



744 944 1 155 TELEHANDLER PARTS MANUAL

For machines with the following serial numbers:

744; SN 20132 - 20224

944; SN 30083 - 30165

1155; SN 40070 - 40152 except 40080

PART #913291

Revision C - MARCH 2012



Mustang Manufacturing Company, Inc.

Introduction

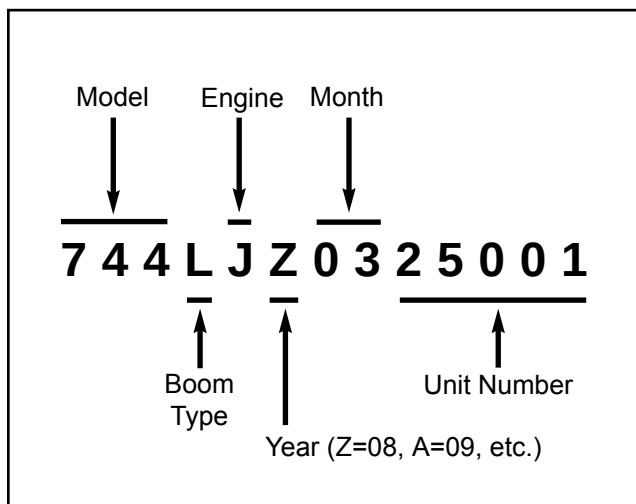
Mustang Telehandler

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

"Right" and "left" are determined from a position sitting on the seat inside the cab and facing forward.

Mustang Manufacturing, Inc. reserves the right to make changes or improvements in the design or construction of any part of the machine without incurring the obligation to install such changes on previously delivered machines.

NOTE: This parts manual identifies both standard and optional features for this model. Depending on the features of your machine, some of the items identified in the parts lists may, or may not, be included with your machine.



Serial number breaks are indicated as follows:

- (SN 999 and before) - indicates serial numbers up to and including 999.
- (SN 1000 - 2000) - indicates serial numbers from 1000 to 2000.
- (SN 999 and up) - indicates serial numbers including 999 and after.

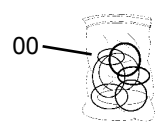
HYDRAULIC AND ELECTRICAL SCHEMATICS

Hydraulic and electrical schematics can be found in the Operator's and Service Manuals for this machine; please refer to the information at the right for the correct manual.

ABBREVIATIONS USED IN THIS MANUAL

ASSD	Assembled
ASSY	Assembly
AR	As Required
CB	Carriage Bolt
CFPD	Contact Factory Parts Department
CP	Cotter Pin
CS	Cap Screw (Bolt)
CYL	Cylinder
DIA	Diameter
FHCS	Flat Head Cap Screw
GR	Grade
HB	Hex Bolt
HLN	Hex Lock Nut
HN	Hex Nut
HP	High Pressure
HYD	Hydraulic
IN	Inch(es)
INS	Insert
LN	Lock Nut
LT	Left
LW	Lock Washer
M	Meter or Meters
MM/mm	Millimeter
NA	Not Applicable
NPT	National Pipe Thread
NSS	Not Sold Separately
ORB	O-ring Boss
REF	Reference
RT	Right
SHCS	Socket Head Cap Screw
SLTD	Slotted
SN	Serial Number or Slotted Nut
SQ	Square
W/	With
W/O	Without

LEGEND

-  Represents a seal kit (e.g., seals, o-rings, etc.)
-  Represents a port designation on hydraulic components (e.g., valves, cylinders, etc.)
-  Represents the location of a hidden part or component, or the routing for a hydraulic hose or an electrical cable.

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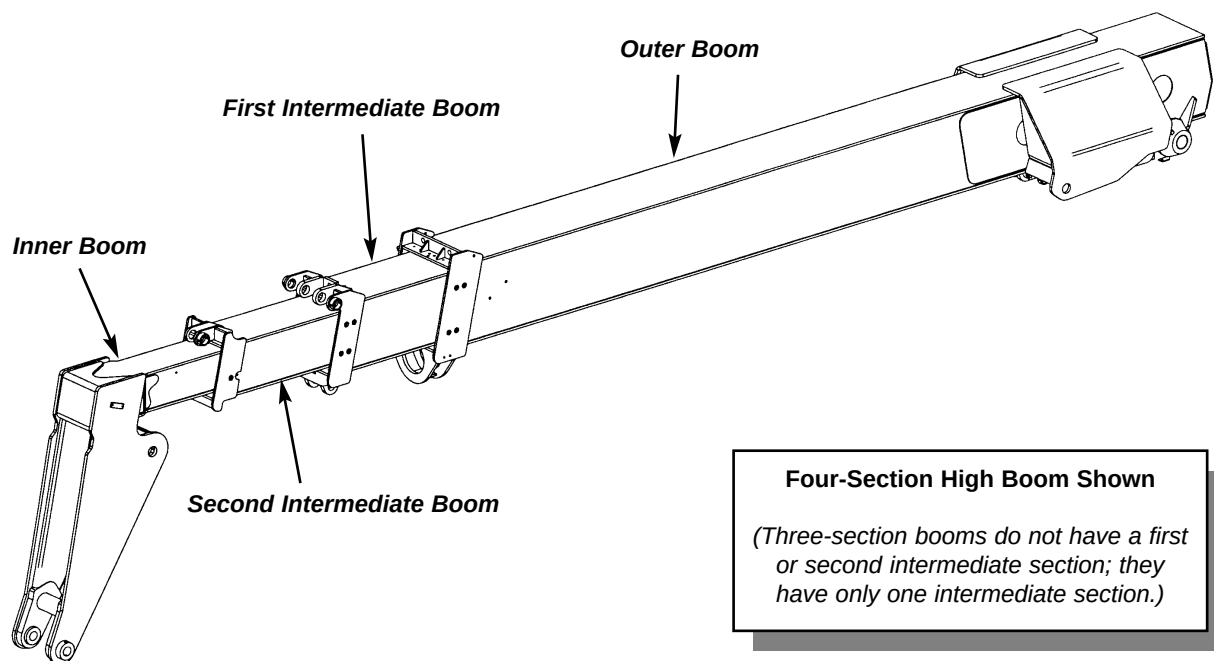
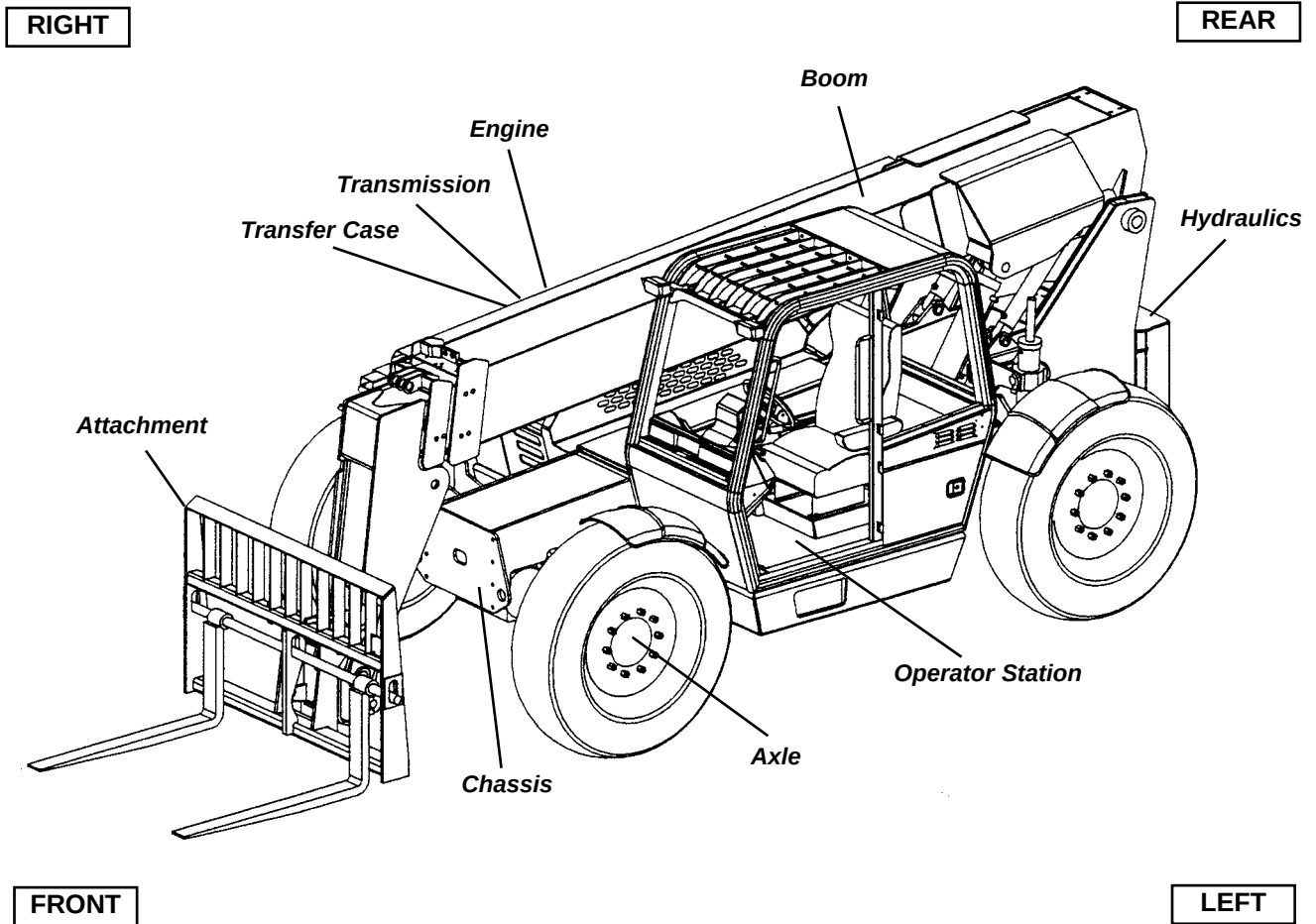


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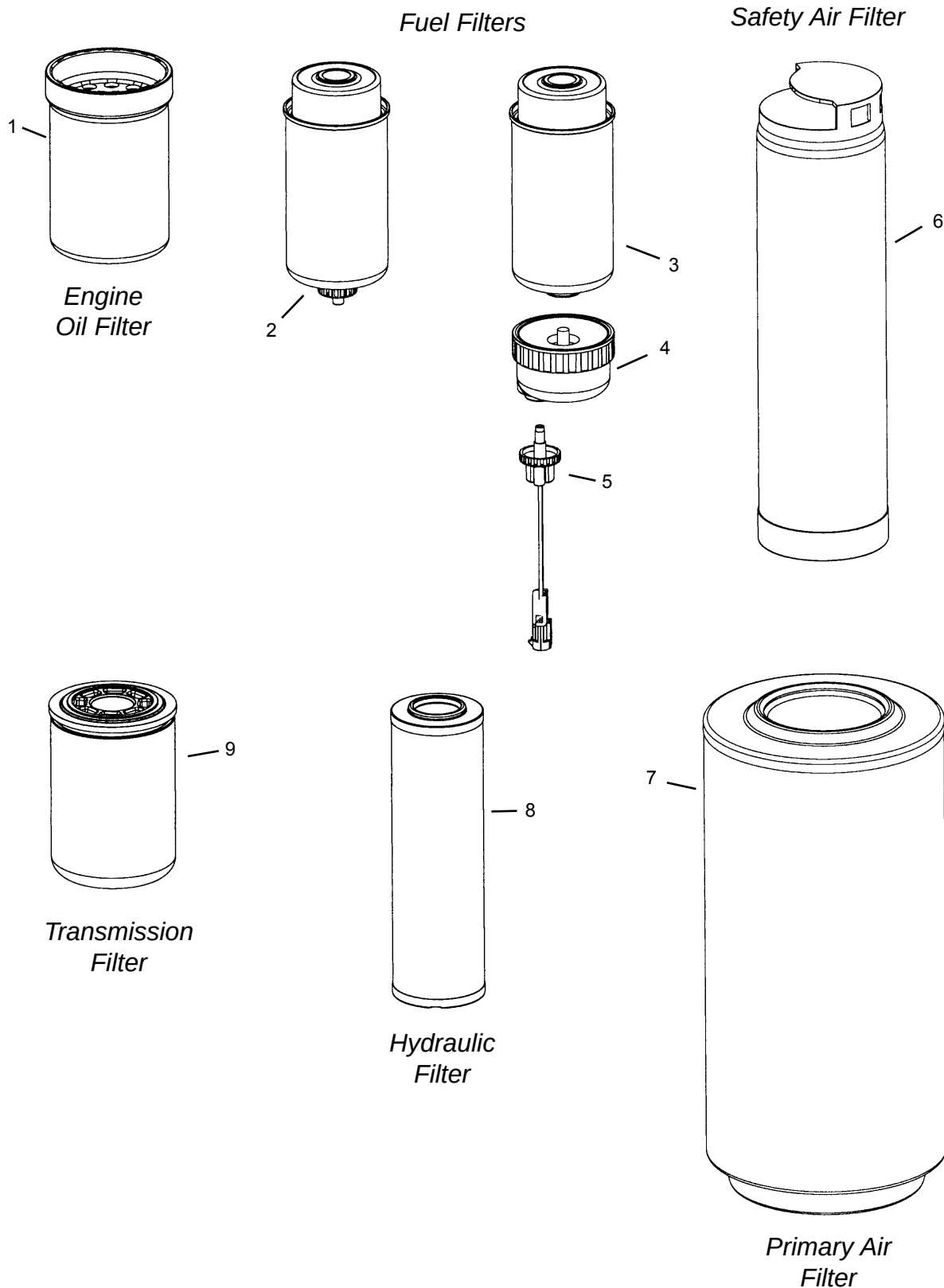
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Filters

All

Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
-- ENGINE OIL FILTER --				-- ENGINE AIR FILTER --			
01 ^a	102173	ENGINE OIL FILTER	1	06	105071	SAFETY AIR FILTER (<i>inner</i>)	1
				07	105070	PRIMARY AIR FILTER (<i>outer</i>)	1
-- ENGINE FUEL FILTER --				-- HYDRAULIC FILTER --			
02	105795	FUEL FILTER (<i>secondary</i>)	1	08	L99459	HYDRAULIC FILTER	1
03	105794	FUEL FILTER (<i>primary</i>)	1				
		(<i>does not include sediment bowl or water sensor</i>)		-- TRANSMISSION FILTER --			
04	105818	SEDIMENT BOWL	1	09	L99440	TRANSMISSION FILTER	1
		(<i>does not include water sensor</i>)					
05	105819	WATER SENSOR	1				
				<i>a Use dust seal P/N 102742 as needed.</i>			
				<i>b Replace as needed.</i>			

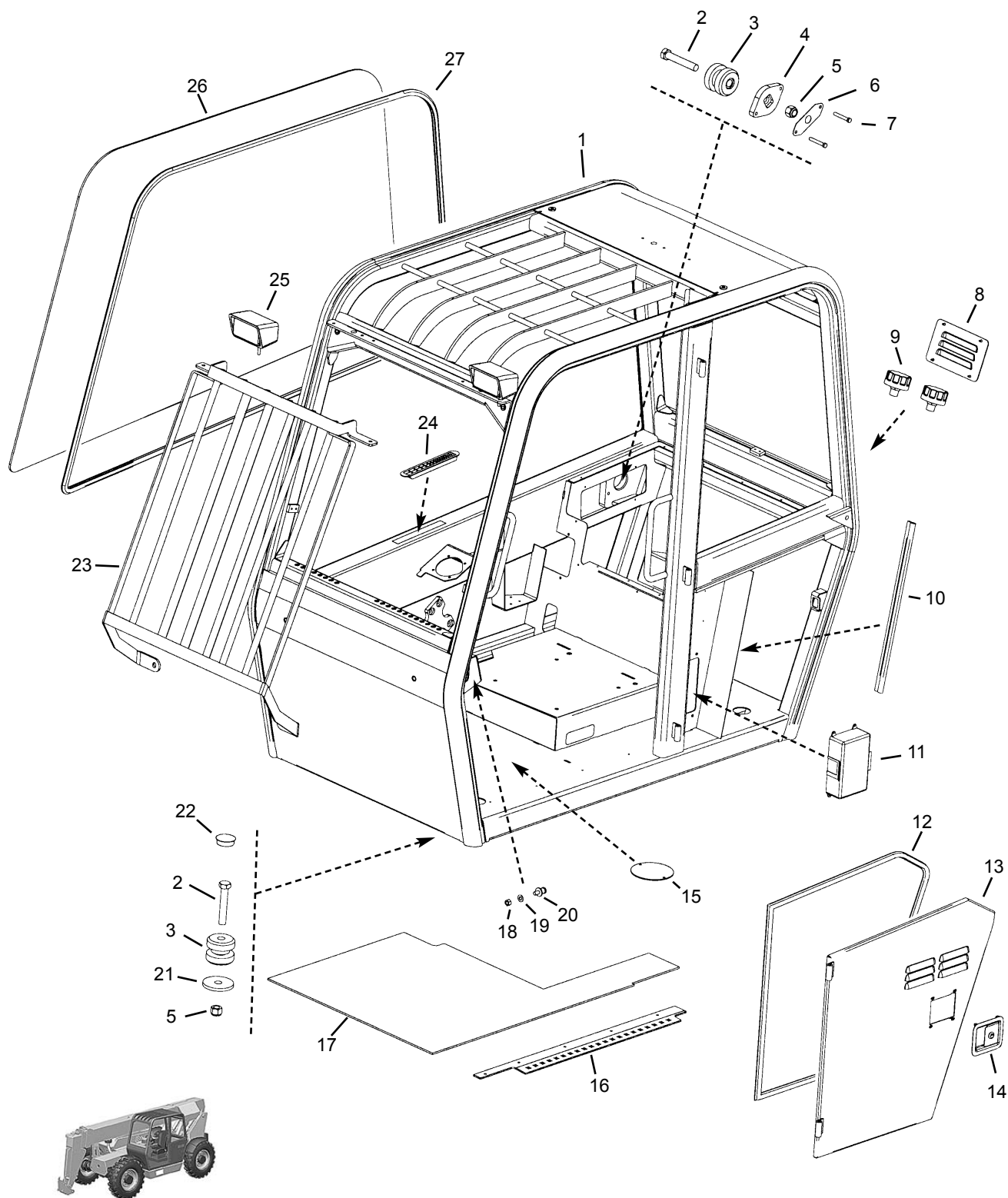
Analysis Kits*

272817 HYDRAULIC OIL ANALYSIS KITS (10)
 272818 ENGINE OIL ANALYSIS KITS (10)
 272819 BASIC FUEL ANALYSIS KIT (1)
 272820 COOLANT ANALYSIS KITS (10)
 272813 FIELD TEST COOLANT STRIP KIT (1)
 272814 OIL VACUUM PUMP (1)
 272815 COOLANT VACUUM PUMP (1)
 272816 1/4" PLASTIC TUBING (100-FOOT ROLL)

** For the analysis of fluids and lubricants used in this machine. Contact your Mustang Dealer for more information.*

Cab Standard

Mustang Telehandler



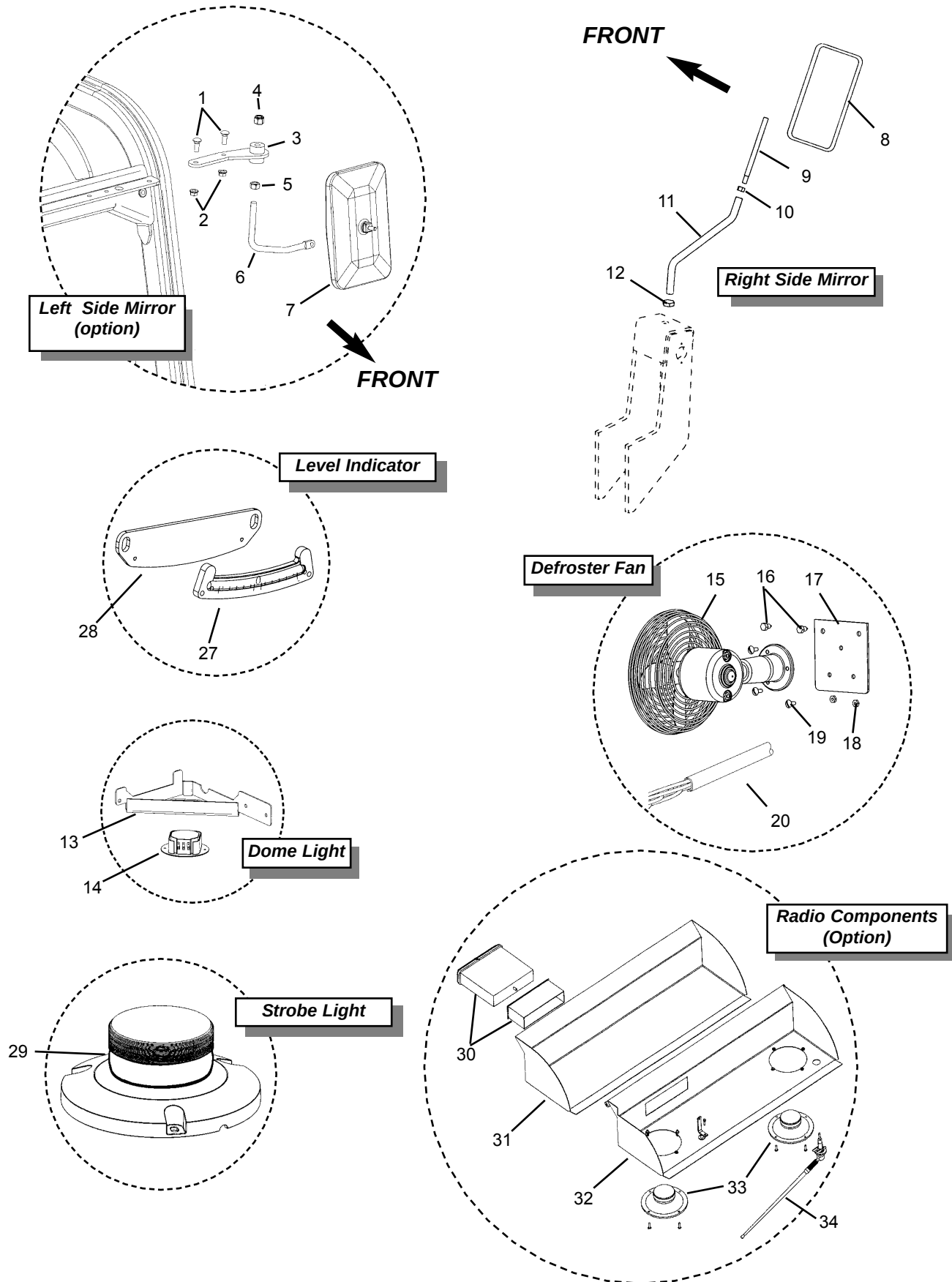
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101974	OPEN CANOPY (<i>cab weldment</i>) . . .	1				
02	L50300	7/8"-9X5" HEX GR 5	4			-- ITEMS NOT SHOWN --	
03	L69115	ISO MOUNT	4	00	L500064	PLUG/HOLE,.5" BLACK	1
04	101487	WASHER/CANOPY MOUNT.	2	00	L500060	DECAL/ROPS/FOPS WARN.	1
05	L50301	7/8"-9 CLASS C LOCK NUT	4	00	101716	HEADLINER	1
06	101667	RETAINER/CANOPY NUT	2			(<i>Wiring Harness</i>)	
07	650492	3/8"-16X2-1/2" HX GR5.	4				
08	101902	PANEL/ACCESS BREATHER.	1	00b	101443	CANOPY WIRE HARNESS.	1
	L70116	SCREW	4		L5000748	DIODE PACK, 3 DIODES	2
09	L70388	BREATHES	2		L500747	DIODE PACK, CLEAR COVER.	2
10	101774	TRIM/DIVIDER	1			(Attaches to fuse box and runs under the dash.)	
11	L69137	FUSE BOX	1				
		(Does not include fuses or relays.)				(Wire Harness - Frame)	
12	101773	BULB SEAL/STORAGE DOOR.	1	00	L71341	FRAME WIRE HARNESS.	1
13	101914	STORAGE DOOR	1			(Fuse box fuses and relays)	
	L500049	3/8"-16 LOCK NUT	2				
	650697	3/8"-16X6" BOLT	2	00	L70075	CHANGEOVER RELAY	10
14	L500125	PADDLE LATCH	1	00	L70123	FLASHER UNIT	1
	L99157	KEY ONLY (CH751)	1	00	L70121	WIRE ASY	7
15	101903	COVER	1	00	101356	CONNECTION BRIDGE.	2
16	101720	FLOOR MAT RETAINER.	1	00	L70244	5 A ATC FUSE	4
17	101721	FLOOR MAT	1	00	L70245	10 A ATC FUSE	4
18	650313	7/16" NUT	1	00	L70246	20 A ATC FUSE	4
19	L50149	7/16" FLAT WASHER	1	00	L70247	30 A FUSE	4
20	L63548	STRIKER, DOOR	1	00	L500225	60 A FUSE	4
21	L69729	WASHER, RETAINER.	2	a		When equipped with heater or air conditioning.	
22	L70017	PLUG/HOLE 2.25"	2	b		Includes (2) diode packs PN L500748.	
23	101767	FRONT GUARD	1				
	654009	1/2" FLAT WASHER.	AR				
	650495	1/2"-13X1-1/4" BOLT GR5 HX . . .	AR				
24 ^a	L500059	FIXED VANE LOUVER	1				
25	L70039	HEAD LIGHT.	2				
	L70241	HEAD LIGHT HARNESS.	2				
	101711	GROMMET, 11/16" ID 1-5/16" OD. . .	2				
	101712	GROMMET, 3/8" ID 13/16"OD . . .	AR				
	L70463	GROMMET, 3/8" ID 3/4" OD. . . .	AR				
26	101714	GLASS, SIDE (<i>right</i>)	1				
	101704	SCREEN (<i>option</i>)					
	L500055	SCREW/FLANGE.	AR				
	L500057	CLIP/WINDOW BLACK	AR				
27	101713	BULBSEAL, SIDE WINDOW (<i>right</i>)	1				

NOTE: Refer to the Dash and Interior section for a listing of interior parts.

NOTE: Refer to the Transmission section for the transmission controller and display parts.

Cab Options

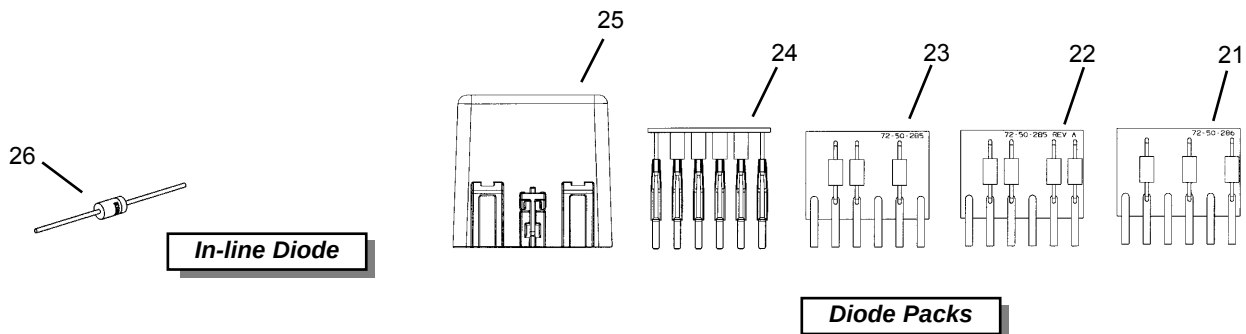
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744 / 944 / 1155**Cab
Options**

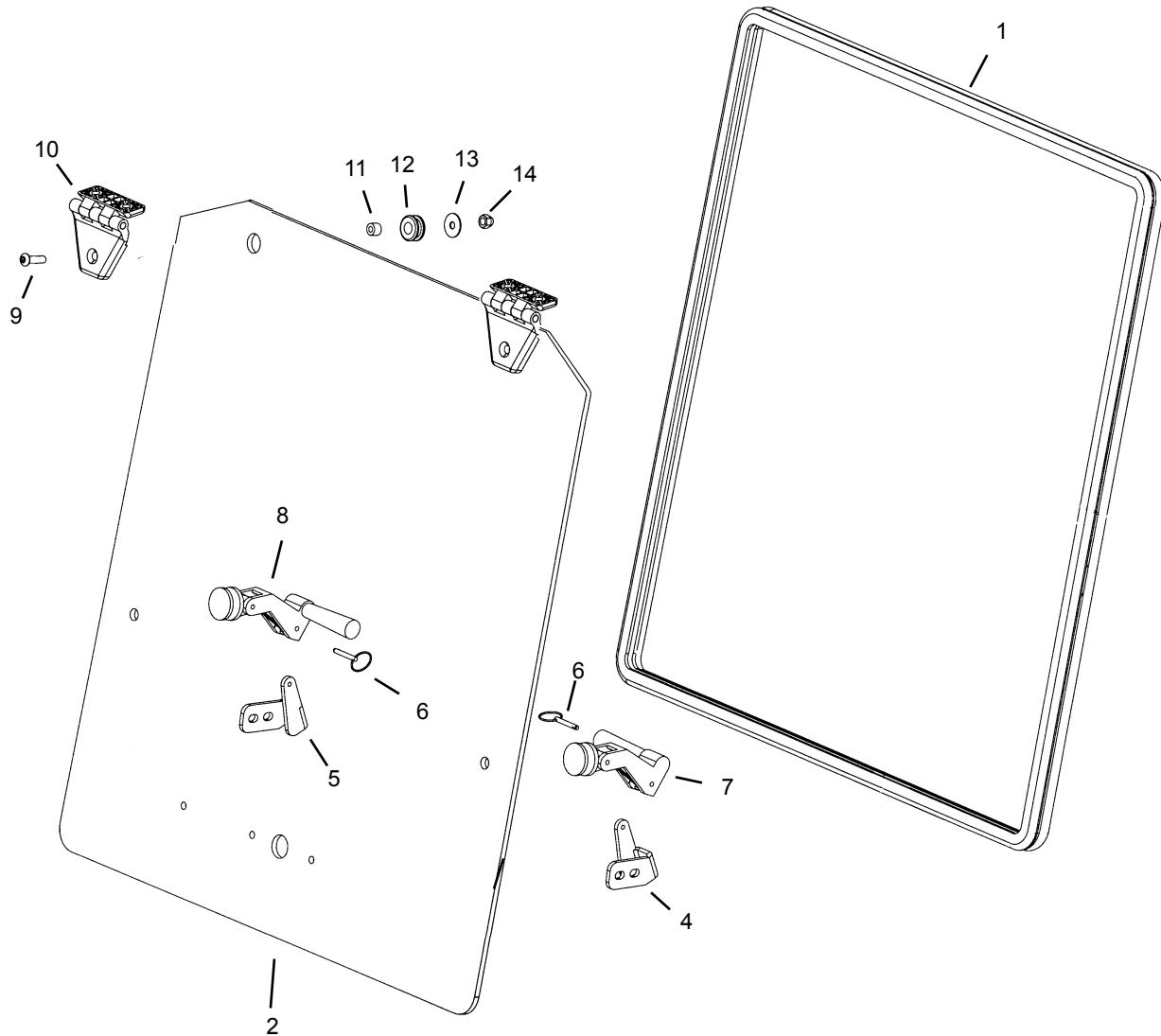
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
(Left Side Mirror - Option)				(Wiring Harness - Diode Packs)			
01	650704	3/8"x1" CARRIAGE BOLT	2	21	L500748	DIODE PACK, 3 DIODES. AR (72-50-286) <i>Imprinted on diode pack.</i>	
02	090666	3/8" FLANGE LOCK NUT	2	22	103104	DIODE PACK, 4 DIODES. AR (72-50-285 REV A) <i>Imprinted on diode pack.</i>	
03	102962	MIRROR MOUNT	1	23	103101	DIODE PACK, 3 DIODES. AR (72-50-285) <i>Imprinted on diode pack.</i>	
04	L520019	1/2" NYLON LOCK NUT	1	24	L500569	DIODE PACK, 4 DIODES. AR (72-50-283) <i>Imprinted on diode pack.</i>	
05	L50072	1/2" JAM NUT	1	25	L500747	CLEAR COVER, DIODE PACK . . AR	
06	102963	BAR, MIRROR MOUNT	1	(Wiring Harness - In-line Diode)			
07	L63756	MIRROR	1	26	L60587	3 AMP, IN-LINE DIODE AR (used in: 101443 Canopy Harness, L71341 Frame Harness, and 101250 Engine Harness)	
(Right Side Mirror)				(Level Indicator)			
08	L70417	SIDE MIRROR.	1	27	L66011	LEVEL INDICATOR.	1
09	L70345	MIRROR BAR (Mirror End)	1	28	L69297	LEVEL INDICATOR MOUNT.	1
10	L50081	5/8"-11 NUT	1	(Strobe Light - Option)			
11	L70344	MIRROR BAR (Base End)	1	29	104952	STROBE LIGHT	1
12	210-32160	1" JAM NUT.	1		L71652	STROBE LIGHT HARNESS	1
(Dome Light)					650936	#8-32X1/2" MACH. SCREW	3
13	103159	WLD MNT/DOME LIGHT MOUNT . .	1		653002	#8-32 NUT.	3
14	137497	DOME LIGHT	1		L63876	GROMMET, RUBBER	1
	103160	HARNESS, INTERIOR LIGHT . . .	1		L71083	SWITCH, BEACON.	1
	103161	HARNESS, DOME LIGHT GRND .	1	(Radio Components - Option)			
	103188	GROMMET, 5/8"	1	30 ^a	NSS	STEREO, CD W/ACCESSORIES . .	1
	651642	#8-32X1/2" SCREW	1	31 ^a	NSS	FOSS, RADIO OPTION.	1
(Defroster Fan - Option)				32	102864	WELDMENT, RADIO KIT	1
15	L66986	DEFROSTER FAN	1	33	102866	SPEAKER, W/GRILL.	2
16	650315	1/4"-20X1/2" SELF TAPSCREW . .	2	34	102743	ANTENNA, TOP/SIDE MOUNT . . .	1
17	L66993	BRACKET, DEFROSTER FAN . . .	1				
18	650550	#10-24 NUT	3				
19	L50655	#10-24 BOLT	3				
20	101158	HARNESS/DEFROSTER FAN . . .	1				
	L70463	GROMMET, 3/8"ID 3/4"OD	AR				

a Obtain locally.



Cab Front Window

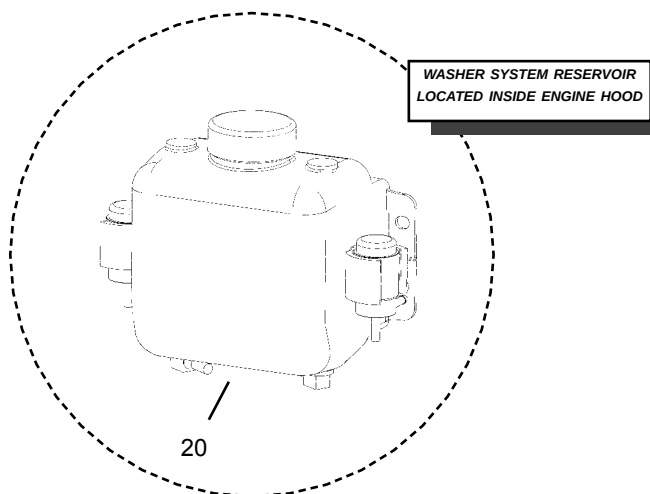
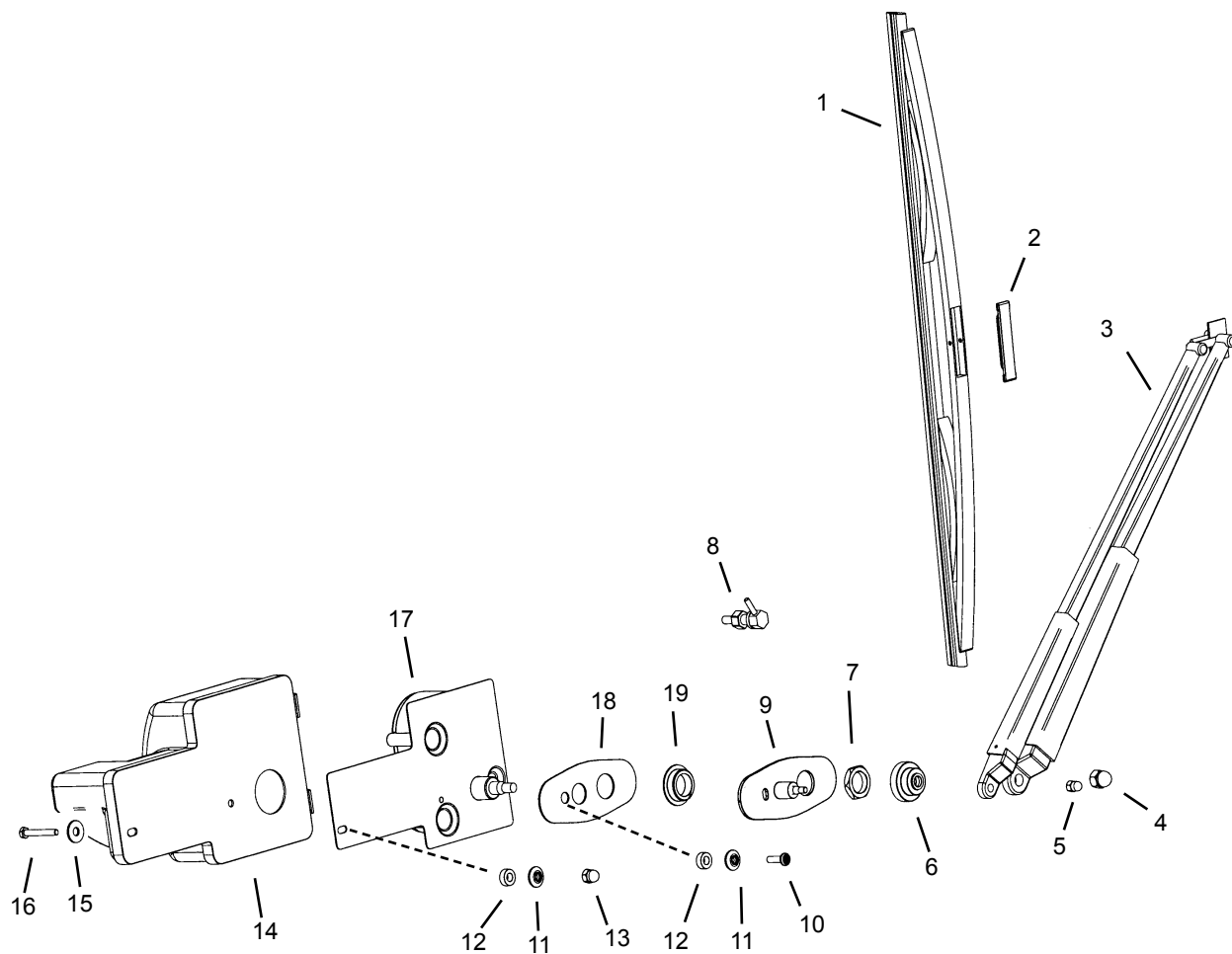
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Cab

Wiper - Front

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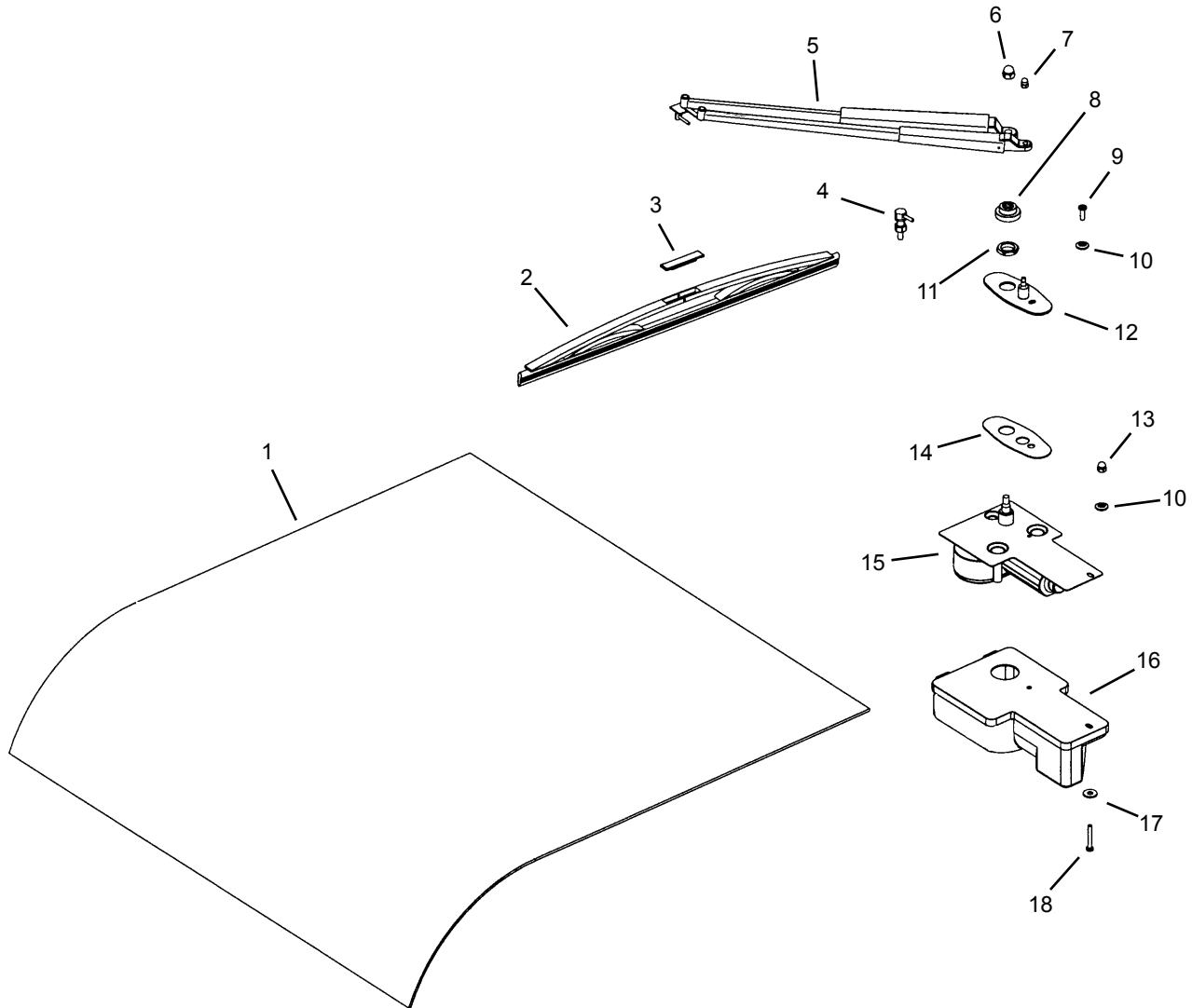
744 / 944 / 1155**Cab****Wiper - Front**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500703	WIPER BLADE	1	17	L500695	WIPER MOTOR.	1
02	L500707	ADAPTER / PIN LOCK	1	18	L500701	GASKET / PANTO ADAPTER.	1
03 ^a	L500702	WIPER ARM	1	19	L500708	TOWER SEAL / WIPER	1
04	L500700	M8 / ACORN NUT	1	20	101495	WASHER BOTTLE, W/PUMP(S) ..	1
05	L500706	M5 / ACORN NUT	1	-- ITEMS NOT SHOWN --			
06	L500709	RAIN SHIELD	1				
07	L500697	M18 / NUT	1	(Windshield Wiper Harness)			
08	L500099	ADAPTER/WET ARM	1	00	L500715	HARNESS, FRONT WIPER	1
09	L500719	PANTO ADAPTER PLATE.	1		103180	HARNESS, FRONT WIPER	1
10	L500711	SCREW / M5 16mm	1	(Windshield Washer System)			
11	101717	WASHER, #10 WEATHERTITE ...	2	00	L70709	HARNESS, WASHER BOTTLE ..	AR
12	L500694	BUSHING / NYLON.	2				
13	L500004	NUT/ACORN #10-24 BLK.	1	a	P/N L500702 includes built in washer spray nozzle and hose (wet arm).		
14	L500696	COVER WIPER MOTOR.	1				
15	L500001	WASHER/BLK NYLON.	AR				
16	L500718	FASTENER (#10-24x1-1/4" bolt) ...	1				

Cab

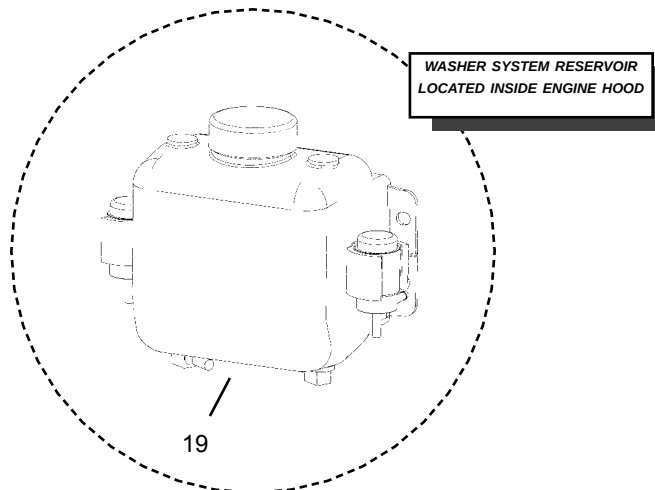
Top Window and Wiper

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744 / 944 / 1155**Cab****Top Window and Wiper**

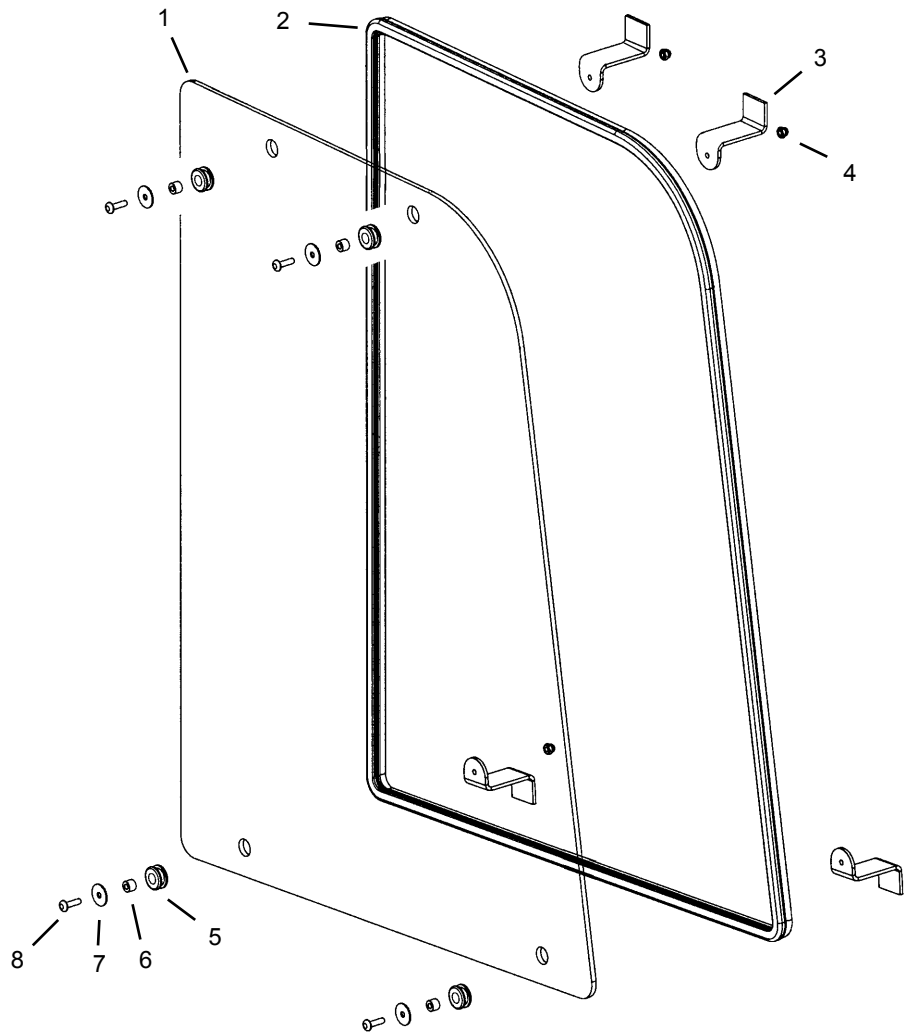
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101723	GLASS, SKYLIGHT CURVED.	1	14	L500701	GASKET / PANTO ADAPTER.	1
	L500607	GLUE KIT.	AR	15	L500695	WIPER MOTOR / TRICO.	1
02	L500703	WIPER BLADE / 20".	1	16	L500696	COVER WIPER MOTOR.	1
03	L500707	ADAPTER/PIN LOCK.	1	17	L500001	WASHER/BLK NYLON.	1
04	L500099	ADAPTER/WET ARM.	1	18	L500718	#10-24x1.25 BOLT GR5.	1
05 ^a	101718	ARM, WIPER 24" WET PANTO. ...	1	19	101495	WASHER BOTTLE, W/PUMPS. ...	1
06	L500700	NUT / M8 PANTO PLATE.	1		103912	TOP WIPER HARNESS.	1
07	L500706	NUT / M5 ACORN.	1			(includes top washer hose)	
08	L500709	RAIN SHIELD.	1				
09	L500711	SCREW / M5 16MM.	1				
10	101717	WASHER, #10 WEATHERTITE. . AR					
11	L500697	NUT M18 HEX.	1				
12	L500719	PANTO ADAPTER PLATE.	1				
13	L500004	NUT/ACORN #10-24 BLK.	1				
				-- ITEMS NOT SHOWN --			
				(Windshield Washer System)			
				00	104121	5/32" TUBING CONNECTOR. ...	AR
				a	Windshield washer spray nozzle is incorporated into wiper arm and is not sold separately.		



Cab

Window - Left

Mustang Telehandler

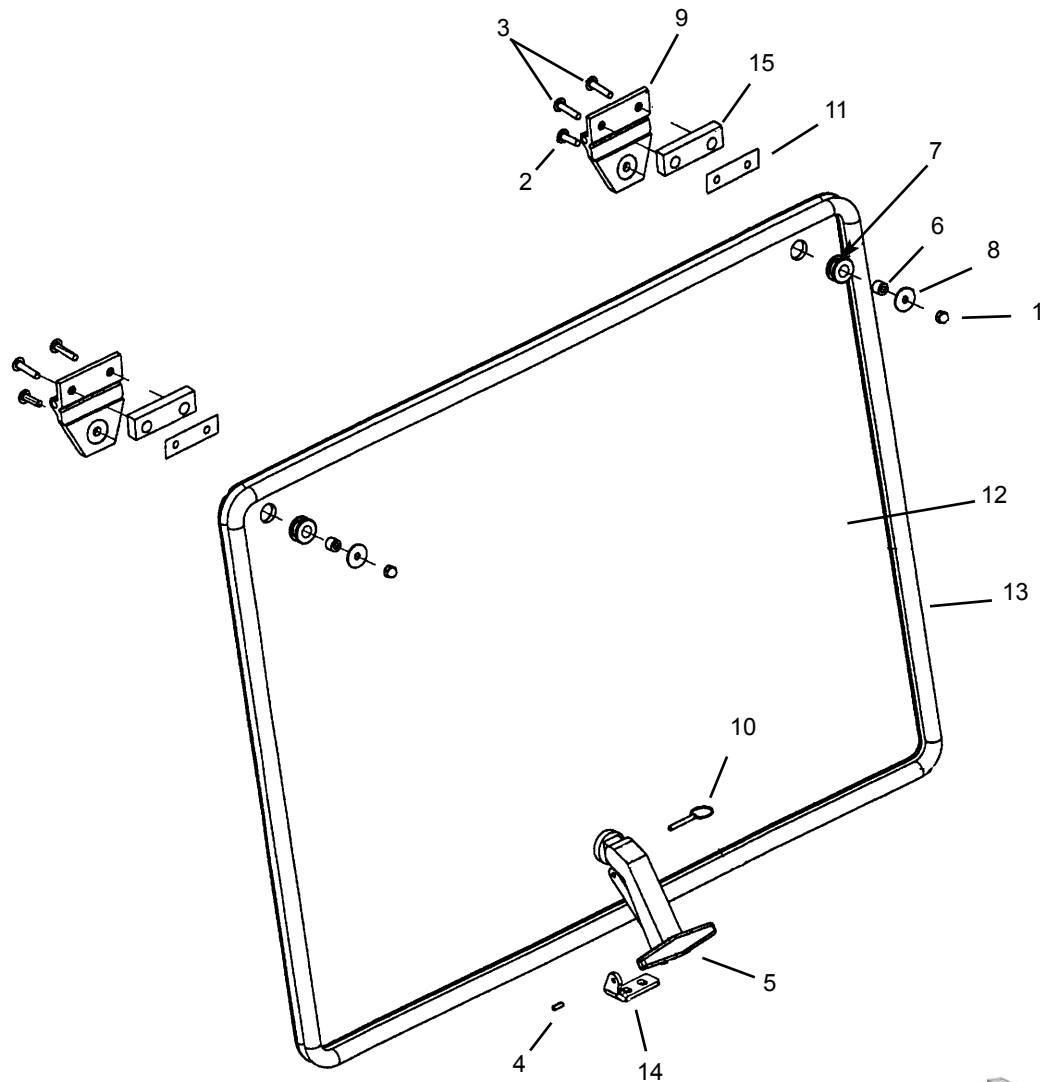


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101724	GLASS (left side).....	1	05	L500021	GROMMET, 0.50" ID 0.25"	4
02	101722	BULBSEAL, REAR WINDOW (left) .	1	06	L500020	BUSHING/NYLON.....	4
03	101905	CLIP, Z.....	4	07	L500022	WASHER/FLAT BLACK.....	4
04	L500017	1/4"-20 NUT/ACORN BLK.....	4	08	101733	1/4"-20 x 7/8" TRS TX.....	4

744 / 944 / 1155

Cab

Window - Rear

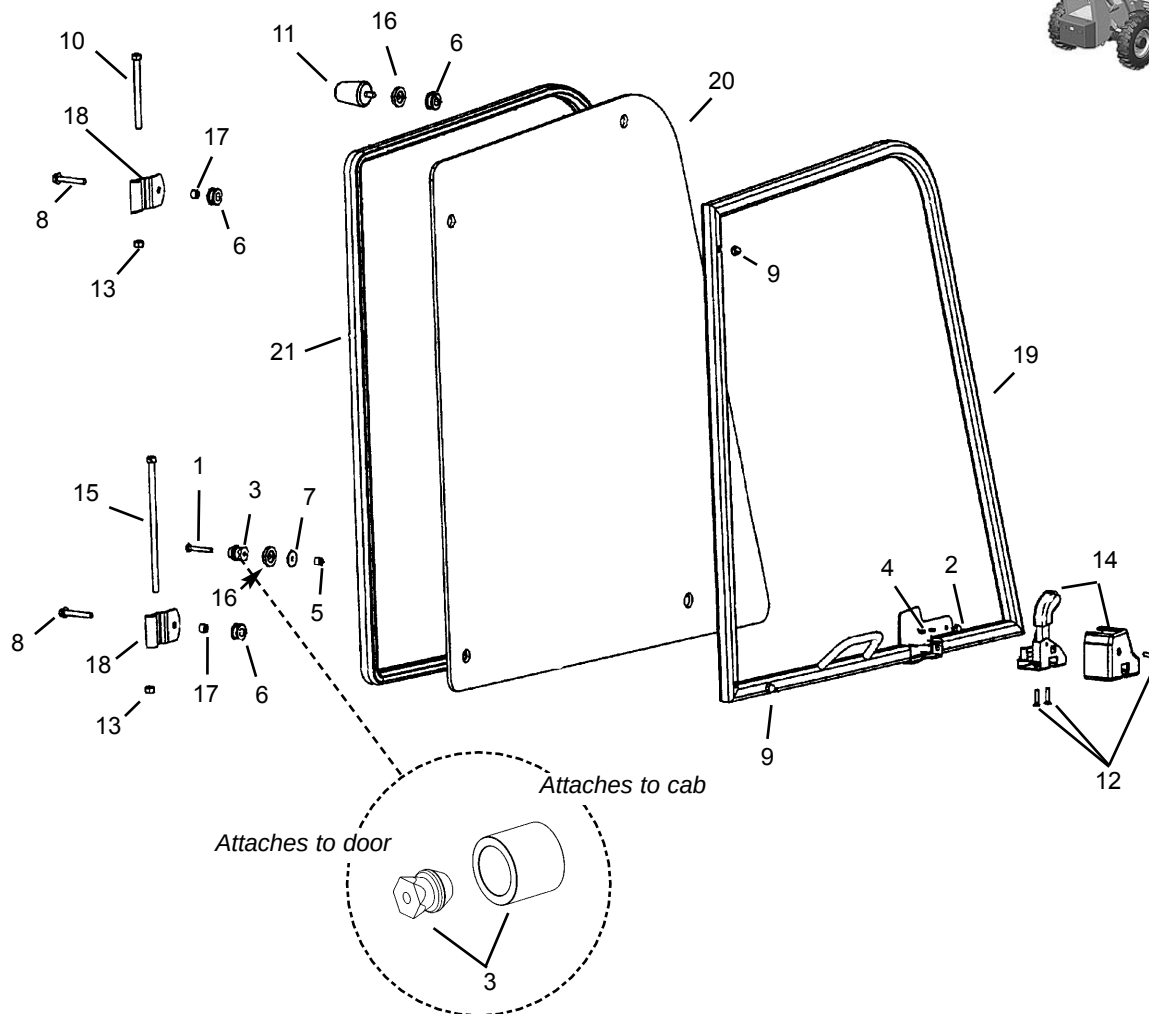


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	101761	REAR WINDOW (complete)	1	08	L500022	WASHER, FLAT BLACK	2
01	L500017	1/4"-20 NUT/ACORN BLK	2	09	L500024	HINGE/PLASTIC	2
02	L70486	1/4"-20 x 1" BOLT BLK	2	10	L500025	PIN/DETENT RING	1
03	101732	1/4"-20 x 1-1/4" TRS G5 ES5BF	4	11	101790	GASKET	2
04	L500019	PIN, ROLL	1	12	101728	GLASS, REAR WINDOW	1
05	101727	HOLD OPEN, WINDOW T-STYLE	1	13	101729	BULBSEAL, REAR WINDOW	1
06	L500020	BUSHING, NYLON	2	14	101730	MOUNT, REAR WINDOW LATCH	1
07	L500021	GROMMET, 1/2"ID 1/4" GROOVE	2	15	101908	HINGE BLOCK	2

Cab

Door - Upper

Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	101907	UPPER DOOR (complete)	1	13	101743	NUT, 3/8"-16 HEX TL-316SS	2
		(includes all items shown)		14	101756	LATCH, ROTARY RIGHT	1
01	L500034	SCREW, HEX	1	15	101757	BLT, 3/8"-16 x 8-1/2" HEX SS	1
02	L500017	NUT, ACORN .25-20 BLK	1	16	101719	GLASS MOUNT	2
03 ^a	L500036	HOLD OPEN, DOOR (set)	1	17	L500042	BUSHING, STEEL	2
04	101753	NUT, HEX M6x1 YZ DR 10.9	2	18	101909	HINGE, DOOR	2
05	L500020	BUSHING/NYLON	1	19	101910	WLDMNT, UPPER DOOR	1
06	L500021	GROMMET, 0.50" ID 0.25"	3	20	L500967	GLASS, UPPER DOOR	1
07	L500114	BUSHING/NYLON-WHITE	1		L500607	GLUE KIT	1
08	L500037	BOLT/BLK TRUSS HEAD	2	21	101759	BULBSEAL, UPPER DOOR	1
09	L500038	NUT/ACORN BLACK	2				
10	101754	BOLT, 3/8"-16 x 4-1/2" 304 SS	1				
11	101709	BUMPER, RUBBER 2" CONE	1				
12	101755	BOLT, M6x1x25 FLT PH ES5YZ	3				

a Includes both components, one attaches to door, the other attaches to the cab; they are not sold separately.

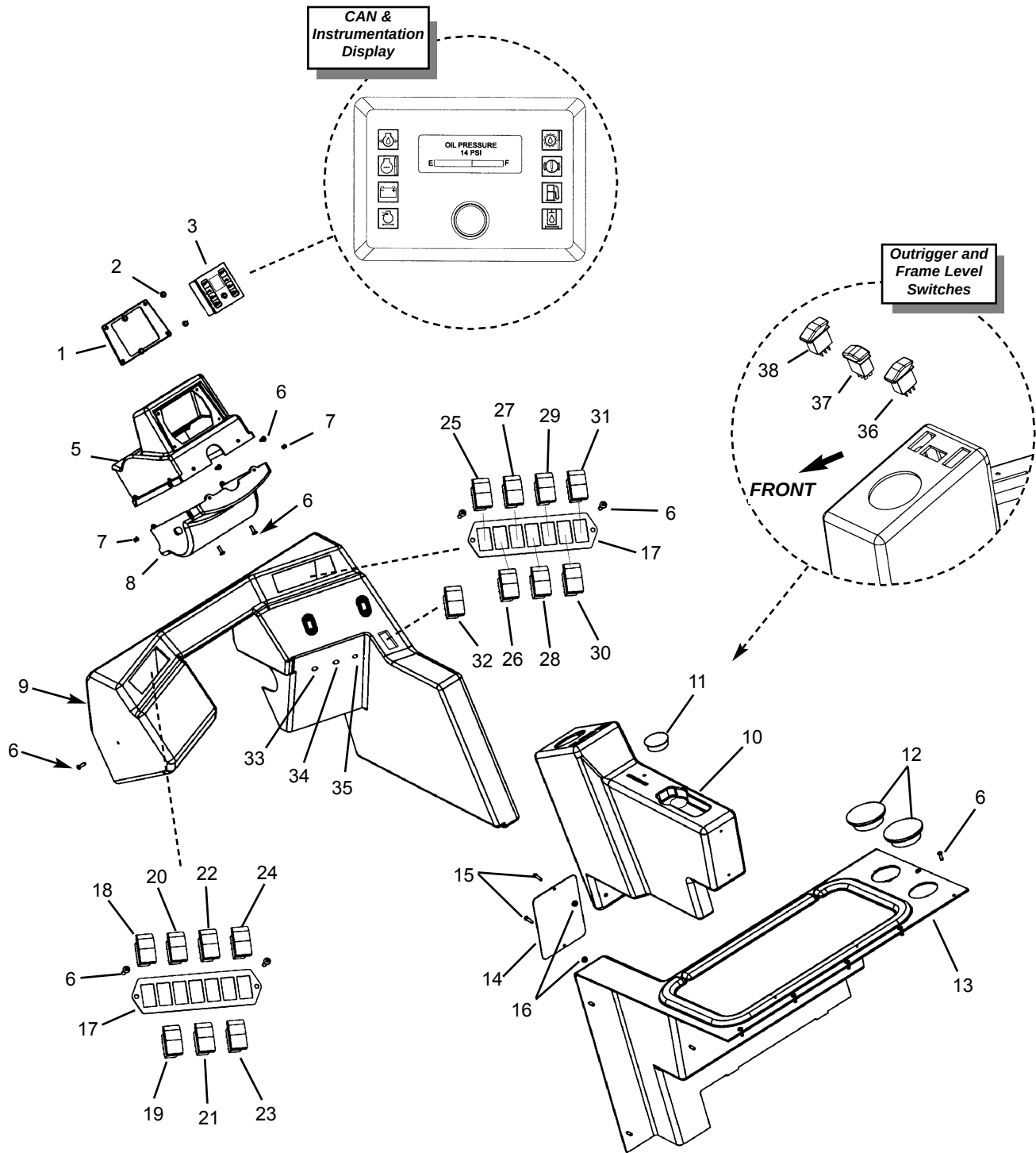


913291/CP0312

Cab

Mustang Telehandler

Interior - Dash, Switches, and Panels

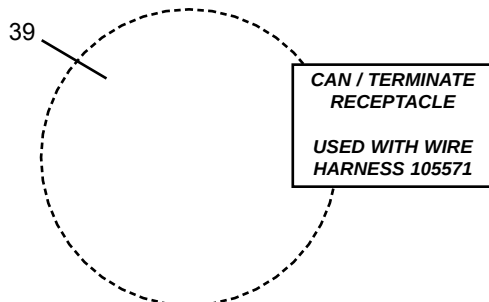


744 / 944 / 1155**Cab****Interior - Dash, Switches, and Panels**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105836	PANEL, DISPLAY MOUNT	1	-- ITEMS NOT SHOWN --			
02	L70501	RIVET, REMOVABLE	4	00	L64078	DUAL RATE ALARM (buzzer)	1
03	105554	DISPLAY, CAN & INSTRUMENTS	1	00	L70068	HOLE PLUG, 7/16"	AR
05	101492	PLASTIC, UPPER STEER COL.	1	00	L70069	HOLE PLUG, 1/2"	AR
06	101550	SCREW, 1/4"-20 x.3/4" (phillips)	32	(Load Chart)			
07	L69825	BINDING POST & SCREW	2	00	L69402	PLATE, LOAD CHART	10
08	101491	PLASTIC, LOWER STEER COL.	1	00	L63887	U-BOLT 1/4"	2
09	101490	PLASTIC, DASH	1	00	L50051	1/4" NUT	4
10	101493	PLASTIC, CONSOLE (right side)	1	(Wiring Harness)			
11	L70017	PLUG, 2.25 " HOLE	1	00	101443	CANOPY WIRE HARNESS.	1
12	101524	PLUG, 3.0" HOLE	2		L5000748	DIODE PACK, 3 DIODES	2
13	101494	PLASTIC, REAR DECK.	1		L500747	DIODE PACK, CLEAR COVER.	2
14	101528	COVER, RECIRC VENT HOLE.	1	<i>(Attaches to fuse box and runs under the dash.)</i>			
15	L70486	SCREW, 1/4"-20 x1" BLK	2	00	103160	DOME LIGHT HARNESS	1
16	L50051	NUT, 1/4"-20 WHIZ LOCK ZP	2	00	103161	DOME LIGHT GROUND WIRE.	1
17	L71709	BEZEL (7 holes for switches)	2	(Wire Harness - Frame)			
18	L71075	SWITCH, STEER MODE.	1	00	L71341	FRAME WIRE HARNESS.	1
19	L71085	SWITCH, AXLE ALIGNMENT	1	(Wire Harness - Engine)			
20 ^a	L71082	SWITCH, LIGHTS	1	00	105571	ECU INTERFACE HARNESS	1
21 ^a	L71077	SWITCH, HAZARD LIGHTS	1		106001	CAN, TERMINATE RECEPTACLE	1
22 ^a	L71084	SWITCH, TURN SIGNALS	1	00	101250	ENGINE HARNESS	1
23 ^a	L71083	SWITCH, BEACON	1	00	105692	THROTTLE AND INSTRUMENTS	1
24	L71691	SWITCH, WORK PLATFORM.	1	(Wire Harness - Transmission)			
25 ^a	L71081	SWITCH, ETHER INJECTION	1	<i>(refer to Transmission section)</i>			
26	L71086	SWITCH, CLUTCH CUT-OUT.	1	(Fuse box fuses and relays)			
27 ^a	L71076	SWITCH, WIPER-WASHER	1	00	L70075	CHANGEOVER RELAY	10
28 ^a	L71076	SWITCH, WIPER-WASHER	1	00	L70123	FLASHER UNIT	1
29 ^a	L71078	SWITCH, FAN SPEED	1	00	L70121	WIRE ASY	7
30 ^a	L71080	SWITCH, HEATER & A/C	1	00	101356	CONNECTION BRIDGE.	2
	L71079	SWITCH, HEATER ONLY	1	00	L70244	5 A ATC FUSE	4
31	L71074	SWITCH, PARK BRAKE	1	00	L70245	10 A ATC FUSE	4
32	101278	SWITCH, ENGINE FAULT.	1	00	L70246	20 A ATC FUSE	4
33	089069	IGNITION SWITCH	1	00	L70247	30 A FUSE	4
	089070	KEY ONLY	1	00	L500225	60 A FUSE	4
34	L41848	START PUSH BUTTON	1	(Fuse box fuses and relays)			
35	101378	HEATER CONTROL W/CABLE.	1	(Fuse box fuses and relays)			
	L99983	KNOB ONLY.	1	(Fuse box fuses and relays)			
36 ^a	L71072	SWITCH, OUTRIGGER (left)	1	(Fuse box fuses and relays)			
37	L71071	SWITCH, FRAME LEVEL	1	(Fuse box fuses and relays)			
38 ^a	L71073	SWITCH, OUTRIGGER (right)	1	(Fuse box fuses and relays)			
39	106001	CAN, TERMINATE RECEPTACLE	1	(Fuse box fuses and relays)			
		<i>(included with wire harness 105571)</i>		(Fuse box fuses and relays)			

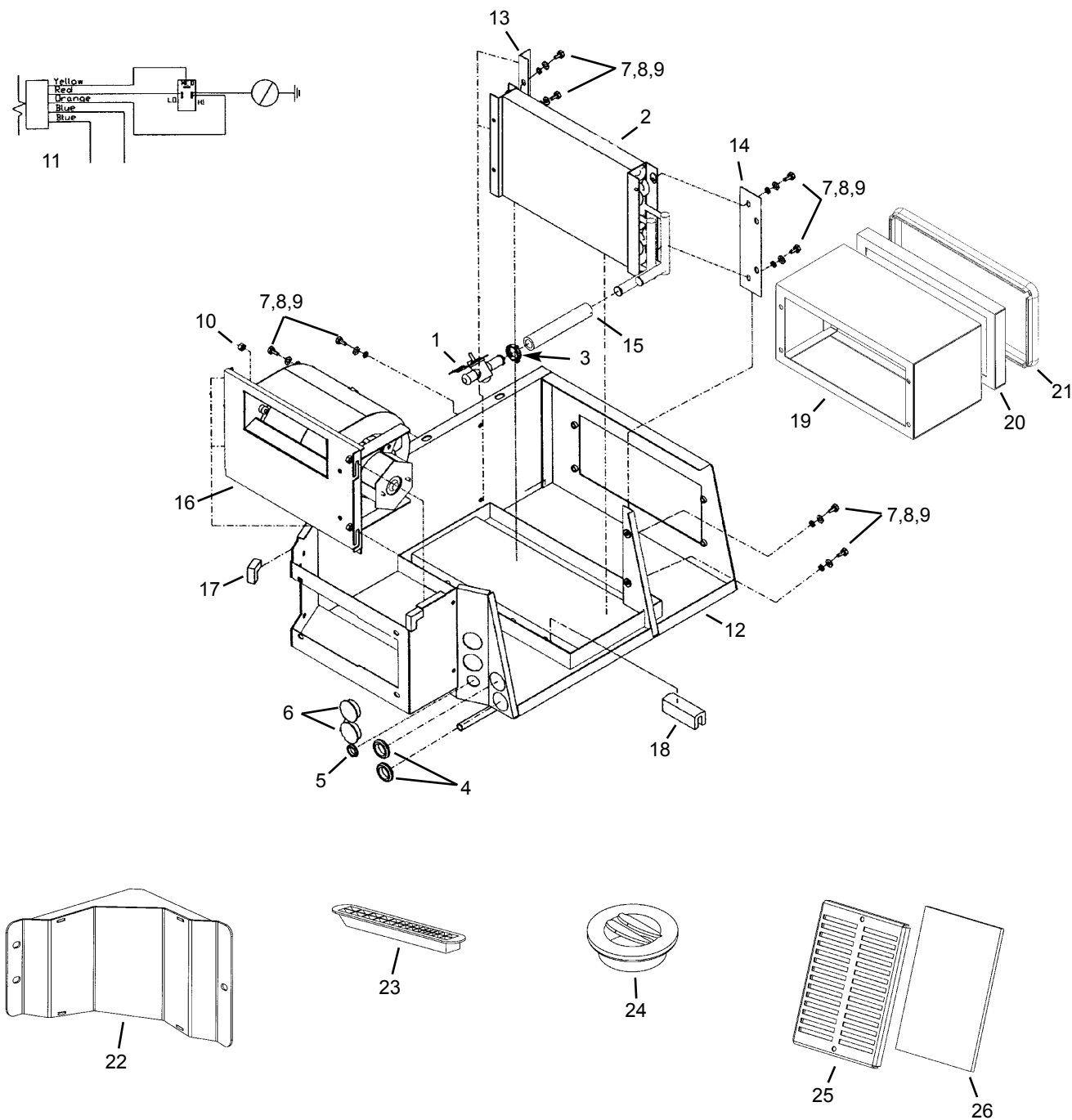
NOTE: Right side arm rest is shown in the Seat section.

a Use part number L71088 Switch Hole Plug when switch is not present.



Cab Heater (No Air Conditioning)

Mustang Telehandler



744 / 944 / 1155

Cab

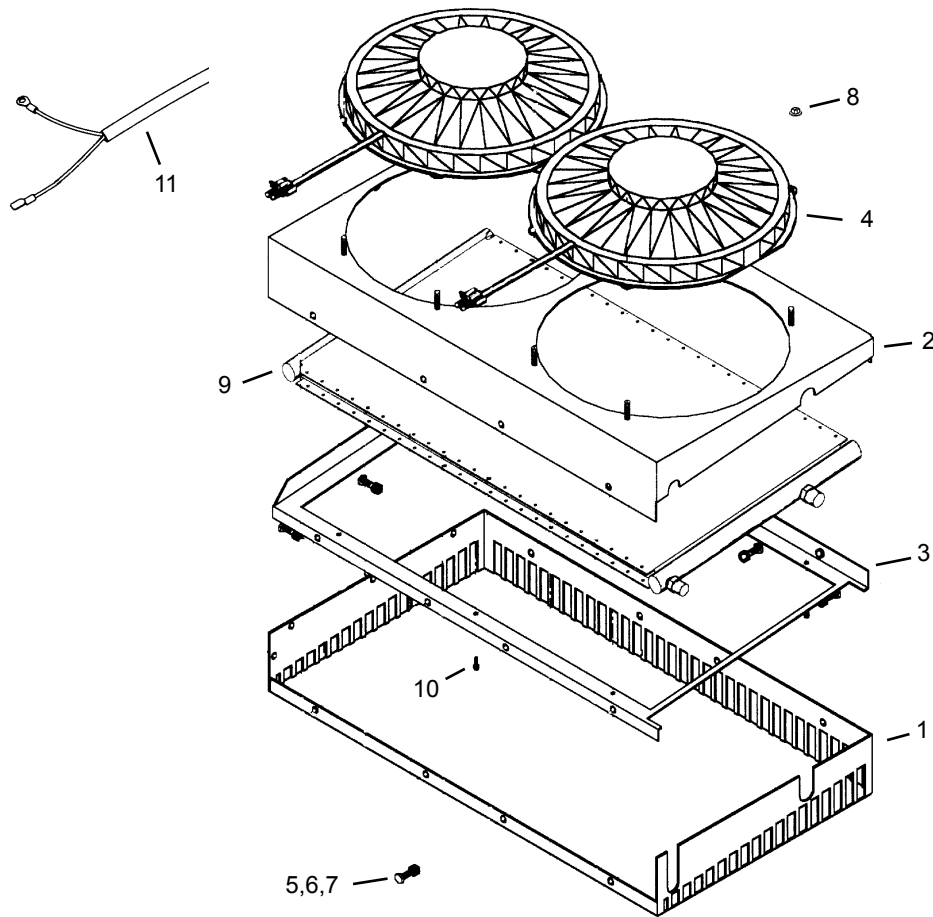
Heater (No Air Conditioning)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500163	VALVE, WATER.....	1	19	101840	FILTER HOUSING.....	1
02	L500162	COIL, HEATER	1	20	101843	FILTER.....	1
03	L500161	CLAMP, HOSE	2	21	101841	HOUSING BULBSEAL	1
04	L500160	GROMMET, 1-3/8" x 1"	2	22	101650	HEATER DUCT.....	1
05	L500159	GROMMET, 7/8" x 5/8"	1		650315	1/4"-20X1/2" BOLT	3
06	L500158	PLUG, PLASTIC, 1-3/8".....	2	23	L500059	LOUVER, FIXED VAIN	1
07	L500157	1/4"-20 x 1/2" BOLT	11	24	137502	LOUVER, ROUND 3"	2
08	654002	FLAT WASHER, 1/4".....	8	25	101849	COVER, RECIRC FILTER.....	1
09	654022	LOCK WASHER, 1/4"	11	26	101848	RECIRCULATING FILTER	1
10	L50051	NUT, 1/4"-20 WHIZ LOCK ZP	4			--EXTERNAL COMPONENTS NOT SHOWN--	
11	L500578	WIRE HARNESS.....	1				
12	101825	MAIN HOUSING WLDMNT.....	1	27	101378	HEATER CONTROL W/CABLE.	1
13	L500152	BRACKET, COIL (<i>left</i>)	1		L99983	KNOB ONLY.....	1
14	L500151	BRACKET, COIL (<i>right</i>)	1	28	101508	DECAL, HEATER CONTROL	1
15	L500150	HOSE, HEATER	1	29	L99847	HEATER HOSE (16 feet)	1
16	L500398	BLOWER ASSEMBLY	1	30	L99966	SHUT-OFF VALVE.....	1
	103010	FAN MOTOR (<i>one only</i>)	1			(<i>mounted on engine</i>)	
17	L500148	STRIP, WEATHERSTRIP	1				
18	L500147	STRIP, TRIM	1				

Cab

Air Conditioner - Condenser

Mustang Telehandler

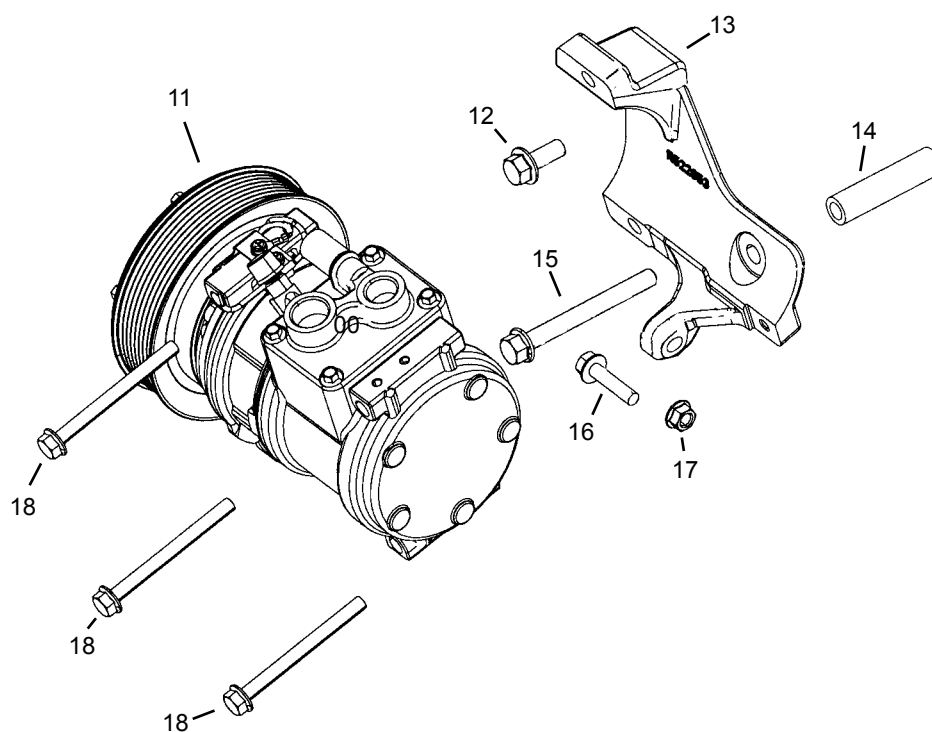
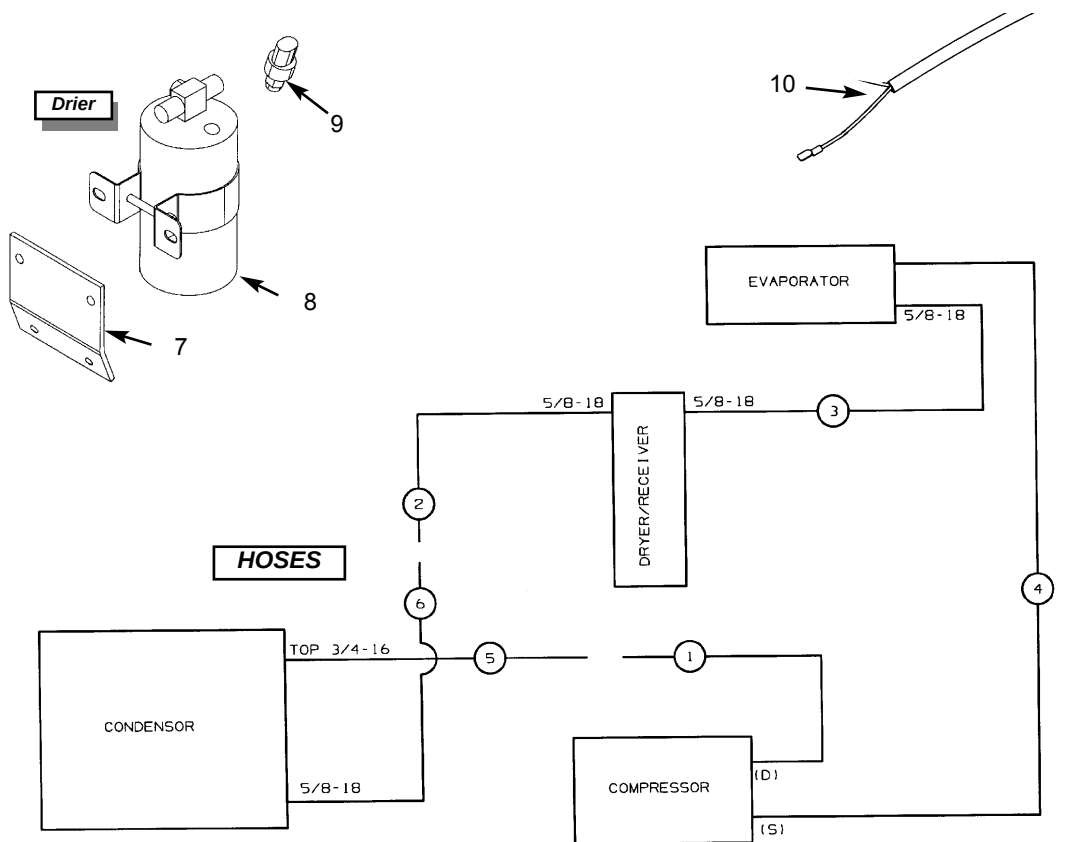


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L71520	AIR CONDITIONER (<i>complete</i>) . . .	1	10	L500596	SHEET METAL SCREW	6
01	L500591	CONDENSER BASE PLATE.	1	11	L71720	CONDENSER WIRE HARNESS. . .	1
02	L500592	CONDENSER TOP PLATE.	1		L70075	RELAY (<i>not shown</i>)	1
03	L500593	CONDENSER COIL PLATE	1				
04	L500594	CONDENSER FAN ASSEMBLY . . .	2				
05	L50236	1/4"-20 x 1/2" BOLT.	12			-- ITEMS NOT SHOWN --	
06	654002	FLAT WASHER 1/4"	12	00		CONDENSER MOUNT	1
07	654022	LOCK WASHER 1/4".	1		100091	3-SECTION HIGH BOOM	
08	L50051	1/4"-20 SERRATED FLANGE NUT. .	8		100501	4-SECTION HIGH BOOM	
09	L500595	CONDENSER COIL	1		101668	4-SECTION HIGH BOOM	

Cab

Mustang Telehandler

Air Conditioner - Hoses, Compressor and Dryer



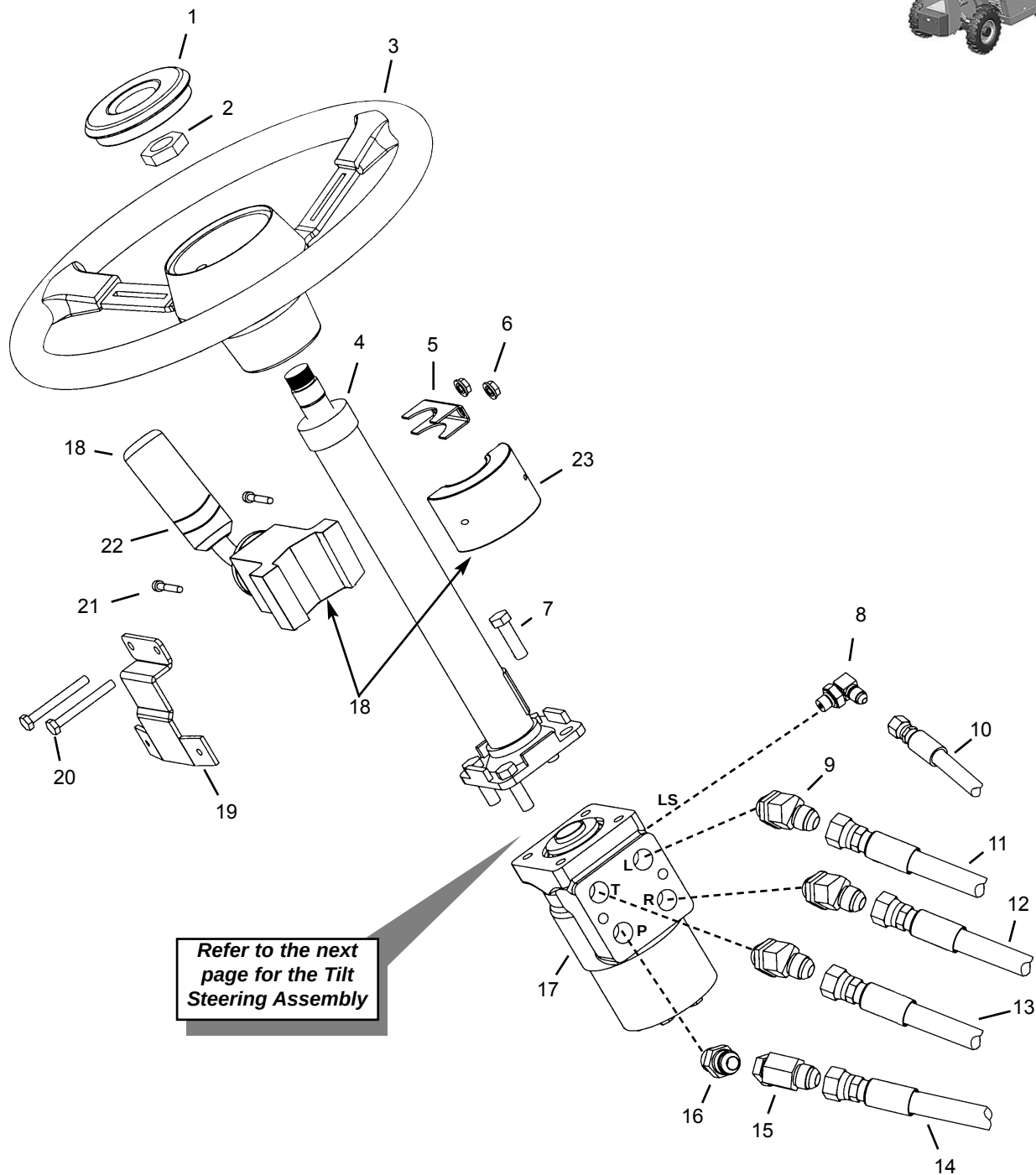
744 / 944 / 1155**Cab****Air Conditioner - Hoses, Compressor and Dryer**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	210182	HOSE ASSEMBLY (13/32")	1	09	L500720	BINARY SWITCH	1
02	L71716	HOSE ASSEMBLY (5/16" X 102") . .	1	10	L71721	A/C WIRE HARNESS	1
03	L70798	HOSE ASY, 5/16" x 72"	1	11	210195	COMPRESSOR, A/C	1
04	210183	HOSE ASY, 5/8" x 122"	1	12	210193	M8 x 90 10.9 BOLT	3
05		HOSE ASSEMBLY	1	13	210188	BRACKET, AC COMPRESSOR . . .	1
	101687	(4-section low boom) 13/32" x 100" .			210213	BUSHING, ALIGNMENT(not shown)	2
	L71754	(high boom) 13/32" x 66"		14	210189	BUSHING (SPACER)	1
06		HOSE ASSEMBLY	1	15	210190	M10 x 90 10.9 BOLT	1
	101688	(4-section low boom) 5/16" X 100" .		16	210192	M8 x 35 BOLT	1
	L71755	(high boom) 5/16" X 66"		17	210191	M8 NUT	1
07	L70696	DRYER MOUNT BRACKET	1	18	210194	M8 x 90 10.9 BOLT	3
	650484	5/16"-18X1/2" BOLT	4				
	L50056	5/16"-18 NUT	2				
08	L70723	A/C DRYER	1			-- ITEMS NOT SHOWN --	
	650484	5/16"-18X1/2" BOLT	2	00	105821	FAN BELT (A/C equipped)	1
	L50056	5/16"-18 FLANGE NUT	2	00	210145	WIRE / COMPRESSOR ADAPTER	1

Cab

Steering Column Group

Mustang Telehandler



744 / 944 / 1155**Cab****Steering Column Group**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69596	HORN BUTTON W/TRUMPET	1	16	L64524	CHECK VALVE	1
02	L41261	COLUMN NUT	1	17	101881	STEER MOTOR ASY.	1
03	L69595	STEERING WHEEL	1	18	L69012	F-N-R/1-2-3-4 SHIFTER.	1
04	L70120	STEERING COLUMN	1			(includes item 23)	
05	P054800	MUFFLER CLAMP BRACKET	1		L99425	BOOT, SHIFTER	1
06	L50051	1/4"-20 FLANGE NUT	2	19	L500080	STEER COL. MT. BRACKET	1
07	651625	3/8"-16 x 1-1/4" BUTTN HD BOLT .	4	20	650839	1/4"-20 x 2-1/4" BOLT	2
08	095601	ADAP., -4ORM -4JICM	1	21	L50101	M5 x 35 MM SHCS	2
09	076880	ADAP., -8ORM -8JICM 45 ELBOW .	3	22	L500439	DECAL, SHIFTER 1-2-3-4.	1
10	L69925	HOSE, -4 A4/A6 100"	1	23	105236	SHIFTER CLAMP (only)	1
11	L69935	HOSE, -6 A8/A6 108"	1			(included with item 18)	
12	L69936	HOSE, -6 A8/DS6 100"	1			-- ITEMS NOT SHOWN --	
13	L69933	HOSE, -6 A8/A6 60"	1				
14	L69934	HOSE, -6 A8/DS8 88"	1	00	L70045	HORN, 12VDC	1
15	069194	ADAP., -8JICFS -8JICM SWVL . . .	1				

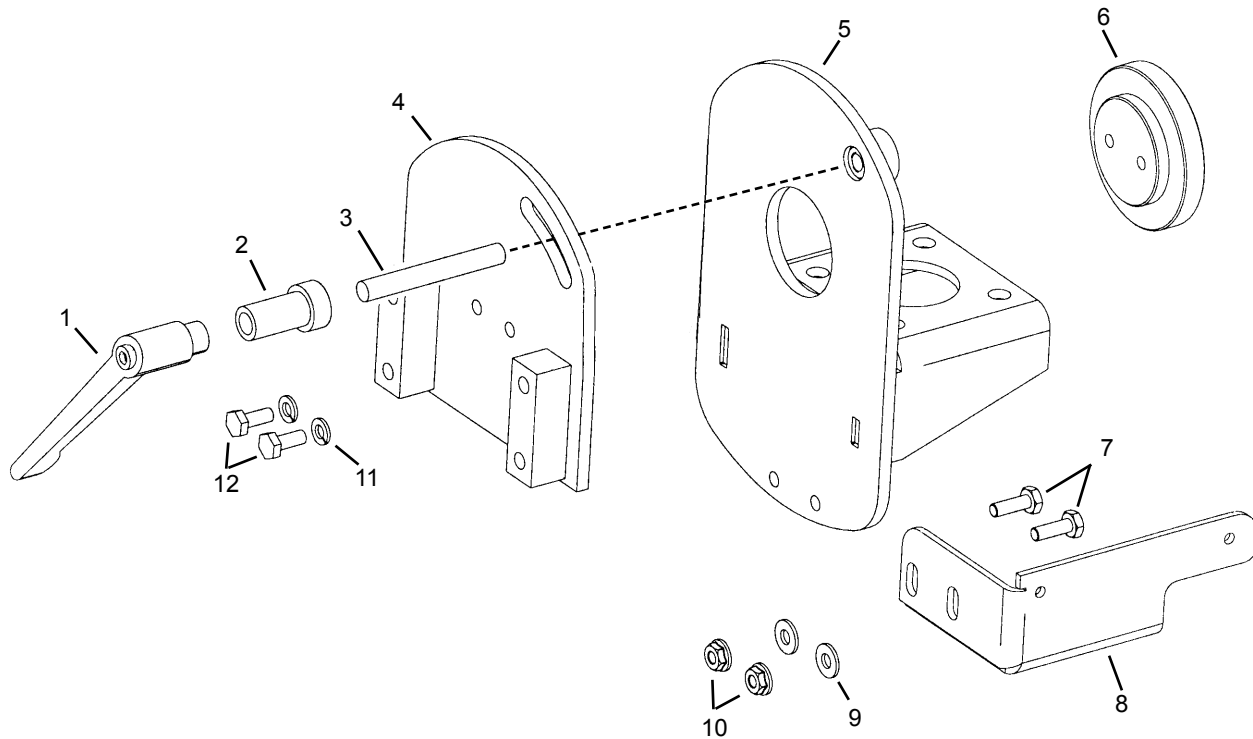
Hose Locator

Ref No.	From Port	To Port
10	STEER MOTOR "LS" (IN CAB)	LEVEL VALVE "LSB"
11	STEER MOTOR "L" (IN CAB)	STEER SELECT VALVE "P"
12	STEER MOTOR "R" (IN CAB)	STEER/BRAKE MANIFOLD (TOP RIGHT SIDE)
13	STEER MOTOR "T" (IN CAB)	HYDRAULIC TANK RETURN MANIFOLD
14	STEER MOTOR "P" (IN CAB)	HYDRAULIC PUMP
		(Refer to item #32, hydraulic pump page)

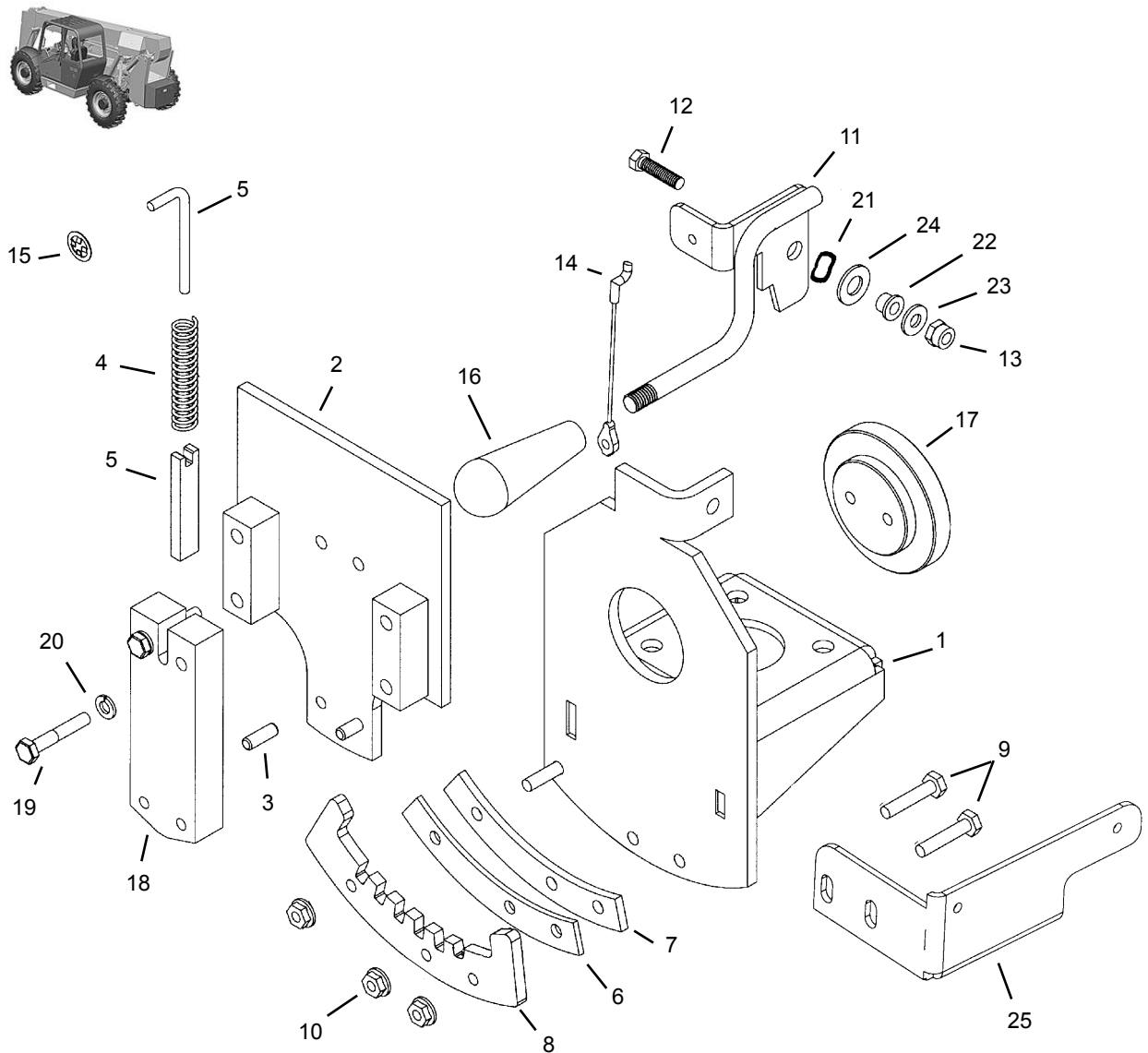
Cab

Mustang Telehandler

Steering Column - Tilt Assembly (Later Style)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105758	HANDLE, QUICK-RELEASE.....	1	07	650448	1/4" x 3/4" BOLT	2
02	105757	COMPRESSION SLEEVE.....	1	08	L500081	STEER BRACKET, REAR.....	1
03	105756	STUD, 3/8"-16 x 3"	1	09	654002	1/4" FLAT WASHER	2
04	210019	STEERING MOUNT	1	10	L50051	1/4" WHIZ LOCK NUT.....	2
05	105753	STEER COLUMN MOUNT	1	11	654022	1/4" LOCK WASHER.....	2
06	L69101	PIVOT	1	12	650663	1/4" x 5/8" BOLT	2

744 / 944 / 1155**Cab****Steering Column - Tilt Assembly (Early Style)**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101884	MOUNT WELDMENT	1	14	L69226	TILT LEVER CABLE	1
02	L69542	STEERING MOUNT WELD.	1	15	L69099	PUSH-ON RETAINER	1
	650490	3/8"-16 x 1" BOLT	4	16	L69232	TILT HANDLE KNOB	1
03	L69085	DOWEL	2	17	L69101	PIVOT PIN	1
04	L69095	COMPRESSION SPRING	1	18	L69155	PIN GUIDE	1
05	L69100	CATCH PIN WELD	1	19	650588	1/4"-20 x 1-1/2" BOLT	2
06	L69079	SPACER 3/16"	1	20	L50139	1/4" LOCK WASHER	2
07	L69081	SPACER 1/16"	1	21	L69392	WAVE SPRING	1
08 ^a	L69162	CATCH PLATE	1	22	L69355	NYLON SHOULDER WASHER ...	1
09	650426	1/4"-20 x 1-1/4" BOLT	3	23	654002	1/4" WASHER	1
10	L50051	1/4"-20 SERR. FLANGE NUT	3	24	654006	3/8" WASHER	1
11	L69238	TILT LEVER WELD.	1	25	L500081	BRACKET, LOWER PLASTIC	1
12	650426	1/4"-20 x 1-1/4" BOLT	1				
13	L500023	1/4"-20 NYLON INSERT NUT	1				

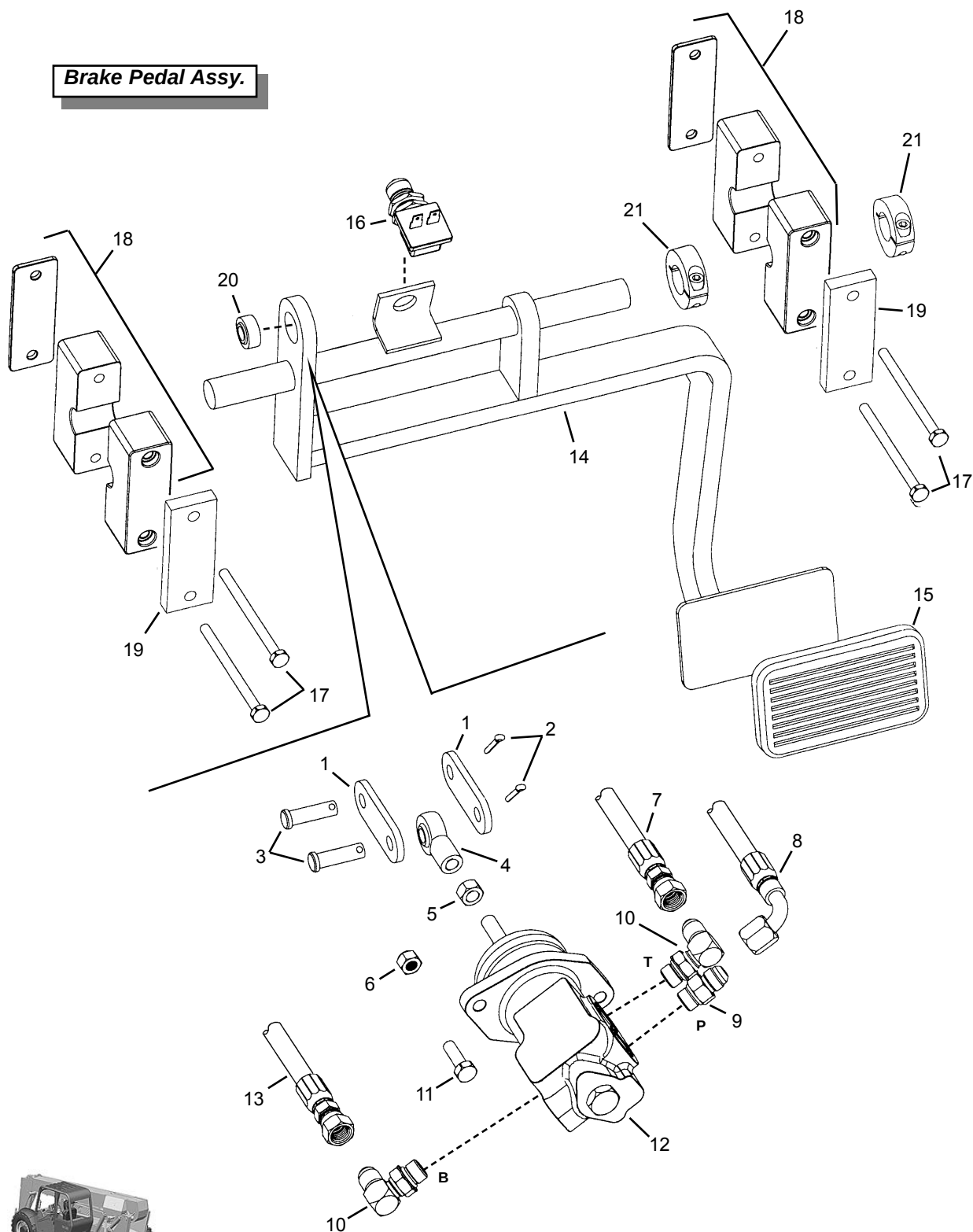
a Replaces two plates used on earlier units.

Cab

Mustang Telehandler

Pedals - Brake and Throttle

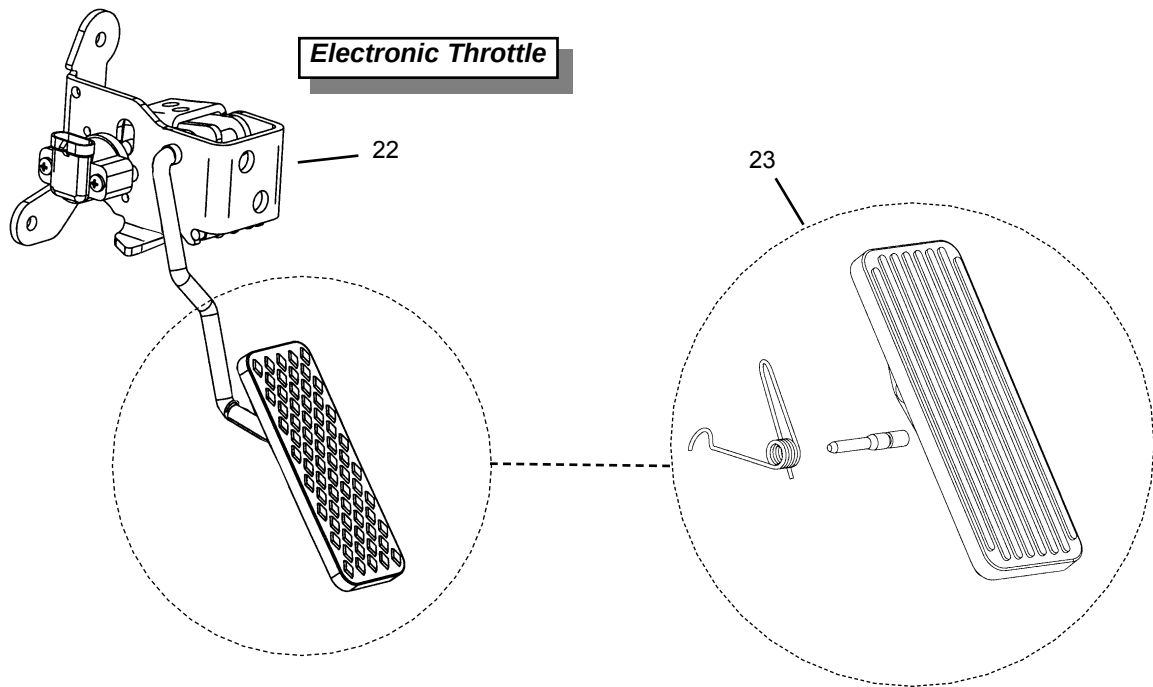
Brake Pedal Assy.



744 / 944 / 1155**Cab****Pedals - Brake and Throttle**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70184	LINK.....	2	12	L69572	BRAKE MODULATING VALVE	1
02	655006	COTTER PIN 1/8" x 1"	2	13	L69929	HOSE, -4 A6/A4 102"	1
03	L42342	CLEVIS PIN 3/8" x 1-1/4"	2	14	L69590	BRAKE LEVER WELD.	1
04	L70183	ROD END 3/8".....	1	15	L69789	RUBBER PAD	1
05	090666	3/8"-24 NUT	1	16	L64890	ELECTRIC SWITCH	1
06	L520004	5/16"-18 NYLON INSERT NUT	2	17	L50217	1/4"-20 x 3-1/2" BOLT	4
07	L69927	HOSE, -4 A6/A6 81"	1	18	L70248	CLAMP BLOCK AND PLATE	2
08	L69926	HOSE, -4 A6/DS6 100"	1	19	L70250	CLAMP SPACER.....	2
09	054994	ADAP., -6ORM -6JICM STR	1	20	L70435	BUSHING	1
10	068938	ADAP., -6ORM -6JICM 90°	2	21	L70558	LOCK COLLAR	2
11	650487	5/16"-18 x 1" BOLT	2	22	105502	FOOT PEDAL, ELECTRONIC.	1
				23	107001	KIT, THROTTLE PEDAL	1

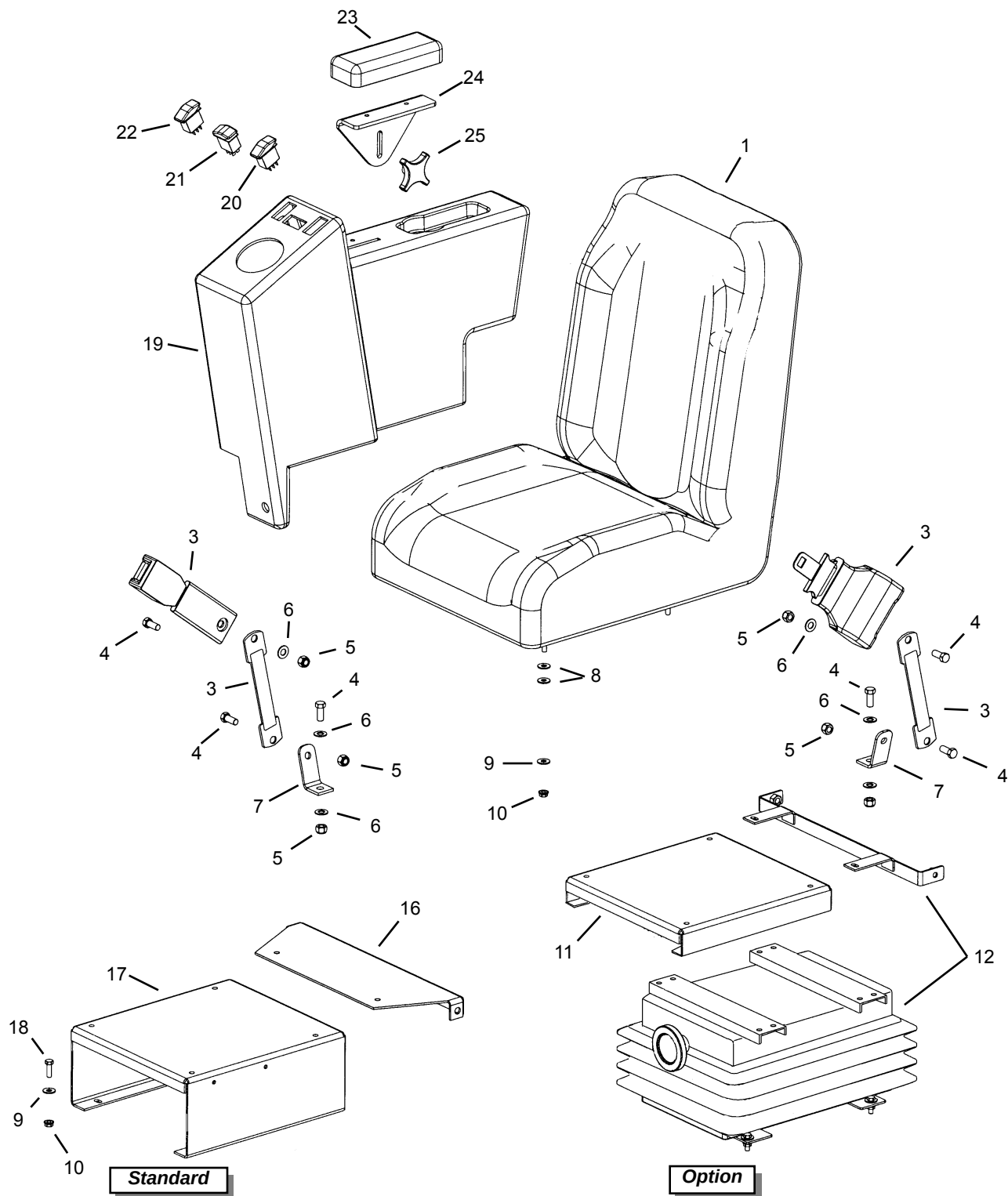
(Includes pedal, pin, and spring only; does not include electronic throttle).

**Hose Locator**

Ref No.	From Port	To Port
07	BRAKE MODULATING VALVE "T"	HYDRAULIC TANK RETURN MANIFOLD
08	BRAKE MODULATING VALVE "P"	SAHR VALVE "AO"
13	BRAKE MODULATING VALVE "B"	BRAKE MANIFOLD (BOTTOM PORT)

Cab Seat

Mustang Telehandler



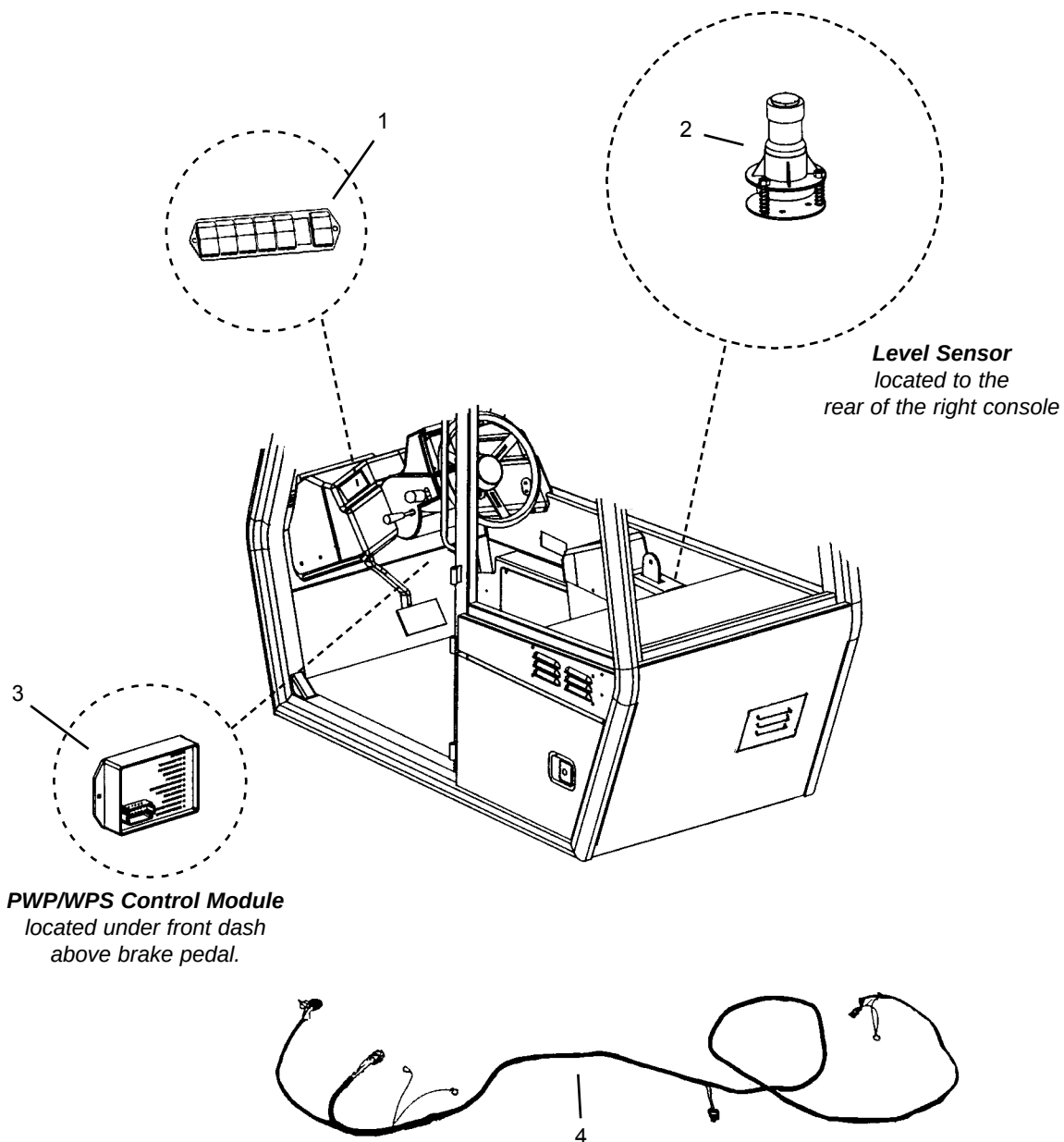
Suspension Seat (Option)

The diagram shows a rectangular seat cushion (26) with a circular hole on its side, resting on a stack of five horizontal slats. To the right, a vertical rod (28) with a circular end cap is shown. Below the slats, a circular component (27) with a serrated edge is shown.

Work Platform System

Cab Components

Mustang Telehandler



DL7/DL9/DL11/DL12

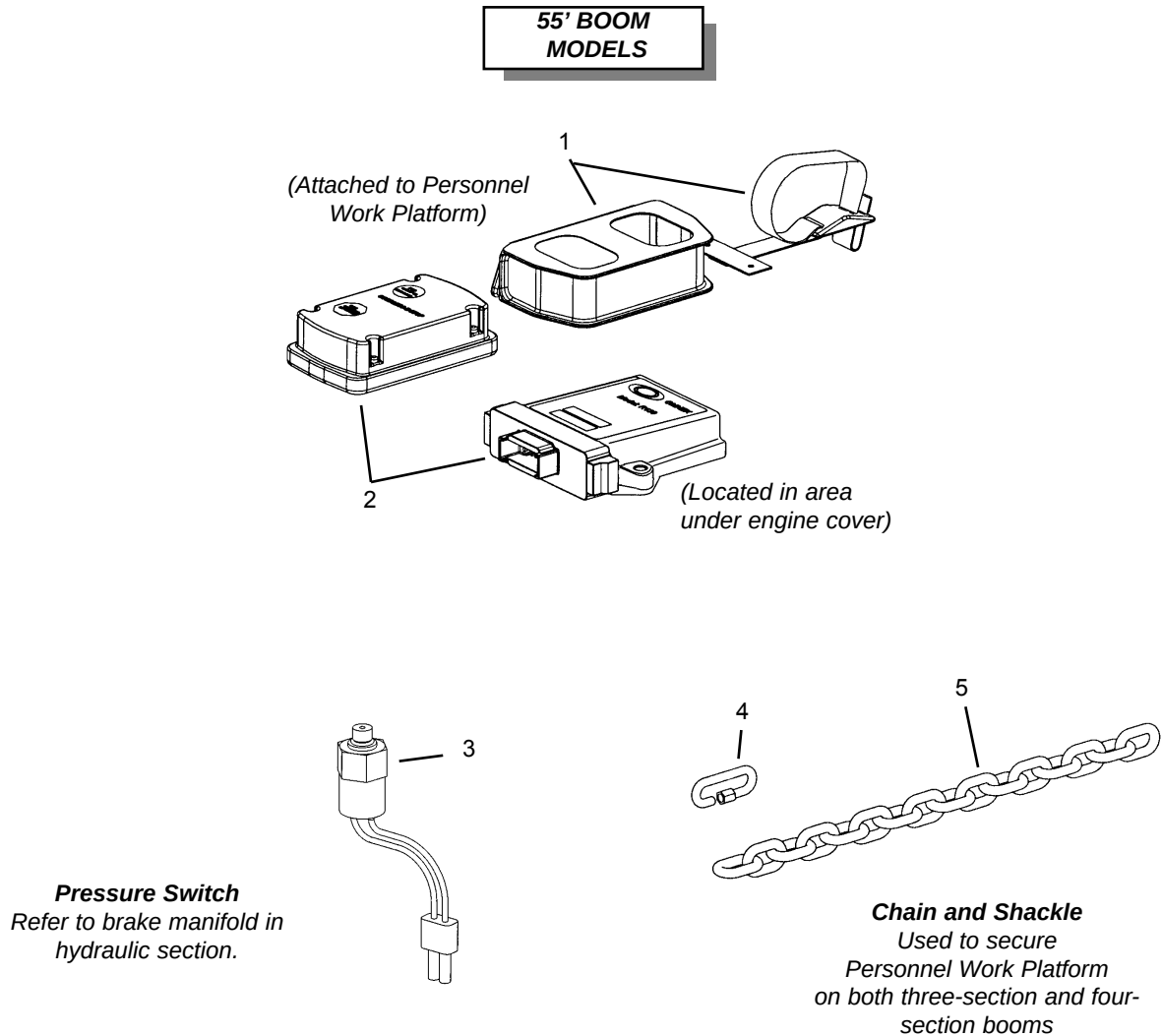
Work Platform System *Cab Components*

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	L71691	WORK PLATFORM SWITCH	1	03	104078	CONTROL MODULE.	1
02	L71553	LEVEL SENSOR	1	04	104065	WIRE HARNESS.	1

a Use L70017 plug when not equipped with WPS .

DL7/DL9/DL11/DL12

Work Platform System 4-Section Boom Components



Ref. No.	Part No.	Description	Qty. Req.
01	102676	WIRELESS SWITCH POUCH	1
02 ^a	102675	RADIO REMOTE SYSTEM (Transmitter and Receiver)	1
03	L70415	PRESSURE SWITCH	1
04 ^b	L71752	5/16" CHAIN SHACKLE	1
05 ^b	L71751	5/16" CHAIN GR40 16 LINKS	1

Ref. No.	Part No.	Description	Qty. Req.
-- ITEMS NOT SHOWN --			
00	102655	RADIO REMOTE HARNESS (E-Stop receiver)	1
a	The transmitter and receiver are frequency matched, purchase both as a set.		
b	Chain shackle and chain are used for all applications to secure the Personnel Work Platform to the carriage bracket.		

Work Platform System Transmitter and Receiver

Mustang Telehandler

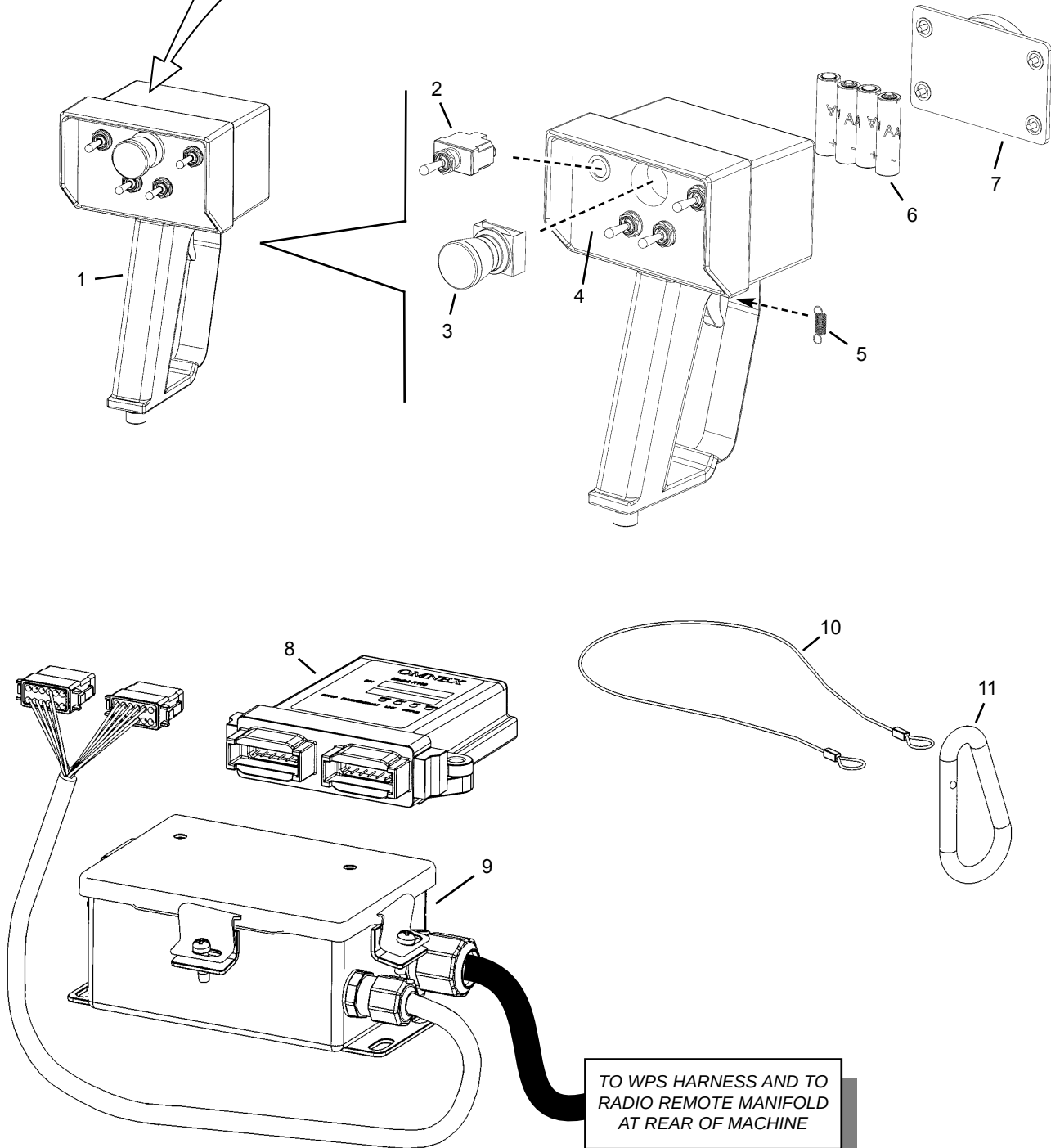
⚠ WARNING

Avoid injury: Read the Operator's Manual. Clear work area before activating Control.

- To activate Remote Control: 1) Press E-stop down, 2) Toggle "Activate" switch (fast LED), and 3) Twist E-stop to release within 10 seconds (slow LED).
- To turn off Remote Control: Press E-stop down.

Keep Control dry; clean with damp cloth. If LED does not blink, check battery orientation. See "Diagnostics" for error codes. Turn off Receiver before servicing Control.

— 12



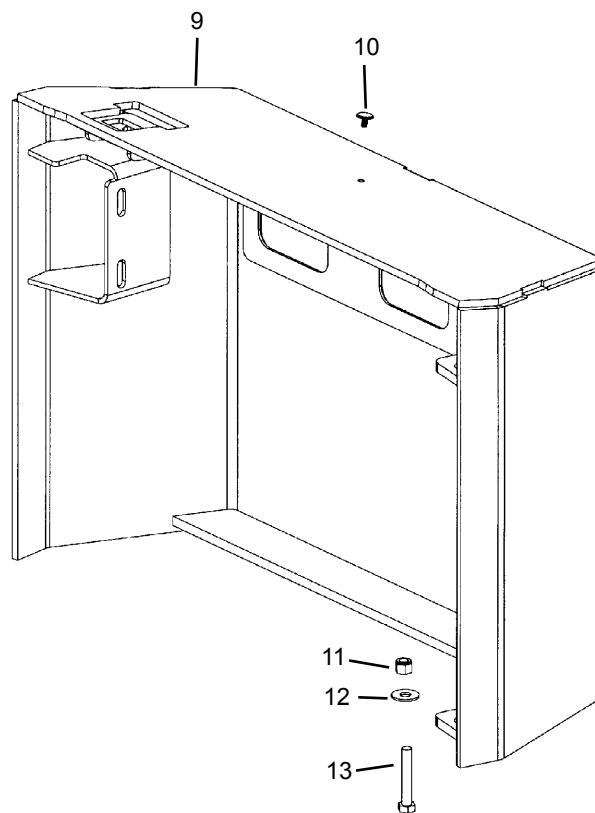
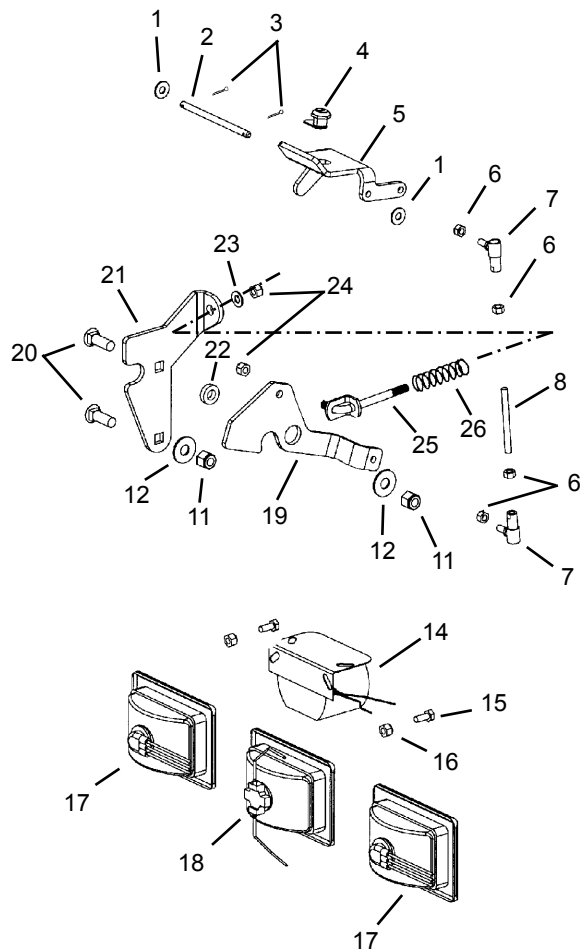
DL7/DL9/DL11/DL12**Work Platform System*****Transmitter and Receiver***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
--	103414	RADIO REMOTE, COMPLETE 1 <i>(Includes all items shown)</i>		10	103475	LANYARD <i>(wire cable)</i> 1	
01 ^a	103479	REMOTE TRANSMITTER. 1		11	103476	SNAP RING, LANYARD 1	
02	103482	SWITCH, TOGGLE 3 POS. MIL . . . 4		12	102968	DECAL, REMOTE TRANSMITTER. 1 <i>(not included with item 1)</i>	
03	210867	SWITCH, E-STOP <i>(push-button)</i> . . . 1					
04	104675	LABEL <i>(switch functions)</i> 1				-- ITEMS NOT SHOWN --	
05	106965	SPRING, TRIGGER. 1		--	103099	FUSE, MINI 15 AMP 1	
06	NSS	AA BATTERY. 4		--	103424	HARNESS, RADIO REMOTE 1 <i>(Connects to existing WPS wire harness.)</i>	
07	50220061	COVER w/MAGNET & SCREWS . . 1					
08	103480	REMOTE RECEIVER 1					
09	210777	ENCLOSURE / CIRCUIT BOARD. . 1 <i>(includes wire harness)</i>					
				a		<i>Requires programming; refer to "Radio Remote Operator's Manual" included with the Radio Remote Control at the time of purchase.</i>	

Chassis

Rear Door

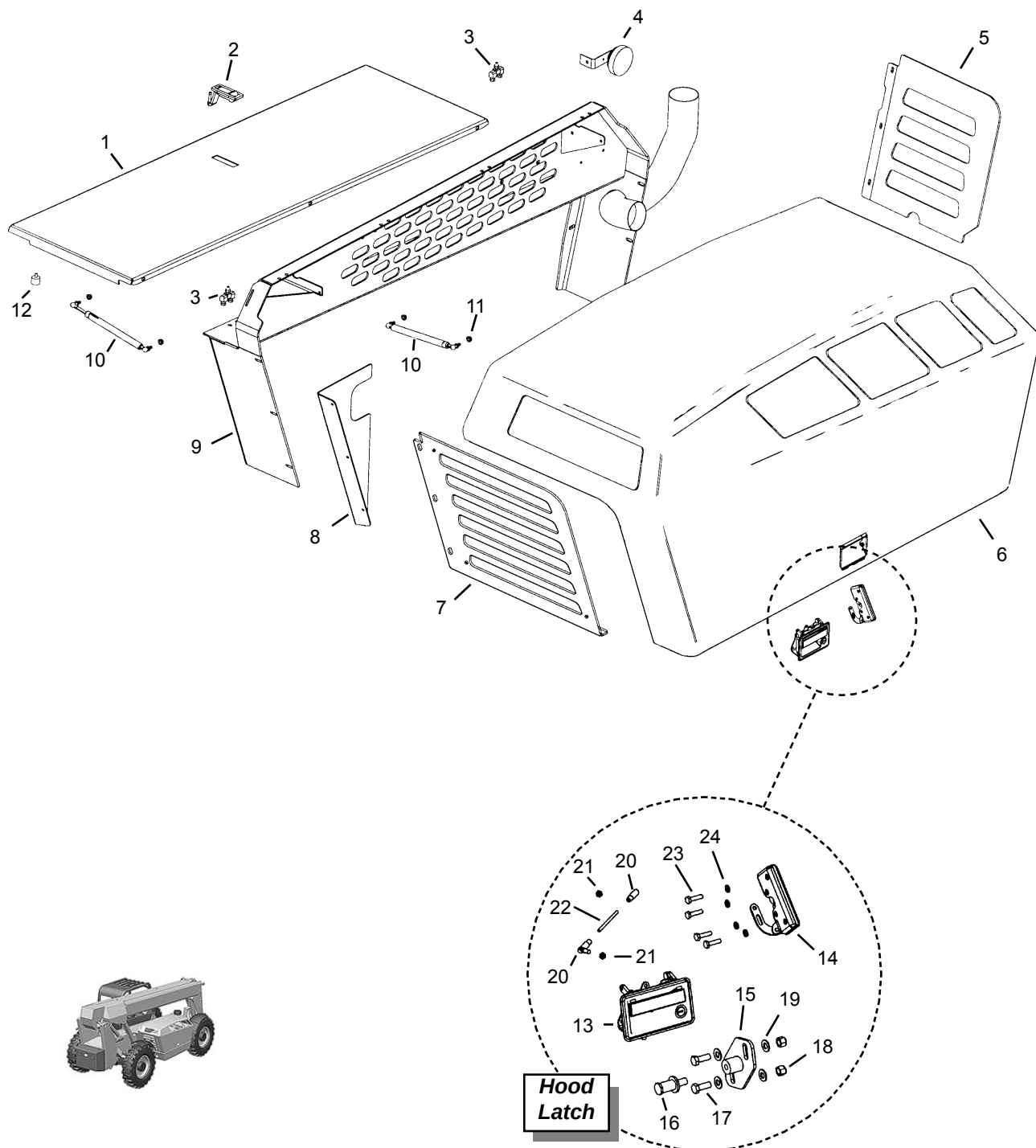
Mustang Telehandler



Chassis

Mustang Telehandler

Hood - Engine and Transmission



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Chassis

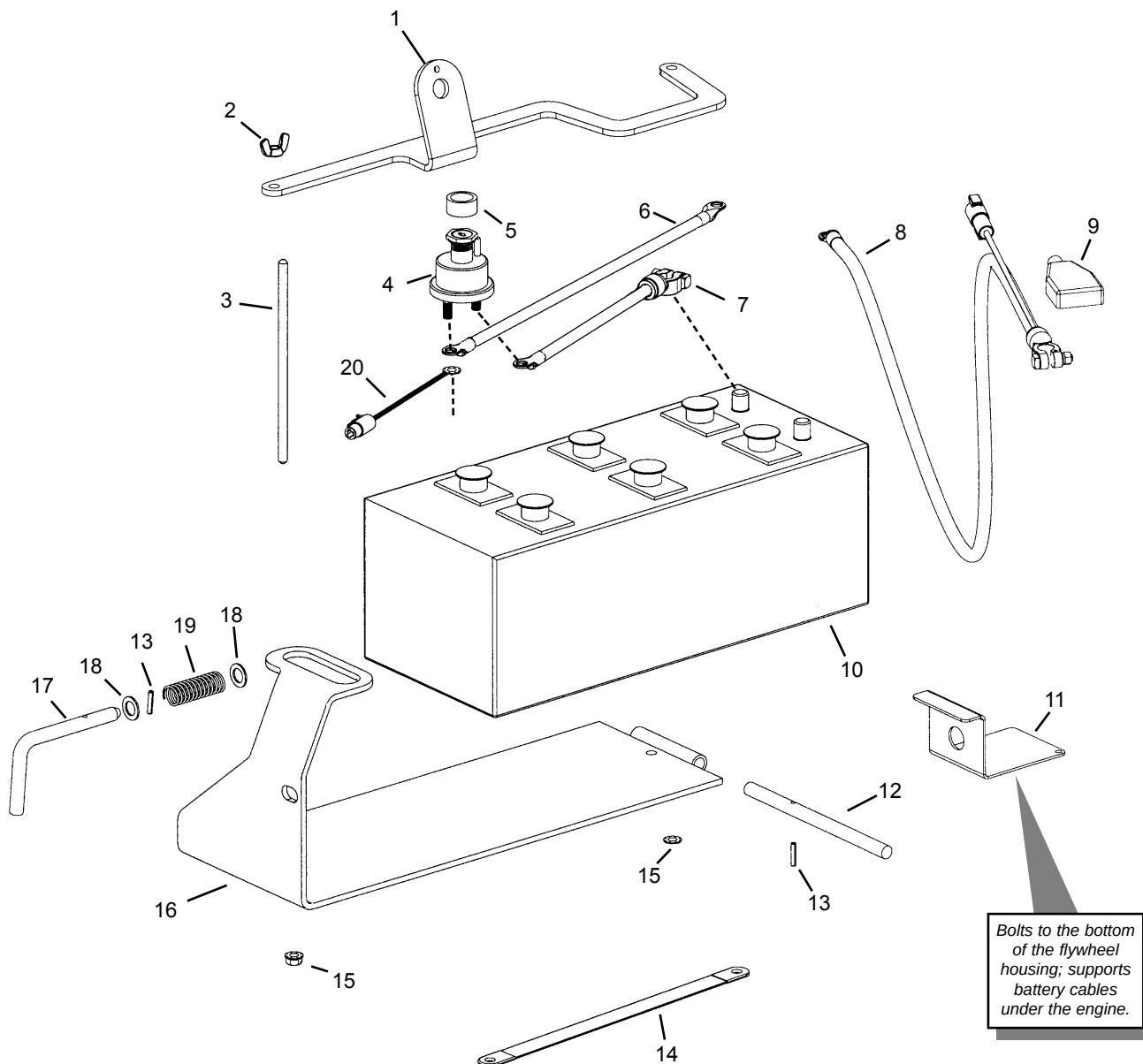
Hood - Engine and Transmission

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70239	TRANSMISSION COVER	1	12	L69468	RUBBER BUMPER	2
02	L70198	LATCH - TRANSMISSION COVER. .	1	13	101422	HANDLE-PADDLE, W/KEY	1
	L99157	KEY ONLY (CH751) <i>(sold in pairs)</i> .	1		L99157	KEY ONLY (CH751) <i>(sold in pairs)</i> . .	1
03	L69465	HINGE	7	14	101421	LATCH	1
04	L70045	HORN	1	15	101397	STRIKER MOUNT	1
05	105768	END PANEL, FRONT	1	16	101436	STRIKER-HOOD	1
	L50056	5/16" WHIZ LOCK NUT	3	17	650490	3/8" x 1" BOLT	2
	650573	5/16" x 1" CARRIAGE BOLT	3	18	067847	3/8" NYLON INSERT NUT	2
06	101489	ENGINE COVER HOOD	1	19	654049	3/8" FLAT WASHER	4
07	102002	END PANEL, REAR	1	20	L580009	BALL JOINT, #10-32 ROD END . . .	2
	L50056	5/16" WHIZ LOCK NUT	3	21	650648	NUT, #10-32 HEX	2
	650573	5/16" x 1" CARRIAGE BOLT	3	22	101453	ROD-LINKAGE	1
08	105648	BAFFLE, REAR	1	23	650835	1/4" x 1" BOLT	4
09	105258	ENGINE COVER MOUNT	1	24	654022	1/4" LOCK WASHER	4
10	L69473	GAS SPRING	3				
	L69488	STUD, BALL	AR				
11	L50056	5/16"-18 FLARE NUT	AR				

Chassis

Battery Group

Mustang Telehandler



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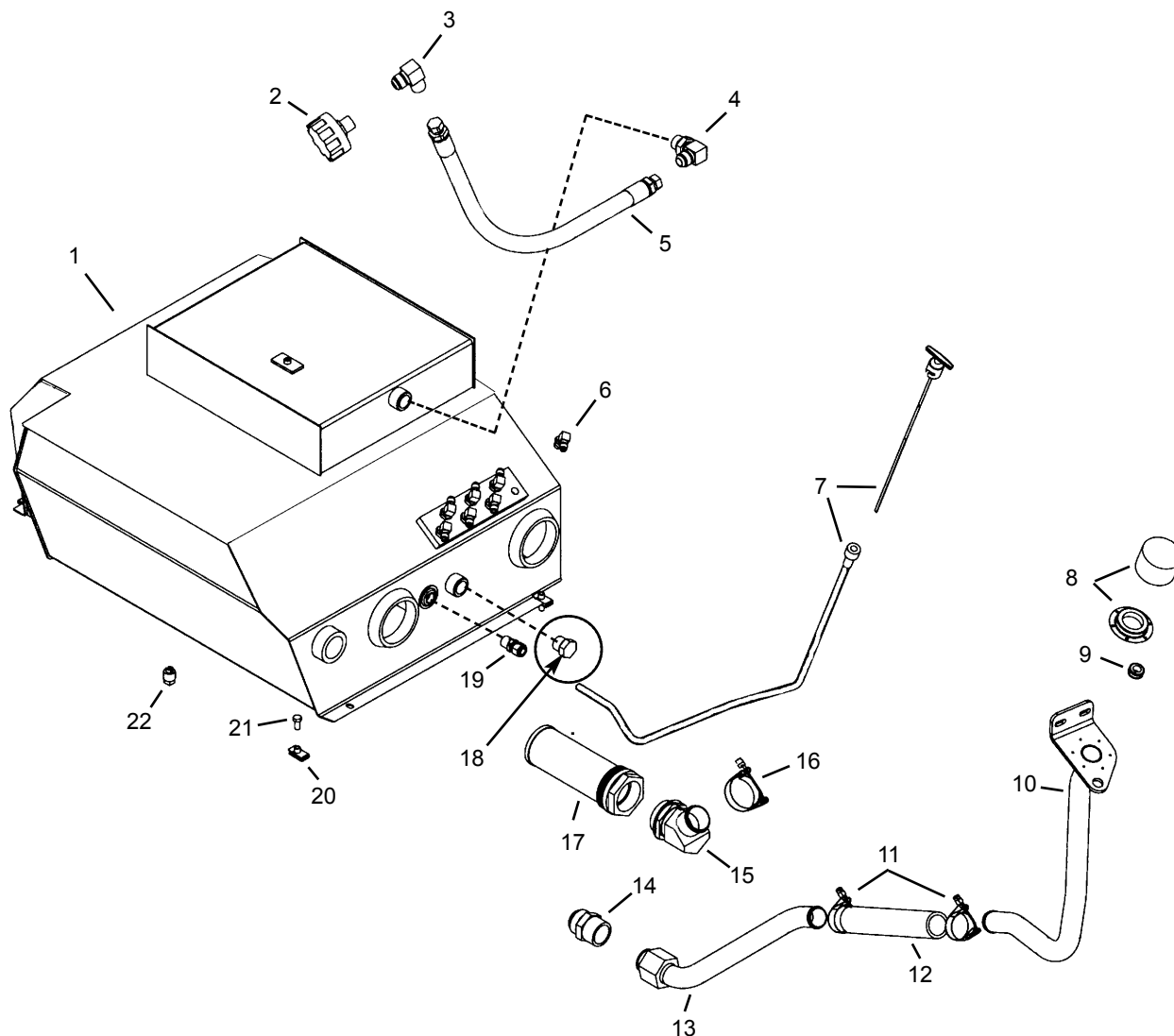
Chassis Battery Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	210242	BATTERY HOLD DOWN.....	1	12	L69624	TRAY HINGE (<i>pin</i>).....	1
02	653098	3/8"-16 WING NUT	2	13	L50628	ROLL PIN 0.19"x1"	2
03	L70146	HOLD DOWN ROD	2	14	L630004	GROUND STRAP 14GA. 14"	1
04	L71258	MASTER DISCONNECT SWITCH .	1	15	090666	3/8"-16 FLARE NUT	AR
	L500312	KEY	1	16	101364	BATTERY TRAY WELD.	1
05	L500311	SPACER	1	17	L69625	BATTERY LEVER ROD.....	1
06	105841	NEG. BATTERY CABLE, 52".....	1	18	L50174	5/8" FLAT WASHER	2
07	L70178	NEG. BATTERY CABLE, 12".....	1	19	L69627	SPRING, BATTERY LEVER	1
08	105842	POS. BATTERY CABLE, 34".....	1	20	210649	GROUND WIRE, ECU.....	1
	101960	POWER PLUG (<i>female end</i>).....	1			-- ITEMS NOT SHOWN --	
	101963	#8 DEUTCH PIN	1	00	L51042	VINYL CLAMP.....	2
09	L630003	RUBBER BOOT	1			(<i>secure battery cable</i>)	
10	NSS	BATTERY 12 V BCI NO. 4DLT	1				
11	210200	BRACKET, CABLE SUPPORT	1				

Chassis

Hydraulic Tank Group (Part 1 of 2)

Mustang Telehandler



744 / 944 / 1155**Chassis****Hydraulic Tank Group (Part 1 of 2)**

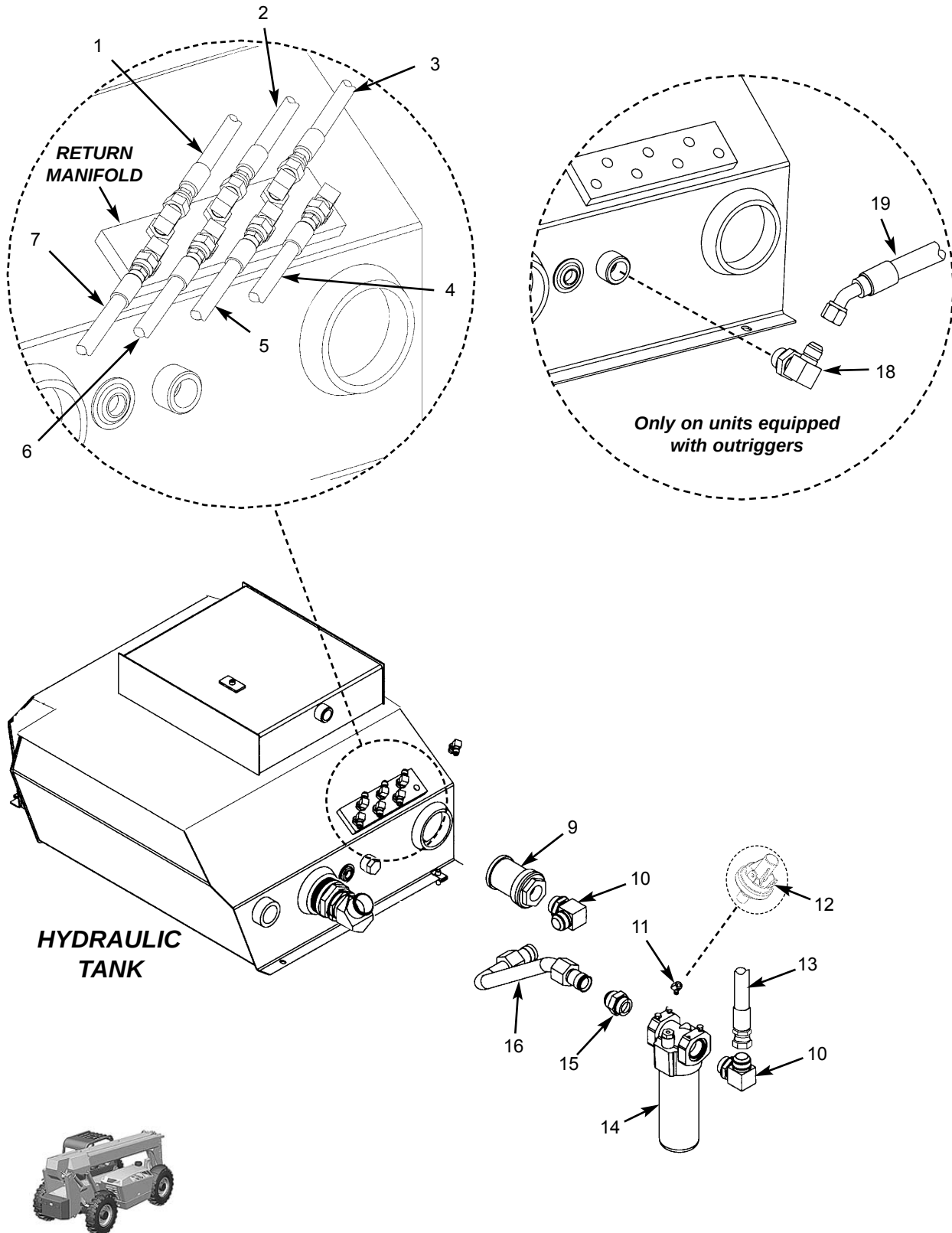
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70377	HYDRAULIC TANK WELDMENT ..	1	13	L69636	HYDRAULIC PIPE.....	1
02	L70388	TANK BREATHER.....	1	14	L441010	ADAP., -24NPTM -24JICM STR ...	1
03	054856	ADAP., -12JICM -12NPTM 90°	1	15	L446001	ADAP., -32ORM -32HBARB 45° ...	1
04	055005	ADAP., -12ORM -12JICM 90°	1	16	L70465	2-1/2" T-BOLT BAND CLAMP	1
05	L70390	HOSE, -10 -12JFX - 12JFX 31" ...	1	17	L69358	SUCTION STRAINER	1
06	068938	ADAP., -6ORM -6JICM 90°	7	18 ^a	131522	PLUG -12ORM	1
07	L71413	DIPSTICK, HYDRAULIC OIL	1	19	L70338	SWAGELOK CONNECTOR	1
08	L69578	FILLER CAP ASSEMBLY	1	20	L65211	3/8"-16 CLIP RETAINING NUT	4
	L500227	GASKET	1	21	650488	3/8"-16 x 3/4" BOLT.....	4
09	L63546	DIPSTICK HOUSING GROMMET ..	1	22	L43221	1/2"-14 MAGNETIC PLUG	1
10	L70207	HYD. OIL FILL TUBE, WELDMENT	1				
11	L70234	2" T-BOLT BAND CLAMP	2				
12	L70266	HOSE, -24 x 31"	1				

a Use PN 072615 -12ORM -10JICM 90° elbow adapter when equipped with outriggers.

Chassis

Mustang Telehandler

Hydraulic Tank Group (Part 2 of 2)



744 / 944 / 1155**Chassis*****Hydraulic Tank Group (Part 2 of 2)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69933	HOSE, -6 A6/A8 60"	1	14 ^{ac}	L69309	RETURN FILTER KIT	1
02	L69927	HOSE, -4 A6/A6 81"	1		L99459	HYD. FILTER CARTRIDGE	1
03	L69928	HOSE, -4 A6/A6 25"	1		L500352	O-RING	1
04	L69920	HOSE, -4 A6/A6 40"	1	15	079038	ADAP., -20ORM -20JICM STR	1
05	L69907	HOSE, -4 A6/DS6 84"	1	16	101439	TUBE, FILTER TO TANK.	1
06	L69922	HOSE, -6 A6/A6 50"	1	18 ^b	072615	ADAP., -12ORM -10JICM 90°	1
07	L69928	HOSE, -4 A6/A6 25"	1	19 ^b	L70692	HOSE, -12 A12/NS10 51"	1
09	L70378	TANK DIFFUSER	1				
10	127349	ADAP., -20ORM -20JICM 90°	2	a	<i>Return filter includes housing (L99459), filter cartridge (L500352), o-ring, and switch (L99970).</i>		
11	L448002	ADAP 1/8NPTM 1/8NPTF 45°	1				
12	L99970	RESTRICTION SWITCH	1	b	<i>Used on units equipped with outriggers.</i>		
		(included with item 14)					
13	105846	HOSE, -16 A16/A20 30"	1	c	<i>Kit consists of the housing, filter cartridge, o-ring, and item #12 restriction switch.</i>		

Hose Locator

Ref No.	From Port	To Port
01	STEER MOTOR "T" (IN CAB)	HYDRAULIC TANK RETURN MANIFOLD
02	BRAKE VALVE "T" (IN CAB)	HYDRAULIC TANK RETURN MANIFOLD
03	JOYSTICK "T" (IN CAB)	HYDRAULIC TANK RETURN MANIFOLD
04	FLOW DIVIDER "T" (ON HYD. PUMP)	HYDRAULIC TANK RETURN MANIFOLD
05	BULKHEAD TEE (ABOVE VALVE)	HYDRAULIC TANK RETURN MANIFOLD
06	LEVEL VALVE "T"	HYDRAULIC TANK RETURN MANIFOLD
07	SAHR "T"	HYDRAULIC TANK RETURN MANIFOLD
13	COLD-START VALVE (FRONT/LOWER PORT)	HYDRAULIC RETURN FILTER
19*	HYDRAULIC TANK	V20 VALVE "OUT"

* Used only on units equipped with outriggers.



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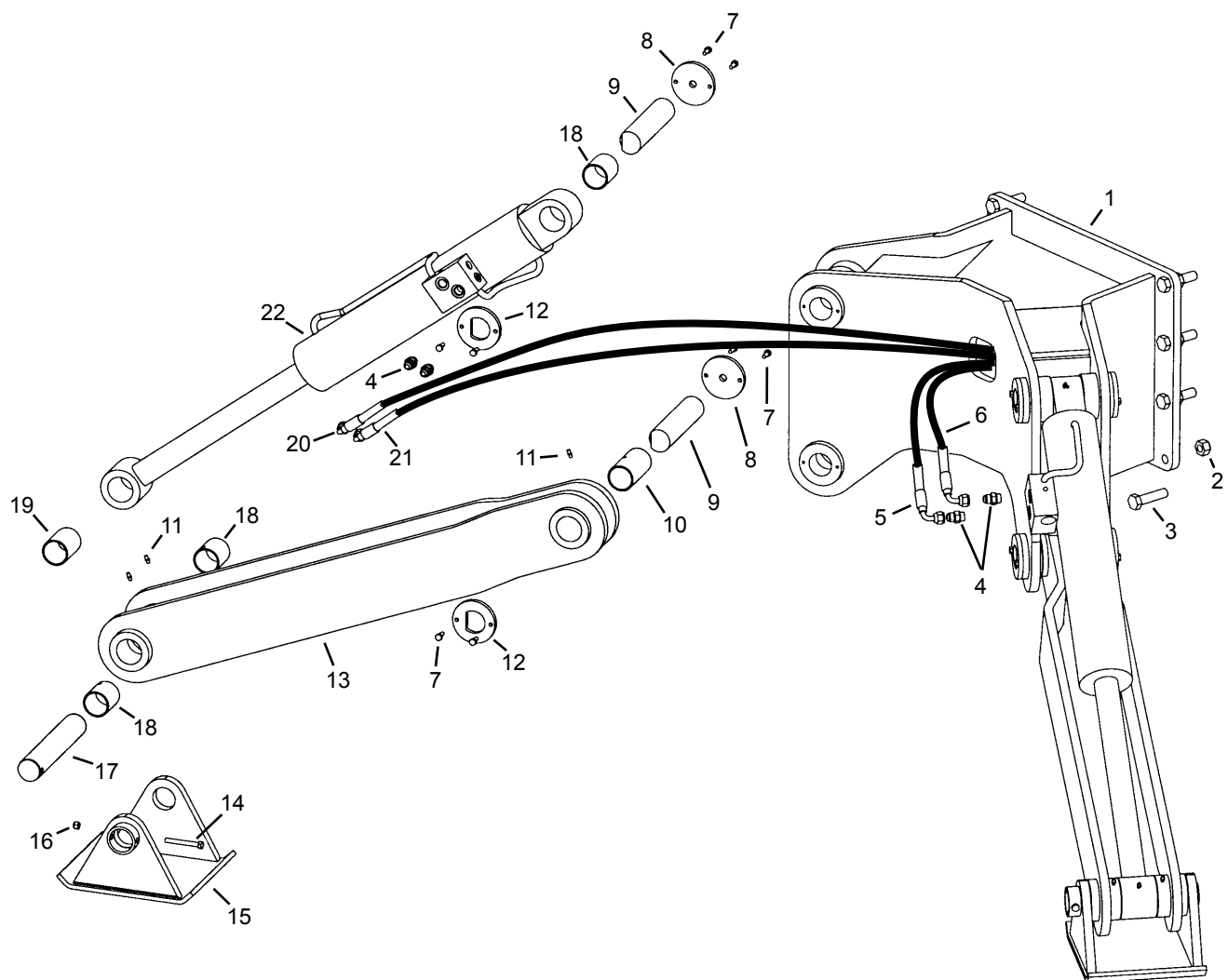
Chassis

Fuel Tank Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69360	FUEL TANK	1	11	104114	HOSE-4 A6 100" FUEL LINE	1
02	L441010	ADAP., -24NPTM -24JICM STR . . .	1	12	230-24749	ADAP., -8ORM -6JICM STR	2
03	L69740	FUEL FILL TUBE	1	13	L43221	1/2-14 MAGNETIC PLUG	1
04	L69578	FILLER CAP ASSEMBLY	1	14	L70455	HOSE, -6 A6/A5 56" FUEL LINE . . .	1
05	L500227	GASKET	1	15	L72175	PLUG, 1/2" NPT	1
06	L69739	FILLER CAP ADAP. (<i>early style</i>) . . .	1	16	650488	3/8"-16 x 3/4" BOLT	4
	210114	FILLER CAP ADAP. (<i>large nozzle</i>) .	1	17	L65211	3/8"-16 CLIP RETAINING NUT	4
	210637	#10-24x1-1/2" SCREW	6	18	L79117	BREATHER VALVE ASSEMBLY . . .	1
	084175	HLN INST #10-24 CZY	6	19	075235	ADAP., -12JICFS -12JICM 90° . . .	1
07	L69741	FUEL FILL MOUNT (<i>early style</i>) . . .	1	20	L70389	BREATHER HOSE	1
	210116	FUEL FILL MOUNT (<i>large nozzle</i>) .	1	21	054856	ADAP., -12JICM -12NPTM 90° . . .	1
08	090666	3/8"-16 FLARE NUT	1	22	L70388	TANK BREATHER	1
09	650533	3/8"-16 x 1-1/2" BOLT	1	23	105625	SENDER, FUEL 11" DEPTH	1
10	L69782	1-7/8"-12 JAM NUT	1				

Chassis Outriggers

Mustang Telehandler



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Chassis Outriggers

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70605	OUTRIGGER FRAME WLDMNT . . .	1	12	L69725	LOCK PIN CAP	4
02	L50084	3/4"-10 STOVER LOCK NUT	8	13	L70615	OUTRIGGER LEG WELDMENT . . .	2
03	L50385	3/4"-10 x 3" GR8 BOLT	8	14	650818	3/8"-16 x 3" BOLT	2
04	054626	ADAP., -8ORM -8JICM STR	4	15	L64914	OUTRIGGER LEG PAD WLDMNT .	2
05	L70695	HOSE, -6 DS8/A8 68"	1	16	L520005	3/8"-16 NYLON INSERT NUT	2
06	L70691	HOSE, -6 DS8/A8 70"	1	17	L64963	LEG AND CYLINDER PIN	2
07	650486	5/16"-18 x 3/4" BOLT	16	18	L69138	BRONZE BUSHING	6
08	L69724	PIVOT PIN CAP	4	19	L70618	BRONZE BUSHING (CYLINDER) . .	2
09	L70621	PIVOT PIN LEG/CYLINDER	4	20	L70695	HOSE, -6 DS8/A8 68"	1
10	L70614	BRONZE BUSHING	2	21	L70691	HOSE, -6 DS8/A8 70"	1
11	L10465	ZERK 1/4"-28 STR	8	22	L70616	OUTRIGGER CYLINDER	2

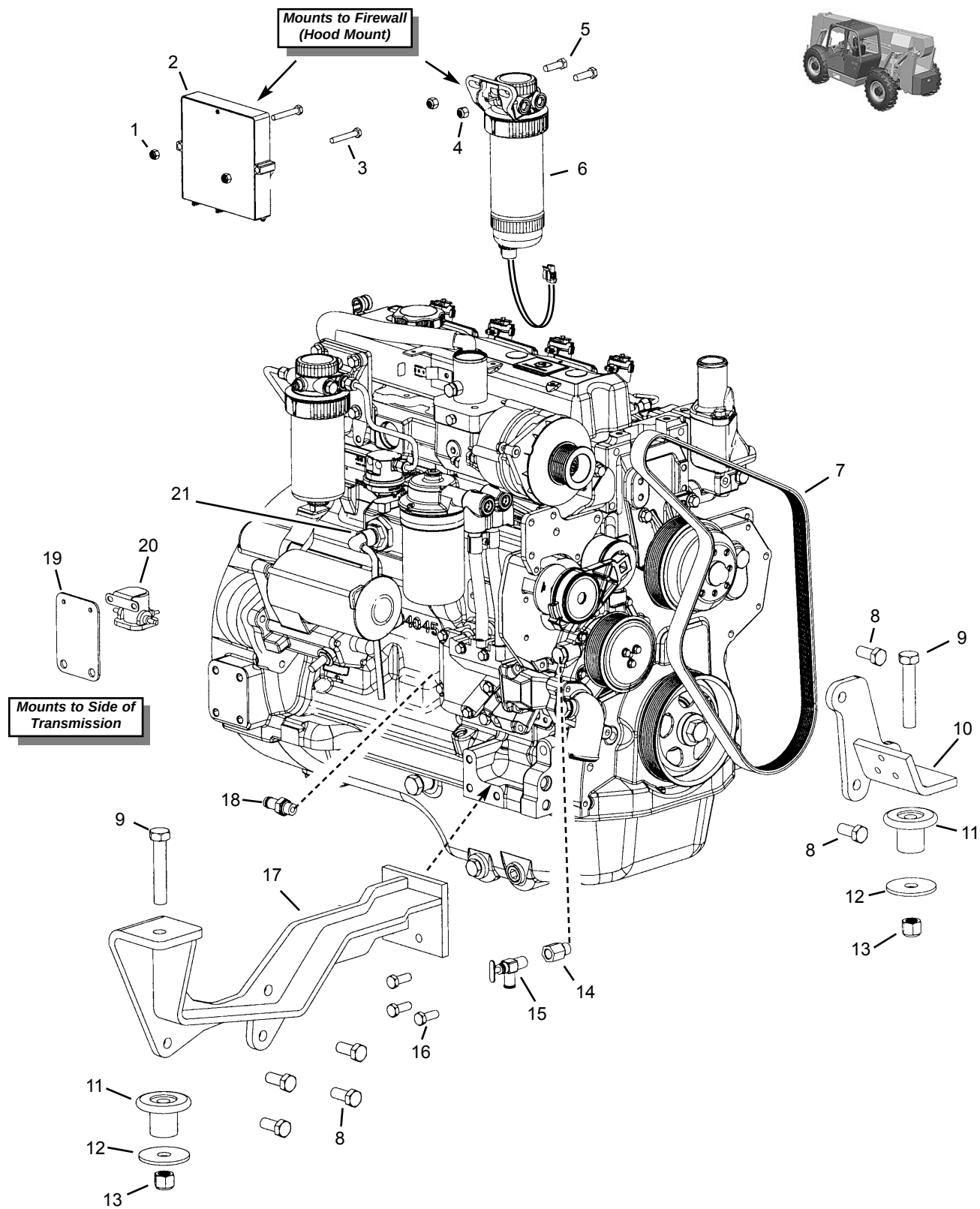
Hose Locator

Ref No.	From Port	To Port
05	LEFT CYLINDER LOWER PORT	OUTRIGGER PILOT MANIFOLD PORT "4"
06	LEFT CYLINDER UPPER PORT	OUTRIGGER PILOT MANIFOLD PORT "3"
20	RIGHT CYLINDER UPPER PORT	OUTRIGGER PILOT MANIFOLD PORT "2"
21	RIGHT CYLINDER LOWER PORT	OUTRIGGER PILOT MANIFOLD PORT "1"

Engine

External Components

Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L520005	5/16" NYLON INSRT LOCKNUT...	2	18	L447005	ADAP., M18 10 BEAD STR.....	1
02 ^a	NSS	ECU	1	19	L70233	RELAY MOUNT BRACKET.	1
03	650568	5/16"x2" BOLT	2		L50706	M12 1.75 x 20MM BOLT	2
04	L520004	3/8" NYLON INSERT LOCKNUT...	2	20	L41179	STARTER RELAY	1
05	650491	3/8"x1-1/4" BOLT	2		L50051	1/4"-20 FLANGE NUT	2
06 ^b	NSS	PRIMARY FUEL FILTER ASSY. ...	1		650542	1/4-20 x 1/2" BOLT	2
		(refer to filter section)		21	L65570	ENGINE BLOCK HEATER	1
	104340	ADAP., -5JICM -2MP	1				
07		FAN BELT	1				
	105850	(without air conditioning)		22 ^c	NSS	ETHER CYLINDER (8 oz.)	1
	105821	(with air conditioning)		23 ^d	L570022	VINYL CLAMP, 1/2"	AR
08	L50305	M16 2 x 35 MM BOLT	6	24 ^d	650663	1/4" x 5/8" BOLTS	4
09	L50562	3/4"-10 x 4" GR8 BOLT	2	25 ^d	L50051	1/4" FLANGE NUT	4
10	100751	ENGINE, MOUNT (right)	1	26 ^d	105843	MOUNT BRACKET, ETHER KIT... 1	
11	L69240	ISO MOUNT	2	27 ^d	NSS	ADAP., 90°	1
12	L69241	TAIL WASHER ASSY	2	28	820435	ETHER KIT (option)	1
13	L50519	3/4"-10 NYLON INSERT NUT	2				
14	L69718	ADAP., M18 -6NPTF STR	1				
15	L99966	SHUT-OFF, WATER	1				
16	L50705	M12 1.75 x 30 MM BOLT	3				
17	L69807	ENGINE/TRANS. MOUNT	1				

(Ether Kit - Option)**--- ITEMS NOT SHOWN---****(Wire Harness)**

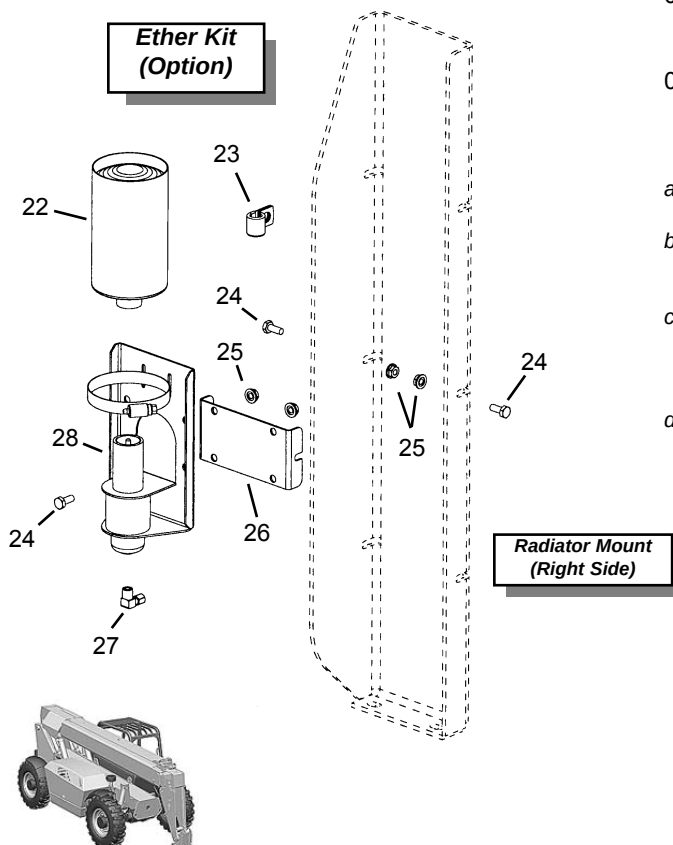
00	105571	ECU INTERFACE HARNESS	1
00	101250	ENGINE HARNESS	1
00	105692	THROTTLE AND INSTRUMENTS . 1	

(Fuel Lines)

00	L70455	HOSE, -6 A6/A5 56"	1
00	104114	HOSE, -4 A6/NONE 100"	1
00	095955	CLAMP, HOSE SAE #10	1

(Fuel Transfer Pump)

00	210047	ADAPTER, -6MFS -6FFSS	1
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a Not sold separately; must be purchased from John Deere.

b Not sold separately; refer to "Filter" section at the beginning of this manual for individual parts.

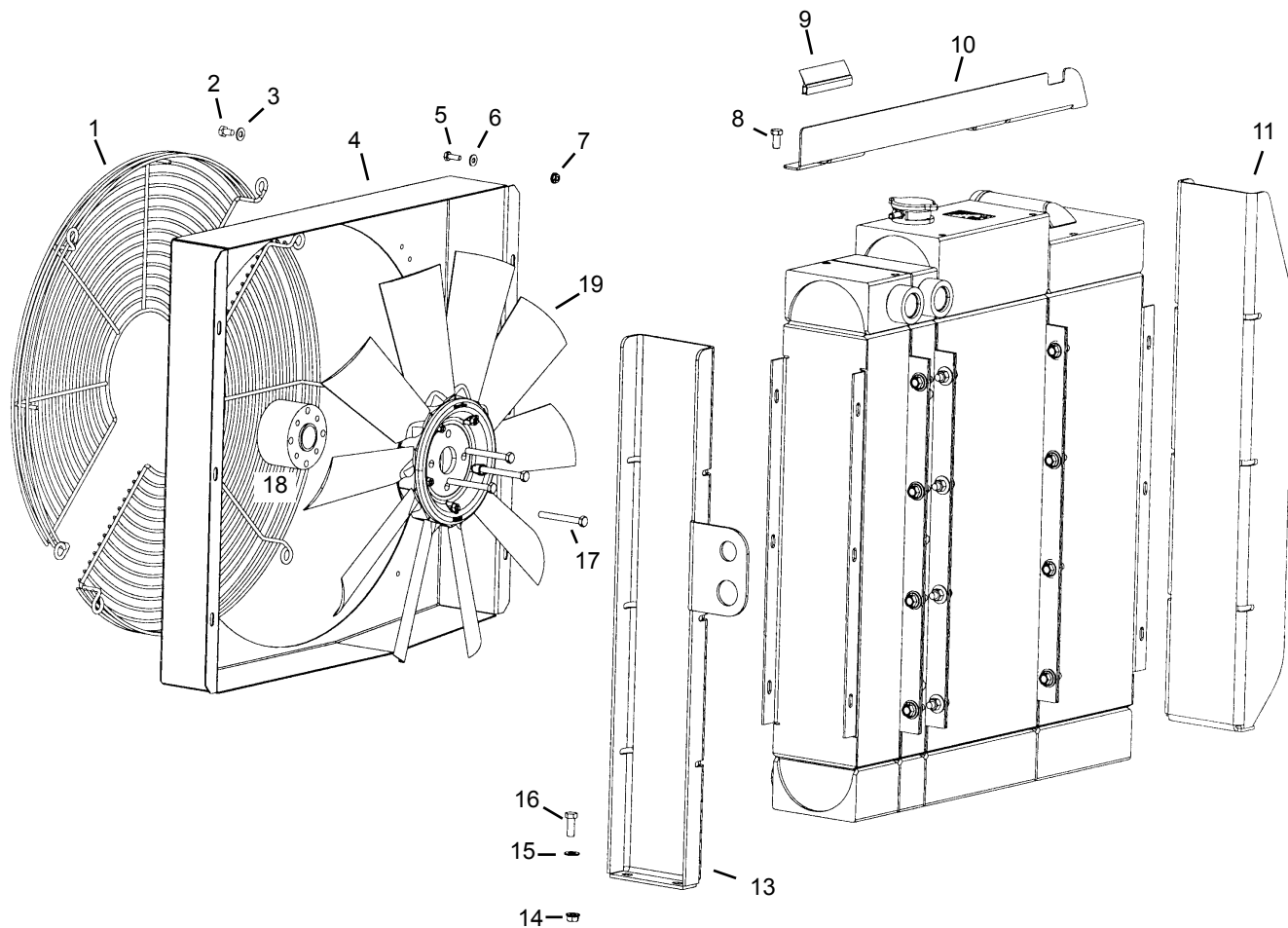
c Obtain locally; it is recommended to use the 8 ounce (half-size) ether cylinder for sufficient clearance when hood is closed.

d Included with item #28 Ether Kit (option).

Engine

Mustang Telehandler

Radiator and Cooler Group (Part 1 of 3)



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Engine

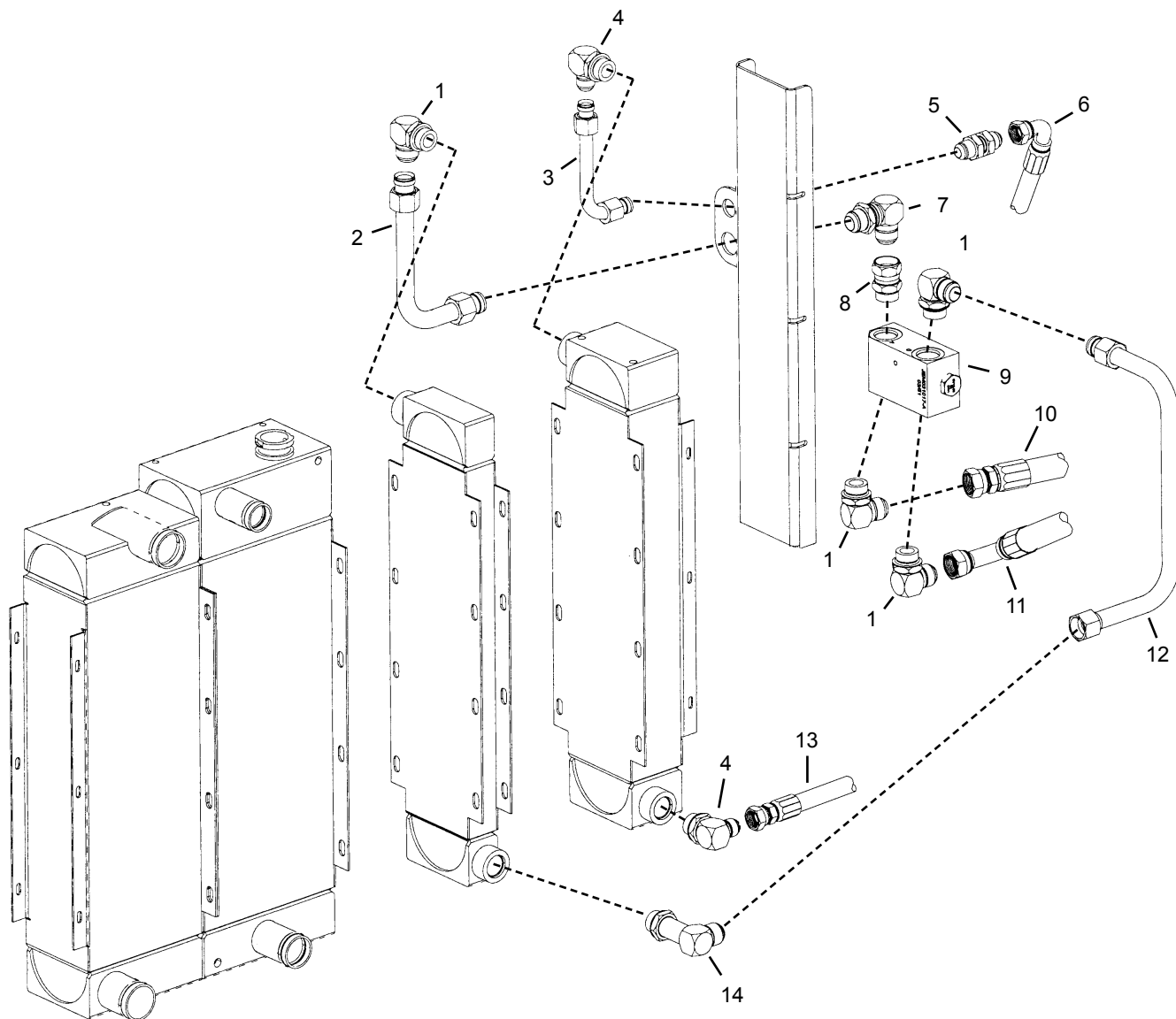
Radiator and Cooler Group (Part 1 of 3)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104455	FAN GUARD (<i>half</i>)	2	18	L70521	FAN SPACER (2")	1
02	650484	5/16"X1/2" BOLT	6	19	104454	FAN, SUCTION (22")	1
03	650810	5/16" FLAT WASHER	6				
04	105844	FAN SHROUD	1			-- ITEMS NOT SHOWN --	
05	650487	5/16" x 1" BOLT	10			(<i>Radiator Overflow</i>)	
06	650810	5/16" FLAT WASHER	10	00	102262	OVERFLOW HOSE (42")	1
07	L50056	5/16" WHIZ LOCK NUT	10	00	420-19671	CLAMP, VINYL 3/8"	1
08	650488	3/8" x 3/4" BOLT	2				
09	210004	TRIM, SEAL (4.5')	1			(<i>Ether Equipped - Option</i>)	
10	105827	BAFFLE, COOLER TOP	1	00	L70629	ETHER KIT	1
11	105826	SUPPORT, COOLER (<i>right</i>)	1	00	L70625	ETHER WIRE HARNESS	1
13	105825	SUPPORT, COOLER (<i>left</i>)	1	00	105843	ETHER MOUNT BRACKET	1
	210005	TRIM, SIDE BULB (2')	1				
14	090666	3/8" WHIZ LOCK NUT	4				
15	654049	3/8" FLAT WASHER	4				
16	650490	3/8" x 1" BOLT	4				
17	656117	M8 x 70mm BOLT	4				

Engine

Mustang Telehandler

Radiator and Cooler Group (Part 2 of 3)

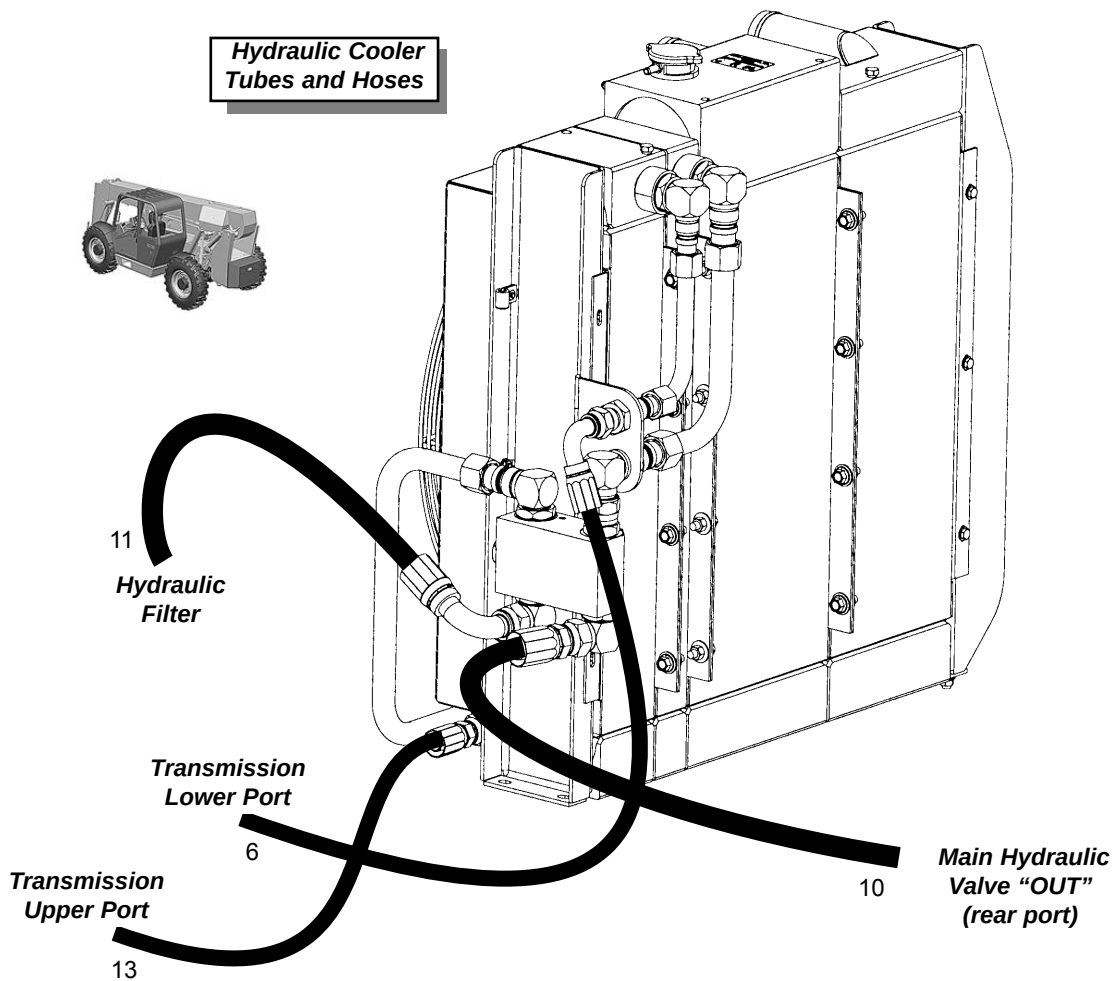


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Engine

Radiator and Cooler Group (Part 2 of 3)

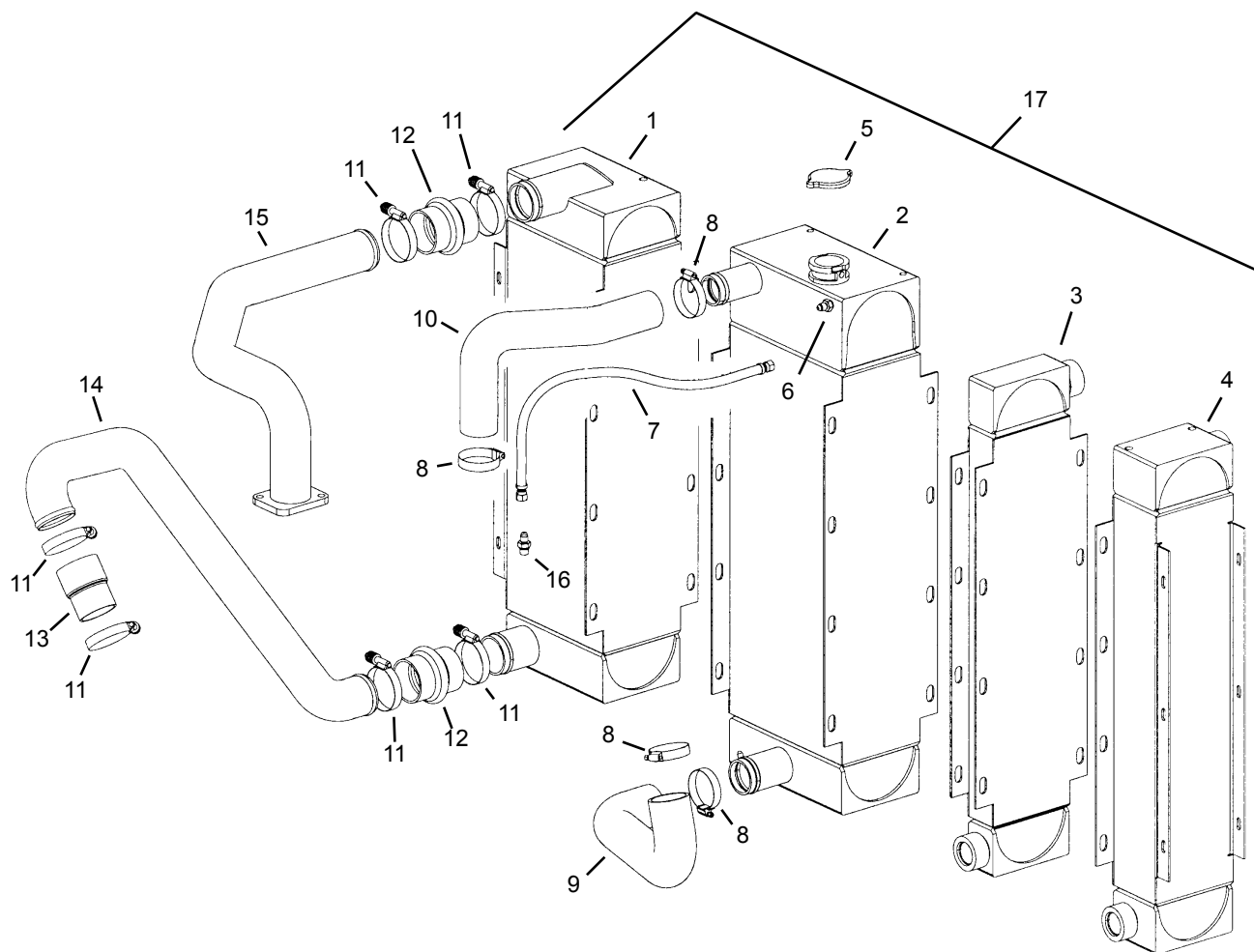
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	077965	ADAP., -16ORM -16JICM 90°	4	10	105167	HOSE, -16 A16/DS16 78"	1
02	105823	TUBE, UPPER HYDRAULIC	1			(to main hydraulic valve)	
03	105822	TUBE, UPPER TRANS.	1	11	105846	HOSE, -16 A16/A20 30"	1
04	121684	ADAP., -16ORM -12JICM 90°	2			(to hydraulic filter)	
05	133098	ADAP., -12 JICM BULKHEAD	1	12	105824	TUBE, LOWER HYDRAULIC	1
06	105849	HOSE, -12 A12/DS12 42"	1	13	105848	HOSE, -12 A12/A12 30"	1
		(to transmission lower port)				(to transmission upper port)	
07	L62943	ADAP., -16JICM BULKHEAD 90°	1	14	080434	ADAP., -16ORM -16JICM LNG 90°	1
08	105080	ADAP., -16 ORM -16JICM	1				
09	210615	COLD START VALVE	1				



Engine

Mustang Telehandler

Radiator and Cooler Group (Part 3 of 3)



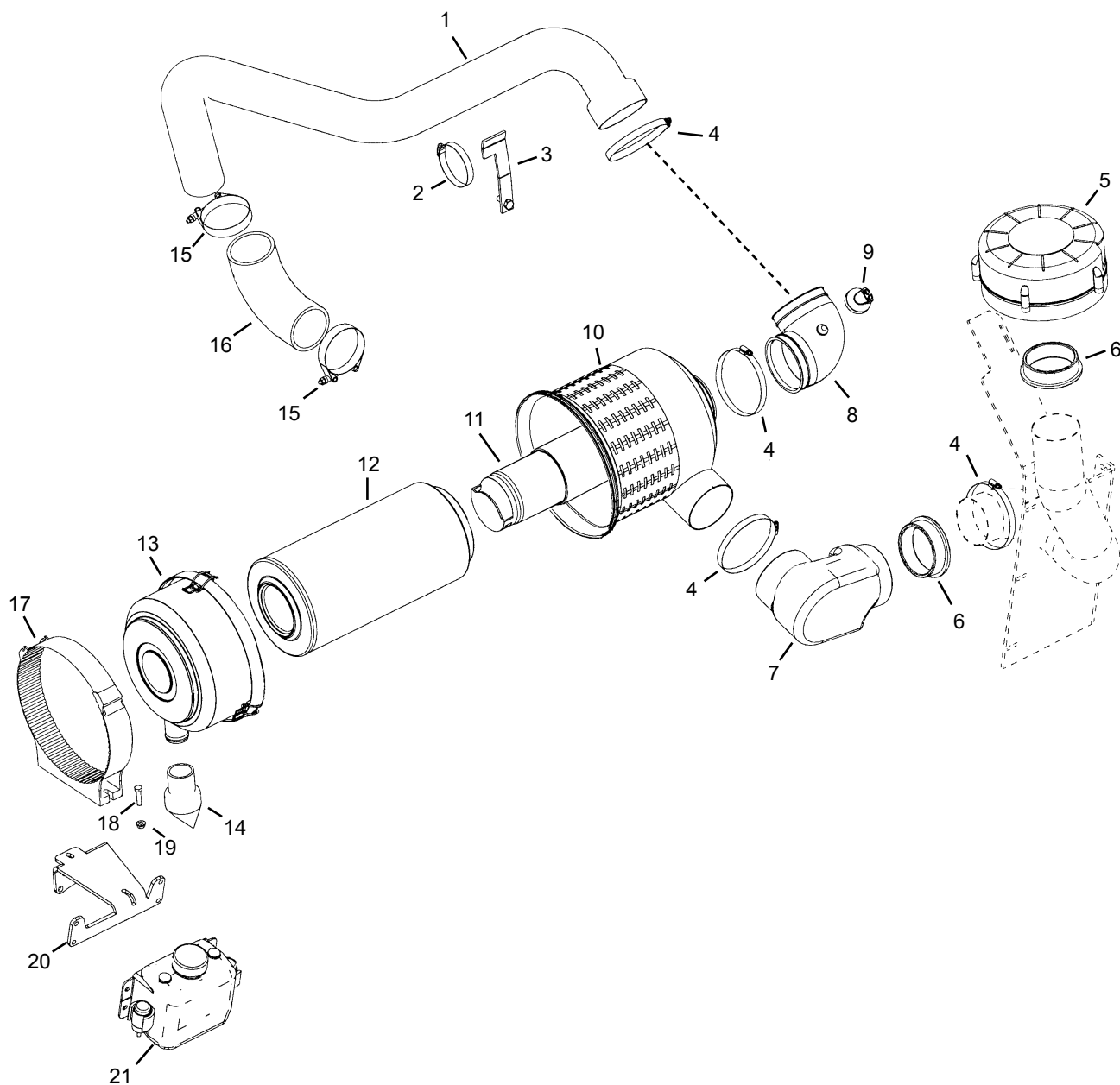
744 / 944 / 1155**Engine****Radiator and Cooler Group (Part 3 of 3)**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105852	CHARGE AIR COOLER (section) . .	1	11	105175	CLAMP, HOSE TENSION #32	6
02	105853	RADIATOR (section)	1	12	104452	HOSE, SILICONE 2.25"	2
03	211008	HYDRAULIC OIL COOLER (sect.) .	1	13	104885	HOSE, 2" ID x 2-1/4" ID	1
04	105855	TRANSMISSION COOLER (sect.) .	1	14	105765	TUBE, LOWER CHARGE AIR	1
05	102063	RADIATOR CAP, 10 p.s.i.	1	15	105194	TUBE, UPPER CHARGE AIR	1
06 ^a	NSS	FITTING (radiator)	1		105970	GASKET (not shown)	1
07 ^a	NSS	HOSE	1	16 ^a	NSS	FITTING (engine)	1
08	L76020	CLAMP, HOSE SAE #32	4	17	211007	RADIATOR/COOLERS	1
09	105763	HOSE, LOWER RADIATOR	1			(includes items 1-5)	
10	105762	HOSE, UPPER RADIATOR	1		102063	RADIATOR CAP (included with 2) . .	1

^a No longer used; remove hose and replace with the following two plugs: 210241 M12 o-ring plug (engine) and L72019 1/4" NPT plug (radiator).

Engine Air Cleaner Group

Mustang Telehandler



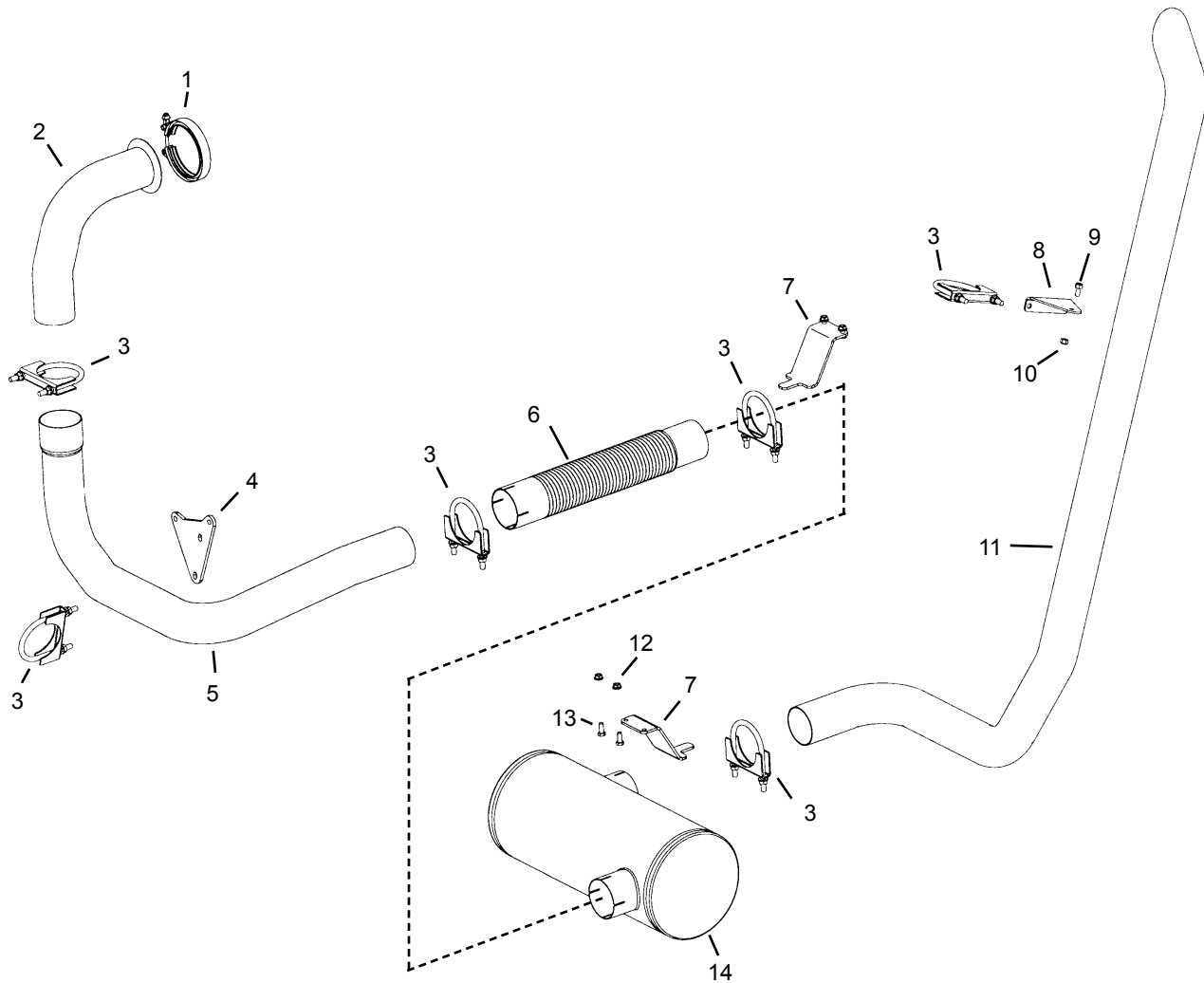
744 / 944 / 1155

Engine Air Cleaner Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105055	AIR INLET PIPE	1	12	105070	AIR FILTER, PRIMARY	1
02	L51099	HOSE CLAMP, #52	1	13	NSS	END CAP <i>(included with item 10)</i> . .	1
03	105231	BRACKET, INTAKE PIPE	1	14	137659	EJECTOR <i>(included with item 10)</i> . .	1
	L50952	M10 x 25mm BOLT	1	15	L70467	T-BOLT BAND CLAMP 3-1/2"	2
04	L51781	HOSE CLAMP, #72	4	16	L120041	ELBOW, 3" 90°	1
05	101926	PRECLEANER	1	17	105059	BAND, AIR CLEANER MOUNT . . .	1
06	140776	SLEEVE REDUCER (4" x 3-1/2") . .	2	18	650645	5/16" x 1-1/4" BOLT	2
07	140775	INTAKE ADAPTER, 4"	1	19	L50056	5/16" WHIZ LOCK NUT	2
08	105065	ELBOW, 4" 90° <i>(w/tap)</i>	1	20	105840	MOUNT, AIR CLEANER	1
09	105215	INDICATOR, SERVICE	1	21	101495	WIPER WASHER RESV. <i>(optional)</i>	1
10	105054	AIR CLEANER	1				
		<i>(includes items #11-14)</i>					
11	105071	AIR FILTER, SECONDARY	1				

Engine Exhaust Group

Mustang Telehandler



744 / 944 / 1155

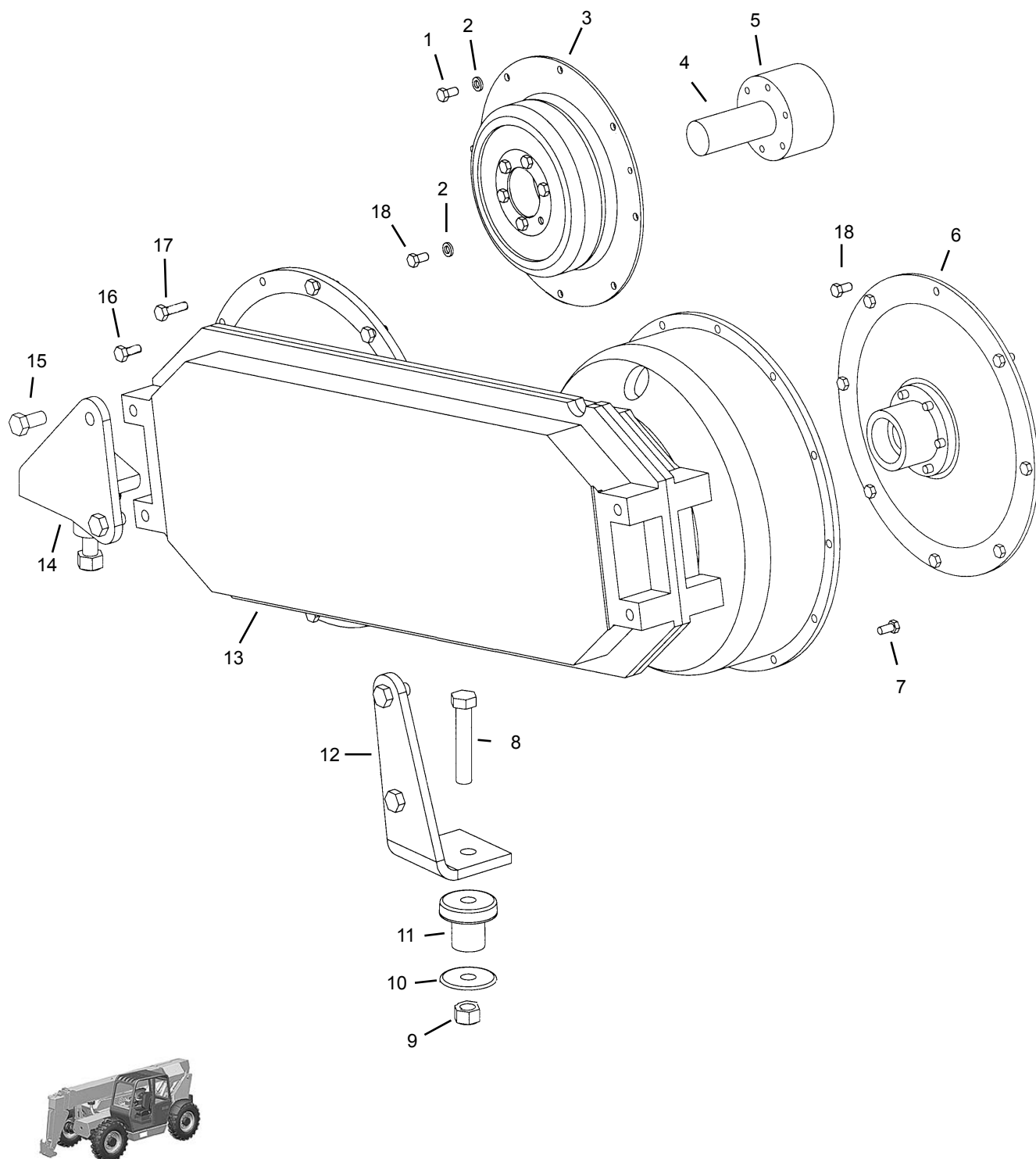
Engine
Exhaust Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99434	TURBO CLAMP.....	1	10	L50056	5/16"-18 FLANGE LOCK NUT	1
02	L69712	OUTLET EXHAUST PIPE.....	1	11	105100	TAILPIPE.....	1
03	L60492	3" MUFFLER CLAMP	6	12	L50056	5/16" WHIZ LOCK NUT.....	4
04	L69538	MUFFLER BRACKET	1	13	650486	5/16" x 3/4" BOLT	4
05	105106	PIPE, MUFFLER.....	1	14	105096	MUFFLER, EXHAUST.....	1
06	105211	TUBE, FLEX CONNECTOR 3"	1				
07	105140	BRACKET, MUFFLER.....	2				
08	105105	BRACKET, TAILPIPE.....	1				
09	650486	5/16" x 3/4" BOLT	1				
						-- ITEMS NOT SHOWN --	
				00	210034	CATALYTIC PURIFIER (<i>option</i>) ...	1
						(<i>used for reducing emissions</i>)	

Transfer Case

External Components

Mustang Telehandler

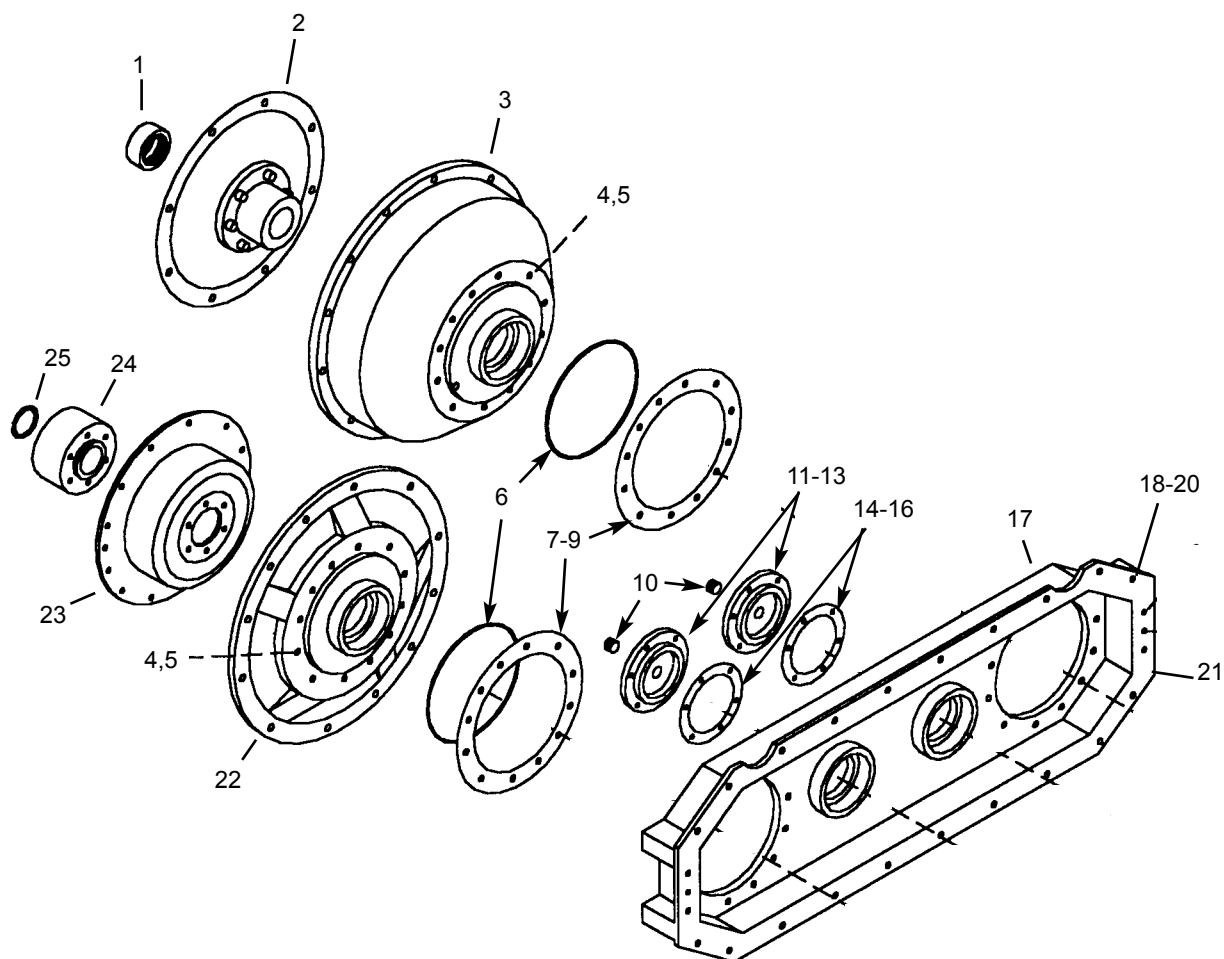


744 / 944 / 1155**Transfer Case**
External Components

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	650490	3/8-16 x 1" BOLT	8	10	L69241	TAIL WASHER.	2
02	L50820	3/8" HARDENED WASHER	14	11	L69240	CENTER BONDED MOUNT	2
03	L69400	FLEXIBLE COUPLING	1	12	L69324	CASE MOUNT BAR	1
04	L99825	SHAFT ADAPTER	1	13	L69123	TRANSFER CASE ASY.	1
05	L99799	HUB ADAPTER`	1	14	L69265	CASE MOUNT WELDMENT	1
06	L99800	DRIVEN PLATE ASY.	1	15	L50359	5/8"-11 x 1/1/4" BOLT	4
07	L50368	3/8-16 x 1-1/4" BOLT	12	16	L50952	M10 1.5 x 25 MM BOLT	8
08	L50562	3/4-10 x 4" BOLT	2	17	L50727	M10 1.5 x 35 MM BOLT	4
09	L50519	3/4"-10 NYLON INSERT NUT	2	18	651125	3/8"-24 x 3/4" BOLT	14

Transfer Case Assembly Group (Part 1 of 2)

Mustang Telehandler



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Transfer Case

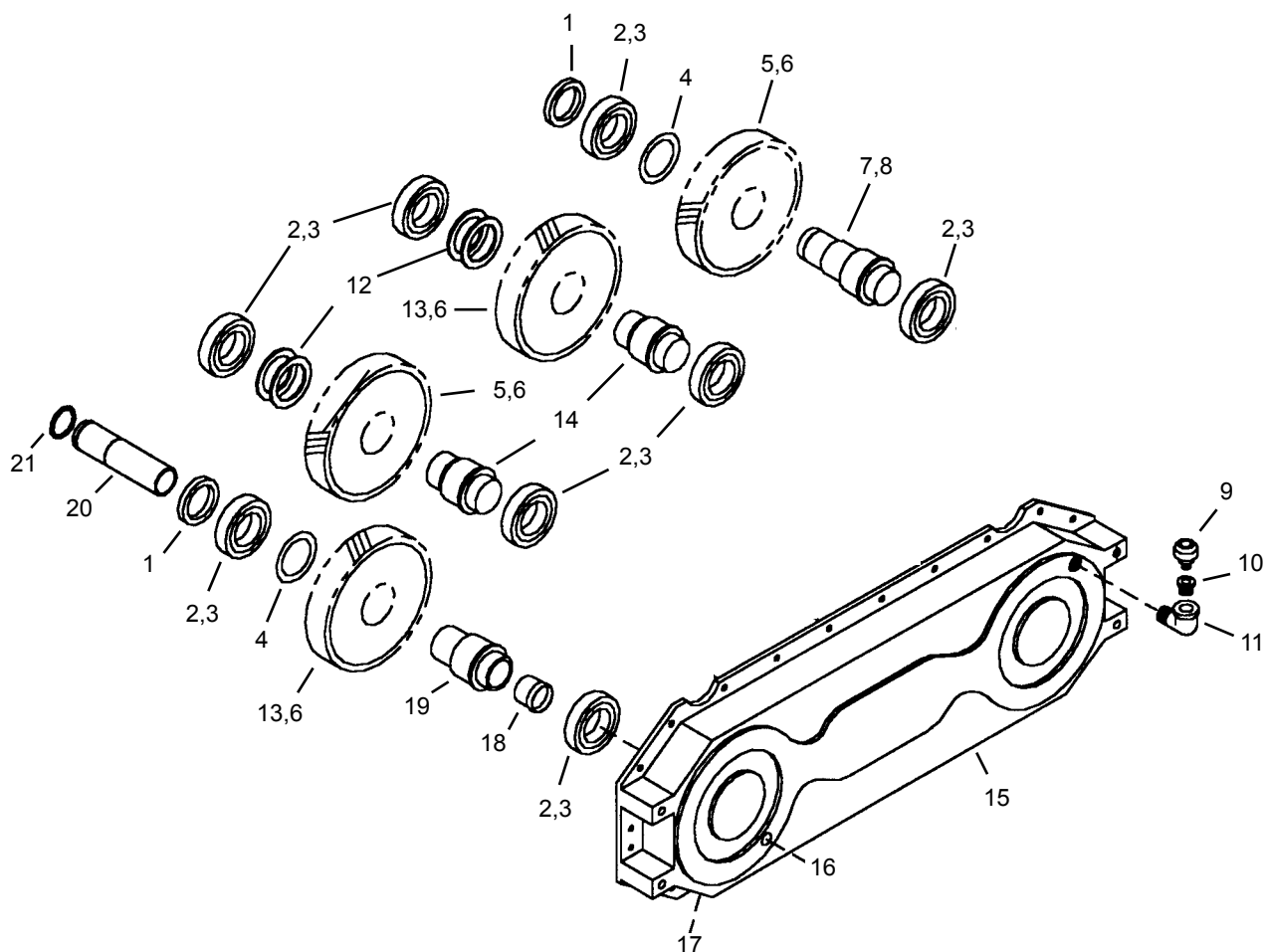
Assembly Group (Part 1 of 2)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99828	EXTERNAL RETAINING RING	1	13	654024	5/16" LOCK WASHER	12
	L99829	BUSHING	1	14	L99812	IDLERS SHIM 0.005"	8
02	L99800	DRIVEN PLATE ASY.	1	15	L99813	IDLERS SHIM 0.007"	8
03	L99797	TRANSMISSION ADAPTER	1	16	L99814	IDLERS SHIM 0.020"	2
04	L50592	1/2"-13 x 1-1/2" GR8 BOLT	12	17	NSS	HOUSING SUB-ASSEMBLY	1
05	654030	1/2" LOCK WASHER	12	18	L50368	3/8"-16 x 1-1/4" GR8 BOLT	14
06	L99818	O-RING	2	19	654006	3/8 FLAT WASHER	14
07	L99809	INPUT/OUTPUT SHIM 0.007"	8	20	090666	3/8"-16 GR8 NUT	14
08	L99810	INPUT/OUTPUT SHIM 0.020"	2	21	L99819	DOWEL PIN	2
09	L99811	INPUT/OUTPUT SHIM 0.005"	8	22	L99796	ADAPTER, SAE #3	1
10	L99823	1/2" NPT PLUG	3	23	L69400	FLEXIBLE COUPLING	1
11	L99798	END-INTERM. CAP.	2	24	L99799	HUB ADAPTER	1
12	650487	5/16"-18 x 1" BOLT	12	25	L67379	EXTERNAL RETAINER RING	2

Transfer Case

Assembly Group (Part 2 of 2)

Mustang Telehandler



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Transfer Case

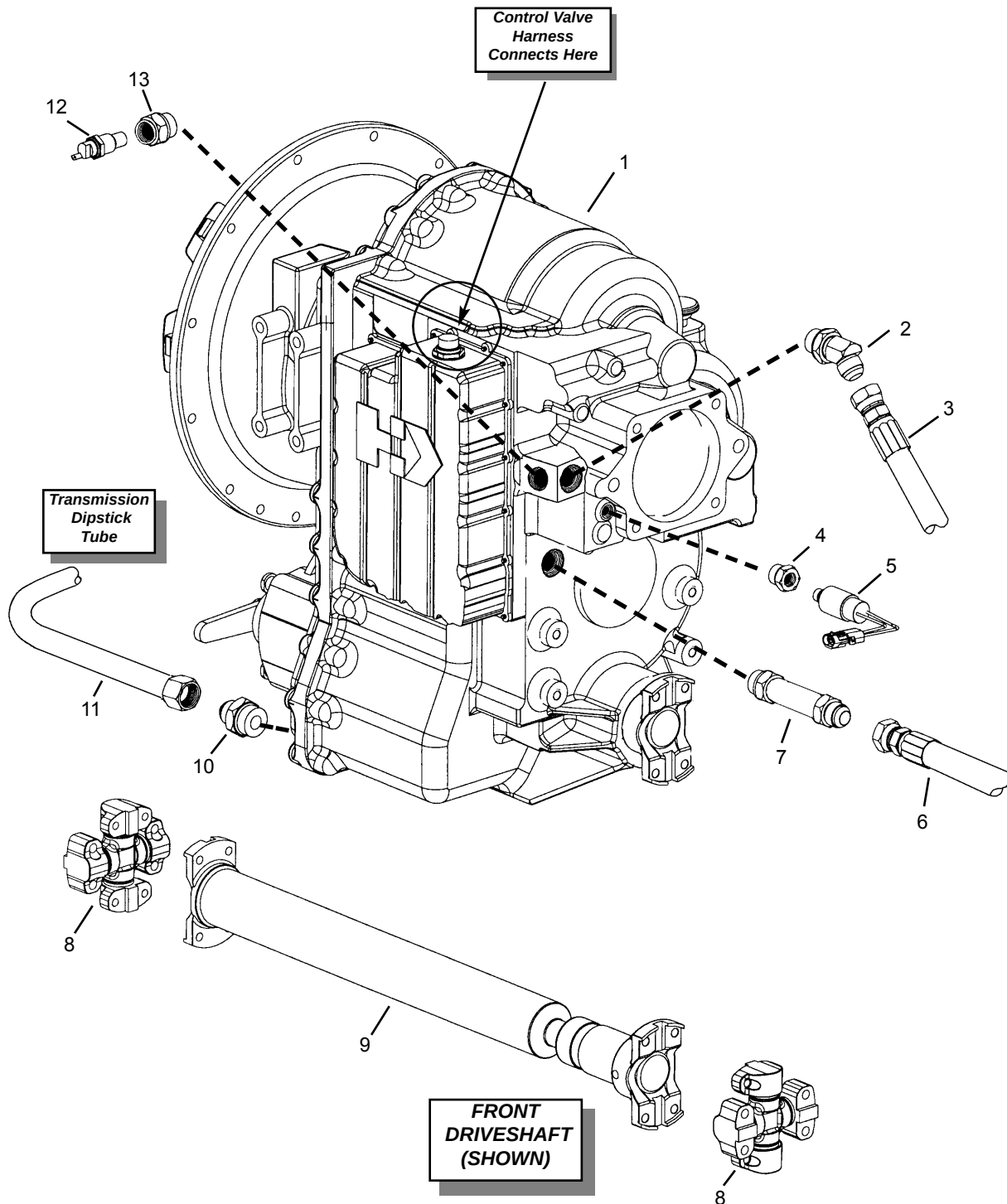
Assembly Group (Part 2 of 2)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99817	HIGH TEMP. VITON SEAL	2	12	L99808	IDLER SPACER.	4
02	L99805	BEARING CONE.	8	13	L99802	LH GEAR (79 TEETH).	2
03	520013	BEARING CUP	8	14	L99804	IDLER SHAFT	2
04	L99807	OUTER SPACER.	2	15	NSS	HOUSING SUB-ASY.	1
05	L99801	RH GEAR (84 TEETH)	2	16	L99823	1/2" NPT PLUG	3
06	L99816	KEY	4	17	L99822	1/2" NPT MAGNETIC PLUG	1
07	L99826	OUTPUT SHAFT	1	18	L99815	EXPANSION PLUG	1
08	L99827	KEY	1	19	L99803	INPUT SHAFT	1
09	L99820	BREATHER	1	20	L99825	SHAFT ADAPTER.	1
10	L99821	3/8" x 3/4" BUSHING.	1	21	L67379	EXTERNAL RETAINER RING.	2
11	L99824	3/4" NPT STREET ELBOW	1				

Transmission

Mustang Telehandler

External Components, Electronics, and Driveshafts

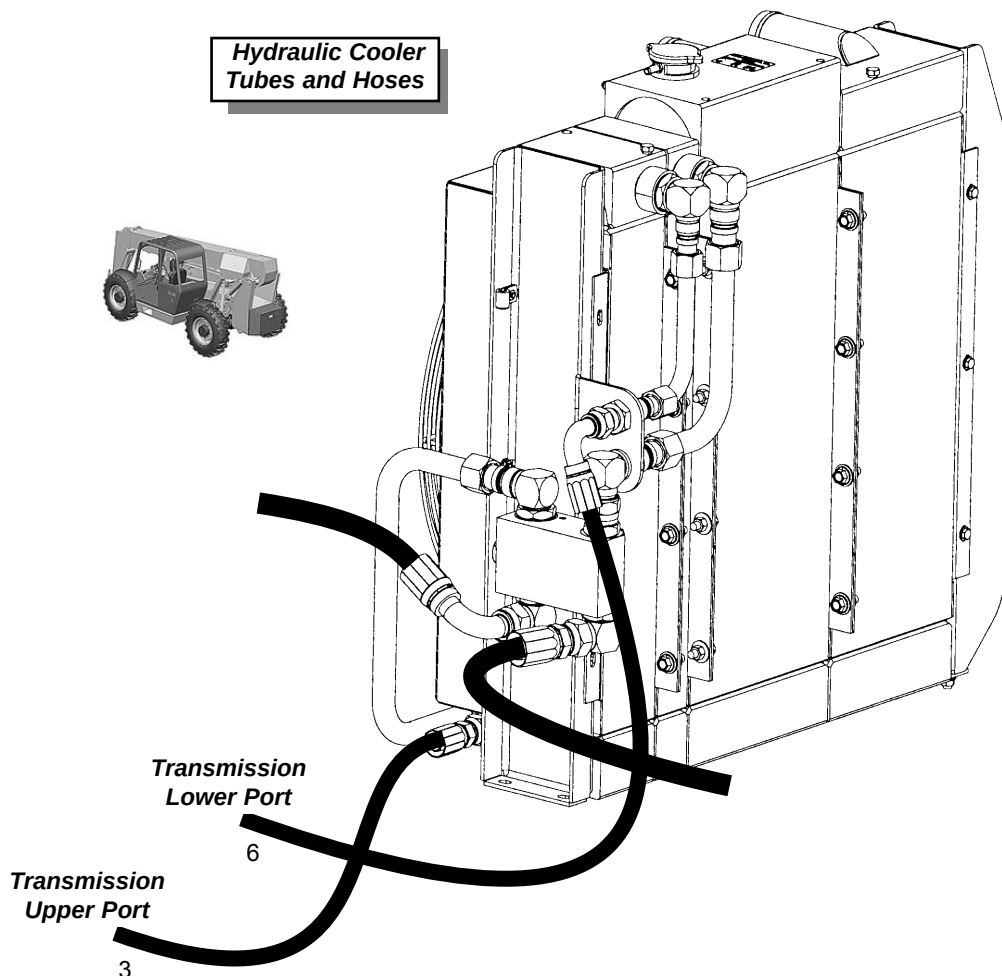


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Transmission

External Components, Electronics, and Driveshafts

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104867	TRANSMISSION ASY	1	12	L64795	TEMPERATURE SENDER	1
02	055064	ADAP., -12ORM -12JICM 45°	1	13	L446014	ADAP., -12ORM -8NPTF	1
03	105848	HOSE, -12 A12/A12 30"	1	-- ITEMS NOT SHOWN -- (Universal Joint Bolts)			
04	L445007	ADAP., 1/8" NPTF -10ORM	1				
05	L70133	REV. PRESSURE SWITCH	1				
06	105849	HOSE, -12 A12/DS12 42"	1				
07	188973	ADAP., -12 SAE -12JICM LNG ST	1	00	L50873	M10 x 1.0/45MM GR10.9 BOLT	8
08	L99182	UNIVERSAL JOINT	4	(metric used on axle end of u-joint)			
09		DRIVESHAFT		00	L50468	3/8"-24 x 1-3/4" GR8 BOLT	24
	100263	FRONT DRIVE SHAFT	1		654026	3/8" LOCK WASHER	AR
	100264	REAR DRIVE SHAFT	1	(Pressure Testing)			
10	121774	ADAP., -16ORM -12JICM STR.	1				
11	L71412	TRANSMISSION DIPSTICK ASY.	1	00	L500375	TEST ADAPTER	1
						(for checking pressure)	

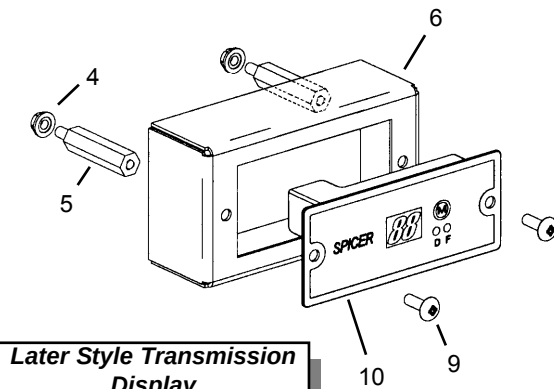
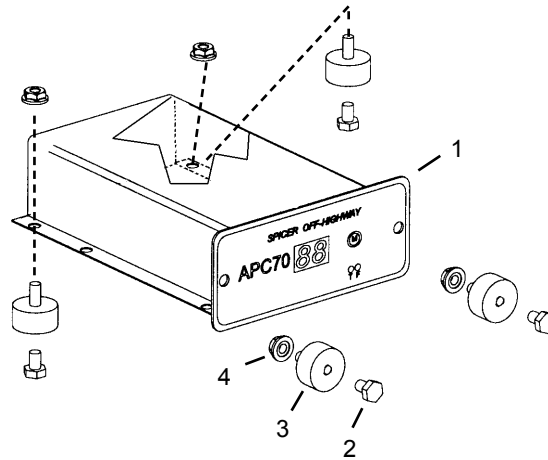


Transmission

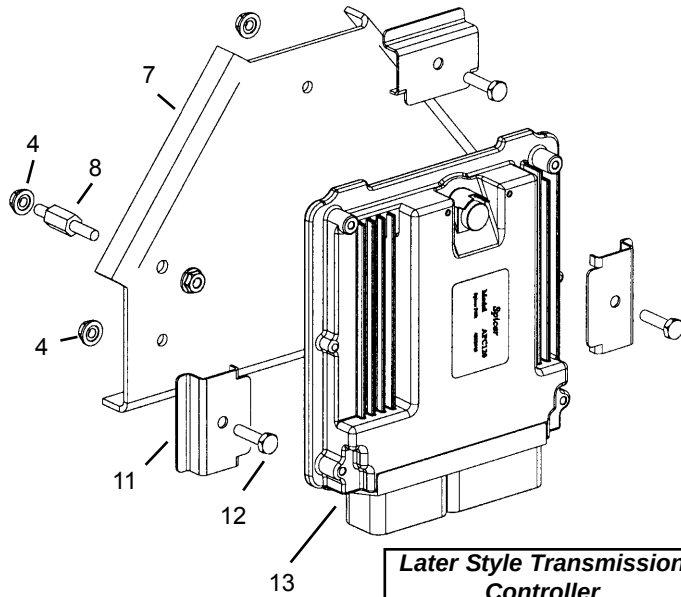
Electronic Controller and Display

Mustang Telehandler

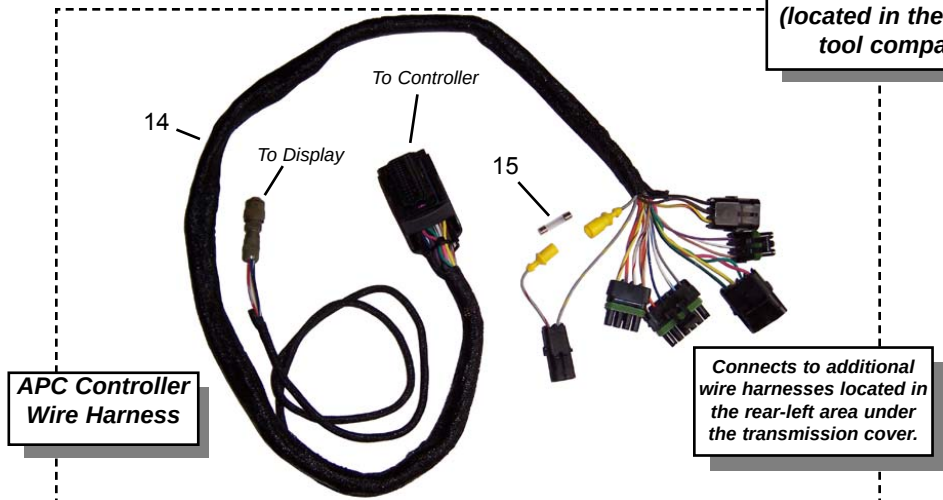
**Early Style
Transmission
Controller and Display
(located inside tool
compartment)**



**Later Style Transmission
Display
(located above fuse box
in tool compartment)**



**Later Style Transmission
Controller
(located in the rear of the
tool compartment)**



**APC Controller
Wire Harness**

**Connects to additional
wire harnesses located in
the rear-left area under
the transmission cover.**

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Transmission

Electronic Controller and Display

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	104868	CONTROLLER, APC70/71	1	09 ^b	105611	1/4" x 3/4" TRUSS BOLT (<i>black</i>) . . .	2
	L70232	HARNESS, CONTROL VALVE	1	10 ^{bc}	NSS	DISPLAY TRANS. CONTROLLER . .	1
		<i>(not shown - connects transmission to engine wire harness and APC controller. harness L70404, item #14)</i>		11 ^b	NSS	BRACKET (<i>included with item 13</i>) . .	3
	L70404	HARNESS, APC CONTROLLER . .	1	12 ^b	650835	1/4"-20 x 1" BOLT	3
		<i>(not shown - connects to control valve harness.)</i>		13 ^{bd}	105615	APC120 CONTRLR. & DISPLAY . .	1
02 ^a	L50645	1/4"-20 x 3/8" BOLT	4		105103	HARNESS, CONTROL VALVE	1
03 ^a	L70448	ISO MOUNT, RUBBER	4			<i>(not shown - connects transmission to engine wire harness and APC controller harness 105104, item #14)</i>	
04	L50051	1/4"-20 WHIZ NUT	AR	14	105104	HARNESS, APC CONTROLLER . .	1
05 ^b	105610	DISPLAY STAND-OFF	2			<i>(connects to control valve harness)</i>	
06 ^b	105285	DISPLAY COVER	1	15 ^b	105969	FUSE, 1 AMP (<i>slow-blow</i>)	1
07 ^b	105286	CONTROLLER MOUNT	1			<i>(used in 105104 APC wire harness)</i>	
08 ^b	105609	CONTROLLER STAND-OFF.	2				

a The following units are equipped with the 104868 APC70/71 transmission controller, L70232 control valve harness, and L70404 APC controller harness:

*744; SN 20131 and before
944; SN 30083 and before
1155; SN 40073 and before*

b The following units are equipped with the 105615 APC120 transmission controller, 105103 control valve harness and 105104 APC controller harness:

*744; SN 210132 and up
944; SN 30084 and up*

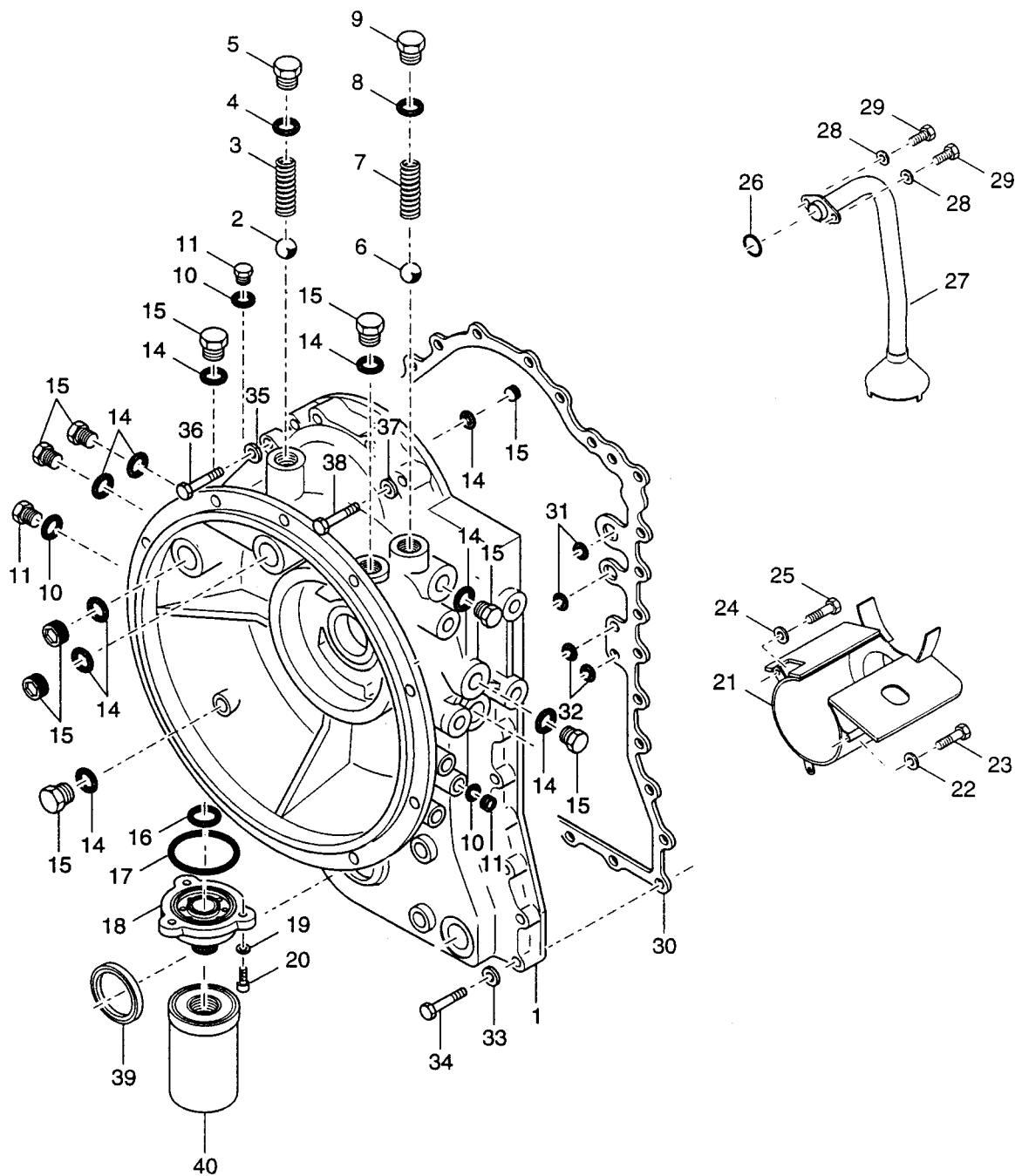
c Display is not available separately; it is included with the controller, item #13.

d Includes item #10, display.

Transmission

Converter Housing Group

Mustang Telehandler



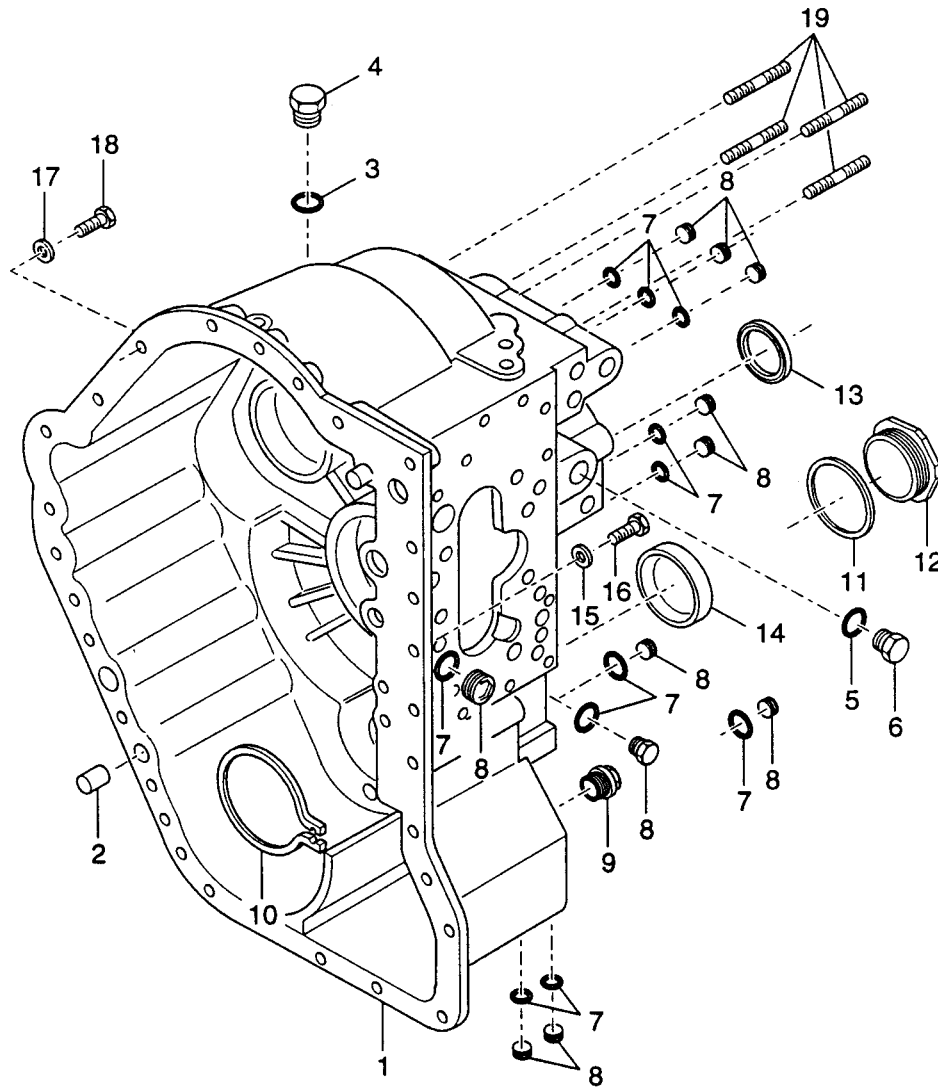
744 / 944 / 1155

Transmission Converter Housing Group

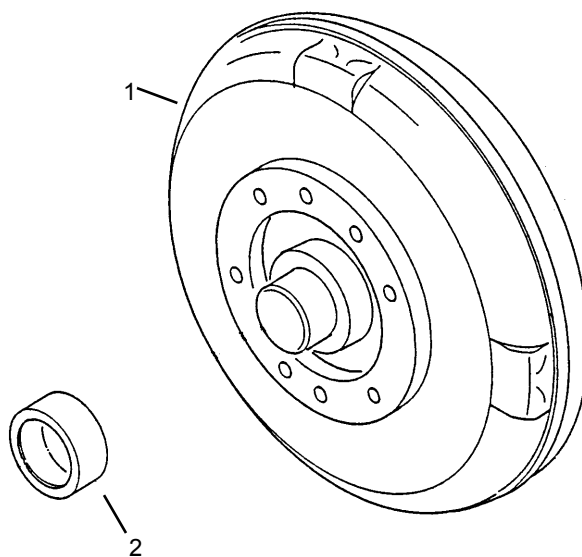
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99661	CONVERTER HSG. ASY.	1	22	L99029	SCREW LOCKWASHER.	2
02	L99662	BALL	1	23	L99679	MOUNTING SCREW.	2
03	L99663	BY-PASS SPRING.	1	24	L99029	SCREW LOCKWASHER.	1
04	L99664	PLUG O-RING (part of Item 5)	1	25	L99269	MOUNTING SCREW.	1
05	L99665	PLUG (includes item 4)	1	26	L99681	SUCTION TUBE O-RING	1
06	L99666	BALL	1	27	L99682	SUCTION TUBE ASSEMBLY	1
07	L99667	SAFETY VALVE SPRING	1	28	L99029	SCREW LOCKWASHER.	2
08	L99668	PLUG O-RING (part of item 9)	1	29	L99679	MOUNTING SCREW.	2
09	L99669	PLUG (includes item 8)	1	30	L99683	CASE GASKET	1
10	L99670	PLUG O-RING (part of item 11) ...	3	31	L99680	CASE O-RING	2
11	L99671	PLUG (includes item 10)	3	32	L98312	CASE O-RING	2
14	L99672	PLUG O-RING (part of item 15) ..	10	33	L99029	SCREW LOCKWASHER.	14
15	L99673	PLUG (includes item 14)	10	34	L99045	CASE SCREW	14
16	L99674	FILTER ADAPTER O-RING	1	35	L99029	SCREW LOCKWASHER.	1
17	L99675	FILTER ADAPTER O-RING	1	36	L99285	CASE SCREW	1
18	L99676	FILTER ADAPTER.	1	37	L99029	SCREW LOCKWASHER.	5
19	L99029	SCREW LOCKWASHER.	3	38	L99684	CASE SCREW	5
20	L99677	ADAPTER SCREW	3	39	L99685	FRONT OUTPUT SHAFT SEAL ...	1
21	L99678	OIL BAFFLE	1	40	L99440	FILTER ASY.	1

Transmission Case Group

Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99686	CASE ASSEMBLY.	1	11	L94818	PLUG GASKET.	1
02	L99786	CASE/HOUSING PIN.	2	12	L99689	PLUG.	1
03	L99672	PLUG O-RING (part of item 4) ...	1	13	L99685	REAR SHAFT SEAL.	1
04	L99673	PLUG (includes item 3)	1	14	L99690	SHAFT BORE PLUG.	1
05	L99687	PLUG O-RING (part of item 6) ...	1	15	L99029	CASE SCREW LOCKWASHER ...	5
06	L99688	PLUG (includes item 5)	1	16	L99285	CASE SCREW.	5
07	L99670	PLUG O-RING (part of item 8) ...	11	17	L99029	CASE SCREW LOCKWASHER ...	4
08	L99671	PLUG (includes item 7)	11	18	L99285	CASE SCREW.	4
09	L98425	MAGNETIC DRAIN PLUG.	1	19	L99691	1/2"-20 STUD.	4
10	L94770	BEARING SNAP RING.	1				

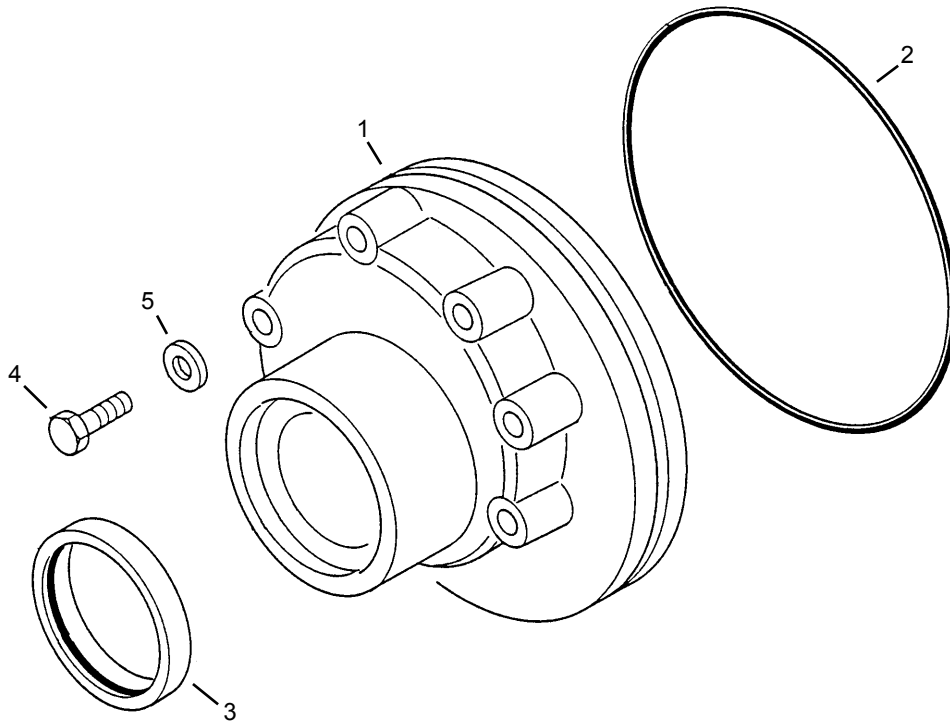


Ref. No.	Part No.	Description	Qty. Req.
01	L500440	CONVERTER & BUSHING ASY....	1
02	L99693	PILOT BUSHING.....	1
		<i>(included with item 1)</i>	

Transmission

Charge Pump

Mustang Telehandler

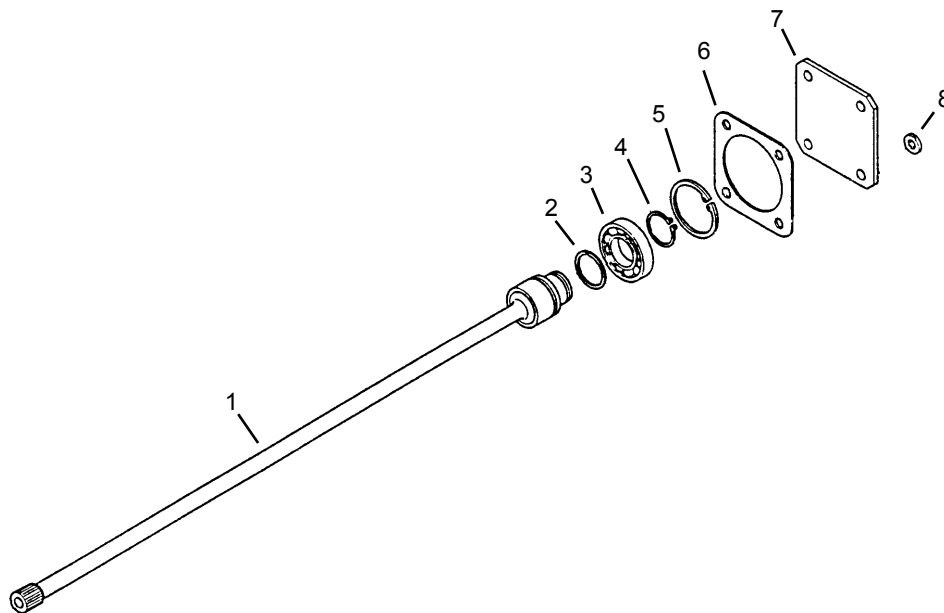


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99702	CHARGE PUMP ASSEMBLY 1 (includes items 2 & 3)		03	L99704	PUMP OIL SEAL 1	
02	L99703	PUMP O-RING 1		04	L99705	PUMP MTG. SCREW 6	
				05	L99706	SCREW SEAL WASHER 6	

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Transmission

Pump Drive

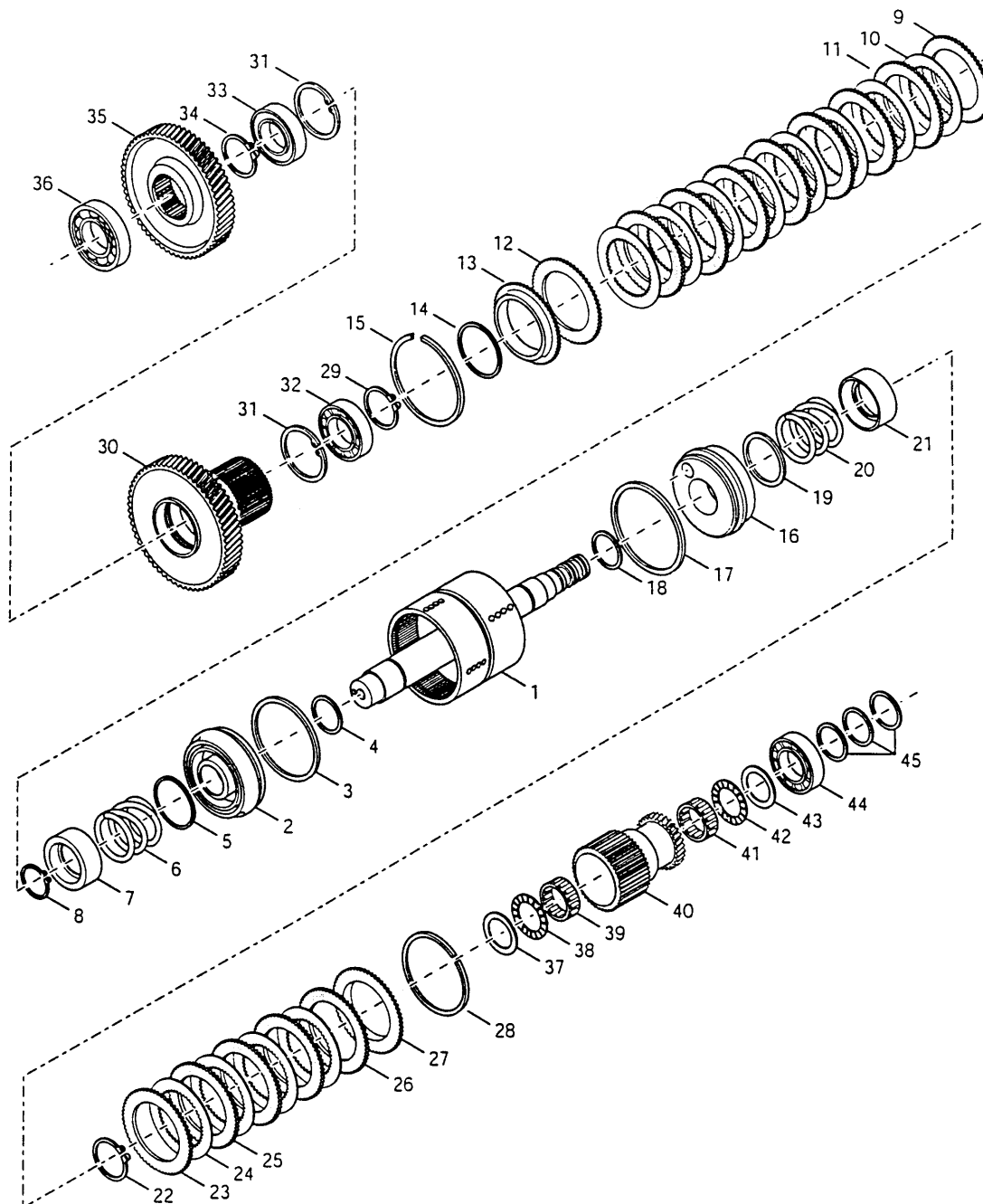


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99694	PUMP DRIVE SHAFT	1	05	L99697	BEARING RETAINING RING	1
02	L99695	PISTON RING	1	06	L99698	HOLE COVER GASKET	1
03	L94856	DRIVE SHAFT BEARING	1	07	L99699	HOLE COVER	1
04	L99696	BEARING SNAP RING	1	08	L99700	STUD NUT LOCKWASHER	4

Transmission

Mustang Telehandler

Gears and Shaft - Forward Low/High



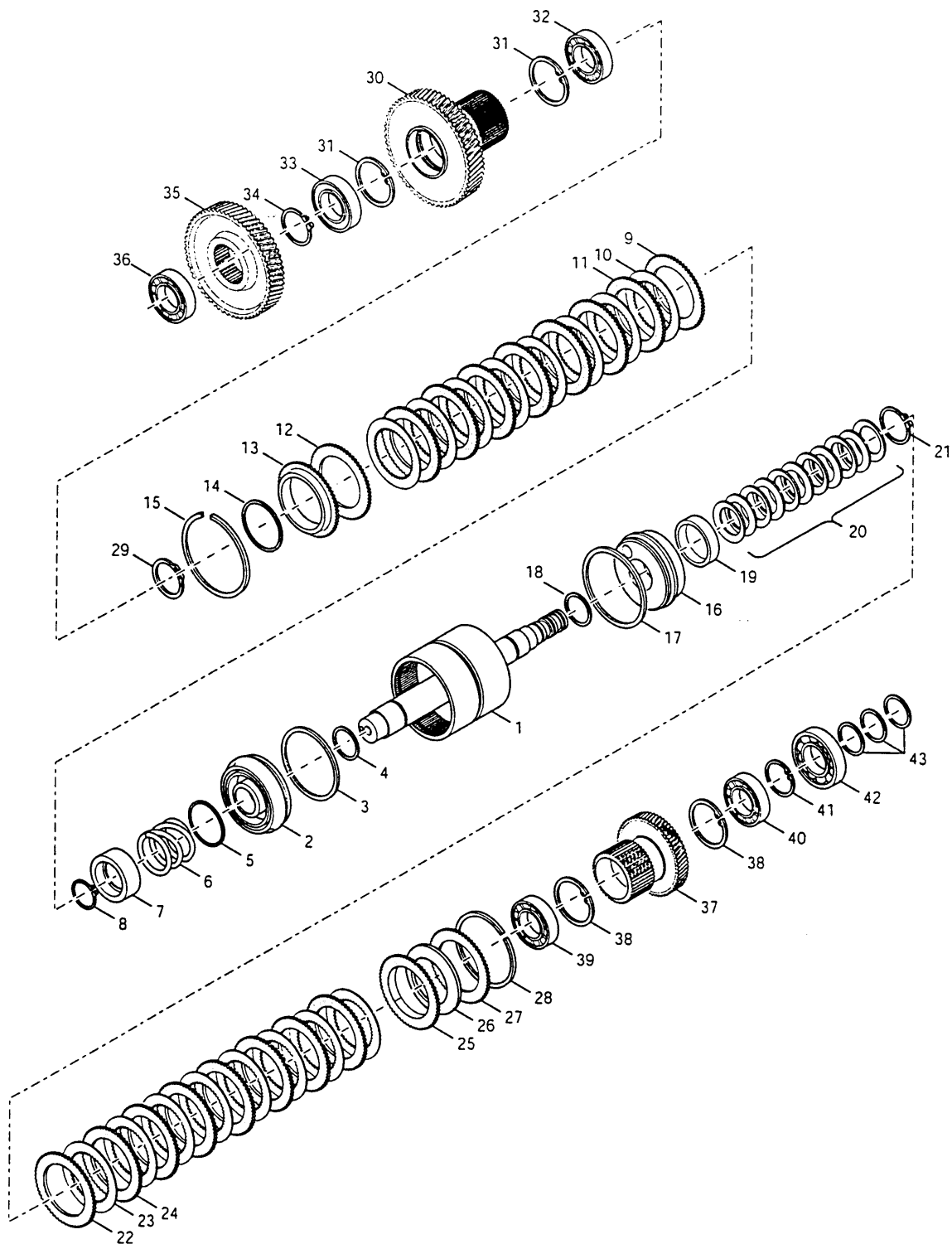
744 / 944 / 1155**Transmission****Gears and Shaft - Forward Low/High**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500601	DRUM & PLUG ASY.	1	20	L99710	PISTON RETURN SPRING	1
02	L99708	PISTON & SEALS ASY.	1	21	L99711	SPRING RETAINER	1
		(includes items 3 and 4)		22	L94849	RETAINER SNAP RING	1
03	L96065	PISTON OUTER SEAL	1	23	L99712	OUTER HALF DISC	1
		(included in item 2)		24	L99713	INNER DISC	4
04	L96066	PISTON INNER SEAL	1	25	L99714	OUTER DISC	3
		(includes item 2)		26	L99712	OUTER HALF DISC	1
05	L99709	PISTON WEAR PLATE	1	27	L99718	DISC BACKING PLATE	1
06	L99710	PISTON RETURN SPRING	1	28	L96060	PLATE SNAP RING	1
07	L99711	SPRING RETAINER	1	29	L98266	BEARING SNAP RING	1
08	L94849	RETAINER SNAP RING	1	30	L500604	FWD. LOW CLUTCH GEAR (54T) .	1
09	L99712	OUTER HALF DISC	1	31	L99721	FL BRG. LOCATING RING	2
10	L99713	INNER DISC	8	32	L94898	FL GEAR INNER BEARING	1
11	L99714	OUTER DISC	7	33	L99722	GEAR OUTER BEARING	1
12	L99712	OUTER HALF DISC	1			(shield out)	
13	L500602	END PLATE AND SEAL ASY	1	34	L98266	BEARING SNAP RING	1
		(includes item 14)		35	L99723	FWD. DRIVEN GEAR (42T)	1
14	L500603	BACKING PLATE SEAL	1	36	L99724	FL/FH SHAFT FRONT BRG.	1
		(included in item 13)		37	L99725	THRUST BEARING SPACER	1
15	L96060	PLATE SNAP RING	1	38	L99726	FH GEAR THRUST BEARING	1
16	L99708	PISTON & SEALS ASY.	1	39	L99727	FH GEAR NEEDLE BEARING	1
		(includes items 17 and 18)		40	L99728	FH CLUTCH GEAR (34T)	1
17	L96065	PISTON OUTER SEAL	1	41	L99727	FH GEAR NEEDLE BEARING	1
		(included in item 16)		42	L99726	FH GEAR THRUST BEARING	1
18	L96066	PISTON INNER SEAL	1	43	L99725	THRUST BEARING SPACER	1
		(included in item 16)		44	L99729	FL/FH SHAFT REAR BEARING ...	1
19	L99709	PISTON WEAR PLATE	1	45	L99730	FL/FH SHAFT PISTON RING	3

Transmission

Gears and Shaft - Reverse/1st

Mustang Telehandler



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Transmission

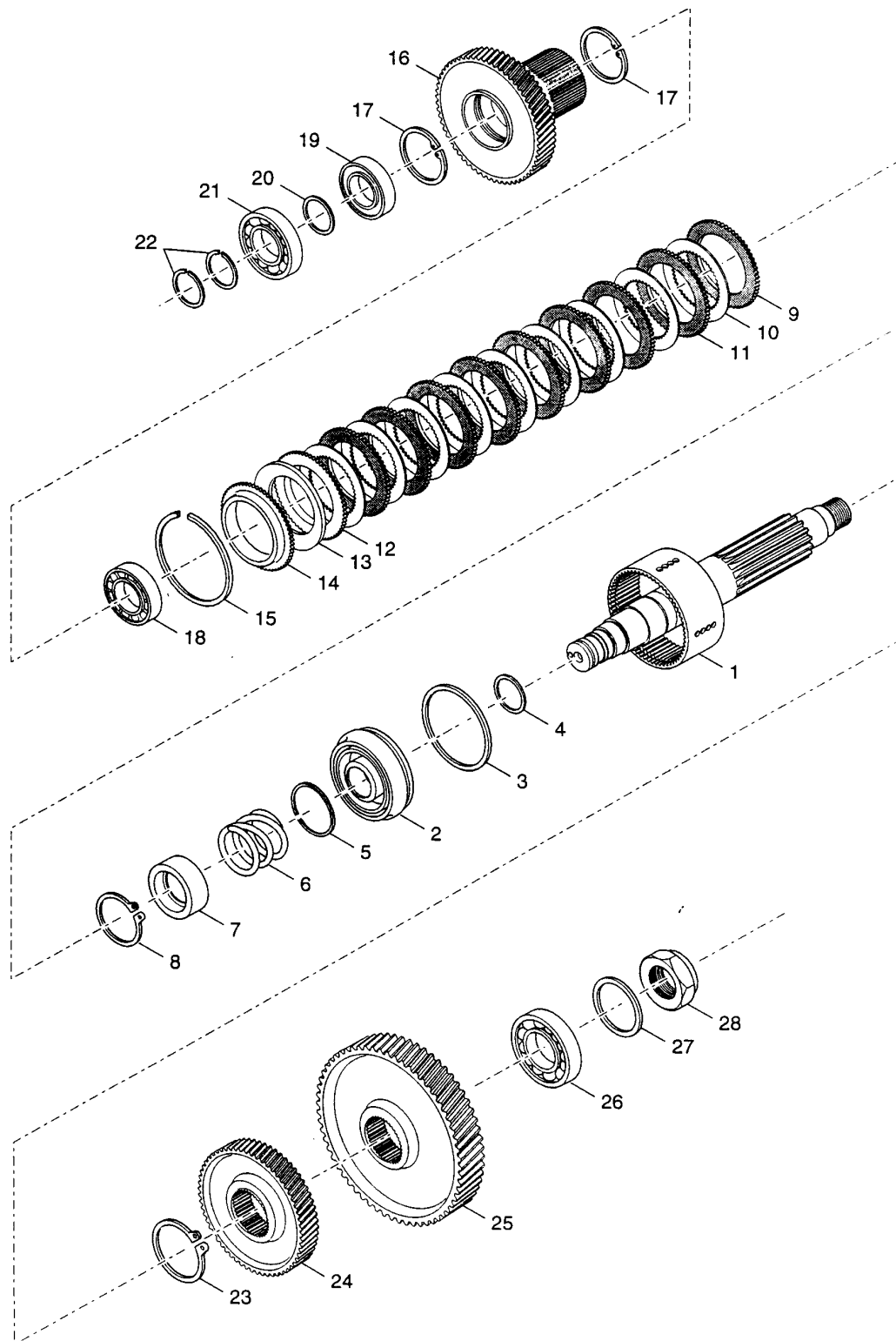
Gears and Shaft - Reverse/1st

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500605	DRUM & PLUG ASY.	1	20	L99787	RETURN SPRING.....	1
02	L99708	PISTON & SEALS ASY.	1			(belleville washer)	
		(includes items 3 and 4)		21	L94849	SNAP RING.....	1
03	L96065	PISTON OUTER SEAL	1	22	L99712	OUTER HALF DISC	1
		(included in item 2)		23	L99713	INNER DISC	8
04	L96066	PISTON INNER SEAL.....	1	24	L99714	OUTER DISC	7
		(includes item 2)		25	L99712	OUTER HALF DISC	1
05	L99709	PISTON WEAR PLATE	1	26	L99733	MODULATION SPRING	1
06	L99710	PISTON RETURN SPRING	1	27	L99718	DISC BACKING PLATE.....	1
07	L99711	SPRING RETAINER	1	28	L96060	PLATE SNAP RING.....	1
08	L94849	RETAINER SNAP RING	1	29	L98266	BEARING SNAP RING	1
09	L99712	OUTER HALF DISC	1	30	L500604	REV. CLUTCH GEAR (54T)	1
10	L99713	INNER DISC	8	31	L99721	R GEAR LOCATING RING	2
11	L99714	OUTER DISC	7	32	L94898	R GEAR INNER BEARING.....	1
12	L99712	OUTER HALF DISC	1	33	L99722	R GEAR OUTER BEARING	1
13	L500602	END PLATE AND SEAL ASY	1			(shield out)	
		(includes item 14)		34	L98266	BEARING SNAP RING	1
14	L500603	BACKING PLATE SEAL	1	35	L99734	REV. DRIVEN GEAR (50T).....	1
		(included in item 13)		36	L99724	R/1 SHAFT FRONT BEARING	1
15	L96060	PLATE SNAP RING.....	1	37	L99735	1ST CLUTCH GEAR (30T)	1
16	L99708	PISTON & SEALS ASY.....	1	38	L99736	BEARING LOCATING RING	2
		(includes items 17 and 18)		39	L99737	1ST GEAR INNER BEARING	1
17	L96065	PISTON OUTER SEAL	1	40	L99738	1ST GEAR OUTER BEARING	1
		(included in item 16)				(shield out)	
18	L96066	PISTON INNER SEAL.....	1	41	L99739	BEARING SNAP RING	1
		(included in item 16)		42	L500600	R/1 SHAFT REAR BEARING	1
19	L99709	PISTON WEAR PLATE	1	43	L99730	R/1 SHAFT PISTON RING	3

Transmission

Gears and Shaft - 2nd

Mustang Telehandler



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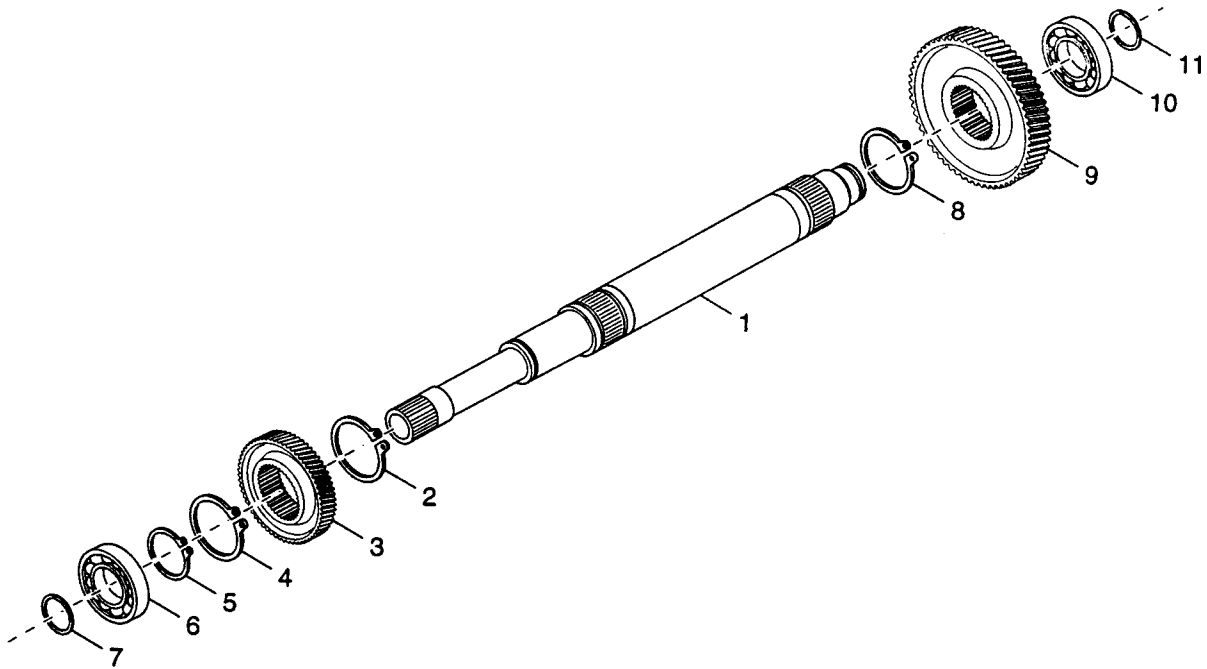
Transmission
Gears and Shaft - 2nd

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99745	2ND SHAFT, HUB		15	L96060	BACKING PLATE SNAP RING	1
		DRUM & PLUG ASY.	1	16	L99746	2ND CLUTCH GEAR (52T)	1
02	L99708	PISTON & SEALS ASY.	1	17	L99736	BEARING LOCATING RING	2
		(includes items 3 and 4)		18	L99737	2ND GEAR INNER BEARING.	1
03	L96065	PISTON OUTER SEAL	1	19	L99738	2ND GEAR OUTER BRG.	1
		(part of item 2)				(shield out)	
04	L96066	PISTON INNER SEAL	1	20	L99747	BEARING SUPPORT WASHER	1
		(part of item 2)		21	L99740	2ND SHAFT FRONT BEARING	1
05	L99709	PISTON WEAR PLATE	1	22	L99730	2ND SHAFT PISTON RING	2
06	L99710	PISTON RETURN SPRING	1	23	L99748	GEAR RETAINER SNAP RING. . . .	1
07	L99711	SPRING RETAINER	1	24	L99749	LOWER OUTPUT	
08	L94849	RETAINER SNAP RING	1			DRIVE GEAR (41T)	1
09	L99712	OUTER HALF DISC	1	25	L99750	UPPER OUTPUT	
10	L99713	CLUTCH INNER DISC	8			DRIVE GEAR (59T)	1
11	L99714	CLUTCH OUTER DISC.	7	26	L99751	2ND SHAFT REAR BEARING	1
12	L99712	OUTER HALF DISC	1	27	L99752	OUTPUT FLANGE WASHER	1
13	L99733	MODULATION SPRING	1	28	L99753	OUTPUT FLANGE NUT	1
14	L99718	DISC BACKING PLATE.	1				

Transmission

Gears and Shaft - Input

Mustang Telehandler

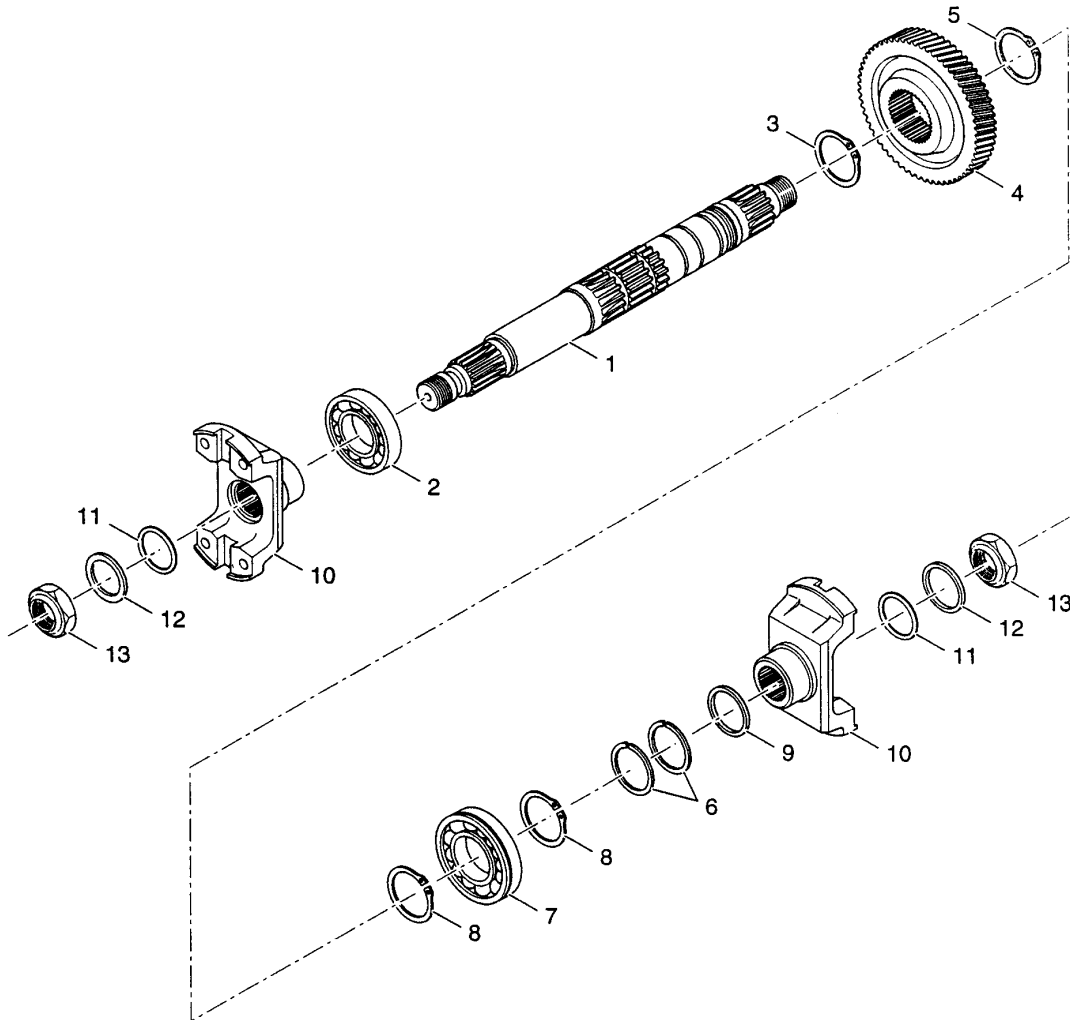


Ref. No.	Part No.	Description	Qty. Req.
01	L99741	INPUT SHAFT	1
02	L99742	F/L GEAR SNAP RING	1
03	L99743	FWD/LOW GEAR (26T)	1
04	L98266	GEAR SNAP RING	1
05	L99696	BEARING SNAP RING	1
06	L500600	SHAFT FRONT BEARING	1
07	L99730	SHAFT PISTON RING	1
08	L98266	F/H GEAR SNAP RING	1
09	L99744	FWD/HIGH GEAR (62T)	1
10	L99740	INPUT SHAFT REAR BRG.	1
11	L99730	SHAFT PISTON RING	1

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Transmission

Gears and Shaft - Output

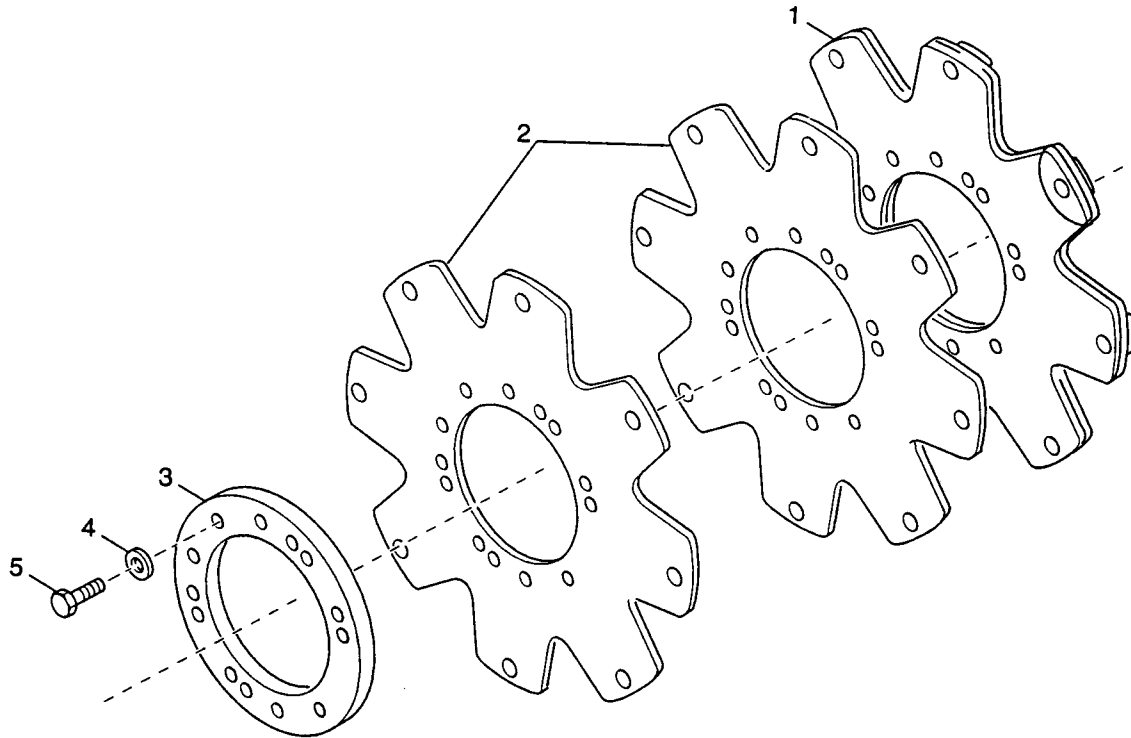


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99754	OUTPUT SHAFT ASY.	1	08	L99759	SNAP RING.....	1
02	L99755	SHAFT FRONT BEARING	1	09	L99760	OUTPUT FLANGE SPACER.....	1
03	L99756	SNAP RING.....	1	10	L99761	OUTPUT FLANGE.....	2
04	L99757	OUTPUT SHAFT GEAR	1	11	L99762	FLANGE O-RING	2
05	L99756	SNAP RING.....	1	12	L99752	FLANGE WASHER	2
06	L99758	SHAFT PISTON RING	2	13	L99753	FLANGE NUT	2
07	L99763	SHAFT REAR BEARING.....	1				

Transmission

Drive Plate Group

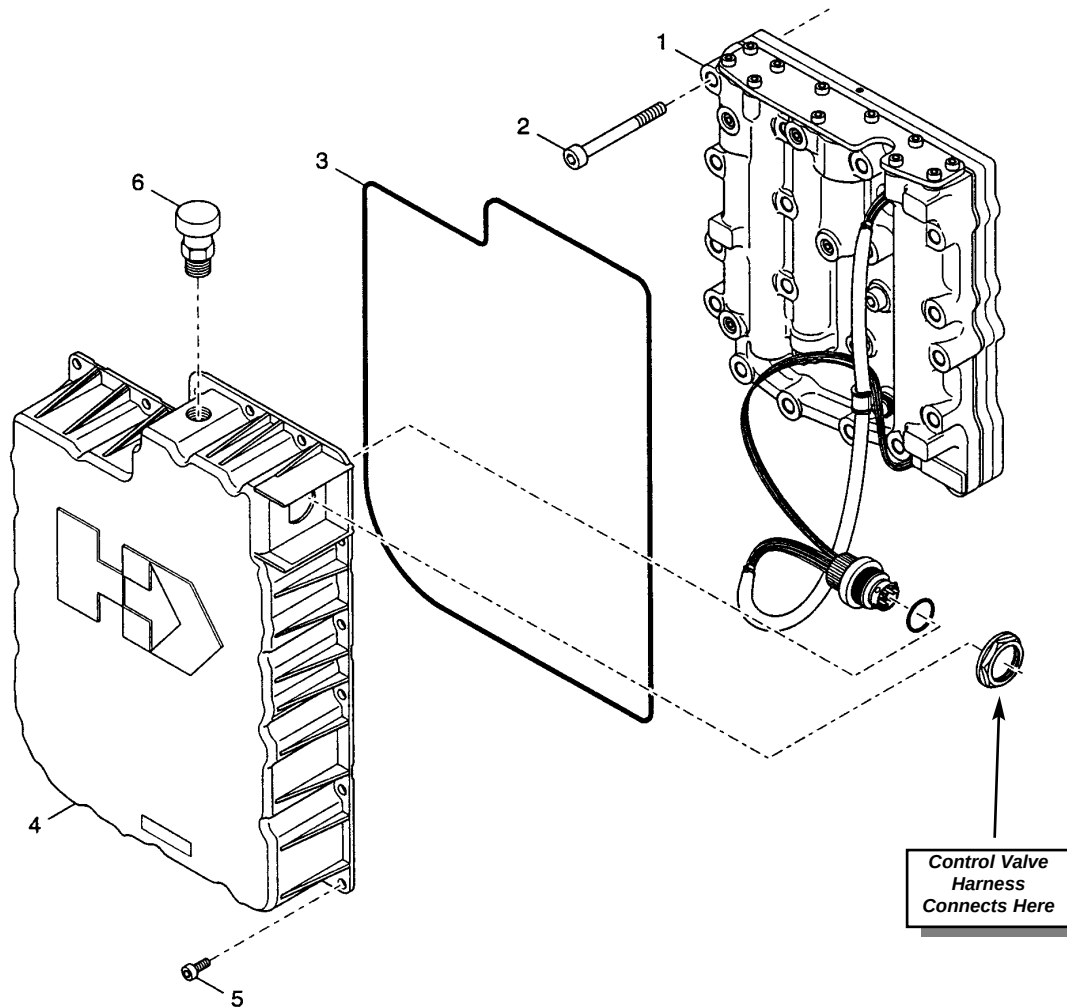
Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99784	DRIVE PLATE ASY..... 1 (includes items 2-5)	1	03	L97516	PLATE BACKING RING	1
02	NSS	DRIVE PLATE (includes item 1) . . .	2	04	L99030	SCREW LOCKWASHER.....	6
				05	L99785	MOUNTING SCREW.....	6

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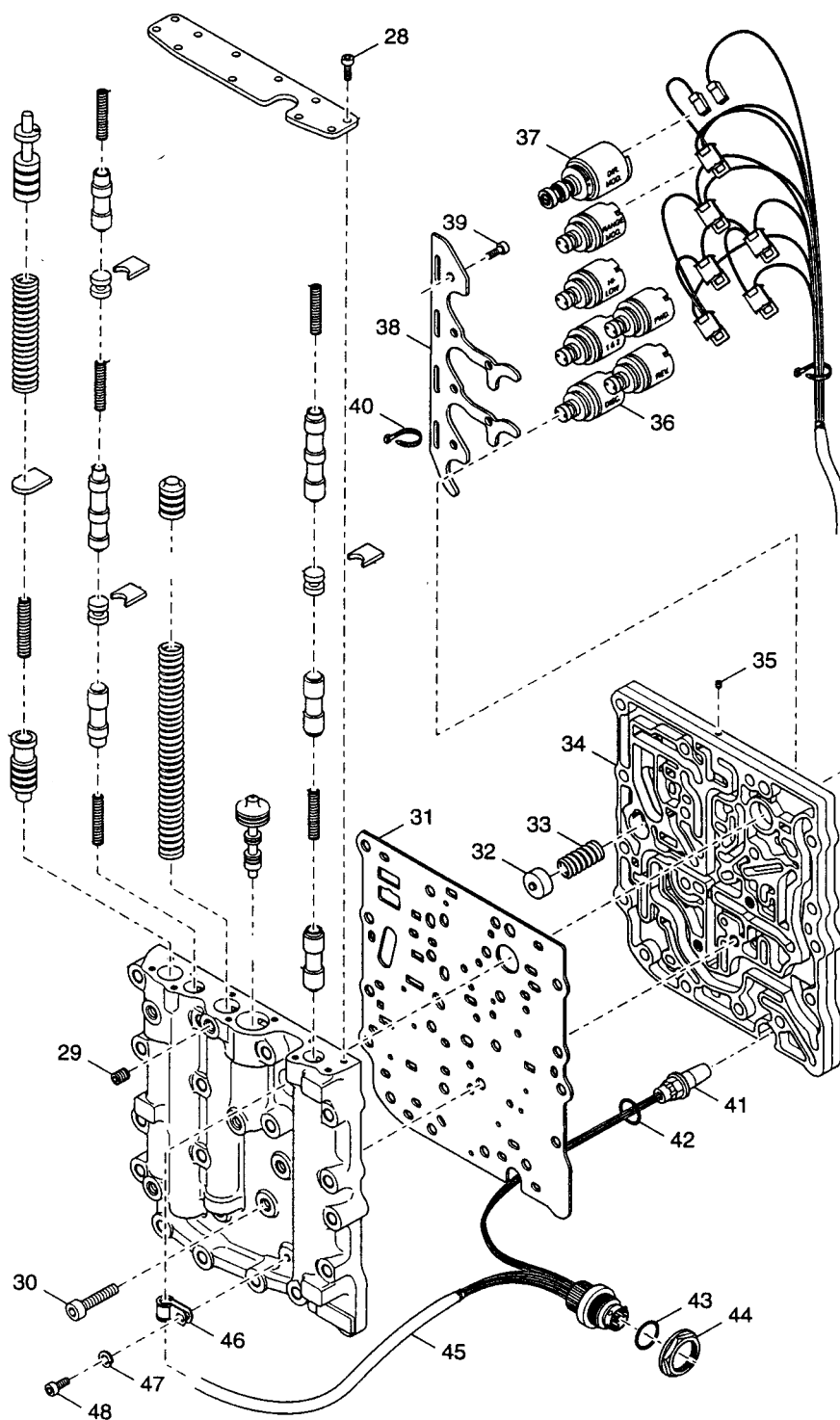
Transmission Control Valve Group



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105082	CONTROL VALVE ASSEMBLY. . . .	1	05	L99768	COVER SCREW	20
02	L99765	VALVE MOUNTING SCREW	2	06	L94824	AIR BREATHER	1
03	L99766	PROTECTION COVER SEAL	1			(part of item 4)	
04	L99767	PROTECTION COVER ASY.	1				
		(includes item 6)					

Transmission Control Valve Assembly

Mustang Telehandler



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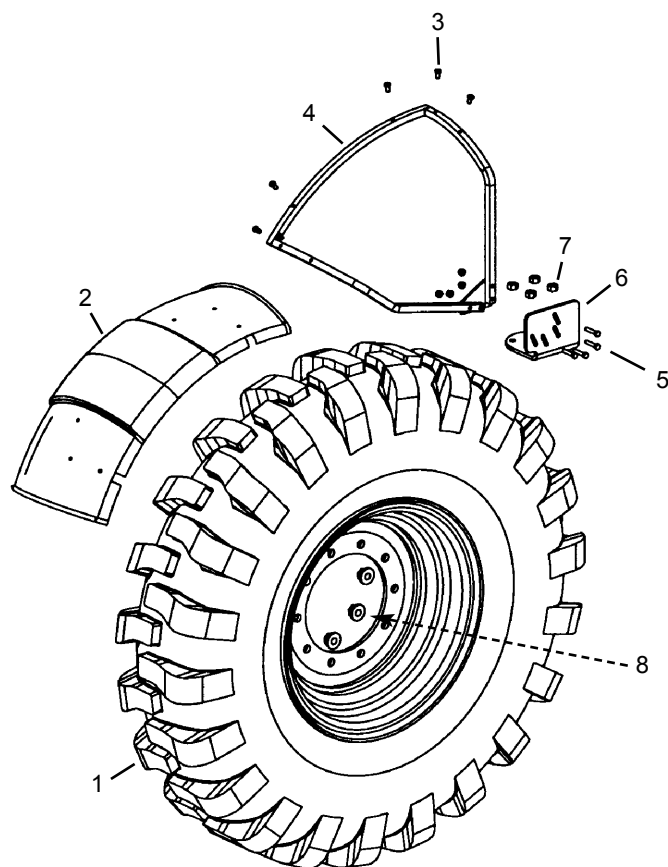
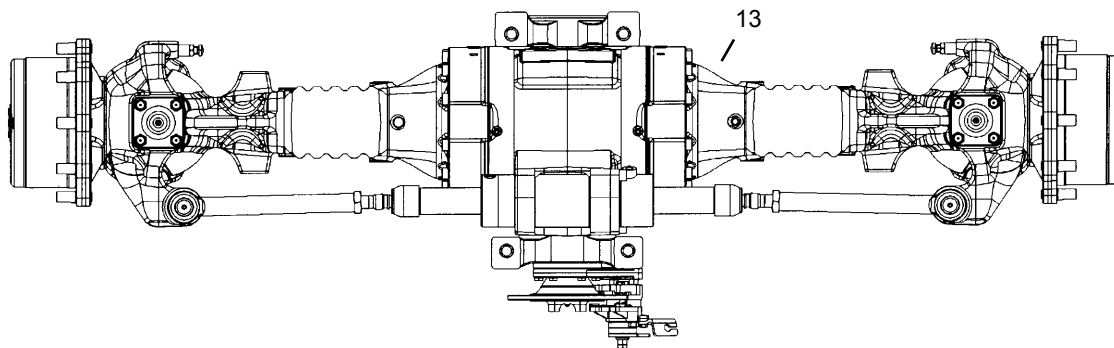
Transmission
Control Valve Assembly

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	105082	CONTROL VALVE ASSEMBLY. . . .	1	42	L99778	SENSOR O-RING	1
28	L99769	COVER SCREW	11	41	NSS	SPEED SENSOR <i>(included w/#45)</i> . .	1
29	L99770	CHECK PORT PLUGS	2	42	L99778	SENSOR O-RING	1
30	L99771	SOL. PLATE SCREW	3	43	L99779	JAM NUT O-RING.	1
32	L99772	BYPASS VALVE SPOOL.	1	44	NSS	JAM NUT <i>(included w/#45)</i>	1
33	L99773	VALVE SPRING.	1	45	105851	HARNESS & SPEED SENSOR ASSEMBLY <i>(includes items 41-44)</i> .	1
35	L99774	PLUG.	6	46	L99781	WIRING CLAMP	1
36	L99775	SOLENOID	6	47	L99782	SCREW LOCKWASHER.	1
37	104869	ELEC. CONTL. MODULE VALVE . .	1	48	L99769	CLAMP SCREW	1
39	L99769	CLAMP SCREW	6				
40	L99834	WIRING STRAP	6				

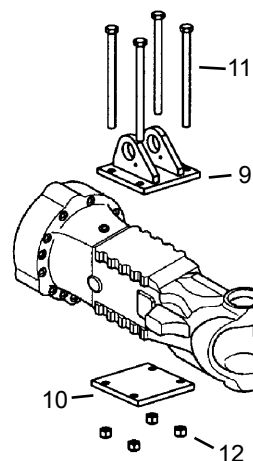
Axle

Front and Rear - External Components

Mustang Telehandler



Driveshafts are located
in transmission section of
this parts manual.



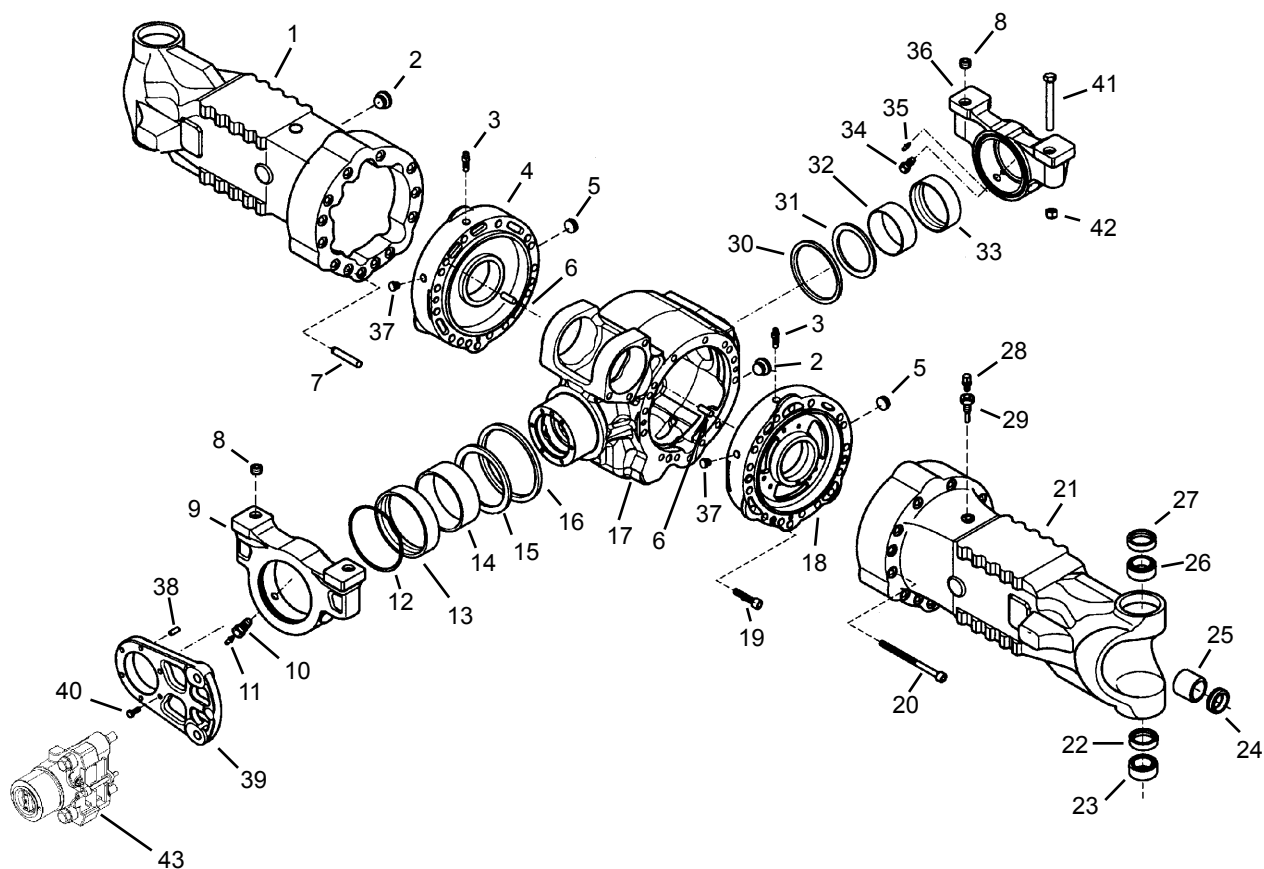
744 / 944 / 1155**Axle****Front and Rear - External Components**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				04		FENDER MOUNT (<i>fender</i>) (Round Tubing - Late Style)	
01 ^a		13.00X24 TIRE SET				(Right Front / Left Rear)	2
	L47270	TIRE, 13.00 x 24TG 12PLY	4		105203	(Left Front / Right Rear)	2
	100133	WHEEL, 24 x 9.00 GR	4		105202	(Square Tubing - Early Style)	
01 ^a		13.00 x 24 TIRE SET (<i>rock</i>)				(Right Front / Left Rear)	2
	L71758	TIRE, 13.00 x 24 12PLY ROCK	4		100003	(Left Front / Right Rear)	2
	100133	WHEEL, 24 x 9.00 GR	4		100008	3/8-16 x 1-3/4" BOLT	8
01 ^a		13.00 x 24 TIRE SET (<i>foam filled</i>)		05	650579	FENDER MOUNT (<i>axle</i>)	2
	L47270	TIRE, 13.00 x 24TG 12PLY	4	06		(Right Front / Left Rear)	2
	100133	WHEEL, 24 x 9.00 GR	4		100260	(Left Front / Right Rear)	2
01		14.00 x 24 TIRE SET			100259	M16-2.00 NUT	8
	L60198	TIRE, 14.00 x 24TG 12PLY	4	07	656052	M22 x 1.5 WHEEL NUT	20
	100133	WHEEL, 24 x 9.00 GR	4	08	L69734	LEVEL/STABILIZER MOUNT	1
01		14.00 x 24 TIRE SET (<i>rock</i>)		09 ^c		LEVEL/STABILIZER PLATE	1
	L71723	TIRE 14.00 x 24 ROCK	4	10	100255	3/4-10 x 11 BOLT	4
	103929	WHEEL, 10.00VA x 24	4	11	L50684	3/4"-10 NUT	4
01		14.00 x 24 TIRE SET (<i>foam filled</i>)		12	L50084	AXLE	
	L60198	TIRE, 14.00 x 24TG 12PLY	4	13		FRONT	1
	100133	WHEEL, 24 x 9.00 GR	4		100330	REAR	1
01 ^b	210152	13 x 24 SOLID TIRE/WHEEL SET	4		100332		
02	L99951	FENDER	4				
03	L50253	3/8-16 x 3/4" BUTTON HD BOLT	12				
				a		Not available for models 944 or 1155.	
				b		When ordering, specify right or left side.	
				c		Refer to Hydraulic section - "Frame Level Cylinder Group" or "Frame Stabilizer Cylinder Group" for part number information.	

Axle

Front and Rear - Housing

Mustang Telehandler



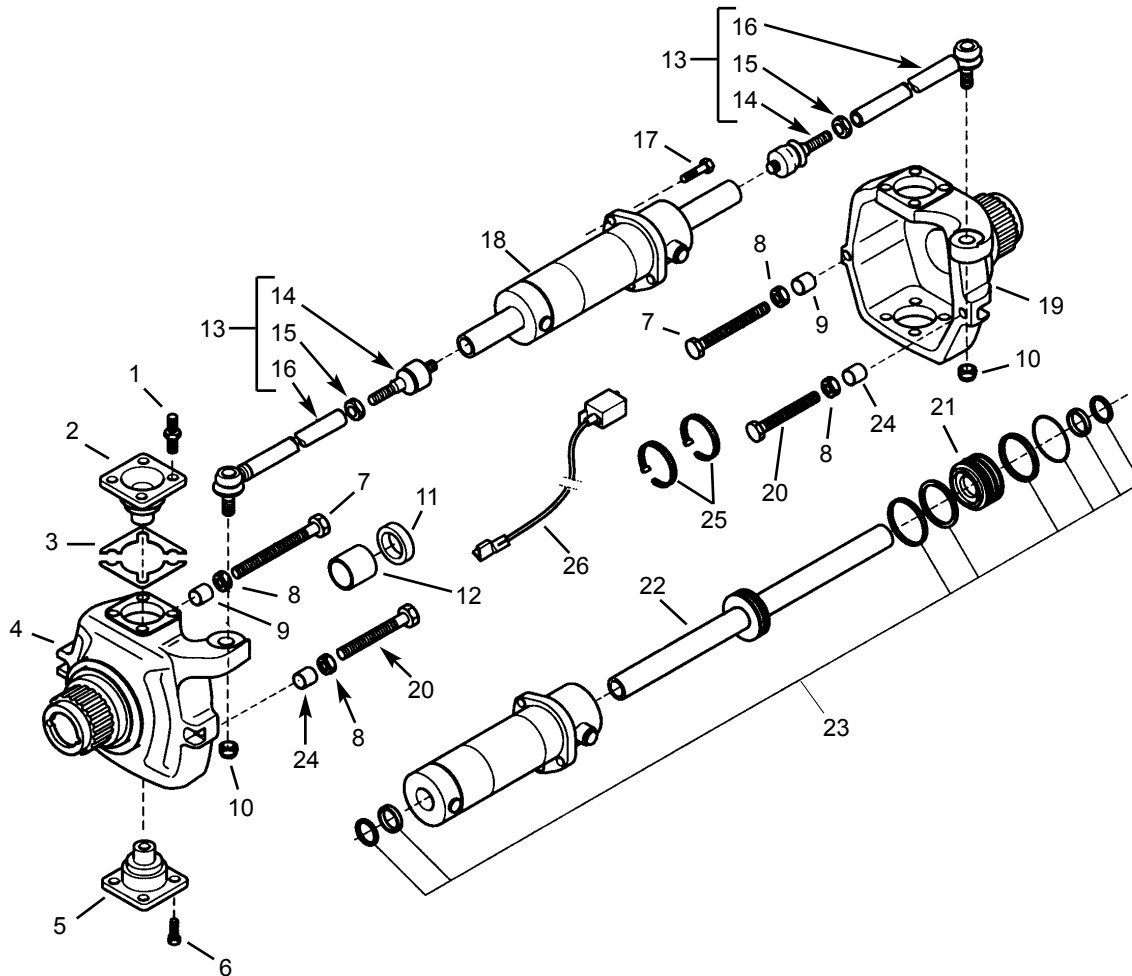
744 / 944 / 1155**Axle****Front and Rear - Housing**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				22	L500804	SEAL RING	2
01	L500787	LEG HOUSING	1	23	L500805	BEARING	2
		<i>[front axle (left), rear axle (right)]</i>		24	L500618	SEAL	2
02	L99615	PLUG M30 x 2	2			<i>(dimensions 48mmX65mmX16.5mm)</i>	
03	L99488	BREATHER M10 x 1	2	25	L99511	BUSHING	2
04	102324	BRAKE CYLINDER	1	26	L500806	BEARING	2
		<i>[front axle (left), rear axle (right)]</i>		27	L500807	SEAL RING	2
05	L500789	PLUG M24 x 1.5	2	28	L99478	BREATHER M10 x 1	1
06	L500790	PIN D16 x 40	4	29	L500808	BREATHER EXTENSION	1
07	L500791	PIN	6	30	L500809	SEAL RING	1
08	L99466	BUSHING	4	31	L500810	THRUST WASHER	1
09	L500792	SUPPORT	1	32	L99471	BUSHING	1
		<i>[front axle (rear), rear axle (front)]</i>		33	L500811	BUSHING	1
10	L500793	BOLT	1	34	L500812	BOLT	1
11	L99514	ZERK, GREASE M6 x 1	1	35	L99469	ZERK/GREASE M8x1	1
12	L500794	O-RING	1	36	L500813	SUPPORT	1
13	L500795	BUSHING	1			<i>[front axle (front), rear axle (rear)]</i>	
14	L500796	BUSHING	1	37	L500814	PLUG	2
15	L500797	THRUST WASHER	1	38	L500815	PIN D10 x 25	1
16	L500798	RING	1			<i>(front axle - only)</i>	
17	L500799	CENTRAL BODY	1	39	L500816	BRAKE CALIPER SUPPORT	1
18	102323	BRAKE CYLINDER	1			<i>(front axle - only)</i>	
		<i>[front axle (right), rear axle (left)]</i>		40	L500817	BOLT M10 x 35	6
19	L500801	BOLT M16x65	4			<i>(front axle - only)</i>	
20	L500802	BOLT M16x160	26	41	651599	M20-2.50 x 150 BOLT	4
21	L500803	LEG HOUSING	1	42	L50201	NUT, M20-2.5	4
		<i>[front axle (right), rear axle (left)]</i>		43	105238	BRAKE CALIPER ASY	1
						<i>(front axle - only)</i>	
						<i>(See Axle - Park Brake Caliper Asy. for more information.)</i>	

Axle

Mustang Telehandler

Front and Rear - Swivel Housing and Steer Cylinder



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Axle

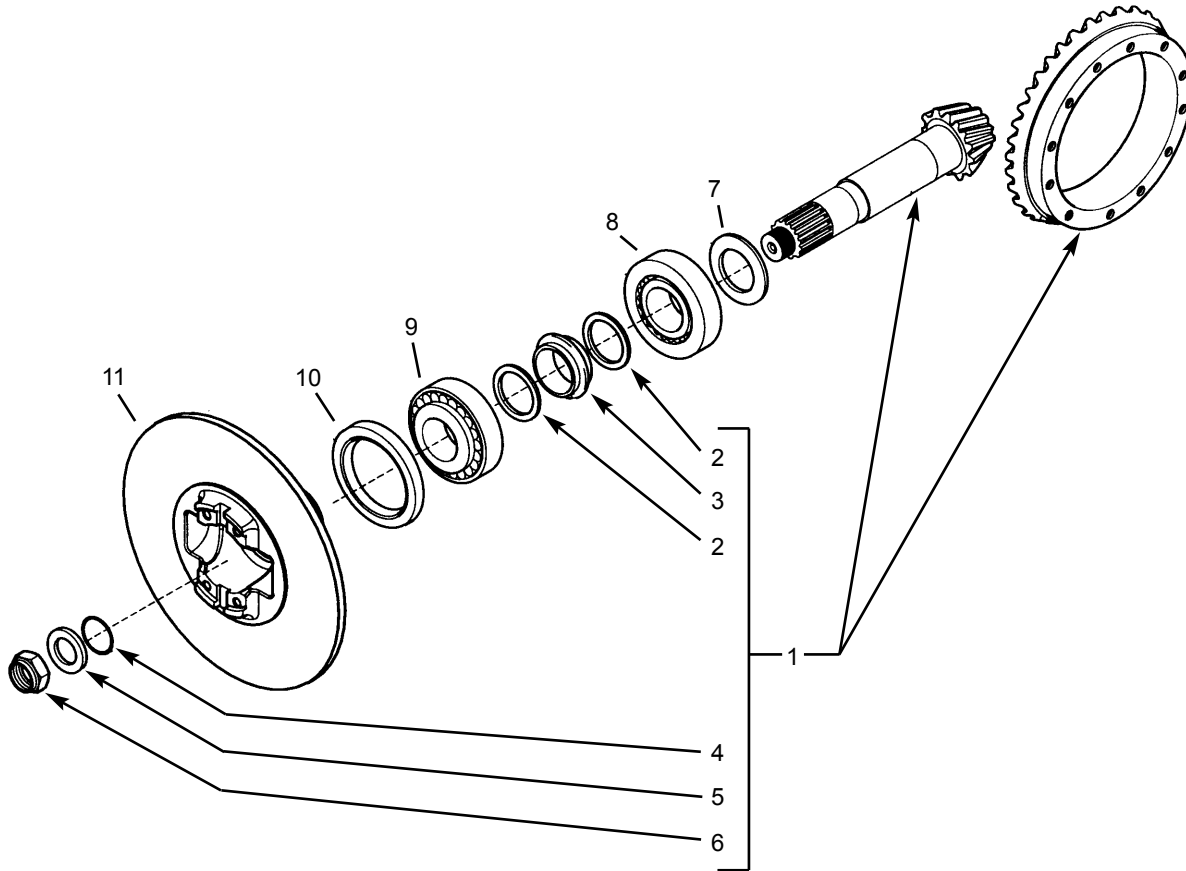
Front and Rear - Swivel Housing and Steer Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				14	L500829	BALL JOINT.	2
01	L500818	SPECIAL BOLT M16x38	8	15	L500830	NUT M28 x 1.5	2
02	L500819	UPPER KIN PIN	2	16	L500831	TIE ROD	2
03		SHIM.	AR	17	L500832	BOLT M16 x 45	3
	103483	0.15 mm		18		STEERING CYLINDER.	1
	103484	0.20 mm			L500833	(front axle)	
	103485	0.50 mm			L500905	(rear axle)	
04	103486	SWIVEL HOUSING	1	19	103487	SWIVEL HOUSING	1
		[front axle (left), rear axle (right)]				[front axle (right), rear axle (left)]	
05	L500822	LOWER KING PIN.	2	20	L500267	BOLT M16x100	2
06	L99513	BOLT M16 x 38	8	21	L99506	CYLINDER HEAD	1
07	L500823	BOLT M16 x 130	2	22	L500835	ROD.	1
08	L500266	NUT M16	4	23		SEAL KIT.	1
09	L500824	BUSHING	2		L500836	(front axle)	
10	L500825	NUT M27 x 1.5	2		L500906	(rear axle)	
11	L500826	SEAL RING	2	24	L500837	BUSHING	2
12	L500827	BUSHING	2	25	L99561	CLAMP (rear axle - only)	2
13	L500828	STEERING ARM ASSEMBLY	2	26	L99610	SENSOR (rear axle - only)	1

Axle

Mustang Telehandler

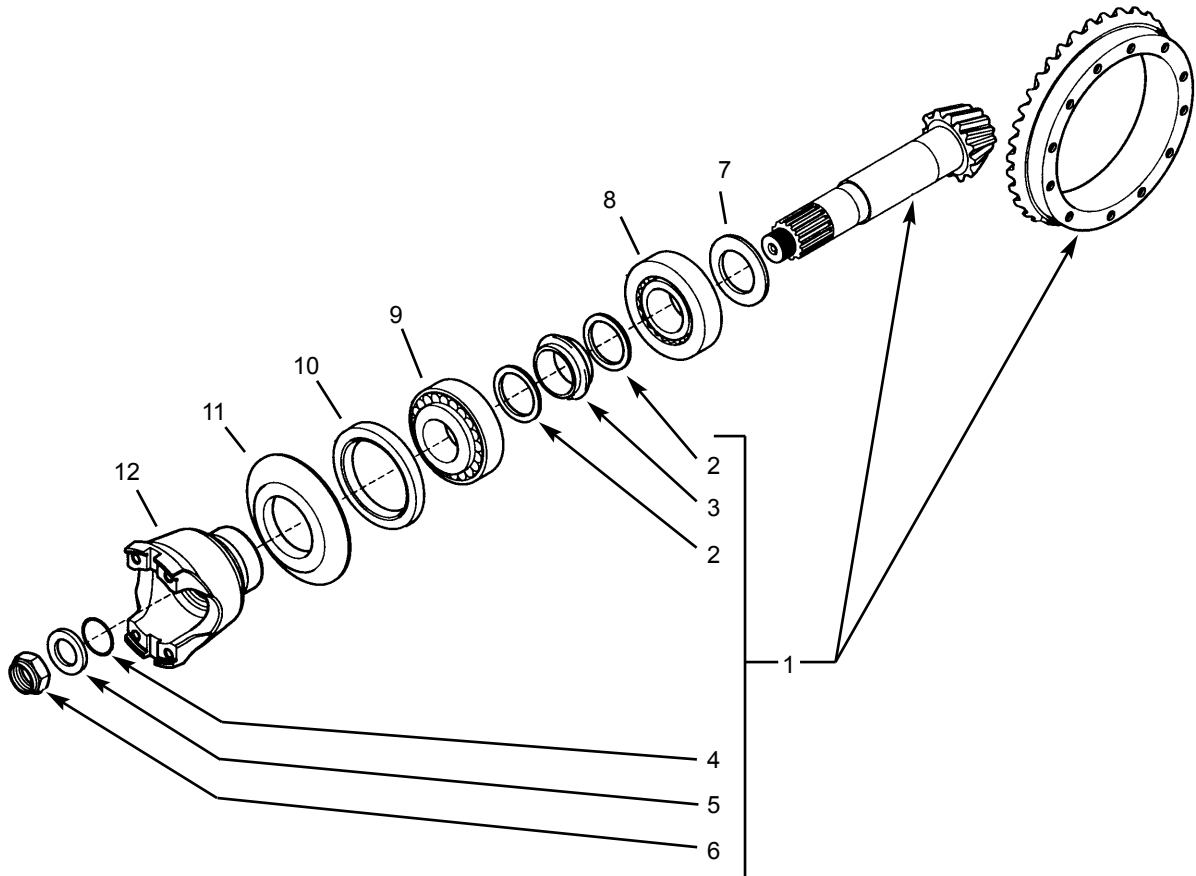
Front - Ring Gear and Pinion



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500838	BEVEL GEAR / PINION Z10/36 . . .	1	08	L500854	BEARING.	1
02	L500839	WASHER.	2	09	L500855	BEARING.	1
03	L500840	COLLAPSIBLE SPACER.	1	10	L500856	SEAL RING	1
04	L500841	O-RING	1	11	L500857	FLANGE	1
05	L500842	WASHER.	1				
06	L500843	NUT M30x2	1				
07	L500844	SHIM 2.5 mm	AR				
	L500845	SHIM 2.6 mm	AR				
	L500846	SHIM2.7mm	AR				
	L500847	SHIM 2.8 mm	AR				
	L500848	SHIM 2.9 mm	AR				
	L500849	SHIM 3.0 mm	AR				
	L500850	SHIM 3.1 mm	AR				
	L500851	SHIM 3.2 mm	AR				
	L500852	SHIM 3.3 mm	AR				
	L500853	SHIM 3.4 mm	AR				

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Axle Rear - Ring Gear and Pinion

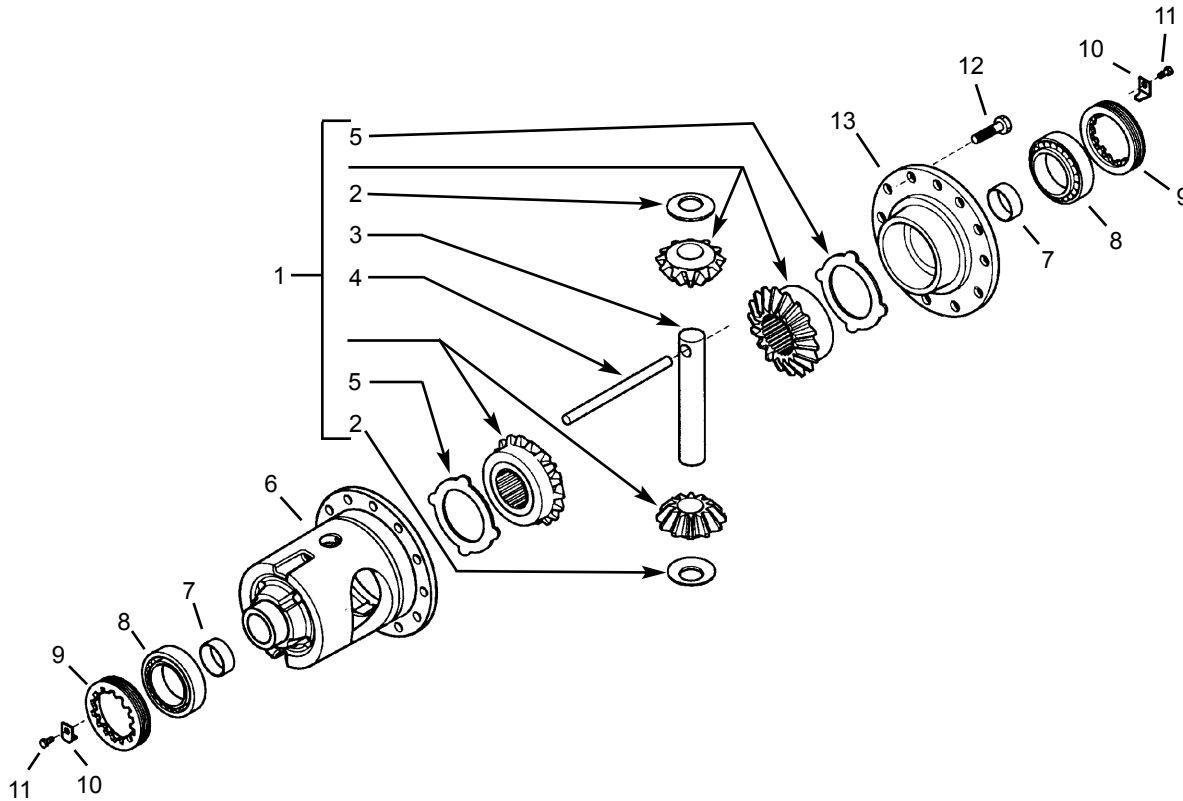


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500907	BEVEL GEAR / PINION Z10/36 ...	1	08	L500854	BEARING.	1
02	L500839	WASHER.	2	09	L500855	BEARING.	1
03	L500840	COLLAPSIBLE SPACER.	1	10	L500856	SEAL RING.	1
04	L500841	O-RING.	1	11	L500908	PROTECTING COVER.	1
05	L500842	WASHER.	1	12	L500909	FLANGE.	1
06	L500843	NUT M30x2.	1				
07	L500844	SHIM 2.5 mm.	AR				
	L500845	SHIM 2.6 mm.	AR				
	L500846	SHIM 2.7 mm.	AR				
	L500847	SHIM 2.8 mm.	AR				
	L500848	SHIM 2.9 mm.	AR				
	L500849	SHIM 3.0 mm.	AR				
	L500850	SHIM 3.1 mm.	AR				
	L500851	SHIM 3.2 mm.	AR				
	L500852	SHIM 3.3 mm.	AR				
	L500853	SHIM 3.4 mm.	AR				

Axle

Mustang Telehandler

Front and Rear - Differential

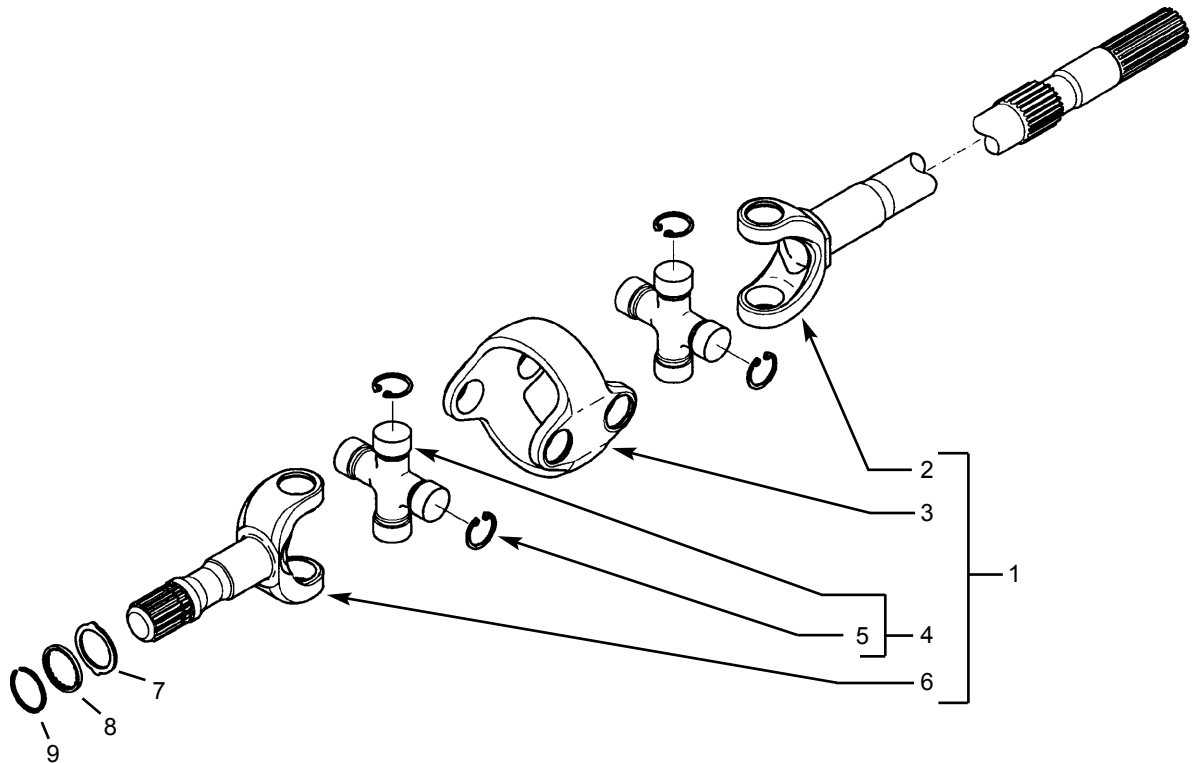


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				07	L500864	BUSH.....	2
01	L500858	DIFFERENTIAL KIT.....	1	08	L500865	BEARING.....	2
02	L500859	THRUST WASHER.....	2	09	L500866	RING NUT.....	2
03	L500860	PIN.....	1	10	L500867	LOCKING PLATE.....	2
04	L500861	PIN D7 x 124.....	1	11	L99547	BOLT M6 x 10.....	2
05	L500862	COUNTER DISC.....	2	12	L500868	BOLT.....	12
06	L500863	DIFFERENTIAL HOUSING.....	1	13	L500869	DIFF. HOUSING COVER.....	1

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Axle

Front and Rear - Axle Shaft

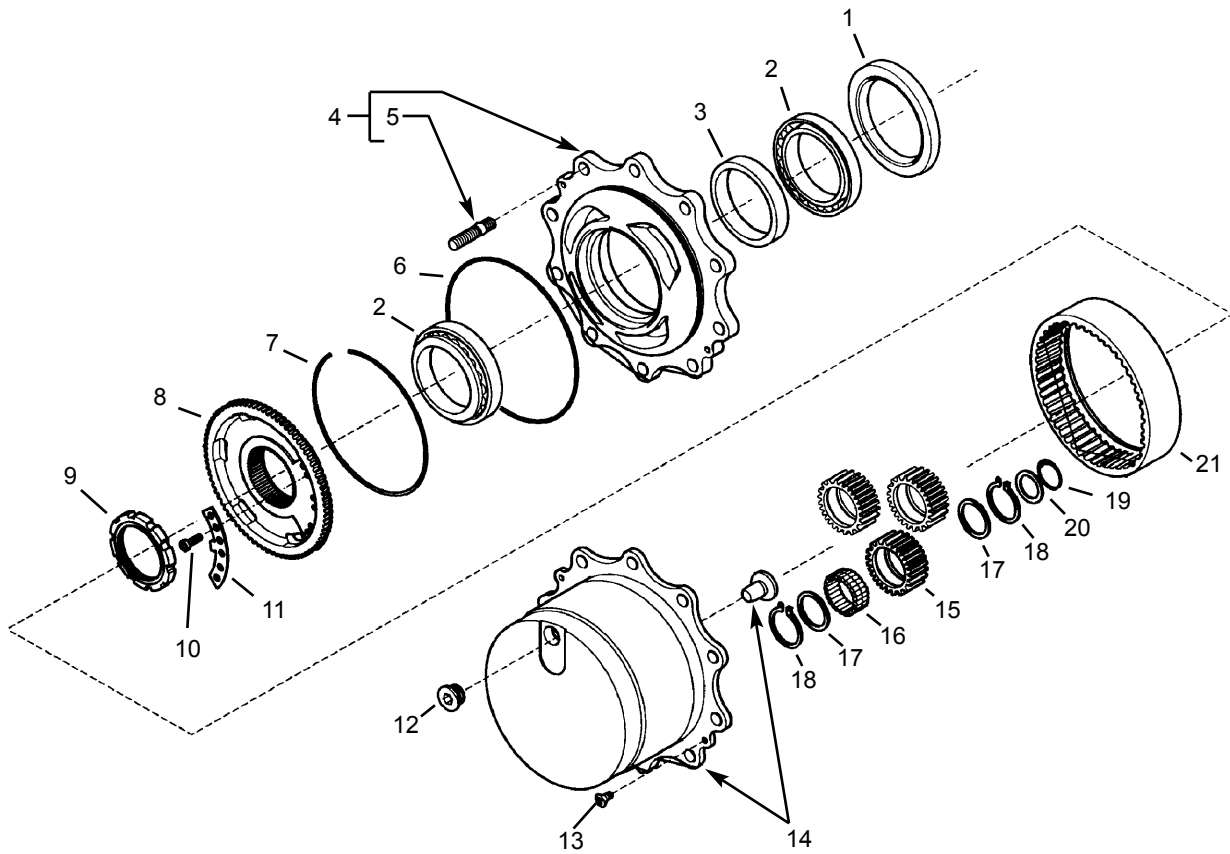


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				05	L500874	LOCK RING.....	16
01	L500870	DOUBLE JOINT	2	06	L500875	FORK (<i>wheel rim side</i>)	2
02	L500871	FORK (<i>differential side</i>).....	2	07	L500876	THRUST WASHER.....	2
03	L500872	CENTRAL BODY.....	2	08	L500877	WASHER.....	2
04	L500873	SPIDER.....	4	09	L500878	LOCK RING.....	2

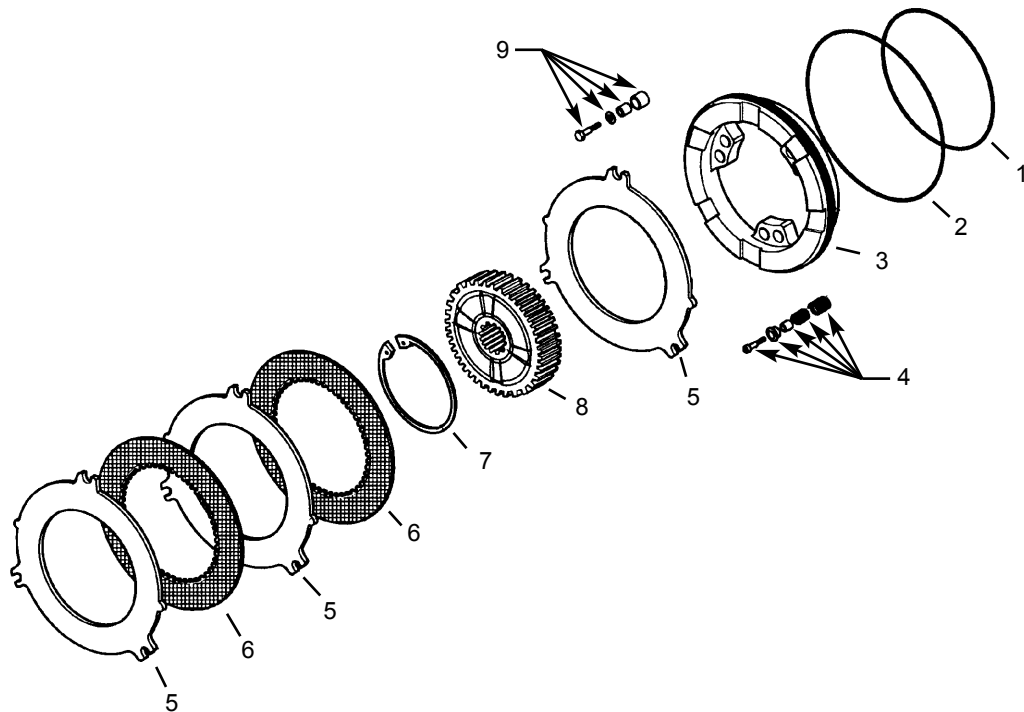
Axle

Mustang Telehandler

Front and Rear - Wheel Hub and Planetary



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				11	L500896	LOCKING PLATE	2
01	L500786	SEAL RING	2	12	L99615	PLUG M30 x 2	2
02	L500889	BEARING	4	13	L97616	BOLT	4
03	L500890	SPACER	2	14	L500897	PLANETARY CARRIER ASY	2
04	L500891	WHEEL HUB KIT	2	15	L500898	GEAR Z=31	6
05	L99584	STUD	20	16	L500899	BEARING	6
06	L99586	O-RING	2	17	L500900	THRUST WASHER	12
07	L500892	LOCK RING	2	18	L500901	SNAP RING D72	12
08	L500893	WHEEL CARRIER	2	19	L500902	SNAP RING D50	6
09	L500894	RING NUT M90 x 2	2	20	L500903	THRUST WASHER	6
10	L500895	BOLT M10x12	6	21	L500904	CROWN GEAR Z=81	2

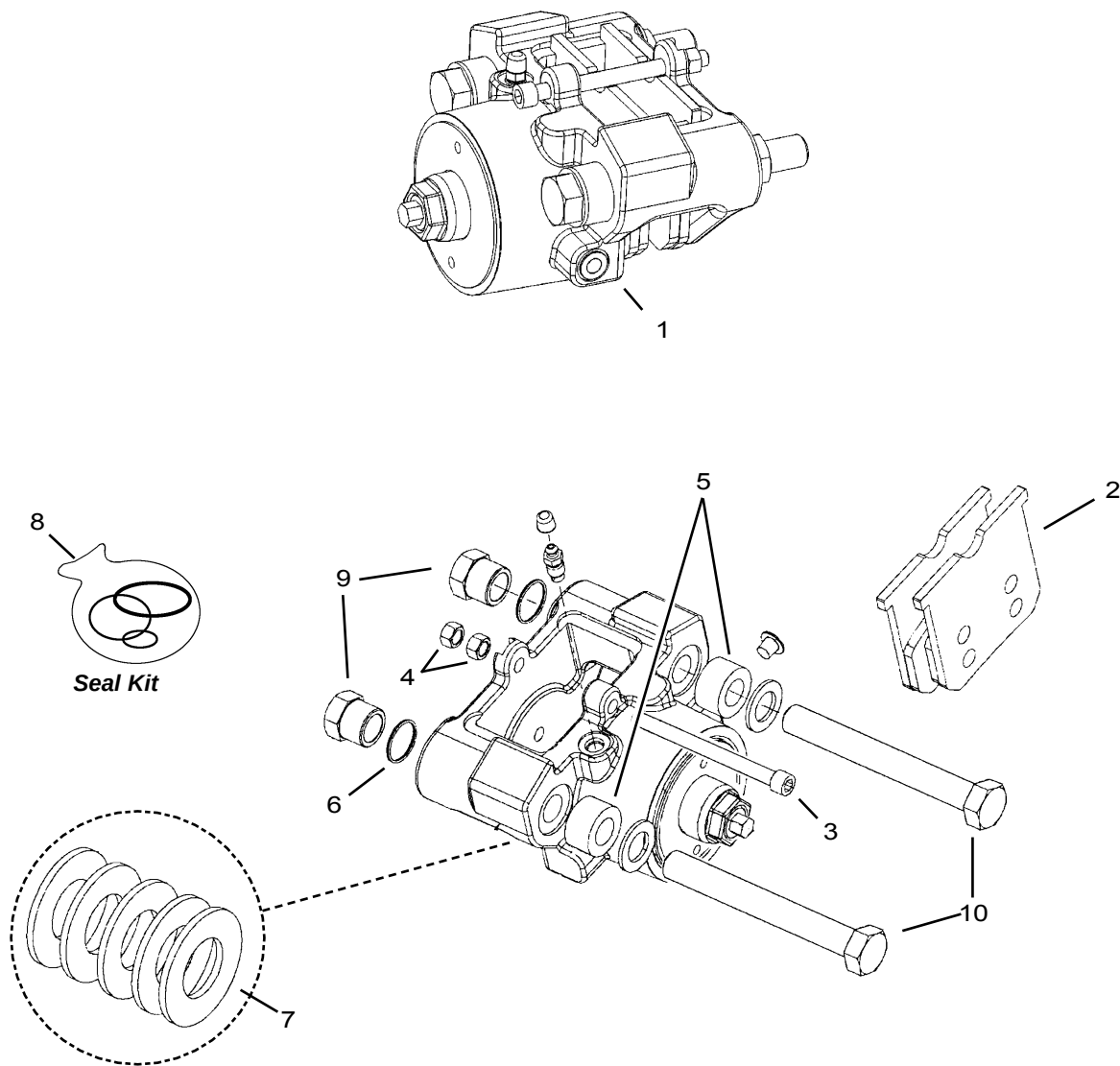


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle.				05	L500883	BRAKE COUNTER DISK	6
01	L500879	O-RING	2	06	L500884	BRAKE DISC	4
02	L500880	O-RING	2	07	L500885	SNAP RING D150	2
03	L500881	BRAKE PISTON	2	08	L500886	HUB	2
04	L500882	SELF-ADJUST KIT	2	09	L500887	SELF-ADJUST KIT	2

Axle

Parking Brake Caliper Assembly

Mustang Telehandler



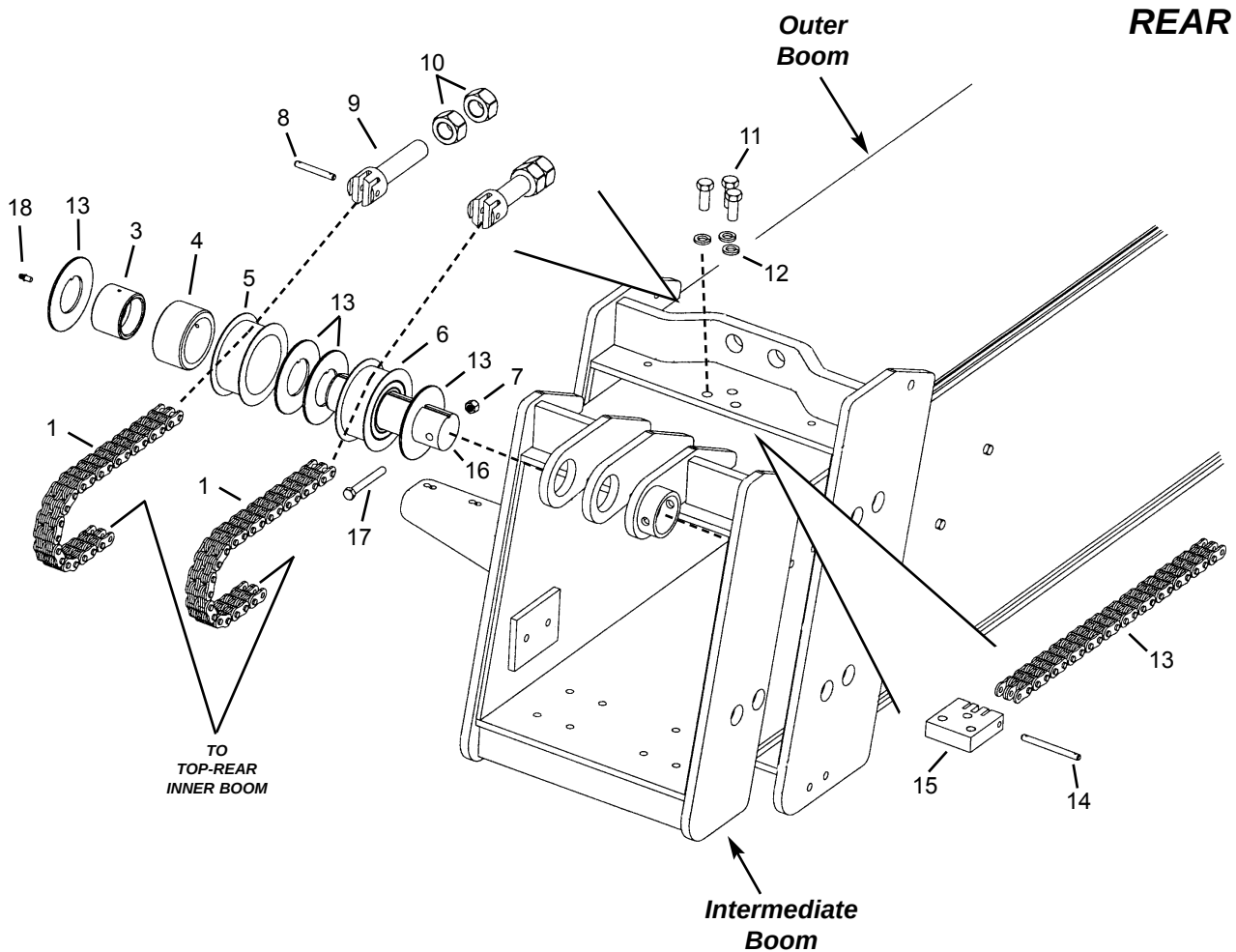
744 / 944 / 1155
Axle
Parking Brake Caliper Assembly

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105238	PARKING BRAKE CALIPER	1	08	105271	SEAL KIT <i>(items in kit not shown)</i> . .	1
02	L500941	BRAKE PAD KIT	1	09	105261	JAMNUT / SLEEVE 3/4"-10	2
		<i>(includes items 2-4)</i>		10	651719	BOLT, 3/4"-10 x 6" GR8.	2
03	NSS	BOLT <i>(included with item 2)</i>	1			-- ITEMS NOT SHOWN --	
04	NSS	NUT <i>(included with item 2)</i>	2				
05	L500942	URETHANE SPRING KIT	1	00	105234	OVERHAUL KIT	1
		<i>(consists of two urethane bushings)</i>				<i>(overhaul kit includes items 2-8)</i>	
06	NSS	O-RING <i>(included with item 8)</i>	2				
07	NSS	DISC SPRINGS.	5				

Boom - Three-Section High

Front - Boom Chain-Drive Assembly

Mustang Telehandler



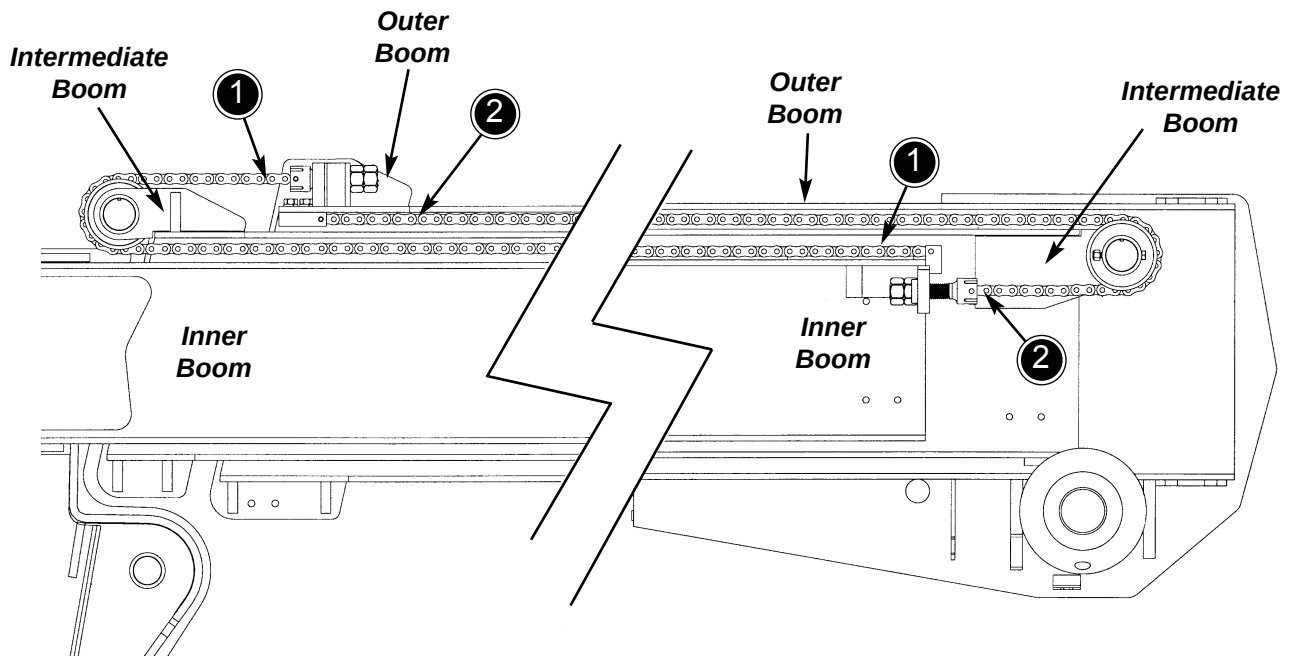
744 / 944 / 1155

Boom - Three-Section High Front - Boom Chain-Drive Assembly

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a		LEAF CHAIN	2	12	654030	1/2" LOCK WASHER	3
	L69249	40' BOOM (257 Pitches - 192-3/4")		13	L71205	CHAIN SHEAVE WASHER	4
	L69256	44' BOOM (277 Pitches - 207-3/4")		14	L64468	PIN, LEAF CHAIN	1
02 ^a		LEAF CHAIN	1		L560003	3/32" x 1-1/4" COTTER PIN	2
	L69249	40' BOOM (257 Pitches - 192-3/4")		15	L64384	CLEVIS, REMOVABLE	1
	L69256	44' BOOM (277 Pitches - 207-3/4")		16	L71204	PIN, CHAIN SHEAVE	1
03	L49619	INNER RING	2	17	650818	3/8" x 3" BOLT	1
04	L49618	ROLLER BEARING	2	18	L10465	GREASE ZERK	1
05	L64630	CHAIN SHEAVE	2				
06	NSS	CHAIN SHEAVE ASSEMBLY NA (order one of each: items 3-5)					
07	L520005	3/8" NYLON INSERT NUT	1				
08	L64466	PIN, ADJUSTABLE CLEVIS	2				
	L560003	3/32" x 1-1/4" COTTER PIN	4				
09	L64359	CLEVIS, ADJUSTABLE	2				
10	L50092	1" NUT	4				
11	L50380	1/2" x 1-1/4" BOLT GR8	3				

^a The three-section boom uses a total of three chains, all of which are identified on this page and the next page. When ordering boom chains, be careful to not duplicate these quantities.

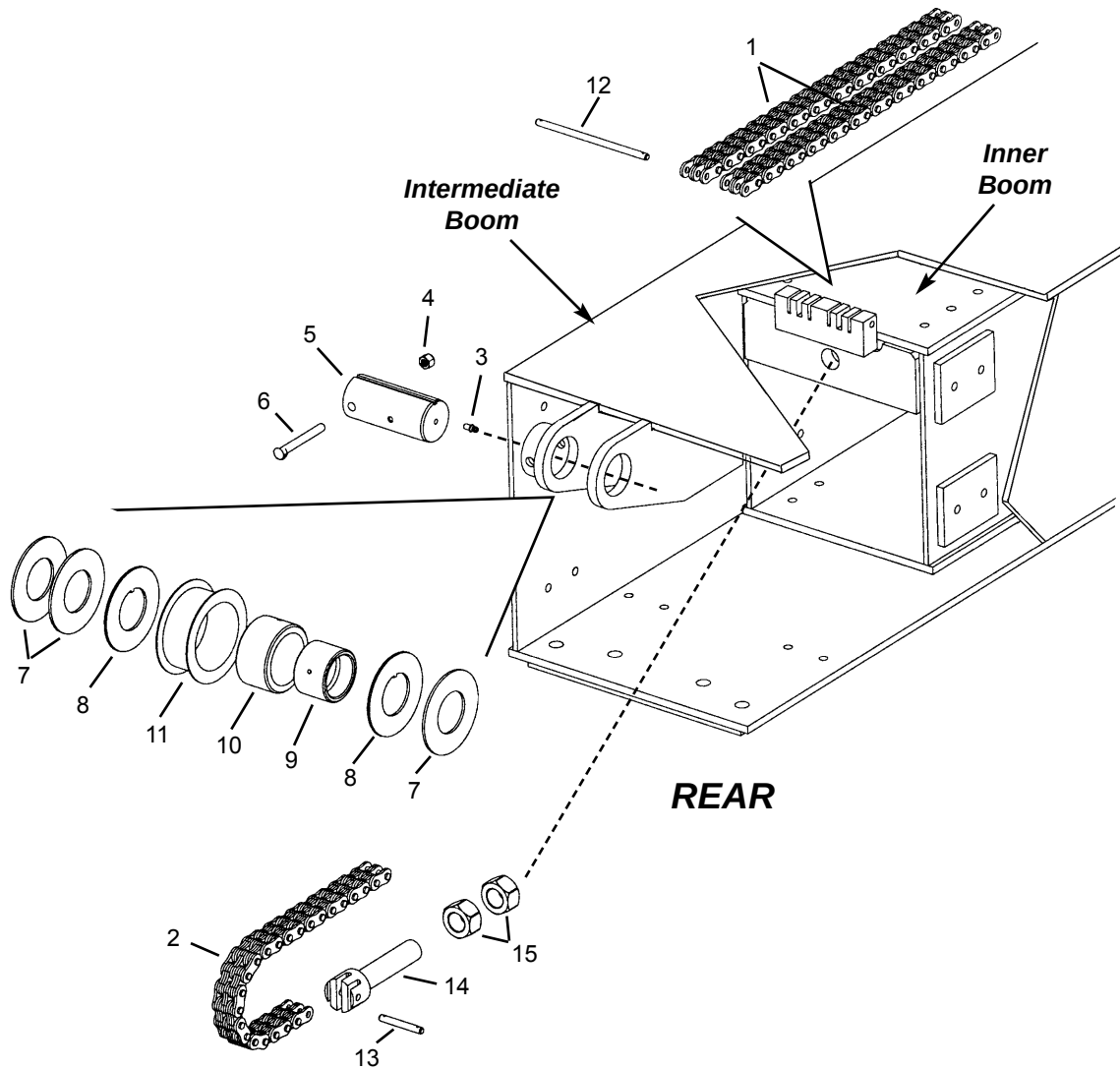
Three-Section Boom



Boom - Three-Section High

Rear - Boom Chain-Drive Assembly

Mustang Telehandler



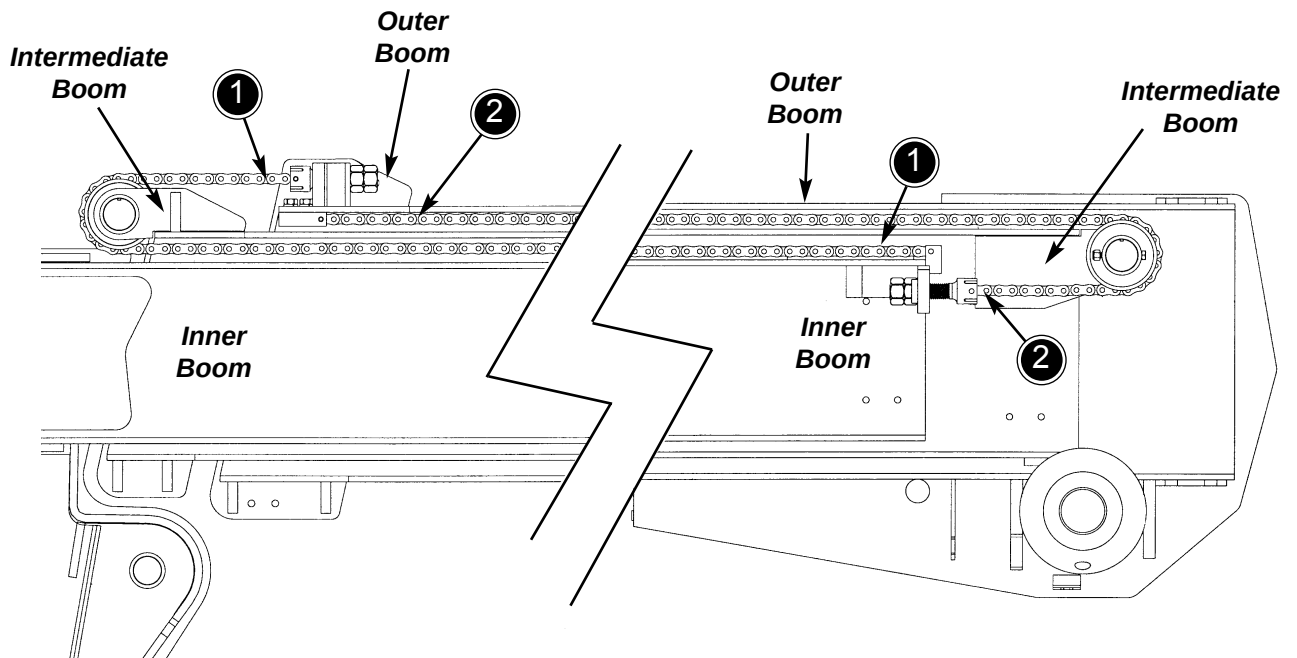
744 / 944 / 1155

Boom - Three-Section High Rear - Boom Chain-Drive Assembly

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	L69256	LEAF CHAIN	2	11	L64360	CHAIN SHEAVE	1
		44' BOOM (277 Pitches - 207-3/4")		12	L64467	PIN, FIXED CLEVIS	1
02 ^a	L69256	LEAF CHAIN	1		L560003	3/32" x 1-1/4" COTTER PIN	2
		44' BOOM (277 Pitches - 207-3/4")		13	L64466	CLEVIS PIN.	1
03	L10465	1/4"-28 ZERK, STR	1	14	L64359	ADJUSTABLE CLEVIS	1
04	L520005	3/8"-16 NYLON INSERT NUT	1	15	L50092	1"-8 NUT	2
05	L71206	PIN, SHEAVE	1				
06	650818	3/8"-16 x 3" BOLT	1				
07	L400207	THRUST WASHER	3				
08	L71205	CHAIN SHEAVE WASHER	2				
09	L49619	INNER RING	1				
10	L49618	ROLLER BEARING	1				

a The three-section boom uses a total of three chains, all of which are identified on this page and the previous page. When ordering boom chains, be careful to not duplicate these quantities.

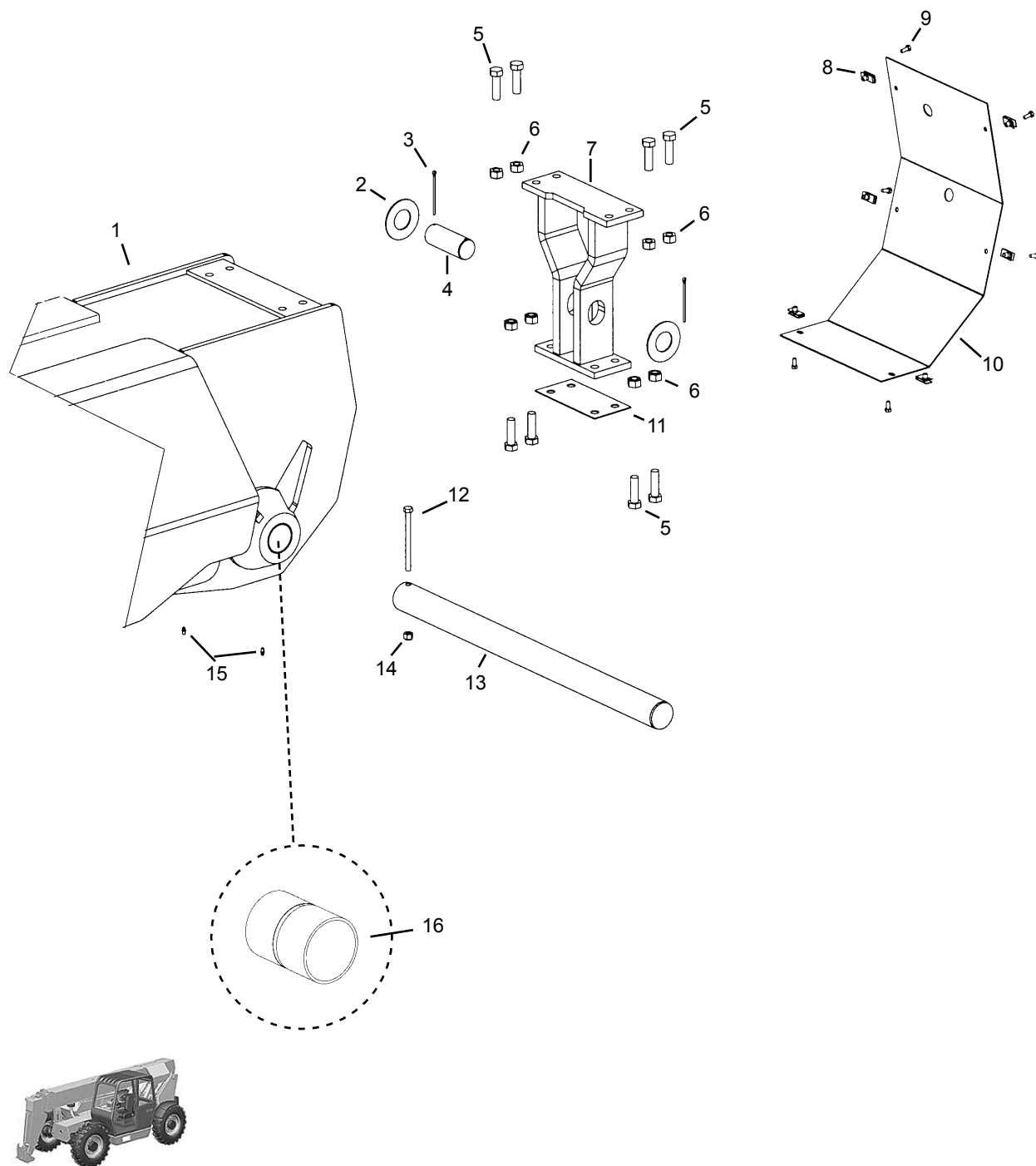
Three-Section Boom



Boom - Three-Section High

Outer Boom - Rear Section

Mustang Telehandler



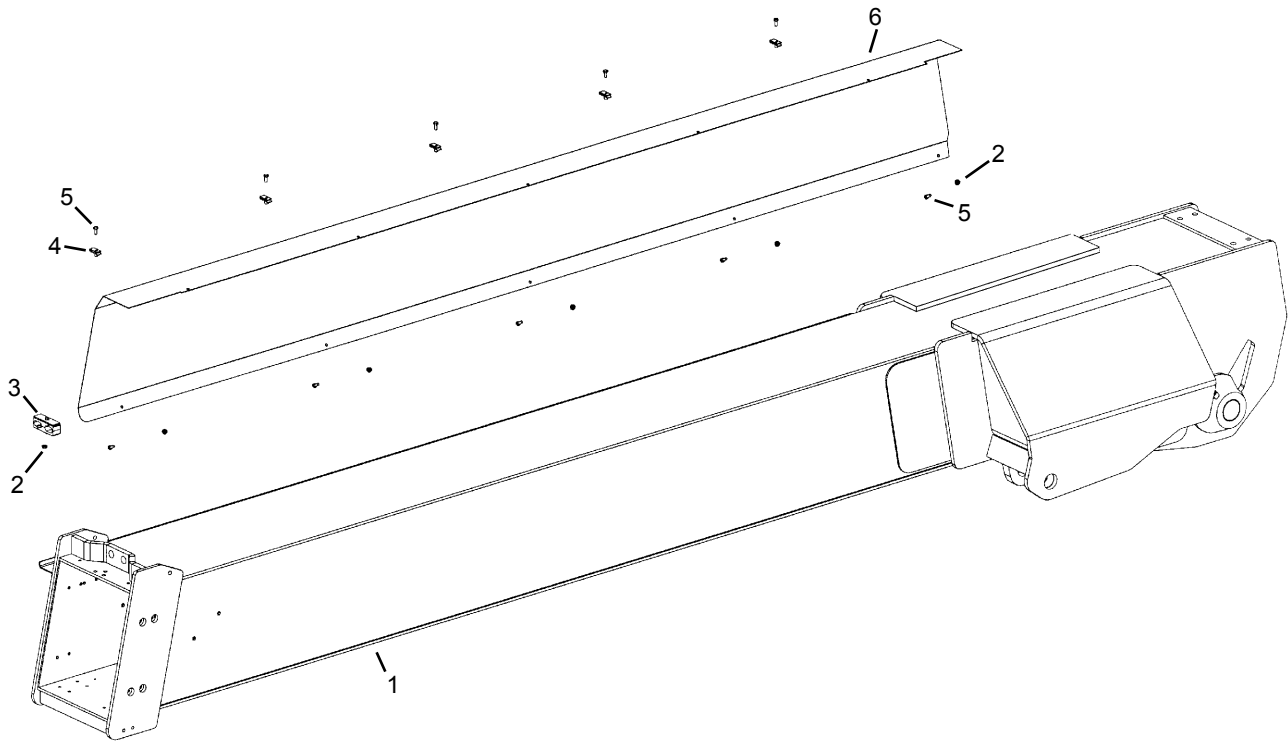
744 / 944 / 1155**Boom - Three-Section High*****Outer Boom - Rear Section***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69255	OUTER BOOM WELDMNT 1 <i>44" High Boom</i>		09	650486	5/16"-18 x 3/4" BOLT 6	
02	L400207	THRUST WASHER 2		10	L69534	REAR BOOM COVER 1	
03	L50608	3/16" x 4" COTTER PIN 2		11	L70420	TRUNION SHIM 1	
04	L69994	EXTEND CYLINDER PIN 1		12	L50463	1/2"-13 x 6" BOLT 1	
05	L50956	3/4"-10 x 2-1/2" BOLT 8		13	L69474	BOOM PIVOT PIN 1	
06	L50519	3/4"-10 NYLON INSERT NUT 8		14	L520019	1/2"-13 NYLON INSERT NUT 1	
07	L69480	EXT. CYL. MOUNT WLDMNT 1		15	L10465	1/4"-28 ZERK, STRAIGHT 2	
08	L530004	5/16" CLIP RETAINING NUT 6		16	L69492	BUSHING, PIVOT PIN 2	

Boom - Three-Section High

Outer Boom - Side Cover

Mustang Telehandler



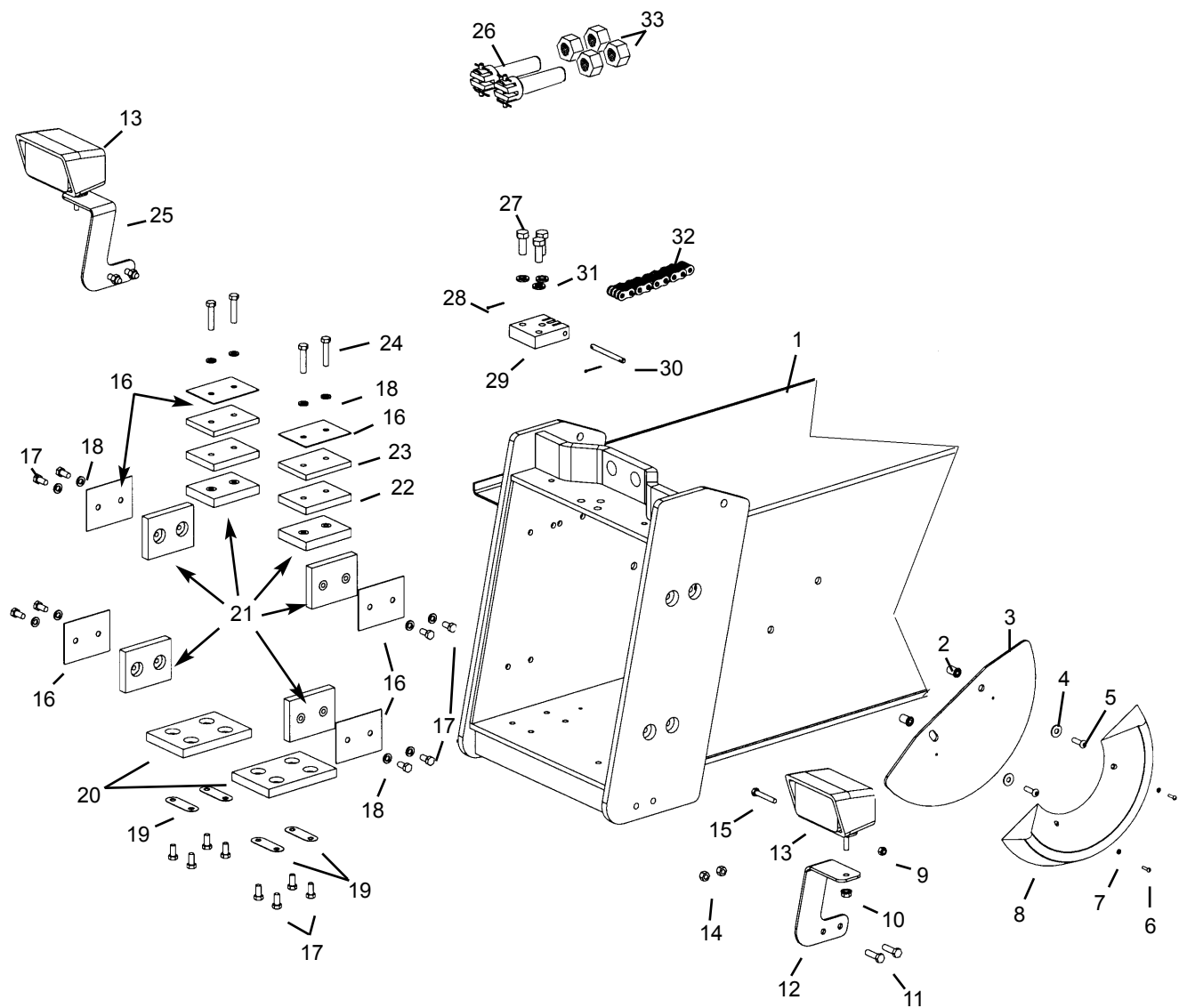
744 / 944 / 1155**Boom - Three-Section High**
Outer Boom - Side Cover

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69255	OUTER BOOM WELDMENT	1	05	650486	5/16"-18 x 3/4" BOLT	10
		<i>44' High Boom</i>		06	L69532	OUTER SIDE COVER.	1
02	L50056	5/16" FLARE NUT	6			<i>44' High Boom</i>	
03	L79167	HOSE CLAMP ASSEMBLY	1				
04	L530004	5/16" CLIP RETAINING NUT.	5				

Boom - Three-Section High

Outer Boom - Front Section

Mustang Telehandler



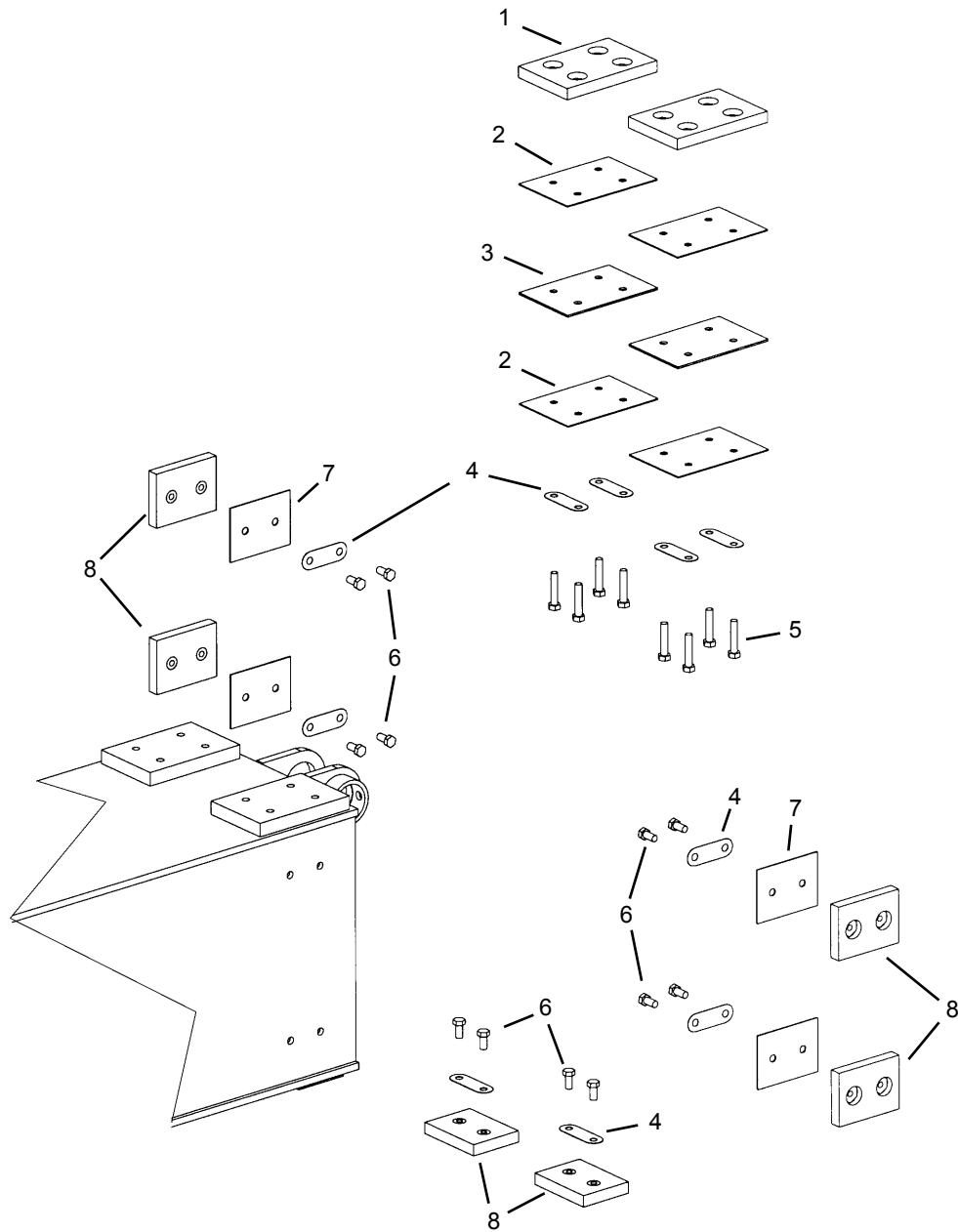
744 / 944 / 1155**Boom - Three-Section High****Outer Boom - Front Section**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69255	OUTER BOOM WELDMENT 1		20	L61708	SLIDE PAD 2	
		<i>44' High Boom</i>		21	L61709	SLIDE PAD 6	
02	L70242	5/16"-18 NUT INSERT 2		22	L64143	0.50" x 3" x 4" SHIM 2	
03	L65640	BOOM ANGLE IND. PLATE 1		23	L64132	3/8" PAD SPACER 2	
04	654004	5/16" FLAT WASHER 2		24	650579	3/8"-16 x 1-3/4" BOLT 4	
05	L52048	5/16"-18 x 1" BUTTON HD BOLT . . . 2		25	L70635	BOOM LIGHT BRACKET (<i>right</i>) . . . 1	
06	L50491	#8 x 5/8" RND HD MACH SCREW . 2		26	L64359	ADJUSTABLE CLEVIS (<i>only</i>) 2	
07	650549	#10 LOCK WASHER 2				(<i>order separately, the following:</i>)	
08	L65638	INCLINOMETER - ANGLE IND. . . . 1			L64466	CLEVIS PIN 2	
09	L520004	5/16"-18 NYLON INSERT NUT 2			L560003	3/32" x 1-1/4" COTTER PIN 4	
10	090666	3/8"-16 FLARE NUT 2		27	L50380	1/2-20" x 1-1/4" GRD 8 BOLT 3	
11	651625	3/8"-16 x 1-1/4" BOLT 4		28	L560003	3/32" x 1-1/4" COTTER PIN 2	
12	L70639	BOOM LIGHT BRACKET (<i>left</i>) 1		29	L64384	CLEVIS 1	
13	L70040	WORK LIGHT 2		30	L64468	CHAIN PIN 1	
	L70462	LIGHT HARNESS (<i>not shown</i>) 1		31	654030	1/2" LOCK WASHER 3	
14	L520005	3/8"-16 NYLON INSERT NUT 4		32 ^a	L69256	LEAF CHAIN 3	
15	650568	5/16"-18 x 2" BOLT 2				<i>44' High Boom</i>	
16	L62733	0.06" x 3" x 4" SHIM 6		33	L50092	1"-8 NUT 4	
17	650488	3/8"-16 x 3/4" BOLT 16					
18	654026	3/8" LOCK WASHER 12					
19	L62715	FLAT-BOLT LOCK 4					
				a	This parts manual shows the same chain(s) on multiple pages. Before ordering chains, avoid ordering the incorrect chain(s) or incorrect quantities.		

Boom - Three-Section High

Intermediate Boom - Rear Section

Mustang Telehandler



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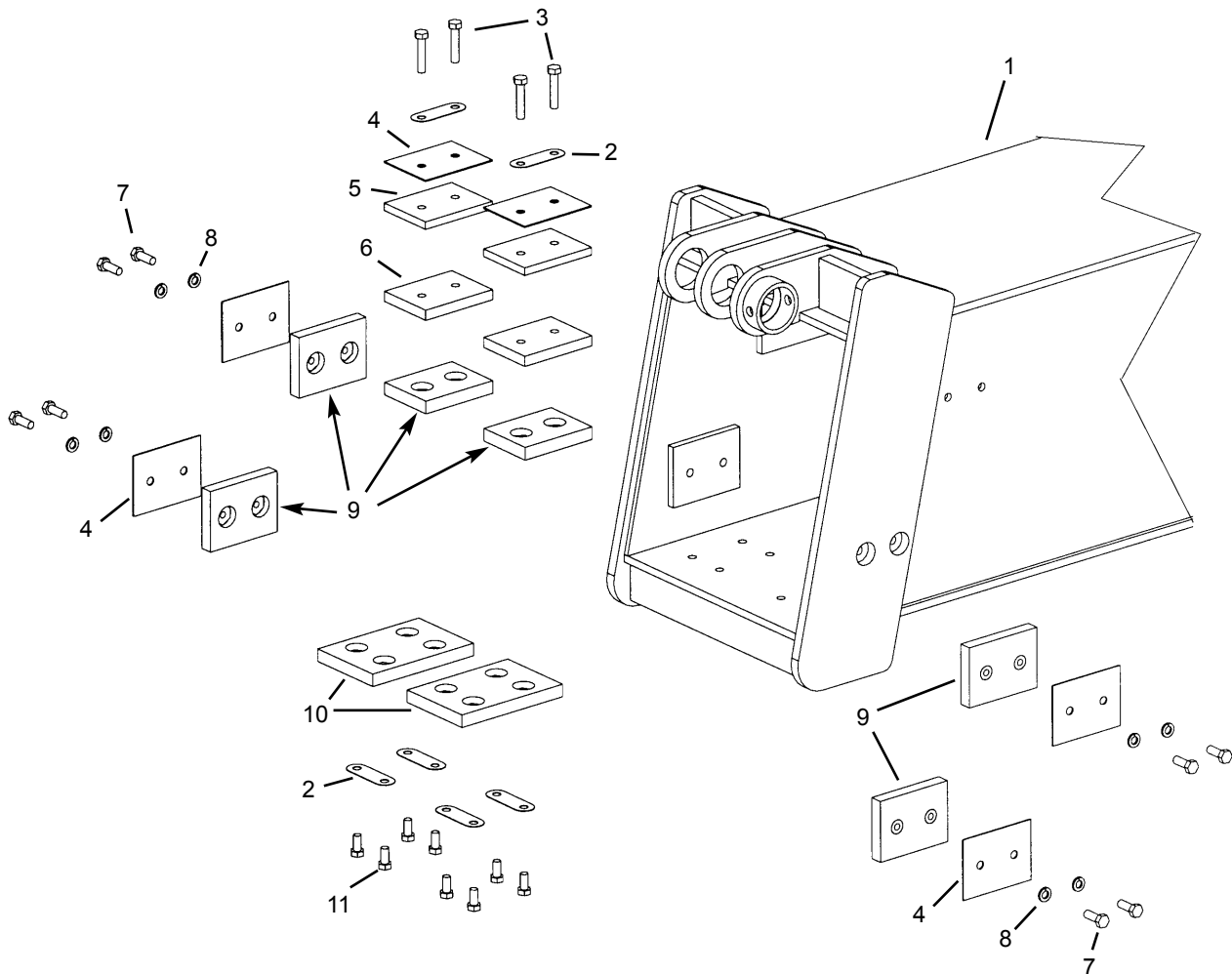
Boom - Three-Section High
Intermediate Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L61708	SLIDE PAD	2	05	650579	3/8"-16 x 1-3/4" BOLT	8
02	L62731	0.06" x 3" x 4" SHIM	4	06	650488	3/8"-16 x 3/4" BOLT.....	12
03	L62732	0.105" x 4" x 6" SHIM.....	2	07	L62733	0.06" x 3" x 4" SHIM	4
04	L62715	FLAT-BOLT LOCK.....	10	08	L61709	SLIDE PAD	6

Boom - Three-Section High

Intermediate Boom - Front Section

Mustang Telehandler



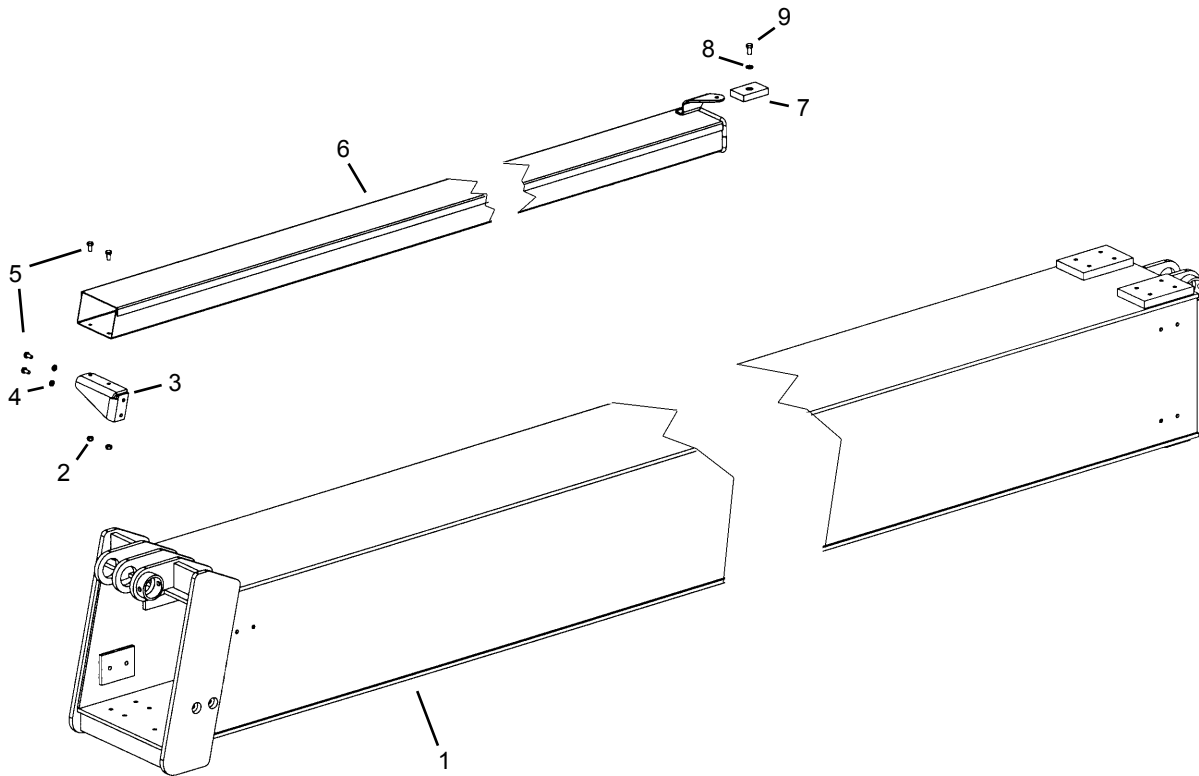
744 / 944 / 1155**Boom - Three-Section High**
Intermediate Boom - Front Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L71220	INTERMEDIATE WELDMENT. . . . 1 <i>44' High Boom</i>		07	650490	3/8"-16 x 1" BOLT 8	
02	L62715	FLAT-BOLT LOCK 6		08	654026	3/8" LOCK WASHER. 8	
03	650579	3/8"-16 x 1-3/4" BOLT 4		09	L61709	SLIDE PAD 6	
04	L62733	0.06" x 3" x 4" SHIM 6		10	L61708	SLIDE PAD 2	
05	L64132	3/8" PAD SPACER. 2		11	650488	3/8"-16 x 3/4" BOLT. 8	
06	L64143	0.50" x 3" x 4" SHIM 2					

Boom - Three-Section High

Intermediate Boom - Hose Tray

Mustang Telehandler



744 / 944 / 1155**Boom - Three-Section High**
Intermediate Boom - Hose Tray

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L71220	INTERMEDIATE WELDMENT 1 <i>44" High Boom</i>		06	L69511	TRAY WELDMENT 1 <i>44' High Boom</i>	
02	L520004	5/16"-18 NYLON INSERT NUT 2		07	L61699	SLIDE PAD 1	
03	L69524	TRAY BRACKET 1		08	654026	3/8" LOCK WASHER 1	
	L68349	PLATE, CUSHION MNT (<i>weld on</i>)		09	650488	3/8"-16 x 3/4" BOLT 1	
04	654024	5/16" LOCK WASHER 2		10	L50056	5/16"-18 FLARE NUT 1	
05	650485	5/16"-18 x 5/8" BOLT 4					

Mustang Telehandler



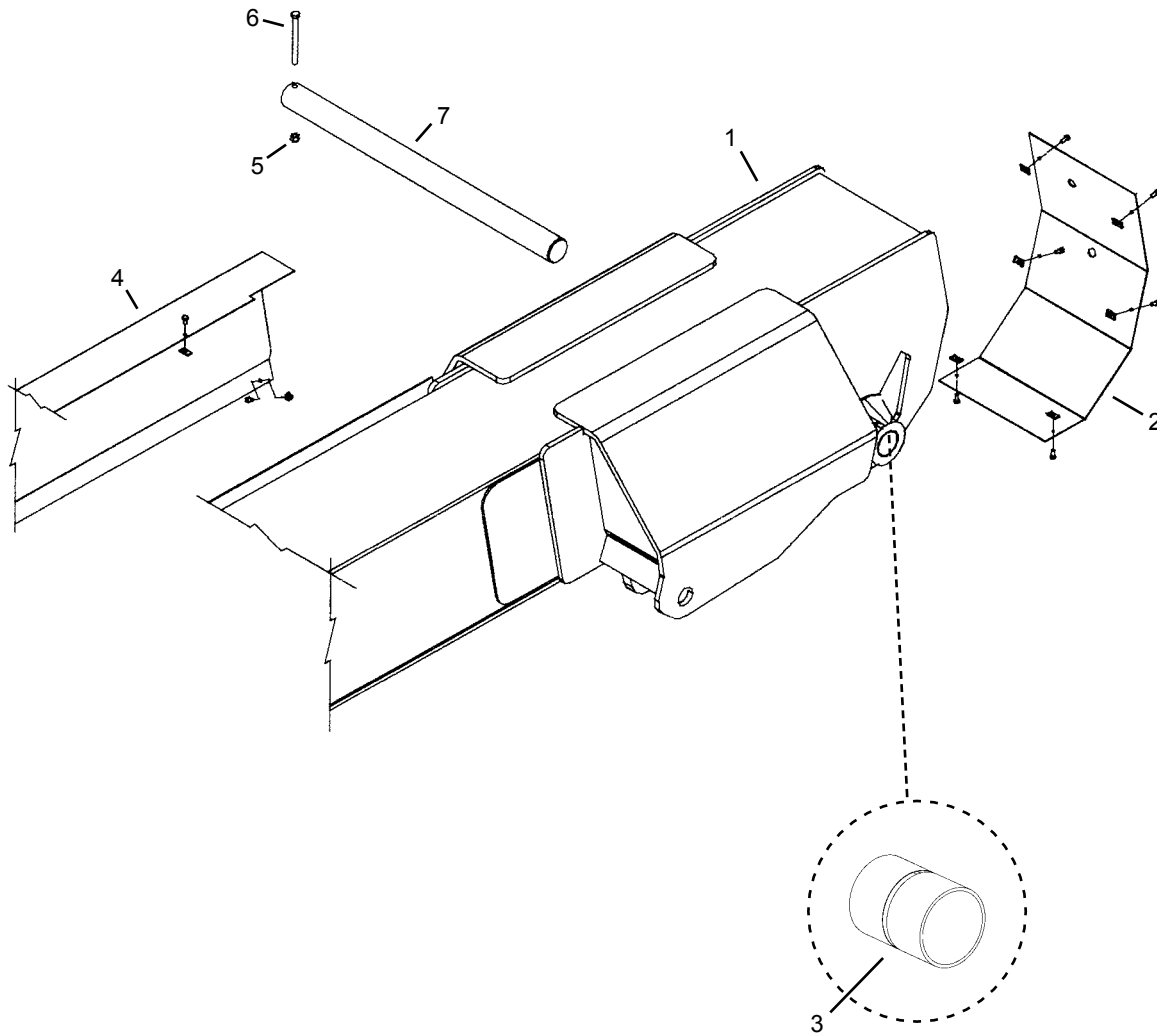
744 / 944 / 1155**Boom - Three-Section High*****Inner Boom - Rear Section***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L61709	SLIDE PAD	6	07	L66780	SLIDE PAD	2
02	L62733	0.06" x 3" x 4" SHIM	4	08	L66782	0.06" x 3" x 8" SHIM	4
03	L62715	FLAT-BOLT LOCK	10	09	L66783	0.105" x 3" x 8" SHIM	2
04	650490	3/8"-16 x 1" BOLT	8	10	650533	3/8"-16 x 1-1/2" BOLT	8
05	L64467	PIN, CHAIN REAR LOW INNER...	1	11	650488	3/8"-16 x 3/4" BOLT.....	4
06	L560003	3/32" x 1-1/4" COTTER PIN	2				

Boom - Four-Section High

Outer Boom - Rear Section

Mustang Telehandler



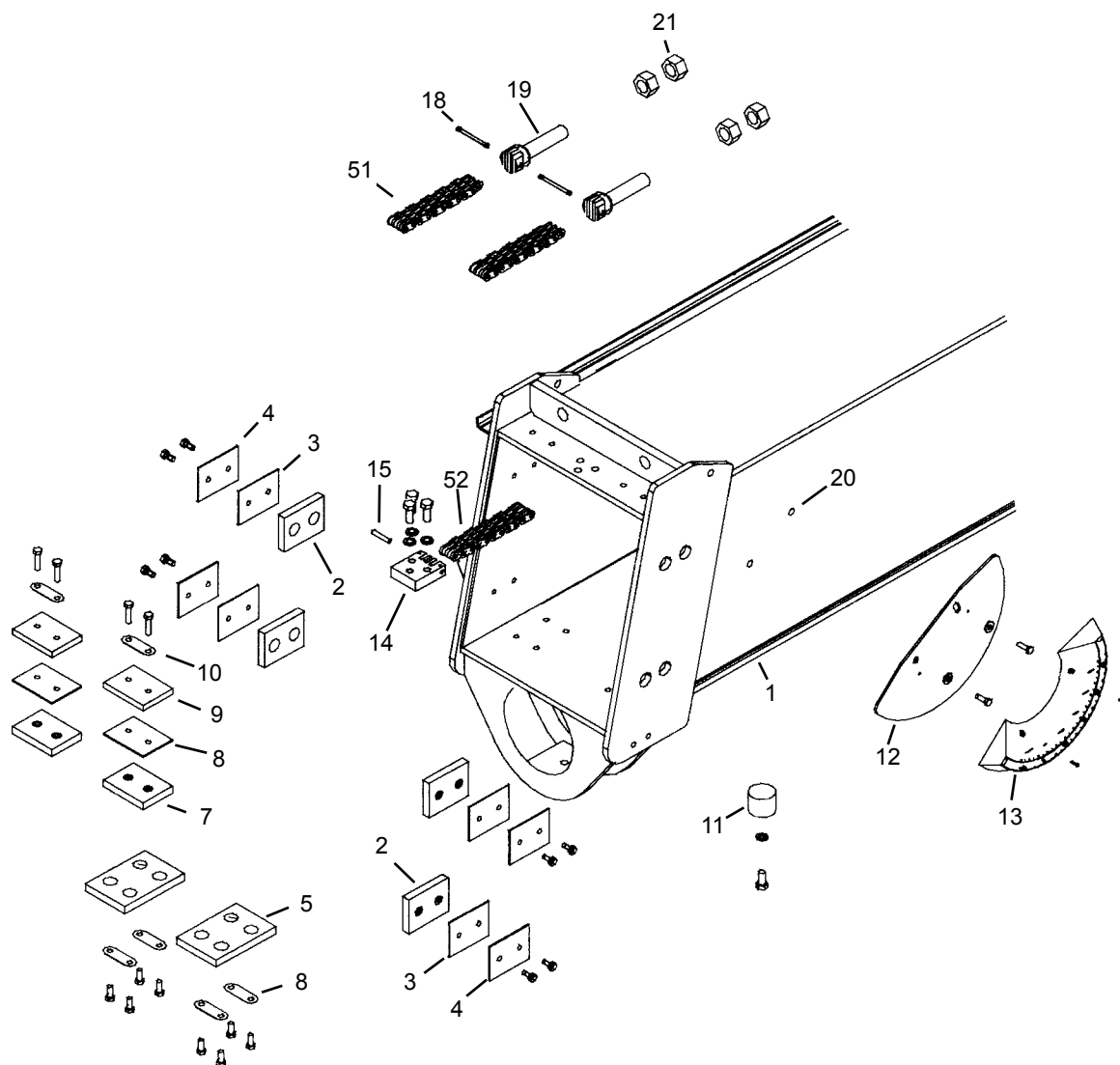
744 / 944 / 1155**Boom - Four-Section High*****Outer Boom - Rear Section***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70863	OUTER SECTION WELDMENT....	1	05	L520019	1/2"-13 NYLON INSERT NUT.....	2
02	L69534	REAR COVER.....	1	06	L50463	1/2"-13 x 6" BOLT.....	2
	650486	5/16"-18 x 3/4 BOLT.....	6	07	L69474	PIVOT PIN.....	2
	L530004	5/16" RET. NUT FASTNR.....	6				
03	L69492	BUSHING, PIVOT PIN.....	2				
04	L70956	SIDE COVER.....	1				
	650485	5/16"-18 x 5/8" BOLT.....	5				
	L530004	5/16" RET. NUT FASTNR.....	5				
	650485	5/16"-18 x 5/8" BOLT.....	5				
	L50056	5/16" FLANGE NUT.....	5				

Boom - Four-Section High

Outer Boom - Front Section

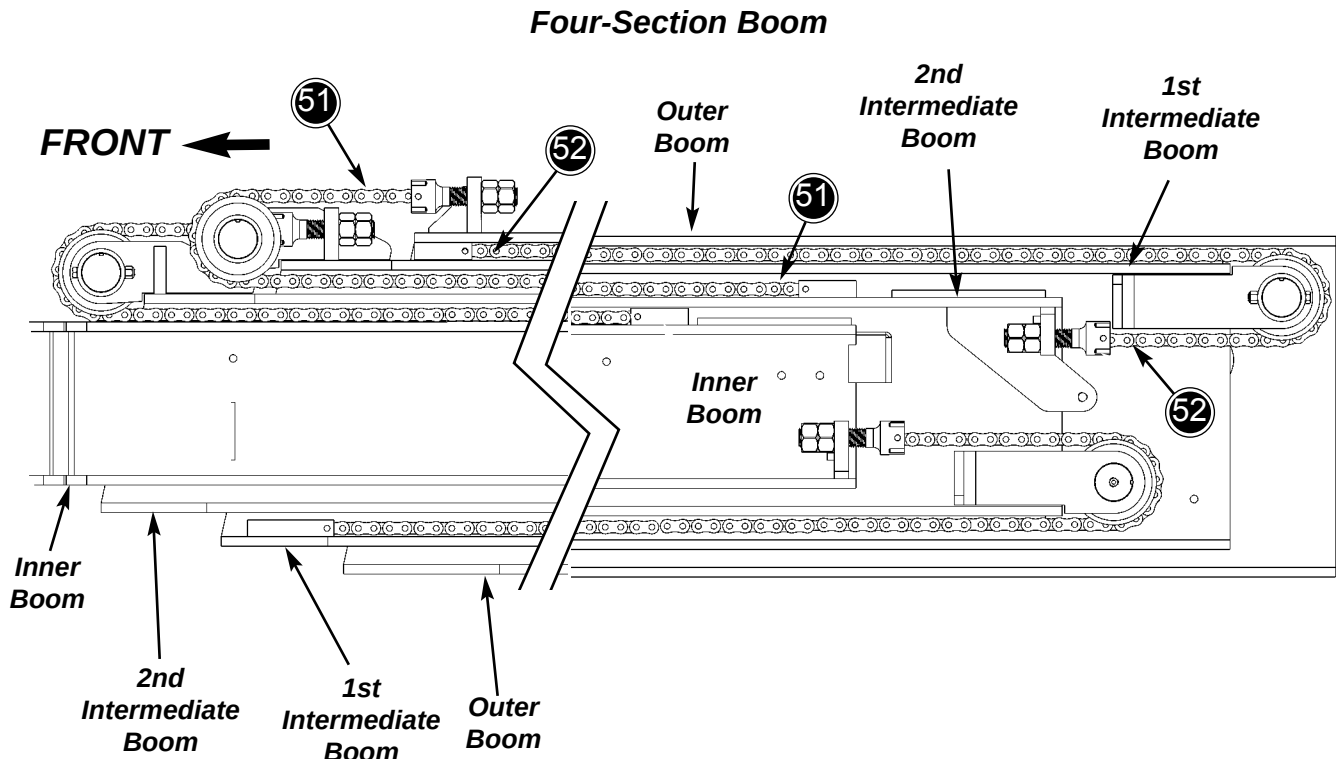
Mustang Telehandler



744 / 944 / 1155**Boom - Four-Section High****Outer Boom - Front Section**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70863	OUTER SECTION WELDMENT...	1	13	L65638	ANGLE INCLINOMETER	1
02	L61709	SIDE SLIDE PAD 3" x 4"	4		L50491	#8-32 x 5/8" MACHINE SCREW ...	2
	650488	3/8" x 3/4" BOLT	8	14	L71004	FIXED CLEVIS	1
03	L62733	SHIM 0.06" x 3" x 4"	4		L71021	#10-24 x 3/4" SET SCREW	2
04	L62734	SHIM 0.105" x 3" x 4"	4		L50380	1/2" x 1-1/4" GR8 BOLT	3
05	L71020	SLIDE PAD 4" x 6"	2		654030	1/2" LOCK WASHER	3
06	L62715	BOLT FLAT LOCK	4	15	L71005	CLEVIS PIN	1
	L510007	3/8" x 7/8" BOLT	8	18	L71007	CLEVIS PIN	2
07	L61709	SLIDE PAD 3" x 4"	2		L560003	3/32" x 1-1/4" COTTER PIN	4
08	L62734	SHIM 0.105" x 3" x 4"	2	19	L71006	ADJUSTABLE CLEVIS	2
09	L64143	SHIM 0.50" x 3" x 4"	2	20	L70242	THREADED INSERT	2
10	L62715	BOLT FLAT LOCK	2	21	L50092	1" NUT	4
	650533	3/8" x 1-1/2" BOLT	4				
11	P272700	ISOLATOR	1	51 ^a	L71000	LEAF CHAIN (<i>extend</i>)	2
	650494	1/2" x 1" BOLT	1	52 ^a	L71001	LEAF CHAIN (<i>retract</i>)	1
	654030	1/2" LOCK WASHER	1				
12	L65640	MOUNT PLATE	1				
	L52048	5/16" x 1" BUTTON HEAD BOLT ..	2				
	654004	5/16" FLAT WASHER	2				

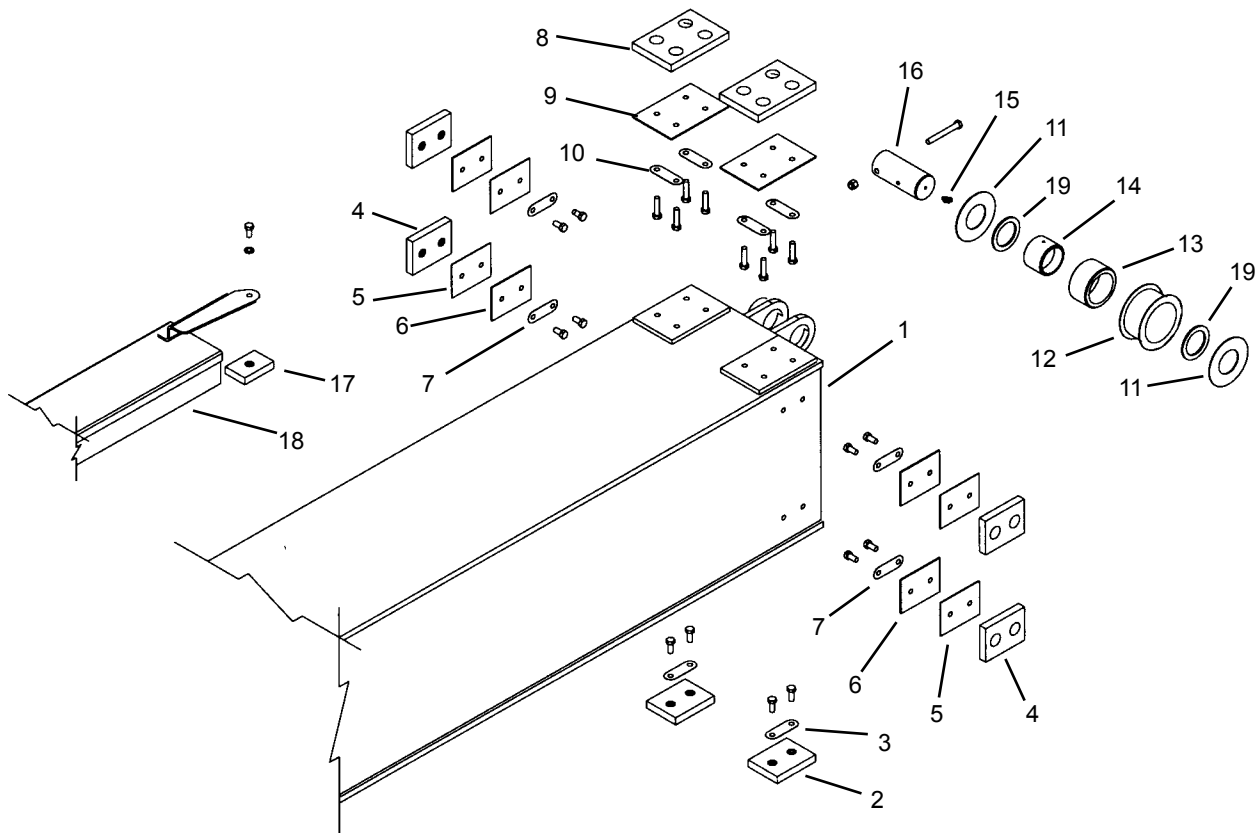
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Boom - Four-Section High

First Intermediate Boom - Rear Section

Mustang Telehandler



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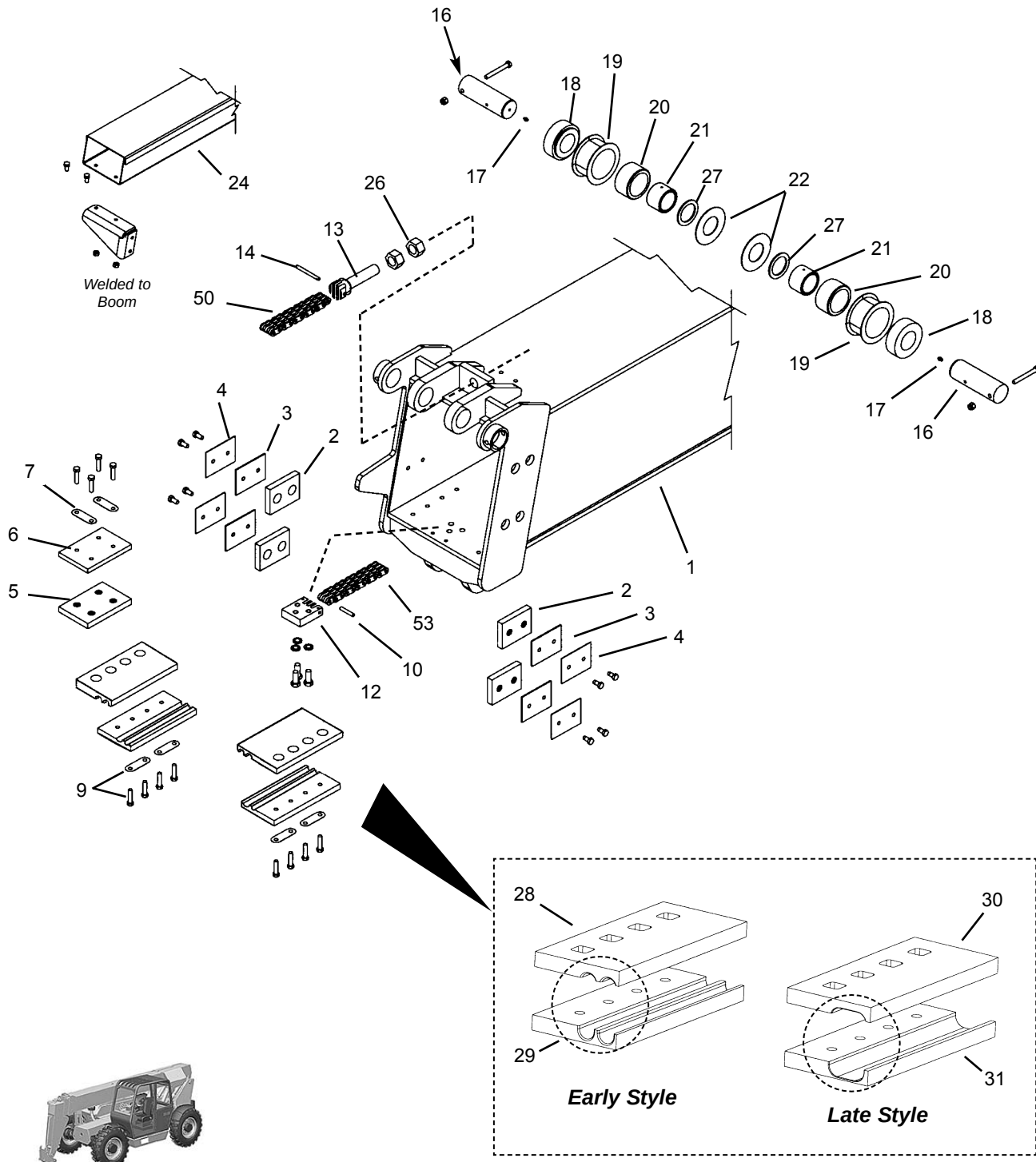
Boom - Four-Section High
First Intermediate Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70894	FIRST INTERM. SECT. WELD.....	1	11	L71214	THRUST WASHER.....	1
02	L61709	BOTTOM SLIDE PAD 3" x 4"	2	12	L71008	SHEAVE	1
03	L62715	BOLT FLAT LOCK.....	2	13	L49618	ROLLER BEARING.....	1
	L510007	3/8"-16 x 7/8" BOLT.....	4	14	L49619	INNER RING	1
04	L61709	SIDE SLIDE PAD 3" x 4".....	4	15	L10057	GREASE ZERK 90° 1/4"-28	1
05	L62734	SHIM 0.105" x 3" x 4"	4	16	L71206	REAR SHEAVE PIN	1
06	L62733	SHIM 0.06" x 3" x 4"	4		650818	3/8"-16 x 3" BOLT	1
07	L62715	BOLT FLAT LOCK.....	4		L520005	NYLON INSERT NUT 3/8"	1
	650488	3/8"-16 x 3/4" BOLT.....	8	17	L61699	SLIDE PAD	1
08	L71020	TOP SLIDE PAD 4" x 6"	2		650488	3/8"-16 x 3/4" BOLT.....	1
09	L62732	SHIM 0.105" x 4" x 6"	2		654026	3/8" LOCK WASHER.....	1
10	L62715	BOLT FLAT LOCK.....	4	18	L70962	HOSE TRAY WELDMENT.....	1
	650533	3/8"-16 x 1-1/2" BOLT	8	19	L71245	SPACER	2

Boom - Four-Section High

First Intermediate Boom - Front Section

Mustang Telehandler



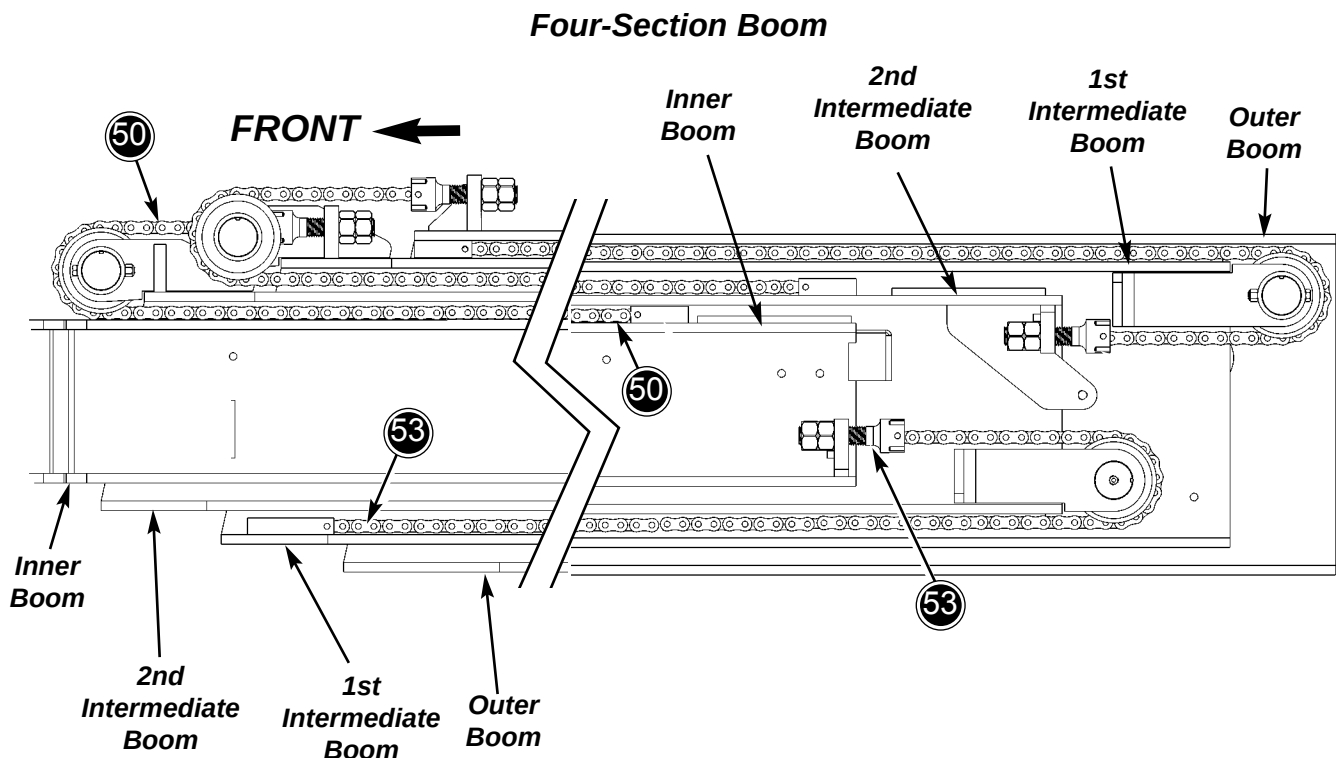
744 / 944 / 1155

Boom - Four-Section High

First Intermediate Boom - Front Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70894	1ST-INTERMEDIATE BOOM.	1	20	L49618	ROLLER BEARING.	2
02	L61709	SLIDE PAD 3" x 4"	4	21	L49619	INNER RING	2
03	L62734	SHIM 0.105" x 3" x 4"	4	22	L71214	THRUST WASHER	2
04	L62733	SHIM 0.06" x 3" x 4"	4	24	L70962	HOSE TRAY WELDMENT.	1
	650488	3/8"X3/4" BOLT	8		650485	5/16"-18 x 5/8" BOLT	2
05	L61708	TOP SLIDE PAD 4" x 6"	1		L520004	5/16" NYLON INSERT NUT	2
06		SHIM.	AR	26	L50092	HEX NUT 1"-8	2
	L63475	SHIM, 1/2" x 4" X 6"		27	L71245	SPACER	2
	L62731	SHIM, 1/16" x 4" X 6"		28	L71420	SLIDE PAD (w/integrated clamp) ..	2
	L62732	SHIM, 1/8" x 4" X 6"		29	L71419	SPACER PAD (w/integrated clamp) 2	
07	L62715	BOLT FLAT LOCK	2	30	210759	SLIDE PAD (w/integrated clamp) ..	2
	650533	3/8"-16 x 1-1/2" BOLT	4	31	210760	SPACER PAD (w/integrated clamp) 2	
09	L62715	BOLT FLAT LOCK	4				
	650533	3/8"-16 x 1-1/2" BOLT	8				
10	L71005	FIXED CHAIN PIN.	1	50 ^a	101212	LEAF CHAIN (extend)	1
12	101028	FIXED CLEVIS	1	53 ^a	L71001	LEAF CHAIN (retract)	1
	L71021	#10-24" x 3/4" SET SCREW	2				
	L50380	1/2"-20 x 1-1/4" BOLT GR8	3				
	654030	1/2" LOCK WASHER.	3				
13	L71006	ADJUSTABLE CLEVIS	1				
14	L71007	CHAIN PIN	1				
	L560003	3/32" x 1-1/4" COTTER PIN	1				
16	L71212	SHEAVE PIN	2				
	650818	3/8"-16 x 3" BOLT	2				
	L520005	3/8" NYLON INSERT NUT	2				
17	L10465	GREASE ZERK, STR. 1/4"-28	2				
18	L71017	SHEAVE SPACER.	2				
19	L71008	CHAIN SHEAVE	2				

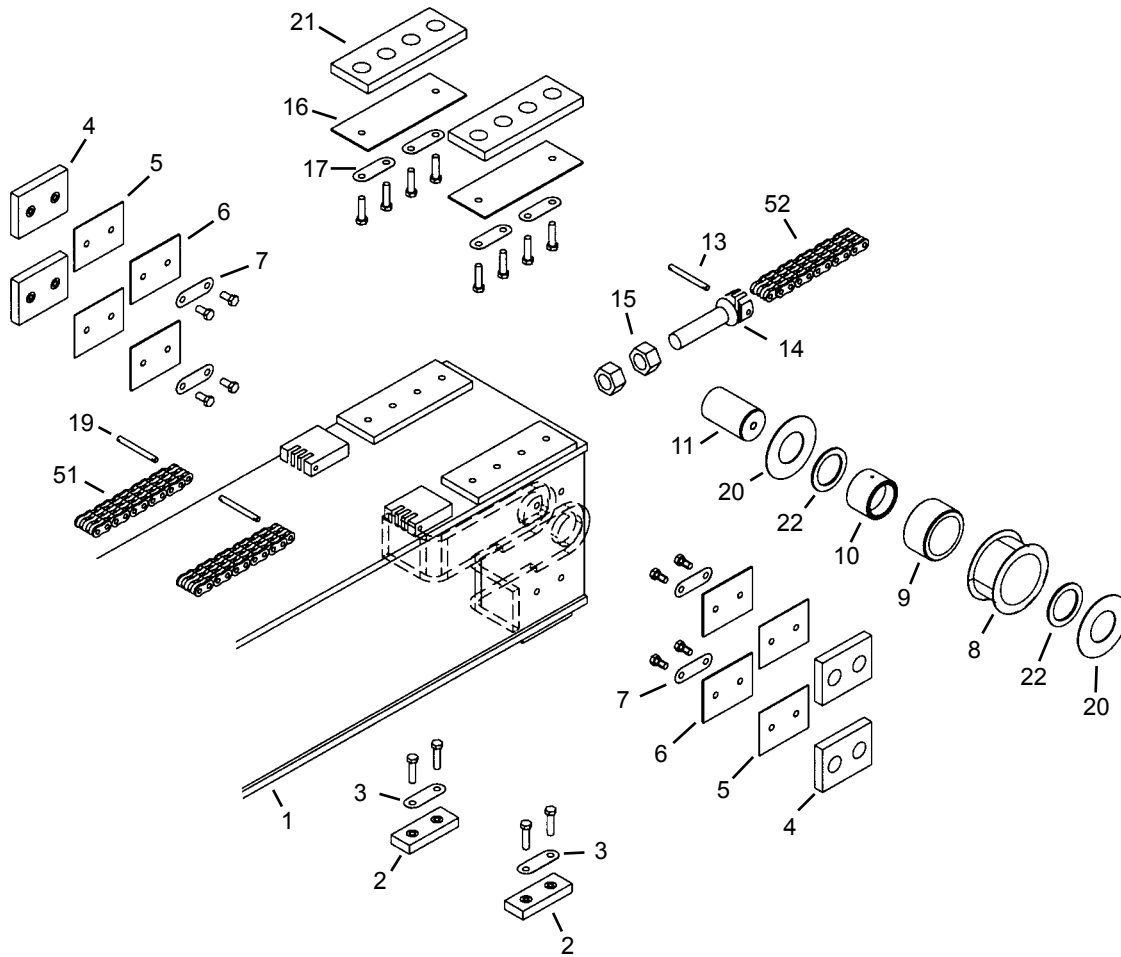
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Boom - Four-Section High

Second Intermediate Boom - Rear Section

Mustang Telehandler



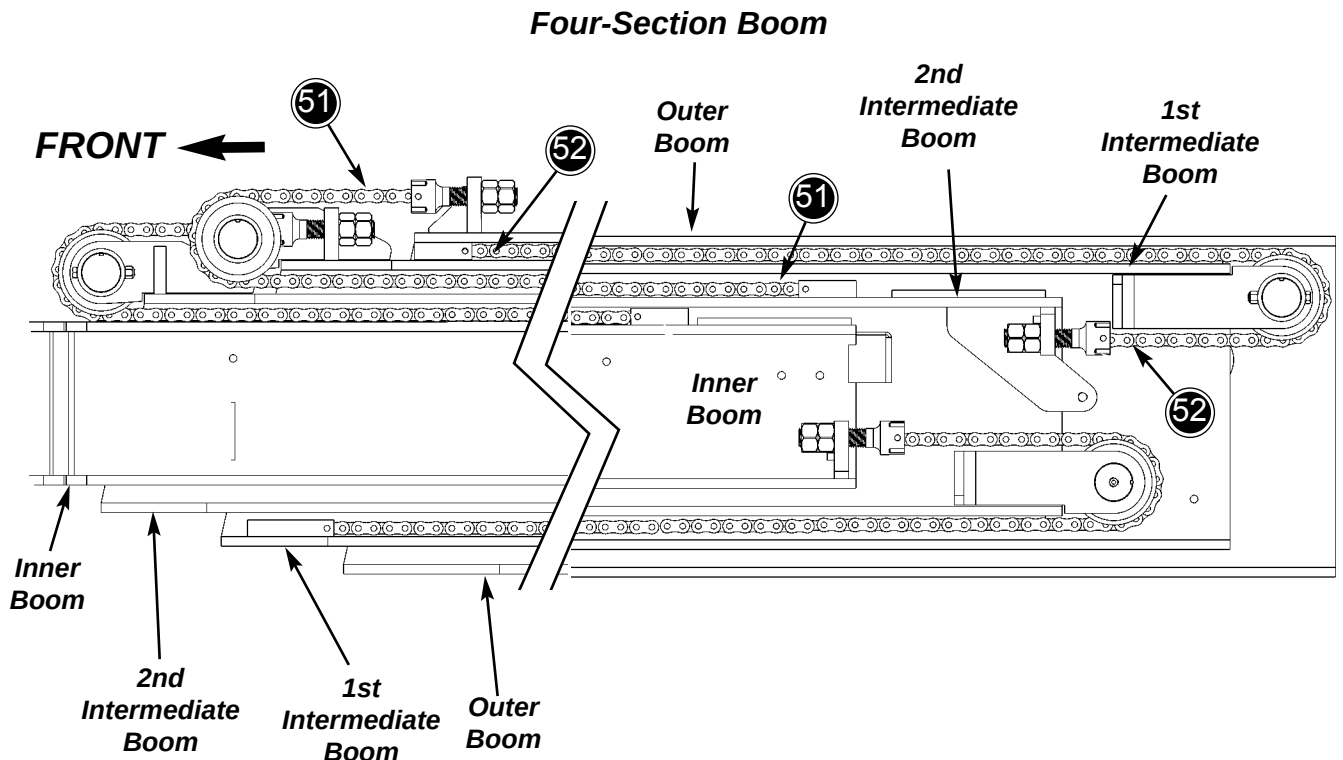
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Boom - Four-Section High

Second Intermediate Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70912	2ND-INTERMEDIATE BOOM.....	1	16	L66783	SHIM 0.105" x 3" x 8"	2
02	L71003	SLIDE PAD 1-1/2" x 4"	2	17	L62715	BOLT FLAT LOCK	4
03	L62715	BOLT FLAT LOCK	2		650533	3/8" x 1-1/2" BOLT	8
	650533	3/8" x 1-1/2" BOLT	4	19	L71007	CHAIN PIN	2
04	L61709	SLIDE PAD 3" x 4"	4		L560003	3/32" x 1-1/4" COTTER PIN	4
05	L62733	SHIM 0.06" x 3" x 4"	4	20	L71214	THRUST WASHER	2
06	L62734	SHIM 0.105" x 3" x 4"	4	21	L71011	SLIDE PAD 3" x 8"	2
07	L62715	BOLT FLAT LOCK	4	22	L71245	SPACER	2
	650488	3/8" x 3/4" BOLT	8				
08	L71008	CHAIN SHEAVE	1	51 ^a	L71000	LEAF CHAIN (<i>extend</i>)	2
09	L49618	ROLLER BEARING	1	52 ^a	L71001	LEAF CHAIN (<i>retract</i>)	1
10	L49619	INNER RING	1				
11	L71213	SHEAVE PIN	1				
13	L71007	CHAIN PIN	1				
	L560003	3/32" x 1-1/4" COTTER PIN	2				
14	L71006	ADJUSTABLE CLEVIS	1				
15	L50092	1" NUT	2				

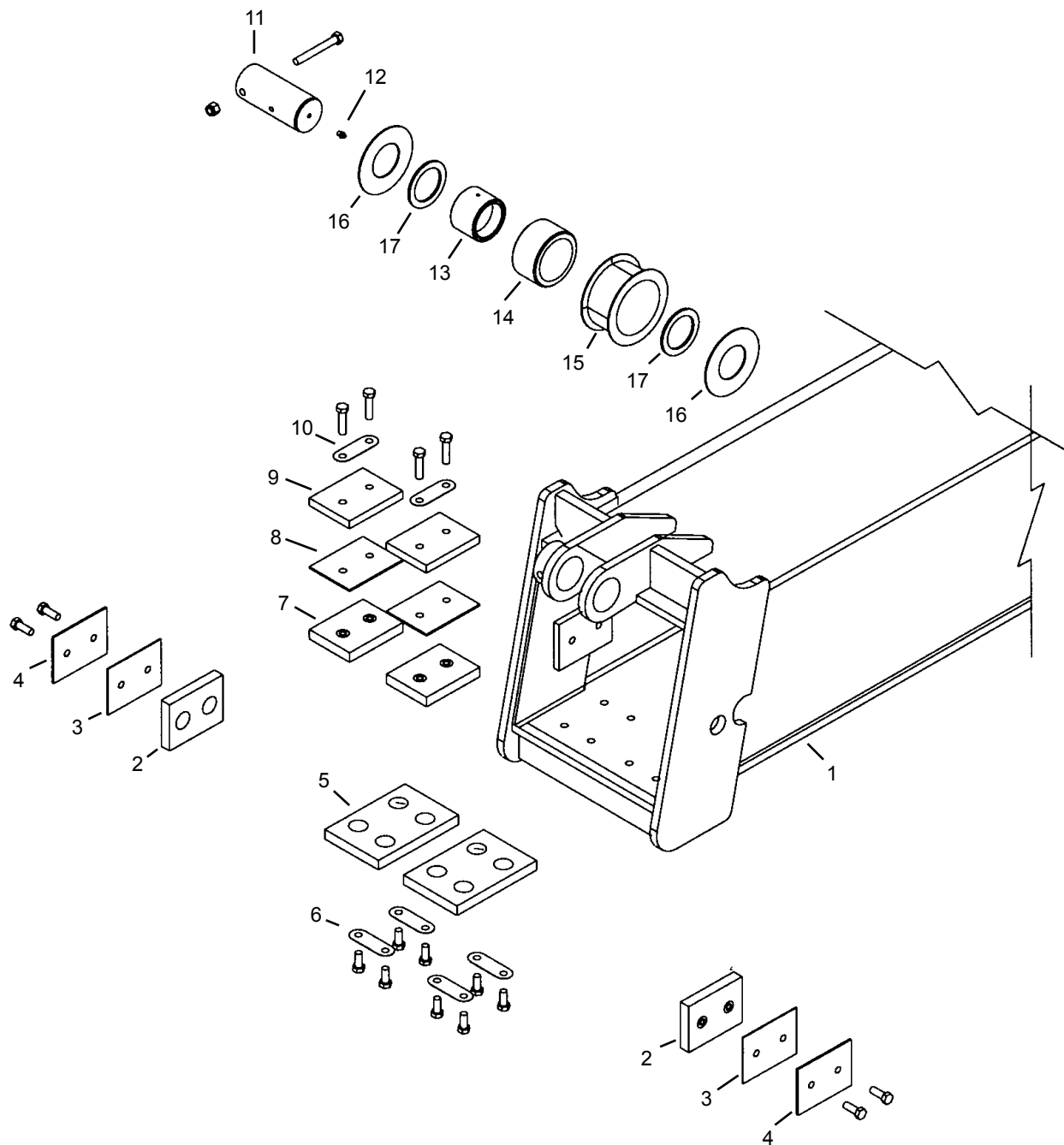
^a This parts manual shows the same chain(s) on multiple pages. Before ordering chains, refer to the illustration below to avoid ordering the incorrect chain(s) or incorrect quantities.



Boom - Four-Section High

Second Intermediate Boom - Front Section

Mustang Telehandler



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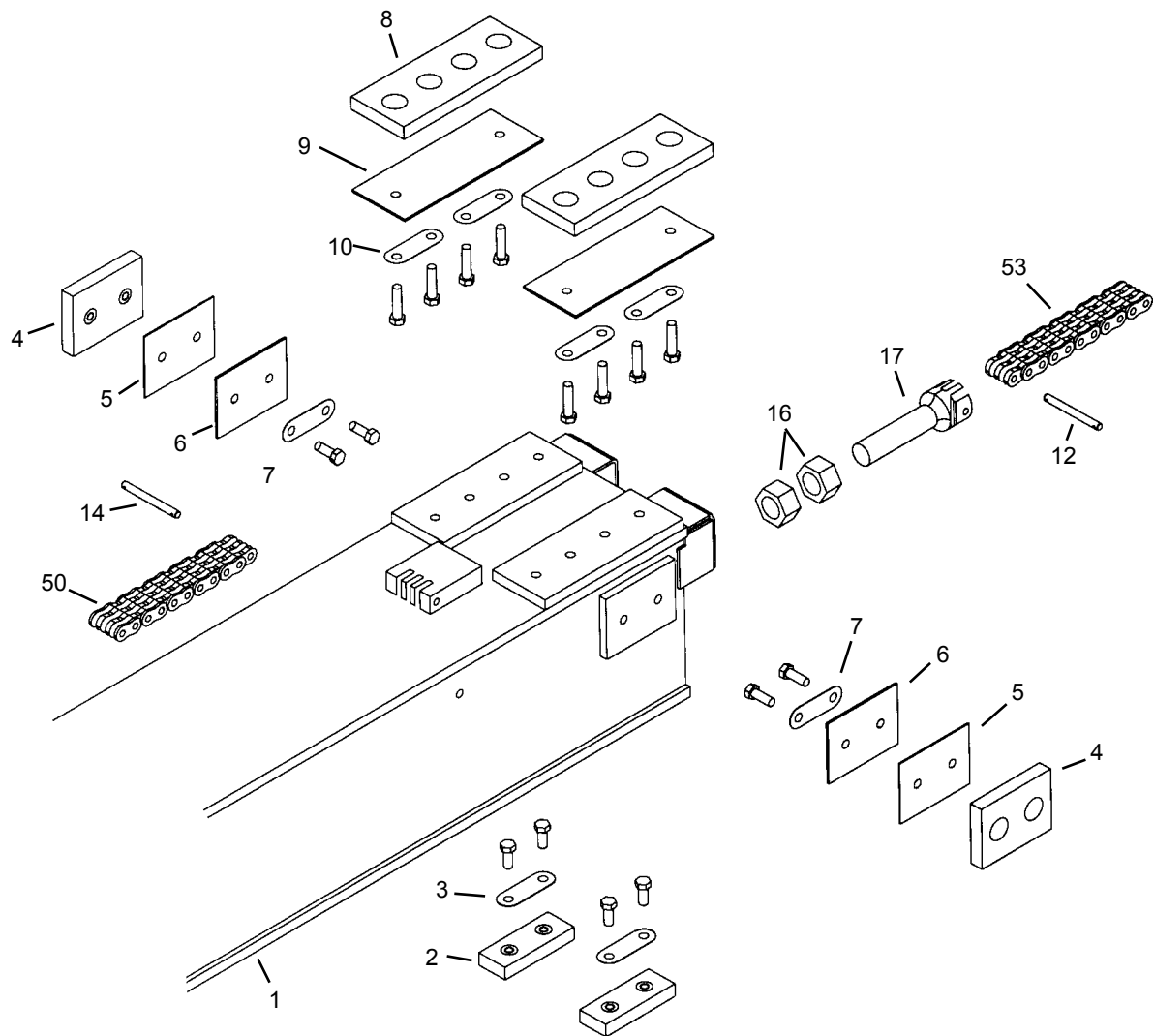
Boom - Four-Section High
Second Intermediate Boom - Front Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70912	2ND INTERM. SECT. WELD.	1	10	L62715	BOLT FLAT LOCK.....	2
02	L61709	SIDE SLIDE PAD 3" x 4"	2		650533	3/8"-16 x 1-1/2" BOLT	4
	650490	3/8"-16 x 1" BOLT	4	11	L71206	SHEAVE PIN	1
03	L62733	SHIM 0.06" x 3" x 4"	2		650818	3/8"-16 x 3" BOLT	1
04	L62734	SHIM 0.105" x 3" x 4"	2		L520005	3/8" NYLON INSERT NUT	1
05	L71020	BOTTOM SLIDE PAD 4" x 6"	2	12	L10465	GREASE ZERK STR. 1/4"-28	1
06	L62715	BOLT FLAT LOCK.....	4	13	L49619	INNER RING	1
	L510007	3/8"-16 x 7/8" BOLT.....	8	14	L49618	ROLLER BEARING.....	1
07	L61709	TOP SLIDE PAD 3" x 4".....	2	15	L71008	CHAIN SHEAVE	1
08	L62734	SHIM 0.105" x 3" x 4"	2	16	L71214	THRUSTWASHER	2
09	L64143	SHIM 0.50" x 3" x 4"	2	17	L71245	SPACER	2

Boom - Four-Section High

Inner Boom - Rear Section

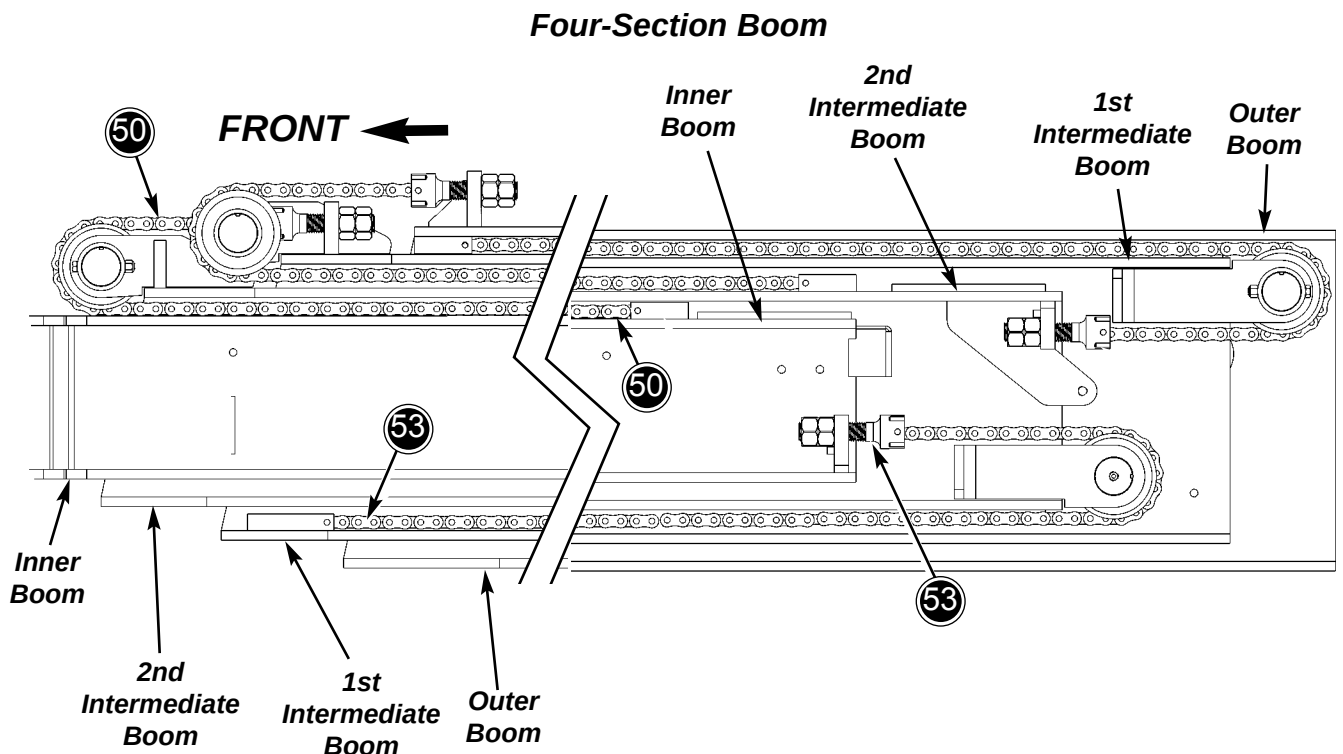
Mustang Telehandler



744 / 944 / 1155**Boom - Four-Section High****Inner Boom - Rear Section**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100119	INNER WELDMENT	1	12	L71007	CHAIN PIN	1
02	L71003	BOTTOM SLIDE PAD 1-1/2" x 4" . . .	2		L560003	3/32" x 1-1/4" COTTER PIN	2
03	L62715	BOLT FLAT LOCK	2	14	L71007	CHAIN PIN	1
	L510007	3/8" x 7/8" BOLT	4		L560003	3/32" x 1-1/4" COTTER PIN	2
04	L61709	SLIDE PAD 3" x 4"	2	16	L50092	1" NUT	2
05	L62733	SHIM 0.06" x 3" x 4"	2	17	L71006	ADJUSTABLE CLEVIS	1
06	L62734	SHIM 0.105" x 3" x 4"	2				
07	L62715	BOLT FLAT LOCK	2				
	650490	3/8" x 1" BOLT	4	50 ^a	101212	LEAF CHAIN (extend)	1
08	L71011	SLIDE PAD 3" x 8"	2	53 ^a	L71001	LEAF CHAIN (retract)	1
09	L66783	SHIM 0.105" x 3" x 8"	2				
10	L62715	BOLT FLAT LOCK	4				
	650533	3/8" x 1-1/2" BOLT	8				
11	L71006	ADJUSTABLE CLEVIS	1				

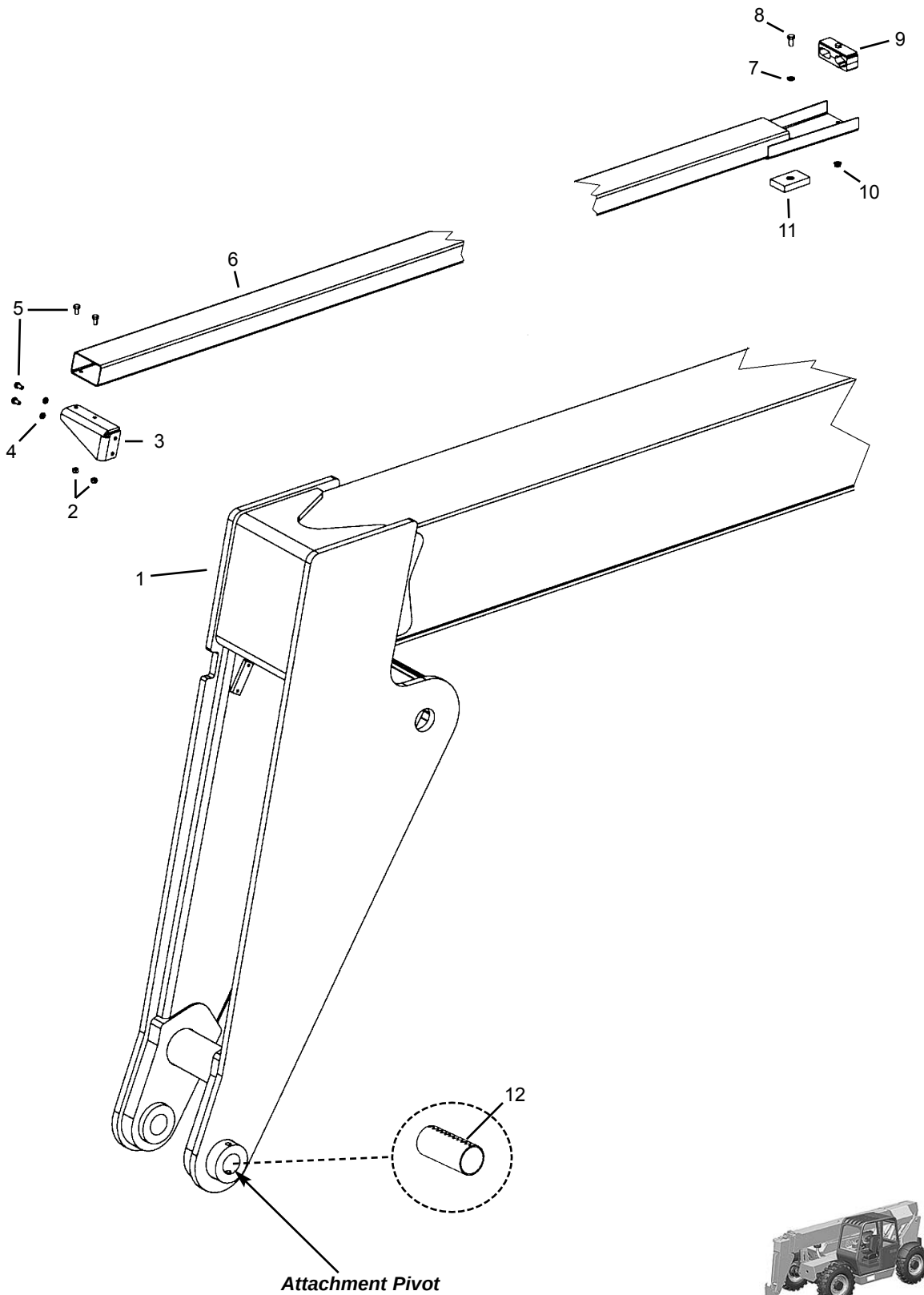
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Boom - 3- and 4-Section High

Inner Boom - Front Section

Mustang Telehandler

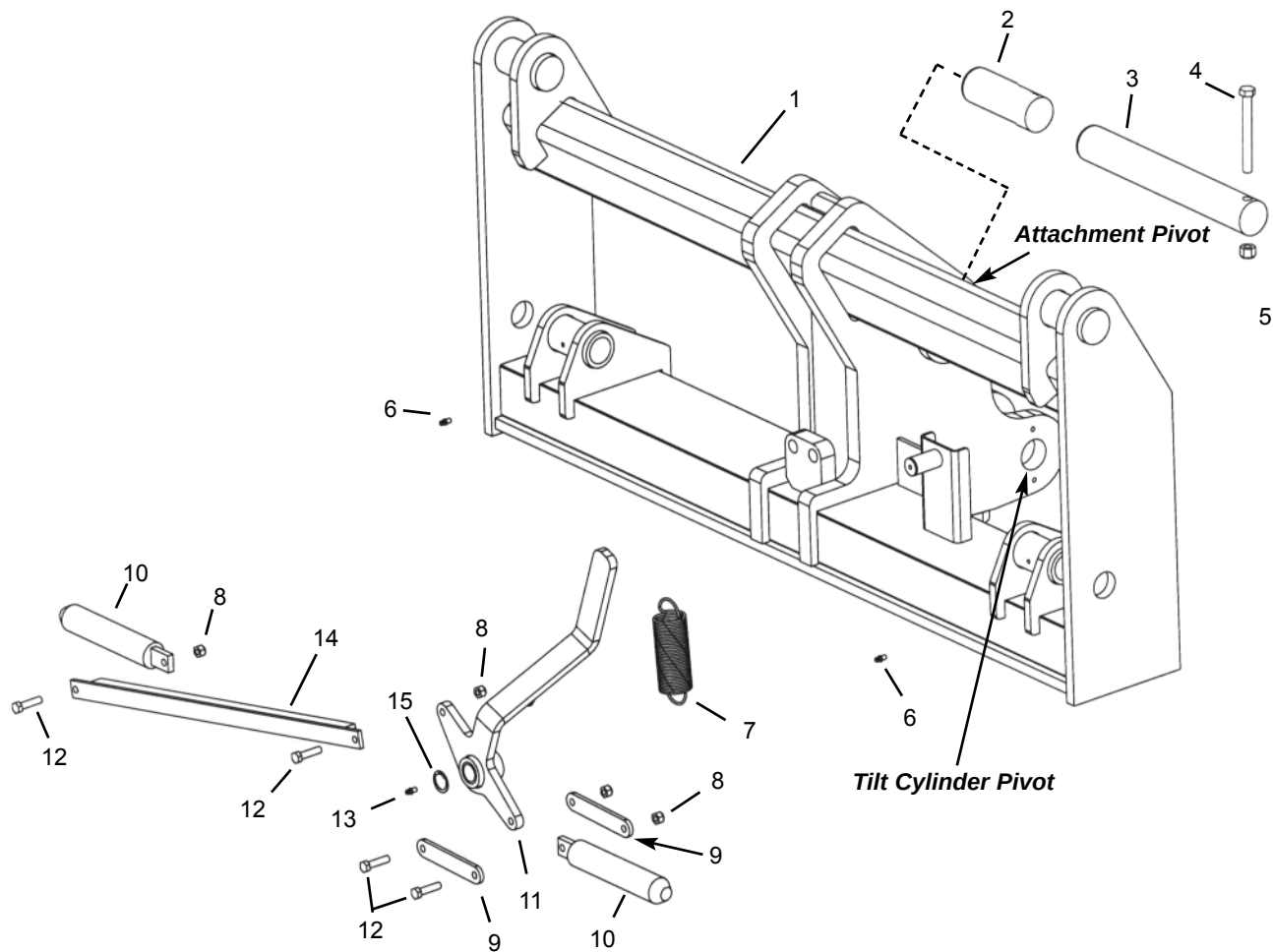


744 / 944 / 1155**Boom - 3- and 4-Section High*****Inner Boom - Front Section***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		INNER WELDMENT	1	06		INNER TRAY WELDMENT	1
	100114	44' High Boom			L69523	44' High Boom	
	100119	55' High Boom		07	654026	3/8" LOCK WASHER.	1
02	L520004	5/16"-18 NYLON INSERT NUT	2	08	650488	3/8"-16 x 3/4" BOLT.	1
03	L69525	INNER TRAY BRACKET	1	09	L79167	HOSE CLAMP ASSEMBLY.	1
	L68349	CUSHION, MNT PLATE (<i>weld on</i>)		10	L50056	5/16"-18 FLARE NUT	1
04	654024	5/16" LOCK WASHER.	2	11	L61699	SLIDE PAD	1
05	650485	5/16"-18 x 5/8" BOLT	4	12	L69723	BUSHING	2

Boom - 3- and 4-Section High Quickattach™ Bracket II (Standard)

Mustang Telehandler

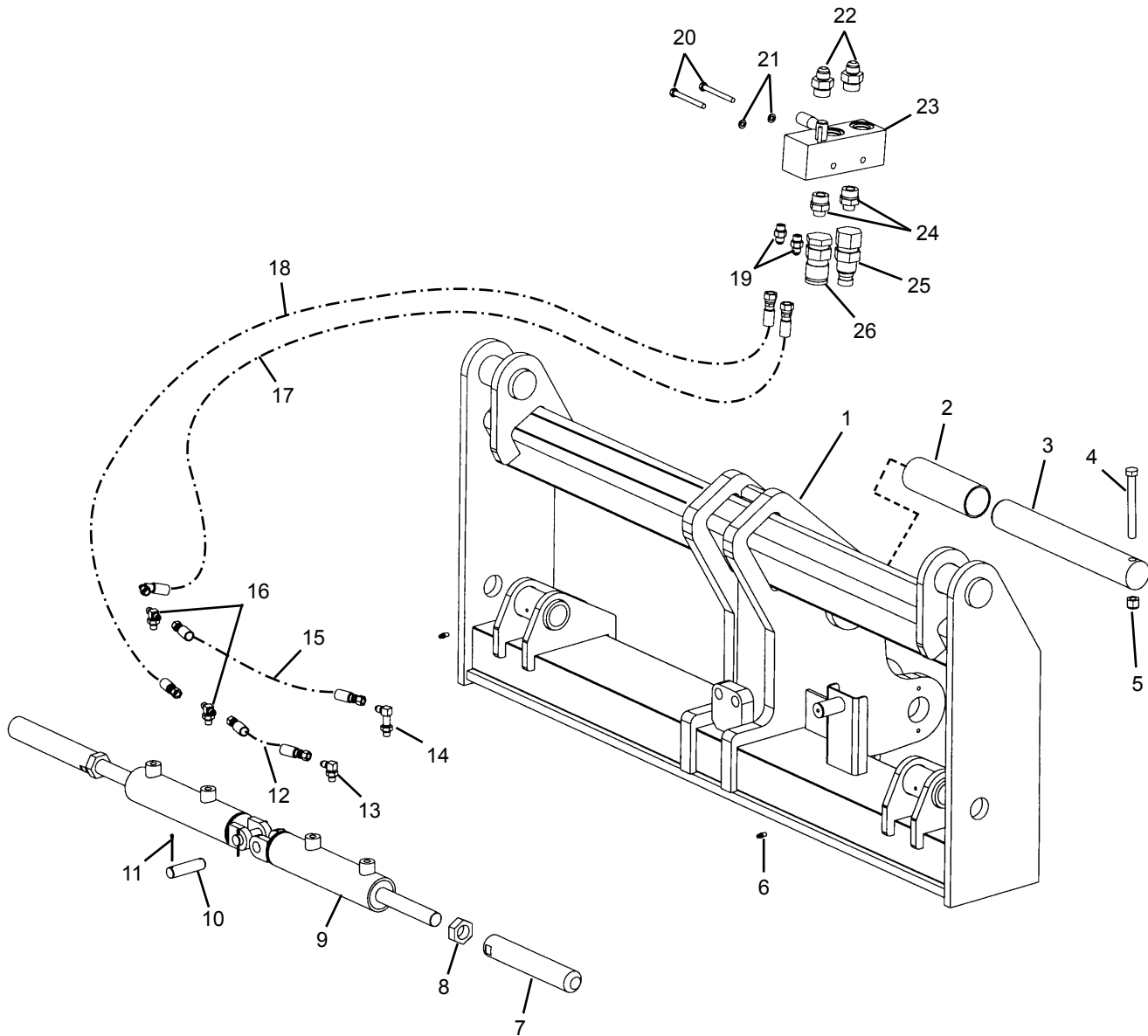


744 / 944 / 1155**Boom - 3- and 4-Section High*****Quickattach™ Bracket II (Standard)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100249	QUICKATTACH II WELDMENT	1	09	L67106	LOCK COUPLER BAR	2
02	101351	BUSHING	1	10	L67105	LOCK PIN WELDMENT	2
03	100118	CARRIER PIVOT PIN	1	11	L67100	LOCK HANDLE WELDMENT	1
04	L50986	1/2"-13 x 4-1/2" BOLT	1		L67099	BRONZE BUSHING	1
05	L520019	1/2"-13 NYLON INSERT NUT	1	12	650533	3/8"-16 x 1-1/2" BOLT	4
06	L10465	1/4"-28 GREASE ZERK, STR. . . .	3	13	L10465	1/4"-28 GREASE ZERK, STR. . . .	4
07	L67448	LATCH SPRING	1	14	L67107	LATCH COUPLER BAR	1
08	L520005	3/8"-16 NYLON INSERT NUT	4	15	L276632	1" RETAINING CLIP	1

Boom - 3- and 4-Section High Quickattach™ Bracket II (Hydraulic Option)

Mustang Telehandler



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**Boom - 3- and 4-Section High
Quickattach™ Bracket II (Hydraulic Option)**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100249	QUICKATTACH II WELDMENT . . . 1 (includes item 2)		14	L445123	ADAP., -4ORM -4JICM 90° LONG . 1	
02	101351	BUSHING 1		15	L71601	HOSE, -4 A4/A4 22" 1	
03	100118	CARRIER PIVOT PIN 1		16	230-32753	ADAP., -4 ORM -4JICM TEE 2	
04	L50986	1/2"-13 x 4-1/2" BOLT 1		17	L71654	HOSE, -4 DS4/A6 33" 1	
05	L520019	1/2"-13 NYLON INSERT NUT 1		18	L71602	HOSE, -4 A4/A6 38" 1	
06	L10465	1/4"-28 GREASE ZERK, STR. . . . 3		19	054994	ADAP., -6ORM -6JICM STR. 2	
07	L71551	ATTACHMENT LOCK PIN 2		20	650833	5/16"-18 x 3" BOLT 2	
08	210-32160	1" JAM NUT 2		21	654024	5/16" LOCK WASHER 2	
09	L71425	LOCK CYLINDER W/SPRING 2		22	072602	ADAP., -12ORM -12JICM STR. . . . 2	
10	L71552	PIN, RELEASE CYL BASE 2		23	L71647	ATTACH REL. MANIFOLD 1	
11	L50604	1/8" x 1-1/2" COTTER PIN 4			L500585	HANDLE 1	
12	L71600	HOSE, -4 A4/A4 10" 1		24	L448013	ADAP., -12ORM -8ORM STR. 2	
13	095601	ADAP., -4ORM -4JICM 90° 1		25	L71686	MALE COUPLER 1	
				26	L71687	FEMALE COUPLER 1	



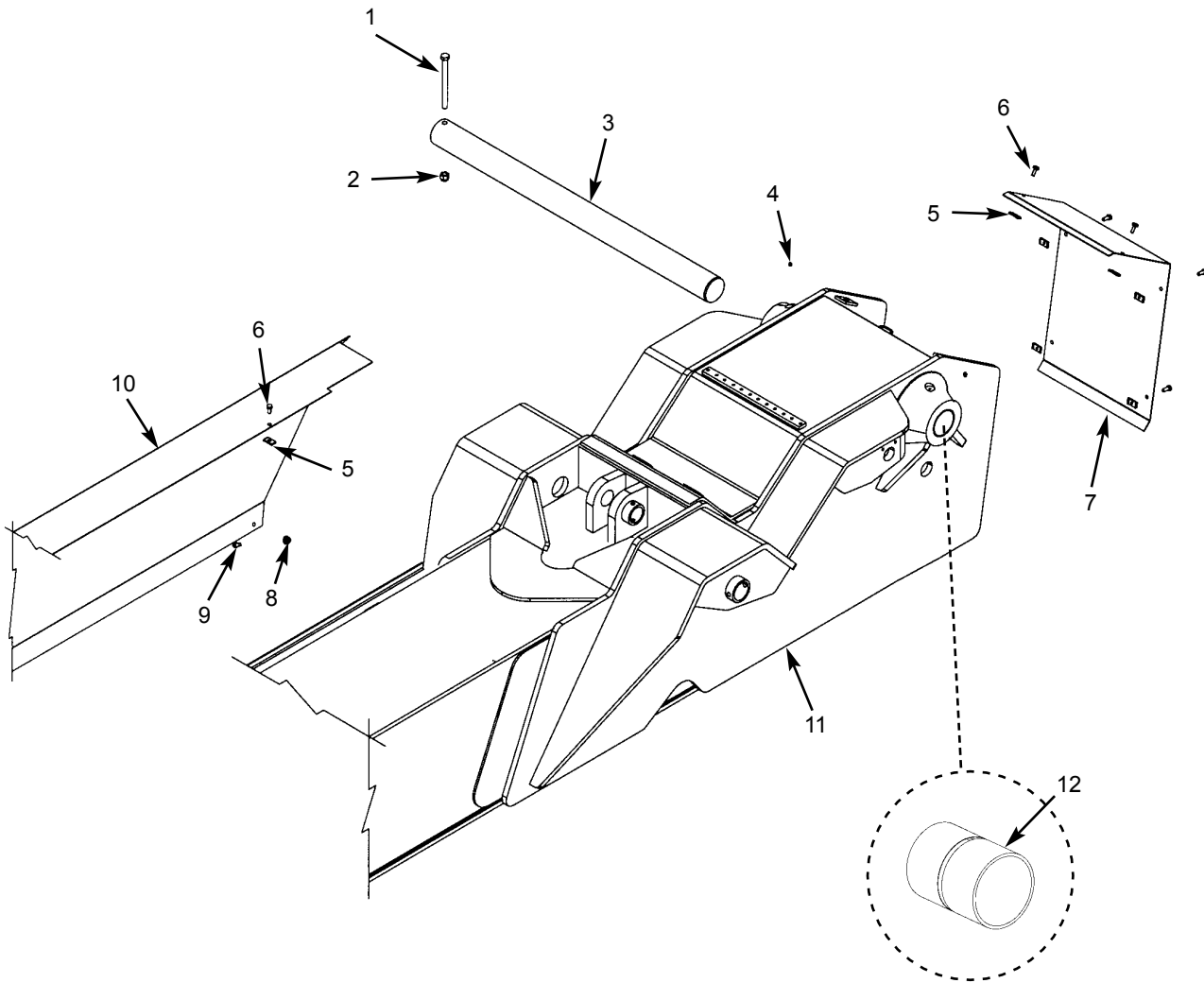
744 / 944 / 1155**Boom - 3- and 4-Section High
Quickattach™ Bracket**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101055	QUICKATTACH WELDMENT	1	10	L69727	PIN, TILT CYLINDER	1
02	L10465	1/4"-28 STR GREASE ZERK	2	11	L66453	LOCK AND PIN ASSEMBLY	1
03	101351	BUSHING	1	12	L50646	3/16" x 1-3/4" ROLL PIN	1
04	100118	CARRIER PIVOT PIN	1	13	L65097	LOCK SPRING	1
05	L50462	1/2" x 5" BOLT	1	14	L65098	SPRING MOUNT	1
06	L520019	1/2" NYLON INSERT NUT	1	15	L66456	BUSHING	2
07	650486	5/16" x 3/4" BOLT	2				
08	654024	5/16" LOCK WASHER	2				
09	L69724	PIN CAP	1				

Boom - Four-Section Low

Outer Boom - Rear Section

Mustang Telehandler



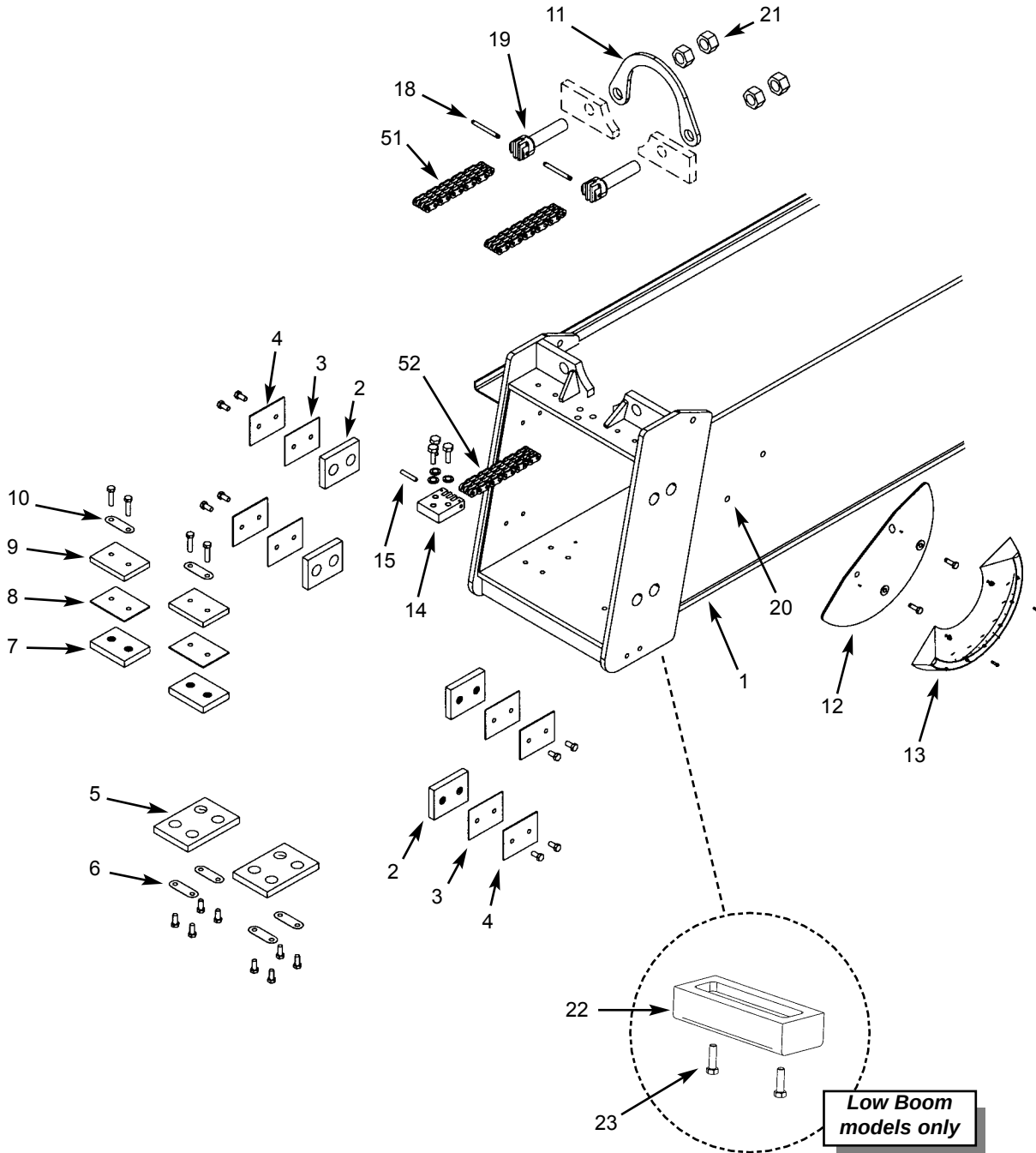
744 / 944 / 1155**Boom - Four-Section Low**
Outer Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50463	1/2-13 x 6" BOLT	1	07	L69866	REAR BOOM COVER	1
02	L520019	1/2"-13 NYLON INSERT NUT	1	08	L50056	5/16"-18 FLARE NUT	5
03	L69474	BOOM PIVOT PIN	1	09	650485	5/16"-18 x 5/8" BOLT	5
04	L10465	ZERK 1/4"-28 STRAIGHT	2	10	L70952	BOOM SIDE COVER	1
05	L530004	5/16" CLIP RETAINING NUT	11	11	L70864	OUTER SECTION WELDMENT . . .	1
06	650486	5/16"-18 x 3/4" BOLT	11	12	L69492	BUSHING, PIVOT PIN	2

Boom - Four-Section Low

Outer Boom - Front Section

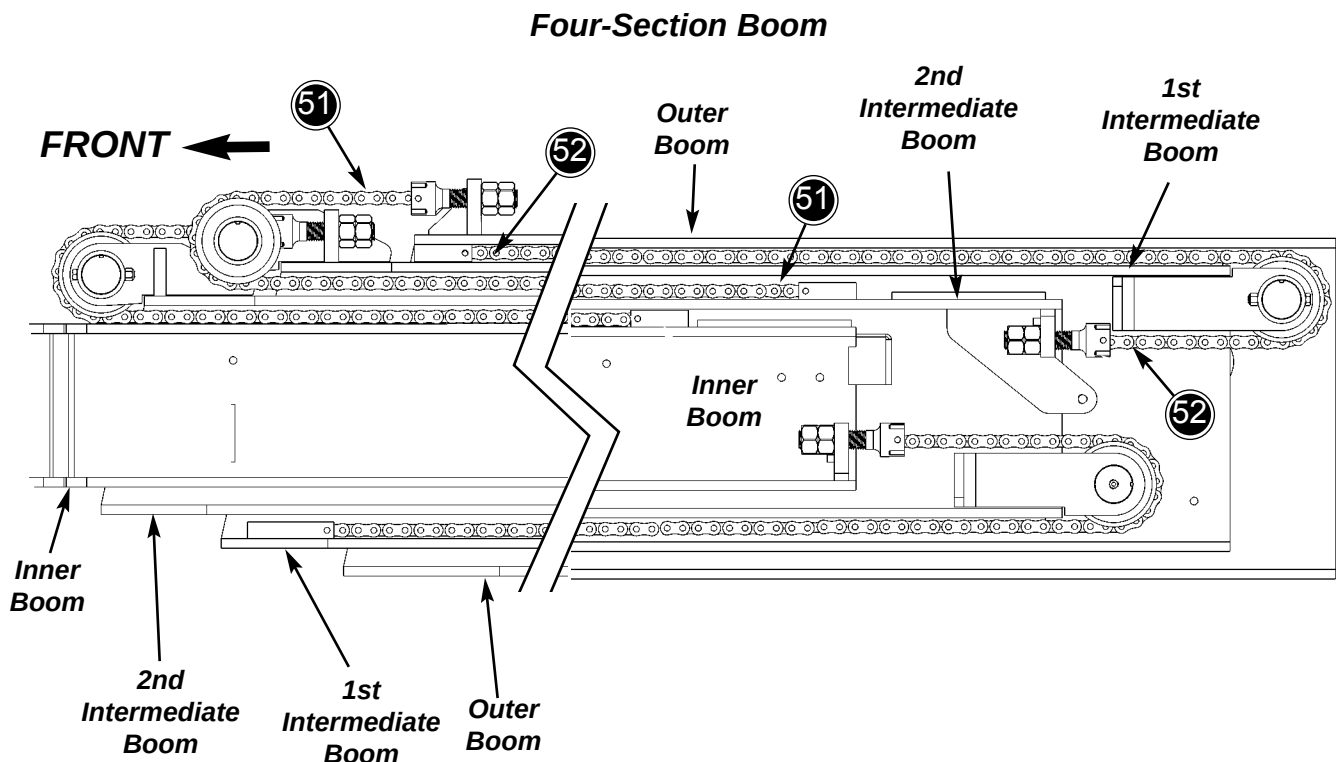
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Outer Boom - Front Section**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70864	OUTER SECTION WELDMENT.....	1	14	L71004	FIXED CLEVIS	1
02	L61709	SIDE SLIDE PAD 3" x 4"	4		L71021	SET SCREW #10-24" x 3/4"	2
	650488	3/8"-16 x 3/4" BOLT	8		L50380	1/2"-20 x 1-1/4" GR8 BOLT	3
03	L62733	SHIM 0.06" x 3" x 4"	4		654030	LOCKWASHER 1/2"	AR
04	L62734	SHIM 0.105 x 3" x 4"	4	15	L71005	CLEVIS PIN.....	1
05	L71020	BOTTOM SLIDE PAD 4" x 6"	2	18	L71007	CLEVIS PIN.....	2
06	L62715	BOLT FLAT LOCK.....	4		L560003	COTTER PIN 3/32" x 1-1/4"	4
	L510007	3/8"-16 x 7/8" BOLT	8	19	L71006	ADJUSTABLE CLEVIS	2
07	L61709	TOP SLIDE PAD 3" x 4"	2	20	L70242	THREADED INSERT.....	2
08	L62734	SHIM 0.105" x 3" x 4"	2	21	L50092	HEX NUT 1"-8	4
09	L64143	SHIM 0.50" x 3" x 4"	2	22	L70429	BUMPER SUPPORT PAD.....	1
10	L62715	BOLT FLAT LOCK.....	2	23	650491	3/8"-16 x 1-3/4" BOLT	2
	650533	3/8"-16 x 1-1/2" BOLT	4				
11	L70972	RETAINER	2	51a	L71000	LEAF CHAIN (<i>extend</i>)	2
12	L65640	MOUNT PLATE	1	52a	L71001	LEAF CHAIN (<i>retract</i>)	1
	L52048	BUTT. HD. BOLT 5/16"-18 x 1"	2				
	654004	PLAIN WASHER 5/16"	2				
13	L65638	ANGLE INCLINOMETER	1				
	L50491	RD. HD. SCREW #8-32" x 5/8"	2				

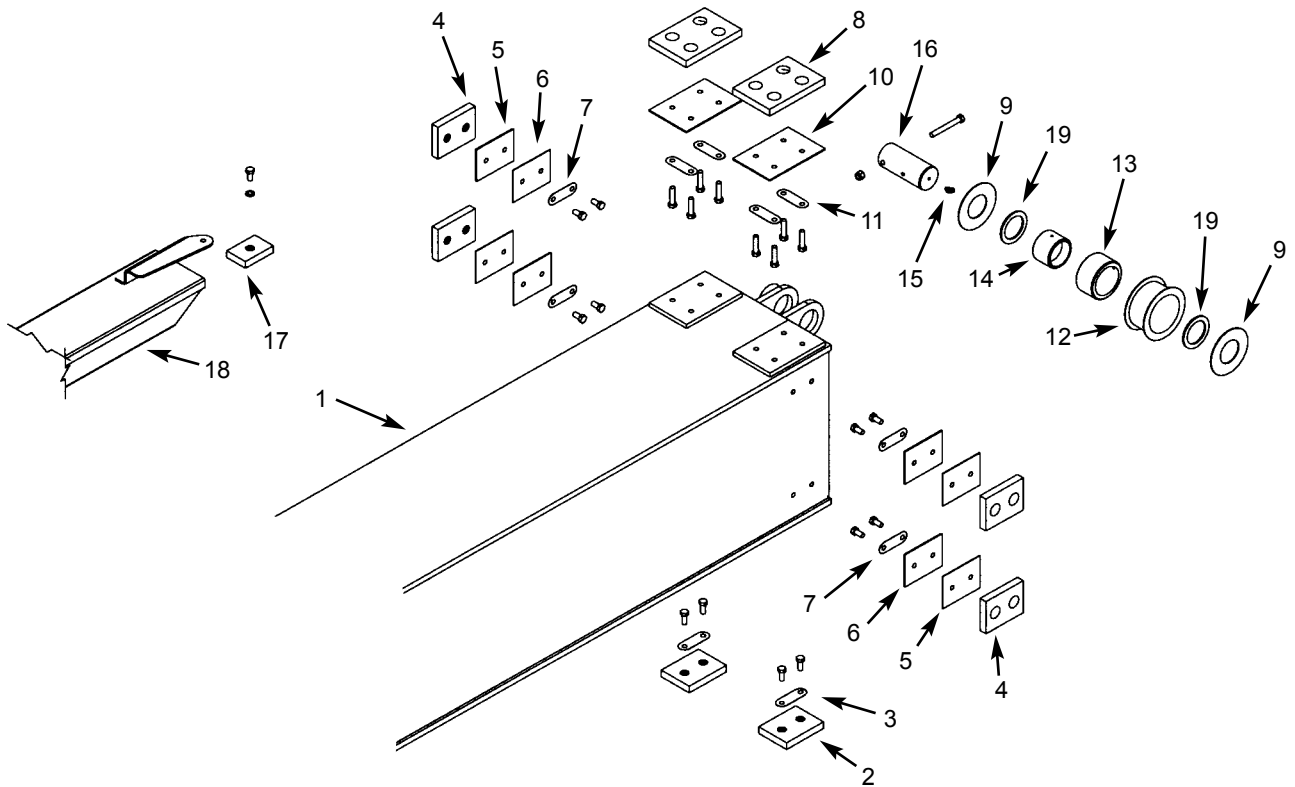
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Boom - Four-Section Low

First Intermediate Boom - Rear Section

Mustang Telehandler



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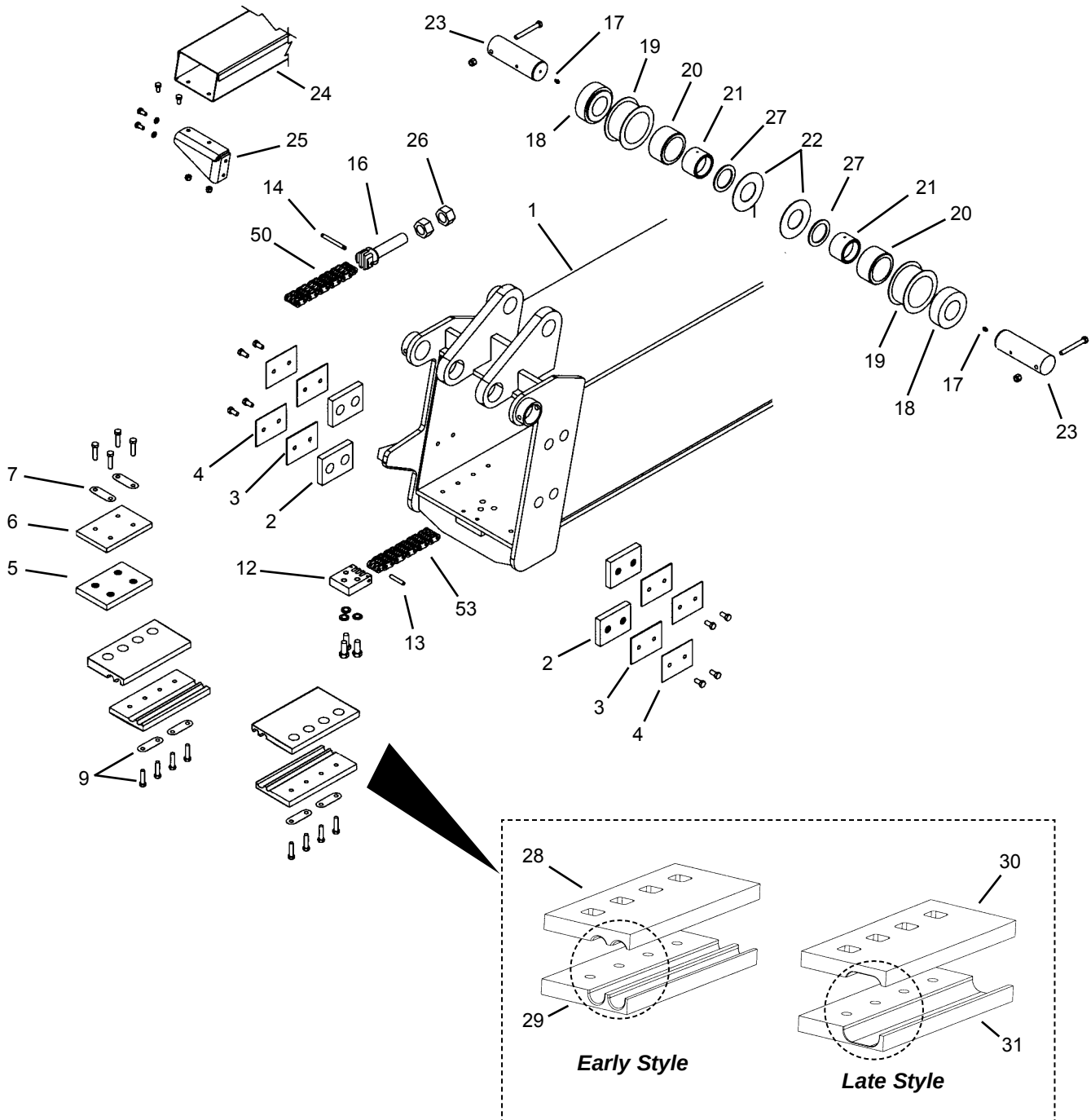
Boom - Four-Section Low First Intermediate Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70895	FIRST INTERM. SECTION.	1	12	L71008	SHEAVE	1
02	L61709	BOTTOM SLIDE PAD 3" x 4"	2	13	L49618	ROLLER BEARING	1
03	L62715	BOLT FLAT LOCK	2	14	L49619	INNER RING	1
	L510007	3/8"-16 x 7/8" BOLT	4	15	L10057	GREASE ZERK 90° 1/4"-28	1
04	L61709	SIDE SLIDE PAD 3" x 4"	4	16	L71206	REAR SHEAVE PIN	1
05	L62734	SHIM 0.105" x 3" x 4"	4		650818	3/8"-16 x 3" BOLT	1
06	L62733	SHIM 0.06" x 3" x 4"	4		L520005	NYLON INSERT NUT 3/8"	1
07	L62715	BOLT FLAT LOCK	4	17	L61699	SLIDE PAD	1
	650488	3/8"-16 x 3/4" BOLT	8		650488	3/8"-16 x 3/4" BOLT	1
08	L71020	TOP SLIDE PAD 4" x 6"	2		654026	LOCK WASHER 3/8"	1
09	L71214	HARDENED WASHER	2	18	L70963	HOSE TRAY	1
10	L62732	SHIM 0.105" x 4" x 6"	2	19	L71245	SPACER	2
11	L62715	BOLT FLAT LOCK	4				
	650533	3/8"-16 x 1-1/2"	8				

Boom - Four-Section Low

First Intermediate Boom - Front Section

Mustang Telehandler



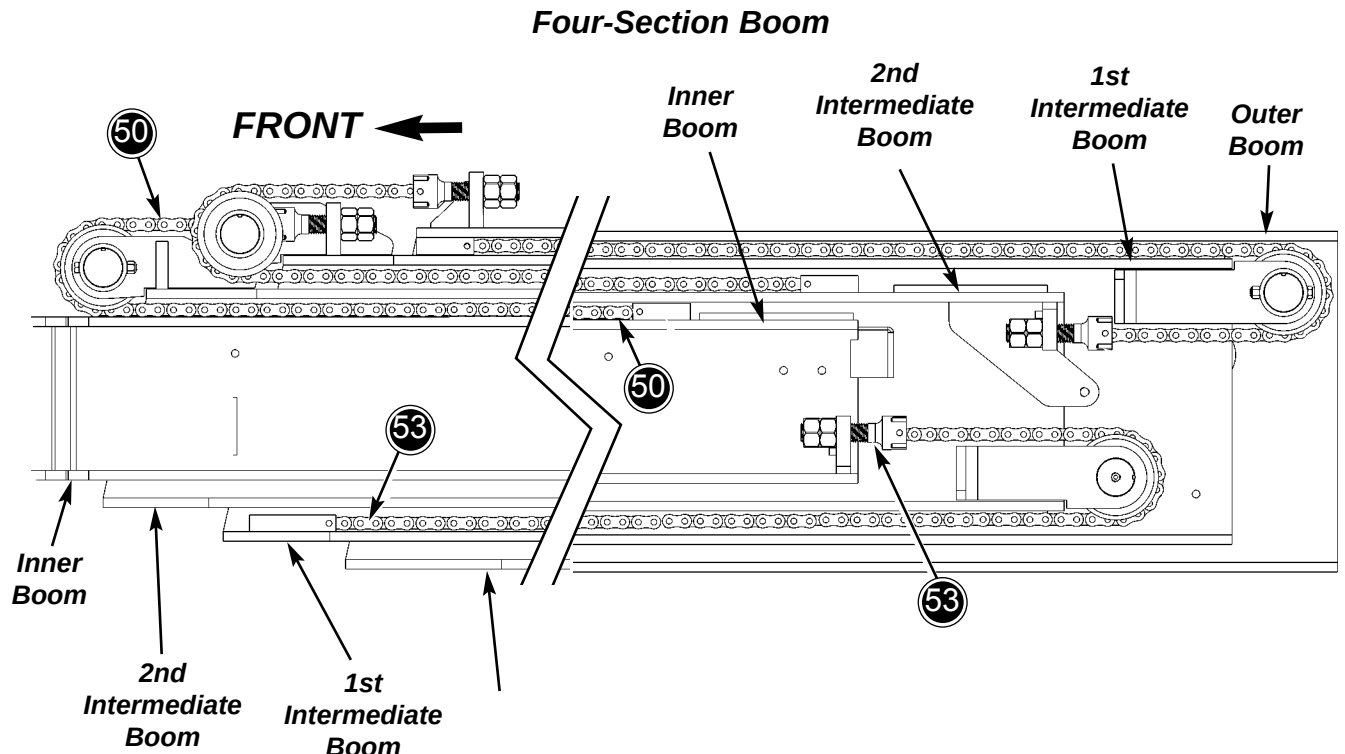
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Boom - Four-Section Low

First Intermediate Boom - Front Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70895	FIRST INTERM. SECTION.	1	21	L49619	INNER RING	2
02	L61709	SIDE SLIDE PAD 3" x 4"	4	22	L71214	THRUST WASHER	2
03	L62734	SHIM 0.105" x 3" x 4"	4	23	L71212	SHEAVE PIN	2
04	L62733	SHIM 0.06" x 3" x 4"	4		650818	3/8-16" x 3" BOLT	2
	650488	3/8"-16 x 3/4"	8		L520005	NYLON INSERT NUT 3/8	2
05	L61708	TOP SLIDE PAD 4" x 6"	1	24	L70963	HOSE TRAY WELDMENT	1
06		SHIM	AR		650485	5/16"-18 x 5/8"	2
	L63475	SHIM, 1/2" x 4" X 6"			L520004	NYLON INSERT NUT 5/16"	2
	L62731	SHIM, 1/16" x 4" X 6"		25	L69524	INNER TRAY BRACKET	1
	L62732	SHIM, 1/8" x 4" X 6"			650485	5/16"-18 x 5/8"	2
07	L62715	BOLT FLAT LOCK	2		654024	LOCKWASHER 5/16"	2
	650533	3/8"-16 x 1-1/2" BOLT	4		L68349	CUSHION MNT PLATE (weld on) AR	
09	L62715	BOLT FLAT LOCK	4	26	L50092	HEX NUT 1"-8	2
	650533	3/8"-16 x 1-1/2" BOLT	8	27	L71245	SPACER	2
12	101028	FIXED CLEVIS	1	28	L71420	SLIDE PAD (w/integrated clamp) ..	2
	L71021	SET SCREW #10-24 x 3/4"	2	29	L71419	SPACER PAD (w/integrated clamp) ..	2
	L50380	1/2"-20 x 1-1/4" GR8 BOLT	3	30	210759	SLIDE PAD (w/integrated clamp) ..	2
	L50142	LOCK WASHER 1/2"	3	31	210760	SPACER PAD (w/integrated clamp) ..	2
13	L71005	FIXED CHAIN PIN	1				
14	L71007	CHAIN PIN	1	50 ^a	101212	LEAF CHAIN (extend)	1
	L560003	COTTER PIN 3/32" x 1-1/4"	1	53 ^a	L71001	LEAF CHAIN (retract)	1
16	L71006	ADJUSTABLE CLEVIS	1				
17	L10465	GREASE ZERK, STR. 1/4"-28	2				
18	L71017	SHEAVE SPACER	2				
19	L71008	CHAIN SHEAVE	2				
20	L49618	ROLLER BEARING	2				

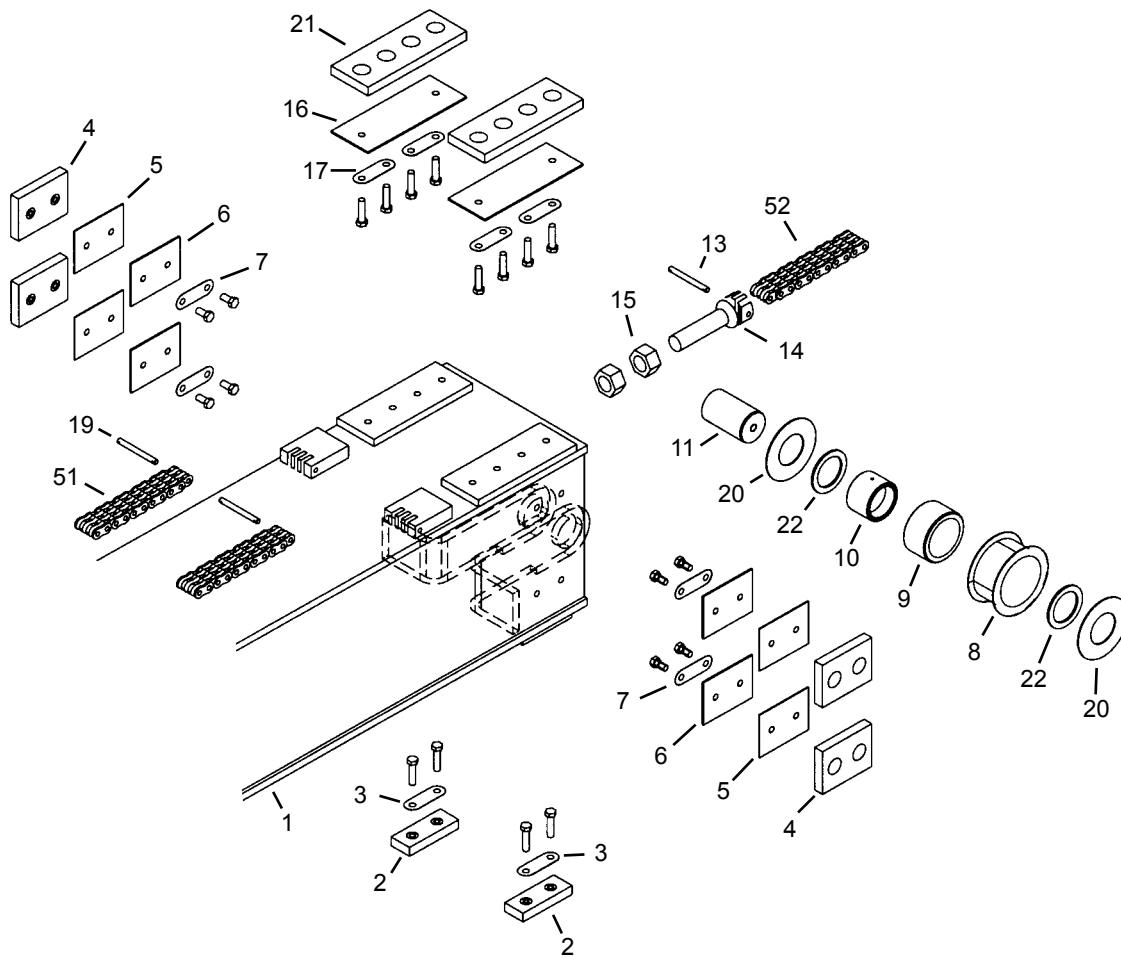
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Boom - Four-Section Low

Second Intermediate Boom - Rear Section

Mustang Telehandler



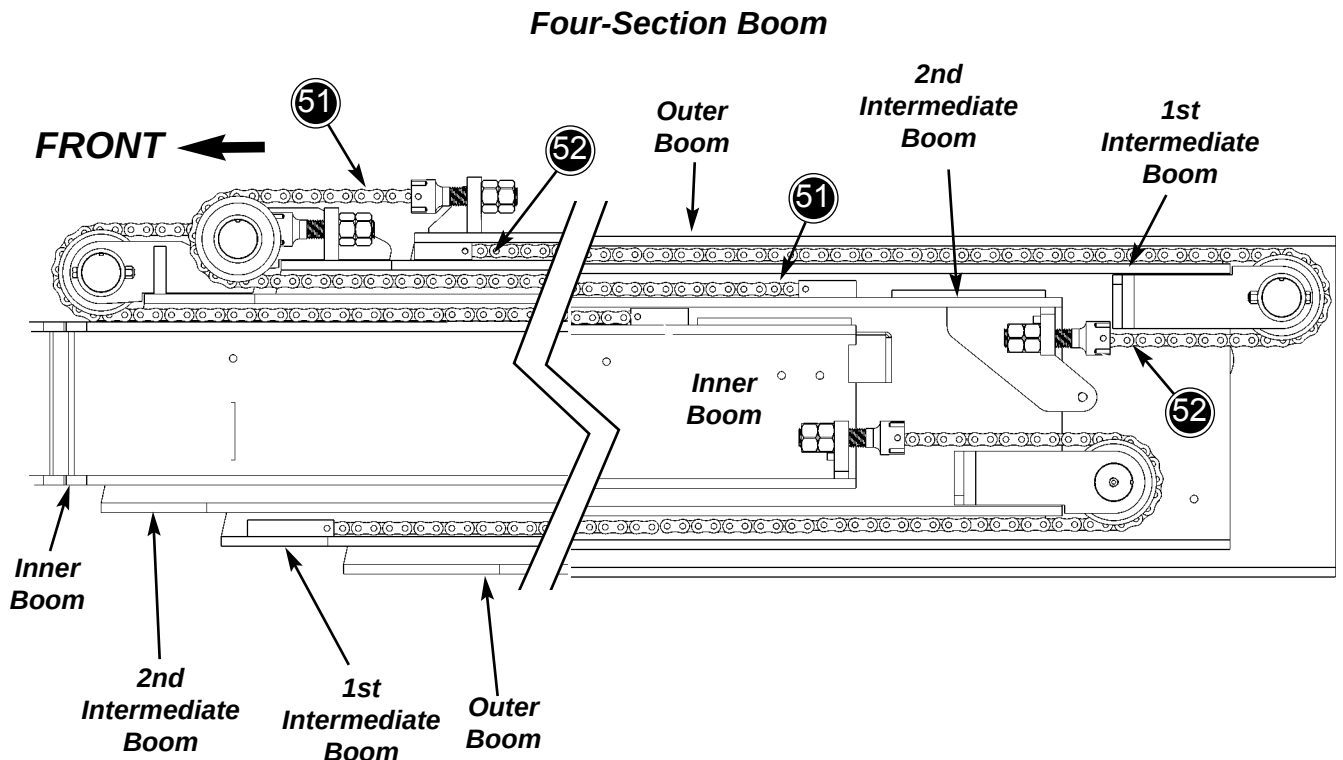
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Boom - Four-Section Low

Second Intermediate Boom - Rear Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70912	2ND-INTERMEDIATE BOOM.....	1	16	L66783	SHIM 0.105" x 3" x 8"	2
02	L71003	SLIDE PAD 1.5" x 4"	2	17	L62715	BOLT FLAT LOCK	4
03	L62715	BOLT FLAT LOCK	2		650533	3/8" x 1-1/2" BOLT	8
	650533	3/8"X1-1/2" BOLT	4	19	L71007	CHAIN PIN	2
04	L61709	SLIDE PAD 3" x 4"	4		L560003	3/32" x 1-1/4" COTTER PIN	4
05	L62733	SHIM 0.06" x 3" x 4"	4	20	L71214	THRUST WASHER	2
06	L62734	SHIM 0.105" x 3" x 4"	4	21	L71011	SLIDE PAD 3" x 8"	2
07	L62715	BOLT FLAT LOCK	4	22	L71245	SPACER	2
	650488	3/8" x 3/4" BOLT	8				
08	L71008	CHAIN SHEAVE	1	51 ^a	L71000	LEAF CHAIN (<i>extend</i>)	2
09	L49618	ROLLER BEARING	1	52 ^a	L71001	LEAF CHAIN (<i>retract</i>)	1
10	L49619	INNER RING	1				
11	L71213	SHEAVE PIN	1				
13	L71007	CHAIN PIN	1				
	L560003	3/32" x 1-1/4" COTTER PIN	2				
14	L71006	ADJUSTABLE CLEVIS	1				
15	L50092	1" NUT	2				

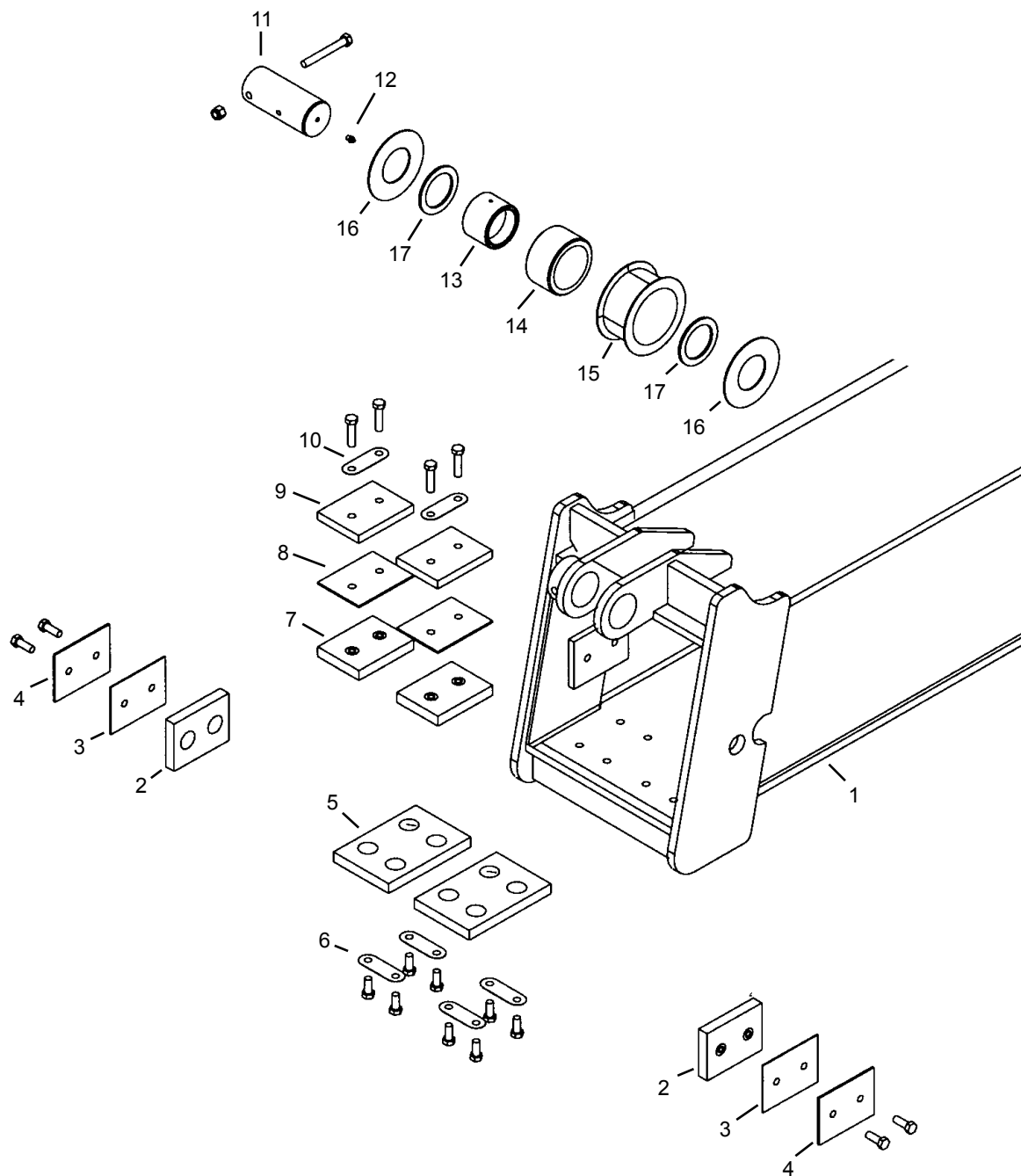
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Boom - Four-Section Low

Second Intermediate Boom - Front Section

Mustang Telehandler



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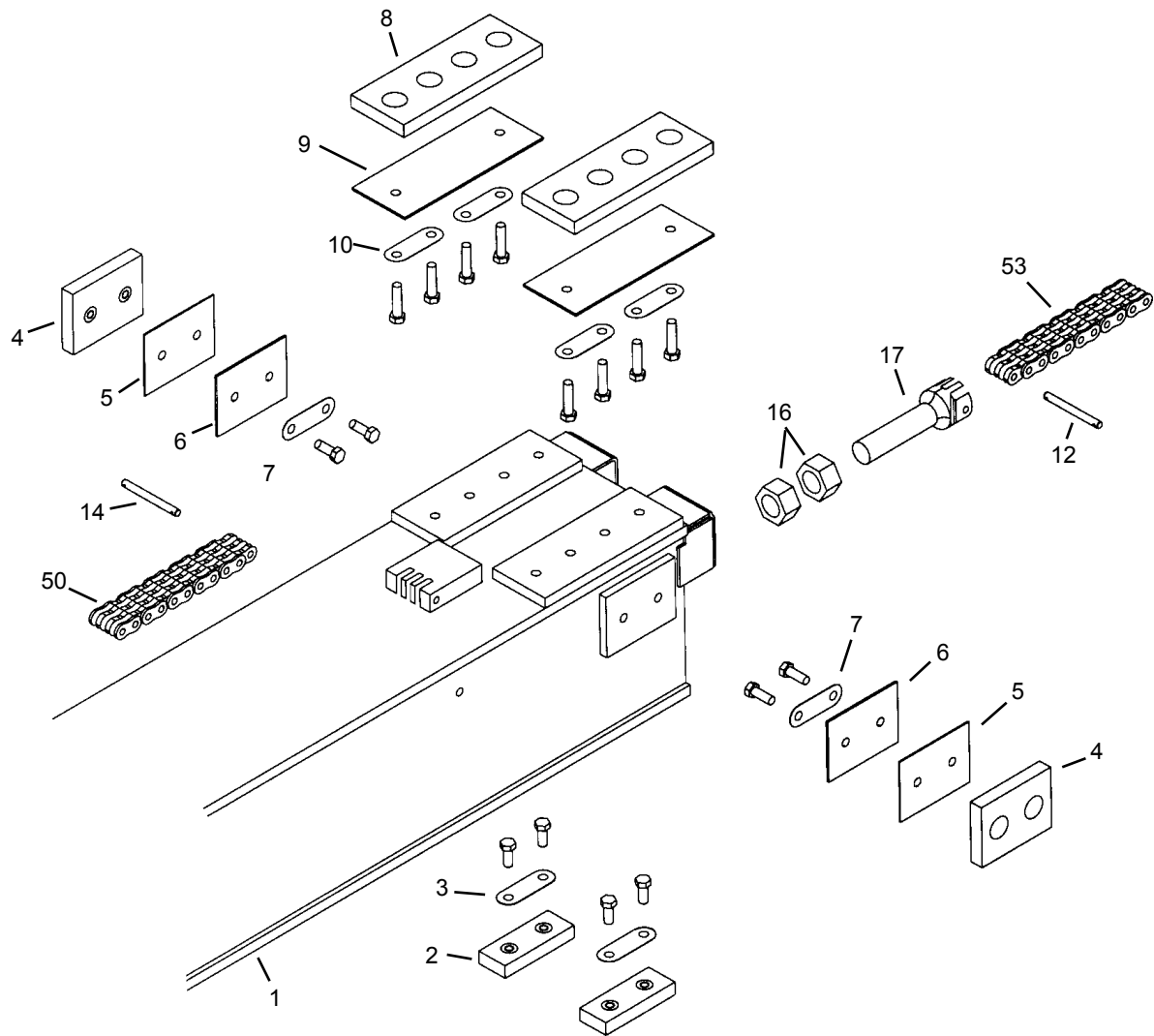
Boom - Four-Section Low
Second Intermediate Boom - Front Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70912	2ND-INTERMEDIATE BOOM	1	10	L62715	BOLT FLAT LOCK	2
02	L61709	SLIDE PAD 3" x 4"	2		650533	3/8" x 1-1/2" BOLT	4
	650490	3/8" x 1" BOLT	4	11	L71206	SHEAVE PIN	1
03	L62733	SHIM 0.06" x 3" x 4"	2		650818	3/8" x 3" BOLT	1
04	L62734	SHIM 0.105" x 3" x 4"	2		L520005	3/8" NYLON INSERT NUT	1
05	L71020	BOTTOM SLIDE PAD 4" x 6"	2	12	L10465	GREASE ZERK STR. 1/4"-28	1
06	L62715	BOLT FLAT LOCK	4	13	L49619	INNER RING	1
	L510007	3/8" x 7/8" BOLT	8	14	L49618	ROLLER BEARING	1
07	L61709	SLIDE PAD 3" x 4"	2	15	L71008	CHAIN SHEAVE	1
08	L62734	SHIM 0.105" x 3" x 4"	2	16	L71214	THRUSTWASHER	2
09	L64143	SHIM 0.50" x 3" x 4"	2	17	L71245	SPACER	2

Boom - Four-Section Low

Mustang Telehandler

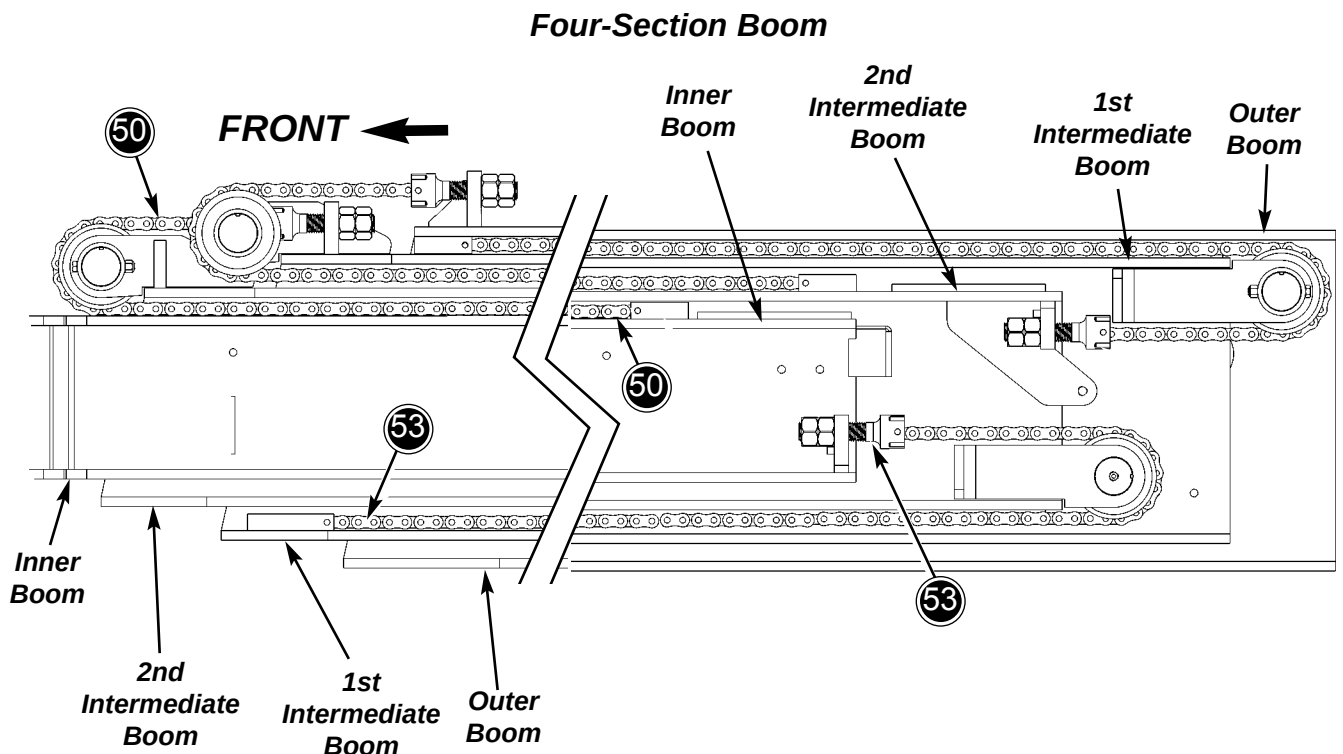
Inner Boom - Rear Section



744 / 944 / 1155**Boom - Four-Section Low****Inner Boom - Rear Section**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100120	INNER WELDMENT	1	12	L71007	CHAIN PIN	1
02	L71003	BOTTOM SLIDE PAD 1.5" x 4"	2		L560003	3/32" x 1-1/4" COTTER PIN	2
03	L62715	BOLT FLAT LOCK	2	14	L71007	CHAIN PIN	1
	L510007	3/8" x 7/8" BOLT	4		L560003	3/32" x 1-1/4" COTTER PIN	2
04	L61709	SLIDE PAD 3" x 4"	2	16	L50092	1" NUT	2
05	L62733	SHIM 0.06" x 3" x 4"	2	17	L71006	ADJUSTABLE CLEVIS	1
06	L62734	SHIM 0.105" x 3" x 4"	2				
07	L62715	BOLT FLAT LOCK	2				
	650490	3/8" x 1" BOLT	4	50 ^a	101212	LEAF CHAIN (<i>extend</i>)	1
08	L71011	SLIDE PAD 3" x 8"	2	53 ^a	L71001	LEAF CHAIN (<i>retract</i>)	1
09	L66783	SHIM 0.105" x 3" x 8"	2				
10	L62715	BOLT FLAT LOCK	4				
	650533	3/8" x 1-1/2" BOLT	8				
11	L71006	ADJUSTABLE CLEVIS	1				

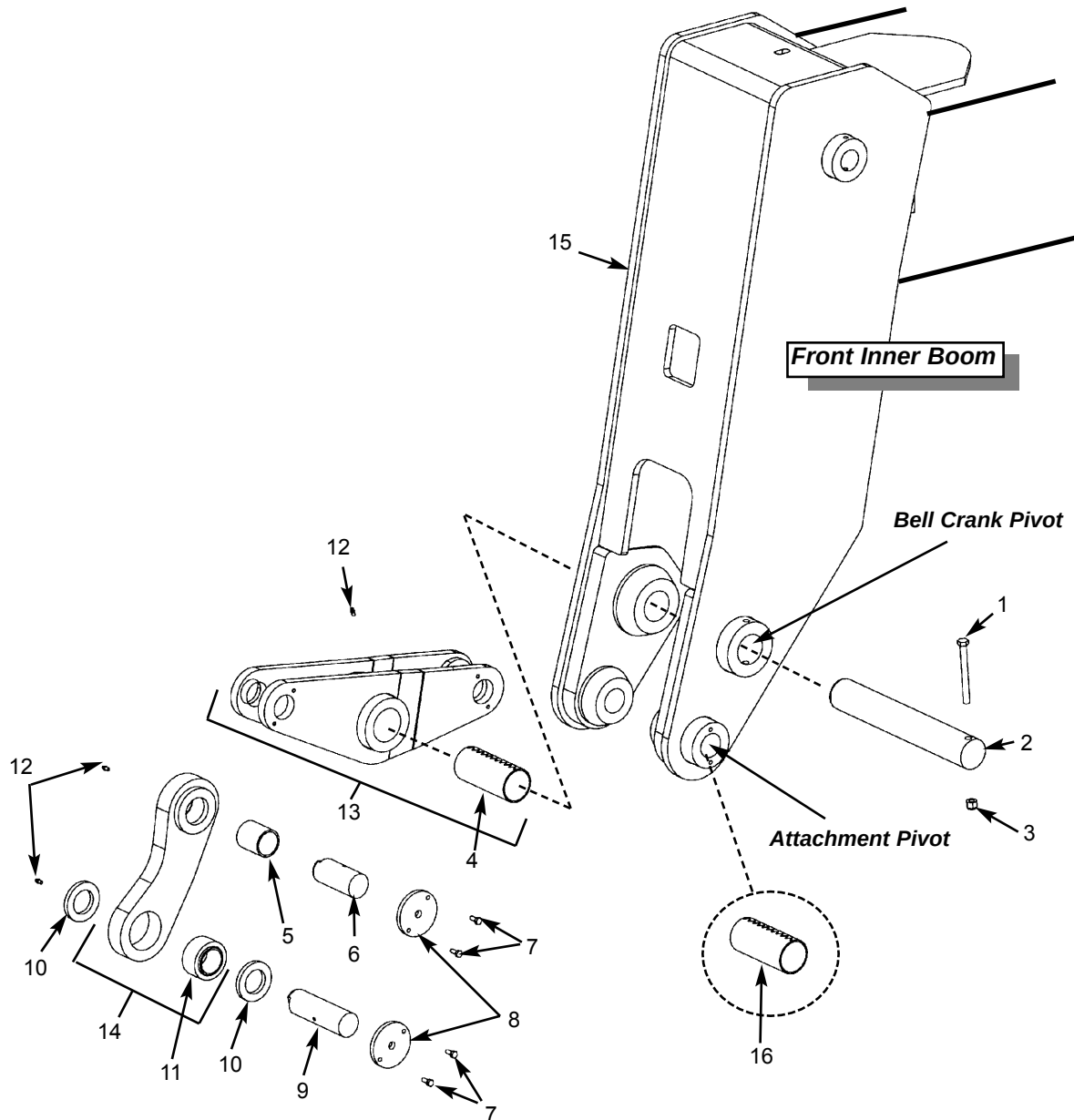
a This parts manual shows the same chain(s) on multiple pages. Before ordering chains, refer to the illustration below to avoid ordering the incorrect chain(s) or incorrect quantities.



Boom - Four-Section Low

Inner Boom - Front Section

Mustang Telehandler

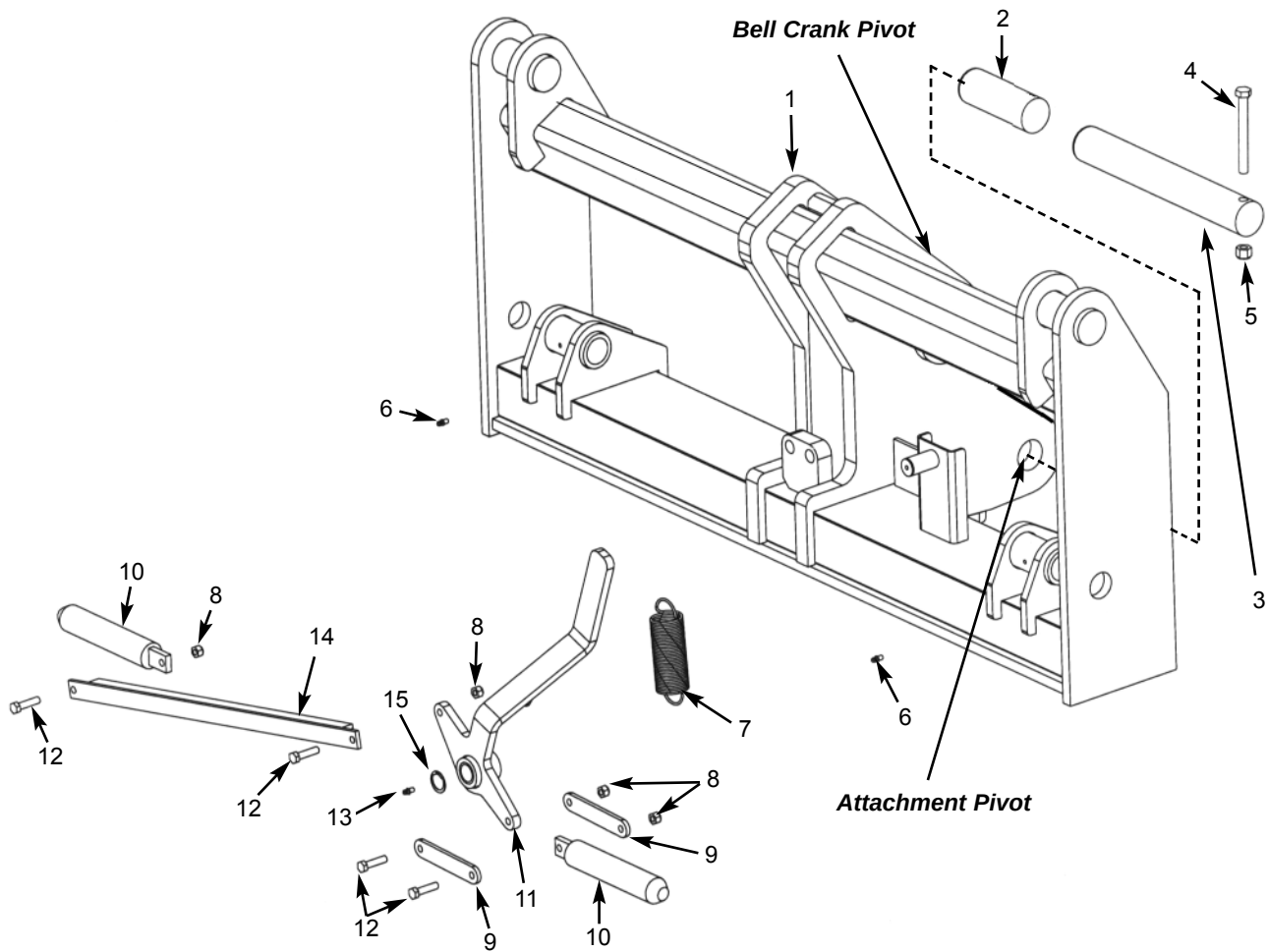


744 / 944 / 1155**Boom - Four-Section Low*****Inner Boom - Front Section***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50462	1/2-13 x 5" BOLT	1	10	L69973	Z-BAR SPACER	2
02	L71547	BELL CRANK PIVOT PIN	1	11	L69964	SPHERICAL BEARING	1
03	L520019	1/2"-13 NYLON INSERT NUT	2	12	L10465	ZERK 1/4"-28 STRAIGHT	3
04	210384	SPRING BUSHING	1	13	210539	BELL CRANK W/BUSHING	1
05	L69965	SPRING BUSHING	1			<i>(includes item 4)</i>	
06	L69952	BELL CRANK END PIN	1	14	L69963	Z-BAR LINK	1
07	650486	5/16"-18 x 3/4" BOLT	6			<i>(includes items 5, 11)</i>	
08	L69724	PIVOT PIN CAP	AR	15	100120	LOW INNER BOOM WELDMENT .	1
09	L69968	Z-BAR LINK PIN	1	16	L69723	BUSHING	2

Boom - Four-Section Low Quickattach™ Bracket II (Standard)

Mustang Telehandler

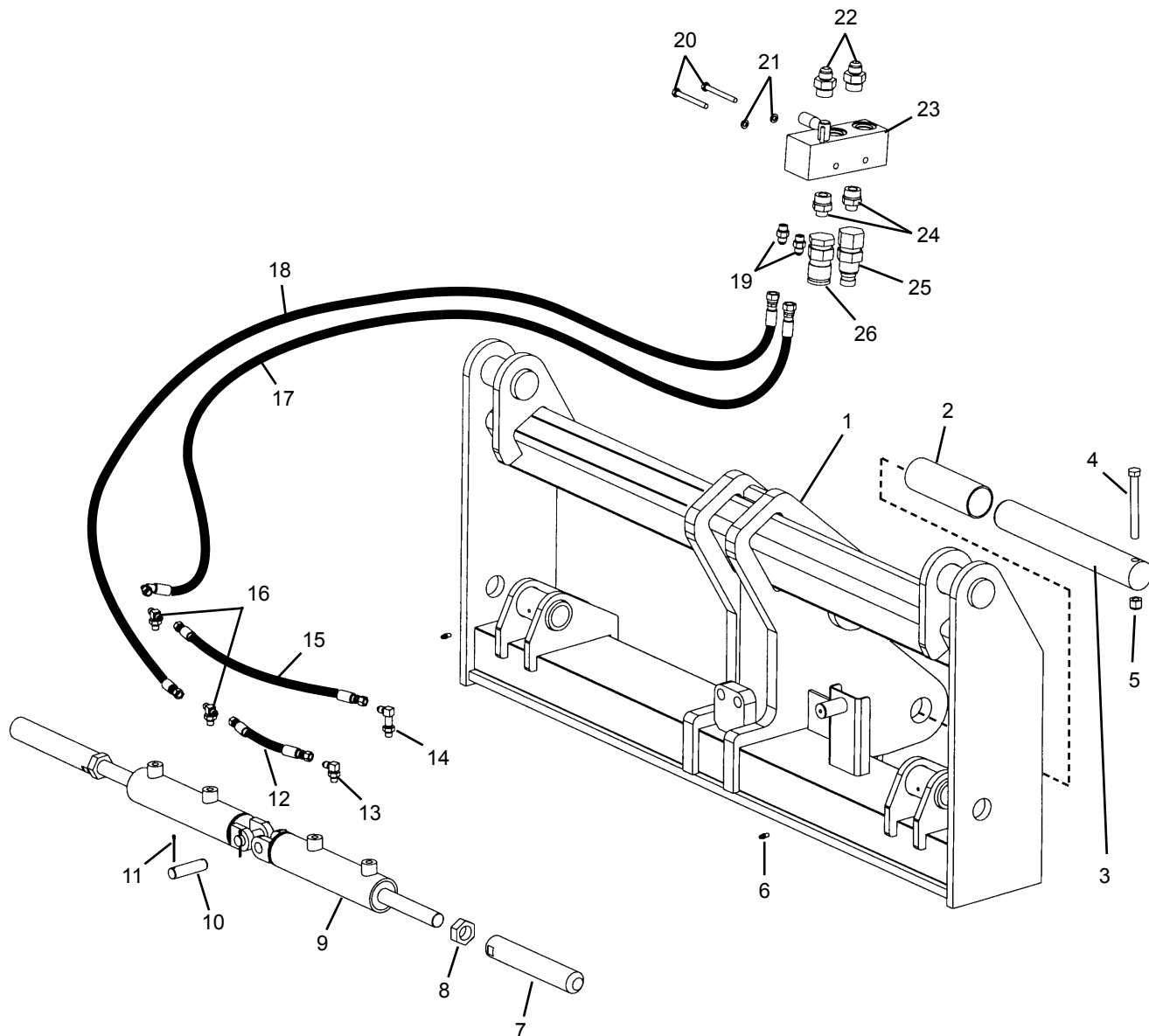


744 / 944 / 1155**Boom - Four-Section Low
Quickattach™ Bracket II (Standard)**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100247	QUICKATTACH II WELDMENT	1	09	L67106	LOCK COUPLER BAR	2
02	101351	BUSHING	1	10	L67105	LOCK PIN WELDMENT	2
03	100118	CARRIER PIVOT PIN	1	11	L67100	LOCK HANDLE WELDMENT	1
04	L50986	1/2"-13 x 4-1/2" BOLT	1		L67099	BRONZE BUSHING	1
05	L520019	1/2"-13 NYLON INSERT NUT	1	12	650533	3/8-16 x 1-1/2" BOLT	4
06	L10465	1/4"-28 GREASE ZERK, STR. . . .	3	13	L10465	1/4"-28 GREASE ZERK, STR. . . .	4
07	L67448	LATCH SPRING	1	14	L67107	LATCH COUPLER BAR	1
08	L520005	3/8"-16 NYLON INSERT NUT	4	15	L276632	1" RETAINING CLIP	1

Boom - Four-Section Low Quickattach™ Bracket (Standard)

Mustang Telehandler



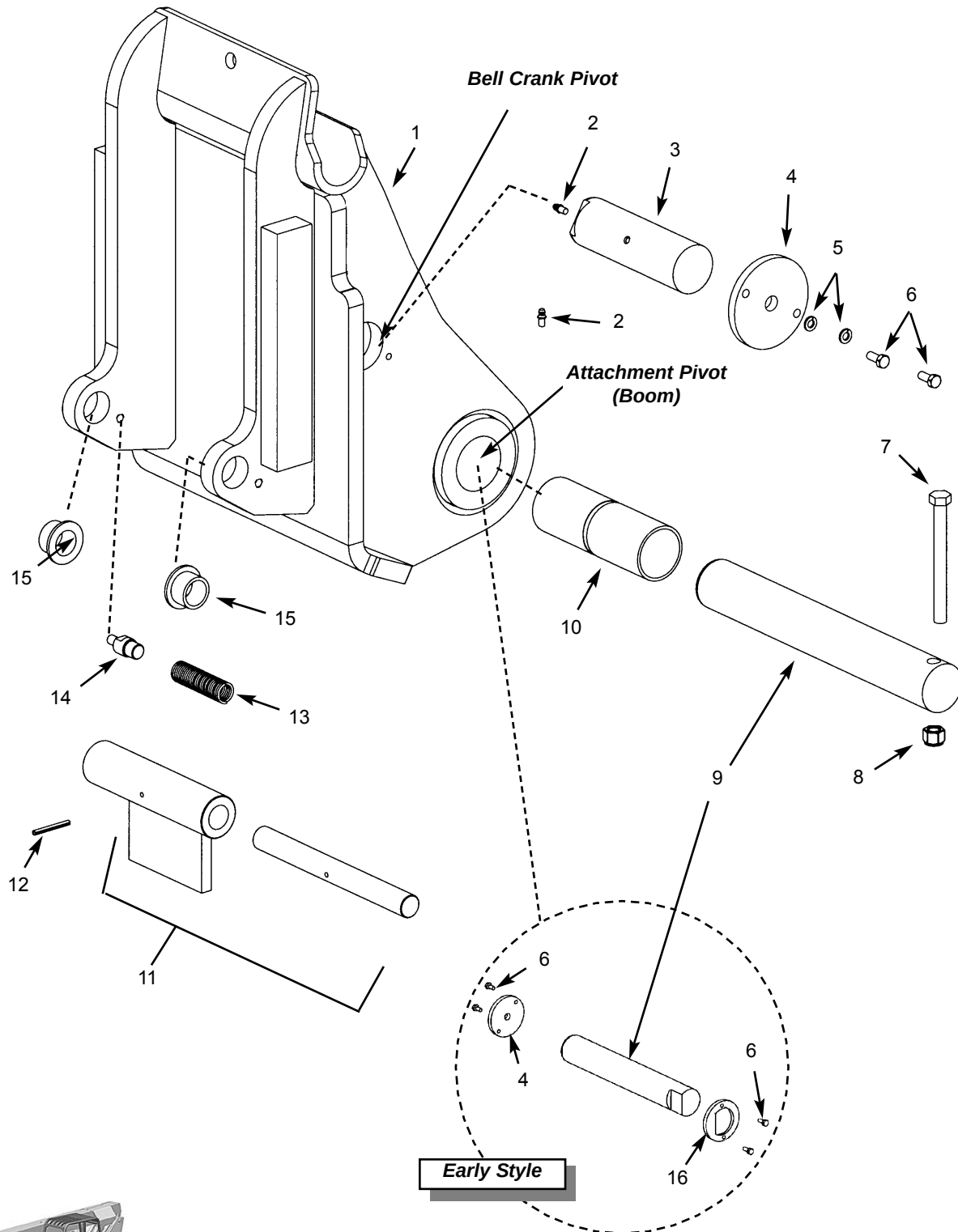
744 / 944 / 1155

Boom - Four-Section Low Quickattach™ Bracket (Standard)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	100247	QUICKATTACH II WELDMENT	1	15	L71601	HOSE, -4 A4/A4 22"	1
02	101351	BUSHING	1	16	230-32753	ADAP., -4 ORM -4JICM TEE	2
03	100118	CARRIER PIVOT PIN	1	17	L71654	HOSE, -4 DS4/A6 33"	1
04	L50986	1/2"-13 x 4-1/2" BOLT	1	18	L71602	HOSE, -4 A4/A6 38"	1
05	L520019	1/2"-13 NYLON INSERT NUT	1	19	054994	ADAP., -6ORM -6JICM STR.	2
06	L10465	1/4"-28 GREASE ZERK, STR.	3	20	650833	5/16"-18 x 3" BOLT	2
07	L71551	ATTACHMENT LOCK PIN.	2	21	654024	5/16" LOCK WASHER.	2
08	210-32160	1" JAM NUT.	2	22	072602	ADAP., -12ORM -12JICM STR.	2
09	L71425	LOCK CYLINDER W/SPRING	2	23	L71647	ATTACH REL. MANIFOLD	1
10	L71552	PIN, RELEASE CYL BASE	2		L500585	HANDLE	1
11	L50604	1/8" x 1-1/2" COTTER PIN	4	24	L448013	ADAP., -12ORM -8ORM STR.	2
12	L71600	HOSE, -4 A4/A4 10"	1	25	L71686	MALE COUPLER	1
13	095601	ADAP., -4ORM -4JICM 90°	1	26	L71687	FEMALE COUPLER	1
14	L445123	ADAP., -4ORM -4JICM 90° LONG	1				

Boom - Four-Section Low Quickattach™ II Bracket

Mustang Telehandler



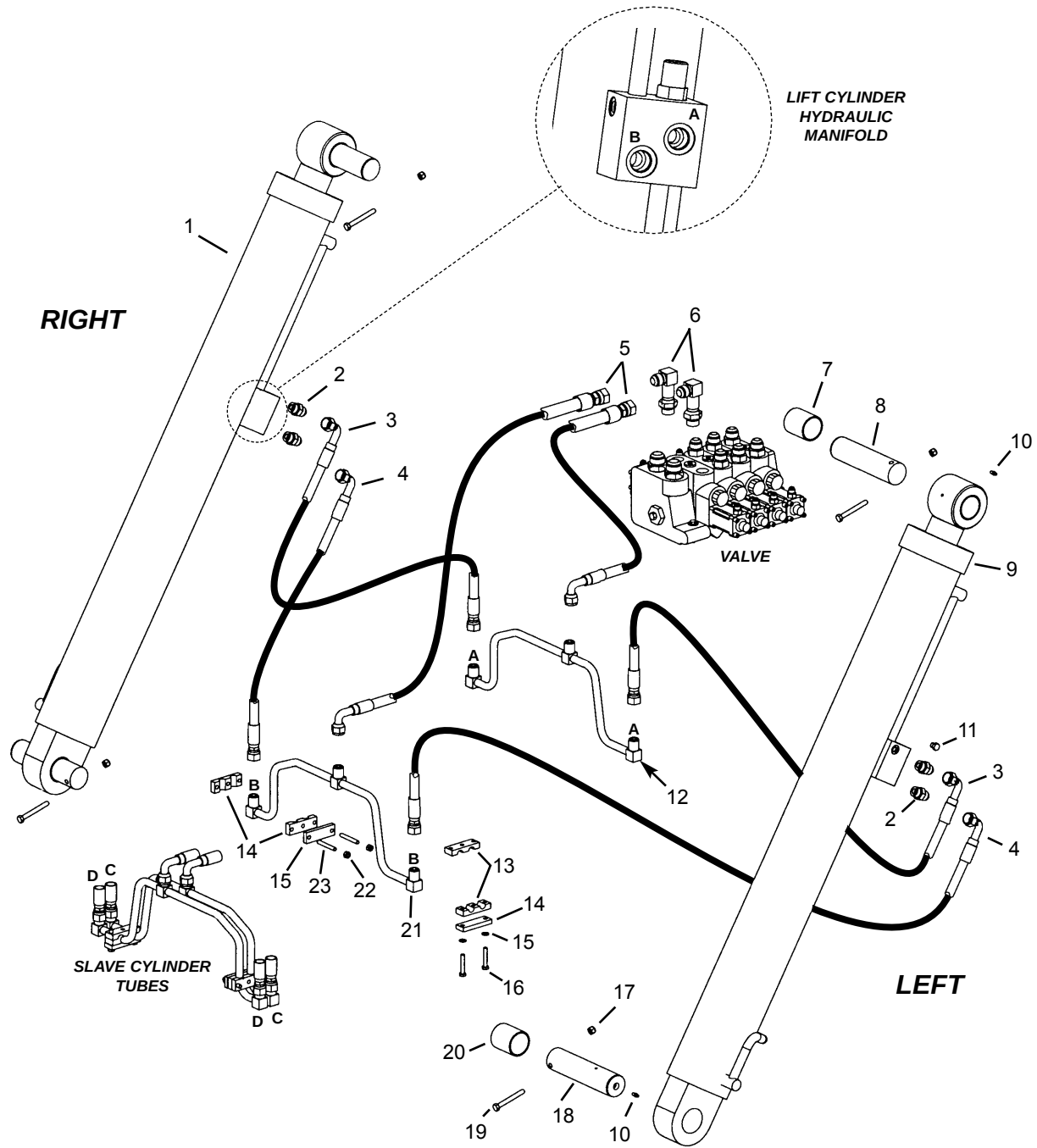
744 / 944 / 1155**Boom - Four-Section Low
Quickattach™ Bracket II**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101053	QUICKATTACH WELDMENT	1	10	101351	BUSHING	1
02	L10465	1/4" -28 STR GREASE ZERK	2	11	L66453	LOCK AND PIN ASSEMBLY	1
03	L69968	Z-BAR LINK PIN	1	12	L50646	3/16" x 1-3/4" ROLL PIN	1
04	L69724	PIN CAP	1	13	L65097	LOCK SPRING	1
05	654024	5/16" LOCK WASHER	2	14	L65098	SPRING MOUNT	1
06	650486	5/16" x 3/4" BOLT	2	15	L66456	BUSHING	2
07	L50462	1/2" x 5" BOLT	1	16	L69725	PIN LOCK CAP	1
08	L520019	1/2" NYLON INSERT NUT	1				
09	100118	CARRIER PIVOT PIN	1				

Boom Hydraulics

Boom Lift Cylinder Group

Mustang Telehandler



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Boom Hydraulics Boom Lift Cylinder Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69125	LIFT CYLINDER 1 (Model 744)		10	L10465	1/4"-28 GREASE ZERK STR 4	
	L69135	LIFT CYLINDER 1 (Models 944 and 1155)		11	230-32364	PLUG -4ORM 2	
02	072580	ADAP., -10ORM -10JICM STR 4		12	L69557	LIFT/SLAVE TUBE ASSEMBLY ... 1	
03	L70806	HOSE, -8 A10/DS10 24" 2		13	L68039	DOUBLE TUBE CUSHION 4	
04	L70460	HOSE, -8 A10/DS10 23" 2		14	L63715	TWIN CUSHION TOP PLATE 2	
05	L69913	HOSE, -12 A12/DS10 36" 2		15	654024	5/16" LOCK WASHER 2	
06	140883	ADAP., -12ORM -12JICM 90°LNG . 2		16	650692	5/16"-18 x 1-3/4" BOLT 2	
07	L69142	BUSHING 2" x 2.25" x 3.5" 2		17	L520005	3/8"-16 NYLON INSERT NUT 4	
08	L69600	LIFT PIN (rod end) 2		18	L69599	LIFT PIN (base end) 2	
09	L69125	LIFT CYLINDER 1 (Model 744)		19	650818	3/8"-16 x 3" BOLT 4	
	L69135	LIFT CYLINDER 1 (Models 944 and 1155)		20	L69138	BUSHING 2	
				21	L69558	LIFT/SLAVE TUBE ASSEMBLY ... 1	
				22	L520004	5/16"-18 NYLON INSERT NUT 2	
				23	L50877	5/16"-18 x 2-1/4" STUD 2	

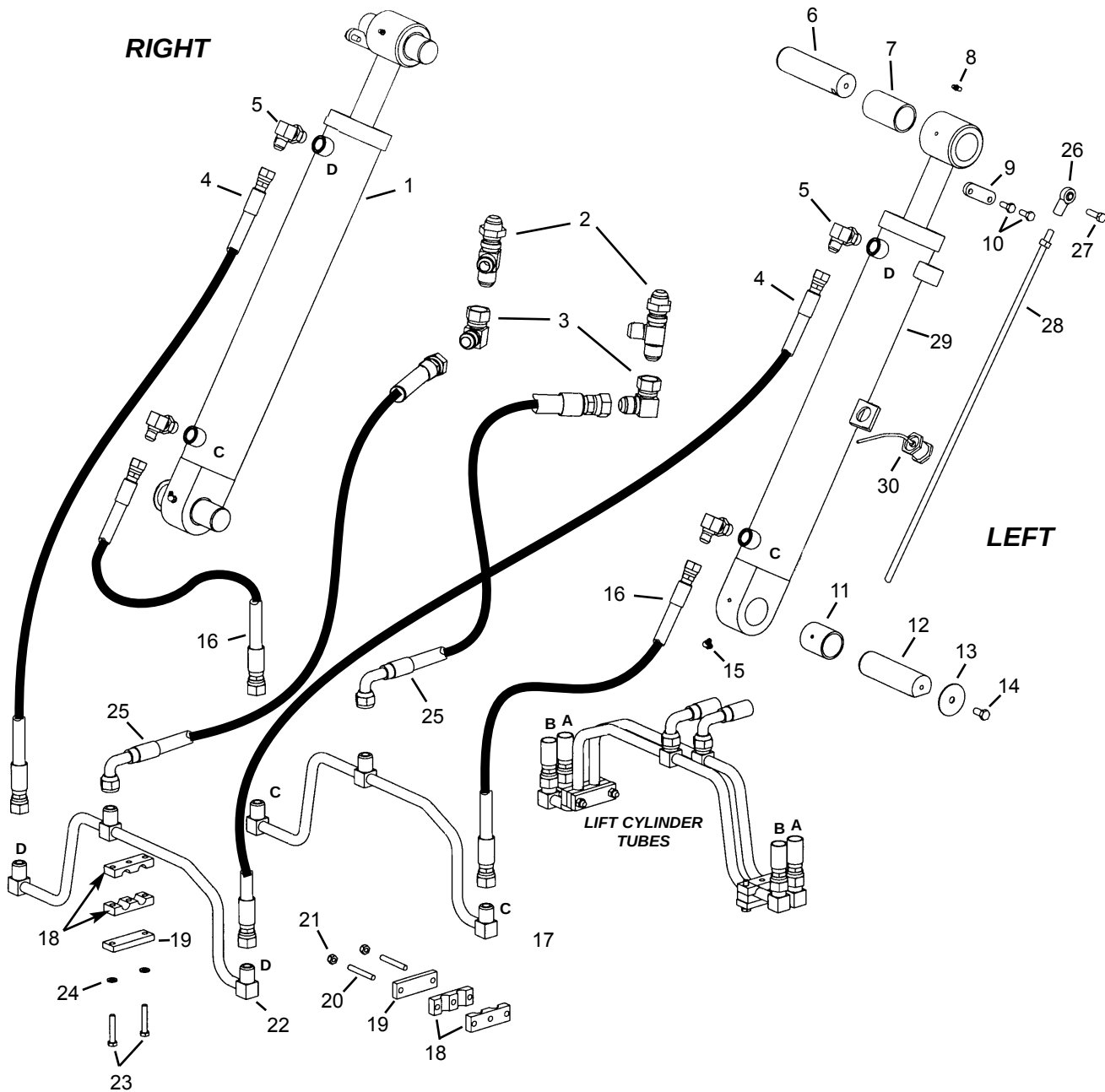
Hose Locator

Ref No.	From Port	To Port
03	LIFT CYLINDER/MANIFOLD "A"	LIFT/SLAVE TUBE ASSEMBLY "A" (as shown)
04	LIFT CYLINDER/MANIFOLD "B"	LIFT/SLAVE TUBE ASSEMBLY "B" (as shown)
05	LIFT/SLAVE TUBE ASSEMBLY "A & B"	VALVE "A & B" (as shown)

Boom Hydraulics

Boom Slave Cylinder Group

Mustang Telehandler



744 / 944 / 1155**Boom Hydraulics**
Boom Slave Cylinder Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69149	SLAVE CYLINDER (right)	1	17	L69558	LIFT/SLAVE TUBE ASSEMBLY . . .	1
		(high boom models)		18	L68039	DOUBLE TUBE CUSHION	4
	L69139	SLAVE CYLINDER (right)	1	19	L63715	TWIN CUSHION TOP PLATE	2
		(low boom models)		20	L50877	5/16"-18 x 2-1/4" STUD	2
02	P471299	ADAP., -12JICM BLKHD R TEE . . .	2	21	L520004	5/16"-18 NYLON INSERT NUT	2
03	075235	ADAP., -12JICFS -12JICM 90° . . .	2	22	L69557	LIFT/SLAVE TUBE ASSEMBLY . . .	1
04	L69910	HOSE, -8 A8/A10 57"	2	23	650692	5/16"-18 x 1-3/4" BOLT	2
05	054816	ADAP., -8ORM -8JICM 90°	4	24	654024	5/16" LOCK WASHER	2
06	L70176	SLAVE CYLINDER PIN (rod end) . .	2	25	L69908	HOSE, -8 A12/DS10 50"	2
07	L63018	BUSHING 660 1.5" x 3.0"	2	26	L70183	3/8" ROD END	1
08	L10465	1/4"-28 GREASE ZERK STR	2	27	650491	3/8"-16 x 1-1/4" BOLT	1
09	L70177	PIN LOCK BAR	2	28	L70182	PROXIMITY SENSOR ROD	1
10	650486	5/16"-18 x 3/4" BOLT	4		090666	3/8"-24 NUT	1
11	L68003	BUSHING	2	29	L70251	SLAVE CYLINDER (left)	1
12	L71222	SLAVE CYLINDER PIN	2			(high boom models)	
13	L50170	WASHER, 0.41" x 2"	2		L70240	SLAVE CYLINDER (left)	1
14	650488	3/8"-16 x 3/4" BOLT	2			(low boom models)	
15	L10057	1/4"-28 GREASE ZERK 90°	2	30	L71165	PROXIMITY SWITCH	1
16	L69911	HOSE, -8 A8/A10 38"	2				

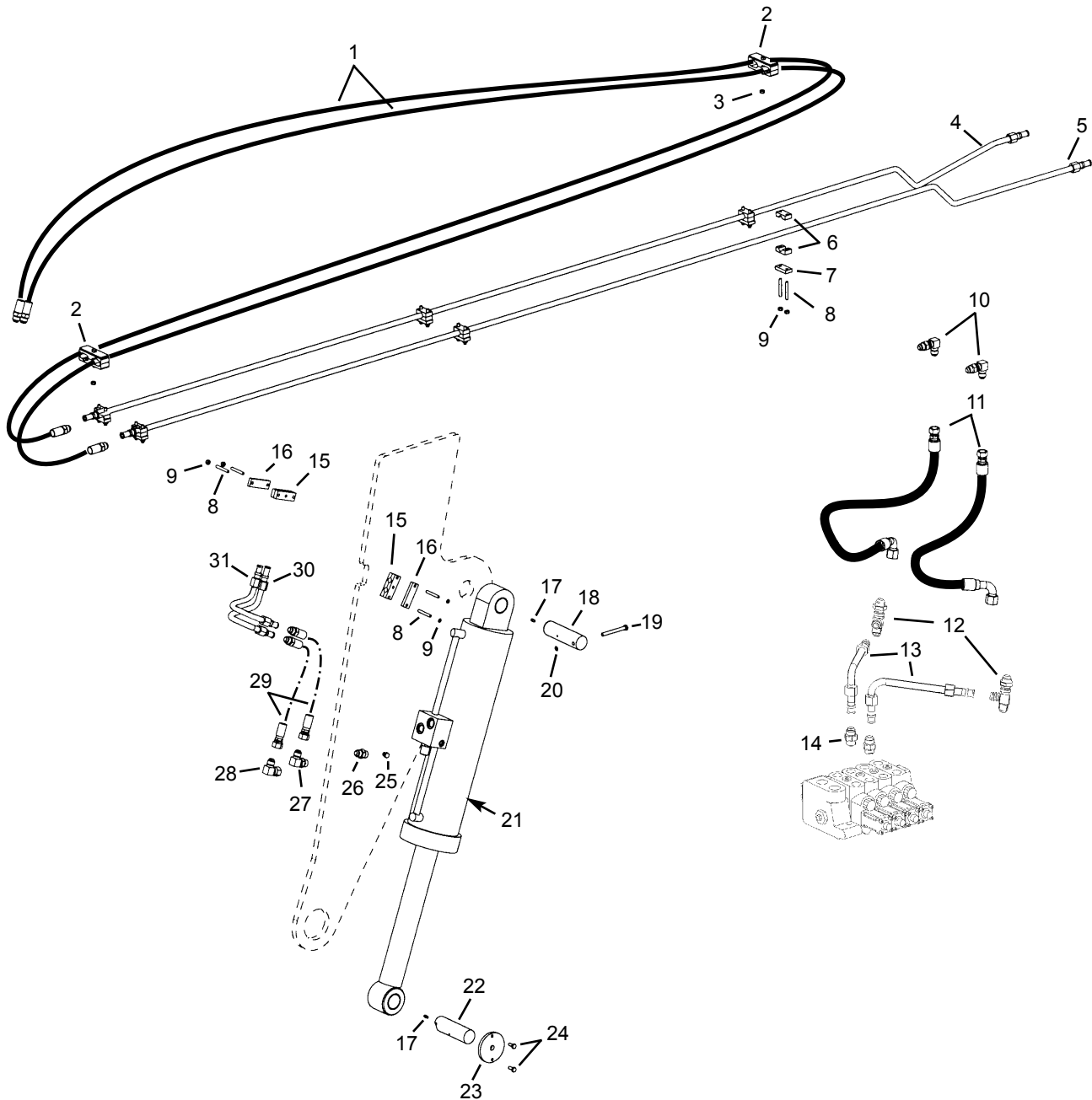
Hose Locator

Ref No.	From Port	To Port
04	SLAVE CYLINDER "D"	LIFT/SLAVE TUBE ASSEMBLY "D" (as shown)
16	SLAVE CYLINDER "C"	LIFT/SLAVE TUBE ASSEMBLY "C" (as shown)
25	LIFT/SLAVE TUBE ASSEMBLY "D"	(RIGHT) BULKHEAD TEE FITTING ABOVE
25	LIFT/SLAVE TUBE ASSEMBLY "C"	(LEFT) BULKHEAD TEE FITTING ABOVE

Boom Hydraulics

Mustang Telehandler

Tilt Cylinder Group - Three-Section High Boom



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Boom Hydraulics

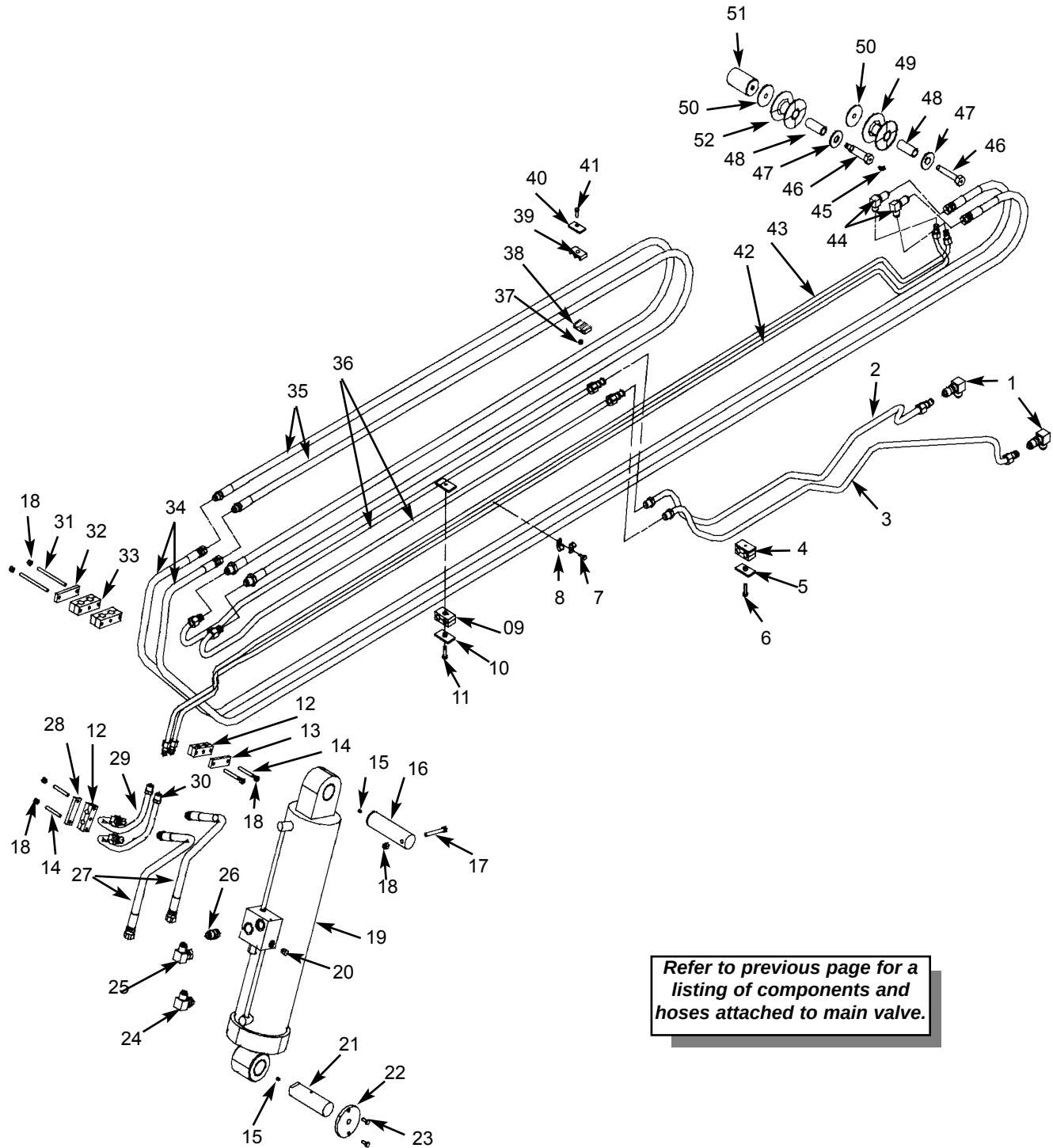
Tilt Cylinder Group - Three-Section High Boom

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		HOSE, -8 H10/H10	2	15	L68039	TUBE CUSHION DBL 5/8"	4
	L70092	<i>Used with 40' High Boom</i>		16	L63715	HOSE CUSHION TOP PLATE	2
	L69944	<i>Used with 44" High Boom</i>		17	L40165	1/4"-28 GREASE ZERK STR.	2
	L500784	HOSE SLEEVE	1	18	L69601	PIN, TILT CYL BASE END	1
02	L79167	HOSE CLAMP ASSEMBLY	2	19	650731	3/8"-16 x 3-1/2" BOLT	1
03	L50056	5/16"-18 FLARE NUT	2	20	L520005	3/8" NYLON INSERT NUT	1
04	L69453	TILT CYLINDER TUBE	1	21	L69144	TILT CYLINDER	1
05	L69452	TILT CYLINDER TUBE	1	22	L69727	PIN, TILT CYL ROD END	1
06	L67341	TUBE CUSHION, SINGLE 5/8"	12	23	L69724	PIVOT PIN CAP	1
07	L67446	TUBE CUSHION TOP PLATE	6	24	650486	5/16"-18 x 3/4" BOLT	2
08	L50877	5/16"-18 x 2-1/4" STUD	16	25	230-32364	PLUG, AIRWAY -4ORM	1
09	L520004	5/16"-18 NYLON INSERT NUT	16	26	072580	ADAP., -10ORM -10JICM STR.	1
10	137542	ADAP., -10JICM BLKHD 90°	2	27	067761	ADAP., -10ORM -10JICM 90°	1
11	L69947	HOSE, -12 A10/DS12 42"	2	28	065415	ADAP., -10JICFS -10JICM 90°	1
12	P471299	ADAP., -12JICM BLKHD RUN TEE	2	29	L70088	HOSE, -8 A10/H10 20"	2
13	103900	TILT CYLINDER TUBE	2	30	L69449	TILT CYLINDER TUBE	1
14	072587	ADAP., -12ORM -12JICM STR	2	31	L69450	TILT CYLINDER TUBE	1

Boom Hydraulics

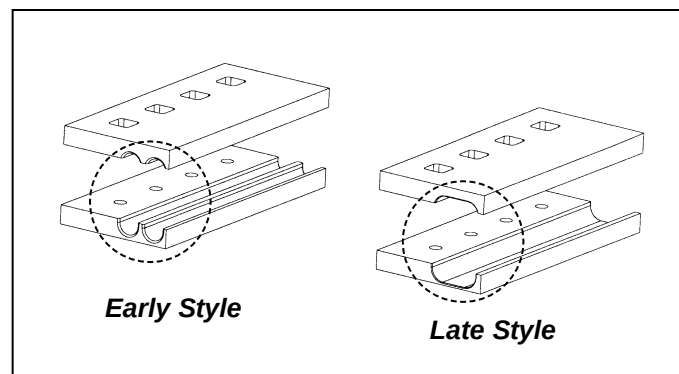
Mustang Telehandler

Tilt Cylinder Group - Four-Section High Boom



744 / 944 / 1155**Boom Hydraulics****Tilt Cylinder Group - Four-Section High Boom**

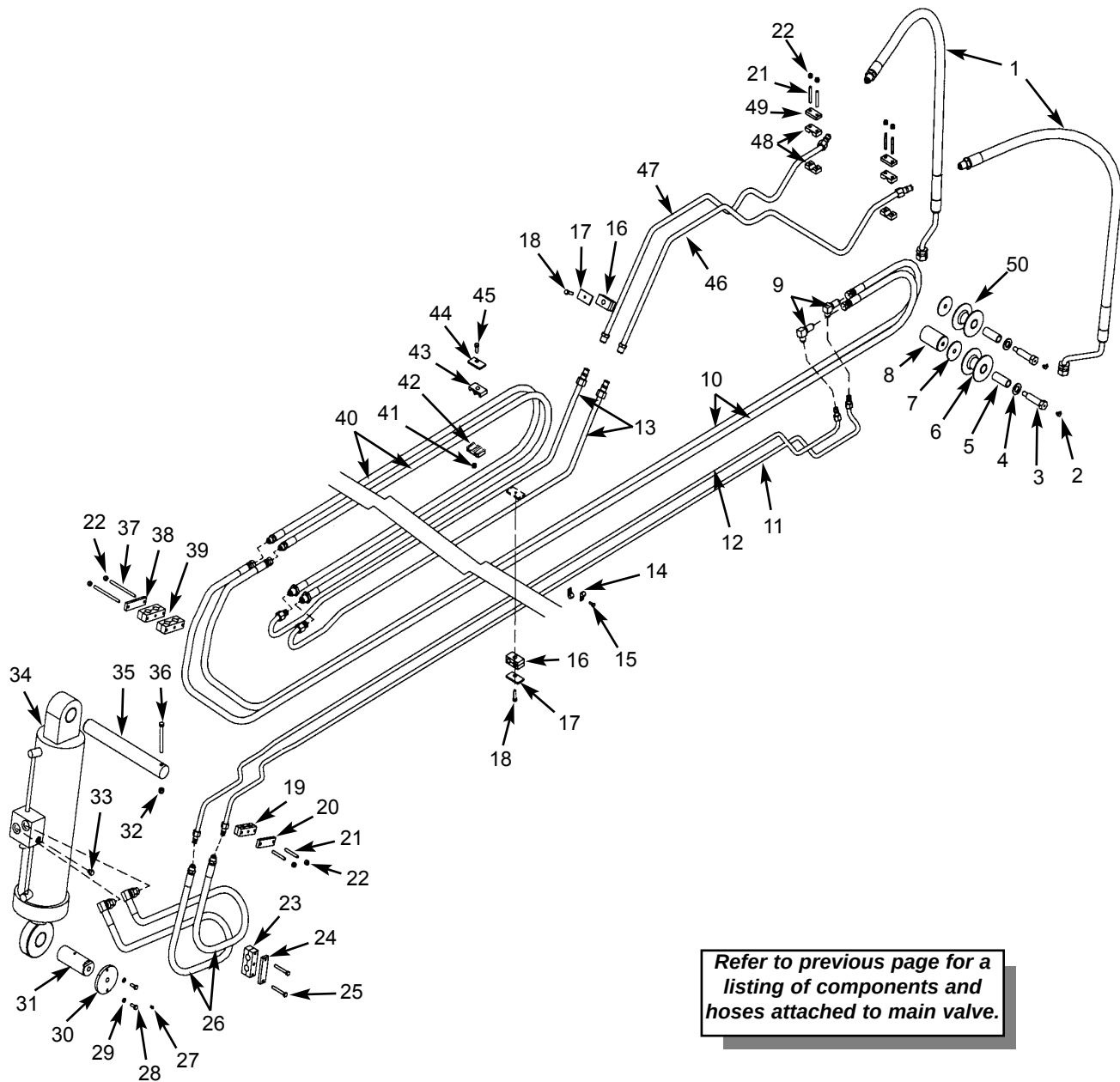
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	137542	ADAP., -10JICM BLKHD 90°	2	35	L71046	HOSE ASSEMBLY -8 x 290"	2
02	L71033	OUTER REAR TUBE	1		L99134	HOSE SLEEVE	1
03	L71034	OUTER REAR TUBE	1	36	L71035	OUTER FRONT TUBE	2
04	L69832	DOUBLE TUBE CLAMP 0.62"	1	37	L50056	NUT	1
05	L69833	CLAMP TOP PLATE	1	38	L71747	CLAMP BOTTOM	1
06	650545	5/16"-18 x 1-1/4" BOLT	1	39	L71705	CLAMP TOP	1
07	650663	1/4"-20 x 5/8" BOLT	5	40	L71748	TOP PLATE	1
08	L71042	VINYL CLAMP	10	41	L51035	5/16"-18 x 2" BOLT	1
09	L69832	DOUBLE TUBE CLAMP 0.62"	4	42	L71037	INNER TUBE	1
10	L69833	CLAMP TOP PLATE	4	43	L71036	INNER TUBE	1
11	650545	5/16"-18 x 1-1/4" BOLT	4	44	230-21555	ADAP., -8JICM BULKHEAD 90°	2
12	L63717	TWIN TUBE CUSHION 0.50"	1	45	L10057	GREASE ZERK 90° 1/4-28	1
13	L63715	TWIN NARROW TOP PLATE	1	46	L71016	RETAINER BOLT	1
14	L50877	STUD 5/16"-18 x 2-1/4"	2	47	654014	WASHER 3/4"	2
15	L10465	GREASE ZERK STR. 1/4"-28	2	48	L71389	RETAINER SPACER	2
16	L69601	BASE END PIVOT PIN	1	49	L71010	HOSE GUIDE	1
17	650818	3/8"-16 x 3" BOLT	1	50	L71014	PIN WASHER	2
18	L520005	3/8" NYLON INSERT NUT	1	51	L71213	PIN	1
19	L69144	TILT CYLINDER	1	52	L71347	HOSE GUIDE	1
20	230-32364	PLUG, -4ORM	1				
21	L69727	ROD END PIVOT PIN	1	a	Refer to Figure 1 (below). Use this part if the machine is equipped with the "Early Style" slide pad (found in the first intermediate boom - front section - lower).		
22	L69724	PIVOT PIN CAP	1	b	Refer to Figure 1 (below). Use this part if the machine is equipped with the "Late Style" slide pad (found in the first intermediate boom - front section - lower).		
23	650486	5/16"-18 x 3/4" BOLT	2	c	Hose assembly is replaced by Kit P/N 210994, which includes: (2) L63720 Twin Hose Cushions, (2) 210888 Twinline Hoses, (1) 210759 Spacer Pad with Clamp, and (1) 210760 Slide Pad with Clamp.		
24	067761	ADAP., -10ORM -10JIC 90°	1				
25	065415	ADAP., -10JICF -10JICM 90°	1				
26	072580	ADAP., -10ROM -10JICM STR	1				
27	L71043	HOSE ASSEMBLY -8 x 20"	2				
28	L63715	TWIN NARROW TOP PLATE	1				
29	L71038	INNER NOSE TUBE	1				
30	L71039	INNER NOSE TUBE	1				
31	L71104	STUD 5/16"-18 x 4-1/2"	2				
32	L63719	TWIN WIDE TOP PLATE	1				
33		TWIN HOSE CUSHION	2				
	L71421	Note a - (0.69")					
	L63720	Note b - (0.88")					
34		TWINLINE HOSE, -8 x 254"	1				
	210994	Note a and c - (Kit)					
	210888	Note b					

**Figure 1**

Boom Hydraulics

Mustang Telehandler

Tilt Cylinder Group - Four-Section Low Boom



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Boom Hydraulics

Tilt Cylinder Group - Four-Section Low Boom

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70632	HOSE ASSEMBLY -12 x 53"	2	35	L69976	BASE END PIN	1
02	L10057	GREASE ZERK 90° 1/4"-28	2	36	650742	3/8"-16 x 4" BOLT	1
03	L71016	HOSE RETAINER BOLT	2	37	L71104	STUD 5/16"-18 x 4-1/2"	2
04	654014	WASHER 3/4"	2	38	L63719	TWIN WIDE TOP CLAMP	1
05	L71389	HOSE RETAINER SPACER	2	39		TWIN HOSE CUSHION	2
06	L71347	HOSE GUIDE	1		L71421	<i>Note a - (0.69")</i>	
07	L71014	SHEAVE PIN WASHER	2		L63720	<i>Note b - (0.88")</i>	
08	L71213	REAR SHEAVE PIN	1	40	L71055	HOSE ASSEMBLY -8 x 268"	2
09	137542	ADAP., -10JICM BLKHD 90°	2		L99134	HOSE SLEEVE	1
10		TWINLINE HOSE, -8 x 254"	1	41	L50056	NUT	1
	210994	<i>Note a and c - (Kit)</i>		42	L71747	CLAMP BOTTOM	1
	210888	<i>Note b</i>		43	L71705	CLAMP TOP	1
11	L71037	INNER TUBE	1	44	L71748	TOP PLATE	1
12	L71036	INNER TUBE	1	45	L51035	5/16"-18 x 2" BOLT	1
13	L69822	TILT TUBE	2	46	L71028	REAR TUBE (<i>left</i>)	1
14	L71042	VINYL CLAMP	10	47	L71027	REAR TUBE (<i>right</i>)	1
15	650663	1/4"-20 x 5/8"	5	48	L67341	TUBE CUSHION 0.63"	4
16	L69832	DBL. TUBE CLAMP 0.63"	4	49	L67446	CUSHION TOP PLATE	2
17	L69833	TWIN TUBE TOP PLATE	4	50	L71010	HOSE GUIDE	1
18	650545	5/16"-18 x 1-1/4" BOLT					
19	L63717	TWIN TUBE CUSHION 0.50"	1				
20	L63715	TWIN NARROW TOP PLATE	1				
	L63714	(<i>weld on mount</i>)	AR				
21	L50877	STUD 5/16"-18 x 2-1/4"	6				
22	L520004	NYLON INSERT NUT 5/16"-18	7				
23	L63720	TWIN CUSHION 0.88"	1				
24	L63719	TWIN WIDE TOP PLATE	1				
25	650725	5/16"-18 x 2-1/4" BOLT	2				
26	L71047	HOSE ASSEMBLY -8 x 54"	2				
27	L10465	GREASE ZERK STR. 1/4"-28	1				
28	650486	5/16"-18 x 3/4" BOLT	2				
29	654024	LOCK WASHER 5/16"	2				
30	L69724	PIVOT PIN CAP	1				
31	L70308	ROD END PIN	1				
32	L520005	NYLON INSERT NUT 3/8"-16	1				
33	230-32364	ADAP., PLUG -4ORM	1				
34	L69751	TILT CYLINDER	1				

- a Refer to Figure 1 (below). Use this part if the machine is equipped with the "Early Style" slide pad (found in the first intermediate boom - front section - lower).
- b Refer to Figure 1 (below). Use this part if the machine is equipped with the "Late Style" slide pad (found in the first intermediate boom - front section - lower).
- c Hose assembly is replaced by Kit P/N 210994, which includes: (2) L63720 Twin Hose Cushions, (2) 210888 Tinline Hoses, (1) 210759 Spacer Pad with Clamp, and (1) 210760 Slide Pad with Clamp.

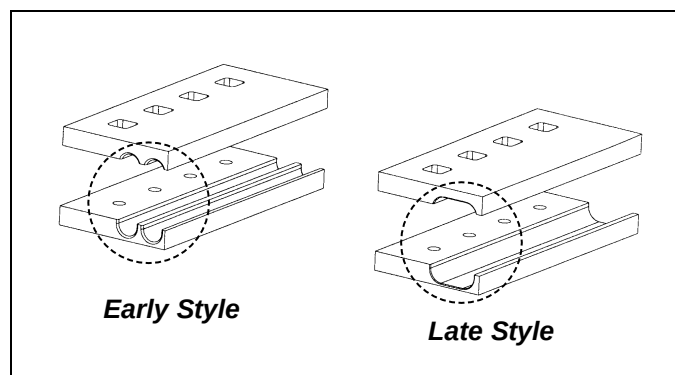
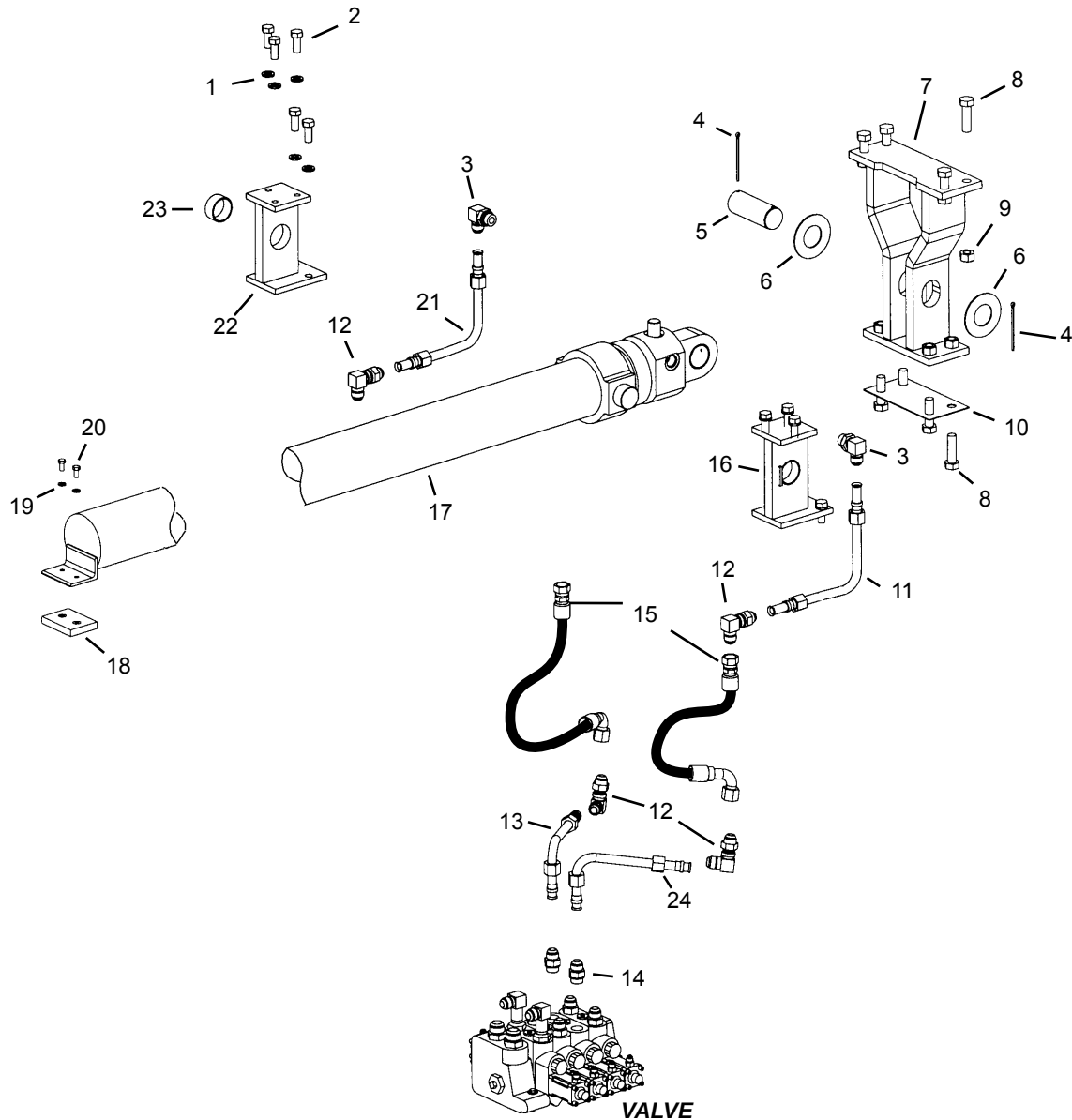


Figure 1

Boom Hydraulics

Mustang Telehandler

Boom Extend Cylinder Group - Three-Section High Boom



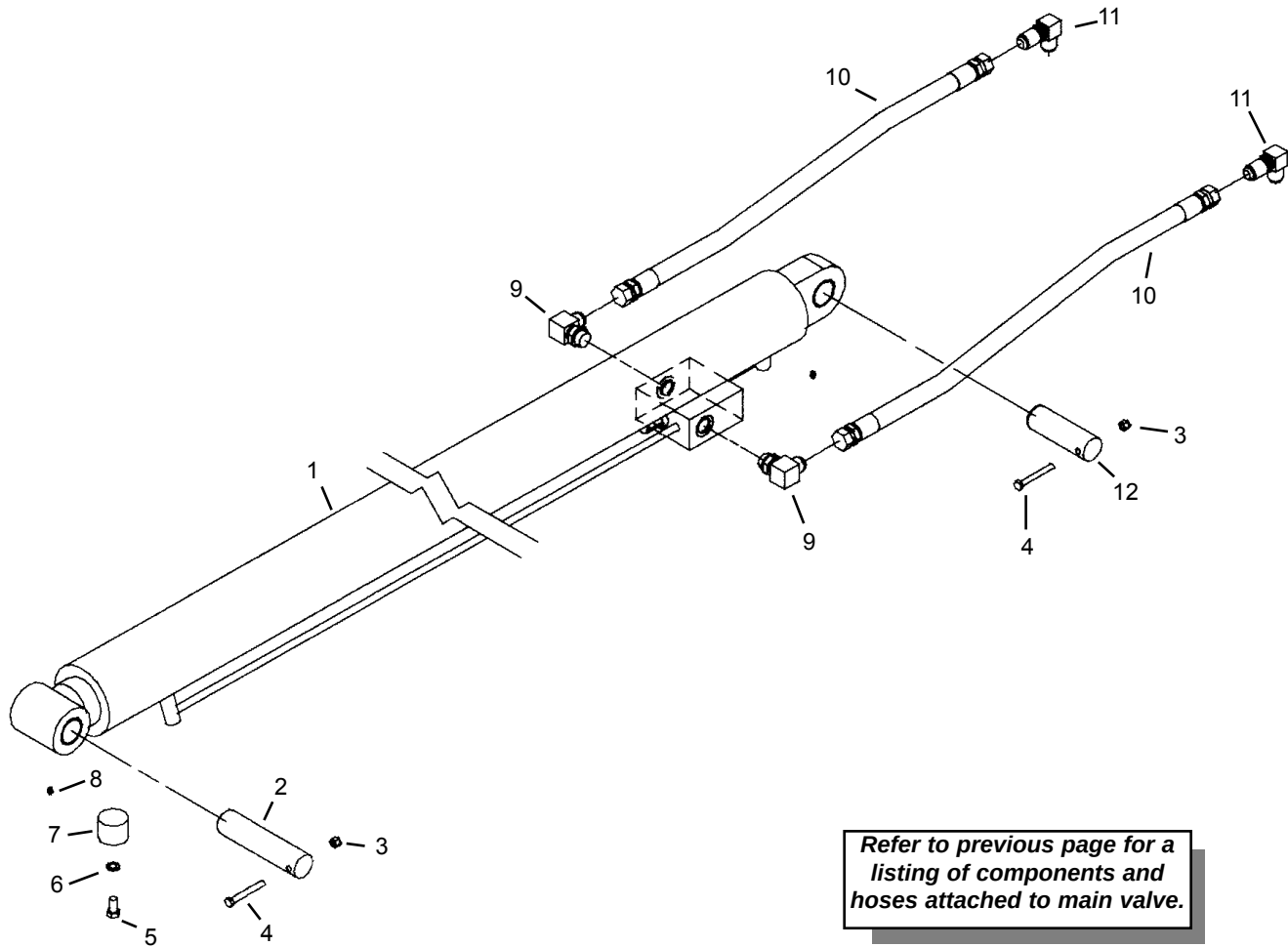
744 / 944 / 1155**Boom Hydraulics****Boom Extend Cylinder Group - Three-Section High Boom**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50156	5/8" LOCK WASHER	10	16	L69485	TRUNNION MOUNT (<i>left</i>)	1
02	650532	5/8"-11 x 1-1/2" BOLT	10			(<i>includes item 23</i>)	
03	055005	ADAP., -12ORM -12JICM 90°	2	17		EXTEND CYLINDER	1
04	L50608	3/16" x 4" COTTER PIN	2		L69136	40' High Boom	
05	L69994	EXTEND CYLINDER PIN	1		L69156	44" High Boom	
06	L400207	THRUST WASHER	2	18	L61709	SLIDE PAD	1
07	L69480	EXT CYL MOUNT WELDMENT	1	19	654026	3/8" LOCK WASHER	2
08	L50956	3/4-10 x 2-1/2" BOLT	8	20	650488	3/8-16 x 3/4" BOLT	2
09	L50519	3/4"-10 NYLON INSERT NUT	8	21	L69447	EXTEND CYLINDER TUBE (<i>right</i>)	1
10	L70420	TRUNNION SHIM	1	22	L69486	TRUNNION MOUNT (<i>right</i>)	1
11	L69448	EXTEND CYLINDER TUBE (<i>left</i>)	1			(<i>includes item 23</i>)	
12	230-32674	ADAP., -12JICM BLKHD 90°	4	23	L48805	BUSHING 2" I.D. x 1"	2
13 ^a	105164	BOOM EXTEND TUBE (<i>short</i>)	1	24	103901	BOOM EXTEND TUBE (<i>long</i>)	1
	105161	ADAP., PORT RESTRICTOR	1				
	L99903	RESTRICTOR, WORK PORT	1				
14	072587	ADAP., -12ORM -12JICM STR.	2	a	This side of the valve also uses a port restrictor adapter (105161) and port restrictor (L99903), not shown.		
15	L69946	HOSE, -12 A12/DS12 42"	2				

Boom Hydraulics

Mustang Telehandler

Boom Extend Cylinder Group - Four-Section High Boom



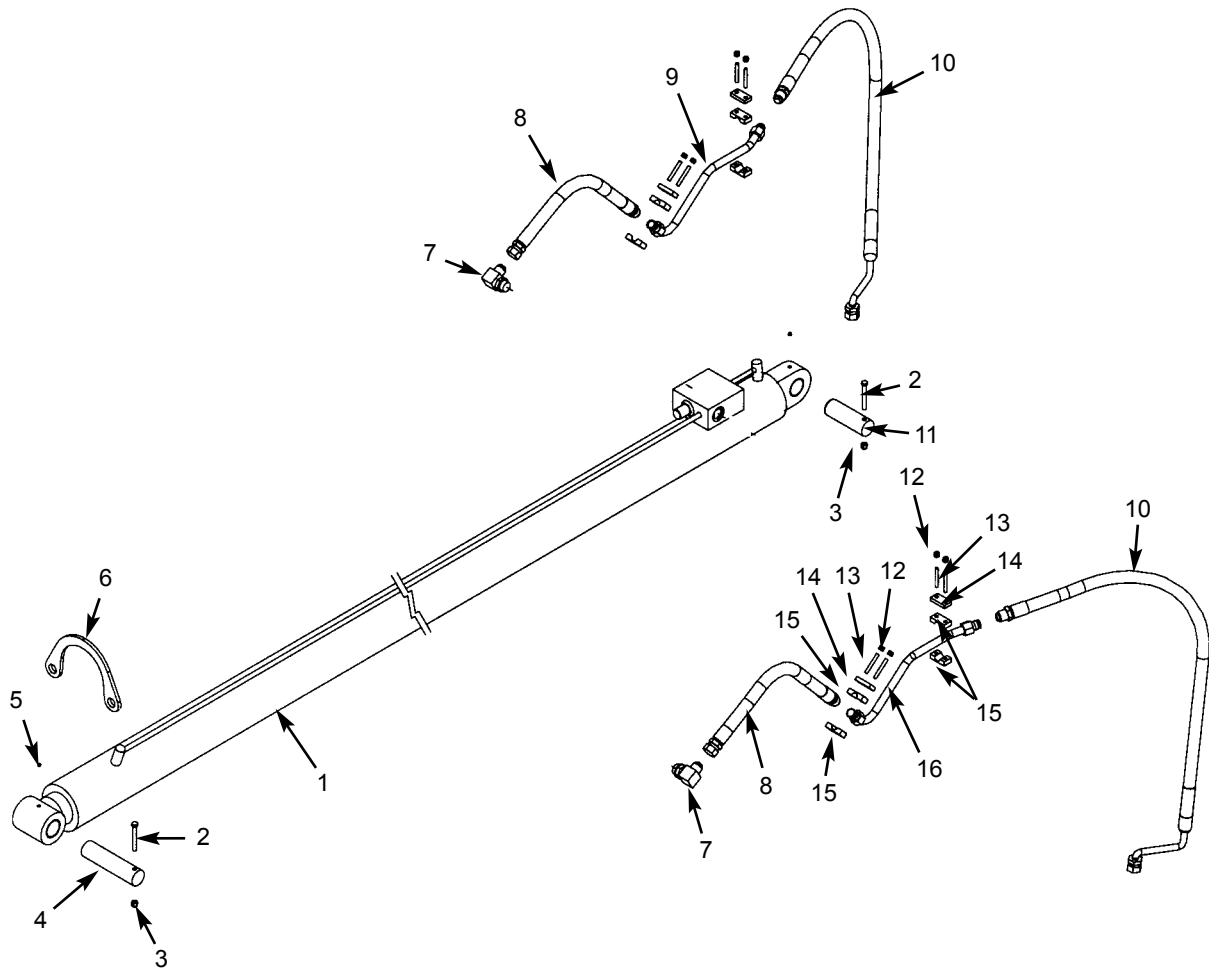
744 / 944 / 1155**Boom Hydraulics*****Boom Extend Cylinder Group - Four-Section High Boom***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L71023	EXTEND CYLINDER.....	1	07	P272700	ISOLATOR.....	1
02	L64559	ROD PIN	1	08	L10465	GREASE ZERK STR. 1/4"-18	2
04	650818	3/8"-16 x 3" BOLT	2	09	055005	ADAP., -12ORM -12JIC 90°.....	2
03	L520005	3/8"-16 NYLON INSERT NUT.....	2	10	104904	HOSE ASSEMBLY -12 x 36".....	2
05	650494	1/2"-13 x 1" BOLT	1	11	230-32674	ADAP., -12JICM BULKHEAD 90° ..	2
06	654030	1/2" LOCK WASHER.....	1	12	L70964	BASE END PIN.....	1

Boom Hydraulics

Mustang Telehandler

Boom Extend Cylinder Group - Four-Section Low Boom



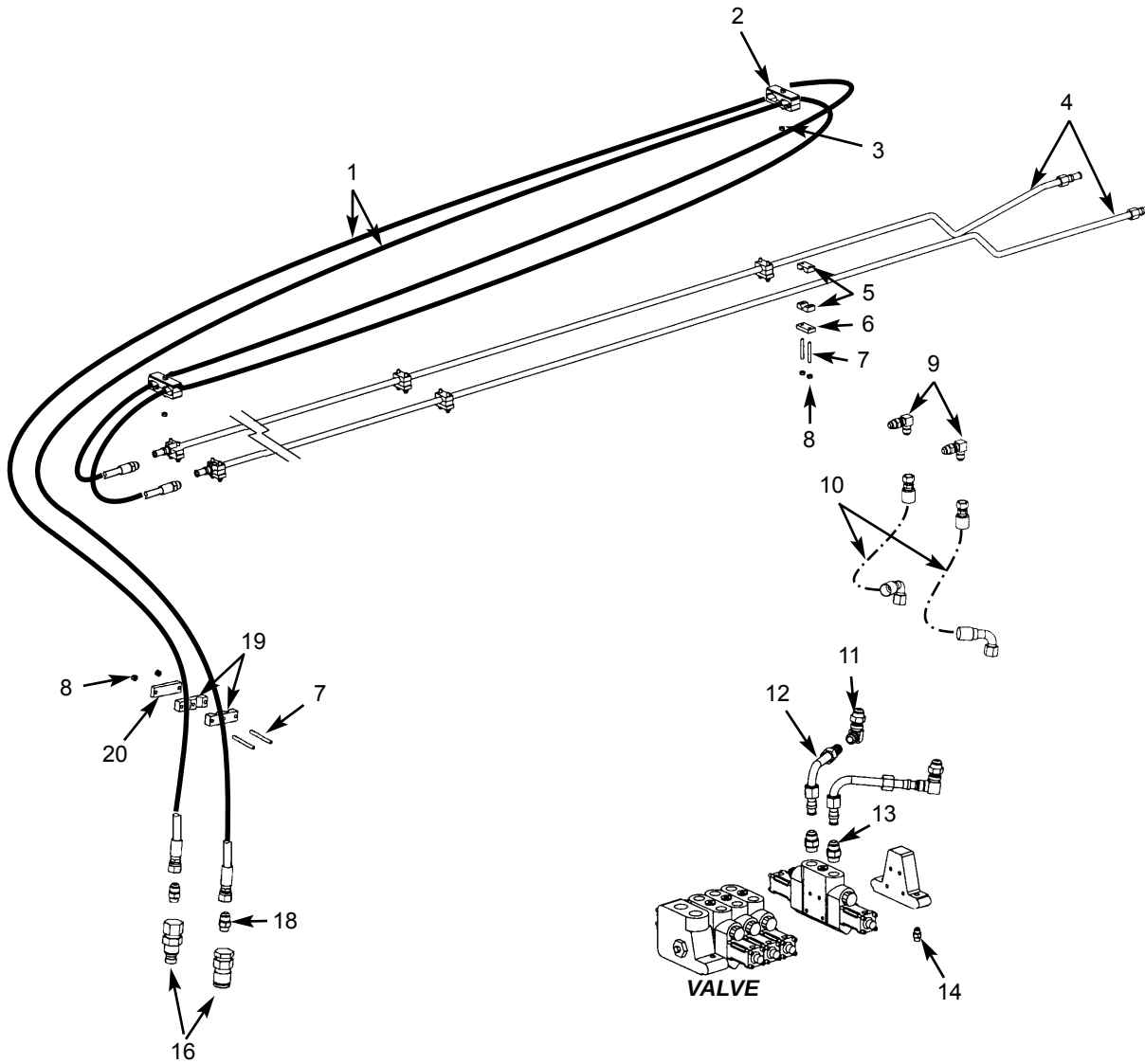
744 / 944 / 1155**Boom Hydraulics*****Boom Extend Cylinder Group - Four-Section Low Boom***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L71024	EXTEND CYLINDER.....	1	09	L71029	REAR TUBE (<i>right</i>)	1
02	650818	3/8"-16 x 3" BOLT	2	10	L70633	HOSE ASSEMBLY -12 x 53"	2
03	L520005	3/8"-16 NYLON INSERT NUT.....	2	11	L70964	BASE END PIN	1
04	L64559	ROD PIN	1	12	L520004	5/16"-18 NYLON INSERT NUT....	8
05	L10465	GREASE ZERK STR. 1/4"	2	13	L50877	5/16"-18 x 2-1/4" STUD.....	8
06	L70972	RETAINER.....	1	14	L67446	SINGLE CUSH. TOP PLATE.....	4
07	055005	ADAP., -12ORM -12JIC 90°	2	15	L70270	SINGLE TUBE CUSHION 0.75" ...	8
08	L71050	HOSE ASSEMBLY -12 x 20".....	2	16	L71030	REAR TUBE (<i>left</i>)	1

Boom Hydraulics

Mustang Telehandler

Boom Auxiliary Hydraulics Group - Three-Section High Boom



Refer to Pilot Manifold
pages for more information



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Boom Hydraulics

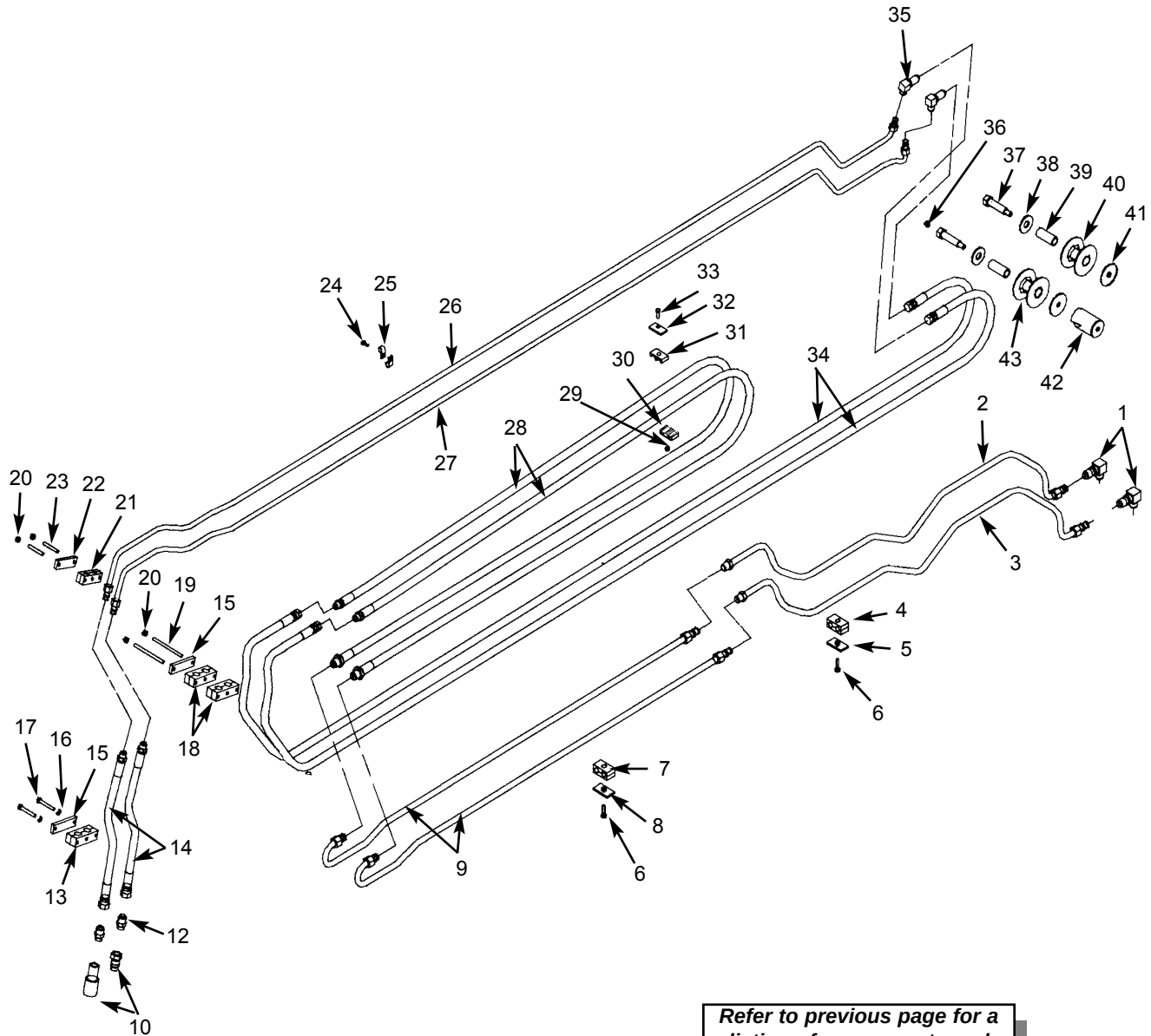
Boom Auxiliary Hydraulics Group - Three-Section High Boom

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		HOSE, -8 H10/A10	2	09	137542	ADAP., -10JICM BLKHD 90°	2
	L70107	<i>Used with 40' High Boom</i>		10	L69947	HOSE, -12 A10/DS12 42"	2
	L69945	<i>Used with 44" High Boom</i>		11	230-32674	ADAP., -12JICM BLKHD 90°	2
	L500784	HOSE SLEEVE	1	12	103902	TUBE, AUX. SECTION	2
02	L79167	HOSE CLAMP ASSEMBLY	2	13	072587	ADAP., -12ORM -12JICM STR	2
03	L50056	5/16"-18 FLARE NUT	2	14	054994	ADAP., -6ORM -6JICM	2
04	L69451	AUXILIARY TUBE (<i>bottom</i>)	2	16	L65273	COUPLER SET	1
05	L67341	TUBE CUSHION, SINGLE 5/8"	12	18	230-30569	ADAP., -8ORM -10JICM STR	2
06	L67446	TUBE CUSHION TOP PLATE	6	19	L63720	TUBE CUSHION, DBL 3/4" DIA	4
07	L50877	5/16"-18 x 2-1/4" STUD	16	20	L63719	TOP PLATE -TWIN WIDE	1
08	L520004	5/16"-18 NYLON INSERT NUT	16				

Boom Hydraulics

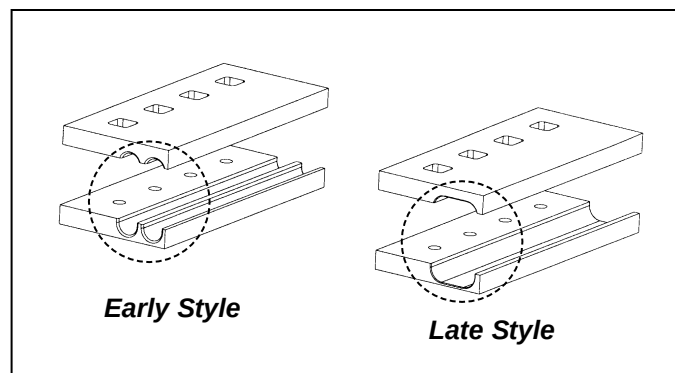
Mustang Telehandler

Boom Auxiliary Hydraulics Group - Four-Section High Boom



744 / 944 / 1155**Boom Hydraulics****Boom Auxiliary Hydraulics Group - Four-Section High Boom**

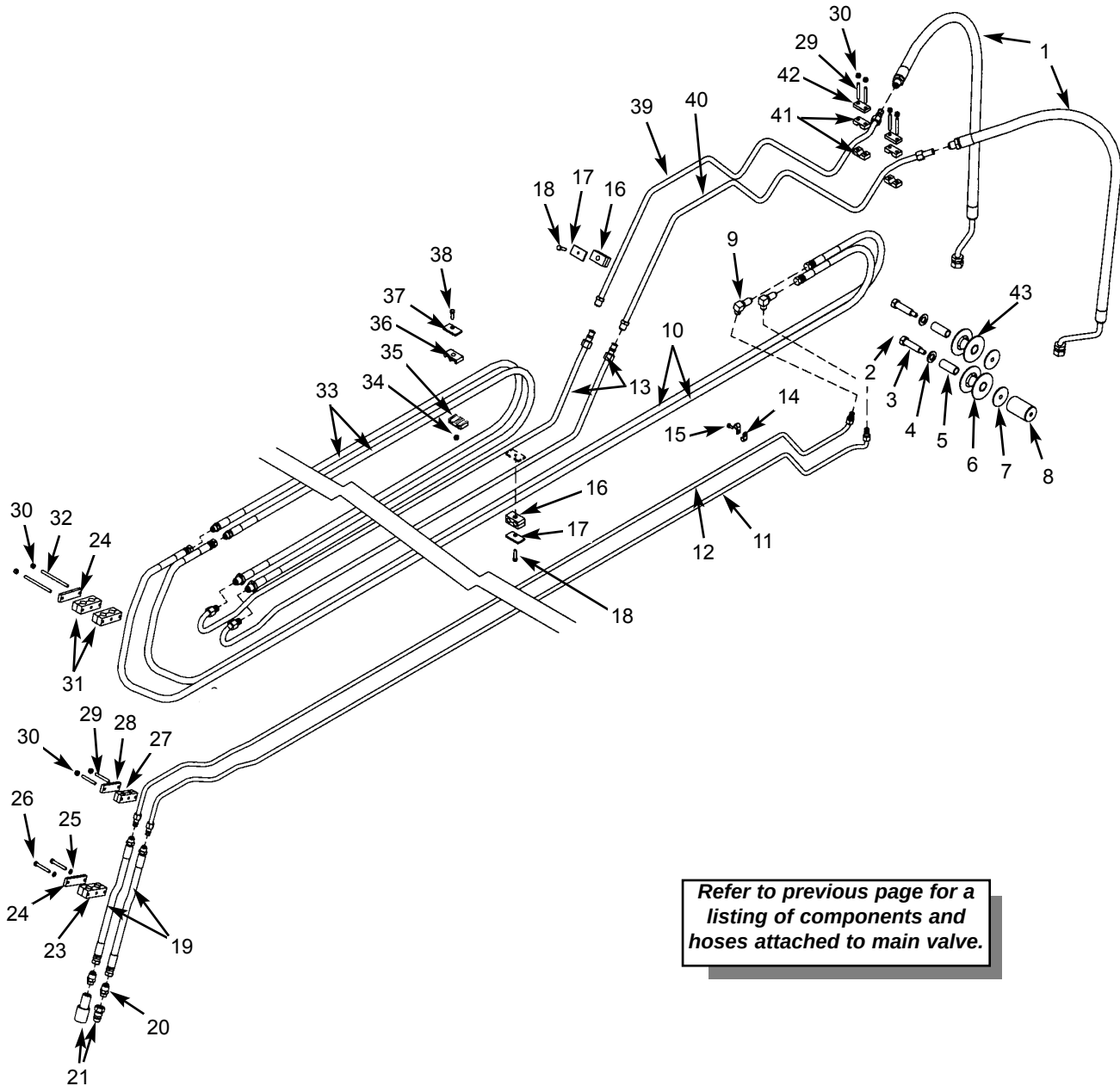
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	137542	ADAP-10JICM BLKHD 90°	2	31	L71705	CLAMP TOP	1
02	L71031	REAR AUXILIARY HYD. TUBE . . .	1	32	L71748	TOP PLATE	1
03	L71032	REAR AUXILIARY HYD. TUBE . . .	1	33	L51035	5/16"-18 x 2" BOLT	1
04	L69832	DOUBLE TUBE CLAMP	1	34		TWINLINE HOSE, -8 x 248"	1
05	L69833	CLAMP TOP PLATE	1		210993	Note a and c - (Kit)	
06	650545	5/16"-18 x 1-1/4" BOLT	2		210887	Note b	
07	L69832	DOUBLE TUBE CLAMP	1	35	230-21555	ADAP., -8JICM BLKHD 90°	2
08	L69833	CLAMP TOP PLATE	1	36	L10057	GREASE ZERK 90° 1/4-28	2
09	L71035	OUTER FRONT AUX. TUBE	2	37	L71016	HOSE RETAINER BOLT	2
10	L65273	COUPLER SET	1	38	654014	WASHER 3/4"	2
12	230-30569	ADAP., -8ORM -10JICM STR	2	39	L71389	HOSE RETAINER SPACER	2
13	L63720	TWIN HOSE CUSHION 0.88" . . . AR		40	L71010	HOSE GUIDE	1
14	L71043	HOSE ASSEMBLY -8 x 20"	2	41	L71014	SHEAVE PIN WASHER.	2
15	L63719	TWIN WIDE TOP PLATE.	2	42	L71213	PIN.	1
16	654024	LOCKWASHER 5/16"	2	43	L71347	HOSE GUIDE	1
17	650725	5/16"-18 x 2-1/4" BOLT	2				
18		TWIN HOSE CUSHION.	2	a		Refer to Figure 1 (below). Use this part if the machine is equipped with the "Early Style" slide pad (found in the first intermediate boom - front section - lower).	
	L71421	Note a - (0.69")					
	L63720	Note b - (0.88")		b		Refer to Figure 1 (below). Use this part if the machine is equipped with the "Late Style" slide pad (found in the first intermediate boom - front section - lower).	
19	L71104	5/16"-18 x 4-1/2" STUD	2				
20	L520004	5/16" NYLON INSERT NUT	4	c		Hose assembly is replaced by Kit P/N 210993, which includes: (2) L63720 Twin Hose Cushions, (2) 210887 Twinline Hoses, (1) 210759 Spacer Pad with Clamp, and (1) 210760 Slide Pad with Clamp.	
21	L63717	TWIN TUBE CUSHION 0.50"	1				
22	L63715	NARROW TWIN TOP PLATE	1				
23	L50877	5/16"-18" x 2-1/4" STUD	2				
24	650663	1/4"-20" x 5/8" BOLT	5				
25	L71042	VINYL CLAMP.	10				
26	L71040	INNER TUBE.	1				
27	L71041	INNER TUBE.	1				
28	L71046	HOSE ASSEMBLY -8 x 290"	2				
	L99134	HOSE SLEEVE	1				
29	L50056	NUT	1				
30	L71747	CLAMP BOTTOM	1				

**Figure 1**

Boom Hydraulics

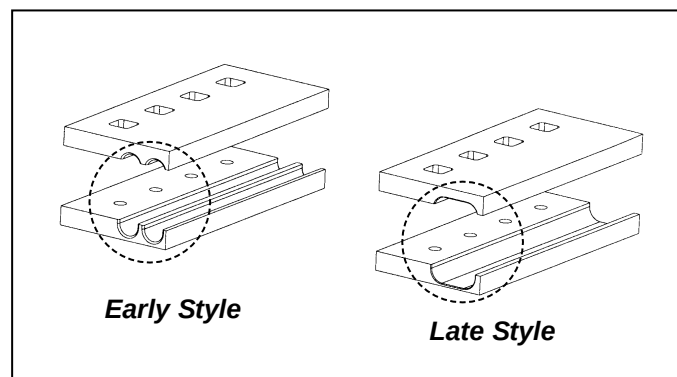
Mustang Telehandler

Boom Auxiliary Hydraulics Group - Four-Section Low Boom



744 / 944 / 1155**Boom Hydraulics****Boom Auxiliary Hydraulics Group - Four-Section Low Boom**

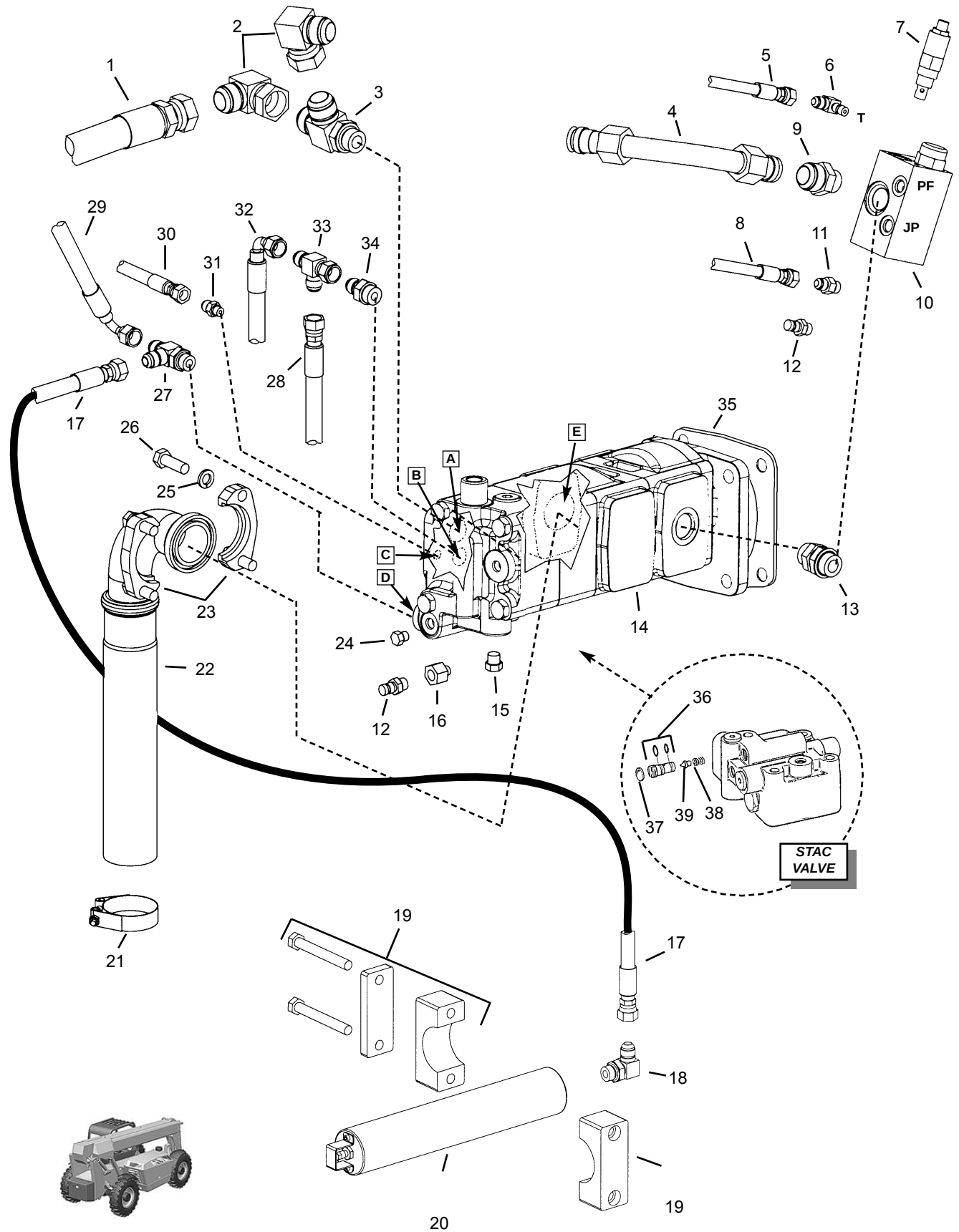
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70632	HOSE ASSEMBLY -12 x 53"	2	31		TWIN HOSE CUSHION.	2
02	L10057	GREASE ZERK 90° 1/4"-28	2		L71421	<i>Note a - (0.69")</i>	
03	L71016	HOSE RETAINER BOLT	2		L63720	<i>Note b - (0.88")</i>	
04	654014	PLAIN WASHER 0.75"	2	32	L71104	STUD 5/16"-18 x 4-1/2"	2
05	L71389	HOSE RETAINER SPACER	2	33	L71055	HOSE, -8 x 268"	2
06	L71347	HOSE GUIDE	1		L99134	HOSE SLEEVE	1
07	L71014	SHEAVE PIN WASHER.	2	34	L50056	NUT	1
08	L71213	REAR SHEAVE PIN	1	35	L71747	CLAMP BOTTOM	1
09	137542	ADAP., -10JICM BLKHD 90°	2	36	L71705	CLAMP TOP	1
10		TWINLINE HOSE, -8 x 248"	1	37	L71748	TOP PLATE	1
	210993	<i>Note a and c - (Kit)</i>		38	L51035	5/16"-18 x 2" BOLT	1
	210887	<i>Note b</i>		39	L70704	REAR RIGHT TUBE	1
11	L71041	AUX. INNER BOTTOM TUBE	1	40	L70703	REAR LEFT TUBE	1
12	L71040	AUX. INNER TOP TUBE	1	41	L67341	SGL. TUBE CUSHION 0.63"	4
13	L69822	FORWARD BOOM TUBE	2	42	L67446	SGL. CUSHION TOP PLATE	2
14	L71042	VINYL CLAMP	10	43	L71010	HOSE GUIDE	1
15	650663	1/4"-20 x 5/8"	5				
16	L69832	DBL. TUBE CLAMP 0.63"	4	a		<i>Refer to Figure 1 (below). Use this part if the machine is equipped with the "Early Style" slide pad (found in the first intermediate boom - front section - lower).</i>	
17	L69833	TWIN TUBE TOP PLATE	4				
18	650545	5/16"-18 x 1-1/4" BOLT	1	b		<i>Refer to Figure 1 (below). Use this part if the machine is equipped with the "Late Style" slide pad (found in the first intermediate boom - front section - lower).</i>	
19	L71048	HOSE, -8 x 15"	2				
20	230-30569	ADAP., -8ORM -10JICM STR	2				
21	L65273	COUPLER SET	1	c		<i>Hose assembly is replaced by Kit P/N 210993, which includes: (2) L63720 Twin Hose Cushions, (2) 210887 Twinline Hoses, (1) 210759 Spacer Pad with Clamp, and (1) 210760 Slide Pad with Clamp.</i>	
23	L63720	TWIN CUSHION 0.88"	AR				
24	L63719	TWIN WIDE TOP PLATE.	1				
25	650725	5/16"-18 x 2-1/4" BOLT	2				
26	654024	LOCK WASHER 5/16"	2				
27	L63717	TWIN TUBE CUSHION 0.50"	1				
28	L63714	TWIN CUSHION TOP PLATE	1				
29	L50877	STUD 5/16"-18 x 2-1/4"	6				
30	L520004	NYLON INSERT NUT 5/16"-18	7				

**Figure 1**

Hydraulics

Mustang Telehandler

Hydraulic Pump, Accumulator and Hoses



Hydraulic Pump, Accumulator and Hoses

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105166	HOSE, -16 A16/A16 60"	1	23	L71271	SPLIT FLANGE KIT -32	1
02	088117	ADAP., -16JICFS -16JICM 90°	2			(includes items 25, 26 and o-rings)	
03	L443004	ADAP., -12ORM -16JICM R-TEE . . .	1	24	230-32364	PLUG -4ORM	1
04 ^a	L69499	TUBE, PUMP OUT	1	25	654030	1/2" LOCK WASHER	4
05	L69920	HOSE, -4 A6/A6 40"	1	26	P47159	1/2" x 1-1/2" GR8 BOLT	4
06	137784	ADAP., -4ORM -6JICM 90°	1	27	114742	ADAP., -8ORM -8JICM R-TEE	1
07	L99927	RELIEF VALVE 350 (psi)	1	28	L69932	HOSE, -6 A6/A8 46"	1
08	L70493	HOSE, -4 A6/A6 28"	1	29	L69931	HOSE, -6 A6/DS8 20"	1
09	054818	ADAP., -12ORM -16JICM STR	1	30 ^b	L69903	HOSE, -4, A6/DS6 17"	1
10	L70229	FLOW DIVIDER	1	31	129124	ADAP., -4ORM -6JICM STR	1
11	054994	ADAP., -6ORM -6JICM STR	1	32	L69934	HOSE, -6 A8/DS8 88"	1
12	P471997	TEST PORT	2	33	076143	ADAP., -8JICFS -8JICM R-TEE . . .	1
13	L51972	ADAP., -12 ORM -12ORM STR	1	34	089099	ADAP., -10ORM -8JICM STR	1
14	L69571	HYDRAULIC PUMP (w/STAC valve) 1		35	L70589	PUMP GASKET	1
15	122778	PLUG -6ORM	1	36	L500348	CORE PLUG POPET ASY	1
16	L444080	ADAP., -4ORM -6ORF STR	1	37	L500347	CORE PLUG CAP	1
17	L70267	HOSE, -6 A8/A8 17"	1	38	L500349	POPET, SPRING	1
18	054816	ADAP., -8ORM -8JICM 90°	1	39	L500430	POPET	1
19	L70188	CLAMP KIT 2.37" ID	1				
20	L70033	ACCUMULATOR, PISTON TYPE . . .	1	a		Not used when equipped with outriggers.	
		(315 psi)					
21	L70465	2-1/2" T-BOLT BAND CLAMP	1	b		Hose has a 90° degree end that connects directly to item #31.	
22	L69543	HOSE, -32 MS32/NONE 16"	1				

Hose Locator

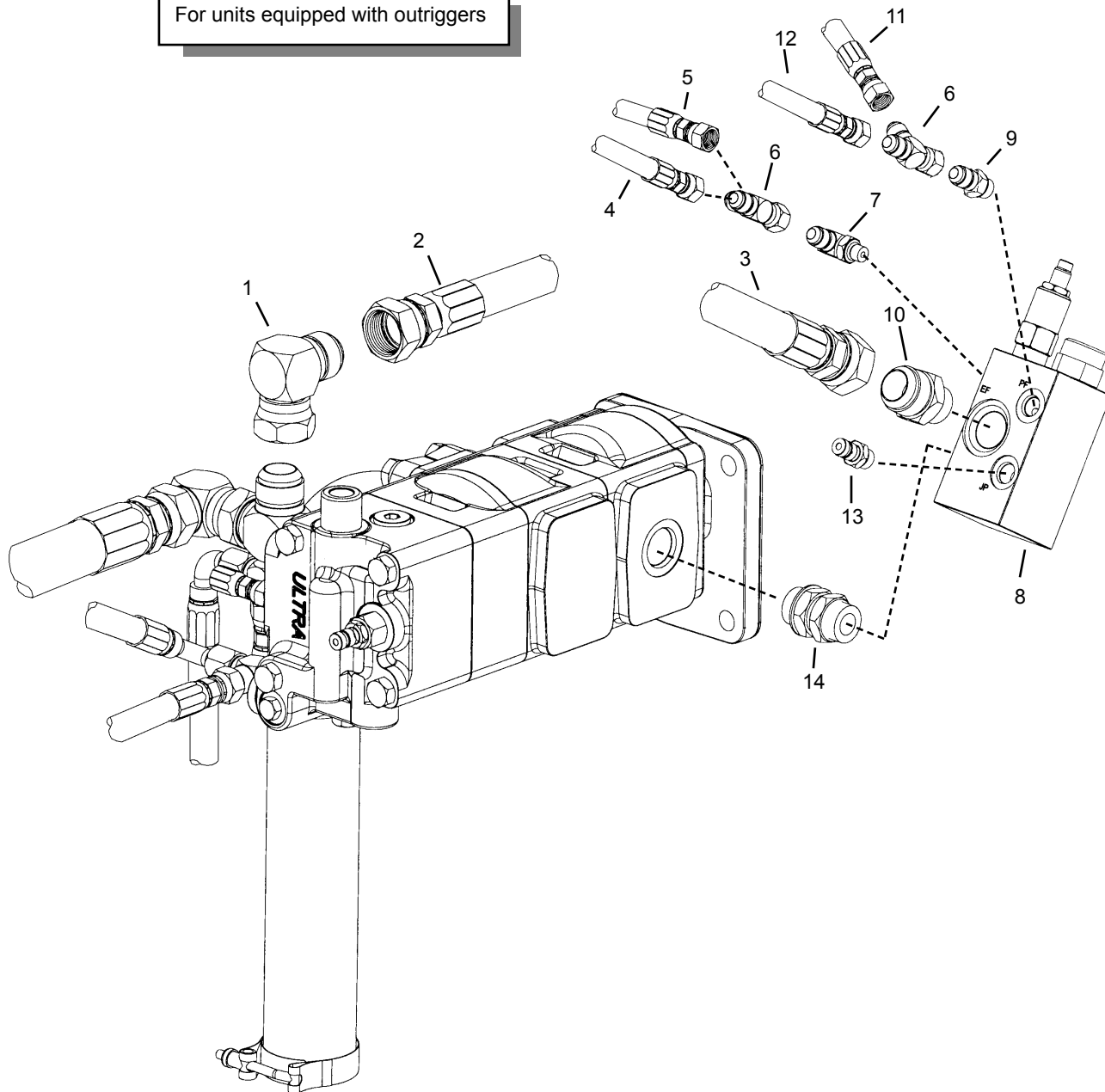
Ref No.	From Port	To Port
01	HYDRAULIC PUMP "A"	MAIN VALVE "IN"
05	FLOW DIVIDER "T"	HYDRAULIC TANK RETURN MANIFOLD
08	FLOW DIVIDER "PF"	SAHR VALVE "P1"
17	HYDRAULIC PUMP "D"	ACCUMULATOR
22	HYDRAULIC PUMP "E"	HYDRAULIC TANK "SUCTION"
28	HYDRAULIC PUMP "B"	LEVEL VALVE "P"
29	HYDRAULIC PUMP "D"	SAHR VALVE "AI"
30	HYDRAULIC PUMP "C"	LEVEL VALVE "LSP"
32	HYDRAULIC PUMP "B"	STEER MOTOR "P" (IN CAB)

Hydraulics

Mustang Telehandler

Hydraulic Pump and Hoses - Outrigger

For units equipped with outriggers



744 / 944 / 1155

Hydraulics

Hydraulic Pump and Hoses- Outrigger

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	088117	ADAP., -16JICFS -16JICM 90°	2	08	L70229	FLOW DIVIDER.	1
02	L70693	HOSE, -12 A12/A16 61"	1	09	054994	ADAP., -6ORM -6JICM STR	1
03	L70694	HOSE, -12 A12/A16 76"	1	10	54818	ADAP., -12ORM -16JICM STR	1
04	L69920	HOSE, -4 A6/A6 40"	1	11	L70690	HOSE, -4 A6/DS6 70"	1
05	L70690	HOSE, -4 A6/DS6 70"	1	12	L70493	HOSE, -4 A6/A6 28"	1
06	072806	ADAP., -6 SWIVEL TEE	2	13	P471997	TEST PORT.	2
07	137784	ADAP., -4ORM -6JICM 90°	1	14	L51972	ADAP., -12ORM -12ORM STR	1

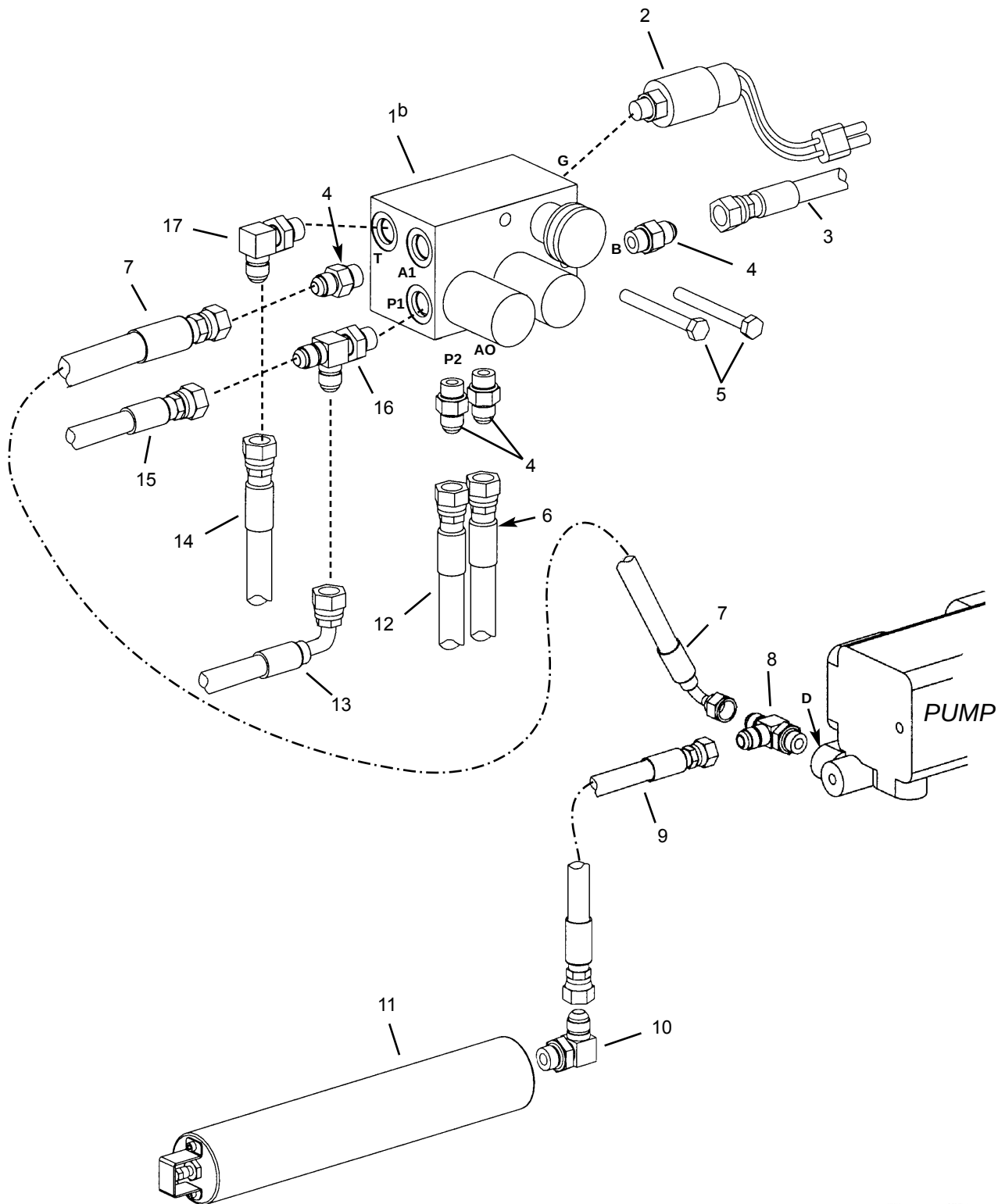
Hose Locator

Ref No.	From Port	To Port
02	HYDRAULIC PUMP	V20 VALVE "PB"
03	FLOW DIVIDER	V20 VALVE "IN"
04	FLOW DIVIDER "T"	HYDRAULIC TANK RETURN MANIFOLD
05	FLOW DIVIDER "T" SWIVEL	OUTRIGGER PILOT MANIFOLD "T"
11	FLOW DIVIDER "PF" SWIVEL	OUTRIGGER PILOT MANIFOLD "P"
12	FLOW DIVIDER "PF"	SAHR VALVE "P1"

Hydraulics

SAHR and Accumulator

Mustang Telehandler



744 / 944 / 1155**Hydraulics**
SAHR and Accumulator

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L71707	SAHR / ACCUM CHARGE VALVE . 1 (includes built-in WPS valve)	1	11	L70033	ACCUMULATOR, PISTON TYPE . . 1 (315 psi -- precharged)	1
02	L70008	BRAKE PRESSURE SWITCH 1	1	12	L69930	HOSE, -4 A6/A6 46" 1	1
03	101317	HOSE, -6 A6/DS6 50" 1	1	13 ^a	L71360	HOSE, -4 A6/DS6 98" 1	1
04	054994	ADAP., -6ORM -6JICM STR 4	4	14	101814	HOSE, -6 A6/A6 25" 1	1
05	650784	5/16-18X2-3/4" BOLT 2	2	15	L69931	HOSE, -6 A6/DS8 20" 1	1
06	L69926	HOSE, -4 A6/DS6 100" 1	1	16 ^a	054820	ADAP., -6ORM -6JICM R-TEE 1	1
07	L69931	HOSE, -6 A6/DS8 20" 1	1	16 ^b	054994	ADAP., -6ORM -6JICM STR 1	1
08	114742	ADAP., -8ORM -8JICM R-TEE 1	1	17	068938	ADAP., -6ORM -6JICM 90° 1	1
09	L70267	HOSE, -6 A8/A8 17" 1	1				
10	054816	ADAP., -8ORM -8JICM 90° 1	1				

^a Used with 4-button joystick^b Used with 2-button joystick**Hose Locator**

Ref No.	From Port	To Port
03	SAHR "B"	"A" BRAKE PRESSURE INTENSIFIER
06	SAHR "AO"	BRAKE VALVE "P" (IN CAB)
07	SAHR "A1"	HYDRAULIC PUMP "BOTTOM TEE"
09	HYDRAULIC PUMP "D"	ACCUMULATOR
12	SAHR "P2"	JOYSTICK "P"
13*	SAHR "P1" (BOTTOM TEE)	^a PILOT MANIFOLD "P"
14	SAHR "T"	HYDRAULIC TANK RETURN MANIFOLD
15	SAHR "P1"	FLOW DIVIDER "PF"

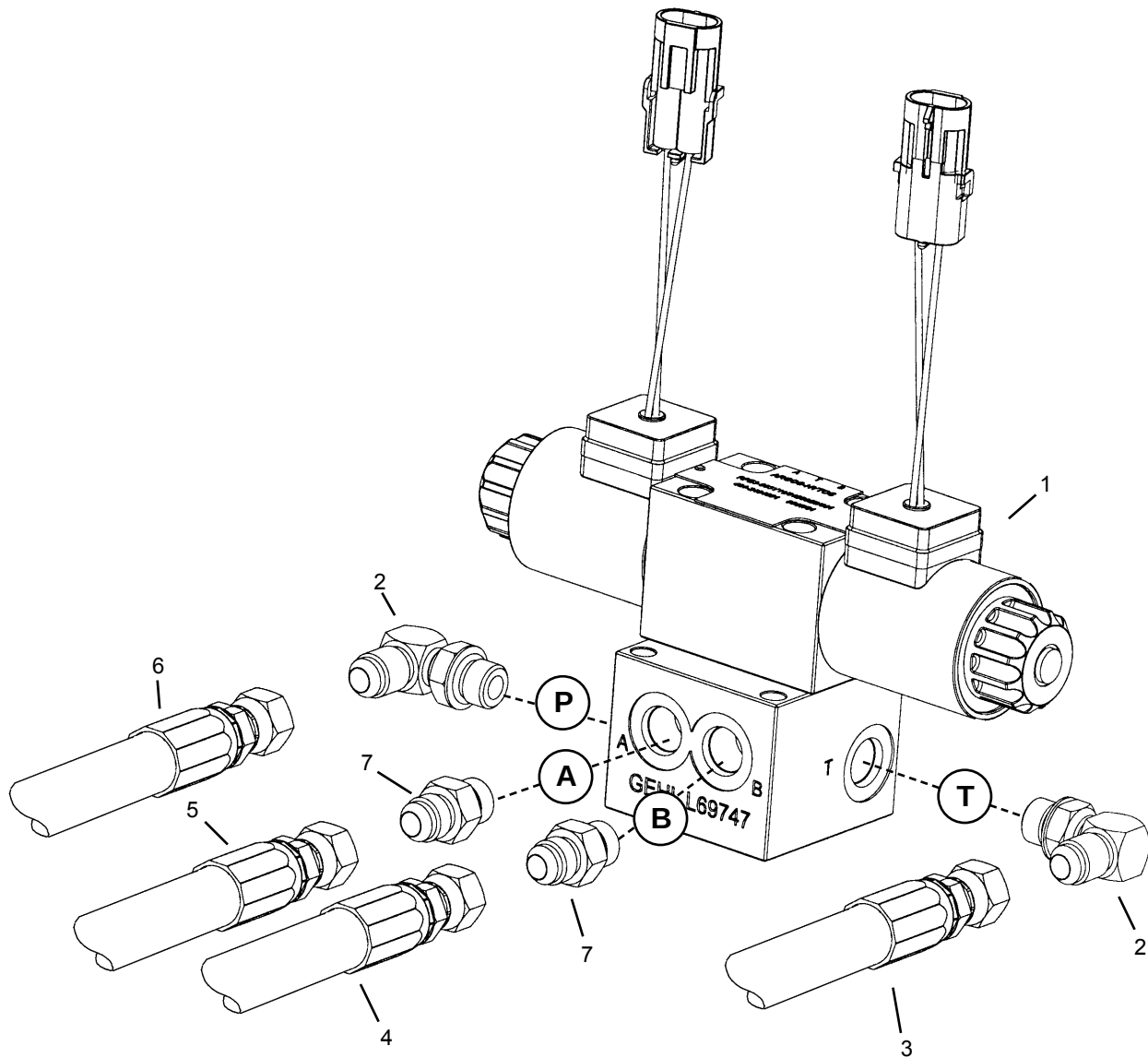
^a Use "P" port on upper pilot manifold when unit is equipped with auxiliary hydraulics

* Used with 4-button joystick

Hydraulics

Steer Select Group

Mustang Telehandler



744 / 944 / 1155

Hydraulics
Steer Select Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69747	STEER SELECT VALVE	1	04	101319	HOSE, -6 A6/NS6 40"	1
	651089	1/4"-20 x 3" BOLT	2	05	101319	HOSE, -6 A6/NS6 40"	1
	L50051	1/4"-20 NUT	2	06	L69935	HOSE, -6 A8/A6 108"	1
02	068938	ADAP., -6ORM -6JICM 90°	2	07	054994	ADAP., -6ORM -6JICM STR	2
03	210602	HOSE, -6 A6/A8 125"	1				

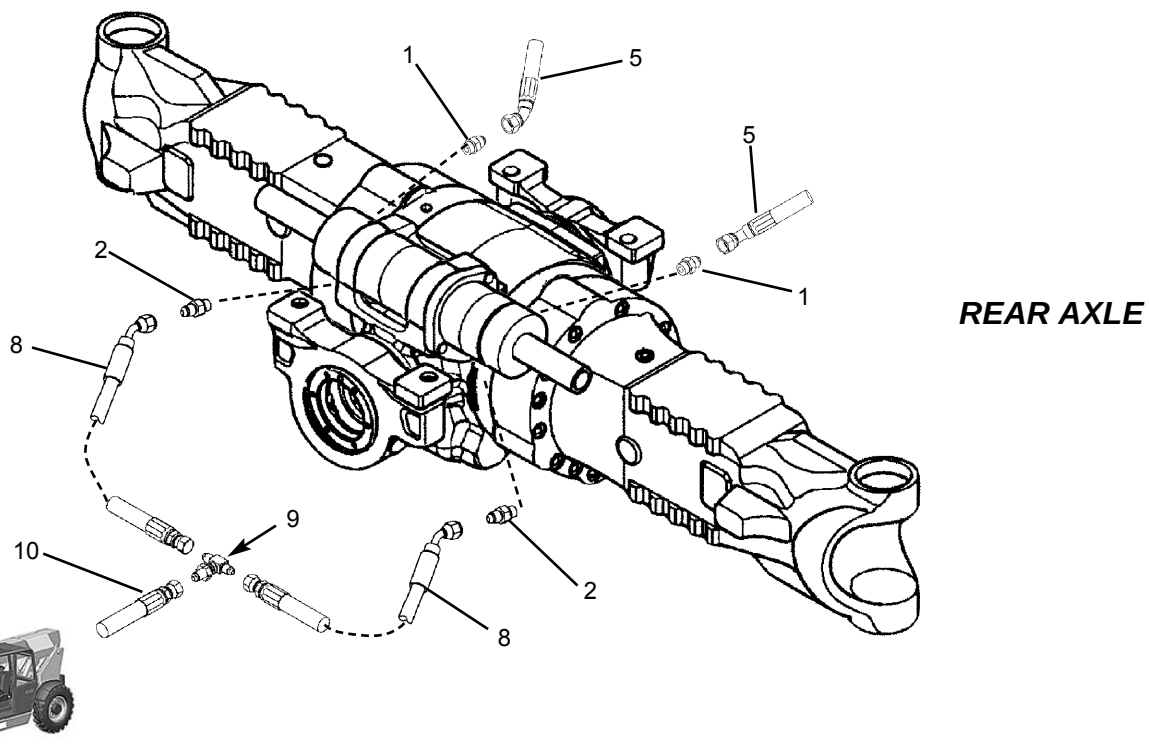
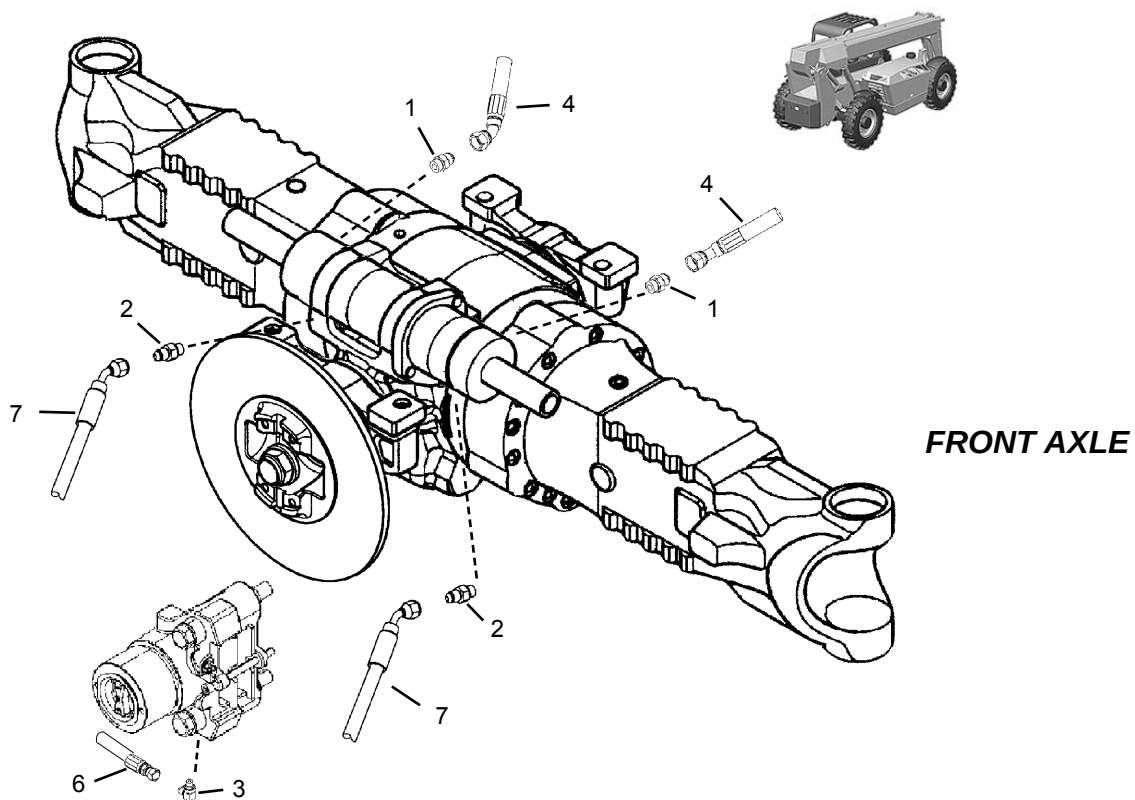
Hose Locator

Ref No.	From Port	To Port
03	STEER SELECT VALVE "T"	FRONT AXLE STEER CYLINDER (LEFT PORT)
04	STEER SELECT VALVE "B"	STEER CYLINDER (REAR AXLE-LEFT SIDE)
05	STEER SELECT VALVE "A"	STEER CYLINDER (REAR AXLE-RIGHT SIDE)
06	STEER SELECT VALVE "P"	STEER MOTOR "L" (IN CAB)

Hydraulics

Mustang Telehandler

Axle - Steering and Brake Lines Group



744 / 944 / 1155**Hydraulics****Axle - Steering and Brake Lines Group**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	054626	ADAP., -8ORM-8JICM STR.	4	09	L446042	TEE, BULKHEAD -4JICM	1
02	230-18127	ADAP., -6ORM -4JICM STR	4	10	101320	HOSE, -4 A4/A4 45"	1
03	137784	ADAP., -4ORM-6JICM 90°	1	a	<i>Early units with the 26.48 axles used a smaller HOSE, -4 (1/4"). If this unit is equipped with the smaller hose, order replacement P/N 430177 Hose kit, which includes (1) hose, P/N #101692 and (2) adapters, P/N 137784 (item #3)</i>		
04	101319	HOSE, -6 A6/NS8 40"	2				
05	101319	HOSE, -6 A6/NS8 40"	2				
06 ^a	101692	HOSE, -6 A6/DS6 104"	1				
07	L69940	HOSE, -4 A4/NS4 108"	2				
08	L69940	HOSE, -4 A4/NS4 108"	2				

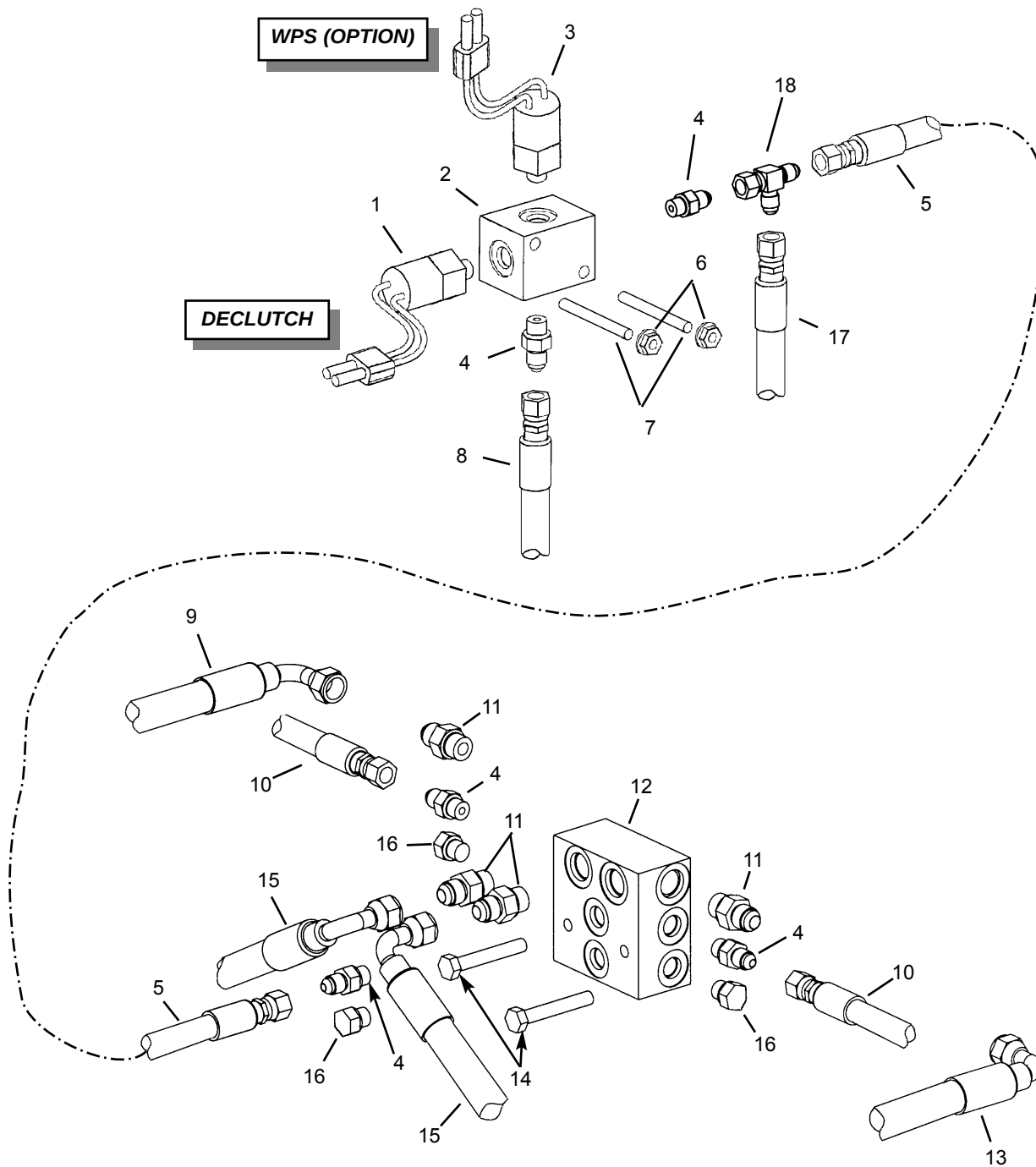
Hose Locator

Ref No.	From Port	To Port
04	STEER CYLINDER FRONT AXLE BOTH SIDES	STEER/BRAKE MANIFOLD (TOP FRONT PORTS)
05	STEER CYLINDER REAR AXLE (LEFT SIDE)	STEER SELECT VALVE "B"
	STEER CYLINDER REAR AXLE (RIGHT SIDE)	STEER SELECT VALVE "A"
06	FRONT AXLE PARK BRAKE CALIPER	HYDRAULIC PRESSURE INTENSIFIER
07	FRONT AXLE BRAKE PORTS (BOTH SIDES)	STEER/BRAKE MANIFOLD (MIDDLE/SIDE PORTS)
08	REAR AXLE BRAKE PORTS (BOTH SIDES)	BULKHEAD TEE ABOVE REAR AXLE
10	BULKHEAD TEE ABOVE REAR AXLE	TEE ON THE BRAKE LINES MANIFOLD

Hydraulics

Mustang Telehandler

Chassis - Steering and Brake Lines Group



744 / 944 / 1155**Hydraulics****Chassis - Steering and Brake Lines Group**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70415	PRESSURE SWITCH (<i>declutch</i>)	1	11	054994	ADAP., -6ORM -6JICM STR	4
02	L70428	BRAKE LINES MANIFOLD	1	12	L70514	STEER/BRAKE MANIFOLD	1
03 ^a	L70415	PRESSURE SWITCH (<i>WPS</i>)	1	13	L69936	HOSE, -6 A8/DS6 100"	1
03 ^b	230-32364	ADAP., -4ORM PLUG	1	14	650568	5/16-18 x 2" BOLT	2
04	230-32195	ADAP., -4ORM -4JICM STR	5	15	L69939	HOSE, -6 A8/DS6 20"	2
05	L69942	HOSE, -4 A4/A4 72"	1	16	230-32364	PLUG, -4 ORM.	3
06	L50051	1/4"-20 FLANGE NUT	2	17	101320	HOSE, -4 A4/A4 45"	1
07	L50876	1/4"-20 x 2-1/4" STUD	2	18	230-32694	ADAP., -4 SWIVEL TEE	1
08	L69929	HOSE, -4 A6/A4 102"	1				
09	L69937	HOSE, -6 A6/DS6 100"	1	a	<i>When unit is equipped with the WPS system.</i>		
10	L69940	HOSE, -4 A4/NS4 20"	2	b	<i>When unit is not equipped with the WPS system.</i>		

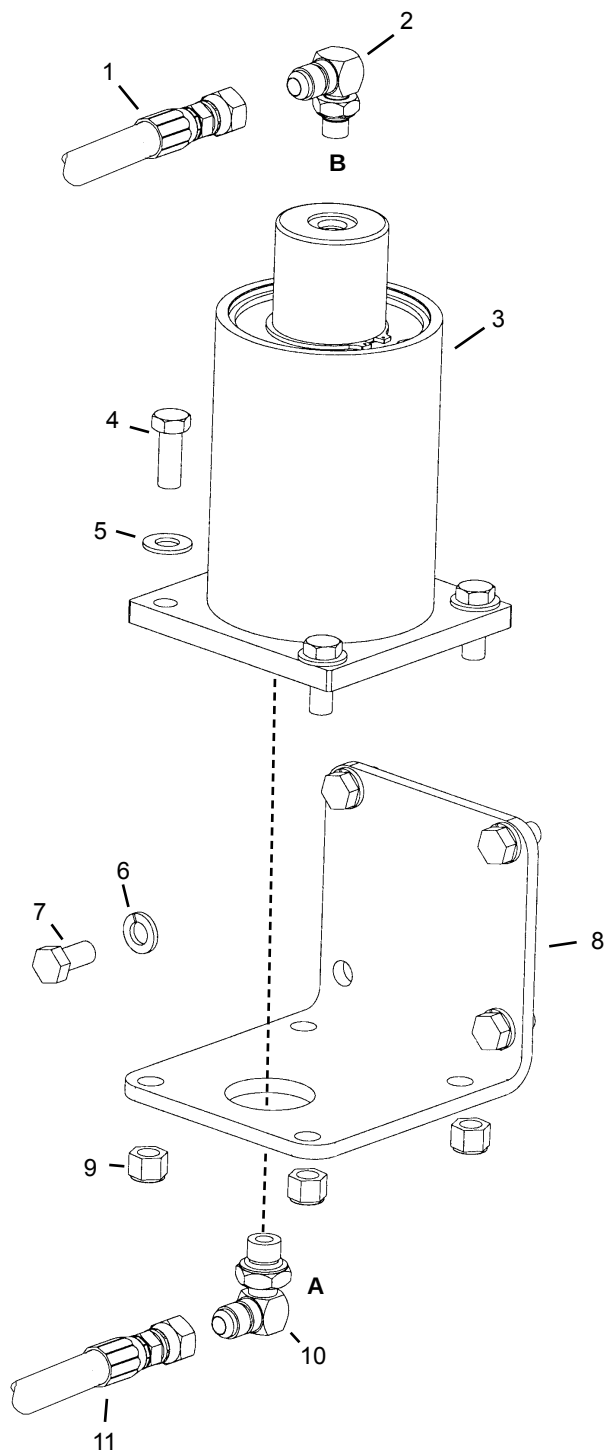
Hose Locator

Ref No.	From Port	To Port
05	BRAKE LINES MANIFOLD (SIDE)	STEER/BRAKE MANIFOLD "CENTER FRONT"
08	BRAKE LINES MANIFOLD (LOWER)	BRAKE VALVE "B" (IN CAB)
09	STEER/BRAKE MANIFOLD (UPPER LEFT SIDE)	STEER SELECT VALVE "T"
10	STEER/BRAKE MANIFOLD (TOP/SIDE PORTS)	FRONT AXLE BRAKE TOP PORTS
13	STEER/BRAKE MANIFOLD (UPPER RIGHT SIDE)	STEER MOTOR "R" (IN CAB)
15	STEER/BRAKE MANIFOLD (UPPER FRONT)	STEER CYLINDER (FRONT AXLE BOTH SIDES)
17	BRAKE LINES MANIFOLD TEE	BULKHEAD TEE ABOVE REAR AXLE

Hydraulics

Parking Brake Intensifier Group

Mustang Telehandler



744 / 944 / 1155

Hydraulics

Parking Brake Intensifier Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101692	HOSE, -6 A6/DS6 104"	1	07	650488	3/8" x 3/4" BOLT	4
02	137784	ADAP., -4ORM -6JICM 90°	1	08	100969	MOUNT BRACKET	1
03	101383	PARK BRAKE INTENSIFIER	1	09	067847	3/8" NYLON INSERT NUT	4
04	650490	3/8" x 1" BOLT	4	10	068938	ADAP., -6ORM -6JICM 90°	1
05	654049	3/8" FLAT WASHER	4	11	101317	HOSE, -6 A6/DS6 50"	1
06	654026	3/8" LOCK WASHER	4				

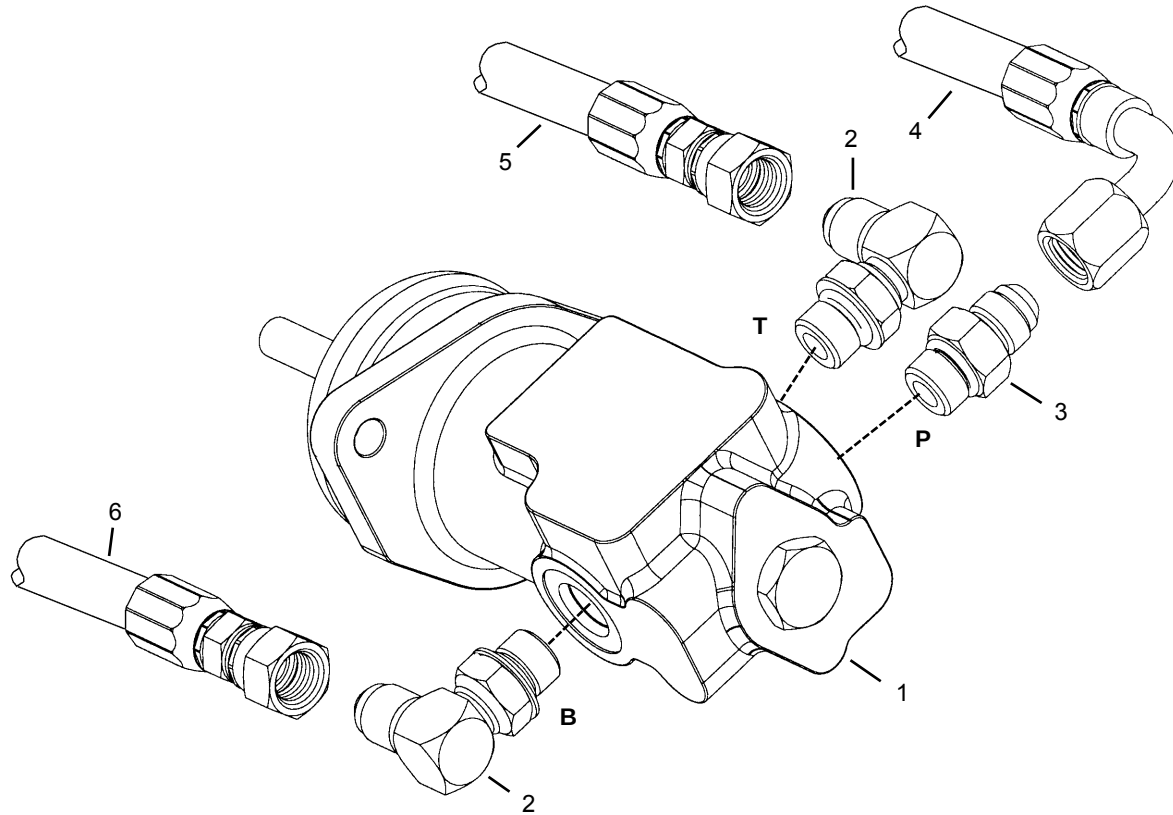
Hose Locator

Ref No.	From Port	To Port
01	PARK BRAKE INTENSIFIER "B"	FRONT AXLE PARK BRAKE CALIPER
11	PARK BRAKE INTENSIFIER "A"	SAHR VALVE "B"

Hydraulics

Brake Valve and Hoses

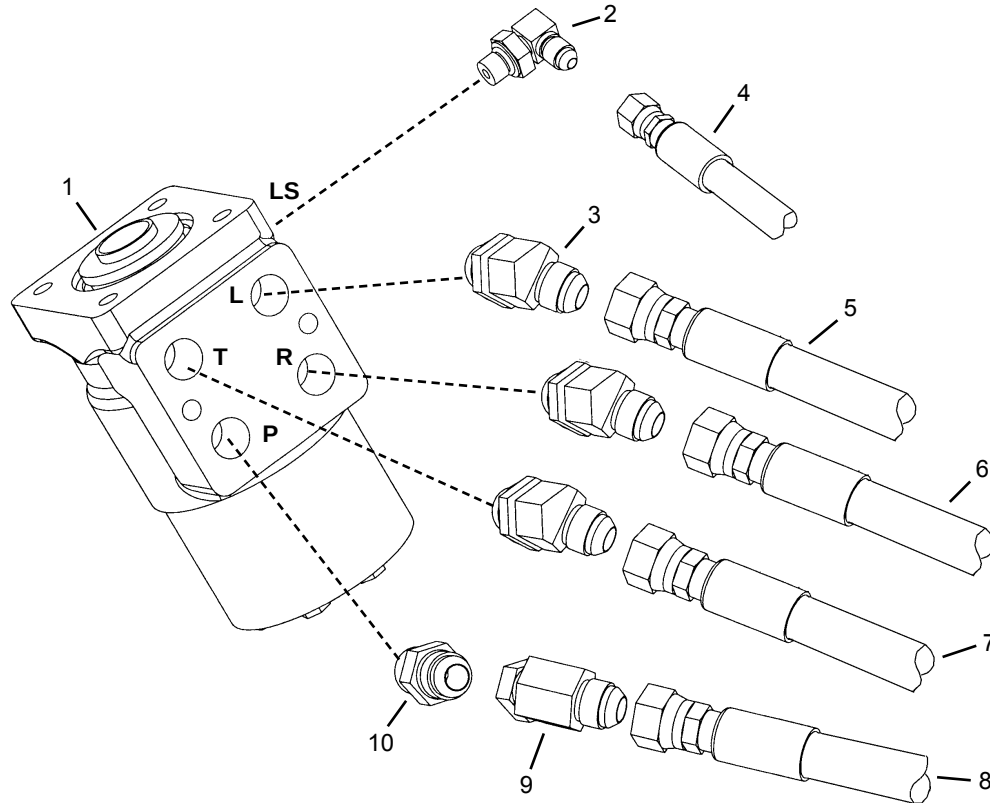
Mustang Telehandler



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69572	BRAKE MODULATING VALVE	1	04	L69926	HOSE, -4 A6/DS6 100"	1
02	068938	ADAP., -6ORM -6JICM 90°	2	05	L69927	HOSE, -4 A6/A6 81"	1
03	054994	ADAP., -6ORM -6JICM STR	1	06	L69929	HOSE, -4 A6/A4 102"	1

Hose Locator

Ref No.	From Port	To Port
04	BRAKE VALVE "P"	SAHR VALVE "AO"
05	BRAKE VALVE "T"	HYDRAULIC TANK RETURN MANIFOLD
06	BRAKE VALVE "B"	BRAKE MANIFOLD (BOTTOM PORT)

744 / 944 / 1155**Hydraulics**
Steer Motor and Hoses

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	101881	STEER MOTOR ASY.	1	07	L69933	HOSE, -6 A8/A6 60"	1
	L500968	SEAL KIT	1	08	L69934	HOSE, -6 A8/DS8 88"	1
02	095601	ADAP., -4ORM -4JICM 90°	1	09	069194	ADAP., -8JICFS -8JICM SWVL.	1
03	076880	ADAP., -80RM -8JICM 45 ELBOW .	3	10	L64524	CHECK VALVE	1
04	L69925	HOSE, -4 A4/A6 100"	1				
05	L69935	HOSE, -6 A8/A6 108"	1				
06	L69936	HOSE, -6 A8/A6 100"	1				

a Field replacement of parts other than seals is not recommended.

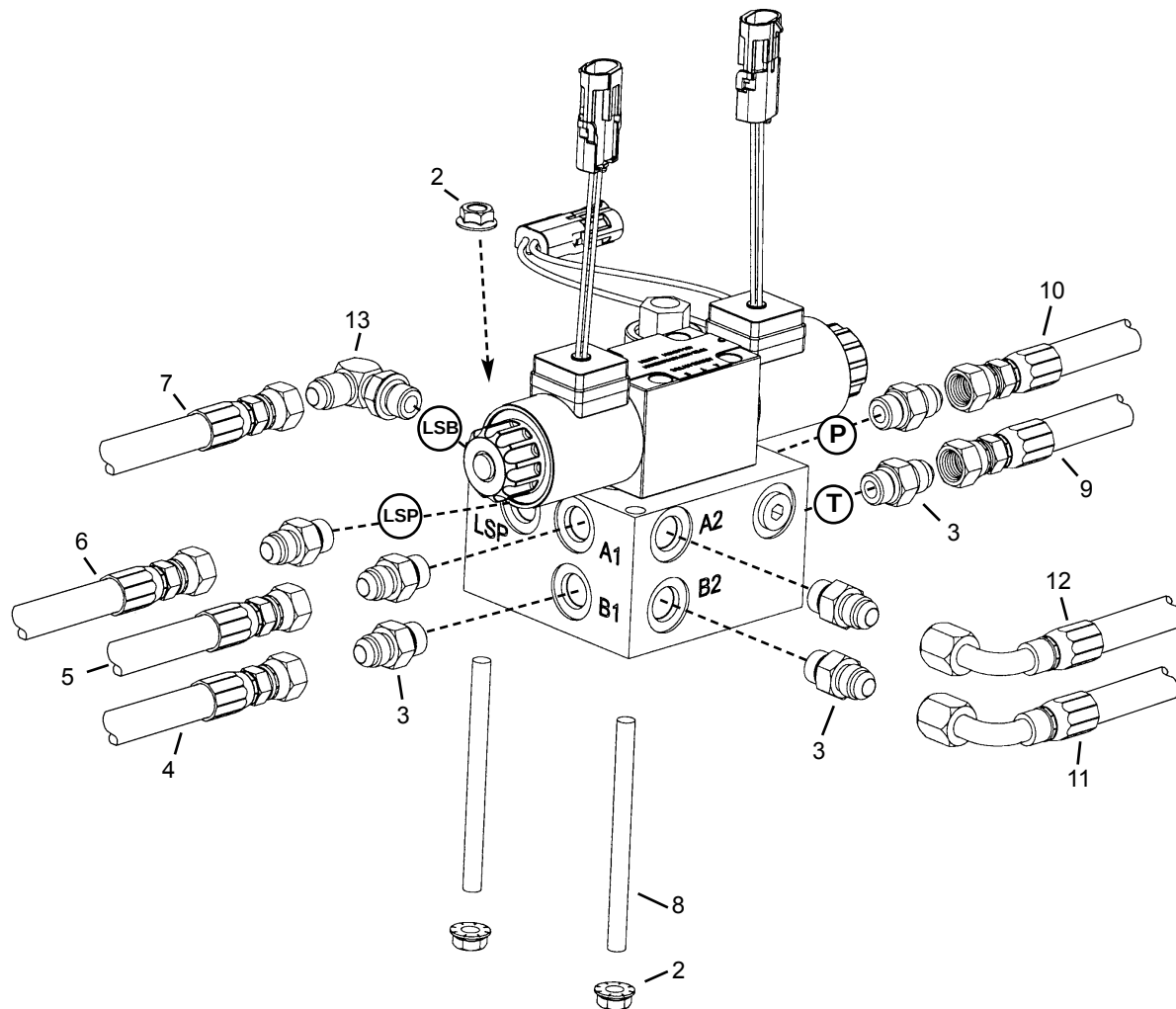
HOSE LOCATOR

04	STEER MOTOR "LS" (IN CAB)	LEVEL VALVE "LSB"
05	STEER MOTOR "L" (IN CAB)	STEER SELECT VALVE "P"
06	STEER MOTOR "R" (IN CAB)	STEER/BRAKE MANIFOLD (TOP RIGHT SIDE)
07	STEER MOTOR "T" (IN CAB)	HYDRAULIC TANK RETURN MANIFOLD
08	STEER MOTOR "P" (IN CAB)	HYDRAULIC PUMP (Ref item #32 on Hyd. Pump)

Hydraulics

Frame Level Valve and Hoses

Mustang Telehandler



744 / 944 / 1155**Hydraulics****Frame Level Valve and Hoses**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70230	LEVEL VALVE (complete)	1	09	L69922	HOSE, -6 A6/A6 50"	1
02	L50056	5/16"-18 NUT	AR	10	L69932	HOSE, -6 A6/A8 46"	1
03	054994	ADAP., -6ORM -6JICM STR	7	11	L70084	HOSE, -4 A6/DS6 65"	1
04	L69921	HOSE, -4 A6/A6 126"	1	12	L70084	HOSE, -4 A6/DS6 65"	1
05	L69921	HOSE, -4 A6/A6 126"	1	13	068938	ADAP., -6ORM -6JICM 90°	1
06	L69903	HOSE, -4, A6/DS6 17"	1				
07	L69925	HOSE, -4 A6/DS6 100"	1				
08	L50679	5/16"-18 x 4" STUD	2				

NOTE: Refer to Hydraulic Components section for a listing of parts for the level valve.

Hose Locator

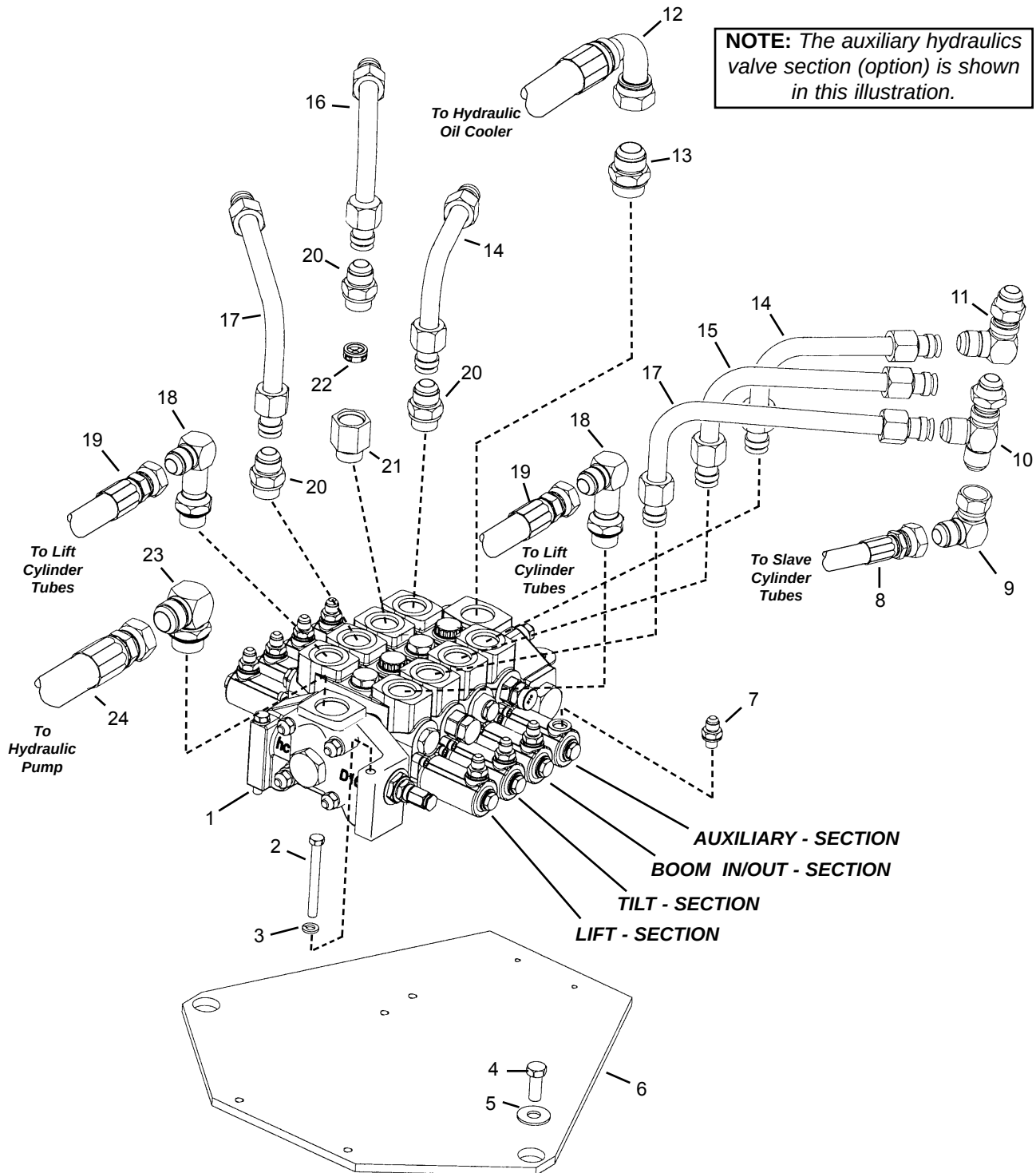
Ref No.	From Port	To Port
04	LEVEL VALVE "A1"	LEVEL CYLINDER (OUTSIDE FITTING)
05	LEVEL VALVE "B1"	LEVEL CYLINDER (CAB SIDE FITTING)
06	LEVEL VALVE "LSP"	HYDRAULIC PUMP "C" (Refer to HYD. PUMP)
07	LEVEL VALVE "LSB"	STEER MOTOR "LS" (IN CAB)
09	LEVEL VALVE "T"	HYDRAULIC TANK RETURN MANIFOLD
10	LEVEL VALVE "P"	HYDRAULIC PUMP "B" (Refer to HYD. PUMP)
11	LEVEL VALVE "B2"	STABILIZER CYLINDER MANIFOLD "M" (REAR)
12	LEVEL VALVE "A2"	STABILIZER CYLINDER MANIFOLD "L" (FRONT)

Hydraulics

Main Control Valve and Hoses

Mustang Telehandler

NOTE: The auxiliary hydraulics valve section (option) is shown in this illustration.



744 / 944 / 1155**Hydraulics****Main Control Valve and Hoses**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		MAIN CONTROL VALVE..... 1		17	103900	TUBE, TILT SECTION..... 2	
	105159	<i>Note a - (not shown)</i>		18	140883	ADAP. -12JICM -12ORM 90° LNG . 2	
	210382	<i>Note b - (shown)</i>		19	L69913	HOSE, -12 A12/DS10 36" 2	
02	650731	3/8"-16 x 3-1/2" BOLT 2		20	072587	ADAP., -12ORM -12JICM STR... AR	
03	654026	3/8" LOCK WASHER..... 2		21	105161	ADAPTER, PORT RESTRICTOR.. 1	
04	650495	1/2"-13 x 1-1/4" BOLT 2		22	L99903	RESTRICTOR, WORK PORT..... 1	
05	654009	1/2" FLAT WASHER 2		23	077965	ADAP., -16JICM -16ORM 90° 1	
06	103899	VALVE MOUNT PLATE..... 1		24	105166	HOSE, -16 A16/A16 60" 1	
07	103194	ADAPTER, JOYSTICK..... AR (1/4BSP -6JICM STR)					
08	L69908	HOSE, -8 A12/DS10 50"..... 2		a	<i>The three-section valve does not include the auxiliary hydraulics work section. To add the auxiliary hydraulics work section to the main valve order (1) P/N 105165 Valve Section and (4) P/N 103059 Tie Rod Kit.</i>		
09	075235	ADAP. -12JICM -12JICFS 90°..... 2					
10	P471299	ADAP., -12JICM BLKHD RUN TEE. 2					
11	230-32674	ADAP., -12JICM BLKHD 90° AR					
12	105167	HOSE, -16 A16/DS16 78"..... 1					
13	064644	ADAP., -16JICM -16ORM STR..... 1		b	<i>Four-section valve, includes auxiliary hydraulics work section.</i>		
14 ^c	103902	TUBE, AUXILIARY SECTION..... 2					
15	103901	TUBE, BOOM IN/OUT (long). 1					
16	105164	TUBE, BOOM IN/OUT (short)..... 1		c	<i>Used when equipped with optional auxiliary hydraulics valve section.</i>		

Mustang Telehandler



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Hydraulics

Tri-Function (Four-Button) Manifold - Standard Hydraulics

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	098691	ADAP., -6JICM BLKHEAD TEE	1	08	L69904	HOSE, -4 A6/DS6 20"	2
02	L69907	HOSE, -4 A6/DS6 84"	1	09	L71360	HOSE, -4 A6/DS6 98"	1
03	L69920	HOSE, -4 A6/A6 40"	1	10	L50741	1/4" x 3-1/4" STUD	2
04	054994	ADAP., -6ORM -6JICM STR	9	11	080556	ADAP., CAP -6JICF	1
05	L69904	HOSE, -4 A6/DS6 20"	2	12	103194	ADAP., 1/4BSP -6JICM	AR
06	L71339	PILOT APPLY MANIFOLD	1	13	210807	ADAP., -6ORM -6JICM (w/orifice) . .	2
07	068938	ADAP., -6ORM -6JICM 90°	1				

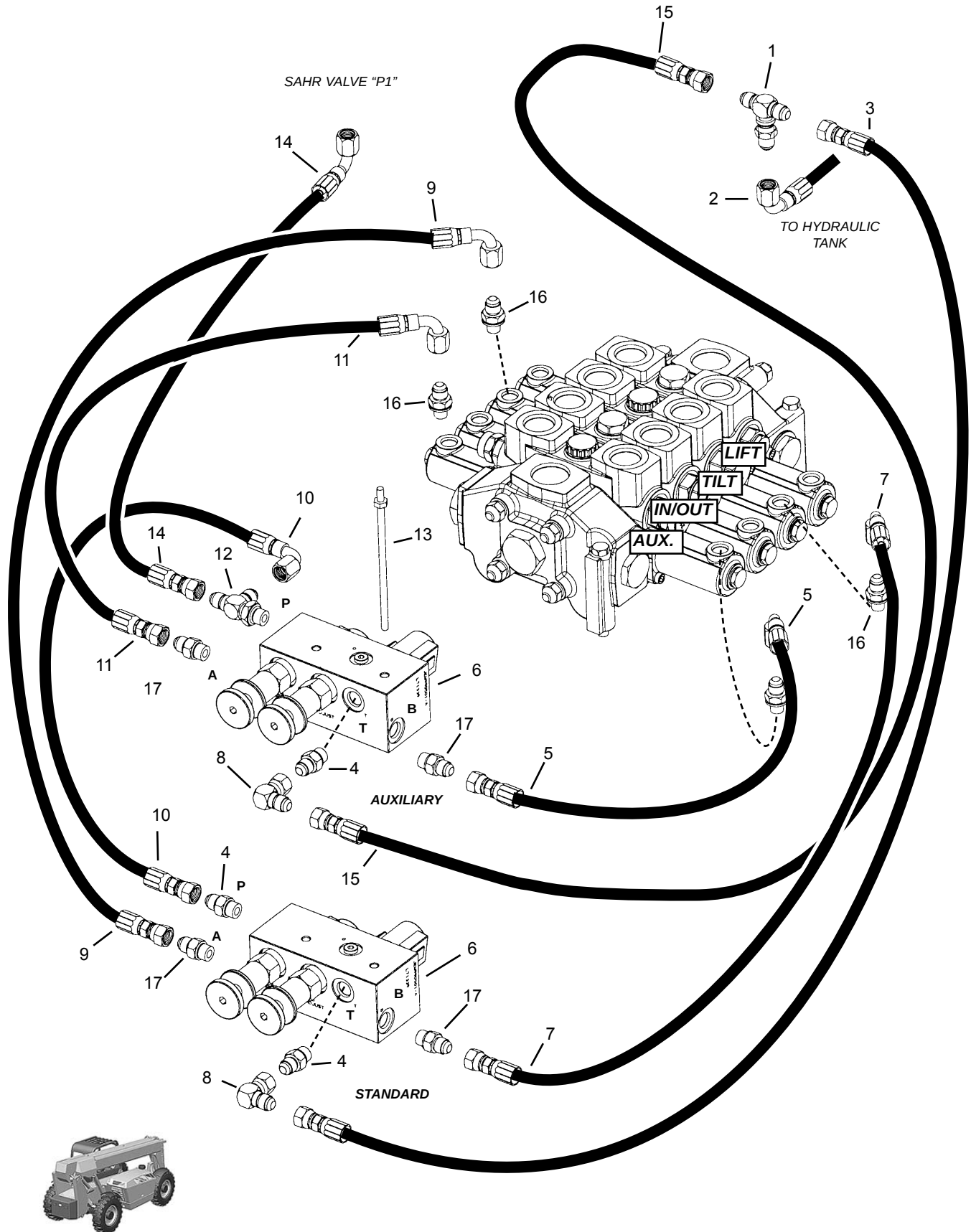
Hose Locator

Ref No.	From Port	To Port
02	BULKHEAD TEE (ABOVE VALVE)	HYDRAULIC TANK RETURN MANIFOLD
03	PILOT APPLY MANIFOLD "T"	BULKHEAD TEE (ABOVE VALVE)
05	PILOT APPLY MANIFOLD "B"	PILOT VALVE (as shown)
08	PILOT APPLY MANIFOLD "A"	PILOT VALVE (as shown)
09	PILOT APPLY MANIFOLD "P"	SAHR VALVE "P1" (BOTTOM OF TEE)

Hydraulics

Mustang Telehandler

Tri-Function (Four-Button) Manifold - w/Auxiliary Hydraulics



744 / 944 / 1155**Hydraulics****Tri-Function (Four-Button) Manifold - w/Auxiliary Hydraulics**

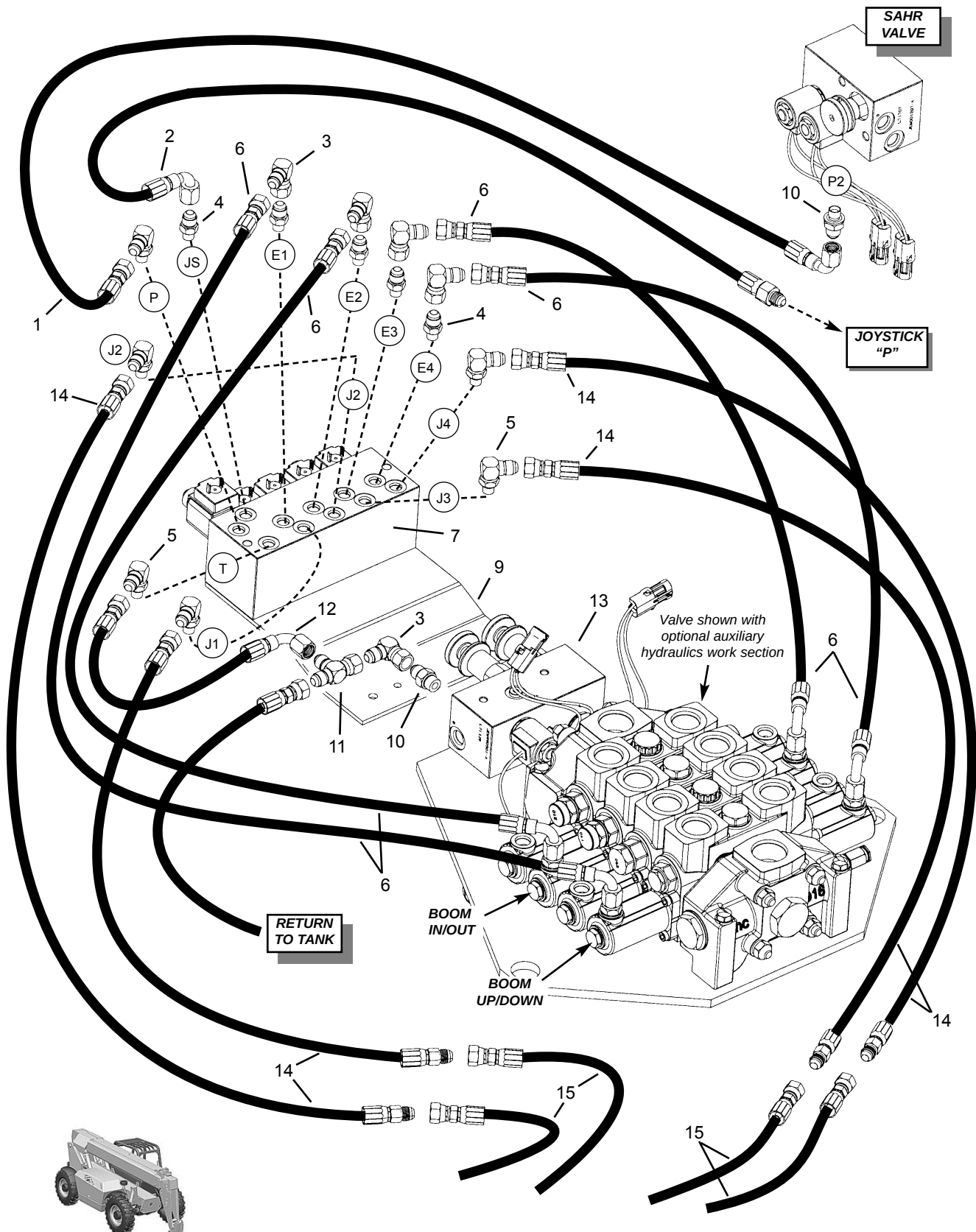
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	098691	ADAP., -6JICM BLKHEAD TEE....	1	10	L69903	HOSE, -4 A6/DS6 17"	1
02	L69907	HOSE, -4 A6/DS6 84"	1	11	L69903	HOSE, -4 A6/DS6 17"	1
03	L69920	HOSE, -4 A6/A6 40"	1	12	054820	ADAP., -6ORM -6JICM RUN TEE..	1
04	054994	ADAP., -6ORM -6JICM STR.	AR	13	L50745	1/4"-20 x 5-3/4" STUD.	2
05	L69903	HOSE, -4 A6/DS6 17"	1	14	L71360	HOSE, -4 A6/DS6 98"	1
06	L71339	PILOT APPLY MANIFOLD.	1	15	L69920	HOSE, -4 A6/A6 40"	1
07	L69904	HOSE, -4 A6/DS6 20"	1	16	103194	ADAP., 1/4BSP -6JICM	AR
08	091039	ADAP., -6JICFS -6JICM 90°	2	17	210807	ADAP., -6ORM -6JICM (w/orifice) ..	4
09	L69904	HOSE, -4 A6/DS6 20"	1				

Hose Locator

Ref No.	From Port	To Port
02	BULKHEAD TEE (ABOVE VALVE)	HYDRAULIC TANK RETURN MANIFOLD
03	STANDARD PILOT APPLY MANIFOLD "T"	BULKHEAD TEE (ABOVE VALVE)
05	AUXILIARY PILOT APPLY MANIFOLD "B"	PILOT VALVE (as shown)
07	STANDARD PILOT APPLY MANIFOLD "B"	PILOT VALVE (as shown)
09	STANDARD PILOT APPLY MANIFOLD "A"	PILOT VALVE (as shown)
10	STANDARD PILOT APPLY MANIFOLD "P"	AUXILIARY PILOT APPLY MANIFOLD "P"
11	AUXILIARY PILOT APPLY MANIFOLD "A"	PILOT VALVE (as shown)
14	AUXILIARY PILOT APPLY MANIFOLD "P"	SAHR VALVE "P1" (BOTTOM OF TEE)
15	AUXILIARY PILOT APPLY MANIFOLD "T"	BULKHEAD TEE (ABOVE VALVE)

Mustang Telehandler

Tri-Function (Four-Button) Manifold - Radio Remote Option



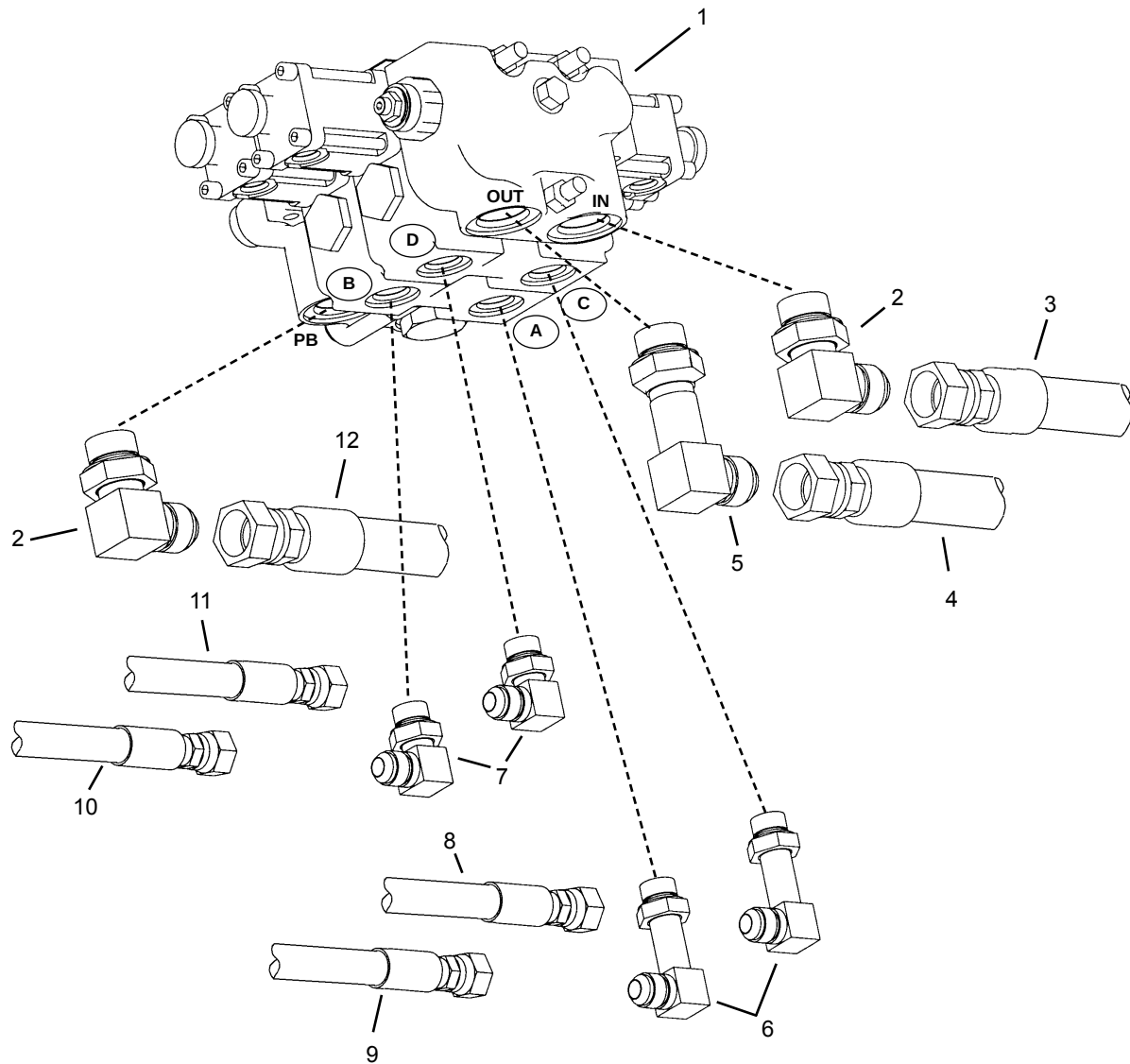
744 / 944 / 1155**Hydraulics****Tri-Function (Four-Button) Manifold - Radio Remote Option**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	103506	HOSE, -4 A6/DS6 106"	1	13 ^a	L71339	PILOT APPLY MANIFOLD	AR
02	103505	HOSE, -4 DS6/H6 109"	1	14	L69902	HOSE, -4 H6/A6 20"	4
03	091039	ADAP., -6JICFS -6JICM 90°	AR	15 ^b	L69906	HOSE, -4 A6/A6 110"	4
04	129124	ADAP., -4ORM -6JICM STR.	5	<i>a Units equipped with the auxiliary hydraulics option use two manifolds, and the hose routing remains the same as shown in the illustration on the facing page.</i> <i>b Hoses connect to the tri-function controller (joystick). Refer to "Tri-Function Controller" for more information</i>			
05	137784	ADAP., -4ORM -6JICM 90°	6				
06	L68804	HOSE, -4 A6/DS6 26"	4				
07	103413	MANIFOLD, RADIO REMOTE	1				
09	103425	MOUNT, MANIFOLD	1				
10	054994	ADAP., -6ORM -6JICM STR.	AR				
11	072806	ADAP., -6 RUN TEE	1				
12	L69903	HOSE, -4 A6/DS6 17"	1				

Hydraulics

Outrigger Valve and Hoses

Mustang Telehandler

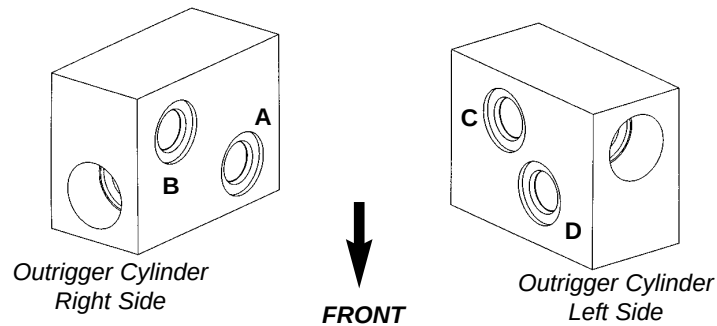


744 / 944 / 1155

Hydraulics

Outrigger Valve and Hoses

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70528	OUTRIGGER VALVE (V20)	1	07	054816	ADAP., -8ORM -8JICM 90°	2
02	055005	ADAP., -12ORM -12JICM 90°	2	08	L70691	HOSE, -6 A8/DS8 70"	1
03	L70694	HOSE, -12 A12/A16 76"	1	09	L70691	HOSE, -6 A8/DS8 70"	1
04	L70692	HOSE, -12 A12/NS10 51"	1	10	L70695	HOSE, -6 A8/DS8 68"	1
05	140883	ADAP -12ORM -12JICM 90° LNG	1	11	L70695	HOSE, -6 A8/DS8 68"	1
06	126862	ADAP., -8ORM -8JICM 90° LNG	2	12	L70693	HOSE, -12 A12/A16 61"	1



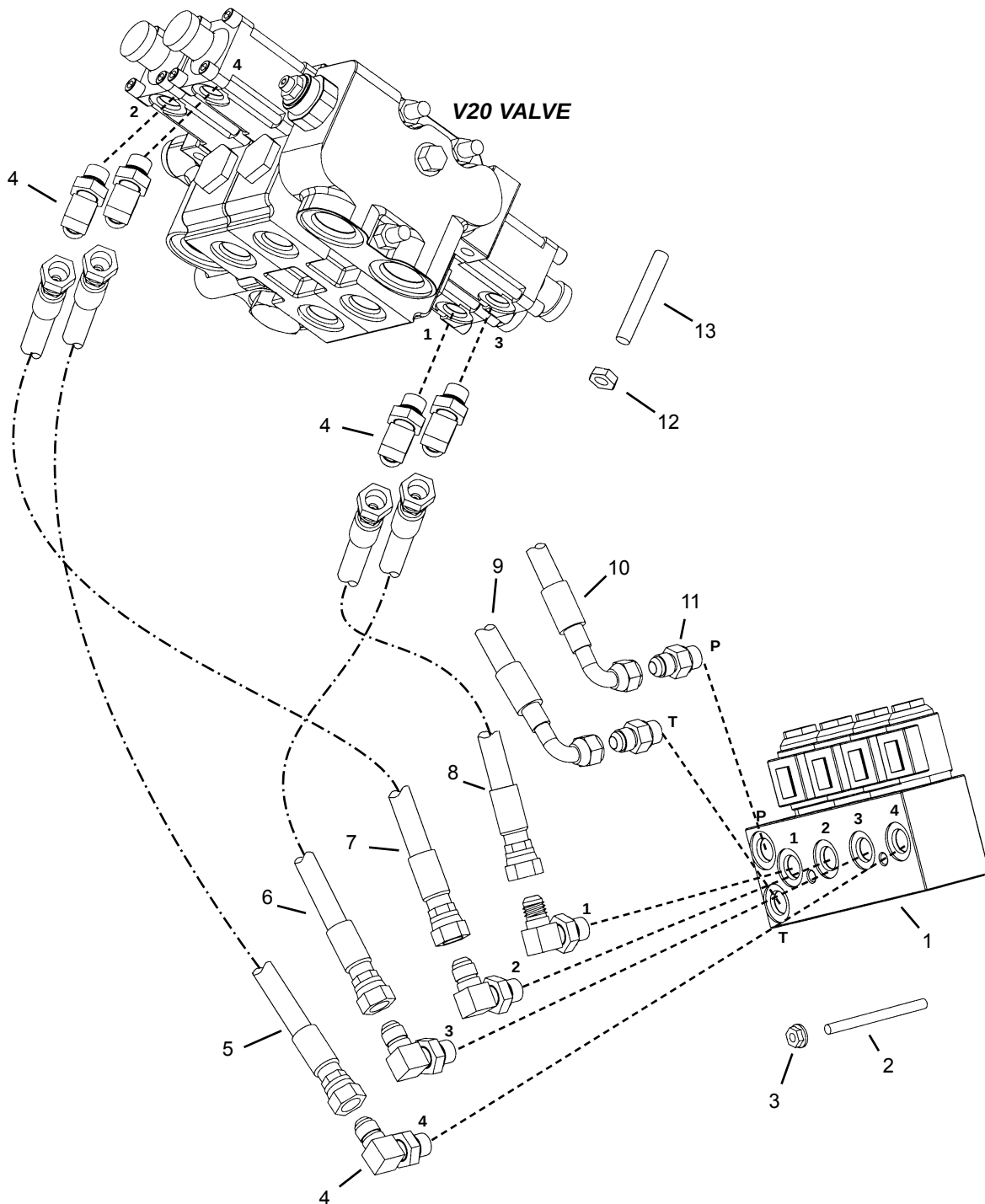
Hose Locator

Ref No.	From Port	To Port
03	V20 VALVE "IN"	FLOW DIVIDER ON HYDRAULIC PUMP
04	V20 VALVE "OUT"	HYDRAULIC TANK
08	V20 VALVE "C"	LEFT OUTRIGGER "UPPER PORT" (C)
09	V20 VALVE "A"	RIGHT OUTRIGGER "LOWER PORT" (A)
10	V20 VALVE "B"	RIGHT OUTRIGGER "UPPER PORT" (B)
11	V20 VALVE "D"	LEFT OUTRIGGER "LOWER PORT" (D)
12	V20 VALVE "PB"	HYDRAULIC PUMP

Hydraulics

Outrigger Manifold and Hoses

Mustang Telehandler



744 / 944 / 1155

Hydraulics

Outrigger Manifold and Hoses

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	103878	OUTRIGGER PILOT VALVE	1	08	L70688	HOSE, -4 A6/A6 16"	1
02	L50743	1/4"-20 x 3" STUD	2	09	L70690	HOSE, -4 A6/DS6 70"	1
03	L50051	1/4"-20 FLANGE NUT	2	10	L70690	HOSE, -4 A6/DS6 70"	1
04	068938	ADAP., -6ORM - 6JICM 90°	8	11	054994	ADAP., -6ORM -6JICM STR	11
05	L70689	HOSE, -4 A6/A6 28"	1	12	L520004	5/16"-18 NYLON INSERT NUT	3
06	L70688	HOSE, -4 A6/A6 16"	1	13	L50878	5/16"-18 x 3" STUD	3
07	L70689	HOSE, -4 A6/A6 28"	1				

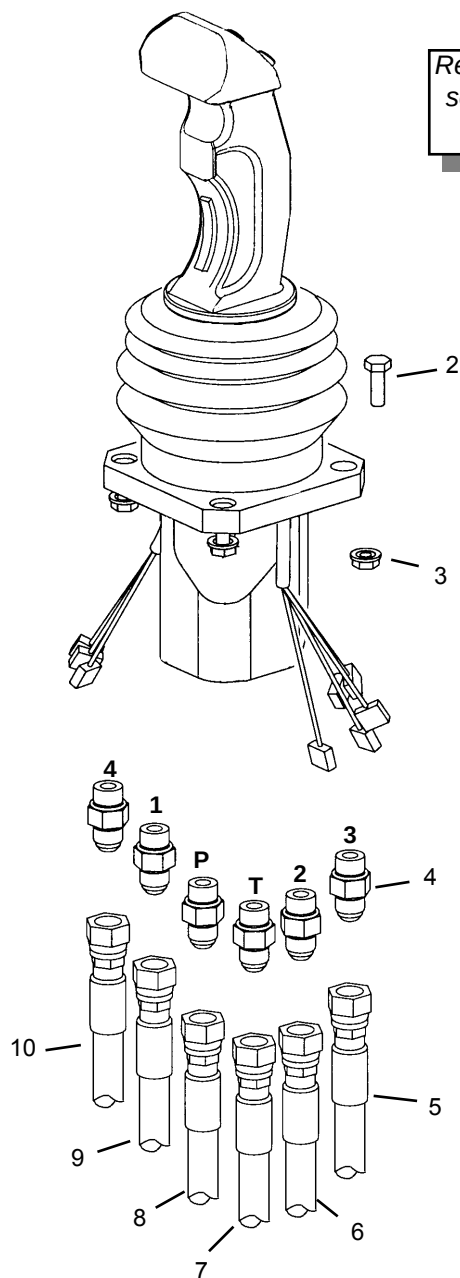
Hose Locator

Ref No.	From Port	To Port
05	OUTRIGGER PILOT MANIFOLD "4"	V20 VALVE "4"
06	OUTRIGGER PILOT MANIFOLD "3"	V20 VALVE "3"
07	OUTRIGGER PILOT MANIFOLD "2"	V20 VALVE "2"
08	OUTRIGGER PILOT MANIFOLD "1"	V20 VALVE "1"
09	OUTRIGGER PILOT MANIFOLD "T"	HYDRAULIC PUMP FLOW DIVIDER "T"
10	OUTRIGGER PILOT MANIFOLD "P"	HYDRAULIC PUMP FLOW DIVIDER "PF"

Hydraulics

Mustang Telehandler

Tri-Function (Four-Button) Controller



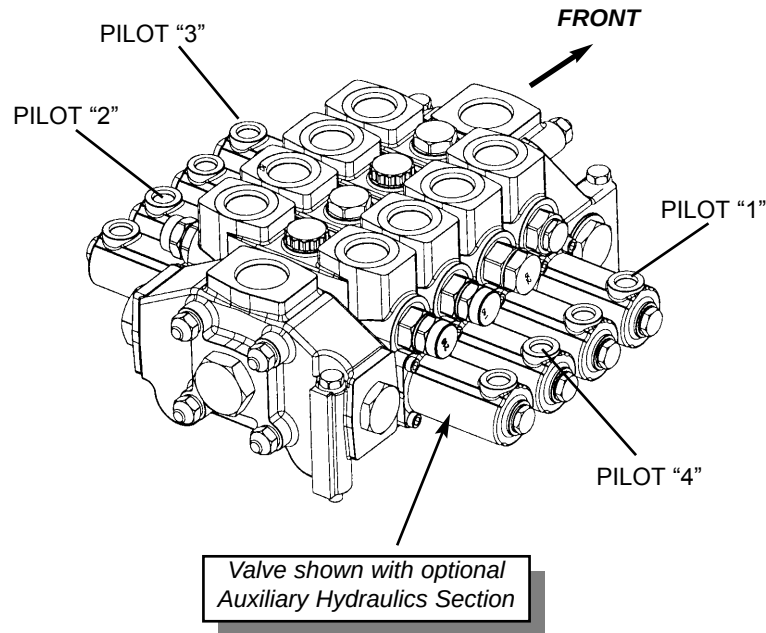
Refer to "Hydraulic Components" section for a complete listing of parts for the controller.

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Hydraulics

Tri-Function (Four-Button) Controller

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
02	650448	1/4"-20 x 3/4" BOLT	4	07	L69928	HOSE, -4 A6/A6 25"	1
03	L50051	1/4"-20 FLANGE NUT	4	08	L69930	HOSE, -4 A6/A6 46"	1
04	054994	ADAP., -6ORM -6ORM STR	6	09	L69906	HOSE, -4 A6/A6 110"	1
05	L69906	HOSE, -4 A6/A6 110"	1	10	L69906	HOSE, -4 A6/A6 110"	1
06	L69906	HOSE, -4 A6/A6 110"	1				



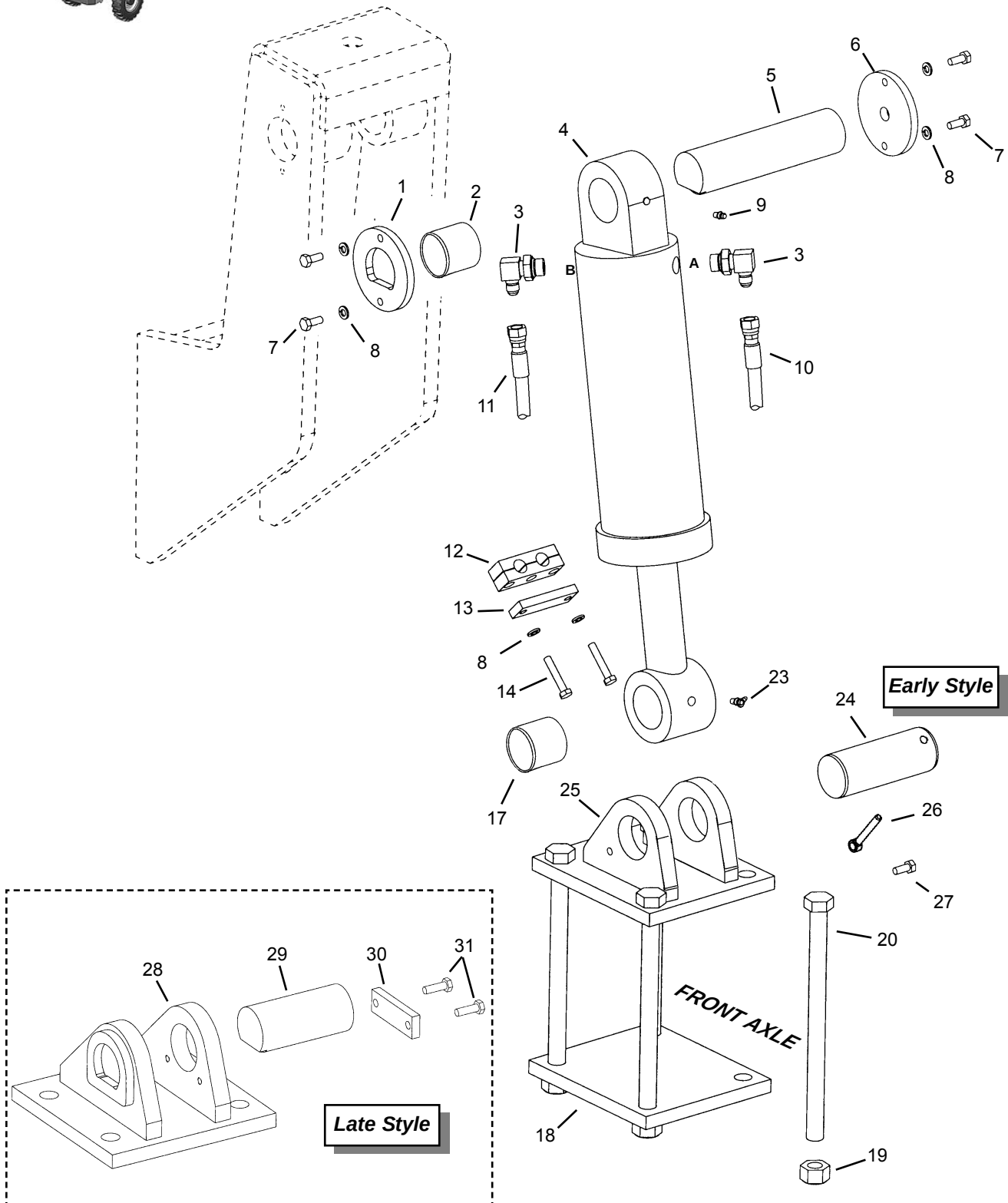
Hose Locator

Ref No.	From Port	To Port
05	JOYSTICK "3"	PILOT "3"
06	JOYSTICK "2"	PILOT "2"
07	JOYSTICK "T"	HYDRAULIC TANK RETURN MANIFOLD
08	JOYSTICK "P"	SAHR VALVE "P2"
09	JOYSTICK "1"	PILOT "1"
10	JOYSTICK "4"	PILOT "4"

Hydraulics

Frame Level Cylinder Group

Mustang Telehandler



744 / 944 / 1155**Hydraulics**
Frame Level Cylinder Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69725	PIN LOCK CAP 2"	1	19	L50084	3/4"-10 NUT GR8	4
02	L64367	BUSHING (<i>base end</i>)	1	20	L50684	3/4-10X11" GR8 BOLT	4
03	110227	ADAP., -8ORM -6JICM 90°	2	23	L10057	ZERK, 1/4"-28 90°	1
04	L63015	FRAME LEVEL CYLINDER	1	24 ^a	L68882	LEVEL CYL. PIN (<i>base end</i>)	1
05	L70385	LEVEL CYLINDER PIN	1	25 ^a	100252	LEVEL CYL MOUNT WELDMNT	1
06	L69724	PIVOT PIN LOCK CAP	1	26 ^a	L68881	LOCK, PIVOT PIN	1
07	650486	5/16"-18 x 3/4" BOLT	4	27 ^a	650491	BOLT	1
08	654024	5/16" LOCK WASHER	6	28 ^b	210543	FRAME LEVEL/STABILIZER MNT.	1
09	L10465	ZERK, 1/4"-28 STR	1	29 ^b	210447	PIN (<i>rod end</i>)	1
10	L69921	HOSE, -4 A6/A6 126"	1	30 ^b	L63715	PLATE	1
11	L69921	HOSE, -4 A6/A6 126"	1	31 ^b	650487	5/16" x 1" BOLT	2
12	L63716	TWIN HOSE CUSHION 11/16"	2				
13	L63715	TWIN CUSH. TOP PLATE	1				
14	650692	5/16-18 x 1-3/4" BOLT	2				
17	L63016	BUSHING (<i>rod end</i>)	1	a	<i>Early style frame level and stabilizer mount.</i>		
18	100255	LEVEL MOUNT PLATE	1	b	<i>Late style frame level and stabilizer mount.</i>		

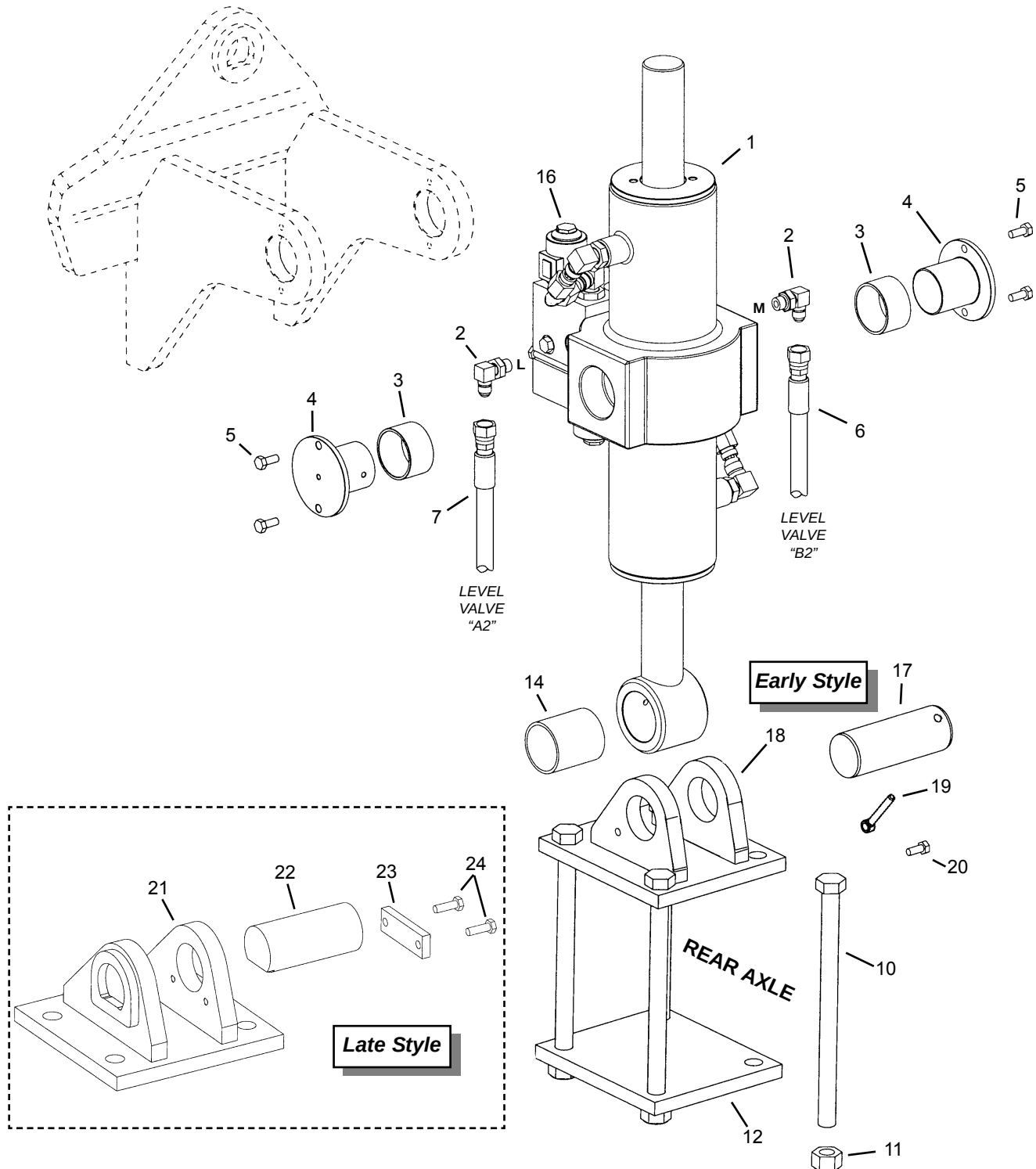
Hose Locator

Ref No.	From Port	To Port
10	LEVEL CYLINDER "A"	LEVEL VALVE "A1"
11	LEVEL CYLINDER "B"	LEVEL VALVE "B1"

Hydraulics

Frame Stabilizer Cylinder Group

Mustang Telehandler



744 / 944 / 1155**Hydraulics****Frame Stabilizer Cylinder Group**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	L70358	FRAME STABILIZER CYLINDER . . 1 (cylinder only - does not include #16)	1	16 ^a	L71166	STABILIZER CYL. MANIFOLD 1	1
02	068938	ADAP., -6ORM -6JICM 90° 2	2	17 ^b	L68882	LEVEL CYL. PIN (rod end) 1	1
03	L69774	BUSHING 2	2	18 ^b	100252	LEVEL CYL MOUNT WELDMENT . 1	1
04	L69776	TRUNNION PIVOT PIN 2	2	19 ^b	L68881	LOCK, PIVOT PIN 1	1
05	650486	5/16"-18 x 3/4" BOLT 4	4	20 ^b	650491	BOLT 1	1
06	L70084	HOSE, -4 A6/DS6 65" 1	1	21 ^c	210543	FRAME LEVEL/STABILIZER MNT. . 1	1
07	L70084	HOSE, -4 A6/DS6 65" 1	1	22 ^c	210447	PIN (rod end) 1	1
10	L50684	3/4-10X11" GR8 BOLT 4	4	23 ^c	L63715	PLATE 1	1
11	L50084	3/4"-10 NUT GR8 4	4	24 ^c	650487	5/16" x 1" BOLT 2	2
12	100255	LEVEL MOUNT PLATE 1	1				
13	650818	3/8"-16 x 3" BOLT 1	1				
14	L69138	BUSHING (rod end) 1	1	a	Refer to Hydraulic Components section - Stabilizer Manifold for manifold, valves, hardware and tubes.		
15	L63275	FRAME LEVEL CYL PIN 1	1	b	Early style frame level and stabilizer mount.		
				c	Late style frame level and stabilizer mount.		

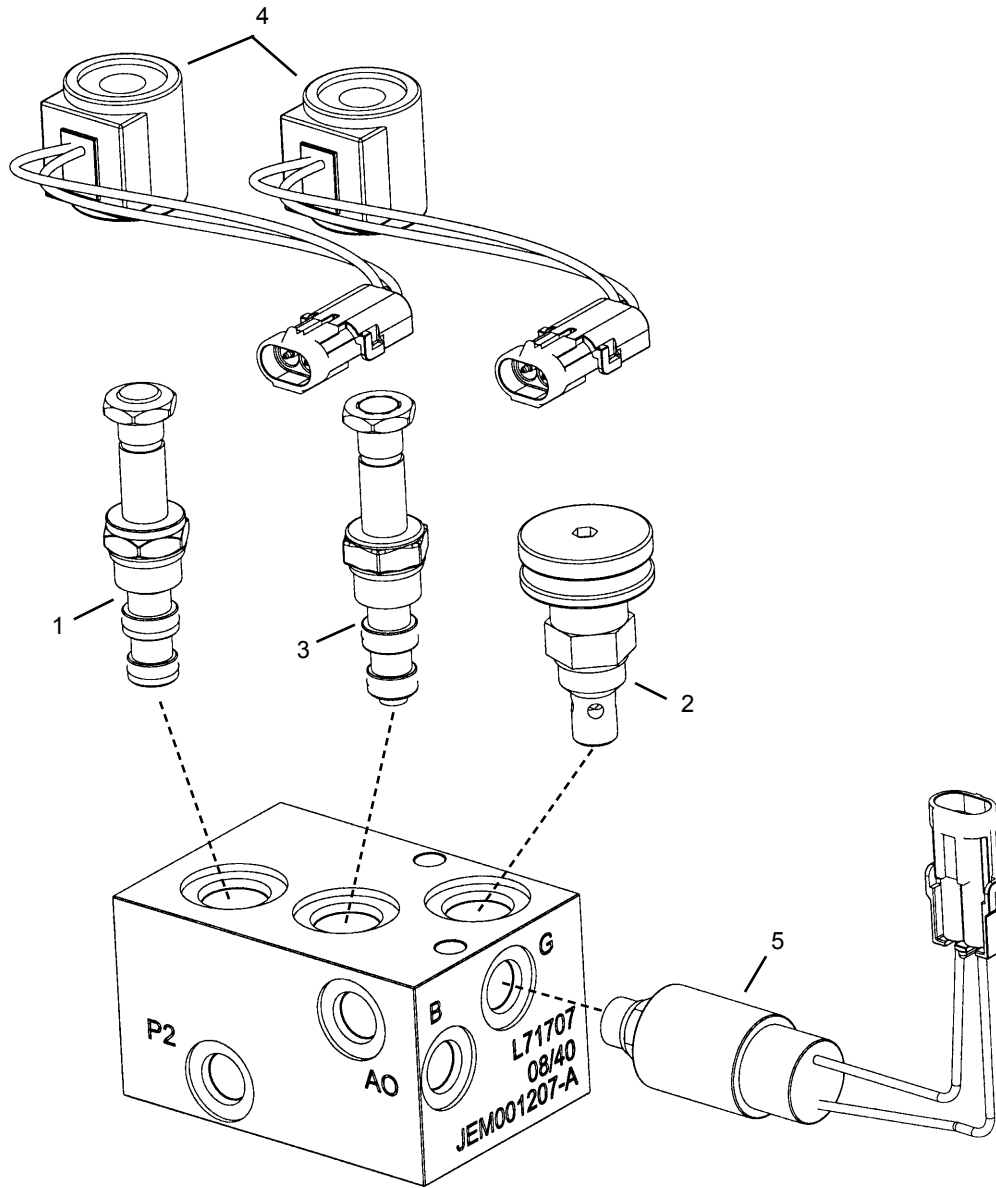
Hose Locator

Ref No.	From Port	To Port
06	STABILIZER CYLINDER MANIFOLD "L"	LEVEL VALVE "A2"
07	STABILIZER CYLINDER MANIFOLD "M"	LEVEL VALVE "B2"

Hydraulic Components

Mustang Telehandler

SAHR (Spring Applied Hydraulic Release) Valve—(Early Style)



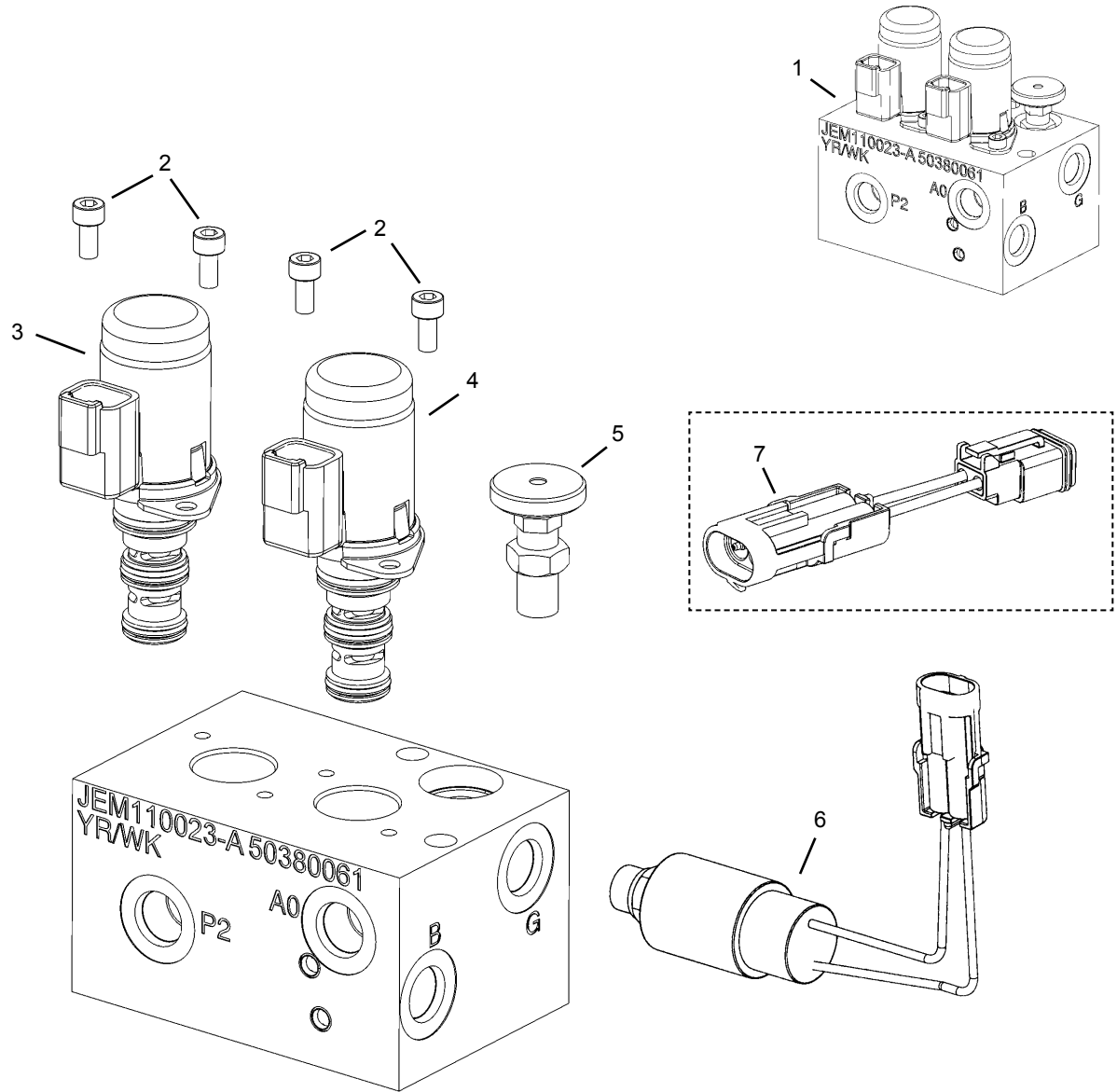
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00 ^a	NA	SAHR/ACCUM CHARGE VALVE . . . 1 (includes items 1-4)		03	L99912	3-WAY 2 POSITION VALVE 1 (includes item 4)	
01	L99910	3-WAY 2 POSITION VALVE 1 (includes item 4)			L99911	SEAL KIT 1	
	L99911	SEAL KIT 1		04	L99908	COIL/WEATHERPAK 12VDC 1	
02	L99919	NEEDLE VALVE 1		05	L70008	PRESSURE SWITCH 1 (Not included with valve.)	
	L99925	SEAL KIT 1					

^a Complete valve is not available, order Later Style valve shown on facing page.

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Hydraulic Components

SAHR (Spring Applied Hydraulic Release) Valve—(Later Style)

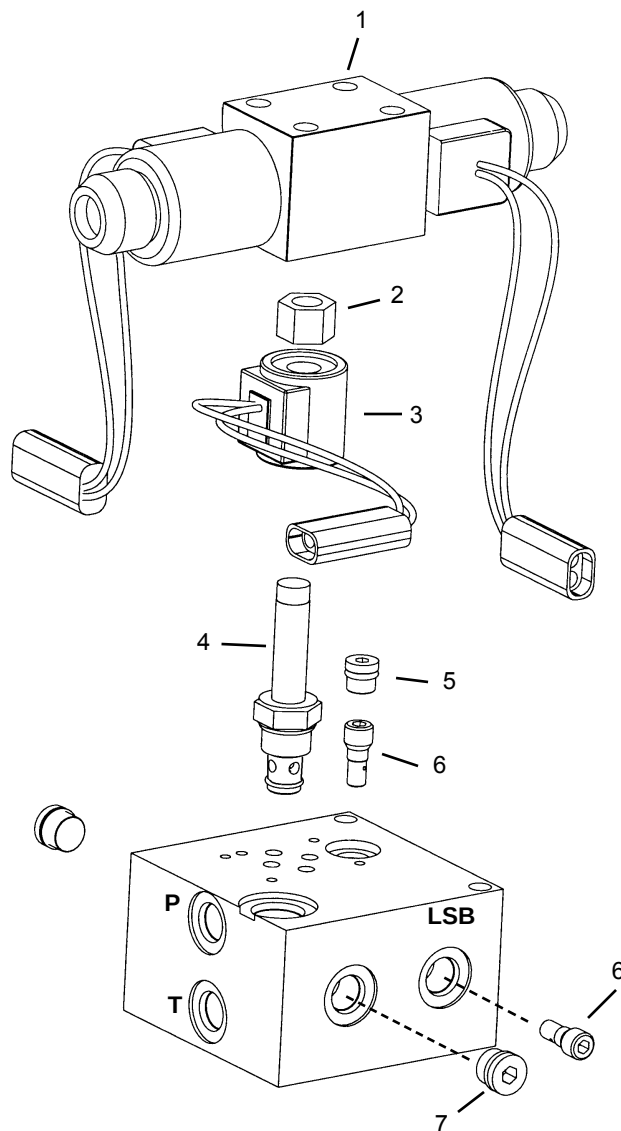


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	50380061	SAHR/ACCUM CHARGE VALVE .. 1 (includes items 1-5)		04	50380062	3-WAY/2-POSITION VALVE	1
02	240197	M5-0.08 x 10 MM SHCS	4	05	240202	SEAL KIT	1
03	244655	3-WAY/2-POSITION VALVE	1	06	106888	NEEDLE VALVE	1
	240202	SEAL KIT	1	07	L70008	PRESSURE SWITCH	1
						(not included with valve)	
					211161	WIRE HARNESS, JUMPER	1

Hydraulic Components

Frame-Level Valve - (Early Style)

Mustang Telehandler



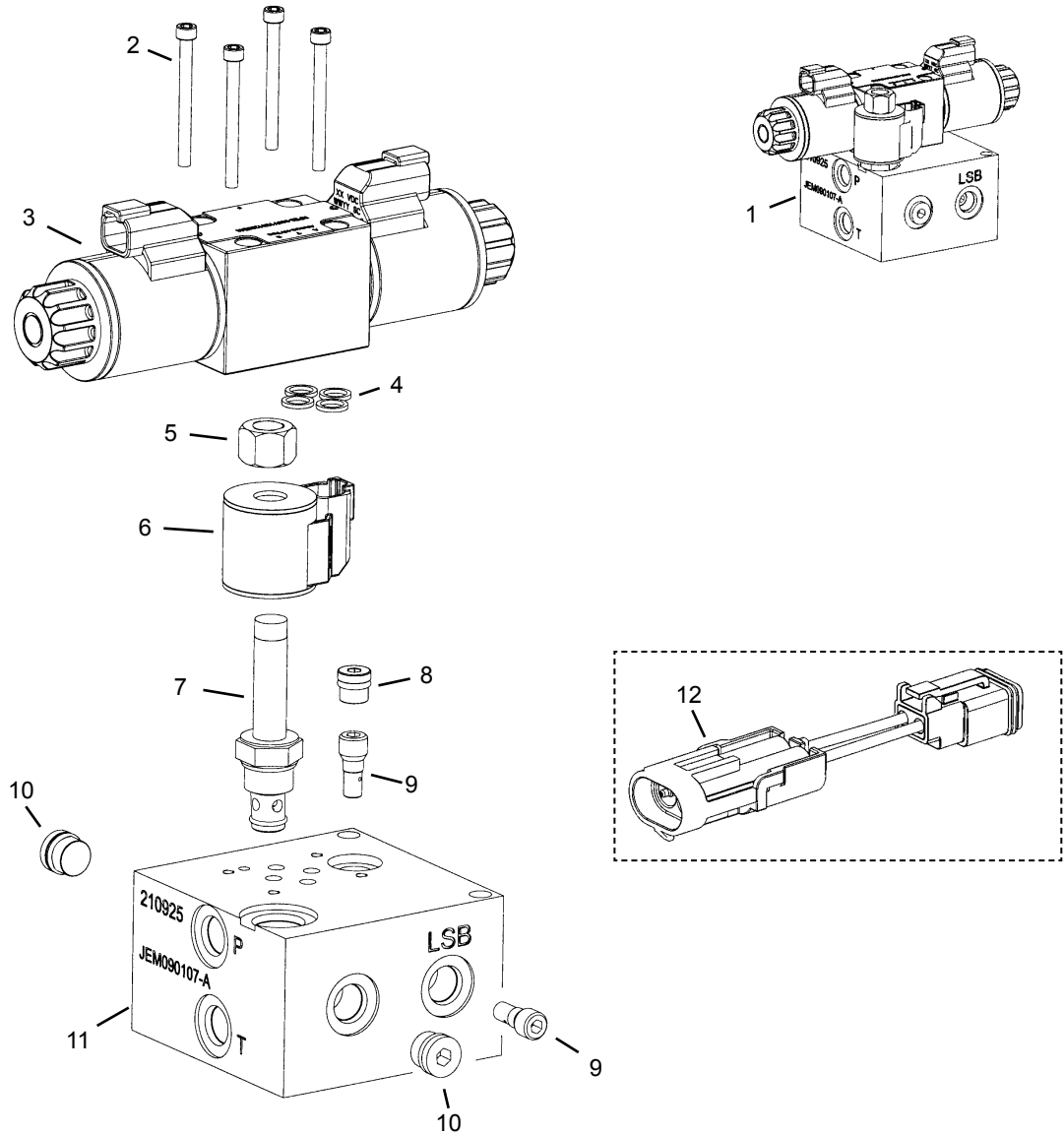
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00 ^a	NSS	LEVEL VALVE	1	04	L99920	2 WAY SOLENOID VALVE	1
		(includes all parts shown)				(includes item 2.)	
01	L99921	VALVE, WEATHERPAK	1		L99925	SEAL KIT	1
	L99907	SEAL KIT	1	05	L99917	PLUG -4 NWD	1
02	NSS	NUT	2	06	L99923	SHUTTLE VALVE	2
		(included with item 4.)		07	L99922	PLUG -6 NWD	2
03	L99908	COIL, WEATHERPAK 12VDC	1				

a For complete valve, order PN 210925 (shown on facing page).

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Hydraulic Components

Frame Level Valve - (Later Style)

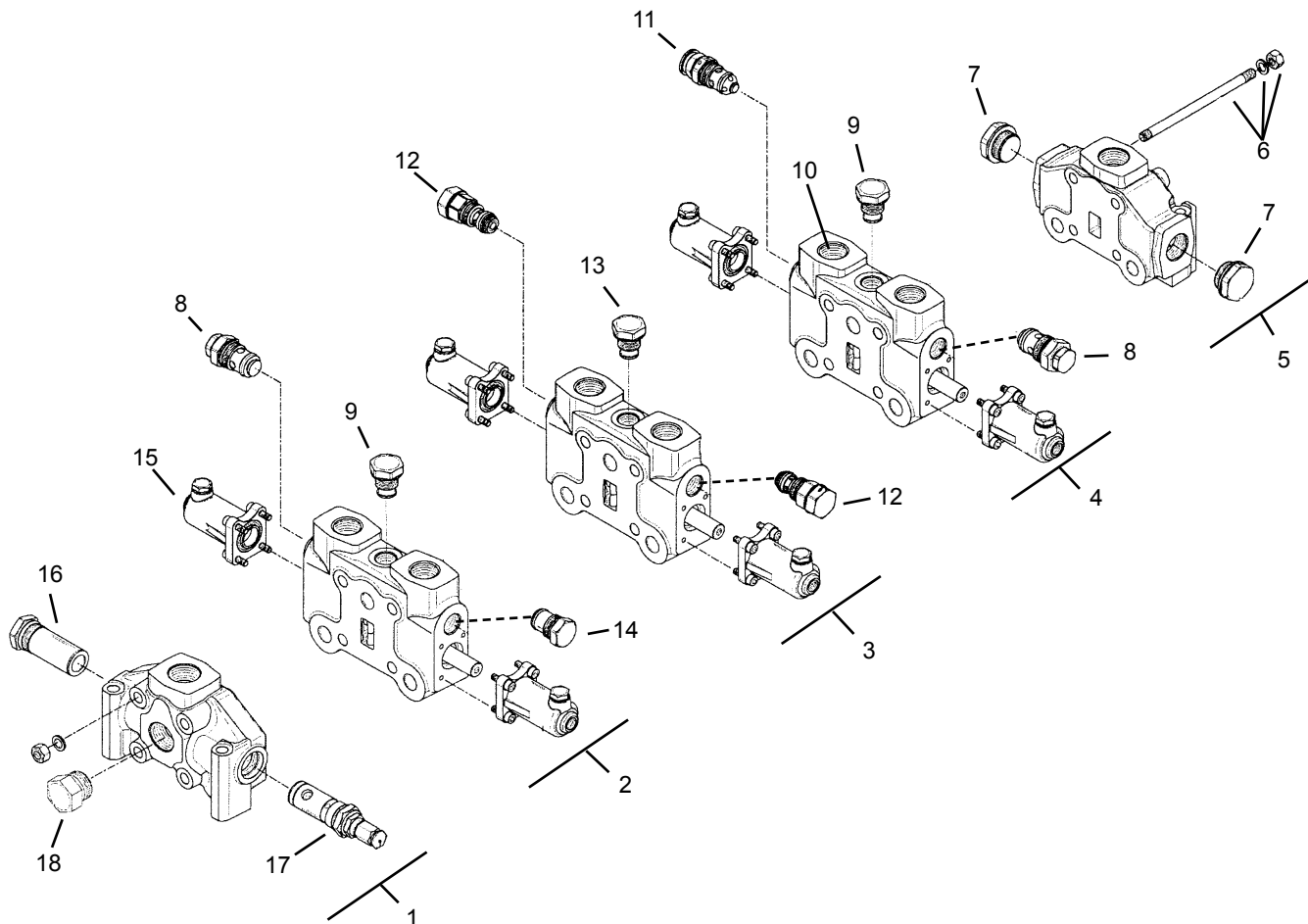


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	210925	FRAME LEVEL VALVE	1	08	L99917	PLUG -4 NWD	1
02 ^a	NSS	#10-24 x 2" SHCS	4	09	L99923	SHUTTLE VALVE	2
03	211239	VAVLE, WEATHERPAK DO3	1	10	L99922	PLUG -6 NWD	2
04 ^{ab}	107000	SEAL KIT (for item #3)	1	11	NSS	MANIFOLD	1
05	NSS	NUT (included with item #7)	1	12	211161	JUMPER WIRE, SOLENOID	2
06	104736	COIL, 12 VDC	1				
07	L99920	2-WAY SOLENOID VALVE	1	a	Included with item #3		
	L99995	SEAL KIT	1	b	Not all items in the seal kit are shown.		

Hydraulic Components

Main Control Valve

Mustang Telehandler



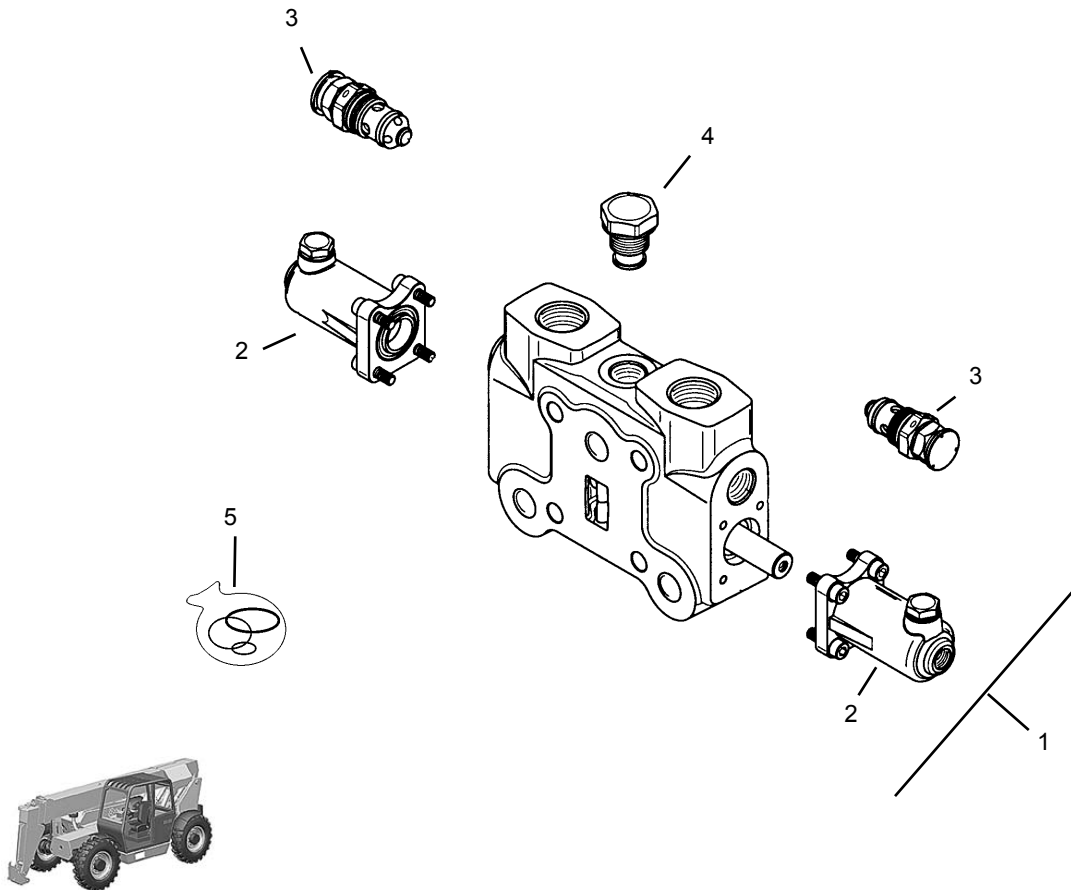
744 / 944 / 1155**Hydraulic Components****Main Control Valve**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		MAIN CONTROL VALVE (complete)	1	10	L99903	WORK PORT RESTRICTOR	1
	105159	Note a - (shown)		11	103048	ANTI-SHOCK VALVE (210 bar)	1
	210382	Note b - (not shown)		12	103045	COMBINATION VALVE (210 bar)	2
01	103054	INLET SECTION	1	13	104320	CHECK VALVE	1
		(includes items 16-18)		14	103047	PLUG KIT	1
	103063	SECTION SEAL KIT (not shown)	1	15	103053	CONTROL KIT	AR
02	103057	WORK SECTION (lift)	1	16	103050	PLUG KIT	1
		(includes items 8,9,14,15)		17	103049	PILOT RELIEF VALVE (210 bar)	1
	103066	SECTION SEAL KIT (not shown)	1	18	103051	PLUG KIT, 1-5/16"-12 UNF	1
03	103058	WORK SECTION (tilt)	1			(includes copper washers)	
		(includes items 12-13)		19 ^d	105557	COMPLETE SEAL KIT (Note c)	1
	103067	SECTION SEAL KIT (not shown)	1				
04	103056	WORK SECTION (boom in/out)	1	a	Does not include auxiliary hydraulics valve section.		
		(includes items 8-11)		b	Includes auxiliary hydraulics valve section (not shown). Refer to next page for auxiliary hydraulics work section information.		
	103065	SECTION SEAL KIT (not shown)	1				
05	103061	OUTLET SECTION	1	c	Order (4) tie rod kits to replace all four studs, eight nuts and eight washers.		
		(includes item 7)		d	Items included with seal kit are not shown in detail. For four-section valves, order seal kits: (1) 105557 main valve seal kit and (1) 103087 auxiliary section seal kit.		
06 ^c		TIE ROD KIT	4				
		(includes 1 bolt, 2 nuts & 2 washers)					
	105556	(Three-section valve)					
	103059	(Four-section valve)					
07	103068	PLUG	2				
08	103046	ANTI-CAVITATION VALVE	AR				
09	103052	CHECK VALVE	AR				

Hydraulic Components

Auxiliary Hydraulic Valve Section

Mustang Telehandler

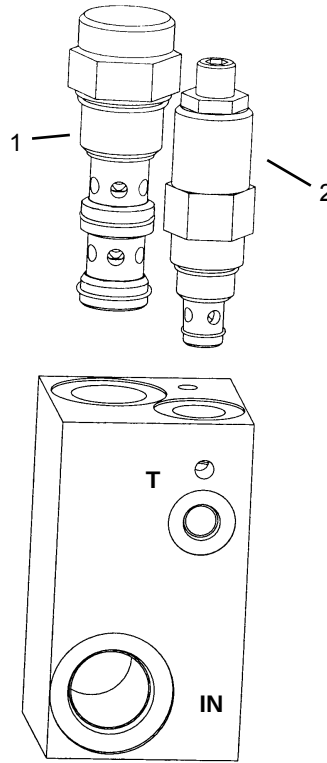


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105165	AUXILIARY HYD. WORK SECT. 1 (includes items 1-4)		00	103059	-- ITEMS NOT SHOWN -- TIE ROD KIT (4-section valve) 4 (includes one tie rod, two nuts and two washers)	
02 ^a	103053	HYDRAULIC CONTROL KIT 2					
03 ^c	103086	ANTI-SHOCK VALVE 1					
04 ^c	103052	CHECK VALVE 1					
05 ^b	103087	SEAL KIT 1					
				a		Includes outer caps, o-rings, bolts, plug and internal spool spring for the work section, does not include o-rings for valves/plugs or the spool.	
				b		Items included with seal kit are not shown in detail.	
				c		Seals and o-rings for the valve are not sold individually, however they are included with the work section seal kit where the valve is used.	

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Hydraulic Components

Flow-Divider Valve

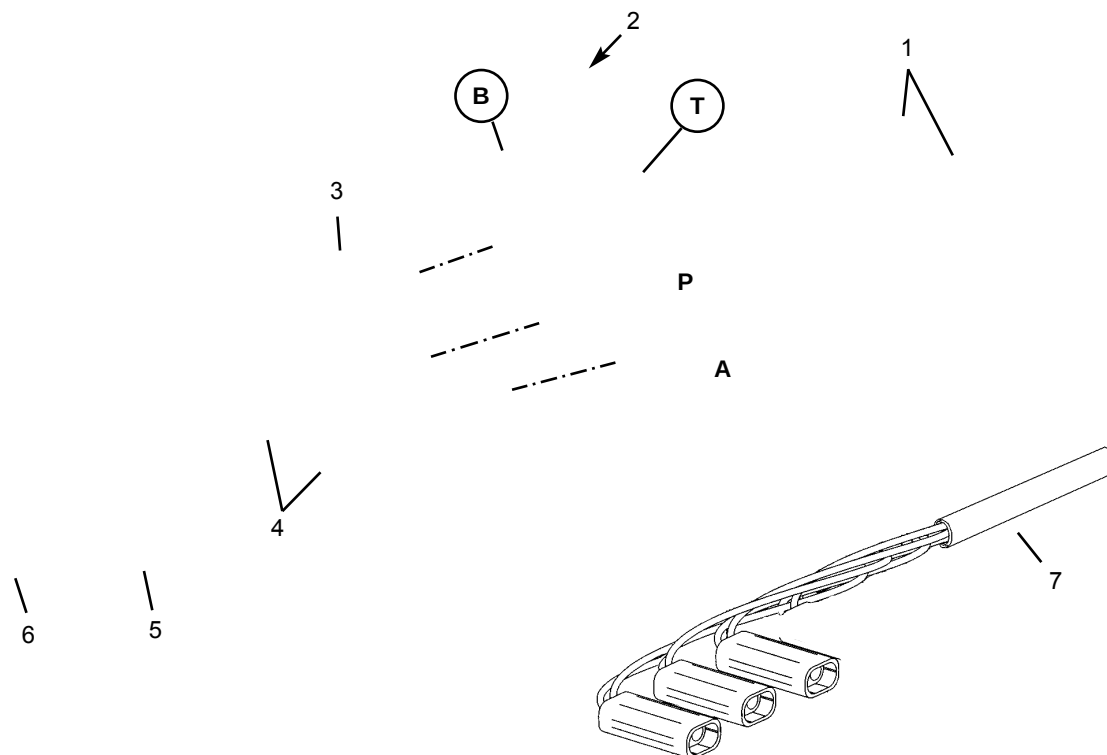


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70229	FLOW DIVIDER..... 1 (includes all items shown)		02	L99927	RELIEF VALVE	1
01	L99928	PRESSURE REGULATOR	1		L99925	SEAL KIT	1
	L99929	SEAL KIT	1				

Hydraulic Components

Mustang Telehandler

Pilot Manifold - Tri-Function (Four-Button) (Early Style)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00 ^a	NA	PILOT APPLY MANIFOLD ^b (includes all items except item 7)		04	L99910	VALVE, 3-WAY 2- POSITION 2 (includes item 6)	
01	L500745	PRESSURE CONTROL 2			L99911	SEAL KIT, 3-WAY VALVE 2	
	L99911	SEAL KIT 2		05	L99908	COIL, WEATHERPAK 12VDC 3	
02	L99917	PLUG -4 NWD STYLE 1		06	NSS	NUT 3 (included with items 3 and 4)	
03	L500746	VALVE, 2 WAY 1 (includes item 6)		07	L71343	WIRE HARNESS, TILT CONTROL . 1	
	L99924	SEAL KIT, 2-WAY VALVE 1					

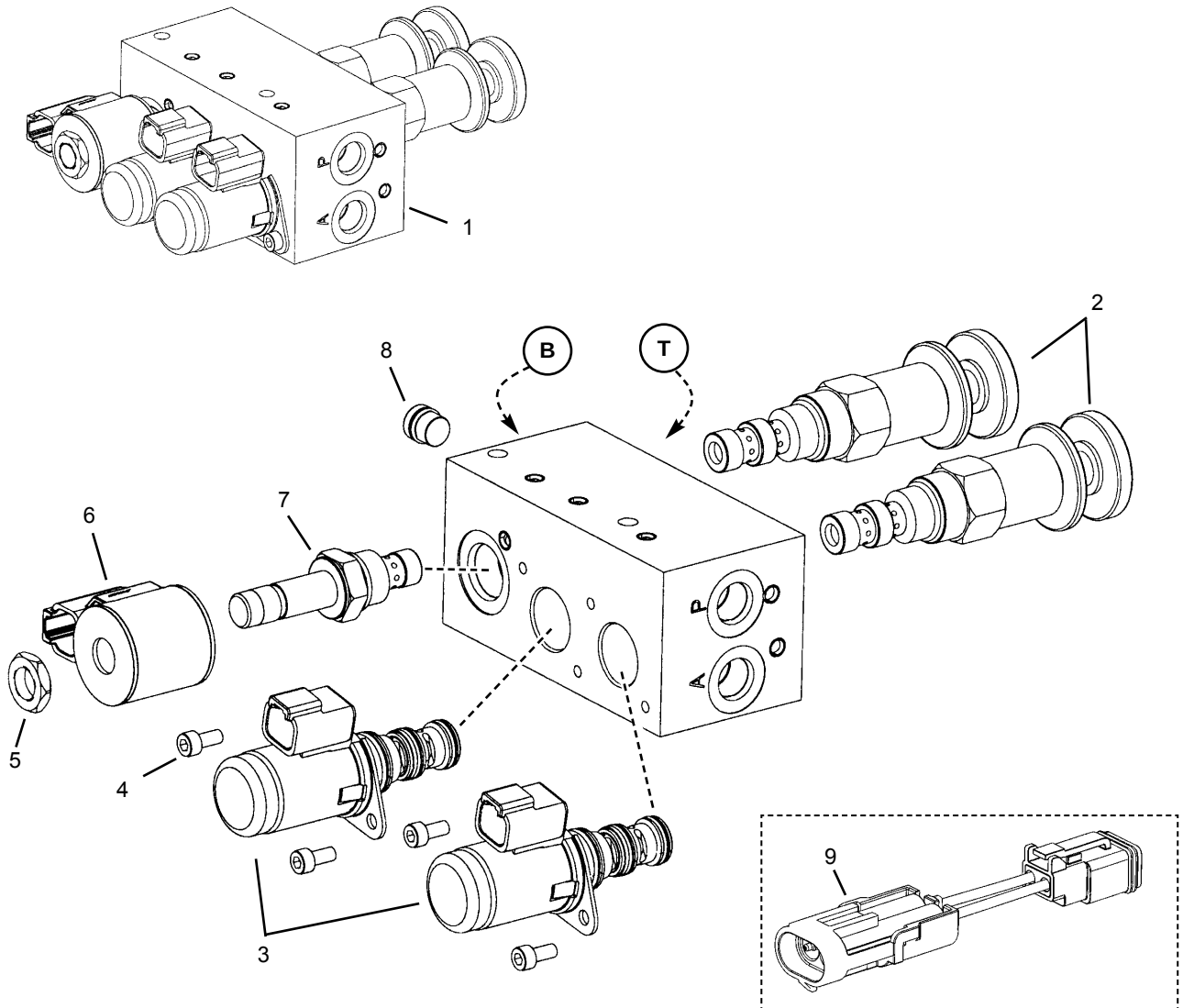
^b Units equipped with auxiliary hydraulics use two pilot apply manifolds.

^a For complete valve, order later style pilot apply manifold—refer to facing page.

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Hydraulic Components

Pilot Manifold - Tri-Function (Four-Button) (Later Style)

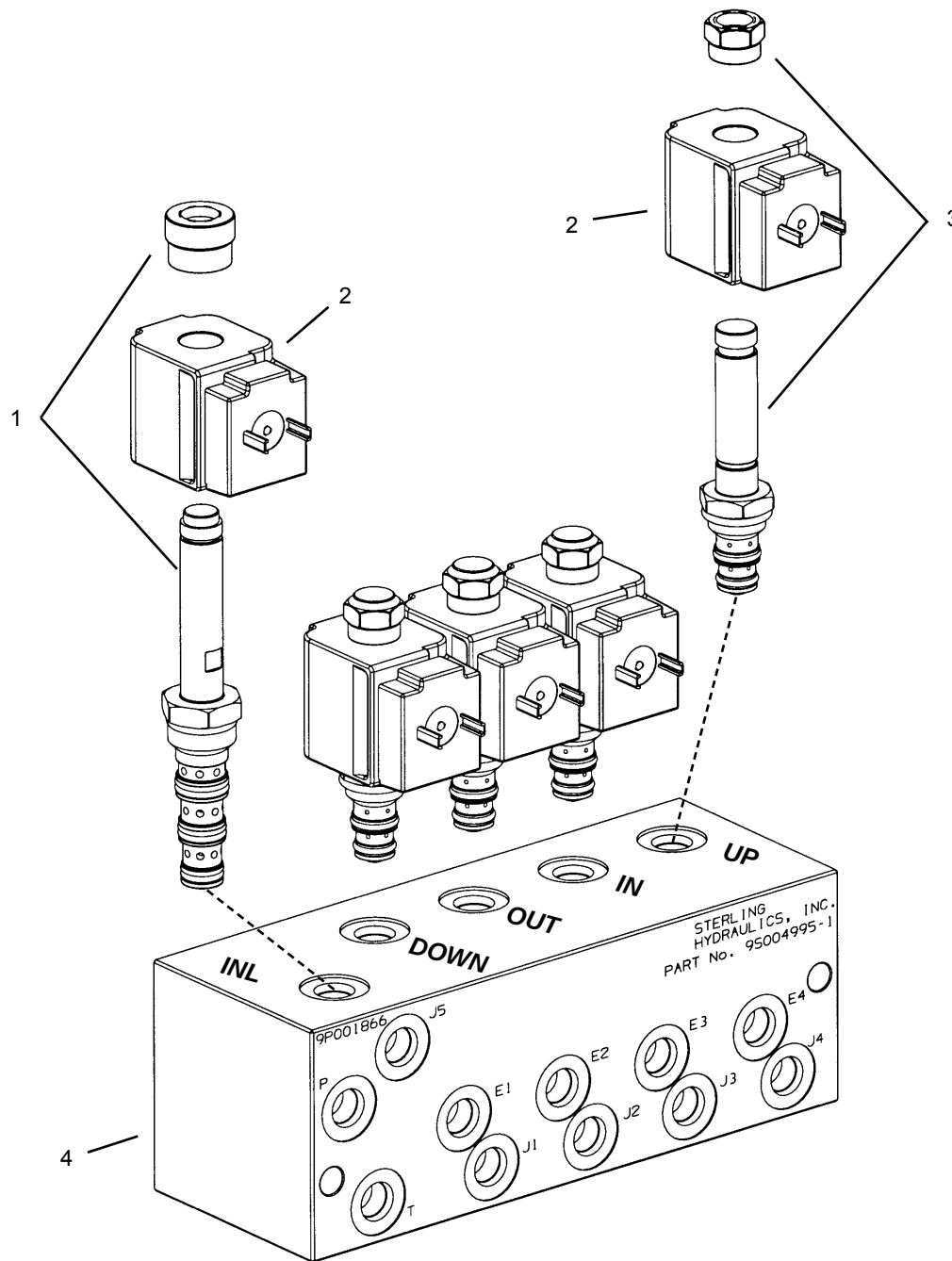


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	106898	PILOT APPLY MANIFOLD ^a (includes all items except item 9)		07	L500746	VALVE, 2-WAY (includes item 5)	1
02	L500745	PRESSURE CONTROL	2		L99924	SEAL KIT, 2-WAY VALVE	1
	L99911	SEAL KIT	2	08	L99917	PLUG -4 NWD STYLE	1
03	244655	CARTRIDGE, 3-WAY/2-POSITION . 2		09	211161	WIRE HARNESS, TILT CONTROL . 1	
	240202	SEAL KIT (for one cartridge) . . . AR					
04	106893	SCHS M5-.08X10MM	4				
05	NSS	COIL NUT (included with item 7) . . 1					
06	106892	COIL, 12VDC	1				
				^a	Units equipped with Auxiliary Hydraulics use (2) 106898 Pilot Apply Manifolds.		

Hydraulic Components

Radio Remote Manifold

Mustang Telehandler

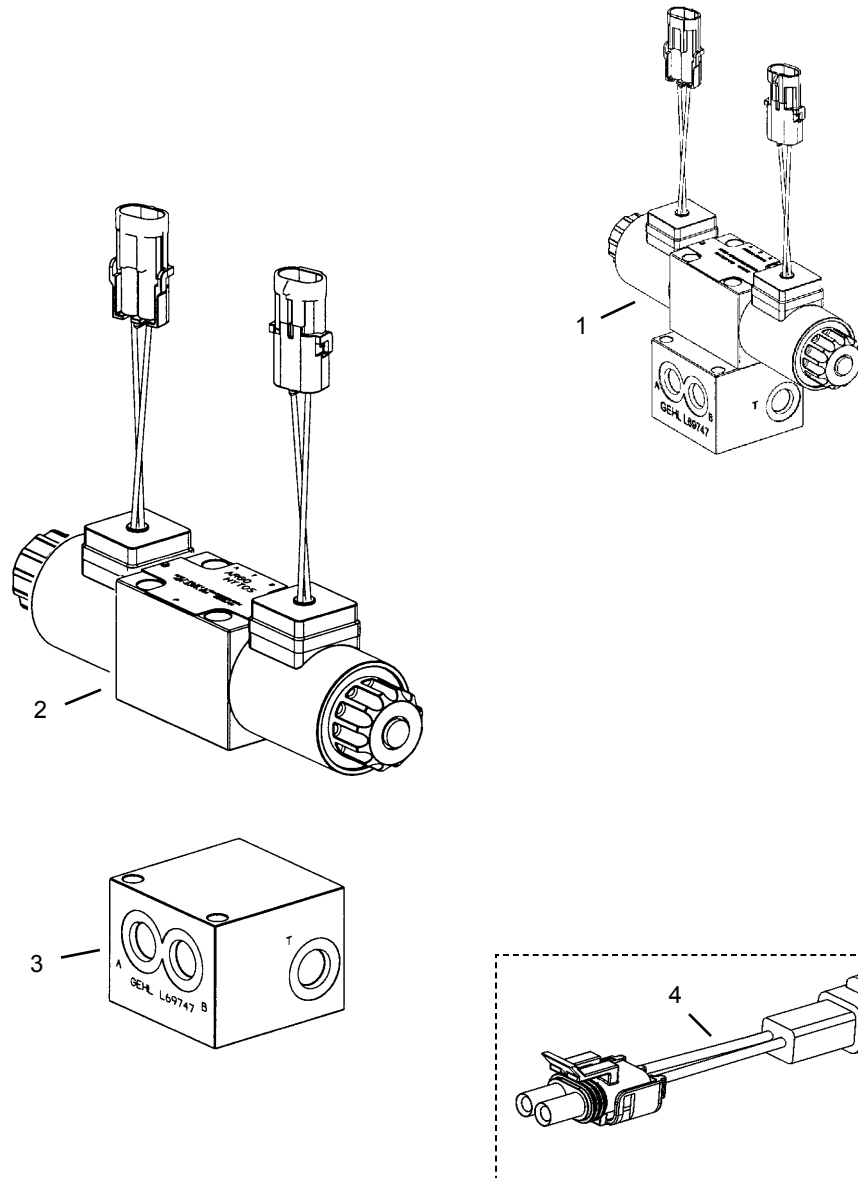


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	103413	RADIO REMOTE MANFOLD	1	-- ITEMS NOT SHOWN --			
		(includes all items shown and listed)		00	103514	SHUTTLE VALVE	4
01	103508	2/4 WAY SOLENOID VALVE	1	103513	SEAL KIT FOR VALVE	AR	
	103511	SEAL KIT FOR VALVE	1				
02	103510	12 VDC COIL (DIN CONN.)	5				
03	103509	PROPORTIONAL PRESS. VALVE	4				
	103512	SEAL KIT FOR VALVE	AR				
04	NSS	MANIFOLD	1				

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Hydraulic Components

Steer-Select Valve

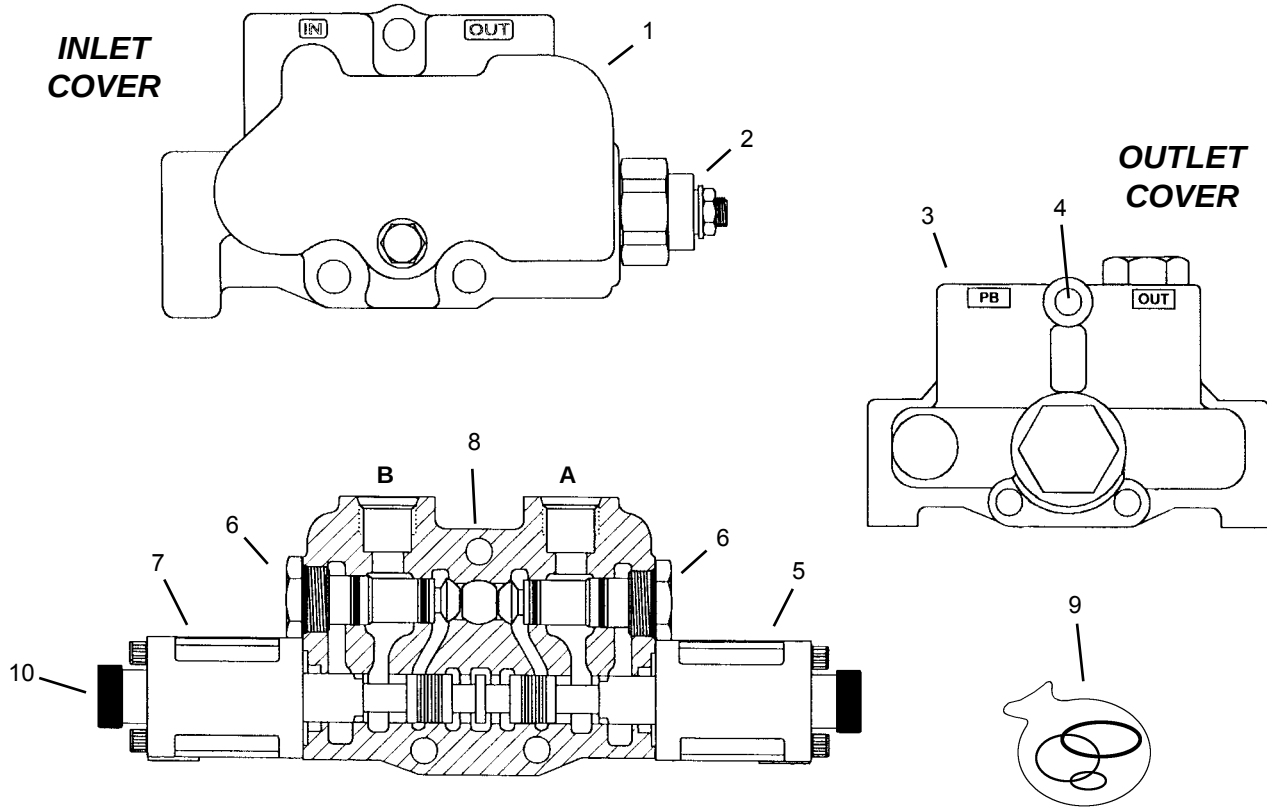


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69747	STEER SELECT VALVE (compl.). . . 1		00	L68711	-- ITEMS NOT SHOWN --	
		(includes items 1 and 2)				WIRE HARNESS 2	
02	210018	WEATHER PAK VALVE 1				(connects wire leads to frame wiring)	
03	NSS	MANIFOLD 1					
04	50380338	WIRE HARNESS, SOLENOID 2					

Hydraulic Components

Outrigger Valve

Mustang Telehandler

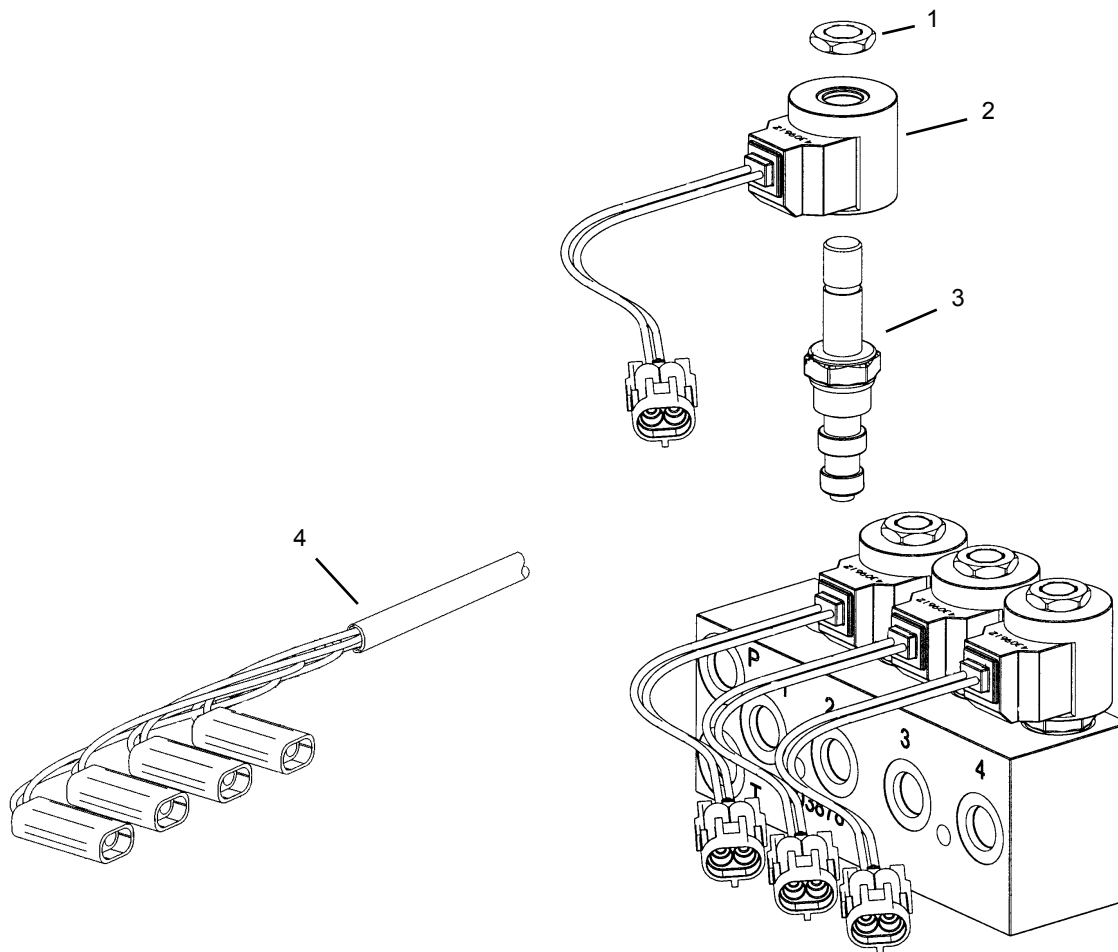


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70528	OUTRIGGER VALVE (complete) . . . 1 (includes all parts shown)			L98894	SEAL KIT, ACTUATOR	AR
01	L500128	INLET COVER HOUSING	1	06	L500132	LOAD CHECK PLUG	4
02	L500129	RELIEF CARTRIDGE	1	07 ^a	L500134	HRO ACTUATOR "B" PORT	2
	L96580	RELIEF SEAL KIT	1		L98894	SEAL KIT, ACTUATOR	AR
03	L500133	OUTLET COVER HOUSING	1	08	L500131	WORK SECTION (includes 5-7) . . . 2	
04	L500126	STUD ASSEMBLY KIT	1	09 ^a	L500127	SECTION SEAL KIT	1
05 ^a	L500135	HRO ACTUATOR "A" PORT	2	10	L500300	DUST BOOT	AR
				^a Items in seal kits are not shown			

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Hydraulic Components

Outrigger Manifold

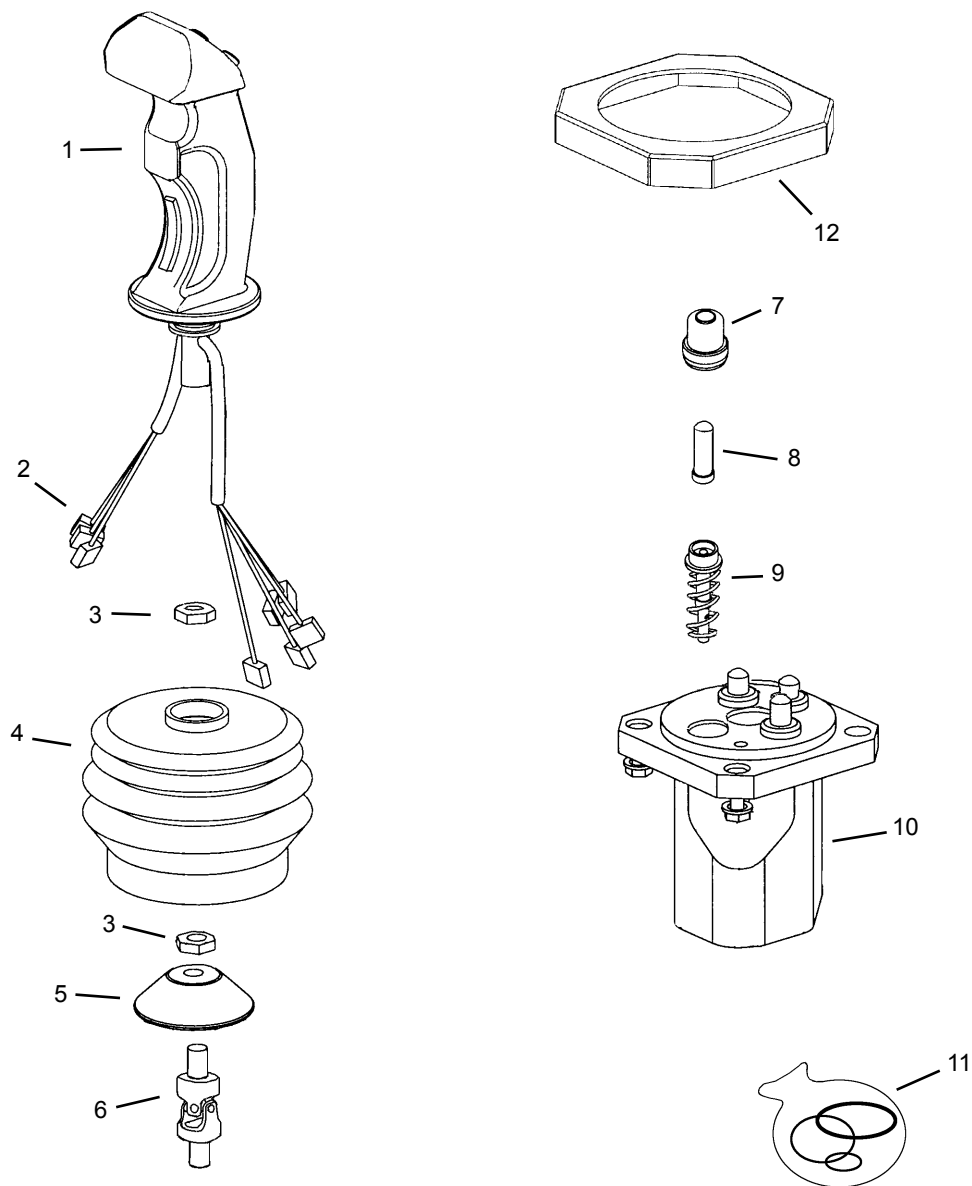


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	103878	OUTRIGGER MANIFOLD (compl.) . 1		02	104016	E-COIL 12VDC	4
		(includes items 1-3)		03	L99912	VALVE	4
01	NSS	NUT, SOLENOID VALVE. 4				(includes item 1)	
		(included with item 3)		04	L70651	OUTRIGGER WIRE HARNESS . . .	1

Hydraulic Components

Tri-Function (Four-Button) Controller

Mustang Telehandler



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Hydraulic Components

Tri-Function (Four-Button) Controller

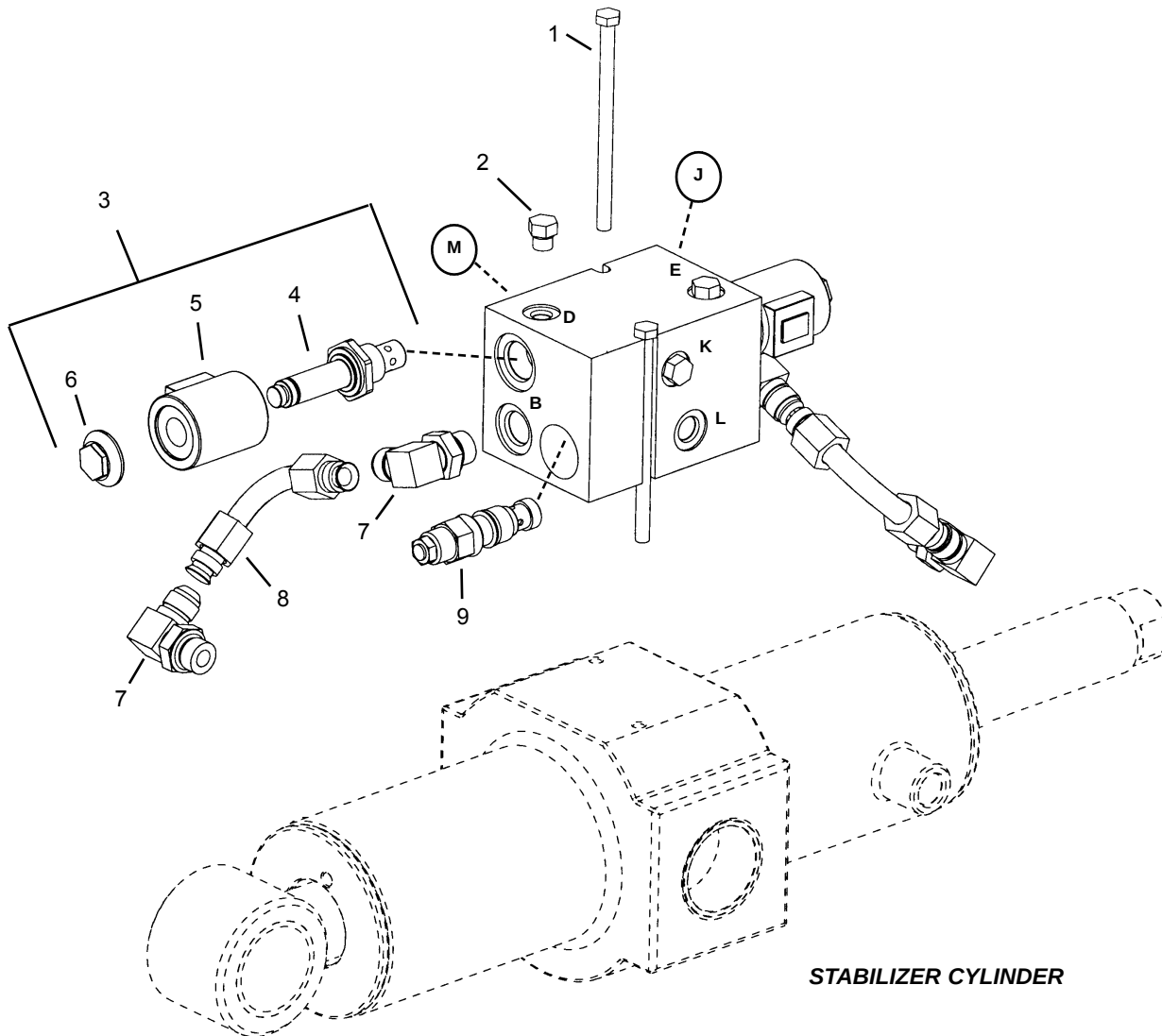
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104083	JOYSTICK 4-BUTTON/TRIGGER. . 1 <i>(includes all parts shown)</i>		06	L500652	UNIVERSAL JOINT. 1	
01	L500371	HANDLE W/4 BUTTONS 1		07	L500692	SPINDLE GUIDE ASSEMBLY. 4	
02	L62761	WIRE CONNECTOR. 8		08	L500690	HPV SPINDLE 10 mm. 4	
03	L500688	NUT M10 UNI 2		09	104223	PILOT SPRING PACK. 4 <i>(CO59 Springs)</i>	
04	L500656	RUBBER BOOT 1		10	NSS	BODY ASSEMBLY. 1	
05	L500689	SELECTOR DISC 1		11 ^a	L500653	SEAL REPAIR KIT 1	
				12	104304	BEZEL, JOYSTICK 1	

a Items included in the seal kit are not shown.

Hydraulic Components

Frame Stabilizer Manifold

Mustang Telehandler



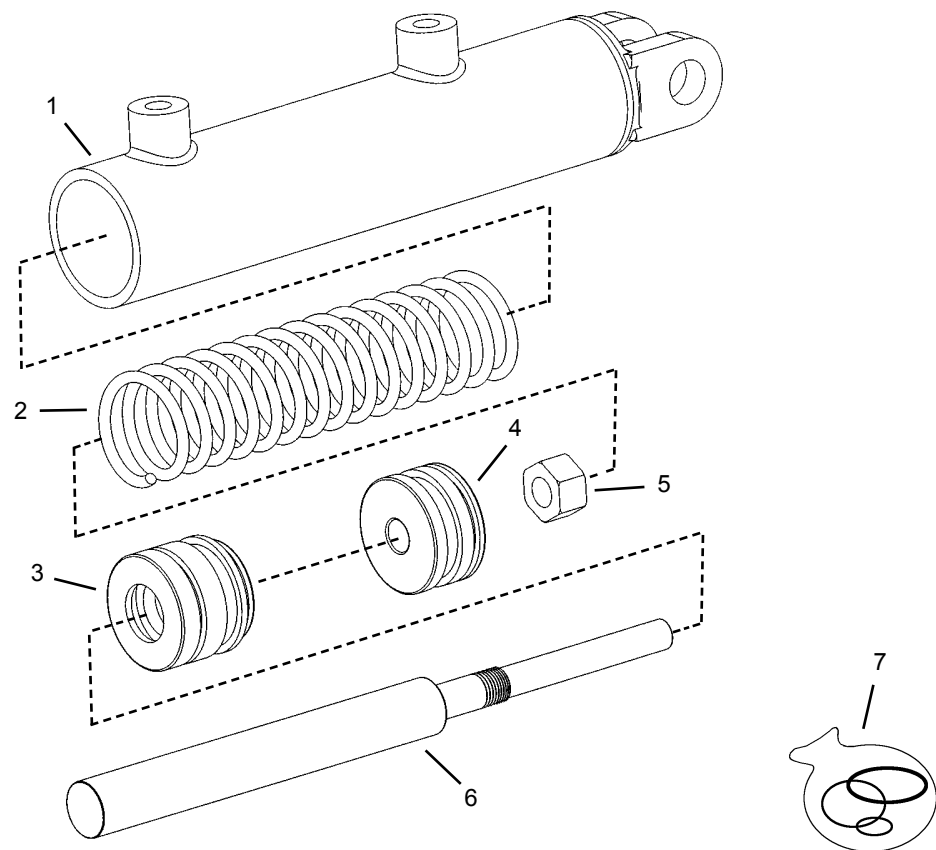
STABILIZER CYLINDER

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L71166	STABILIZER MANIFOLD (compl.) . . 1 (includes items 2-6 and 9)		05	L500252	COIL, WEATHERPAK 12VDC 2	
01	L50458	5/16"-18 x 3-3/4" BOLT 2			L99914	SEAL KIT, COIL (fits both PN's)	
02	230-32364	PLUG -4ORM 3		06	L500243	NUT (included with item 5) 2	
03	L69997	VALVE, 2-WAY (includes items #4-6) 2		07	054816	ADAP., -8ORM -8JICM 90° 4	
04	L99913	CARTRIDGE (only) 2		08	L69775	TUBE, STABILIZER CYLINDER . . . 2	
	L99916	SEAL KIT, CARTRIDGE 1		09	L70495	COUNTER BAL. VALVE 3700(psi) . 2	
					L97889	CBV SEAL KIT 1	

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Hydraulic Cylinders

Quickattach™ Bracket - Hydraulic Lock Cylinder



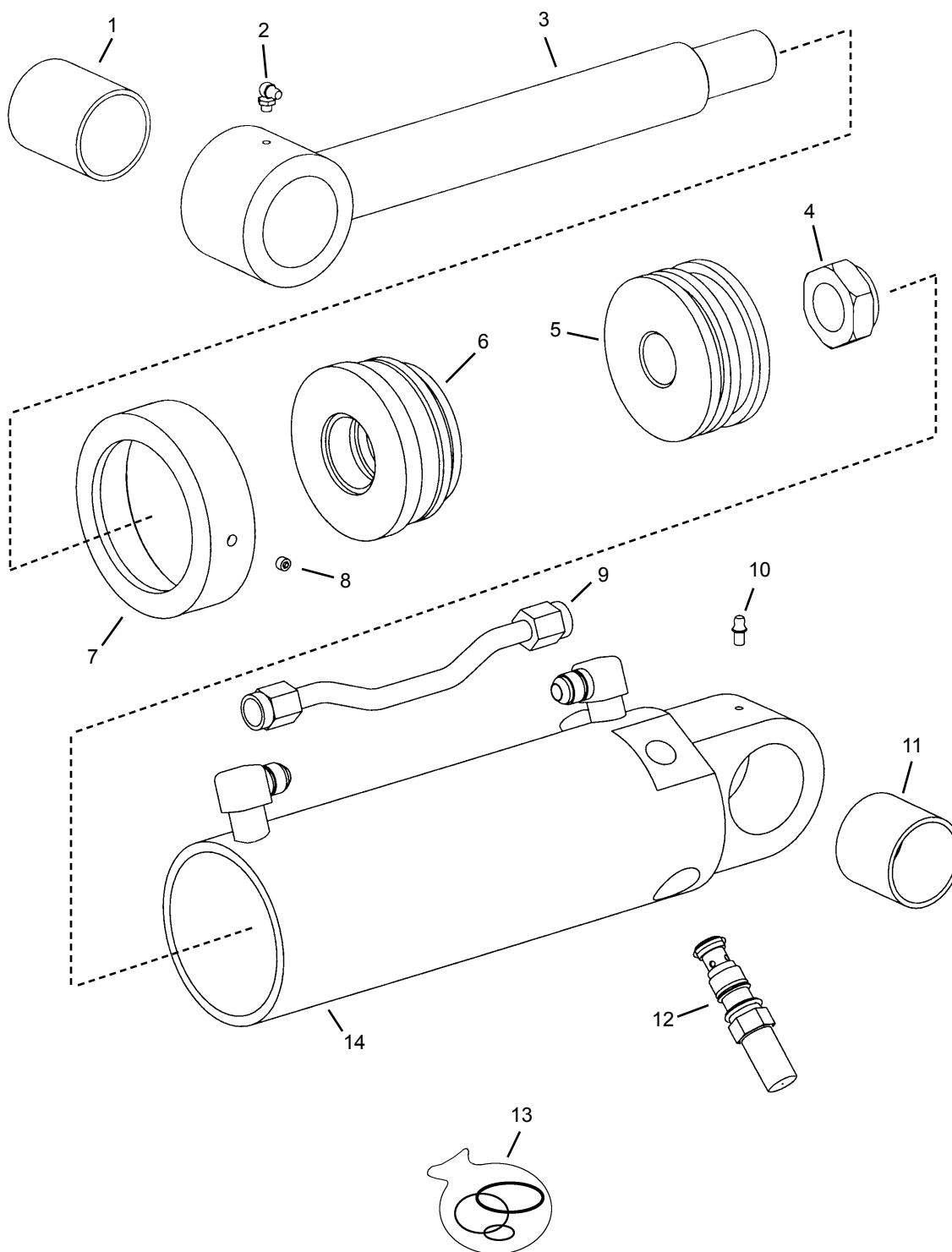
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L71425	HYDRAULIC LOCK CYLINDER . . . 2 (includes all parts shown)		04	L500721	PISTON	1
01	NSS	CYLINDER TUBE WELDMENT . . . 1		05	L500724	9/16"-18 UNF LOCKNUT.	1
02	L500725	DIE SPRING, MED 2" x 3.69" x 8" . 1		06	L500723	CYLINDER ROD	1
03	L500722	HEAD GLAND	1	07 ^a	L500726	SEAL KIT	1

a Items included in seal kit are not shown.

Hydraulic Cylinders

Frame Level Cylinder

Mustang Telehandler



744 / 944 / 1155

Hydraulic Cylinders

Frame Level Cylinder

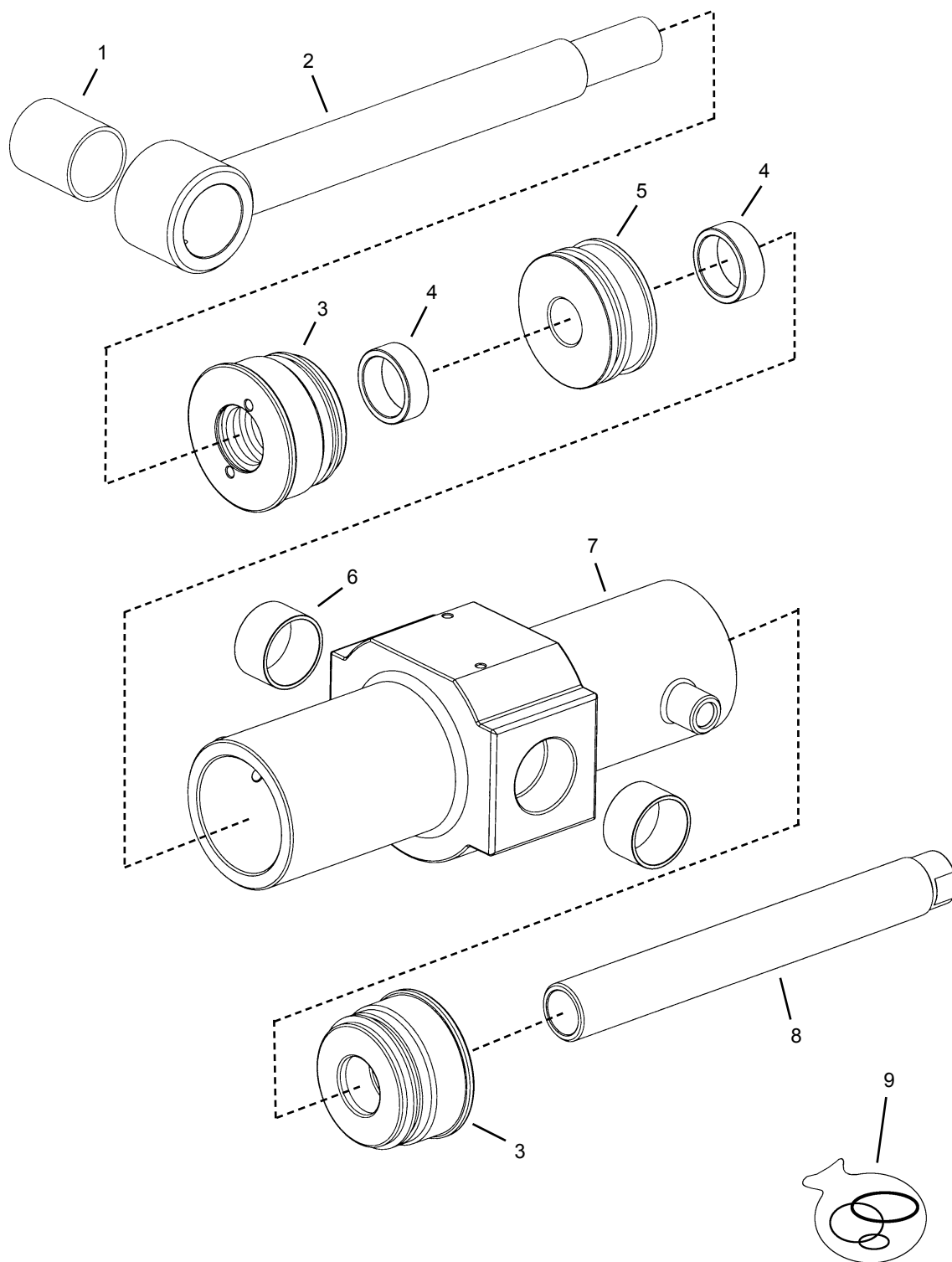
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L63015	FRAME LEVEL CYLINDER.	1	08	L99857	5/16"-18 x 1/4" SET SCREW	1
		<i>(includes all parts shown)</i>		09	L98509	OIL LINE TUBE ASSEMBLY	1
01	L63016	BUSHING 2.0X2.25X2.5"	1	10	L10465	1/4"-28 GREASE ZERK.	1
02	L10057	1/4"-28 GREASE ZERK STR	1	11	L64367	BUSHING 2.0" x 2.25" x 2.0".	1
03	L98503	ROD WELDMENT.	1	12	L70495	COUNTER BALANCE VALVE.	2
04	L99405	1-1/4"-12 UNF LOCKNUT	1		L97889	SEAL KIT (CBV)	1
05	L98550	PISTON	1	13 ^a	L98506	CYLINDER SEAL KIT	1
06	L98507	HEAD GLAND	1	14	NSS	CYLINDER TUBE WELDMENT	1
07	L98547	HEAD GLAND CAP.	1				

a Items included in the seal kit are not shown.

Hydraulic Cylinders

Frame Stabilizer Cylinder

Mustang Telehandler



744 / 944 / 1155**Hydraulic Cylinders**
Frame Stabilizer Cylinder

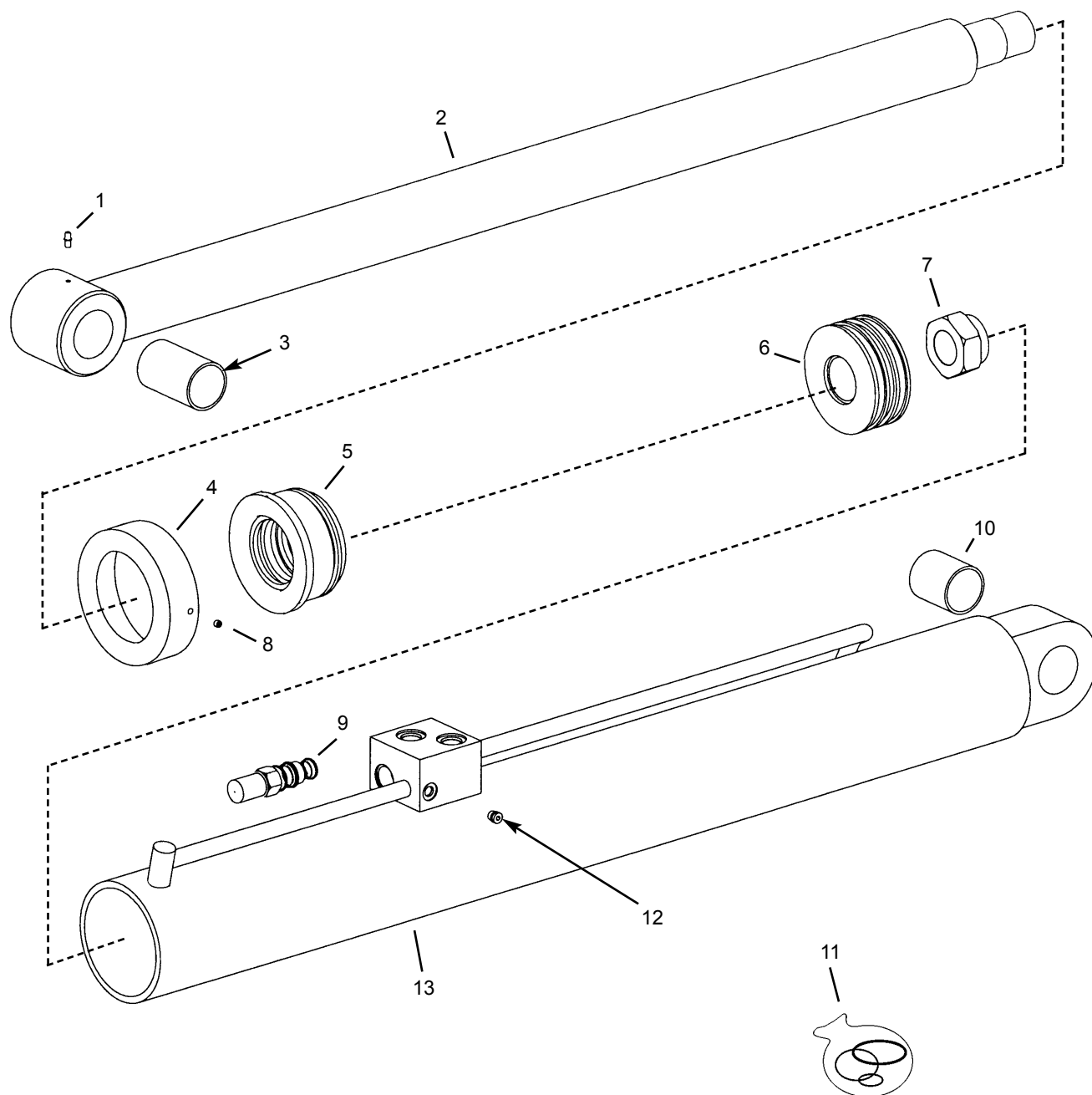
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70358	FRAME STABILIZER CYLINDER . . 1 <i>(includes all parts shown)</i>		05	L99938	PISTON	1
01	L69138	BUSHING	1	06	L69774	BUSHING	2
02	L99934	ROD WELDMENT	1	07	NSS	TUBE WELDMENT	1
03	L99937	HEAD GLAND	2	08	L99935	CYLINDER ROD	1
04	L99936	ROD SPACER	2	09 ^a	L99942	CYLINDER SEAL KIT	1

^a Items included in the seal kit are not shown.

Hydraulic Cylinders

Boom Lift Cylinder

Mustang Telehandler



744 / 944 / 1155

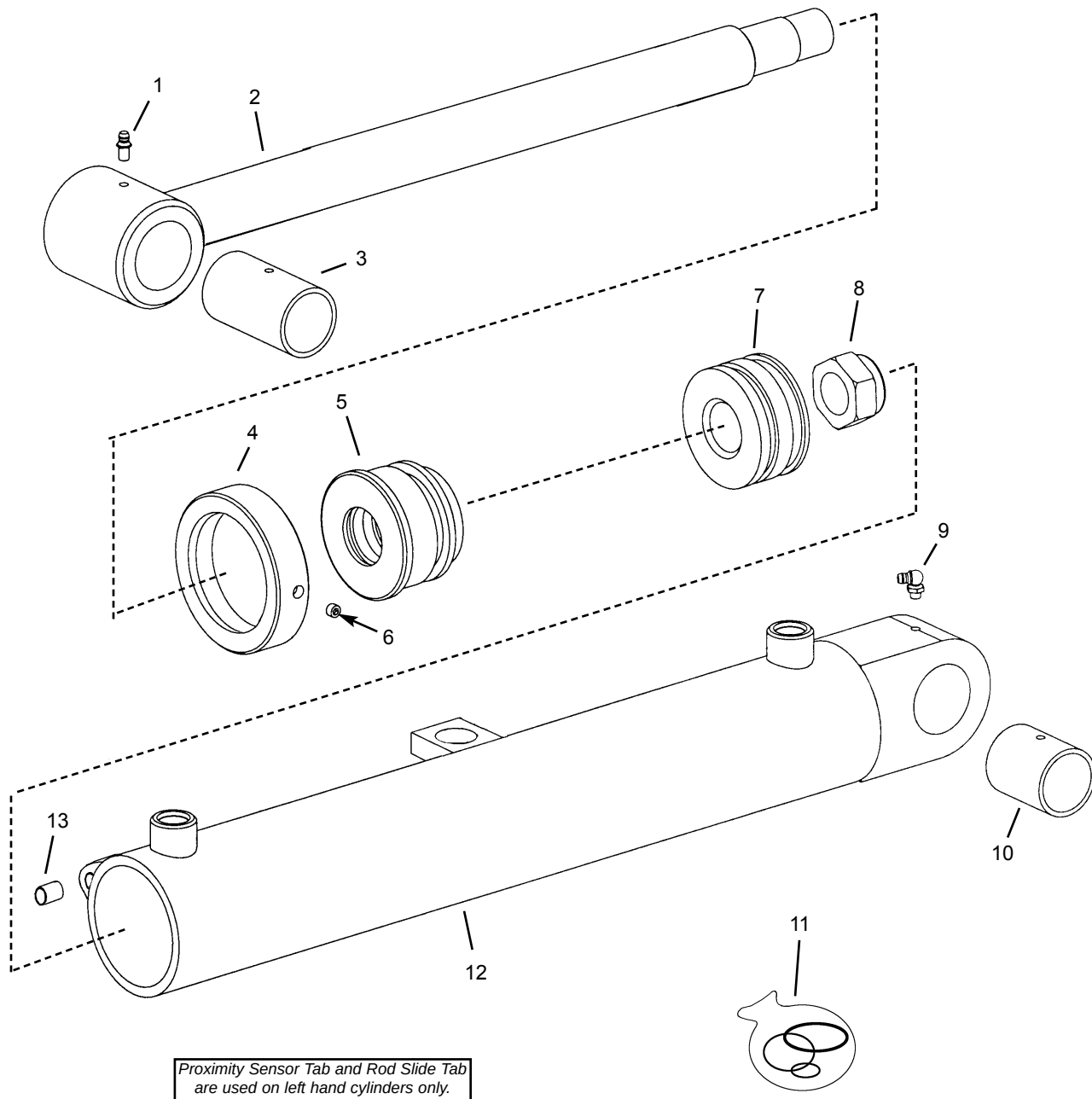
Hydraulic Cylinders Boom Lift Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		BOOM LIFT CYL. (complete)	1	07	L99122	1-3/4"-12 UNF LOCKNUT	1
	L69125	Note a		08	L99857	5/16"-18 x 1/4" SET SCREW.	1
	L69135	Note b		09	L70502	CBAL VALVE	1
01	L10465	1/4"-28 GREASE ZERK.	1		L96838	CB VALVE SEAL KIT.	1
02		ROD WELDMENT	1	10	L69138	BUSHING (BASE END).	1
	L99861	Note a		11 ^C		CYLINDER SEAL KIT	1
	L99853	Note b			L99859	Note a	
03	L69142	BUSHING (rod end).	1		L99849	Note b	
04		HEAD GLAND CAP.		12	L99917	PLUG -4	1
	L99863	Note a		13	NSS	CYLINDER TUBE WELDMENT . . .	1
	L99856	Note b					
05		HEAD GLAND	1	a	Used on model 744		
	L99862	Note a		b	Used on models 944 and 1155		
	L99854	Note b					
06		PISTON	1	*	Items included in the seal kit are not shown.		
	L99860	Note a					
	L99851	Note b					

Hydraulic Cylinders

Slave Cylinder

Mustang Telehandler



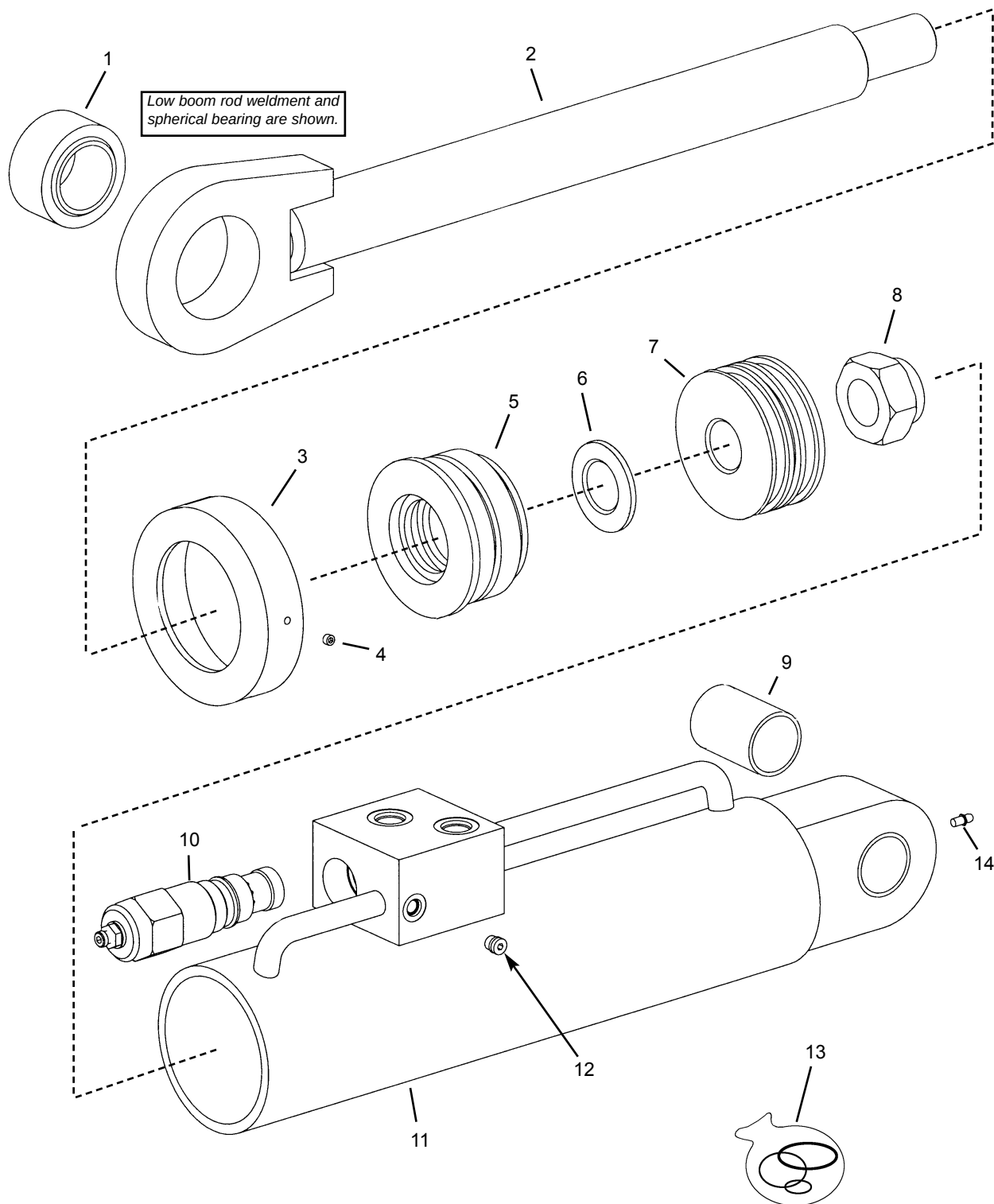
744 / 944 / 1155**Hydraulic Cylinders**
Slave Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		SLAVE CYLINDER (<i>right</i>) 1			L98528	<i>Note b</i>	
		(<i>includes all parts shown</i>)		06	L99857	5/16"-18 x 1/4" SET SCREW 1	
	L69149	<i>Note a</i>		07		PISTON 1	
	L69139	<i>Note b</i>			L99864	<i>Note a</i>	
		SLAVE CYLINDER (<i>left</i>) 1			L99870	<i>Note b</i>	
		(<i>includes all parts shown</i>)		08 ^a	137221	1-3/8"-12 UNF LOCKNUT 1	
	L70251	<i>Note a</i>		08 ^b	L99405	1-1/4"-12 UNF LOCKNUT 1	
	L70240	<i>Note b</i>		09	L10057	1/4"-28 GREASE ZERK 90° 1	
01	L10465	1/4"-28 GREASE ZERK STR 1		10	L63017	BUSHING (<i>base end</i>) 1	
02		ROD WELDMENT 1		11		CYLINDER SEAL KIT 1	
	L99865	<i>Note a</i>			L99868	<i>Note a & d</i>	
	L99871	<i>Note b</i>			L99869	<i>Note b & d</i>	
03	L63018	BUSHING (<i>rod end</i>) 1		12	NSS	CYLINDER TUBE WELDMENT . . . 1	
04		HEAD GLAND CAP 1		13 ^c	L48179	BUSHING (<i>rod slide tab</i>) 1	
	L98547	<i>Note a</i>					
	L99872	<i>Note b</i>					
05		HEAD GLAND 1					
	L99866	<i>Note a</i>					
				<i>a</i>		<i>Used on all high boom models.</i>	
				<i>b</i>		<i>Used on all low boom models.</i>	
				<i>c</i>		<i>Used on cylinders L70251 and L70240</i>	
				<i>d</i>		<i>Items included in the seal kit are not shown.</i>	

Hydraulic Cylinders

Tilt Cylinder

Mustang Telehandler



744 / 944 / 1155

Hydraulic Cylinders

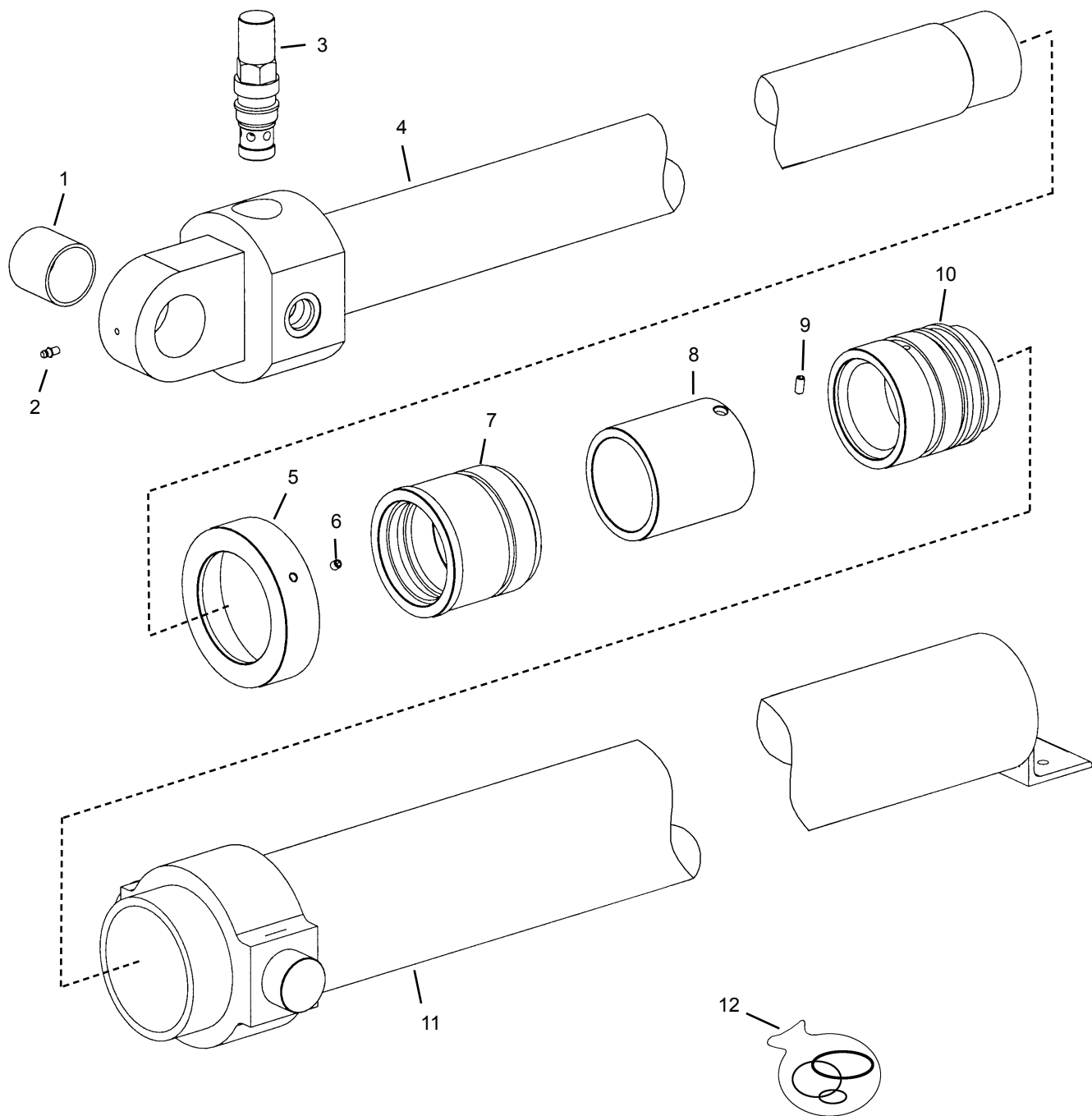
Tilt Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		TILT CYLINDER 1 (includes all parts shown)		06	L99852	THRUST WASHER 1	
	L69144	Note a		07	L99885	PISTON 1	
	L69751	Note b		08	L99122	1-3/4" UNF LOCKNUT 1	
01		BUSHING 1		09	L69127	BUSHING (base end) 1	
	L99889	Note a (bushing)		10	L70502	COUNTER BALANCE VALVE 1	
	L99891	Note b (spherical bearing)			L96838	CB VALVE SEAL KIT 1	
02		ROD WELDMENT 1		11	NSS	CYLINDER TUBE WELDMENT . . . 1	
	L99886	Note a (includes bushing L99889)		12	L99917	PLUG -4 1	
	L99890	Note b		13 ^c	L99883	CYLINDER SEAL KIT 1	
03	L99887	HEAD GLAND CAP 1		14	L10465	1/4"-28 GREASE ZERK STR 1	
04	137220	5/16"-18 x 5/16" SET SCREW . . . 1		a	Used on all high boom models.		
05	L99888	HEAD GLAND 1		b	Used on all low boom models.		
				c	Items included in the seal kit are not shown.		

Hydraulic Cylinders

Mustang Telehandler

Boom Extend Cylinder - Three-Section Boom



744 / 944 / 1155

Hydraulic Cylinders

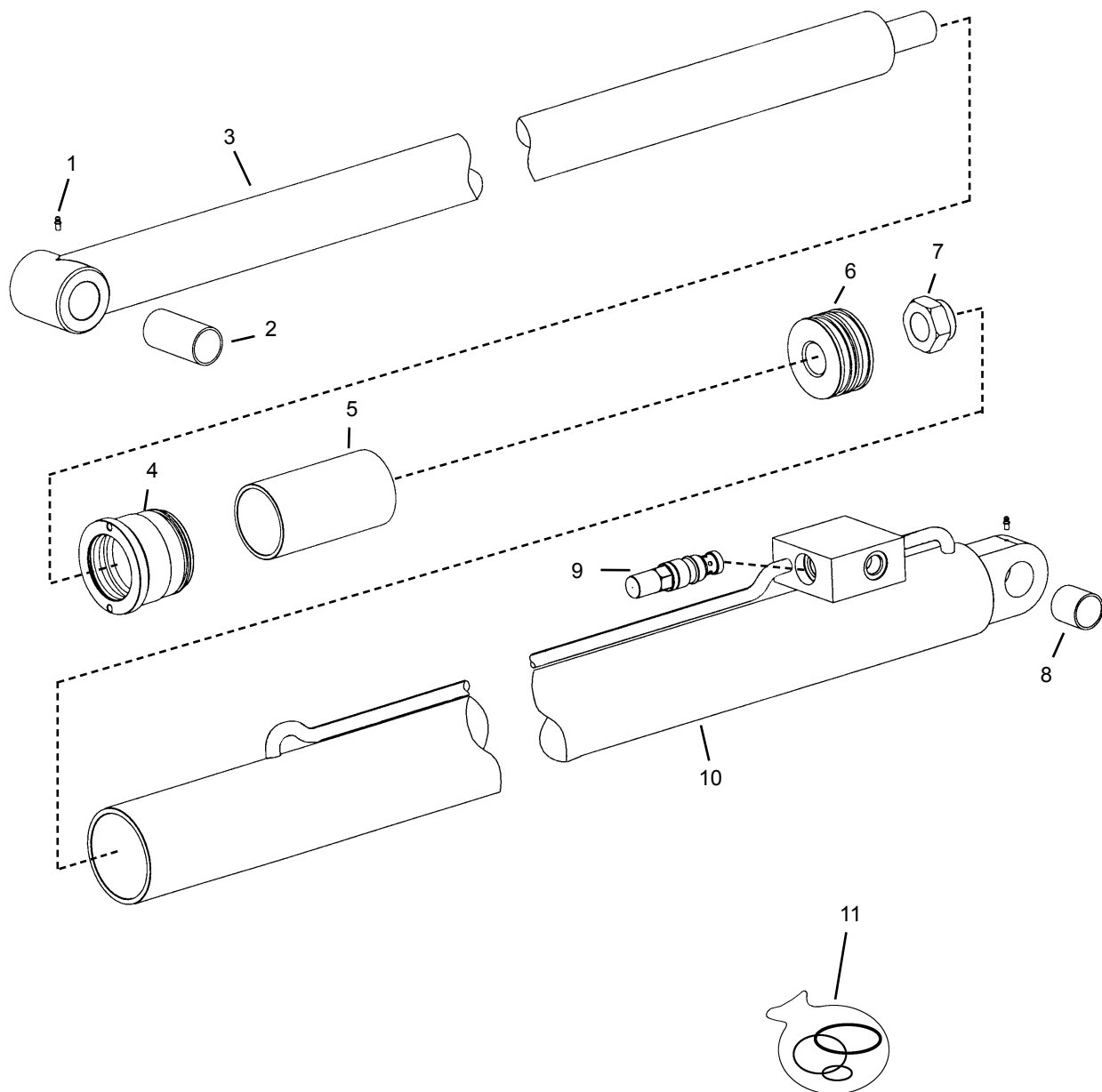
Boom Extend Cylinder - Three-Section Boom

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L69156	BOOM EXTEND CYLINDER. 1 <i>(includes all parts shown)</i> <i>44' High Boom</i>		06	137220	5/16"-18 x 5/16" SET SCREW. 1	
01	L64367	BUSHING (rod end). 1		07	L99053	HEAD GLAND 1	
02	L10465	1/4"-28 GREASE ZERK. 1		08	L99877	ROD SPACER 1	
03	L70274	COUNTER BALANCE VALVE. 1		09	L99875	5/16"-18 x 5/8" SET SCREW. 1	
	L99943	CBAL VALVE SEAL KIT 1		10	L99874	PISTON 1	
04	L99882	ROD WELDMENT 1 <i>(includes all parts shown)</i> <i>44' High Boom</i>		11	NSS	CYLINDER TUBE WELDMENT . . . 1	
				12 ^a	L99873	CYLINDER SEAL KIT 1	
05	L99056	HEAD GLAND CAP. 1		<i>a Items included in the seal kit are not shown.</i>			

Hydraulic Cylinders

Mustang Telehandler

Boom Extend Cylinder - Four-Section Boom



744 / 944 / 1155

Hydraulic Cylinders

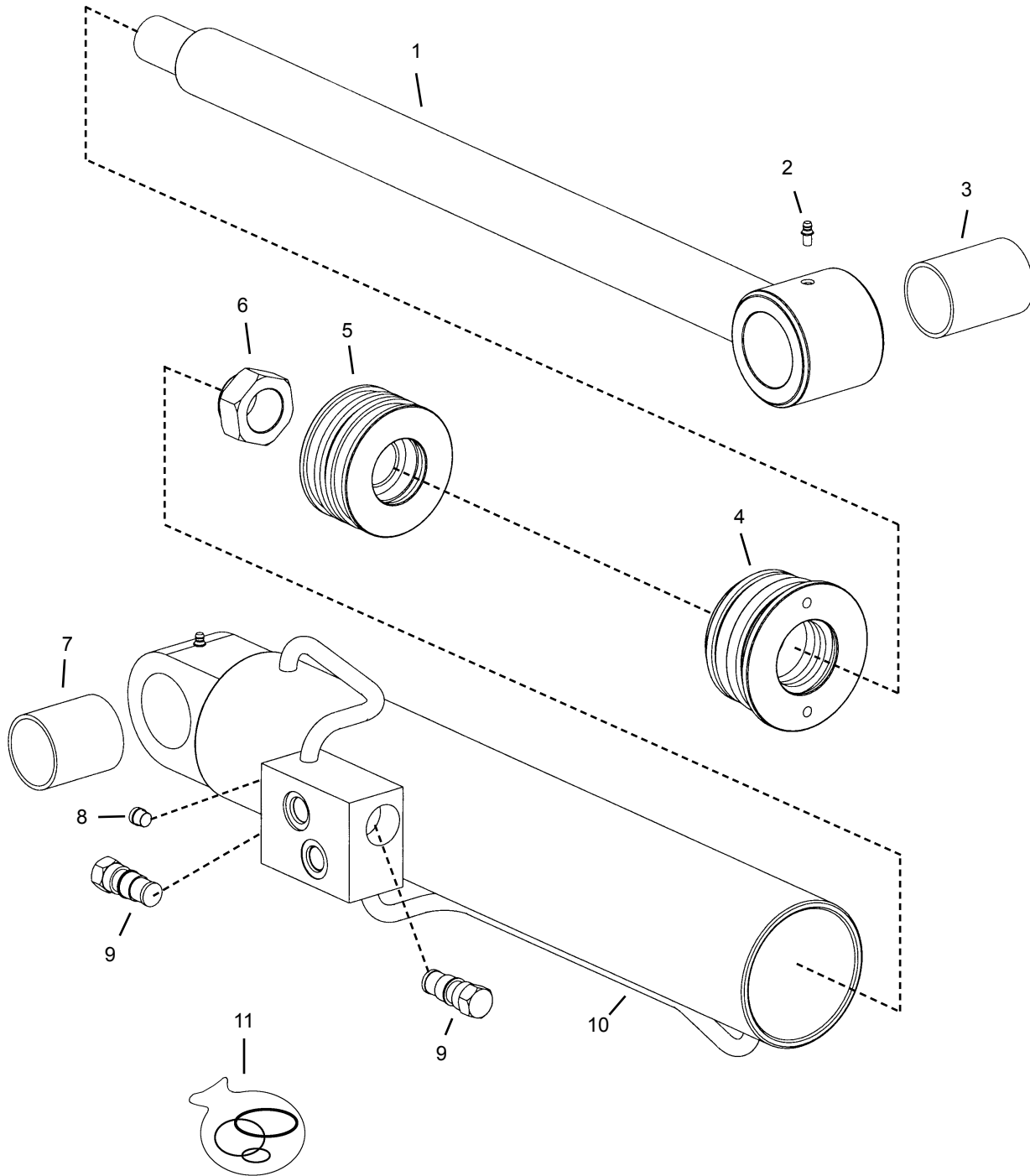
Boom Extend Cylinder - Four-Section Boom

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		BOOM EXTEND CYLINDER.	1	06	L500757	PISTON	1
	L71023	<i>Note a</i>		07	L99122	1-3/4"-12 UNF LOCKNUT	1
	L71024	<i>Note b</i>		08	L67120	BUSHING (<i>base end</i>)	1
01	L10465	1/4"-28 GREASE ZERK.	2	09	L70274	COUNTER BALANCE VALVE.	1
02	L67119	BUSHING (<i>rod end</i>).	1		L99943	CBAL VALVE SEAL KIT	1
03		ROD WELDMENT.	1	10	NSS	CYLINDER TUBE WELDMENT ...	1
	L500752	<i>Note a</i>		11 ^c	L500262	CYLINDER SEAL KIT	1
	L500753	<i>Note b</i>					
04	L500758	HEAD GLAND	1	<i>a</i>	<i>Four-Section High Boom</i>		
05		ROD SPACER.	1	<i>b</i>	<i>Four-Section Low Boom</i>		
	L500754	<i>Note a</i>		<i>c</i>	<i>Items included in the seal kit are not shown.</i>		
	L500755	<i>Note b</i>					

Hydraulic Cylinders

Outrigger Cylinder

Mustang Telehandler



744 / 944 / 1155

Hydraulic Cylinders

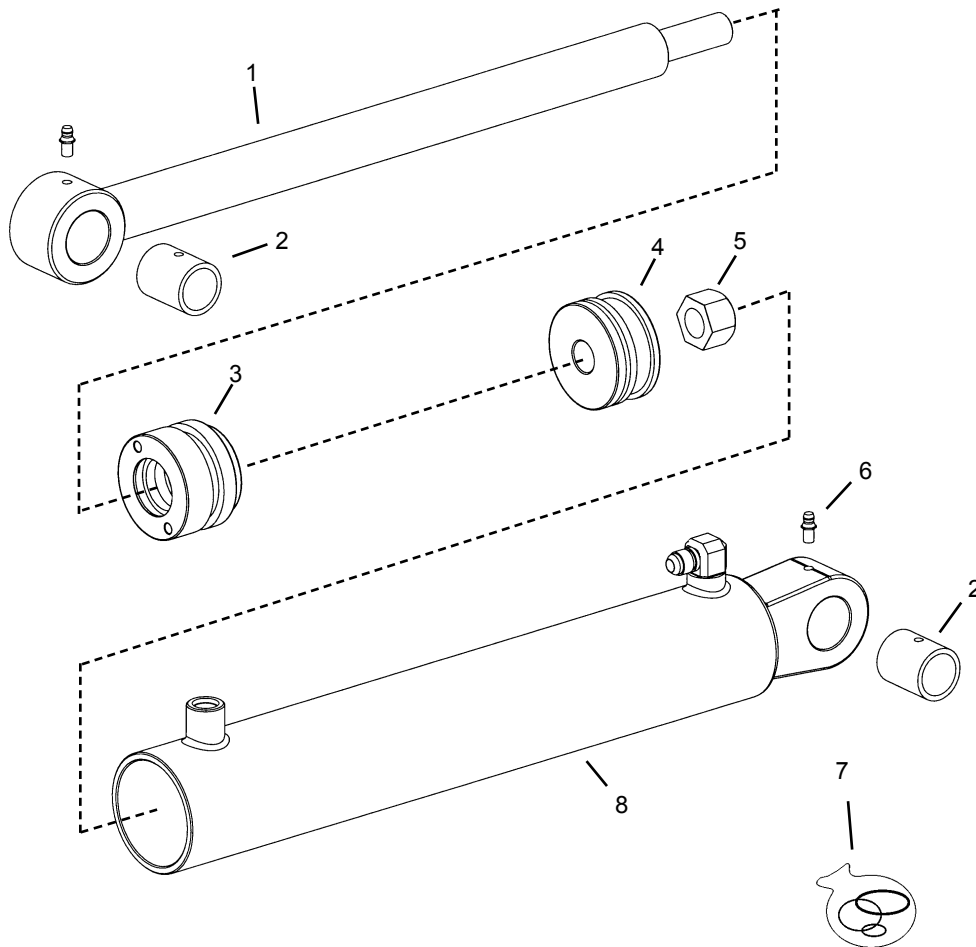
Outrigger Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70616	OUTRIGGER CYLINDER 2 <i>(includes all parts shown)</i>		07	L69138	BUSHING <i>(base end)</i> 1	
01	L99989	ROD WELDMENT 1		08	L99917	PLUG, -40RM 1	
02	L10465	1/4"-28 GREASE ZERK 2		09	L99987	PO CHECK VALVE 2	
03	L70618	BUSHING <i>(rod end)</i> 1		10	NSS	CYLINDER TUBE WELDMENT . . . 1	
04	L99991	HEAD GLAND 1		11 ^a	L99988	CYLINDER SEAL KIT 1	
05	L99992	PISTON 1		<i>a Items included in the seal kit are not shown.</i>			
06	137221	1-3/8"-12 UNF LOCKNUT 1					

Hydraulic Cylinders

Swing-Carriage Cylinder

Mustang Telehandler



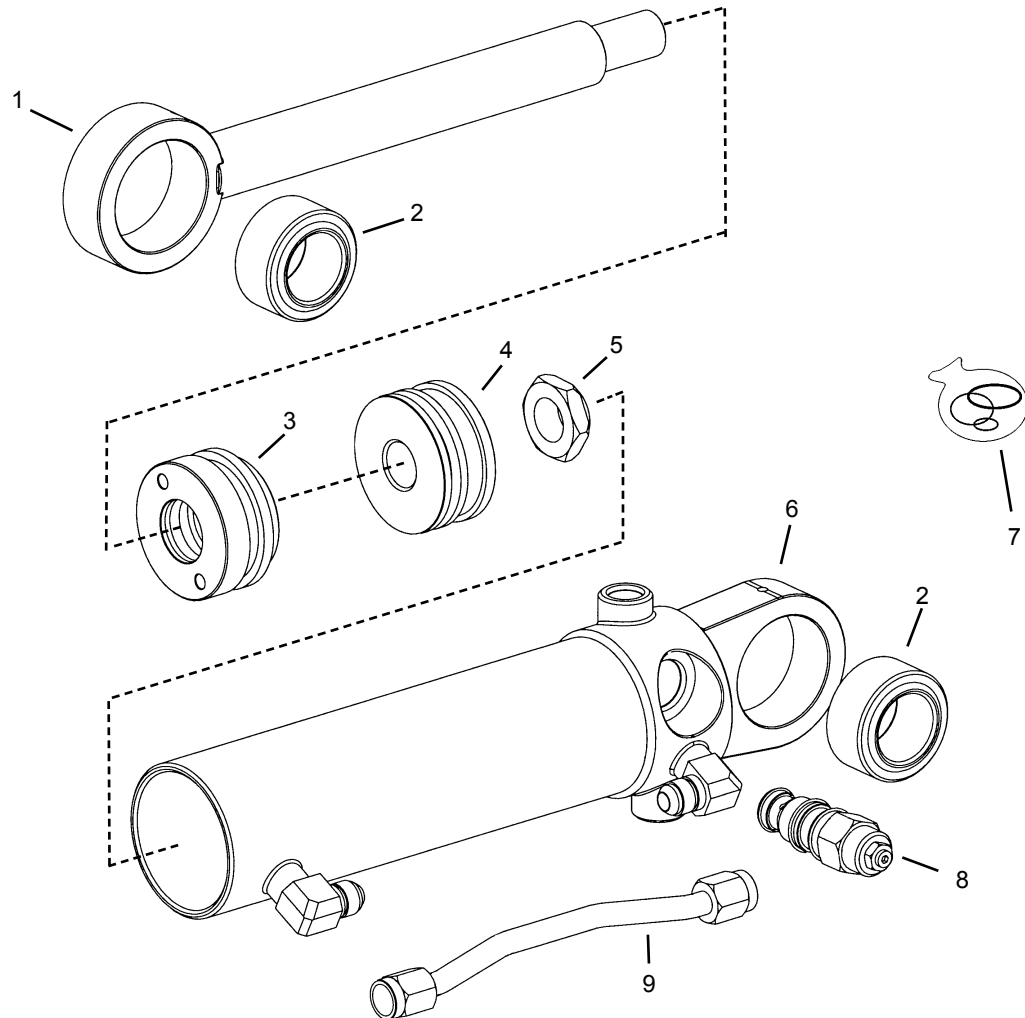
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L63970	SWING-CARRIAGE CYLINDER . . .	2	05	L500367	3/4"-16 LOCKNUT	1
		<i>(includes all parts shown)</i>		06	L10465	1/4"-28 GREASE ZERK.	2
01	L500364	ROD WELDMENT	1	07 ^a	L99944	SEAL KIT	1
02	L63593	BUSHING	2	08	NSS	TUBE WELDMENT	1
03	L500365	HEAD GLAND	1				
04	L98662	PISTON	1				

^a Items included in the seal kit are not shown.

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Hydraulic Cylinders

Rotate-Carriage Cylinder

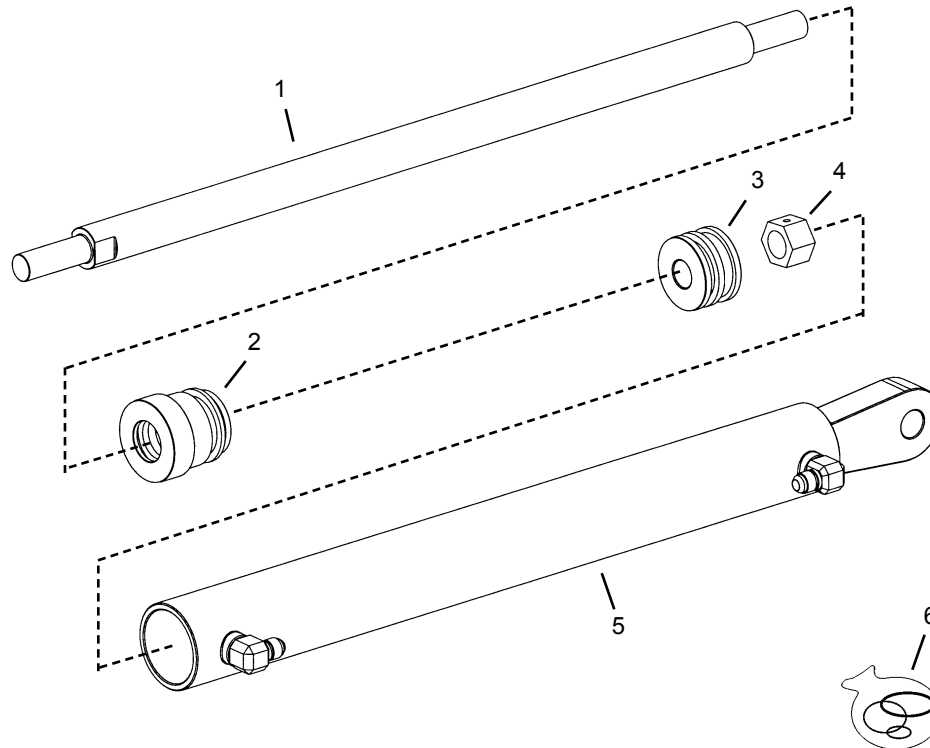


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70655	ROTATE-CARRIAGE CYLINDER . . . 1 (includes all parts shown)		06	NSS	TUBE WELDMENT	1
01	L500242	ROD WELDMENT	1	07 ^a	L97769	SEAL KIT	1
02	L64122	SPHERICAL BEARING	2	08	L48868A	CB VALVE (3000 psi)	2
03	L99074	HEAD GLAND	1		L96838	CB VALVE SEAL KIT	1
04	L97839	PISTON	1	09	L500241	HYDRAULIC LINE ASSEMBLY	1
05	080313	1"-14 UNS THIN COL. LOCKNUT . . . 1		a	Items included in the seal kit are not shown.		

Hydraulic Cylinders

Fork-Shift Carriage Cylinder

Mustang Telehandler



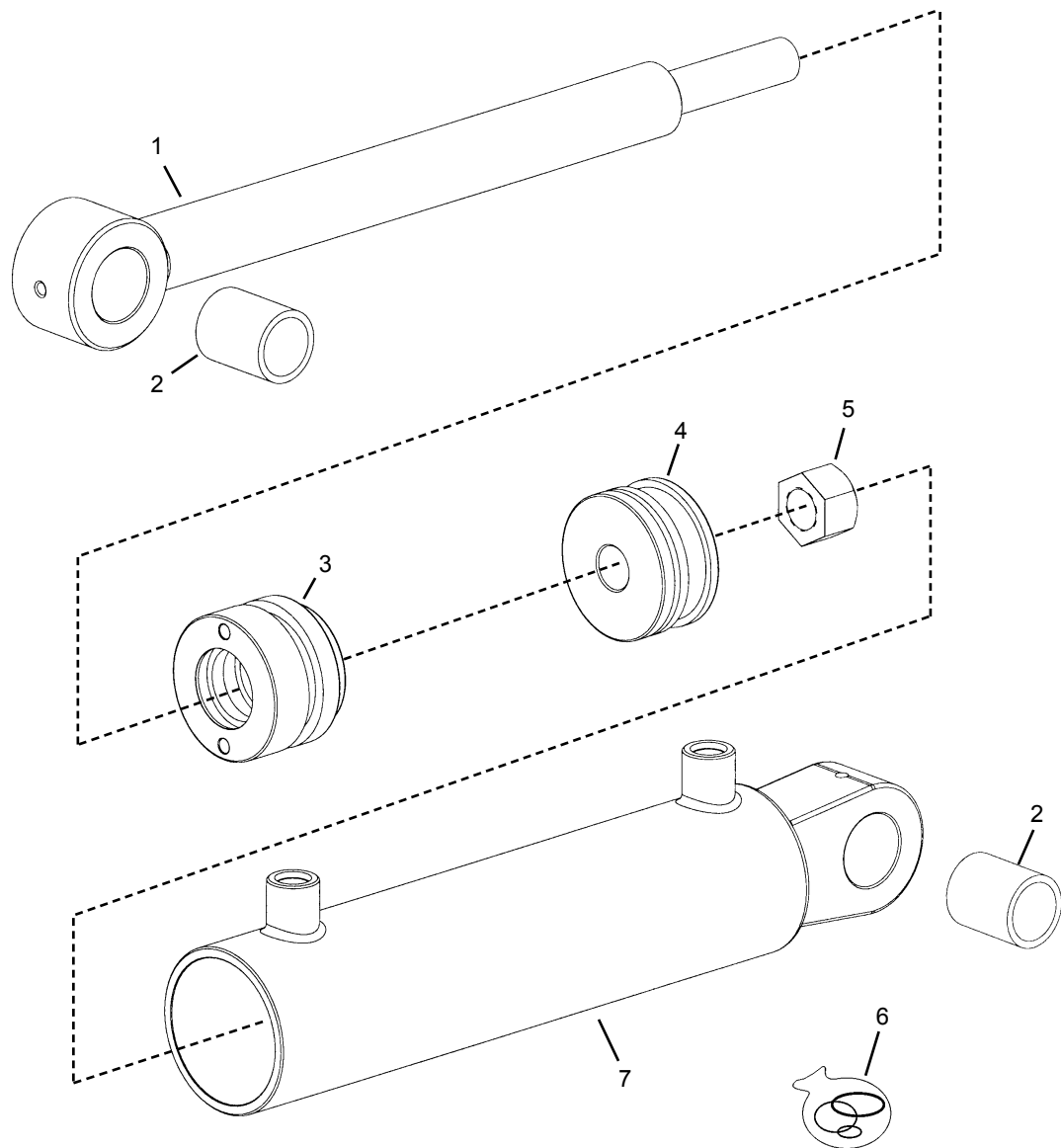
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L68337	FORK-SHIFT CYLINDER	1	04	L500367	3/4"-16 UNF LOCKNUT.	1
		<i>(includes all parts shown)</i>		05	NSS	TUBE WELDMENT	1
01	L500763	ROD WELDMENT	1	06 ^a	L500370	SEAL KIT	1
02	L500762	HEAD GLAND	1				
03	L500761	PISTON	1				

^a Items included in the seal kit are not shown.

744 / 944 / 1155

Hydraulic Cylinders

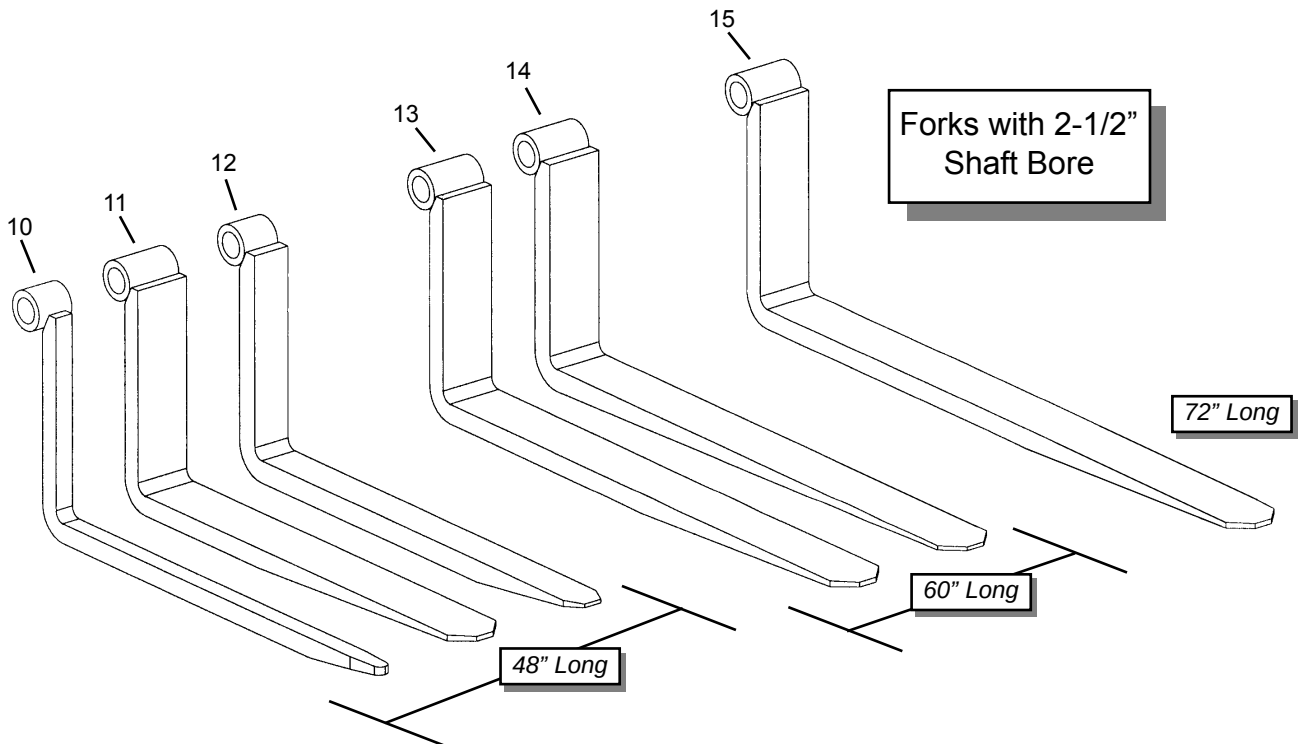
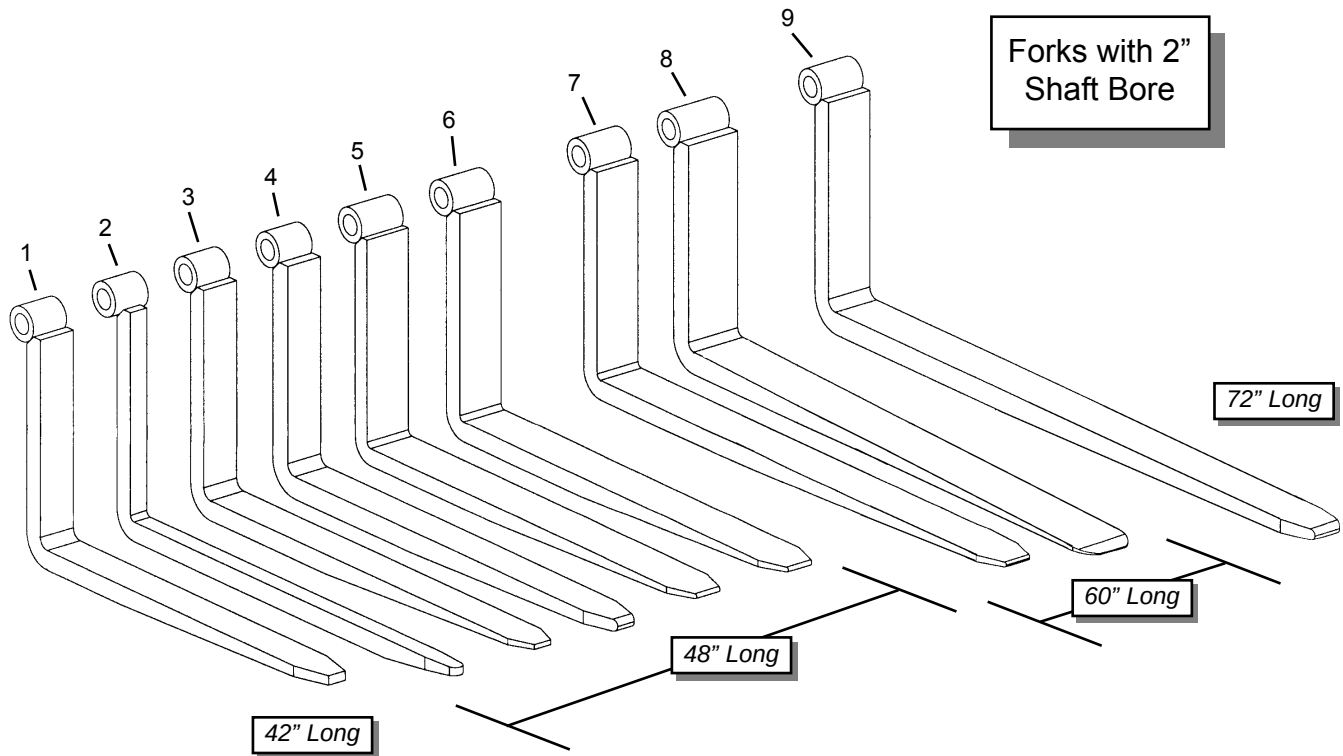
Grapple Cylinder



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L67248	GRAPPLE CYLINDER	1	04	121552	PISTON	1
		<i>(includes all parts shown)</i>		05	080319	3/4"-16 UNF LOCKNUT	1
01	L98923	ROD WELDMENT	1	06	L98922	SEAL KIT <i>(not all items shown)</i> . . .	1
02	L63593	BUSHING 1" x 1.25" x 1.5"	2	07	NSS	CYLINDER TUBE WELDMENT . . .	1
03	L98919	HEAD GLAND	1				

Attachments Carriage Forks

Mustang Telehandler



744 / 944 / 1155**Attachments
Carriage Forks**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
-- 2" FORK SHAFT DIAMETER --				-- 2-1/2" FORK SHAFT DIAMETER --			
		(42" long)				(48" long)	
01	L71350	FORK, 42"x4"x2" (8,400 lbs.)	2	10 ^{bd}	210016	FORK, 48"x2"x2" (12,600 lbs.)	2
		(48" long)		11 ^d	L71159	FORK, 48"x6"x2" (12,600 lbs.)	2
02 ^{ac}	L61001	FORK, 48"x2"x2" (4,200 lbs.)	4	12 ^d	210275	FORK, 48"x4"x2-1/4" (12,000 lbs.)	2
03 ^c	L61017	FORK, 48"x4"x2" (8,400 lbs.)	2			(60" long)	
04	L66406	FORK, 48"x4"x2-1/4" (12,000 lbs.)	2	13 ^d	L71160	FORK, 60"x6"x2" (12,600 lbs.)	2
05 ^c	L400929	FORK, 48"x5"x1-3/4" (8,500 lbs.)	2	14 ^d	210270	FORK, 60"x6"x2-1/4" (12,000 lbs.)	2
06	L47263	FORK, 48"x5"x2" (10,500 lbs.)	2			(72" long)	
		(60" long)		15 ^d	L71161	FORK, 72"x6"x2" (12,600 lbs.)	2
07	L47265	FORK, 60"x5"x2" (10,500 lbs.)	2				
08	L60961	FORK, 60"x6"x2-1/4" (12,000 lbs.)	2				
		(72" long)					
09	L68331	FORK, 72"x5"x2" (10,500 lbs.)	2				

NOTE: Ratings are based on 2 forks with a load center of 24"; except for item #2 where 4 forks are required; and item #10 where 6 forks are required.

**WARNING**

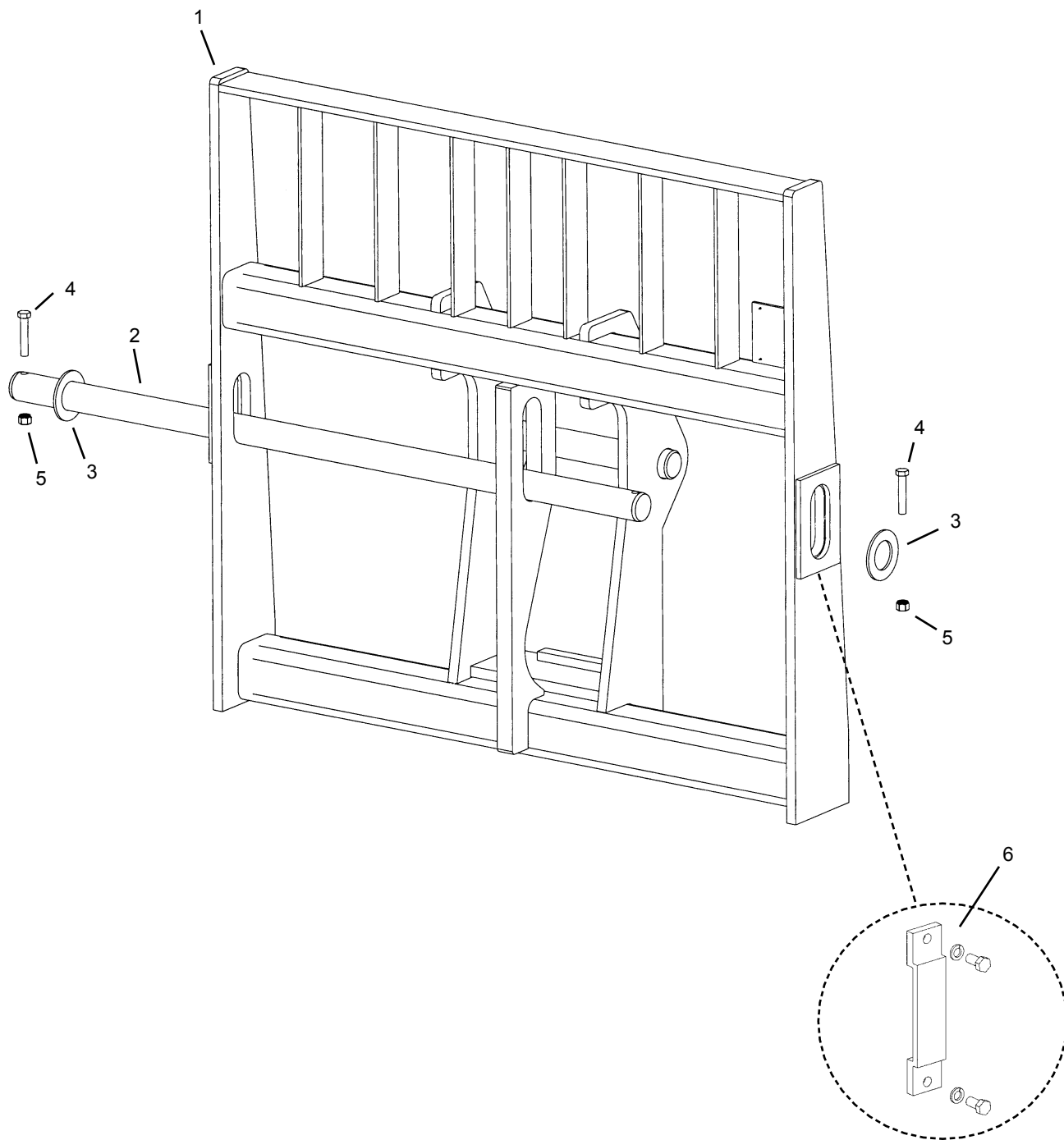
When ordering forks, select forks with a rating capacity that meets or exceeds the lifting capacity of the machine; failure to use the correct forks could result in injury or death. For more information contact dealer (or manufacturer).

- a* Requires 2 sets (4 forks).
- b* Requires 3 sets (6 forks).
- c* Used ONLY on 744 and 944.
- d* Used ONLY on 1155

Attachments

Mustang Telehandler

Quickattach™ Standard Carriage



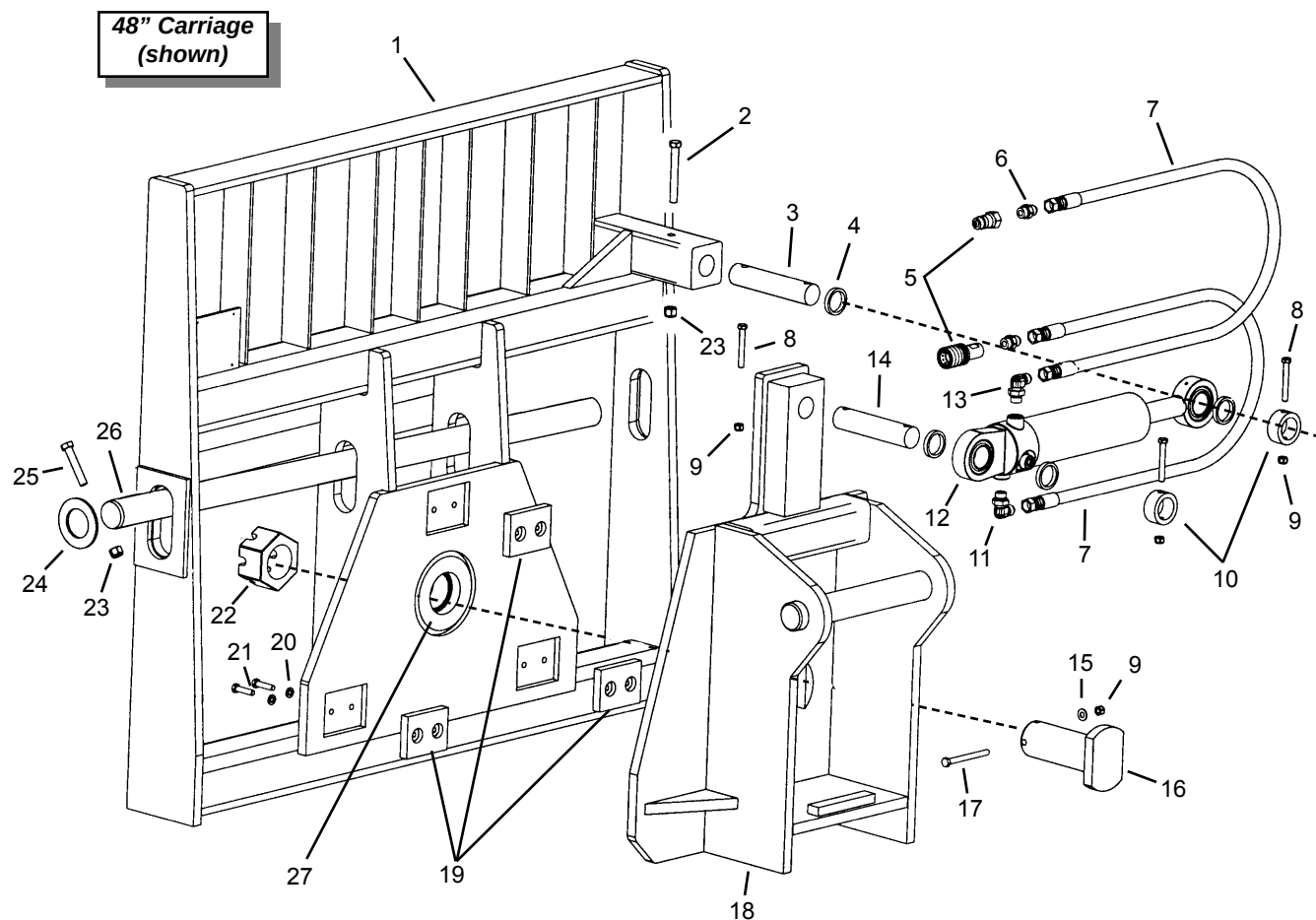
744 / 944 / 1155**Attachments****Quickattach™ Standard Carriage**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE WELDMENT	1	03		FORK SHAFT WASHER	2
	L99190	48" (uses 2" pin)	1		L400425	Note a	
	430171	48" (uses 2-1/2" pin) - (Note e) . . .	1		100369	Note b	
	L99191	66" (uses 2" pin)	1	04		BOLT	2
	430173	66" (uses 2-1/2" pin) - (Note e) . . .	1		L510003	1/2" x 2-3/4" - (Note a)	2
	210407	72" (uses 2" pin)	1		650650	1/2"-13" x 3-1/2" - (Note b)	2
	104870	72" (uses 2-1/2" pin)	1	05	L520019	1/2"-13 NYLON INSERT NUT	2
02		FORK SHAFT BAR	1	06 ^f	L500764	FORKSHAFT RETAINER	1
	L65223	(2" x 51-1/2")	1		654030	1/2" LOCK WASHER	2
	L64561	(2" x 69-1/2")	1		650494	1/2"-13 x 1" BOLT	2
	L68493	(2" x 75-1/2")	1	a	Used with 2" diameter fork shaft bar		
	101625	(2-1/2" x 51-1/2") - (Note c)	1	b	Used with 2-1/2" diameter fork shaft bar		
	101624	(2-1/2" x 69-1/2") - (Note c)	1	c	When equipped with item #6.		
	101240	(2-1/2" x 48-1/2") - (Note d)	1	d	When not equipped with item #6.		
	101241	(2-1/2" x 66-1/2") - (Note d)	1	e	If the carriage uses item 6 to retain the fork shaft bar, order the following items when replacing the carriage: item 2, note c; item 3; item 4 and item 5.		
	104844	(2-1/2" x 74-3/4")	1	f	Not used on all carriages.		

Attachments

Mustang Telehandler

Quickattach™ Rotating Carriage



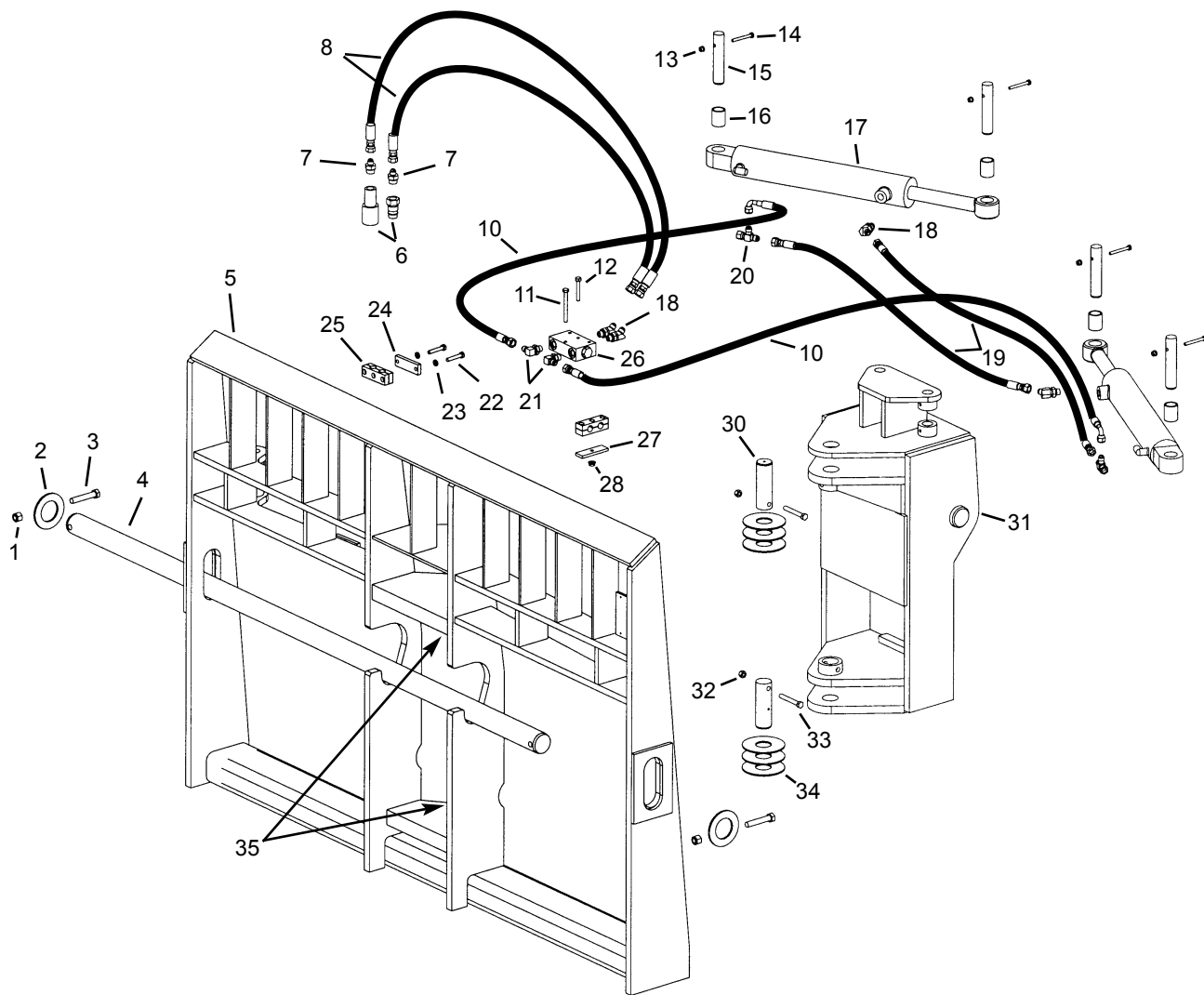
744 / 944 / 1155**Attachments****Quickattach™ Rotating Carriage**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE, ROTATING	1	18	101999	ROTATOR PLATE WELDMENT . . .	1
	103517	(48" Carriage) 2" dia. fork shaft		19	L61709	SLIDE PAD	3
	103518	(66" Carriage) 2" dia. fork shaft		20	654026	3/8" LOCK WASHER.	6
	103519	(48" Carriage) 2-1/2" dia. fork shaft		21	650533	3/8" x 1-1/2" BOLT.	6
	103520	(66" Carriage) 2-1/2" dia. fork shaft		22	L50718	2-1/2"-12 CASTELL NUT.	1
02	L50982	1/2" x 4" BOLT	1	23	L520019	1/2"-13 NYLON INSERT NUT	4
03	L65181	PIN, ROTATOR ROD END	1	24		FORK SHAFT WASHER.	2
04	L61307	SPACER	4		L400425	2" ID	
05	L65273	QUICK COUPLER SET.	1		100369	2-1/2" ID	
06	054626	ADAP., -8ORM -8JICM STR	2	25		BOLT	2
07	L64294	HOSE, -8 A8/A8 53"	2		L510003	1/2" x 2-3/4" BOLT (2" dia. shaft)	
08	650493	3/8" x 2-3/4" BOLT.	3		650650	1/2" x 2-3/4" BOLT (2-1/2" dia. shaft)	
09	L520005	3/8"-16 NYLON INSERT NUT . . . AR		26		FORK SHAFT BAR.	1
10	L62026	LOCK COLLAR 1.5" OD	2		L65223	(48" Carriage) 2" dia. fork shaft	
11	L66017	ADAP., -8ORM -8JICM 90° w/ORF..	2		L64561	(66" Carriage) 2" dia. fork shaft	
12	L70655	ROTATE CYLINDER	1		101625	(48" Carriage) 2-1/2" dia. fork shaft	
13	L66017	ADAP., -8ORM -8JICM 90° w/ORF..	2		101624	(66" Carriage) 2-1/2" dia. fork shaft	
14	L65180	PIN, ROTATOR BASE END	1	27	100900	BEARING, 2.5" (not shown)	1
15	654006	3/8" FLAT WASHER.	AR		L61287	WASHER (not shown)	AR
16	101003	ROTATOR PIN.	1				
17	650742	3/8" x 4" BOLT	1				

Attachments

Quickattach™ Swing Carriage

Mustang Telehandler



744 / 944 / 1155

Attachments

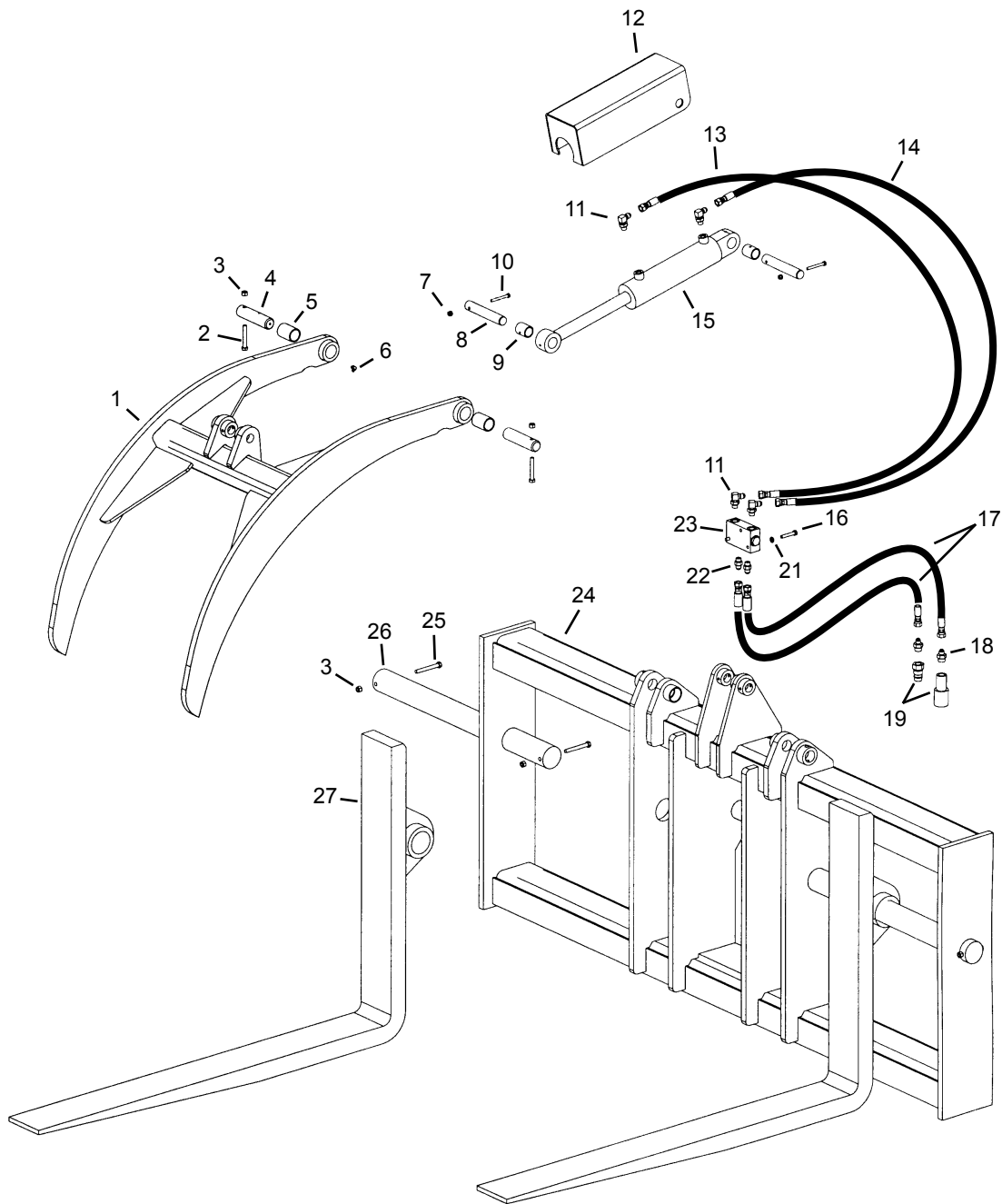
Quickattach™ Swing Carriage

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L520019	1/2"-13 NYLON INSERT NUT	2	19	L63983	HOSE, -4 A6/A6 36"	2
02	L400425	FORK SHAFT WASHER	2	20	072806	ADAP., -6JICFS -6JICM TEE	2
03	L510003	1/2"X2-3/4" BOLT	2	21	068938	ADAP., -6ORM -6JICM 90°	2
04	L64561	FORK SHAFT BAR (66" carriage)	1	22	650692	5/16"-18 x 1-3/4" BOLT	2
05	L500216	66" CARRIAGE, SWING	1	23	654024	5/16" LOCK WASHER	2
06	L65273	COUPLER SET	1	24	L63715	TWIN CUSH. TOP PLATE	1
07	L63143	ADAP., -8ORM -6JICM STR w/orf.	2	25	L63716	TWIN HOSE CUSHION	2
08	L66958	HOSE, -6 A6/A6 89"	2	26	L71651	VALVE, DUAL PO	1
10	L63984	HOSE, -4 DS6/A6 22"	2	27	L63233	HOSE CUSH. TOP PLATE	1
11	650833	5/16" x 3" BOLT	1	28	L50056	5/16" FLARE NUT	2
12	650568	5/16" x 2" BOLT	1	30	L63994	PIN, CARRIAGE PIVOT	2
13	L520003	1/4" NYLON INSERT NUT	4	31	L70719	SWING PIVOT WELDMENT	1
14	650839	1/4" x 2-1/4" BOLT	4	32	L520005	3/8"-16 NYLON INSERT NUT	2
15	L63995	PIN, SWING CYLINDER	4	33	650493	3/8"-16 x 2-3/4" BOLT	2
16	L63593	BUSHING	4	34	L63951	THRUST WASHER	6
17	L63970	SWING CYLINDER	2	35	L63468	BUSHING, CARRIAGE PIVOT	2
18	079026	ADAP., -6ORM -6JICM 45	4			(not shown)	

Attachments

Mustang Telehandler

Quickattach™ Log/Pipe Carriage



744 / 944 / 1155

Attachments

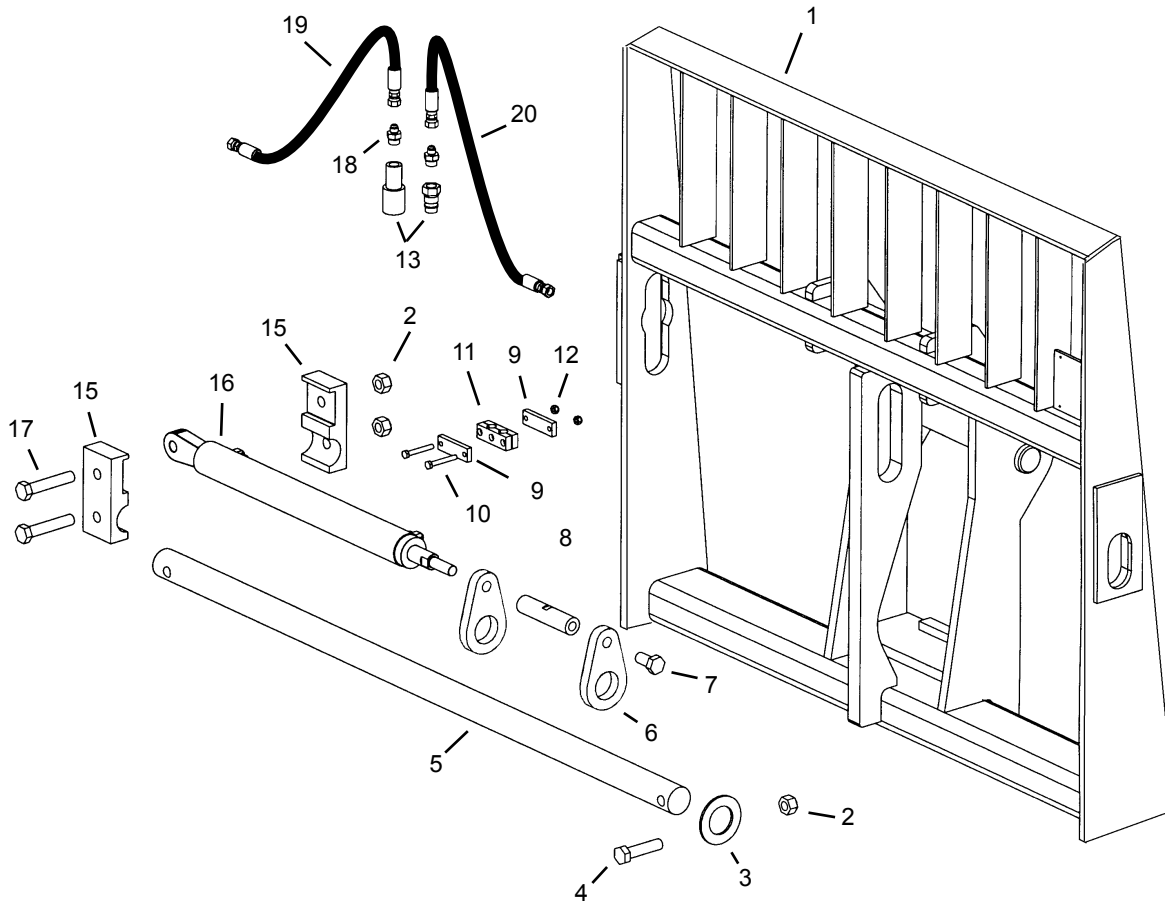
Quickattach™ Log/Pipe Carriage

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L67347	LOG GRAPPLE WELDMENT	1	15	L67248	LOG GRAPPLE CYLINDER	1
02	650492	3/8"X2-1/2" BOLT	2	16	650692	5/16"-18X1-3/4" BOLT	2
03	L520005	3/8"-16 NYLON INSERT NUT	6	17	L66831	HOSE, -6 A6/A6 52"	2
04	L67246	LOG GRAPPLE PIVOT PIN	2	18	L63143	ADAP., -8ORM -6JICM (w/orifice)	2
05	L61866	BUSHING	2	19	L65273	COUPLER SET	1
06	L10057	1/4"-28 GREASE ZERK 90°	2	21	654024	5/16" LOCKWASHER	2
07	L520003	1/4" NYLON INSERT NUT	2	22	054994	ADAP., -6ORM -6JICM	2
08	L66811	GRAPPLE CYLINDER PIN	2	23	L71651	VALVE, DOUBLE PORT CHECK	1
09	L63593	BUSHING	2	24	L500220	LOG CARRIAGE WELDMENT	1
10	650839	1/4" x 2-1/4" BOLT	2	25	650818	3/8"-16 x 3" BOLT	4
11	068938	ADAP., -6ORM -6JICM 90°	4	26	L66809	LOG FORK SHAFT	2
12	L67495	CYLINDER COVER	1	27		LOG FORK WELDMENT	2
13	L67598	HOSE, -4 A6/A6 32"	1		L66805	2" x 5" x 48"	
14	L67599	HOSE, -4 A6/A6 20"	1		100547	2" x 5" x 60"	

Attachments

Mustang Telehandler

Quickattach™ Fork-Shift Carriage

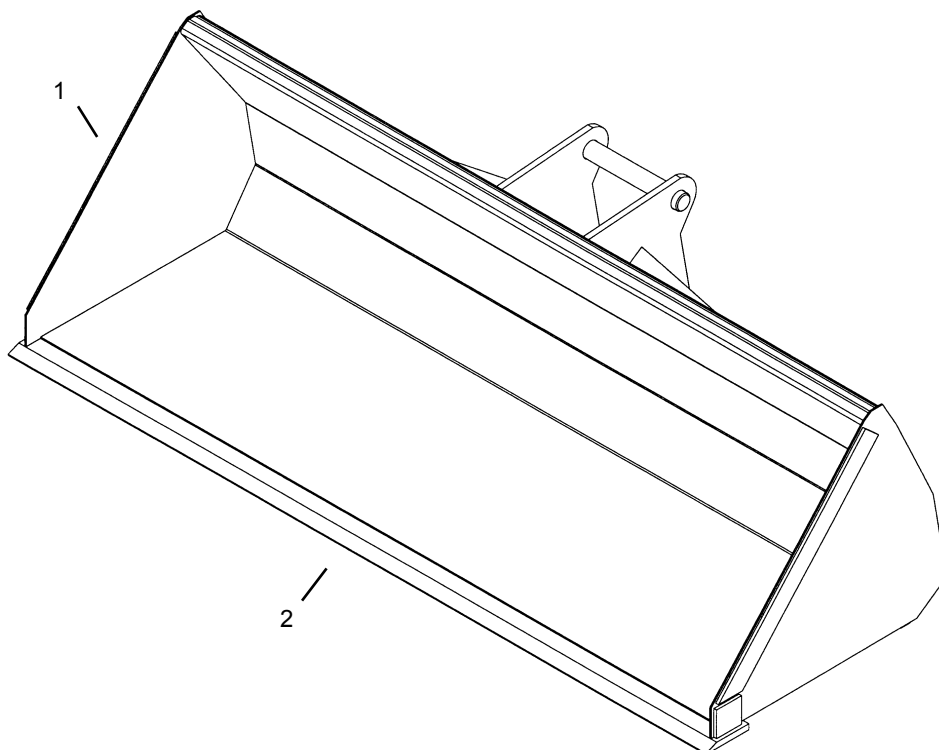


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500213	FORK SHIFT CARRIAGE	1	10	L50242	5/16"-18 x 2-1/4" BOLT	2
02	L50519	3/4"-10 NYLON INSERT NUT	3	11	L63716	TWIN HOSE CUSHION	1
03	L400425	FORK SHAFT WASHER	1	12	L520004	5/16"-18 NYLON INSERT NUT	2
04	L50333	3/4"-10 x 3" BOLT	1	13	L65273	COUPLER SET	1
05	L66919	FORK SHAFT, 50"	1	15	L66918	CYLINDER MOUNT	2
06	L66931	FORK SLIDE PLATE	2	16	L68337	FORK SHIFT CYLINDER	1
07	650500	3/4"-10 x 1-1/2" BOLT	1	17	L50562	3/4"-10 x 4" BOLT	2
08		FORK SLIDE COUPLER	1	18	L63143	ADAP., -8ORM -6JICM (w/0.06 orf.)	2
	L66921	For 4" wide forks		19	L66950	HOSE, -6 A6/A6 59"	1
	L66948	For 5" wide forks		20	L66949	HOSE, -6 A6/A6 56"	1
09	L63715	TWIN CUSHION TOP PLATE	2				

744 / 944 / 1155

Attachments

Quickattach™ Bucket

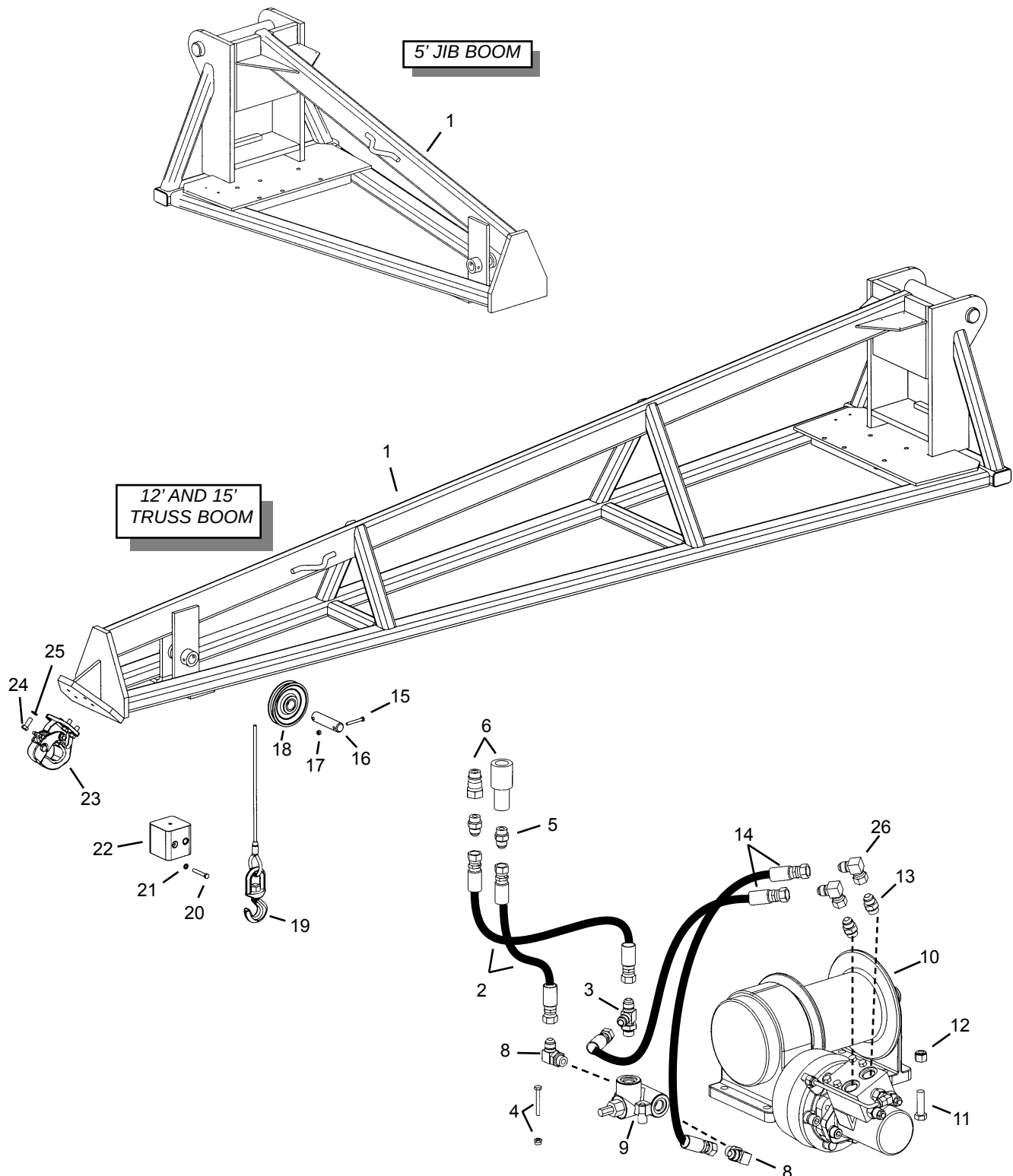


Ref. No.	Part No.	Description	Qty. Req.
01	L500374	1.3-CU.-YD. BUCKET WELDMNT . 1	
02	L68831	CUTTING EDGE, 98" x 6" x 3/4" . . . 1 (weld-on)	

Attachments

Mustang Telehandler

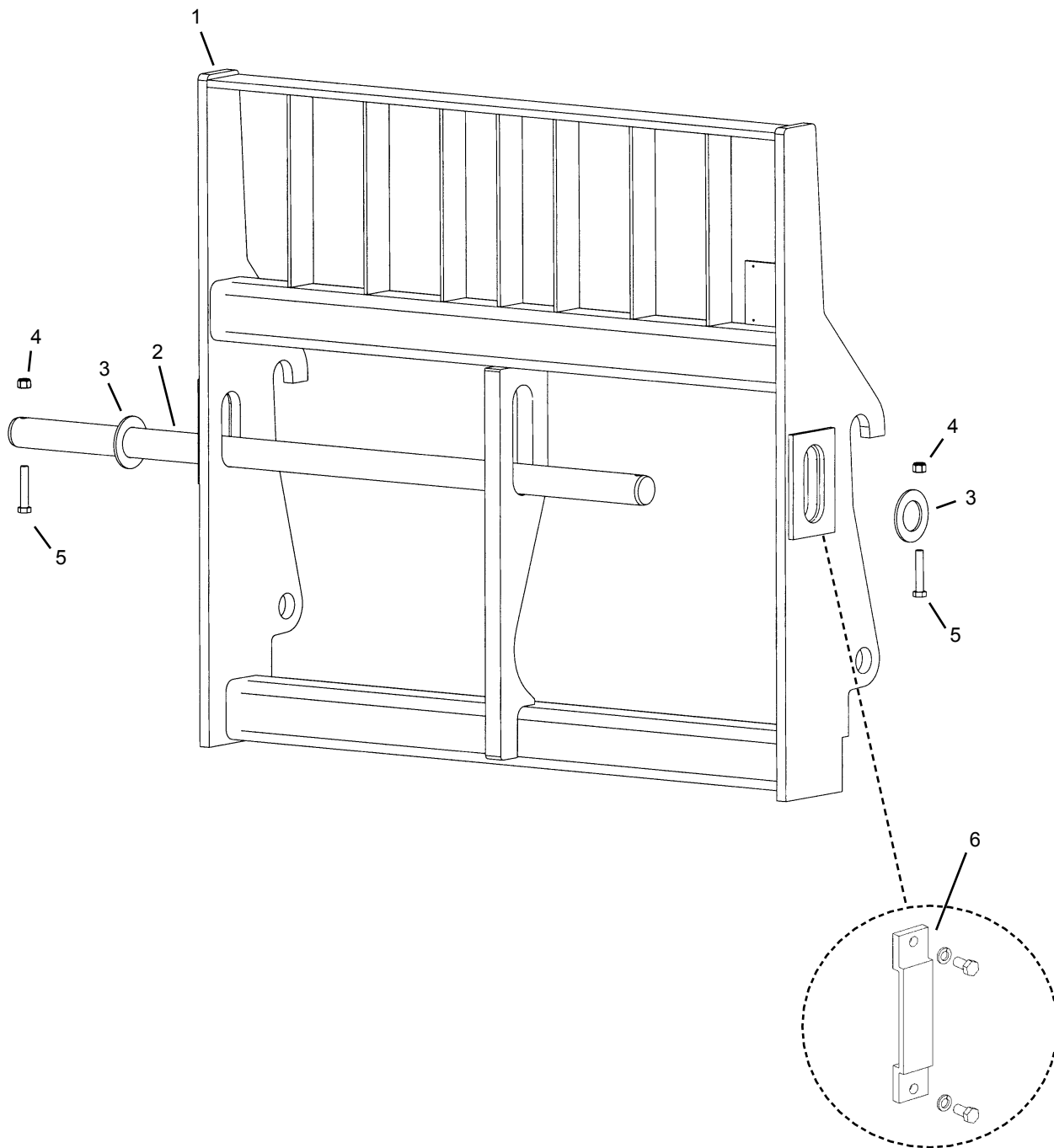
Quickattach™ Truss Boom and Winch



Attachments

Mustang Telehandler

Quickattach™ II Standard Carriage



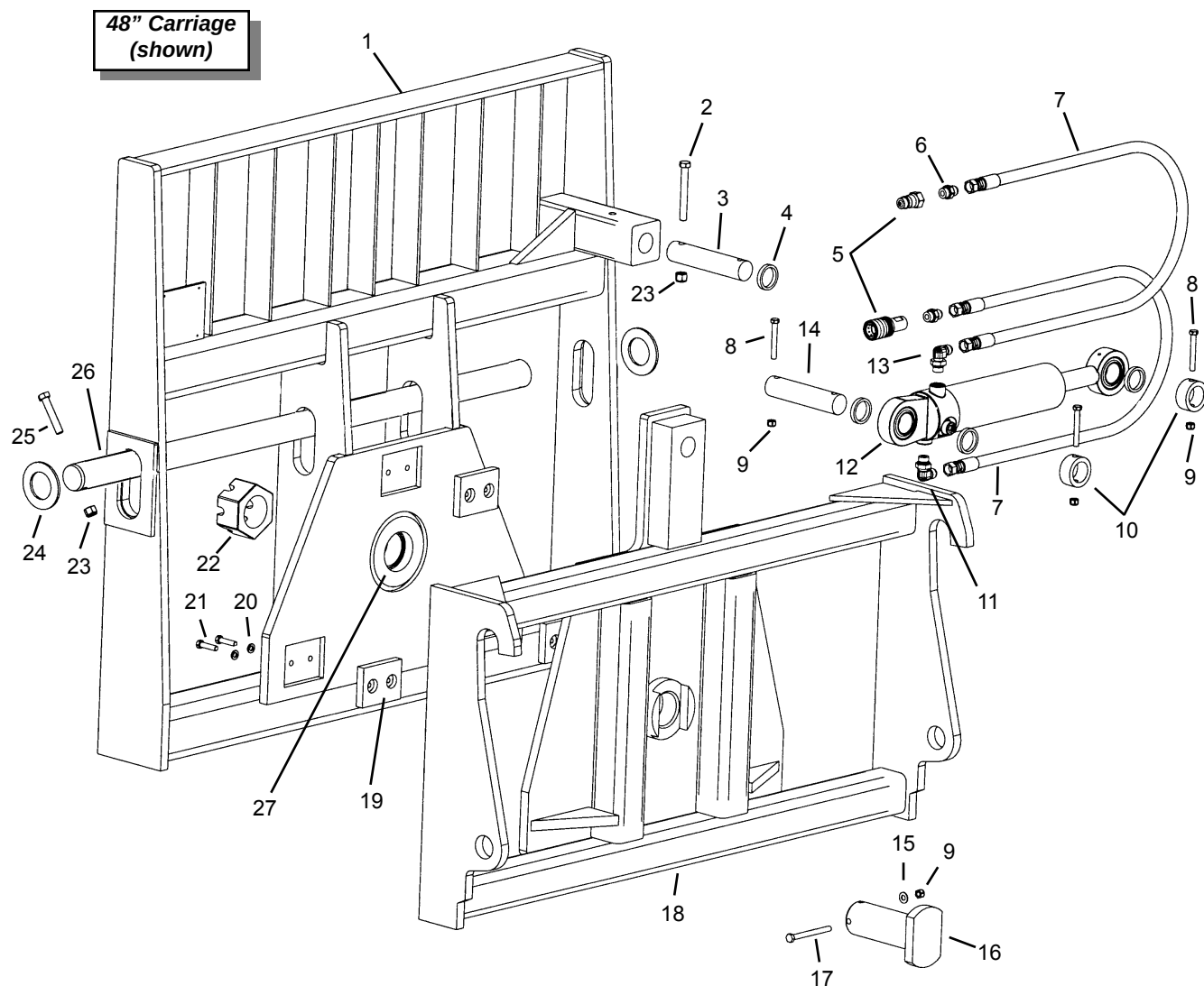
744 / 944 / 1155**Attachments****Quickattach™ II Standard Carriage**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE WELDMENT	1	03		FORK SHAFT WASHER	2
	L500196	48" (2" pin)	1		L400425	Note a	
	430170	48" (uses 2-1/2" pin) - (Note e)	1		100369	Note b	
	L500197	66" (2" pin)	1	04	L520019	1/2"-13 NYLON INSERT NUT	2
	430172	66" (uses 2-1/2" pin) - (Note e)	1	05		BOLT	2
	210408	72" (uses 2" pin)	1		L510003	Note a -- 1/2" x 2-3/4" BOLT	2
	105069	72" (uses 2-1/2" pin)	1		650650	Note b -- 1/2"-13" x 3-1/2" BOLT	2
02		FORK SHAFT BAR	1	06 ^f	L500764	FORKSHAFT RETAINER	1
	L65223	(2"X51-1/2")	1		654030	1/2" LOCK WASHER	2
	L64561	(2"X69-1/2")	1		650494	1/2"-13 x 1" BOLT	2
	L68493	(2"X75-1/2")	1	a		Used with 2" diameter Fork Shaft Bar	
	101625	(2-1/2" x 51-1/2") - (Note c)	1	b		Used with 2-1/2" diameter Fork Shaft Bar	
	101624	(2-1/2" x 69-1/2") - (Note c)	1	c		When not equipped with item #6.	
	101240	(2-1/2" x 48-1/2") - (Note d)	1	d		When equipped with item #6.	
	101241	(2-1/2" x 66-1/2") - (Note d)	1	e		If carriage uses item 6 to retain the fork shaft bar, order the following items when replacing the carriage: item 2, note c; item 3; item 4 and item 5.	
	104844	(2-1/2" x 74-3/4")	1	f		Not used on all carriages.	

Attachments

Quickattach™ II Rotating Carriage

Mustang Telehandler



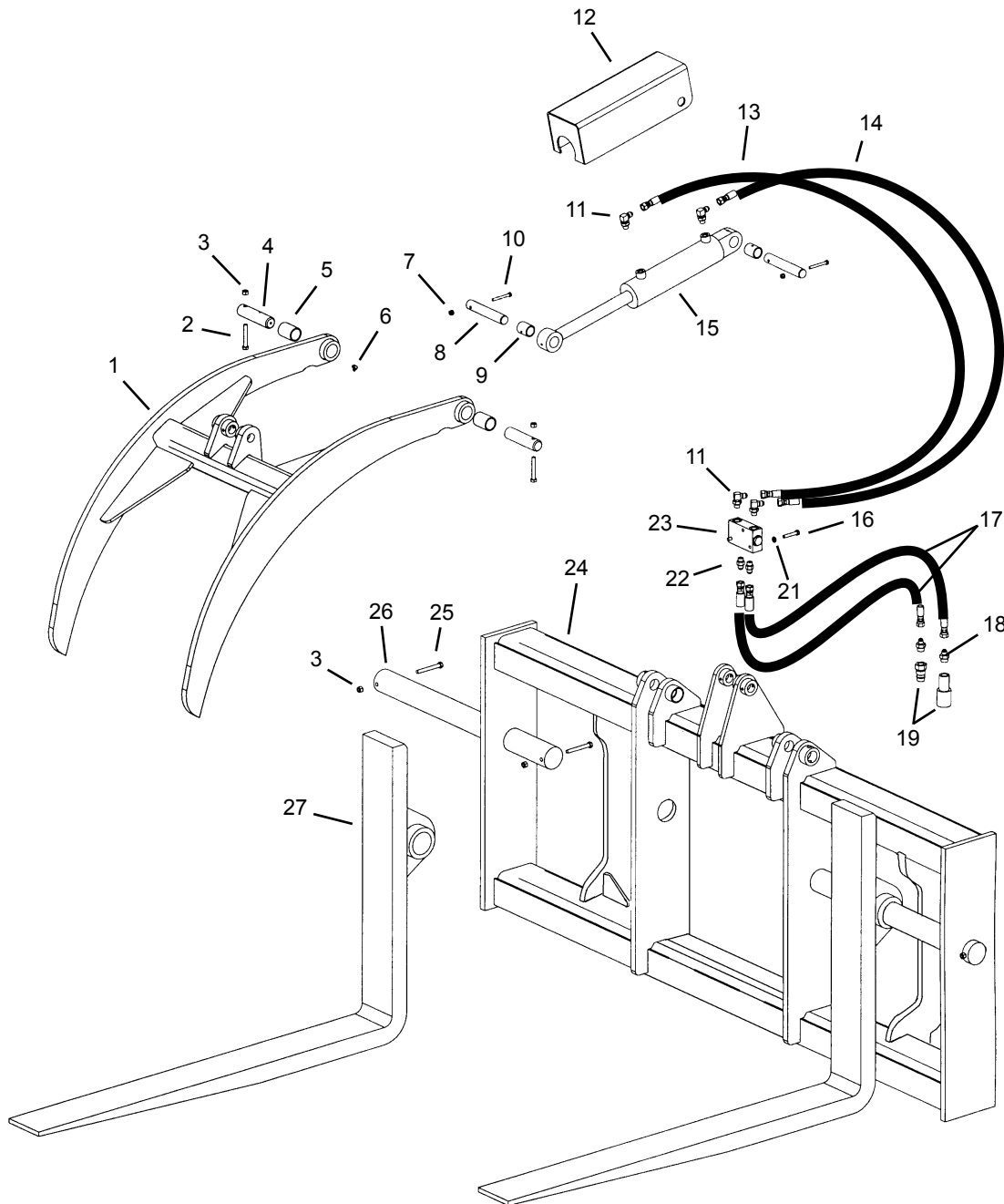
744 / 944 / 1155**Attachments****Quickattach™ II Rotating Carriage**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE, ROTATING	1	16	101003	ROTATOR PIN.	1
	103517	(48" Carriage) 2" dia. fork shaft		17	650742	3/8"X4" BOLT.	1
	103518	(66" Carriage) 2" dia. fork shaft		18	101002	ROTATOR PLATE WELDMENT . . .	1
	103519	(48" Carriage) 2-1/2" dia. fork shaft		19	L61709	SLIDE PAD	3
	103520	(66" Carriage) 2-1/2" dia. fork shaft		20	654026	3/8" LOCK WASHER.	6
02	L50982	1/2" x 4" BOLT	1	21	650533	3/8" x 1-1/2" BOLT.	6
03	L65181	PIN, ROTATOR ROD END	1	22	L50718	2-1/2"-12 CASTELL NUT.	1
04	L61307	SPACER	4	23	L520019	1/2"-13 NYLON INSERT NUT	4
05	L65273	QUICK COUPLER SET.	1	24		FORK SHAFT WASHER.	2
06	054626	ADAP., -8ORM -8JICM STR	2		L400425	2" ID	
07	L64294	HOSE, -8 A8/A8 53"	2		100369	2-1/2" ID	
08	650493	3/8" x 2-3/4" BOLT	3	25		BOLT	2
09	L520005	3/8"-16 NYLON INSERT NUT . . . AR			L510003	1/2" x 2-3/4" BOLT (2" dia. shaft)	
10	L62026	LOCK COLLAR 1.5" OD	2		650650	1/2" x 3-1/2" BOLT (2-1/2" dia. shaft)	
11	L66017	ADAP., -8ORM -8JICM 90° w/ORF. 2		26		FORK SHAFT BAR.	1
12	L70655	ROTATE CYLINDER	1		L65223	(48" Carriage) 2" dia. fork shaft	
13	L66017	ADAP., -8ORM -8JICM 90° w/ORF. 2			L64561	(66" Carriage) 2" dia. fork shaft	
14	L65180	PIN, ROTATOR BASE END	1		101625	(48" Carriage) 2-1/2" dia. fork shaft	
15	654006	3/8" FLAT WASHER.	AR		101624	(66" Carriage) 2-1/2" dia. fork shaft	
				27	100900	BEARING, 2.5" (not shown)	1
					L61287	WASHER (not shown)	AR

Attachments

Mustang Telehandler

Quickattach™ II Log/Pipe Carriage



744 / 944 / 1155

Attachments

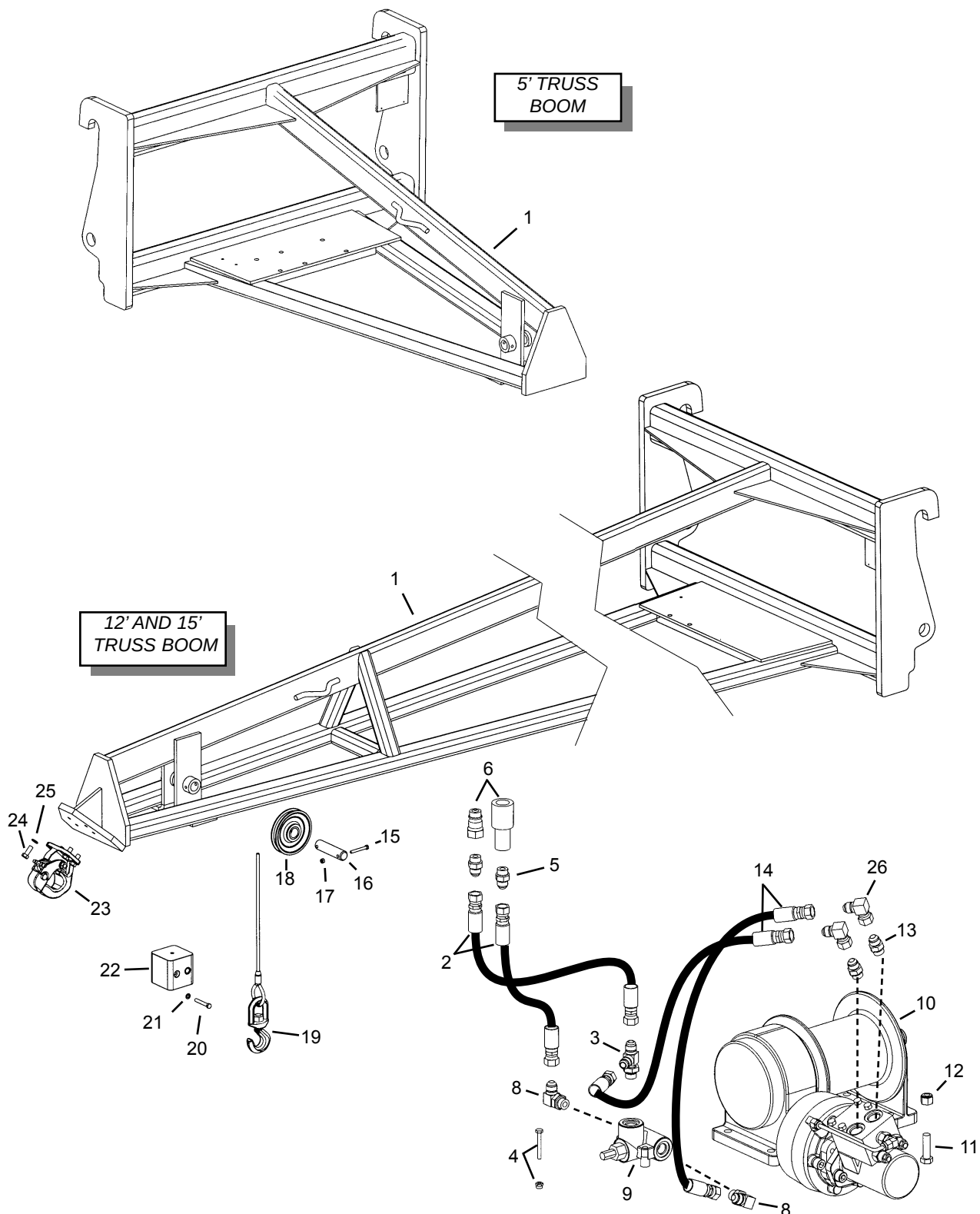
Quickattach™ II Log/Pipe Carriage

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L67347	LOG GRAPPLE WELDMENT	1	15	L67248	LOG GRAPPLE CYLINDER	1
02	650492	3/8" x 2-1/2" BOLT	2	16	650692	5/16"-18 x 1-3/4" BOLT	2
03	L520005	3/8"-16 NYLON INSERT NUT	6	17	L66831	HOSE, -6 A6/A6 52"	2
04	L67246	LOG GRAPPLE PIVOT PIN	2	18	L63143	ADAP., -8ORM -6JICM w/ORF	2
05	L61866	BUSHING	2	19	L65273	COUPLER SET	1
06	L10057	1/4"-28 GREASE ZERK 90°	2	21	654024	5/16" LOCKWASHER	2
07	L520003	1/4" NYLON INSERT NUT	2	22	054994	ADAP., -6ORM -6JICM	2
08	L66811	GRAPPLE CYLINDER PIN	2	23	L71651	VALVE, DOUBLE PORT CHECK	1
09	L63593	BUSHING	2	24	103528	LOG CARRIAGE WELDMENT	1
10	650839	1/4" x 2-1/4" BOLT	2	25	650818	BOLT	4
11	068938	ADAP., -6ORM -6JICM 90°	4	26	L66809	LOG FORK SHAFT	2
12	L67495	CYLINDER COVER	1	27		LOG FORK WELDMENT	2
13	L67598	HOSE, -4 A6/A6 32"	1		L66805	2" x 5" x 48"	
14	L67599	HOSE, -4 A6/A6 20"	1		100547	2" x 5" x 60"	

Attachments

Mustang Telehandler

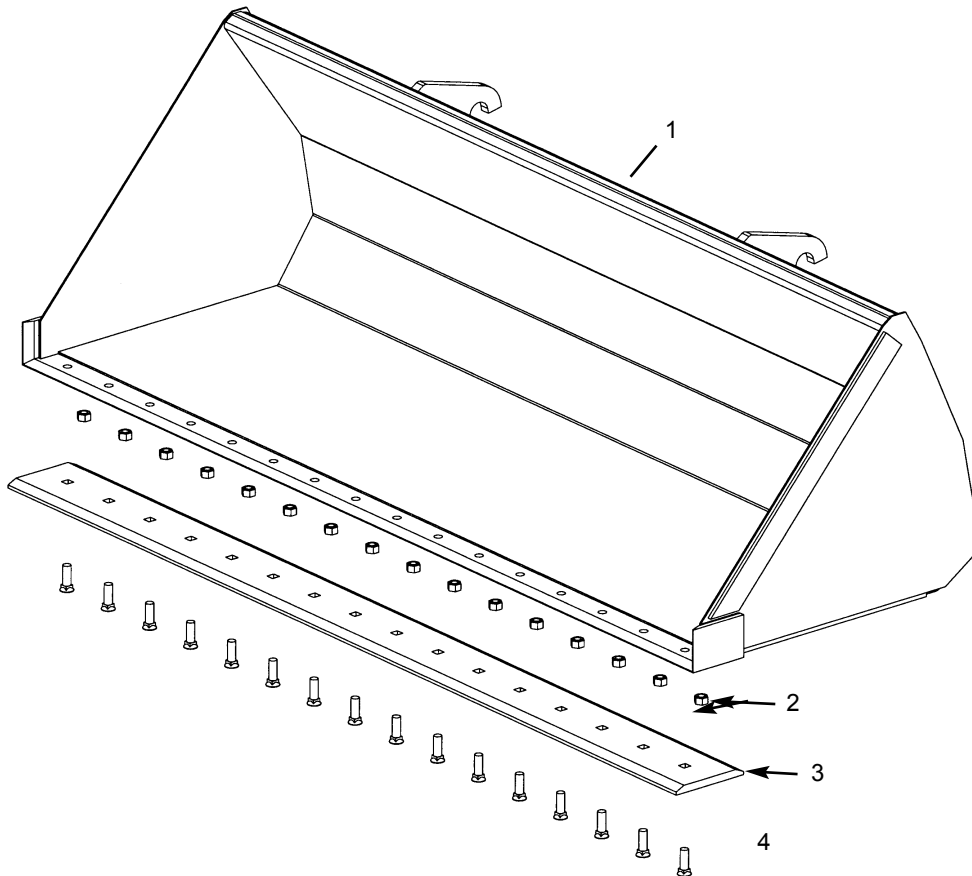
Quickattach™ II Truss Boom and Winch



Attachments

Mustang Telehandler

Quickattach™ II — 1.3-Cubic-Yard Bucket

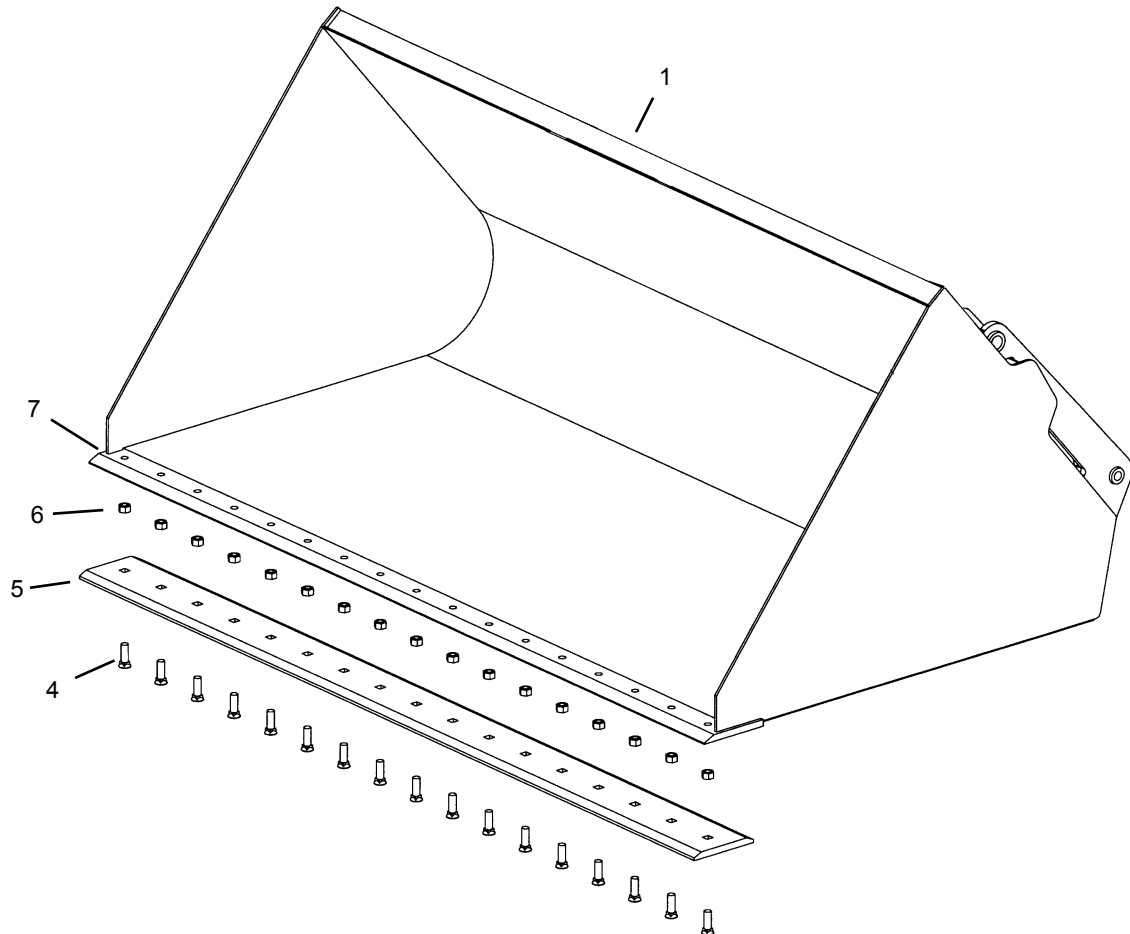


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500189	BUCKET WELDMENT 1.3-CU-YD . 1		03	L69167	REVERSIBLE CUTTING EDGE . . . 1	
02	L50519	3/4"-10 NYLON INSERT NUT 16		04	651351	3/4"-10 x 2-1/2" PLOW BOLT 16	

744 / 944 / 1155

Attachments

Quickattach™ II — 3-Cubic-Yard Bucket



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500660	BUCKET WELDMENT 3-CU-YD. . . .	1	06	651351	3/4"-10 x 2-1/2" PLOW BOLT	17
04	L50519	3/4"-10 NYLON INSERT NUT	17	07	100323	WELD-ON EDGE W / HOLES. . . .	1
05	100341	CUTTING EDGE - 101-3/8" LONG .	1				



744 / 944 / 1155

Attachments

Work Platform

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	103905	BASE (<i>platform</i>)	1	10	103910	HARDWARE KIT	1
02	103906	PANEL, RIGHT DOOR	1			(<i>includes six bolts and nuts</i>)	
03	103907	PANEL, LEFT DOOR	1	11	210917	PIN, GATE RETAINER	2
04	103908	PANEL, FRONT	1			(<i>secures doors to platform when front panel is removed</i>)	
05	103909	PANEL, REAR	1	12	106917	PIN, HAIRPIN COTTER (1/8")	2
06	100883	DECAL, PLATFORM RULES	2	13	101149	DECAL, FALL HAZARD	2
07	105845	PIN, FORK SECURE	2	14	106927	DECAL, DOOR SAFETY PIN	2
		(<i>secures platform to forks</i>)					
08	076099	HAIRPIN CLIP (9/64")	2				
09	103911	PIN, DOOR SAFETY	2				

Decals

Mustang Telehandler

General Information and Application

GENERAL INFORMATION



CAUTION

ALWAYS read and follow the safety precautions and information shown on decals. If any decals are damaged or unreadable, or if the unit is repainted, the decals must be replaced. If repainting, **BE SURE** that all decals that apply to your machine are affixed in their proper locations.

Decal locations information is provided to assist in the proper selection and application of new decals, in the event the original decals become damaged or the machine is repainted.

For correct replacement of decals, compare the location photographs to your machine before starting to refinish the unit. Check off each required decal using the illustration reference number to find the part number, description and quantity in the list. Refer to the appropriate illustration for replacement location.

If there is a decal on a part that is to be replaced, be sure that the decal is applied to the replacement part.

NOTE: Refer to the *SAFETY* chapter of the *Operator's Manual* for specific information provided on the various safety decals.

NEW DECAL APPLICATION

Before applying the new decals, surfaces must be free from dirt, dust, grease and other foreign material. To apply a solid-formed decal, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Slowly peel off the other portion of the backing paper while applying hand pressure to smooth out decal surface. To apply a pre-mask decal, first remove the backing paper to expose the adhesive side of the decal. Then, properly orient and position the decal onto the clean mounting surface. After the decal is firmly applied and smoothly pressed down, peel off the top covering paper.

PAINT FINISH

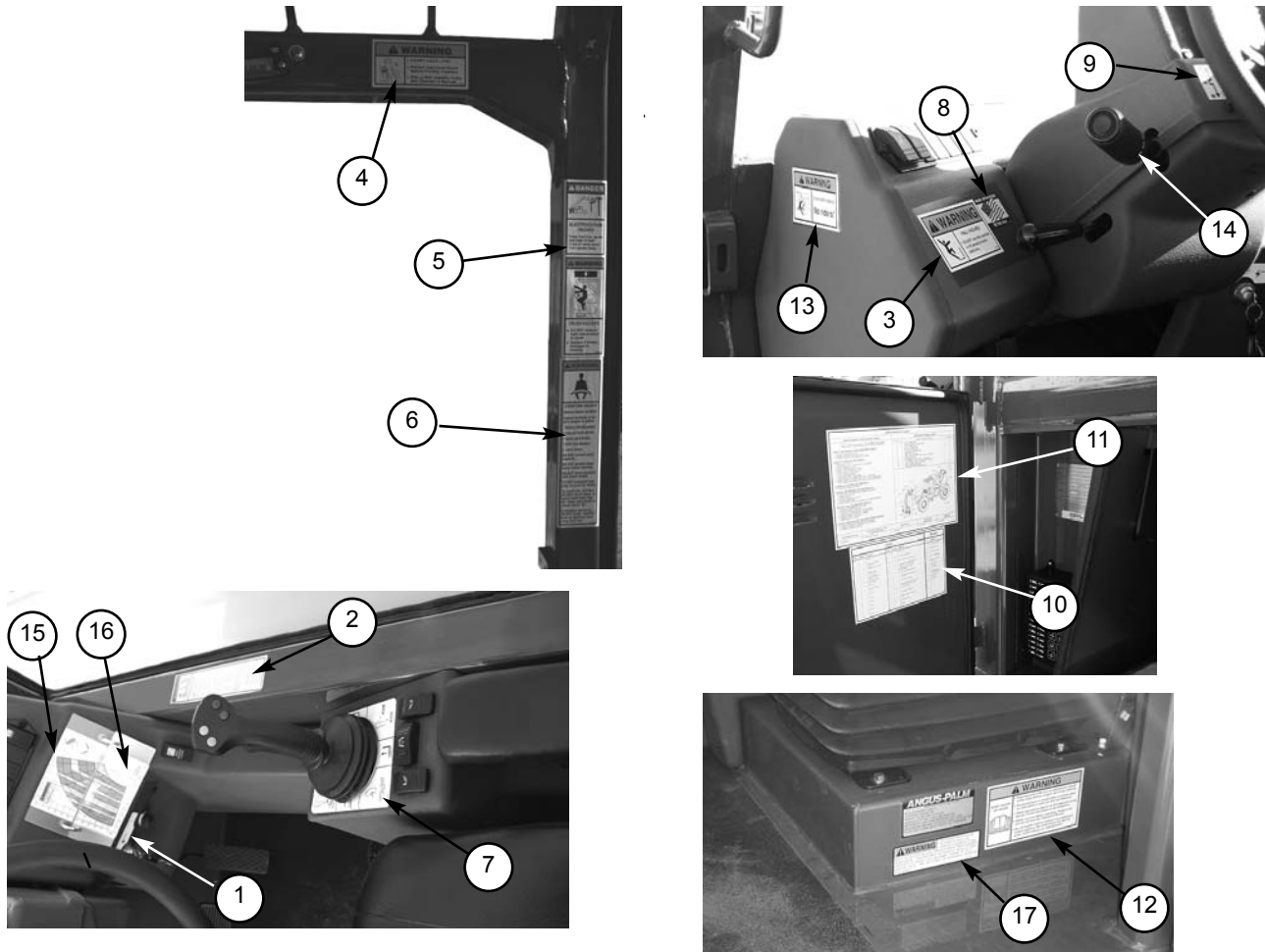
Use this list to order paint for refinishing:

167765	6 (16 oz. Spray Can) Yellow
167763	One Gallon Yellow
167755	6 (16 oz. Spray Can) Gray
167754	One Gallon Gray

Decal Kits

210091	Decal Kit, 744 w/ WPS
210092	Decal Kit, 744 w/o WPS
L500561	Decal Kit, 944 w/ WPS
103465	Decal Kit, 944 w/o WPS
L500563	Decal Kit, 1155 w/ WPS
103467	Decal Kit, 1155 w/o WPS

NOTE: Decals may be purchased in kits or individually.



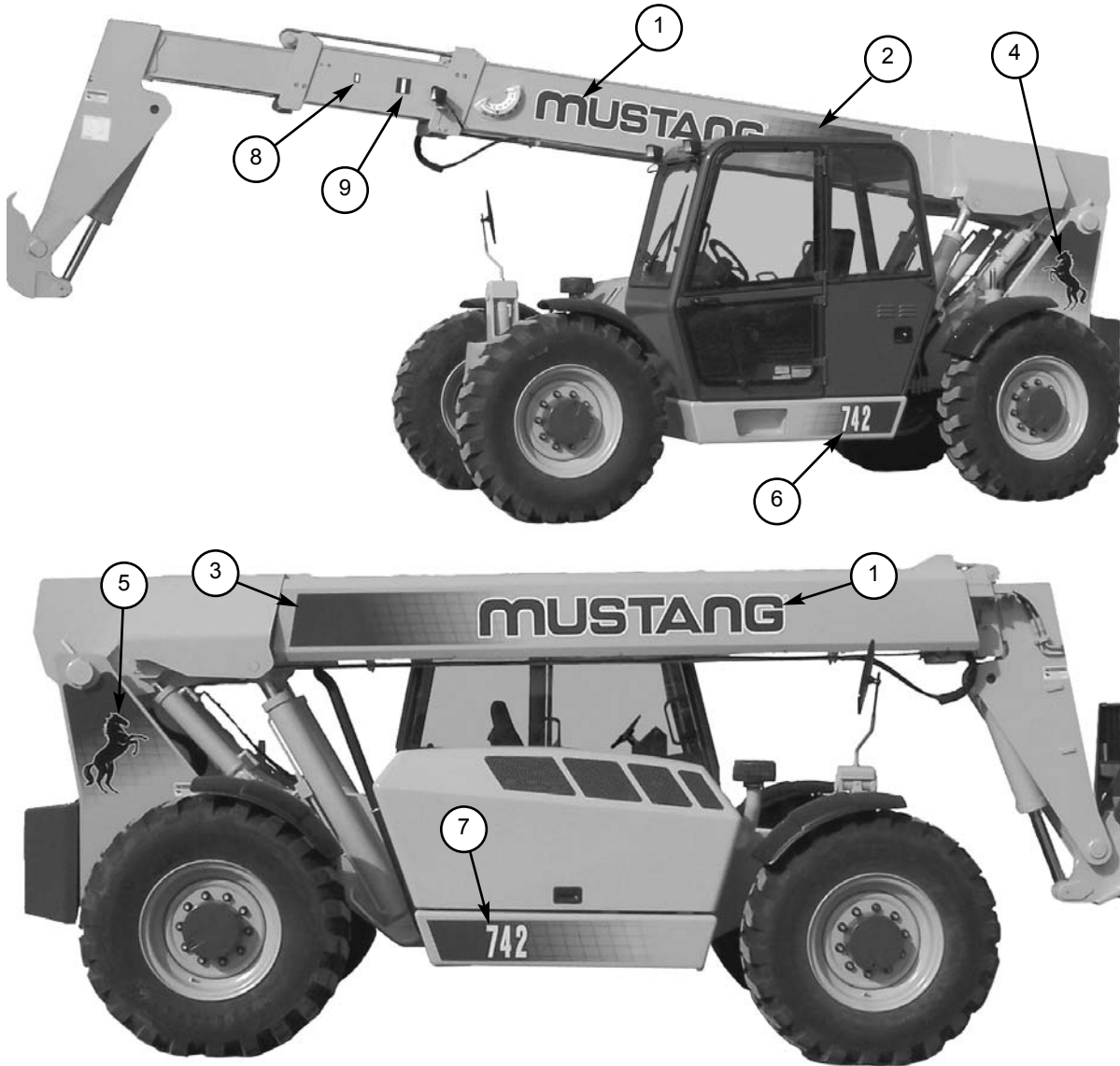
REF. NO.	DESCRIPTION	744	944	1155
01	IGNITION	101507	101507	101507
02	WARNING - SEAT BELT AND PARK BRAKE	101506	101506	101506
03	DANGER - PERSONNEL INJURY (units with out WPS)	L65928	L65928	L65928
04	WARNING - CARRY LOAD LOW	L65926	L65926	L65926
05	DANGER - HI-VOLT/MOVING PARTS	L70307	L70307	L70307
06	WARNING - TILT HAZARD/GENL. OPER.	L70306	L70306	L70306
07	JOYSTICK CONTROL	L71332	L71332	L71332
08	MADE IN U.S.A.	140516	140516	140516
09	F-N-R SHIFTER	L68295	L68295	L68295
10	FUSES/RELAYS REFERENCE	101451	101451	101451
11	MAINTENANCE CHART	L70243	L70243	L70243
12	OPERATOR MANUAL INSIDE	100359	100359	100359
13	WARNING - NO RIDERS	L65932	L65932	L65932
14	SHIFTER 1,2,3,4	L500439	L500439	L500439
15	LOAD ZONE CHARTS	See Note	See Note	See Note
16	WPS LOADCHART USAGE (units w/o WPS)	103376	103376	103376
17	ROPS FOPS WARNING	105099	105099	105099

NOTE: Refer to the Operator's Manual for this machine (Form 913290) for a listing of load charts.

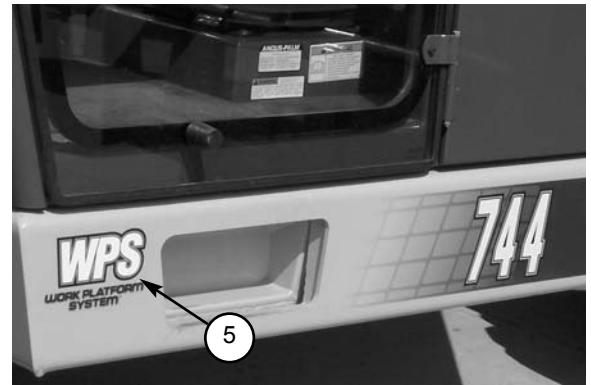
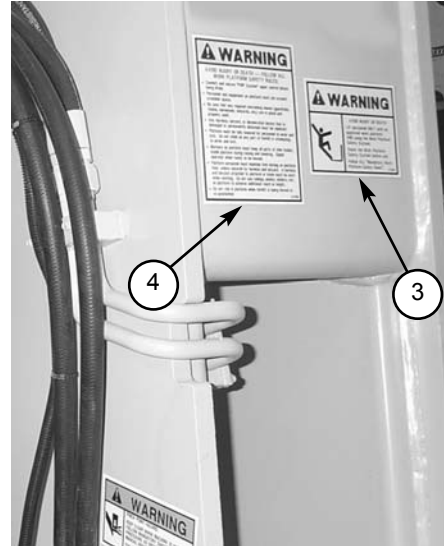
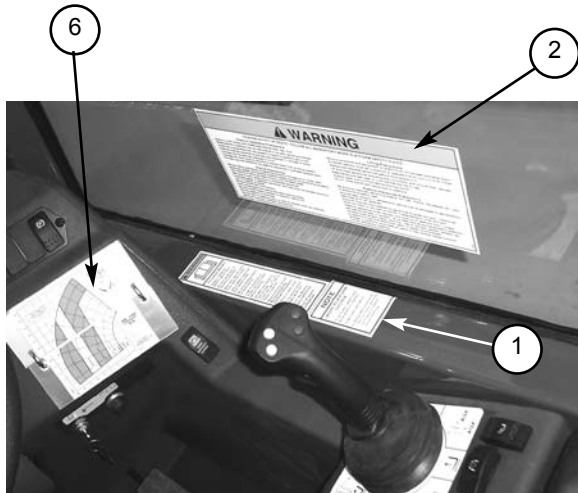
Decals

Frame and Boom

Mustang Telehandler



REF.	DESCRIPTION	744	944	1155
01	MUSTANG, BOOM SIDE	100258	100258	100258
02	GRID, LEFT SIDE	100139	100139	100139
03	GRID, RIGHT SIDE	100140	100140	100140
04	HORSE, LEFT SIDE	100143	100143	100143
05	HORSE, RIGHT SIDE	100144	100144	100144
06	MODEL NUMBER, LEFT SIDE	105858	100149	100151
07	MODEL NUMBER, RIGHT SIDE	105859	100150	100152
08	HALF ZONE MARKER (6 ea.)	L62583	L62583	L62583
09	"1" EXTENSION MARK (1 ea.)	L67719	L67719	L67719
	"2" EXTENSION MARK (1 ea.)	L67720	L67720	L67720
	"3" EXTENSION MARK (1 ea.)	L67721	L67721	L67721
	"4" EXTENSION MARK (1 ea.)	L67722	L67722	L67722
	"5" EXTENSION MARK (1 ea.)	L67723	L67723	L67723

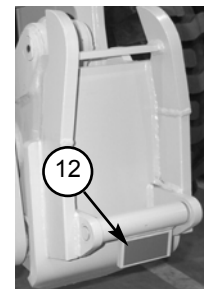
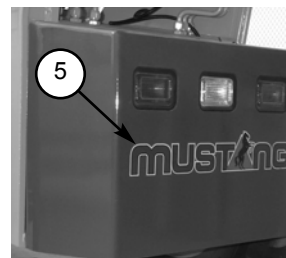
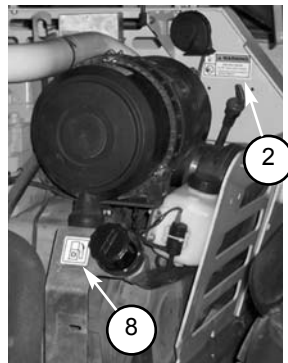
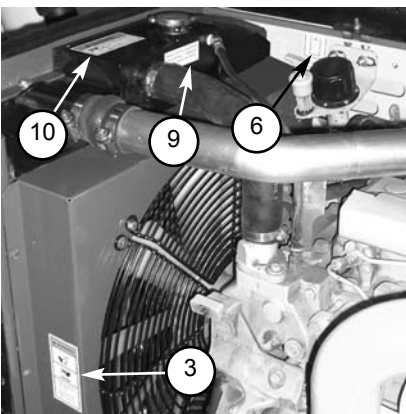
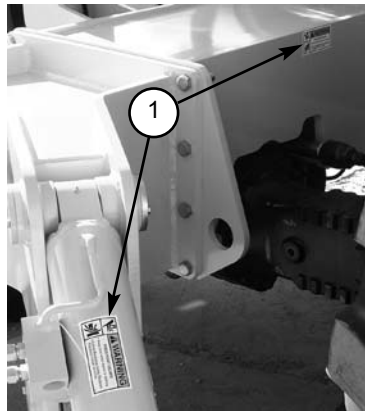
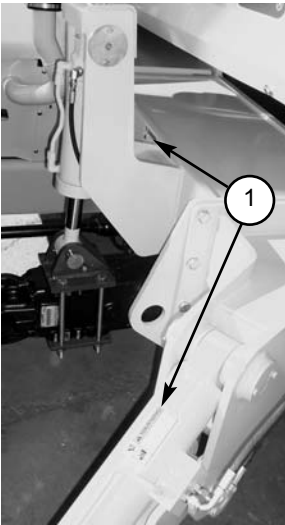
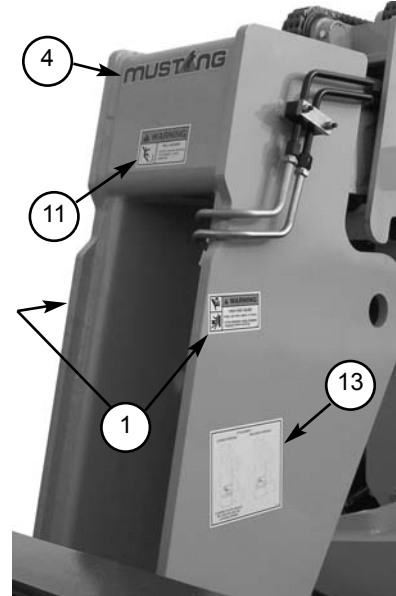
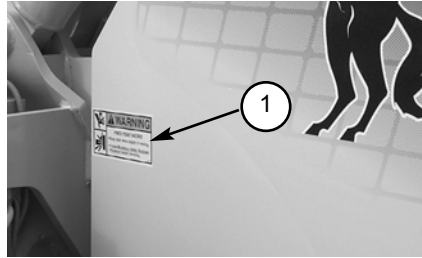
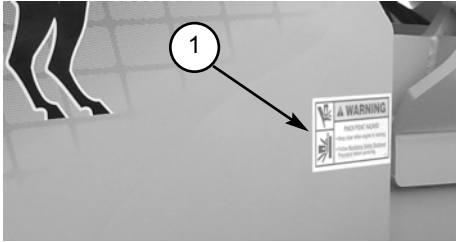


REF.	DESCRIPTION	742	944	1155
01	WP SWITCH INSTRUCTION	102969	102969	102969
02	WORK PLATFORM RULES	L71555	L71555	L71555
03	PERSONNEL LIFT	L71554	L71554	L71554
04	PERSONNEL LIFT SAFETY RULES	L71700	L71700	L71700
05	WPS LOGO	103016	103016	103016
06	WPS LOAD ZONE CHART	See Note	See Note	See Note

Note: See Load Zone Charts section in the Operator's Manual (Form 913290) for individual WPS load zone chart part numbers.

Decals Various

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REF.	DESCRIPTION	744	944	1155
01	WARNING - PINCH POINT	L65927	L65927	L65927
02	DANGER - JUMPSTART	L65933	L65933	L65933
03	DANGER - HANDS OUT	L70305	L70305	L70305
04	MUSTANG	100156	100156	100156
05	MUSTANG	100155	100155	100155
06	HYDRAULIC OIL	072794	072794	072794
07	ACCUMULATOR DISCHARGE	L70238	L70238	L70238
08	DIESEL FUEL	072797	072797	072797
09	ANTI-FREEZE	056859	056859	056859
10	COOLANT UNDER PRESSURE	072798	072798	072798
11	DANGER - PERSONNEL INJURY (units without WPS)	L65928	L65928	L65928
12	QUICKATTACH UNLOCKED	L66613	L66613	L66613
13	QUICKATTACH DIAGRAM	L65937	L65937	L65937

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054626	287	05	080313	271	05	100249	153	01	101319	207	04
054626	61	04	080319	273	05	100252	233	25	101319	209	04
054816	181	05	080434	67	14	100252	235	18	101320	209	10
054816	227	07	080556	221	11	100255	103	10	101351	151	02
054818	201	09	088117	201	02	100255	233	18	101351	153	02
054818	203	10	088117	203	01	100255	235	12	101351	155	03
054820	205	16	088442	287	26	100258	302	01	101351	173	02
054820	223	12	088442	295	26	100259	103	06	101351	175	02
054856	55	03	089069	25	33	100260	103	06	101351	177	10
054856	59	21	089070	25	33	100263	81	09	101356	11	00
054994	195	14	089099	201	34	100264	81	09	101356	25	00
054994	283	22	089099	287	13	100323	297	07	101364	53	16
055005	191	09	089099	295	13	100330	103	13	101378	25	35
055005	193	07	090666	13	02	100332	103	13	101378	27	27
055064	81	02	090666	65	14	100341	297	05	101378	29	00
056859	305	09	091039	223	08	100359	301	12	101383	213	03
064644	219	13	091039	225	03	100369	277	03	101397	51	15
065415	183	28	093475	301	04	100369	279	24	101421	51	14
065415	185	25	095601	153	13	100369	289	03	101422	51	13
067761	183	27	095601	175	13	100369	291	24	101436	51	16
067761	185	24	095601	215	02	100501	31	00	101439	57	16
067847	213	09	095601	35	08	100547	283	27	101443	11	00
067847	51	18	095955	63	00	100547	293	27	101443	25	00
068938	207	02	098691	221	01	100751	63	10	101451	301	10
068938	229	04	098691	223	01	100883	299	06	101453	51	22
069194	215	09	100003	103	04	100900	279	27	101488	51	06
069194	35	15	100008	103	04	100900	291	27	101490	25	09
072580	179	02	100071	41	17	100963	287	10	101491	25	08
072580	183	26	100076	287	16	100963	295	10	101492	25	05
072580	185	26	100076	295	16	100969	213	08	101493	25	10
072587	183	14	100091	31	00	101002	291	18	101493	41	19
072587	195	13	100102	49	18	101003	279	16	101494	25	13
072602	153	22	100114	149	01	101003	291	16	101495	17	20
072602	175	22	100118	151	03	101028	141	12	101495	19	19
072615	57	18	100118	153	03	101028	163	12	101495	71	21
072794	305	06	100119	147	01	101053	177	01	101506	301	02
072797	305	08	100119	149	01	101055	155	01	101507	301	01
072798	305	10	100120	169	01	101149	299	13	101508	27	28
072806	203	06	100120	171	15	101158	13	20	101508	29	00
072806	225	11	100139	302	02	101212	141	50	101524	25	12
072806	281	20	100140	302	03	101212	147	50	101528	25	14
075235	181	03	100143	302	04	101212	163	50	101550	25	06
075235	219	09	100144	302	05	101212	169	50	101624	279	26
075235	59	19	100149	302	06	101240	277	02	101624	291	26
076099	299	08	100150	302	07	101240	289	02	101625	277	02
076143	201	33	100151	302	06	101241	277	02	101625	279	26
076880	215	03	100152	302	07	101241	289	02	101625	289	02
076880	35	09	100155	305	05	101250	25	00	101625	291	26
077965	219	23	100156	305	04	101250	63	00	101650	27	22
077965	67	01	100247	173	01	101278	25	32	101650	29	32
079026	281	18	100247	175	01	101317	205	03	101668	31	00
079038	57	15	100249	151	01	101317	213	11	101687	05	01

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101692	209	06	101841	27	21	103051	241	18	103509	246	03
101709	22	11	101841	29	27	103052	241	09	103510	246	02
101709	23	07	101843	27	20	103052	242	04	103511	246	01
101710	23	14	101843	29	26	103053	241	15	103512	246	03
101716	11	00	101848	27	26	103053	242	02	103513	246	00
101717	17	11	101848	29	36	103054	241	01	103514	246	00
101717	19	10	101849	27	25	103056	241	04	103517	279	01
101718	19	05	101849	29	35	103057	241	02	103517	291	01
101719	22	16	101881	215	01	103058	241	03	103518	279	01
101722	20	02	101881	35	17	103059	241	06	103518	291	01
101723	19	01	101884	37	01	103059	242	00	103519	279	01
101724	20	01	101905	20	03	103061	241	05	103519	291	01
101725	15	02	101906	23	00	103063	241	01	103520	279	01
101726	15	01	101907	22	00	103065	241	04	103520	291	01
101727	21	05	101908	21	15	103066	241	02	103528	293	24
101728	21	12	101909	22	18	103067	241	03	103878	229	01
101729	21	13	101909	23	23	103068	241	07	103878	249	00
101730	21	14	101910	22	19	103086	242	03	103899	219	06
101732	21	03	101912	23	22	103087	242	05	103900	183	13
101733	20	08	101926	71	05	103099	47	—	103900	219	17
101737	23	04	101960 53		08	103101	13	23	103901	189	24
101738	23	08	101961 53		07	103104	13	22	103901	219	15
101739	23	09	101962	53	07	103159	13	13	103902	195	12
101740	23	10	101963	53	08	103160	13	14	103902	219	14
101741	23	11	101999	279	18	103160	25	00	103905	299	01
101742	23	12	102002	51	07	103161	13	14	103906	299	02
101743	22	13	102063	65	12	103161	25	00	103907	299	03
101743	23	13	102063	69	05	103180	17	00	103908	299	04
101744	23	15	102173	9	01	103188	13	14	103909	299	05
101745	23	16	102262	65	00	103194	219	07	103910	299	10
101746	23	17	102323	105	18	103194	221	12	103911	299	09
101747	23	18	102324	105	04	103194	223	16	103912	19	19
101748	23	19	102408	44	01	103376	301	16	104016	249	02
101751	23	24	102655	45	00	103413	225	07	104065	43	04
101752	23	25	102675	45	02	103413	246	00	104078	43	03
101753	22	04	102676	45	01	103414	47	—	104083	250	00
101754	22	10	102743	13	34	103414	47	00	104114	59	11
101755	22	12	102864	13	32	103424	47	—	104121	19	00
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101757	22	15	102962	13	03	103475	47	10	104304	251	12
101759	22	21	102963	13	06	103476	47	11	104320	241	13
101761	21	00	102968	47	12	103479	47	01	104340	63	05
101764	15	00	102969	303	01	103480	47	08	104452	69	12
101790	21	11	103010	27	16	103482	47	02	104454	65	19
101792	23	15	103010	29	16	103483	107	03	104455	65	01
101793	23	26	103016	303	05	103484	107	03	104675	47	04
101794	23	28	103045	241	12	103485	107	03	104844	277	02
101814	205	14	103046	241	08	103486	107	04	104844	289	02
101825	27	12	103047	241	14	103487	107	19	104867	81	01
101825	29	12	103048	241	11	103505	225	02	104868	83	01
101840	27	19	103049	241	17	103506	225	01	104869	101	37

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104885	69	13	105556	241	06	105969	83	15	167753	300	00
104904	10	00	105557	241	19	105970	69	15	167754	300	00
104952	13	29	105571	25	00	106001	25	00	167788	300	00
104963	47	00	105571	63	00	106001	25	39	167789	300	00
105054	71	10	105609	83	08	106888	237	05	188973	81	07
105055	71	01	105610	83	05	106892	245	06	210004	65	09
105059	71	17	105611	83	09	106893	245	04	210005	65	13
105065	71	08	105615	83	13	106898	245	01	210016	275	10
105069	289	01	105625	59	23	106917	299	12	210018	247	02
105070	71	12	105648	51	08	106927	299	14	210019	36	04
105070	9	07	105692	25	00	106965	47	05	210023	300	00
105071	71	11	105692	63	00	107001	39	23	210024	300	00
105071	9	06	105753	36	05	110227	233	03	210025	300	00
105080	67	08	105756	36	03	114742	201	27	210026	300	00
105082	101	00	105757	36	02	114742	205	08	210027	300	00
105082	99	01	105758	36	01	114742	287	03	210028	300	00
105096	73	14	105762	69	10	114742	295	03	210029	300	00
105099	301	17	105763	69	09	121552	273	04	210030	300	00
105100	73	11	105765	69	14	121684	67	04	210031	300	00
105103	83	13	105768	51	05	121774	81	10	210032	300	00
105104	83	14	105794	9	03	122778	201	15	210034	73	00
105105	73	08	105795	9	02	126862	227	06	210047	63	00
105106	73	05	105799	65	12	127349	57	10	210145	33	00
105140	73	07	105818	9	04	129124	201	31	210152	103	01
105159	219	01	105819	9	05	129124	225	04	210170	41	01
105159	241	00	105821	33	00	131522	55	18	210182	33	01
105161	189	13	105821	63	07	131799	49	25	210183	33	04
105161	219	21	105822	67	03	131940	49	22	210188	33	13
105164	189	13	105823	67	02	133098	67	05	210189	33	14
105164	219	16	105824	67	12	137220	263	04	210190	33	15
105165	242	01	105825	65	13	137220	265	06	210191	33	17
105166	201	01	105826	65	11	137221	261	08	210192	33	16
105167	67	10	105827	65	10	137221	269	06	210193	33	12
105167	219	12	105836	25	01	137497	13	14	210194	33	18
105175	69	11	105840	71	20	137502	27	24	210195	33	11
105194	69	15	105841	53	06	137502	29	34	210200	53	11
105202	103	04	105842	08	00	137542	183	10	210213	33	13
105203	103	04	105843	63	26	137542	185	01	210242	53	01
105211	72	06	105843	65	00	137542	187	09	210270	275	14
105215	71	09	105844	65	04	137542	195	09	210275	275	12
105231	71	03	105845	299	07	137542	197	01	210-32160	13	12
105234	115	00	105846	57	13	137542	199	09	210-32160	153	08
105236	35	23	105848	67	13	137659	71	14	210-32160	175	08
105238	105	43	105849	67	06	137784	201	06	210382	219	01
105238	115	01	105850	63	07	137784	213	02	210382	241	00
105258	51	09	105851	101	45	138563	29	06	210384	171	04
105261	115	09	105852	69	01	140516	301	08	210403	41	26
105271	115	08	105853	69	02	140775	71	07	210404	41	28
105285	83	06	105854	69	03	140776	71	06	210405	41	27
105286	83	07	105855	69	04	140883	179	06	210407	277	01
105502	39	22	105858	302	06	140883	219	18	210408	289	01

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210447	235	22	650484	33	08	650648	51	21	654004	49	01
210539	171	13	650484	65	02	650650	279	25	654006	279	15
210543	233	28	650485	141	24	650650	291	25	654006	77	19
210543	235	21	650485	157	09	650663	15	04	654009	219	05
210602	207	03	650486	123	05	650663	15	05	654009	49	12
210615	67	09	650486	135	02	650692	281	22	654014	04	00
210777	47	09	650486	155	07	650692	293	16	654022	36	11
210807	221	13	650486	177	06	650704	13	01	654022	51	24
210807	223	17	650486	73	09	650704	41	25	654024	131	04
210867	47	03	650486	73	13	650706	287	04	654024	77	13
210917	299	11	650487	233	31	650706	295	04	654026	219	03
211161	237	07	650487	235	24	650725	187	25	654026	81	00
211161	245	09	650487	39	11	650725	197	17	654030	14	
230-18127	209	02	650487	41	18	650731	183	19	654030	77	05
230-21555	185	44	650487	65	05	650731	219	02	654049	213	05
230-21555	197	35	650487	77	12	650733	287	15	654049	51	19
230-24749	59	12	650488	137	02	650733	295	15	654049	65	15
230-30569	195	18	650488	143	07	650742	187	36	655006	02	
230-30569	197	12	650490	167	00	650742	279	17	655006	49	03
230-30569	199	20	650490	37	02	650742	291	17	656052	103	07
230-32195	211	04	650491	159	23	650784	205	05	656117	65	17
230-32364	187	33	650491	181	27	650810	65	03	820435	63	28
230-32364	211	04	650492	283	02	650810	65	06	L10057	283	06
230-32674	189	12	650492	287	20	650818	141	16	L10057	293	06
230-32674	195	11	650492	293	02	650818	163	23	L10465	177	02
230-32694	211	18	650492	295	20	650818	185	17	L10465	259	01
230-32753	153	16	650493	279	08	650833	153	20	L120041	71	16
230-32753	175	16	650493	281	33	650833	175	20	L276632	151	15
240197	237	02	650493	291	08	650833	281	11	L276632	173	15
240202	237	03	650494	137	11	650834	49	20	L400207	119	07
240202	237	04	650494	191	05	650835	51	23	L400207	121	02
240202	245	03	650495	219	04	650835	83	12	L400207	189	06
244655	237	03	650500	284	07	650839	281	14	L400398	287	14
244655	245	03	650532	189	02	650839	283	10	L400425	277	03
420-19671	65	00	650533	143	03	650839	293	10	L400425	279	24
430170	289	01	650533	167	00	650839	35	20	L400425	281	02
430171	277	01	650542	63	20	650936	13	29	L400929	275	05
430172	289	01	650545	185	06	651062	49	06	L40165	183	17
430173	277	01	650545	197	06	651089	207	01	L41179	63	20
50220061	47	07	650549	125	07	651125	75	18	L41261	35	02
50380061	237	01	650550	13	18	651351	296	04	L41848	25	34
50380062	237	04	650568	125	15	651351	297	06	L42342	03	
50380338	247	04	650568	281	12	651599	105	41	L43221	55	22
520013	79	03	650569	287	11	651625	125	11	L43221	59	13
650315	13	16	650569	295	11	651625	35	07	L441010	55	14
650315	27	22	650573	51	05	651642	13	14	L441010	59	02
650315	29	32	650573	51	07	651719	115	10	L443004	201	03
650426	37	09	650579	127	05	653002	13	29	L444080	201	16
650426	37	12	650579	129	03	653098	53	02	L445007	81	04
650448	231	02	650588	37	19	654002	15	04	L445123	153	14
650448	36	07	650630	41	04	654002	15	05	L445123	175	14

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L446014	81	13	L500038	23	06	L500216	281	05	L500580	29	21
L446042	209	09	L500042	22	17	L500218	287	01	L500585	153	23
L447005	63	18	L500042	23	20	L500220	283	24	L500585	175	00
L448002	57	11	L500059	27	23	L500221	295	00	L500591	31	01
L448013	153	24	L500059	29	33	L500223	287	00	L500592	31	02
L448013	175	24	L500060	11	00	L500225	11	00	L500593	31	03
L47263	275	06	L500064	11	00	L500225	25	00	L500594	31	04
L47265	275	07	L5000748	11	00	L500227	55	08	L500595	31	09
L47270	103	01	L5000748	25	00	L500227	59	05	L500596	31	10
L47270	103	01	L500080	35	19	L500241	271	09	L500600	93	42
L48179	261	13	L500081	36	08	L500242	271	01	L500600	96	06
L48805	23	00	L500081	37	25	L500243	252	06	L500601	91	01
L48868A	271	08	L500098	23	27	L500252	252	05	L500602	91	13
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L49619	119	09	L500126	248	04	L500311	53	05	L500604	93	30
L500001	17	15	L500127	248	09	L500312	53	04	L500605	93	01
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L500004	17	13	L500129	248	02	L500347	201	37	L500607	19	01
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L500017	15	14	L500132	248	06	L500349	201	38	L500607	23	00
L500017	21	01	L500133	248	03	L500350	295	01	L500618	105	24
L500019	07	00	L500134	248	07	L500352	57	14	L500652	251	06
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L500019	21	04	L500147	27	18	L500365	270	03	L500656	251	04
L500020	15	11	L500147	29	18	L500367	270	05	L500657	49	09
L500020	20	06	L500148	27	17	L500367	272	04	L500660	297	01
L500020	21	06	L500148	29	17	L500370	272	06	L500664	29	30
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L500021	21	07	L500151	29	14	L500398	27	16	L500689	251	05
L500021	23	02	L500152	27	13	L500398	29	16	L500690	251	08
L500022	15	13	L500152	29	13	L500403	29	28	L500692	251	07
L500022	20	07	L500157	27	07	L500430	201	39	L500694	17	12
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L500028	15	07	L500162	29	02	L500569	13	24	L500700	19	06
L500030	15	04	L500163	27	01	L500570	29	22	L500701	17	18
L500031	15	05	L500163	29	01	L500574	29	24	L500701	19	14
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L500037	22	08	L500197	289	01	L500577	29	19	L500703	19	02
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L500707	19	03	L500799	105	17	L500845	109	07	L500886	113	08
L500708	17	19	L500801	105	19	L500846	108	07	L500887	113	09
L500709	17	06	L500802	105	20	L500846	109	07	L500889	112	02
L500709	19	08	L500803	105	21	L500847	108	07	L500890	112	03
L500711	17	10	L500804	105	22	L500847	109	07	L500891	112	04
L500711	19	09	L500805	105	23	L500848	108	07	L500892	112	07
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L500718	19	18	L500808	105	29	L500849	109	07	L500895	112	10
L500719	17	09	L500809	105	30	L500850	108	07	L500896	112	11
L500719	19	12	L50081	13	10	L500850	109	07	L500897	112	14
L50072	13	05	L500810	105	31	L500851	108	07	L500898	112	15
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L500721	253	04	L500812	105	34	L500852	108	07	L500900	112	17
L500722	253	03	L500813	105	36	L500852	109	07	L500901	112	18
L500723	253	06	L500814	105	37	L500853	108	07	L500902	112	19
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L500725	253	02	L500816	105	39	L500854	108	08	L500904	112	21
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L50608	189	04	L520005	117	07	L62733	127	07	L64122	271	02
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L50646	177	12	L520019	177	08	L62761	251	02	L64143	129	06
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L65097	177	13	L66921	284	08	L68039	181	18	L69162	37	08
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L69595	35	03	L69904	221	05	L70045	51	04	L70246	11	00
L69596	35	01	L69906	225	15	L70068	25	00	L70246	25	00
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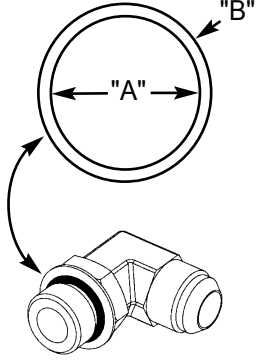
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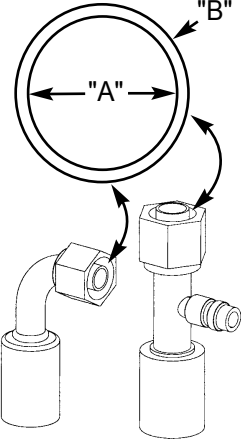
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O-RING TABLES

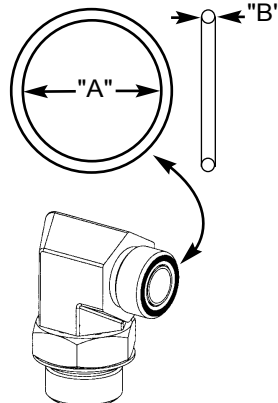
O-Ring Table — Male Boss Fittings

	Fitting Thread Size	Diameter "A"	Diameter "B"	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
	A/C #6	0.312	0.453	138777
	A/C #8	0.437	0.578	138778
	A/C #10	0.562	0.703	138779

O-Ring Table — Air Conditioning Fittings

	A/C Fitting	Diameter "A"	Diameter "B"	Part Number
	A/C #6	0.312	0.453	138777
	A/C #8	0.437	0.578	138778
	A/C #10	0.562	0.703	138779

O-Ring Table — Face Seal Fittings

	Fitting Thread Size	Tube O.D.	Diameter "A"	Thickness "B"	Part Number
	9/16 - 18	1/4	0.301	0.070	50300165
	11/16 - 16	3/8	0.364	0.070	50300166
	13/16 - 16	1/2	0.489	0.070	50300167
	1-14 - 14	5/8	0.614	0.070	135124
	1-13/16 - 12	3/4	0.739	0.070	137205
	1-7/16 - 12	1	0.926	0.070	50300168

REFERENCE

ADAPTER (FITTINGS) TORQUE GUIDE

Use these torque values when tightening hydraulic, fuel, or coolant adapters (fittings).

SAE "O-Ring" Boss (Steel) Adapters					
Size		Pounds-Force Foot (lb.-ft.)		Newton Meter (N-m)	
Dash	Fractional	Minimum	Maximum	Minimum	Maximum
-3	3/16	8	10	11	13
-4	1/4	14	16	19	21
-5	5/16	18	20	24	27
-6	3/8	24	26	32	35
-8	1/2	50	60	68	81
-10	5/8	72	80	97	108
-12	3/4	125	135	170	183
-14	7/8	160	180	216	244
-16	1	200	220	271	298
-20	1-1/4	210	280	285	380
-24	1-1/2	270	360	366	488

JIC 37° and 45° (Machined or Flared) Adapters					
Size		Pounds-Force Foot (lb.-ft.)		Newton Meter (N-m)	
Dash	Fractional	Minimum	Maximum	Minimum	Maximum
-4	1/4	10	11	13	15
-5	5/16	13	15	17	20
-6	3/8	17	19	23	26
-8	1/2	34	38	46	51
-10	5/8	50	56	68	78
-12	3/4	70	78	95	106
-16	1	94	104	127	141
-20	1-1/4	124	138	168	187
-24	1-1/2	156	173	211	234
-32	2	219	243	297	329

REFERENCE

METRIC BOLT TORQUE GUIDE

Use these torque values when tightening hardware—excluding: lock nuts, thread-forming, self-tapping, and metal screws—unless otherwise specified.

Grade 8.8		Grade 10.9		Grade 12.9	
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Metric Coarse-Pitch Thread	All torque values are in Foot-Pounds and Newton Meters (Nm).				
	DIN 912, DIN 931, DIN 933, etc...			DIN 7984	
	8.8	10.9	12.9	8.8	10.9
M5	4.1 (5.5)	6 (8)	7 (10)	4 (5)	5 (7)
M6	7 (10)	10 (14)	13 (17)	6.3 (8.5)	9 (12)
M8	18 (25)	26 (35)	31 (42)	15 (20)	22 (30)
M10	33 (45)	48 (65)	59 (80)	30 (40)	44 (59)
M12	64 (87)	81 (110)	108 (147)	51 (69)	74 (100)
M14	100 (135)	133 (180)	170 (230)	81 (110)	118 (160)
M16	155 (210)	203 (275)	258 (350)	125 (170)	184 (250)
M18	207 (280)	302 (410)	354 (480)	181 (245)	254 (345)
M20	302 (410)	420 (570)	509 (690)	251 (340)	361 (490)
M22	406 (550)	575 (780)	686 (930)	339 (460)	487 (660)
M24	524 (710)	738 (1000)	878 (1190)	435 (590)	620 (840)
M27	767 (1040)	1092 (1480)	1305 (1770)	642 (870)	922 (1250)
M30	1047 (1420)	1482 (2010)	1770 (2400)	885 (1200)	1254 (1700)

Metric Fine-Pitch Thread	All torque values are in Foot-Pounds and Newton Meters (Nm).				
	DIN 912, DIN 931, DIN 933, etc...			DIN 7984	
	8.8	10.9	12.9	8.8	10.9
M8X1.0	18 (25)	27 (37)	32 (43)	16 (22)	24 (32)
M10X1.0	37 (50)	55 (75)	65 (88)	32 (43)	48 (65)
M10X1.25	36 (49)	52 (71)	61 (83)	31 (42)	46 (62)
M12X1.25	64 (87)	96 (130)	111 (150)	55 (75)	81 (110)
M12X1.5	61 (83)	92 (125)	107 (145)	53 (72)	77 (105)
M14X1.5	100 (135)	148 (200)	173 (235)	89 (120)	129 (175)
M16X1.5	155 (210)	229 (310)	266 (360)	133 (180)	195 (265)
M18X1.5	232 (315)	332 (450)	391 (530)	199 (270)	284 (385)
M20X1.5	325 (440)	465 (630)	538 (730)	277 (375)	391 (530)
M22X1.5	435 (590)	620 (840)	723 (980)	369 (500)	524 (710)
M24X2.0	546 (740)	789 (1070)	922 (1250)	465 (630)	664 (900)
M27X2.0	811 (1100)	1143 (1550)	1328 (1800)	679 (920)	959 (1300)
M30X2.0	1106 (1500)	1586 (2150)	1844 (2500)	959 (1300)	1364 (1850)

REFERENCE

SAE BOLT TORQUE GUIDE

Use these torque values when tightening hardware—excluding: lock nuts, thread-forming, self-tapping, and metal screws—unless otherwise specified.

NOTE: All torque values are in foot-pounds (lb.-ft.), except those marked with asterisks (*), which are in inch-pounds (lb.-in.). To convert lb.-ft. to Newton Meter (Nm)—metric—torque values, multiply the lb.-ft. value by 1.355, or for inch pounds, multiply the lb.-in. value by 0.113.

Unified National Thread	Grade 2 		Grade 5 		Grade 8 	
	Dry	Oiled	Dry	Oiled	Dry	Oiled
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	35	35	75	55	110	80
1/2-20	40	40	90	65	120	90
9/16-12	55	55	110	80	150	110
9/16-18	60	60	120	90	170	130
5/8-11	75	75	150	110	220	170
5/8-18	85	85	180	130	240	180
3/4-10	130	130	260	200	380	280
3/4-16	150	150	300	220	420	320
7/8-9	125	125	430	320	600	460
7/8-14	140	140	470	630	660	500
1-8	190	190	640	480	900	680
1-14	210	210	710	530	1000	740

* Value shown is in pound-force inch (lb.-in.)—inch pounds.



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