLOCK 1/2-13NC	1	1
56	651662C	SCREW/CAP M6 X 40 MM	1	1
57	656047C	NUT/HEX M6	1	1

A) 2044: SN ~ P3141. 2054: SN ~ Q5402. B) 2044: SN P3142 ~. 2054: SN Q5403 ~. C) 2044: SN P4301 ~. 2054: SN V6801 ~

ENGINE IDLE AND HIGH IDLE RPM CHART		
TYPE OF ENGINE	IDLE (RPM)	HIGH IDLE (RPM)
4TNE84 - Mustang 2044	1200±50	3120±50
4TNE84 W/ SOUND PKG	1200±50	3100±50
4TNE88 - Mustang 2054	1200±50	3200±50
4TNV88 - 2044/2054	1200±50	3150±50
4TNV88 - 2044/2054 W/ SOUND PKG	1200±50	2775±25

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
175135	2	1	058610	252	8	068938	36	9	071703	50	4
044204	6	5	058610	254	3	068938	90	3	071703	52	27
044205	6	4	058615	16	1	070634	74	3	071703	54	4
054202	28	36	061166	12	51	070634	218	2	071703	58	26
054816	50	5	061166	58	39	070634	228	6	071703	64	4
054816	90	5	062017	50	28	070856	2	8	071703	66	5
054816	208	13	062023	14	12	070856	4	9	071703	68	4
054816	210	13	062023	18	30	070856	12	14	071703	78	33
054819	32	23	062397	50	13	070856	12	32	071703	80	8
054819	34	6	062397	52	12	070856	14	22	071703	204	6
054994	254	8	062397	56	6	070856	20	27	071703	254	27
055005	32	10	062397	252	6	070856	22	22	071703	256	4
055005	34	20	062397	254	12	070856	38	6	071703	260	4
055005	36	4	062400	208	18	070856	40	34	071704	28	37
055005	42	7	062756	68	3	070856	42	23	071705	136	15
055005	52	4	062756	70	3	070856	54	15	071706	26	5
055005	254	4	062756	72	3	070856	58	3	071706	58	44
055064	32	7	062756	260	3	070856	60	16	071706	64	12
055064	34	26	064354	18	24	070856	76	37	071706	68	5
055064	36	7	064354	42	3	070856	78	31	071706	70	14
055064	52	11	064354	214	17	070856	82	16	071706	72	9
055064	254	11	064354	232	3	070856	84	1	071706	74	4
055335	30	10	064354	244	16	070856	136	12	071706	76	34
055335	208	20	064354	258	6	070856	204	11	071706	82	13
055648	2	24	064422	48	29	070856	204	16	071706	260	5
055648	4	17	064422	100	6	070856	214	15	071709	20	11
055648	12	6	064543	74	2	070856	244	4	071709	22	9
055648	12	52	064543	76	28	070856	250	6	072330	68	6
055648	14	16	064644	32	4	070856	256	15	072330	260	6
055648	58	40	064644	34	9	070856	258	4	072384	28	28
055648	86	6	064669	48	20	071700	58	32	072580	42	19
055648	88	4	064669	50	11	071700	92	35	072580	46	1
055648	92	3	065415	34	14	071700	208	12	072580	48	1
055648	210	28	065415	46	3	071700	210	12	072580	50	15
055648	238	10	065415	48	3	071700	232	8	072587	32	22
055648	242	5	065415	52	32	071701	2	28	072587	34	19
055648	258	9	065415	56	13	071701	4	22	072587	36	5
055897	32	28	065415	254	32	071701	16	2	072587	42	15
055897	34	28	067460	50	16	071701	38	5	072602	34	13
055897	36	10	067460	56	8	071701	56	4	072602	42	10
055897	42	31	067460	252	9	071701	78	29	072602	254	2
055897	46	15	067761	32	36	071701	252	4	072615	32	35
055897	48	15	067761	34	8	071703	2	33	072615	42	8
055897	52	31	067761	44	12	071703	20	19	072803	36	24
055897	90	4	067761	50	13	071703	22	16	072803	46	14
055897	124	27	067761	52	5	071703	28	24	072803	48	14
055897	126	35	067761	56	6	071703	40	38	072806	36	11
055897	128	21	067761	252	6	071703	44	10	073024	14	10
055897	130	13	067761	254	5	071703	46	9	073486	16	3
055897	254	31	067847	246	1	071703	48	9	073486	16	4
055981	34	29	068938	34	27	071703	50	4	073694	92	26

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
074091	12	6	087850	18	17	124078	12	25	162391	194	1
074091	206	14	088046	42	33	128738	92	29	174807	74	10
075028	12	12	088267	44	4	129310	94	5	174888	60	1
075235	36	6	088267	54	9	131522	2	9	174896	60	4
075235	52	30	088296	234	1	131522	4	10	174899	58	28
075235	254	30	088442	54	17	131529	2	2	174911	136	13
076147	14	17	088442	208	19	131529	4	2	174929	58	16
076147	54	14	088442	210	18	131577	42	11	174947	68	12
076147	258	16	088442	256	17	131577	124	28	174947	260	12
076588	2	5	088467	52	44	131577	126	21	174969	64	8
076588	2	41	088467	60	24	131577	128	22	174969	66	8
076588	4	5	088467	218	3	131577	136	9	174969	68	13
076588	4	36	088467	220	10	131608	10	15	174969	260	13
076588	16	4	088935	52	20	131706	16	6	174972	92	10
076588	16	2	088935	254	20	132166	74	7	174973	74	11
076588	58	2	089099	52	36	132294	74	8	174974	74	12
076588	76	36	089099	56	5	132493	258	18	174975	74	13
076588	78	35	089099	252	5	133096	54	26	174979	92	33
076588	80	2	089099	254	36	133096	256	26	174983	92	37
076588	80	2	091039	34	30	135578	210	16	174984	16	7
076588	98	2	091039	52	10	136226	12	7	174987	16	8
076588	100	5	091039	254	10	137462	74	9	174990	16	9
076588	210	24	092164	20	2	137500	12	1	175000	16	10
076588	214	14	092164	22	2	137545	103	33	175010	16	11
076588	244	14	093479	103	15	137602	94	2	175013	74	14
076588	258	3	095601	36	16	137603	94	3	175014	74	15
076588	262	2	095601	38	8	137628	103	6	175015	68	14
076589	12	13	095955	218	4	137632	103	20	175015	260	14
076589	58	15	095955	220	9	137634	103	34	175023	74	16
076589	90	2	095955	222	4	137639	104	53	175024	74	17
076589	244	3	096511	20	22	137647	103	11	175036	74	19
076590	28	10	096511	22	19	137655	103	30	175044	74	20
076681	234	4	096511	28	22	137657	104	55	175079	218	7
079026	36	21	096511	78	24	137658	103	17	175089	103	40
079039	28	21	114742	32	25	137661	103	31	175090	103	39
079092	32	18	114824	32	27	137683	104	54	175091	103	40
079092	34	15	114824	42	30	137718	246	2	175092	103	39
081371	78	37	121480	12	45	137784	38	10	175094	74	21
081374	26	15	122485	258	18	137842	103	6	175105	74	22
081374	206	1	122488	74	6	137845	104	55	175108	218	8
081374	248	4	122488	76	24	137846	103	17	175109	214	48
081377	64	14	122778	46	16	137847	104	54	175109	250	9
081377	204	10	122778	48	16	137849	104	53	175119	84	2
081377	204	15	122778	124	26	138263	258	18	175121	68	
081380	42	4	122778	126	13	138669	246	3	175121	260	
081380	80	3	122778	128	20	138754	100	9	175122	84	3
081380	222	2	122778	130	12	140053	68	11	175133	60	32
081840	14	14	122898	54	21	140053	70	24	175136	4	1
083108	8	6	123352	218	5	140053	260	11	175162	74	23
083108	10	4	123352	220	21	140270	28	32	175168	103	36
084175	216	36	123352	222	10	140516	103	35	175169	103	37

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
175170	103	36	189260	42	35	191020	96	4	650387	226	9
175171	103	37	189834	78	1	191072	246	7	650426	234	6
175227	46	24	189834	78	1	191355	86	8	650448	240	2
175227	48	24	189996	74	24	191404	98	20	650453	40	15
175231	214	25	190259	98	3	191404	262	20	650453	82	23
175231	250	2	190259	262	3	191449	2	40	650485	78	39
175239	218	9	190260	98	4	191449	4	34	650486	78	6
175239	220	22	190260	262	4	191856	58	33	650486	220	5
175239	222	11	190262	98	5	191856	60	5	650486	232	6
182130	12	1	190262	262	5	191864	58	12	650487	52	23
183718	103	30	190263	98	6	191866	58	10	650487	78	22
183719	103	11	190263	262	6	191976	60	1	650487	254	23
183720	103	14	190264	98	7	192194	78	43	650488	38	11
183759	96	4	190264	262	7	192202	74	18	650488	40	16
183759	96	4	190271	98	8	192454	263	2	650488	78	25
183762	96	4	190271	262	8	192647	80	4	650488	82	33
183976	32	20	190274	98	9	192763	263	4	650490	84	5
183976	34	36	190274	262	9	192764	263	3	650490	256	16
184023	216	34	190276	98	10	192893	96	3	650491	20	21
184218	12	1	190276	262	10	193156	80	9	650491	22	18
184379	12	1	190278	98	11	193156	238	12	650492	68	24
184380	12	6	190278	262	11	193157	80	10	650492	204	5
184457	214	12	190476	96	4	193157	238	11	650492	260	24
184507	263	1	190476	96	4	193765	216	37	650495	58	42
184514	214	11	190578	34	1	194298	2	27	650502	74	40
184885	22	20	190581	130	21	194298	4	21	650502	76	30
184885	100	27	190582	130	23	410010	263	4	650510	60	17
184885	178	27	190622	218	10	520013	8	7	650510	82	8
184888	22	20	190715	98	12	520013	10	5	650510	210	22
184919	92	1	190715	262	12	570002	62	6	650517	126	10
184941	14	15	190716	98	13	570002	64	6	650527	82	5
186984	103	14	190716	262	13	570002	66	6	650528	28	29
187889	2	13	190717	98	14	570002	68	23	650528	34	4
188050	246	5	190717	262	14	570002	70	23	650528	48	27
188053	246	6	190718	98	15	570002	118	18	650528	50	27
188137	246	8	190718	262	15	570002	208	8	650528	208	5
188497	12	1	190719	98	16	570002	210	8	650528	210	5
188586	12	1	190719	262	16	570002	260	23	650532	246	10
188636	12	1	190813	22	20	570005	116	16	650535	50	24
188902	34	2	190813	98	17	570005	118	19	650535	64	3
188902	52	1	190813	262	17	570005	208	8	650542	12	41
188902	134	1	190814	98	18	570005	210	8	650542	40	25
188904	52	1	190814	262	18	650195	214	6	650548	62	16
188904	134	1	190852	98	19	650195	244	8	650548	216	35
189064	214	6	190852	262	19	650315	214	27	650549	12	48
189064	244	8	191020	96	3	650315	216	31	650549	92	28
189140	2	12	191020	96	4	650315	228	4	650549	92	40
189140	4	28	191020	96	4	650315	250	4	650549	224	8
189144	64	17	191020	96	4	650327	80	11	650549	238	4
189144	66	16	191020	96	4	650327	238	13	650550	92	41
189260	42	5	191020	96	4	650387	224	24	650550	238	5

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
650552	28	27	650773	50	20	653002	242	4	654024	252	3
650572	74	41	650786	20	28	653007	84	7	654026	20	15
650572	76	31	650786	22	23	653010	14	21	654026	22	13
650573	18	23	650786	28	16	653010	20	16	654026	28	46
650573	60	22	650815	86	3	653010	22	14	654026	62	10
650573	62	18	650815	92	39	653010	58	24	654028	12	9
650577	78	20	650815	238	2	653010	208	6	654028	20	3
650579	40	23	650818	246	11	653010	210	6	654028	22	1
650580	20	41	650834	12	32	653018	82	7	654028	28	5
650580	22	30	650834	82	12	653018	206	23	654030	82	6
650580	40	26	650835	58	30	653034	78	23	654035	242	3
650580	58	31	650848	80	12	653034	258	17	654042	16	14
650580	60	29	650848	238	15	653034	258	18	654046	68	27
650581	40	37	650850	74	42	653038	6	15	654046	70	11
650584	12	49	650850	76	43	653038	82	18	654046	72	14
650584	238	3	650860	78	13	653094	60	35	654046	78	40
650585	72	15	650910	62	9	653102	6	8	654046	82	24
650606	244	7	650943	74	43	654002	40	10	654046	260	27
650630	78	41	650943	76	21	654002	78	48	655001	12	20
650631	20	6	650943	218	26	654002	136	18	655001	58	19
650631	22	5	650949	2	18	654004	12	5	655001	60	27
650648	12	18	650949	4	24	654004	14	25	656001	12	3
650648	90	11	650978	28	13	654004	16	13	656001	16	15
650648	92	27	650985	6	22	654004	24	8	656006	12	8
650650	68	25	650985	8	19	654004	60	34	656006	190	23
650650	70	21	650985	82	31	654004	80	13	656007	20	5
650650	260	25	650985	136	17	654004	80	25	656007	22	4
650658	80	14	650985	226	2	654004	190	22	656007	28	4
650658	238	16	650985	236	7	654004	238	14	656047	12	57
650687	18	28	651040	208	27	654006	20	14	656047	182	89
650687	62	2	651151	8	11	654006	20	23	656048	12	46
650687	82	20	651160	6	10	654006	22	12	656048	16	7
650687	84	6	651163	254	14	654006	28	8	656048	190	27
650704	12	54	651260	228	8	654006	30	8	656092	20	40
650704	58	37	651297	6	19	654006	40	17	656092	22	29
650704	82	15	651297	8	17	654006	48	32	656110	12	4
650704	136	11	651312	62	14	654006	56	3	810703	96	4
650706	232	7	651312	76	10	654006	78	7	810761	96	4
650710	200	9	651312	216	26	654006	80	25	810869	96	4
650710	202	9	651368	46	27	654006	82	38	810870	96	4
650725	38	12	651368	248	1	654006	136	16	810911	96	4
650740	68	26	651631	216	8	654006	190	24	010-32279	116	4
650740	70	13	651648	86	8	654009	28	39	010-32376	118	4
650740	72	6	651662	12	56	654009	58	43	010-32415	8	10
650740	82	26	651663	60	33	654012	20	10	010-32416	8	9
650740	260	26	651672	74	44	654012	22	8	010-32434	124	11
650748	78	46	652040	56	2	654022	20	42	010-32434	126	29
650748	224	14	652040	252	2	654022	22	31	010-32434	128	12
650767	76	38	652055	42	22	654024	16	8	010-32434	130	53
650773	46	7	652055	52	26	654024	24	7	010-32435	124	19
650773	48	7	652055	254	26	654024	190	26	010-32435	126	18

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
010-32435	128	27	040-33627	236	3	040-33789	80	1	090-32352	72	16
010-32435	130	15	040-33628	224	17	040-33798	238	18	090-32385	40	42
010-32436	124	8	040-33629	224	6	040-33799	238	19	090-32424	216	20
010-32436	126	34	040-33632	228	7	045-21503	78	18	090-32426	220	13
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040-33434	248	5	040-33701	190	20	080-32180	6	25	090-32475	58	10
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040-33459	22	3	040-33706	254	22	080-32269	8	22	090-32478	92	22
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040-33602	78	42	040-33712	232	2	090-30229	224	23	090-32484	254	38
040-33603	78	30	040-33717	26	2	090-30303	58	6	090-32486	58	16
040-33603	82	39	040-33720	100	3	090-32025	92	25	090-32486	58	16
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040-33616	82	43	040-33784	20	17	090-32042	12	16	090-32486	60	28
040-33618	224	20	040-33785	20	20	090-32164	42	25	090-32487	58	16
040-33622	220	2	040-33785	22	17	090-32304	42	24	090-32487	58	16
040-33625	60	4	040-33788	80	22	090-32310	40	39	090-32487	58	16

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
090-32493	40	36	110-32464	202	7	130-32232	26	14	170-19764	256	3
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090-32561	218	25	110-32465	202	2	130-32234	130	18	170-32727	136	3
090-32561	222	1	110-32465	202	2	130-32235	214	34	170-32953	208	21
090-32563	218	25	110-32465	202	2	140-32269	126	6	170-33412	42	17
13E24	68	10	110-32466	200	8	140-32269	130	6	170-33424	20	12
13E24	70	4	110-32466	202	8	140-32271	120	8	170-33535	32	30
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100-32164	44	2	110-32467	202	9	140-32273	120	8	170-33731	42	29
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100-32167	256	11	110-32472	200	7	160-32870	20	29	170-34119	2	21
100-32168	54	24	110-32472	202	7	160-32870	22	24	170-34119	4	14
100-32168	256	24	110-32473	200	7	160-32871	10	1	170-34197	36	12
100-32169	54	23	110-32473	202	7	160-32898	6	11	170-34200	52	29
100-32169	256	23	110-32474	200	7	160-32899	12	31	170-34200	254	29
100-32171	126	1	110-32474	202	7	160-32900	6	12	170-34222	32	31
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110-32464	200	6	130-32231	2	16	170-19764	254	43	170-34662	48	17

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
170-34664	116	1	170-34826	48	11	170-34943	32	6	170-35136	156	5
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170-34676	136		170-34836	44	8	170-34944	42	14	170-35141	128	30
170-34681	50	18	170-34842	22	10	170-34948	42	21	170-35155	156	3
170-34682	50	17	170-34848	136		170-34948	154		190-32663	76	
170-34683	46	4	170-34852	48	12	170-34949	32	9	190-32679	72	16
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170-34702	136	7	170-34907	54	1	170-34982	126	14	190-32916	124	47
170-34702	150		170-34907	256	1	170-34982	128	17	190-32916	126	57
170-34703	46	6	170-34920	54	6	170-34982	130	14	190-32916	128	44
170-34703	48	6	170-34920	256	6	170-34994	36	23	190-32916	130	55
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170-34720	56	11	170-34931	254	16	170-35068	150	1	190-32940	116	
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170-34721	56	10	170-34932	254	28	170-35078	116	3	190-32946	222	1
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170-34727	140		170-34935	254	17	170-35108	46	19	200-28721	58	17
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170-34809	154	1	170-34942	32	1	170-35135	156	6	200-32587	70	5

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
200-32587	72	5	210-19470	226	3	210-32131	92	36	220-32642	66	8
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200-32650	80	19	210-19531	200	7	210-32164	92	24	220-32671	126	42
200-32650	82	35	210-19531	200	7	210-32176	6	21	220-32671	128	31
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200-32655	62	4	210-19531	202	7	210-32181	214	36	220-32672	124	18
200-32659	58	29	210-19531	202	7	210-32189	214	42	220-32672	126	8
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210-10037	200	9	210-20571	74	26	220-20554	82	3	230-32195	36	19
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210-19470	214	18	210-32115	118	5	220-32639	46	26	230-32655	220	20
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210-19470	224	19	210-32131	60	14	220-32642	64	8	230-32672	34	18

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
230-32674	44	5	290-32563	92	34	310-32596	214	8	330-33263	204	8
230-32674	54	7	290-32564	82	11	310-32610	230	2	330-33417	76	19
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230-32694	26	11	310-11024	214	37	310-32616	70	17	330-33580	208	24
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230-32700	26	12	310-11692	26	4	310-32622	12	23	330-33581	224	1
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230-32703	146		310-15859	228	5	310-32624	92	6	330-33614	62	1
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Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
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Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
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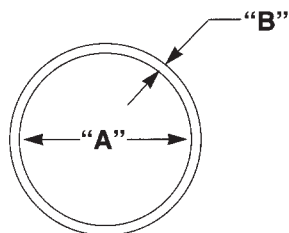
Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
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Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
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420-36330	86	2	425-34688	178	25	425-34733	164	11	425-34768	166	45
420-36332	100	27	425-34689	166	47	425-34733	166	50	425-34769	166	44
420-36333	238	9	425-34689	196	8	425-34733	168	32	425-34770	166	49
420-36355	258	14	425-34690	166	18	425-34733	176	44	425-34770	196	34
420-36356	258	15	425-34690	196	13	425-34733	178	24	425-34771	166	1
420-36361	222	1	425-34693	170	11	425-34734	160	29	425-34772	162	10
420-36362	222	1	425-34694	170	14	425-34735	160	32	425-34774	166	41
420-36364	90	13	425-34695	164	1	425-34737	162	3	425-34775	166	51
420-36373	216	33	425-34695	164	14	425-34738	162	1	425-34776	166	52
420-36375	78	49	425-34695	170	2	425-34739	162	2	425-34776	196	31
425-21772	162	26	425-34698	170	23	425-34740	162	6	425-34777	178	1
425-32478	164	4	425-34699	170	26	425-34740	166	42	425-34779	166	12
425-34635	176	23	425-34701	176	39	425-34741	162	7	425-34780	166	11
425-34636	190	4	425-34701	196	14	425-34742	162	8	425-34781	166	25
425-34638	160	27	425-34703	178	14	425-34742	196	3	425-34782	166	20
425-34639	166	14	425-34703	196	17	425-34743	162	9	425-34783	166	24
425-34640	166	13	425-34704	178	17	425-34744	162	14	425-34784	166	26
425-34641	166	9	425-34704	196	18	425-34744	176	26	425-34785	166	30
425-34642	166	7	425-34705	178	19	425-34744	190	11	425-34787	166	27
425-34643	166	15	425-34705	196	19	425-34744	196	32	425-34788	166	28
425-34644	166	16	425-34707	178	32	425-34745	162	15	425-34789	166	29
425-34645	166	19	425-34707	196	28	425-34745	166	43	425-34790	166	33
425-34645	196	5	425-34709	180	28	425-34745	196	33	425-34791	166	36
425-34646	166	17	425-34710	180	30	425-34746	162	19	425-34792	166	34
425-34647	166	21	425-34711	180	46	425-34746	176	27	425-34793	166	37
425-34647	196	6	425-34712	182	73	425-34746	178	21	425-34794	166	38
425-34649	172	7	425-34713	182	97	425-34747	162	20	425-34795	166	23
425-34649	196	9	425-34714	182	96	425-34747	164	13	425-34796	166	22
425-34651	172	2	425-34714	196	35	425-34747	168	13	425-34796	196	7
425-34651	196	10	425-34721	160	4	425-34748	162	21	425-34797	166	3

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
425-34798	172	1	425-34853	24	4	425-34912	188	27	425-35206	194	24
425-34799	174	1	425-34856	180	5	425-34913	188	28	425-35263	186	68
425-34800	172	10	425-34857	180	6	425-34914	190	14	425-35263	186	69
425-34800	174	4	425-34858	180	7	425-34915	190	15	425-35263	186	70
425-34801	174	5	425-34859	180	8	425-34916	190	19	425-35305	188	23
425-34802	172	5	425-34860	180	12	425-34920	190	2	425-35347	184	33
425-34803	172	6	425-34861	180	13	425-34921	190	3	425-35352	184	57
425-34803	196	12	425-34862	180	14	425-34922	190	6	425-35368	186	107
425-34804	172	8	425-34863	180	15	425-34923	190	7	425-35371	186	108
425-34805	172	9	425-34864	180	16	425-34924	190	8	425-35437	174	6
425-34806	168	3	425-34868	180	23	425-34925	190	9	425-35450	178	29
425-34807	168	6	425-34869	180	29	425-34926	190	10	425-35452	188	20
425-34808	168	1	425-34870	180	32	425-34927	190	13	425-35465	180	4
425-34809	168	2	425-34871	180	33	425-34928	188	42	425-35491	164	6
425-34810	168	7	425-34872	180	34	425-34929	188	32	425-35508	192	1
425-34810	170	5	425-34873	180	35	425-34932	188	30	425-35774	194	2
425-34811	168	8	425-34874	180	36	425-34933	188	31	425-35775	194	3
425-34812	168	9	425-34875	180	38	425-34934	188	33	425-35776	194	4
425-34813	168	12	425-34876	180	43	425-34935	188	41	425-35777	194	5
425-34814	170	4	425-34877	180	44	425-34935	196	25	425-35778	194	6
425-34815	170	7	425-34878	180	45	425-34941	184	7	425-35779	194	7
425-34816	170	8	425-34879	180	47	425-34942	184	8	425-35780	194	8
425-34817	170	9	425-34880	180	48	425-34943	184	9	425-35781	194	9
425-34818	170	10	425-34881	180	49	425-34948	184	10	425-35782	194	10
425-34819	170	12	425-34882	180	50	425-34949	184	14	425-35783	194	11
425-34822	170	36	425-34883	180	52	425-34950	184	17	425-35784	194	12
425-34823	176	40	425-34884	180	53	425-34951	184	20	425-35785	194	13
425-34824	176	41	425-34885	182	72	425-34952	186	77	425-35786	194	14
425-34825	176	14	425-34886	182	74	425-34954	184	24	425-35787	194	15
425-34826	176	42	425-34887	182	75	425-34955	184	26	425-35788	194	16
425-34827	176	43	425-34888	182	76	425-34961	186	78	425-35789	194	17
425-34827	190	12	425-34889	182	78	425-34963	186	81	425-35790	194	18
425-34827	196	29	425-34890	182	79	425-34964	184	58	425-35791	194	19
425-34828	176	15	425-34891	182	82	425-34965	184	59	425-35792	194	20
425-34828	196	15	425-34892	182	83	425-34966	184	60	425-35793	194	21
425-34829	176	16	425-34893	182	84	425-34968	182	81	425-35891	192	2
425-34830	176	21	425-34894	182	85	425-34971	184	64	425-35892	192	3
425-34831	176	22	425-34895	182	88	425-34975	186	66	425-35893	192	4
425-34831	196	16	425-34897	182	86	425-34977	186	72	425-35894	192	5
425-34833	176	25	425-34898	182	87	425-34978	186	74	425-35895	192	10
425-34834	176	30	425-34899	180	37	425-34981	184	25	425-35896	192	16
425-34835	176	29	425-34901	168	14	425-34984	186	73	425-35897	192	17
425-34836	176	35	425-34902	168	15	425-35000	192	46	425-35898	192	18
425-34837	176	38	425-34902	182	92	425-35026	194	26	425-35899	192	19
425-34837	196	26	425-34903	188	5	425-35163	174	3	425-35900	192	20
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425-34839	178	26	425-34905	188	10	425-35165	192	43	425-35902	192	22
425-34842	178	28	425-34906	188	11	425-35176	192	44	425-35903	192	23
425-34849	178	20	425-34907	188	12	425-35206	162	23	425-35904	192	24
425-34849	196	20	425-34910	188	25	425-35206	174	3	425-35905	192	25
425-34851	178	31	425-34911	188	26	425-35206	186	76	425-35906	192	27

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
425-35907	192	29	425-35975	192	26	490-33374	214				
425-35908	192	30	425-35977	178	2	490-33375	214				
425-35909	192	31	425-35997	194	22	490-33381	220				
425-35910	192	32	425-35998	194	23	490-33417	96	4			
425-35911	192	33	425-35999	194	25	490-33418	96	4			
425-35912	192	36	425-36001	184	31	490-33456	96	3			
425-35913	192	40	425-36005	160	1	490-33460	96	4			
425-35914	192	45	425-36006	160	28	504-406	200	2			
425-35915	192	41	425-36006	196	2	512-181	200	1			
425-35916	192	42	425-36007	170	17	512-181	202	2			
425-35925	186	80	425-36008	170	15	512-405	200	3			
425-35927	170	17	425-36009	170	30	512-411	200				
425-35929	160	28	425-36010	170	32	544-243	204	7			
425-35929	196	2	425-36011	180	1	544-244	204	7			
425-35930	160	1	425-36018	178	18	544-245	204	7			
425-35931	160	24	425-36185	166	4	544-247	204	14			
425-35932	166	4	425-36186	168	14	544-441	204				
425-35935	170	1	425-36187	168	15	634-460	206				
425-35936	170	21	425-36188	170	15	634-461	206				
425-35937	170	22	425-36189	170	30	644-456	200	6			
425-35939	176	1	425-36190	170	32	650-425	202				
425-35940	176	24	425-36191	176	34	650-426	202	2			
425-35941	176	42	425-36192	176	36	652-425	200	6			
425-35942	178	16	425-36192	176	37	652-425	202	2			
425-35943	178	22	425-36193	180	1	655-090	248				
425-35944	178	23	425-36194	180	5	660-460	208	1			
425-35944	196	24	425-36195	180	7	662-441	204				
425-35945	24	3	425-36196	180	25	694-456	200	2			
425-35947	180	9	425-36197	180	28	981-01889	12	1			
425-35948	180	25	425-36198	180	29	981-01916	12	1			
425-35949	182	80	425-36199	180	32	983-01353	74	45			
425-35950	184	4	425-36200	182	90	983-01807	224	22			
425-35951	184	5	425-36201	190	17	983-01933	82	42			
425-35952	184	6	425-36205	196	1	983-01933	214	49			
425-35953	184	15	425-36264	178	30	L500143	222	1			
425-35954	184	16	425-36320	196	1	L99983	218	25			
425-35955	184	32	480-27676	246	4						
425-35956	184	47	480-32362	28	45						
425-35957	184	61	480-32849	200	2						
425-35958	184	62	480-32852	200	2						
425-35959	184	63	480-32852	200	2						
425-35959	190	16	480-32853	200	3						
425-35959	196	22	480-32853	200	3						
425-35960	184	65	480-43986	244	2						
425-35961	186	67	480-44600	26	3						
425-35962	186	71	490-33292	78	38						
425-35964	186	82	490-33306	214							
425-35965	186	83	490-33325	44	13						
425-35966	188	1	490-33347	70							
425-35967	188	2	490-33356	72							
425-35973	190	1	490-33365	44	13						

O-RING TABLE



FITTING THREAD SIZE	DIAMETER "A"	DIAMETER "B"	GEHL PART NUMBER
9/16 - 18	0.468	0.078	055897
3/4 - 16	0.644	0.087	055896
7/8 - 14	0.755	0.097	055898
1-1/16 - 12	0.924	0.116	048953
1-5/16 - 12	1.171	0.116	058674
1-5/8 - 12	1.475	0.118	077970

Recommended Coupling & Adapter Installation Torque Specifications

For SAE "0" Ring Boss (Steel)

Size		Ft-Lbs	
Dash	Fractional (In.)	Minimum	Maximum
-3	3/16	8	10
-4	1/4	14	16
-5	5/16	18	20
-6	3/8	24	26
-8	1/2	50	60
-10	5/8	72	80
-12	3/4	125	135
-14	7/8	160	180
-16	1	200	220
-20	1-1/4	210	280
-24	1-1/2	270	360

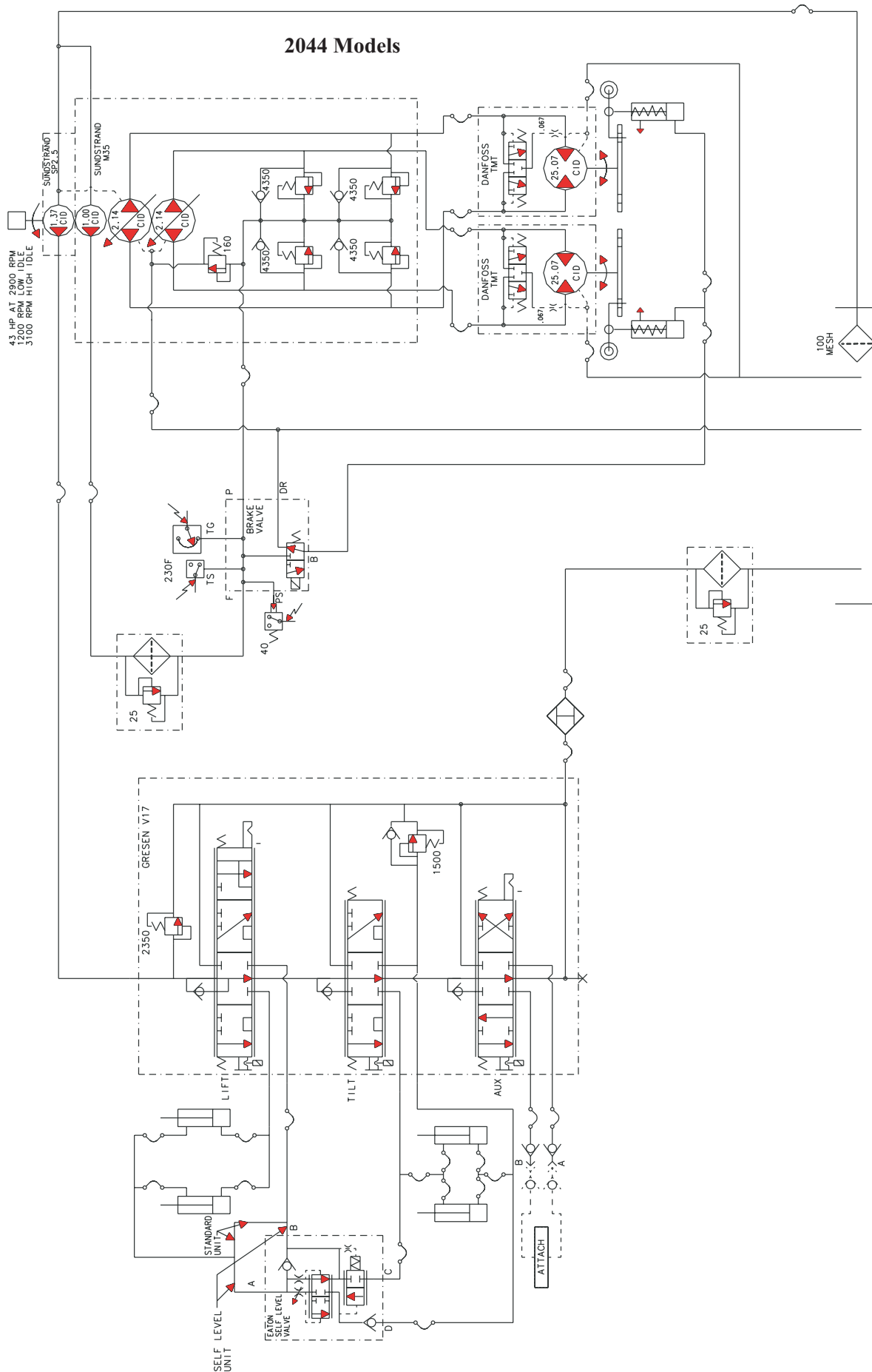
For JIC 37° and 45° (Machined or Flared)

Steel			
Size		Ft-Lbs	
Dash	Fractional (In.)	Minimum	Maximum
-4	1/4	10	11
-5	5/16	13	15
-6	3/8	17	19
-8	1/2	34	38
-10	5/8	50	56
-12	3/4	70	78
-16	1	94	104
-20	1-1/4	124	138
-24	1-1/2	156	173
-32	2	219	243

SECTION E: SCHEMATICS

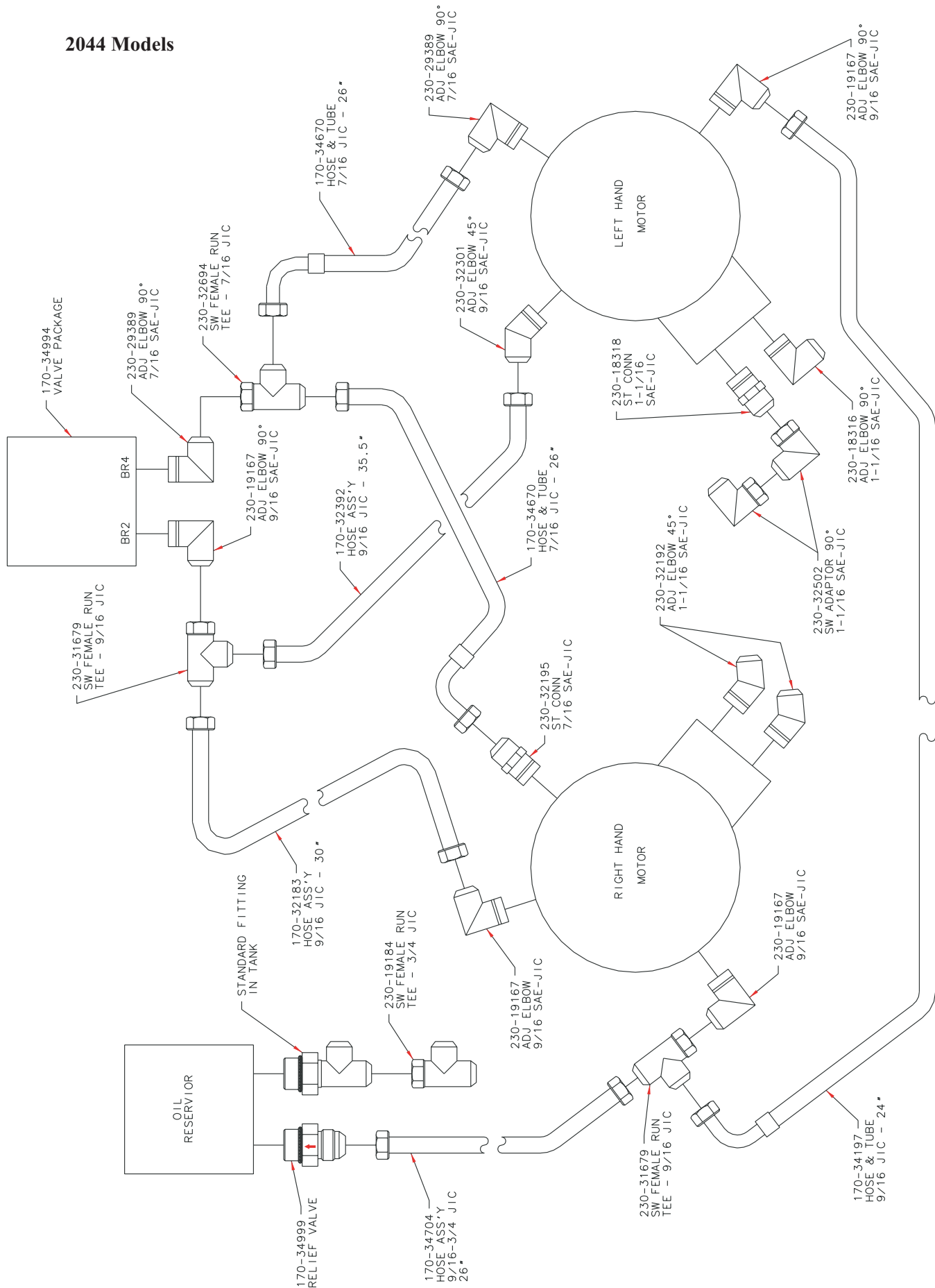
Hydrostatic/Hydraulic Schematics	283
Electrical Schematics	288

SECTION E: SCHEMATICS



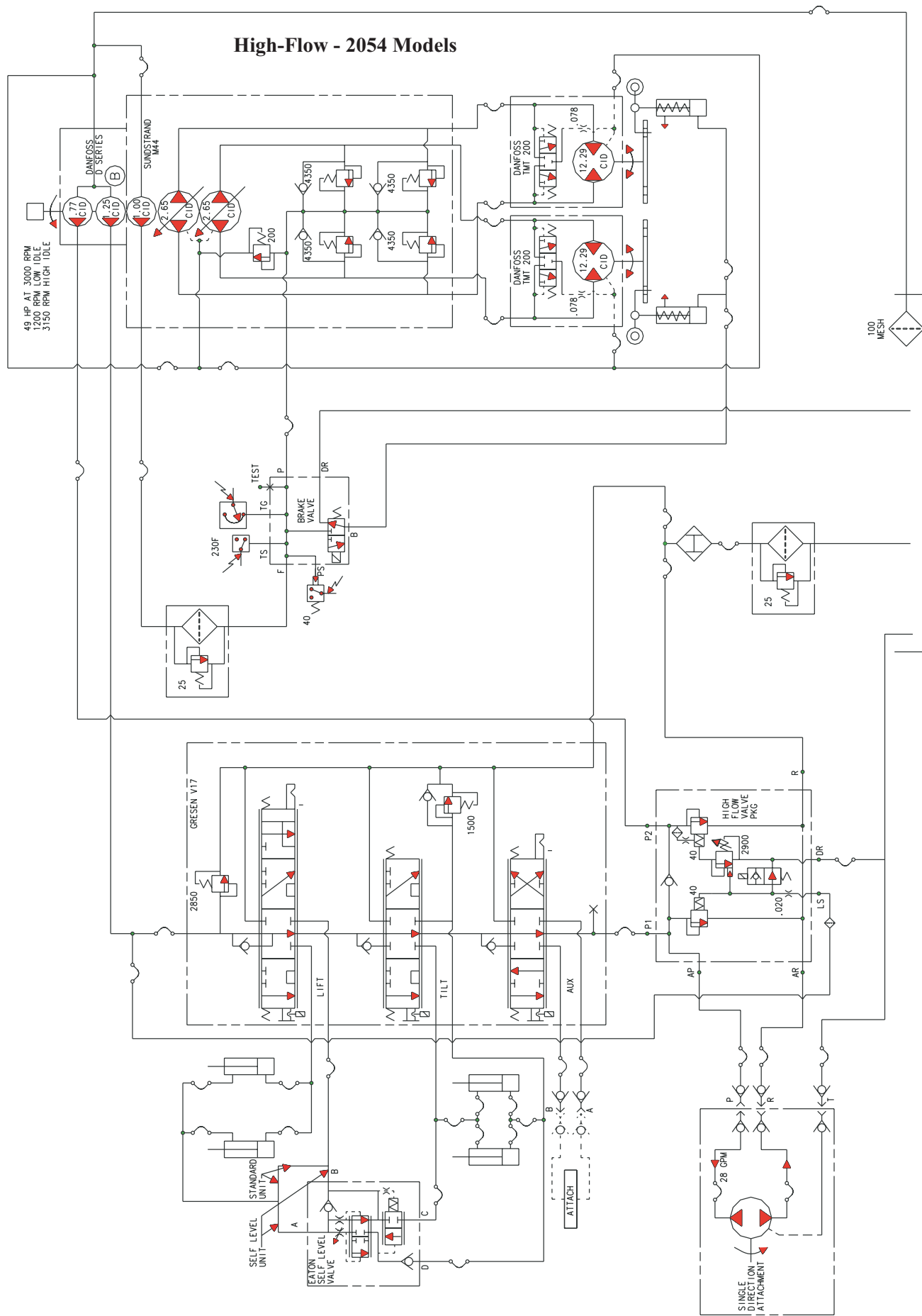


2044 Models

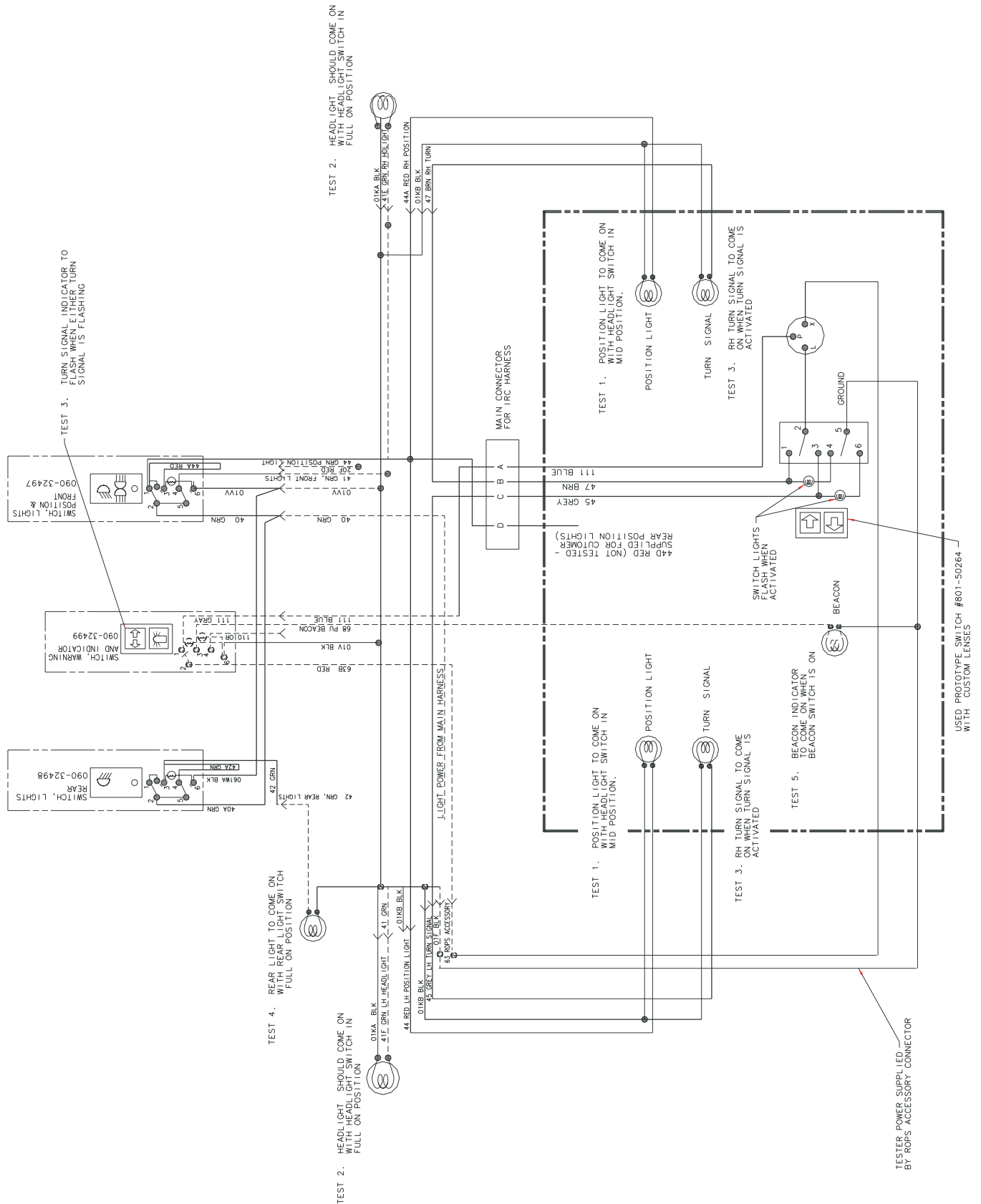




High-Flow - 2054 Models

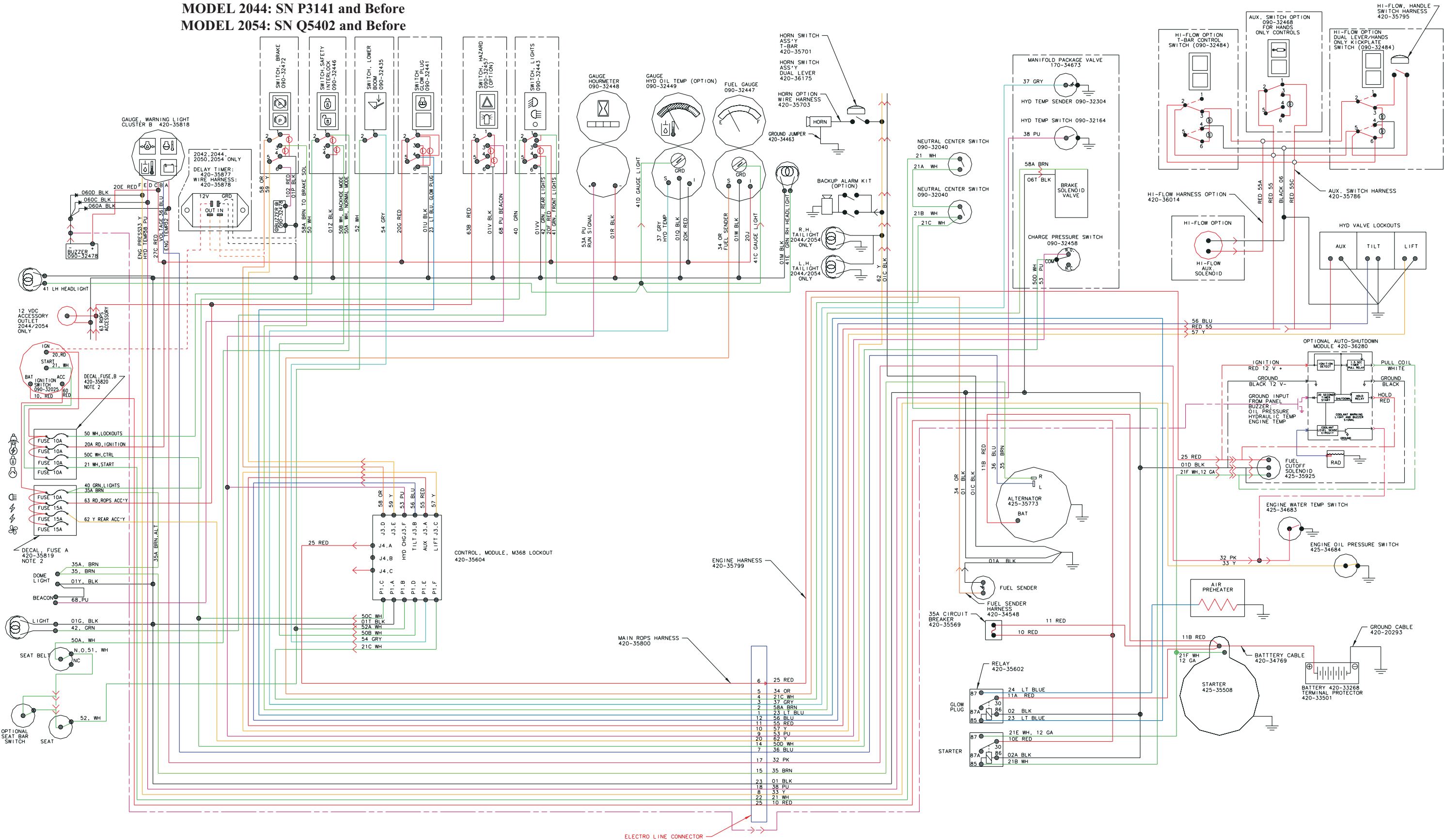


2044 and 2054 Models



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MODEL 2044: SN P3141 and Before
MODEL 2054: SN Q5402 and Before



MODEL 2044: SN P3142 and Up
MODEL 2054: SN Q5403 and Up

This diagram illustrates the electrical system for the John Deere 2044 and 2054 tractors. Key components and their connections include:

- Battery (420-33268):** Connected to the starter (425-35508) and the main power distribution system.
- Alternator (184380):** Provides charging current to the battery.
- Starter (425-35508):** Used to crank the engine.
- Engine Components:** Includes the engine water temperature switch (425-34683), engine oil pressure switch (425-34684), and fuel sender (420-34548).
- Lighting:** Includes headlights (41 LH, 42 RH), taillights (4044/2054), and various marker lights.
- Controls:** Includes the ignition switch (420-37025), various safety switches (e.g., seat belt, PTO), and hydraulic control switches.
- Gauges:** Includes the fuel gauge (420-32447), oil temperature gauge (420-32449), and hourmeter (420-32448).
- Wiring Harnesses:** The diagram shows the integration of the engine harness (184380), main ROPS harness (184919), and various optional harnesses.

The diagram uses a color-coded system for wires and includes a legend for wire colors and gauges. It also shows the connection of optional equipment like a seat bar switch, backup alarm, and various hydraulic controls.

Torque Specifications

Use these torque values when tightening MUSTANG hardware (excluding: Lock Nuts, and Self-tapping, Thread Forming, and Sheet Metal Screws) unless otherwise specified.

Unified National Thread	Grade 2 		Grade 5 		Grade 8 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
8-32	19*	14*	30*	22*	41*	31*
8-36	20*	15*	31*	23*	43*	32*
10-24	27*	21*	43*	32*	60*	45*
10-32	31*	23*	49*	36*	68*	51*
1/4-20	66*	50*	9	75*	12	9
1/4-28	76*	56*	10	86*	14	10
5/16-18	11	9	17	13	25	18
5/16-24	12	9	19	14	25	20
3/8-16	20	15	30	23	45	35
3/8-24	23	17	35	25	50	35
7/16-14	32	24	50	35	70	55
7/16-20	36	27	55	40	80	60
1/2-13	50	35	75	55	110	80
1/2-20	55	40	90	65	120	90
9/16-12	70	55	110	80	150	110
9/16-18	80	60	120	90	170	130
5/8-11	100	75	150	110	220	170
5/8-18	110	85	180	130	240	180
3/4-10	175	130	260	200	380	280
3/4-16	200	150	300	220	420	320
7/8-9	170	125	430	320	600	460
7/8-14	180	140	470	360	660	500
1-8	250	190	640	480	900	680
1-12	270	210	710	530	1000	740

Metric Coarse Thread	Grade 8.8 		Grade 10.9 		Grade 12.9 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
M6-1	8	6	11	8	13.5	10
M8-1.25	19	14	27	20	32.5	24
M10-1.5	37.5	28	53	39	64	47
M12-1.75	65	48	91.5	67.5	111.5	82
M14-2	103.5	76.5	145.5	108	176.5	131
M16-2	158.5	117.5	223.5	165.5	271	200

*All Torque Values are in ft-lbs except those marked with an * which are in in-lbs.

For metric torque value (N·m) multiply ft-lbs value by 1.355 or the in-lbs value by 0.113.



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