



RS6-42 RS8-42 RS8-44

GEHL

Form No.

913273

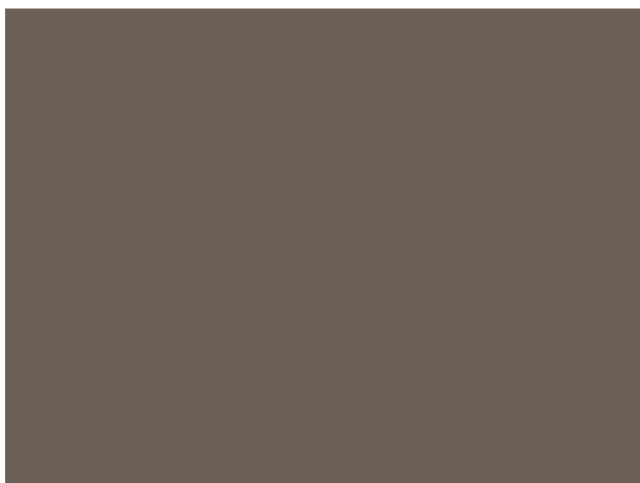
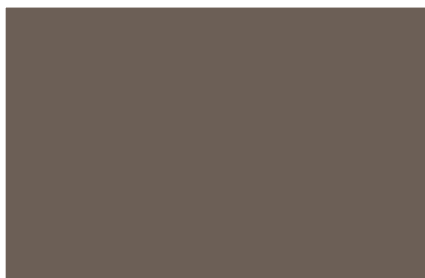
Revision B
February 2008

Telescopic Handlers

For machines with the following serial numbers:

RS6-42; SN 14235 and up

RS8-42/44; SN 16766 and up



Parts Manual

Introduction

RS6-42/RS8-42/44

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 the machine.

The Table of Contents pages list the page locations of various component groups on the machine.

When ordering service parts, specify the part number, full description, quantity required, and the unit model and serial number.

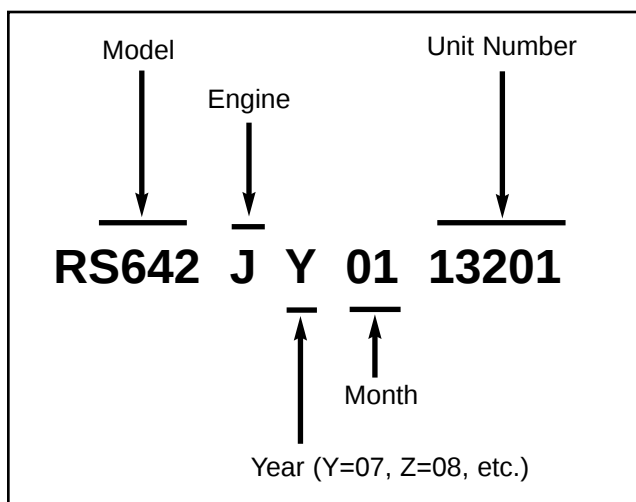
Model and serial numbers for this unit are stamped on a plate located inside the operator's station. The serial number is also stamped on the top front of the frame. The following reference shows the breakdown of the serial number:

“Right” and “left” are determined from a position standing behind the unit and facing the direction of travel.

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

Grease fittings and common attaching hardware, such as cotter pins, set screws, woodruff keys, screws and nuts are included in the parts list, indented below the part they are associated with, but NOT illustrated, except where a particular routing or special fastening arrangement must be maintained. The hardware listed is for mounting purposes and is NOT included when the part is ordered for replacement.

Standard attaching hardware torque values are provided on the inside back cover. Unless otherwise specified, all capscrews are Grade 5, cadmium or zinc plated; hexagon nuts for Grade 5 capscrews or bolts are Grade 5.

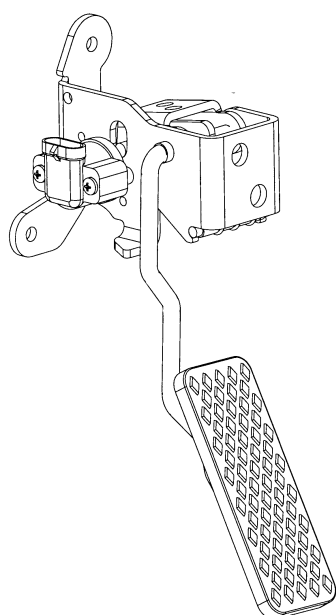




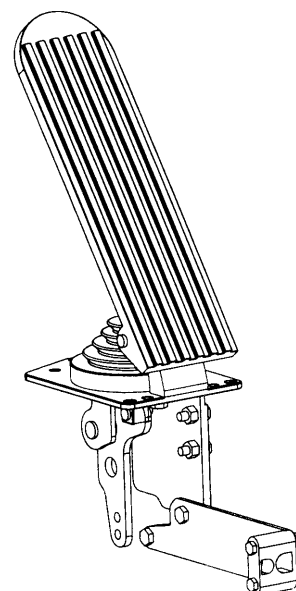
Telescopic Handler

Notes

NOTE: *There are two engine options for this model: 115 H.P. and 99 H.P. When ordering parts, be sure to note the reference to the engine on the pages that are dependent on the engine model. Machines equipped with an electronic throttle pedal have a 115 H.P. engine. Machines equipped with a manual throttle pedal have a 99 H.P. engine.*



Electronic Throttle
(115 H.P. Engine)



Manual Throttle
(99 H.P. Engine)



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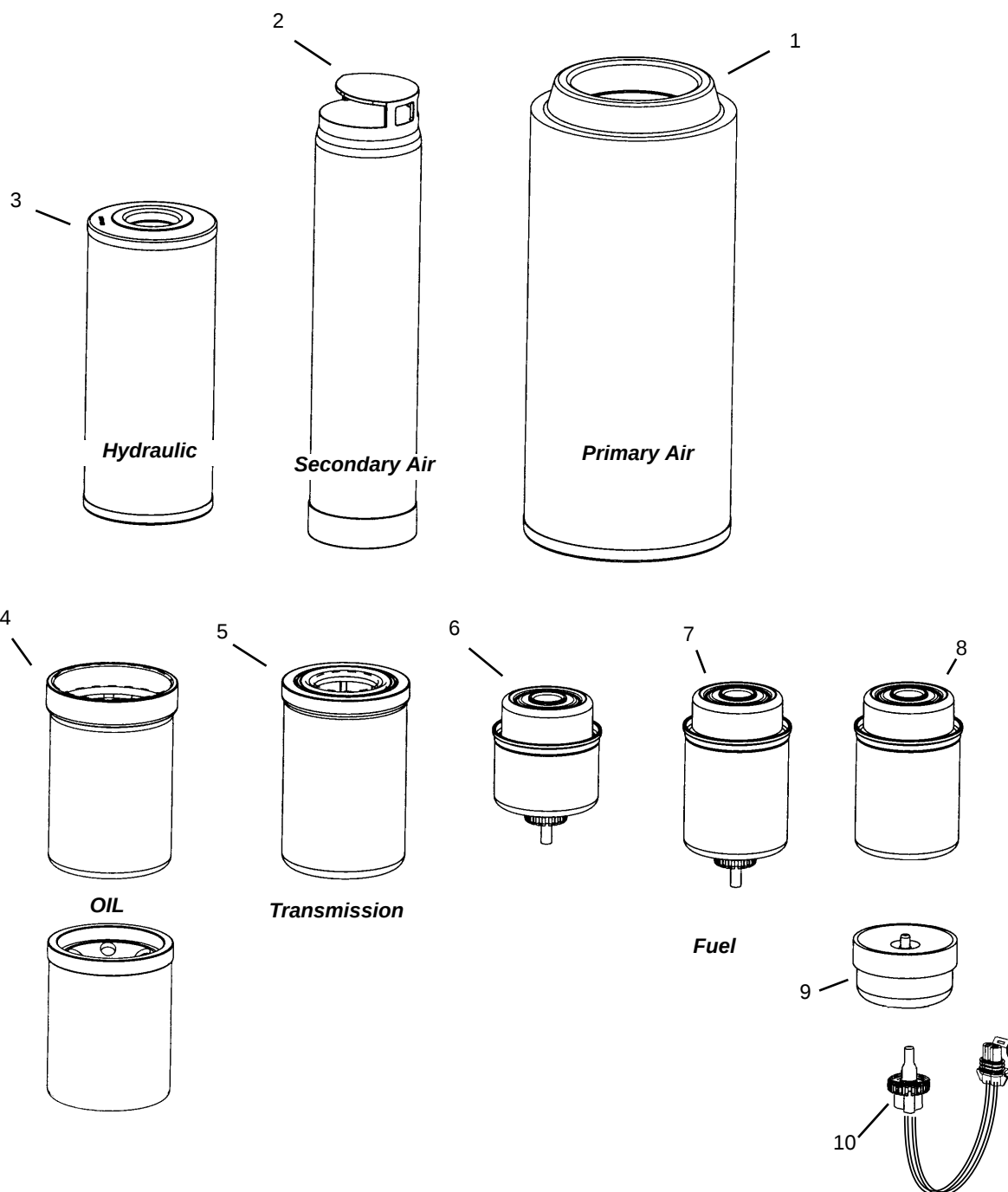
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Filters

All

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Filters

All

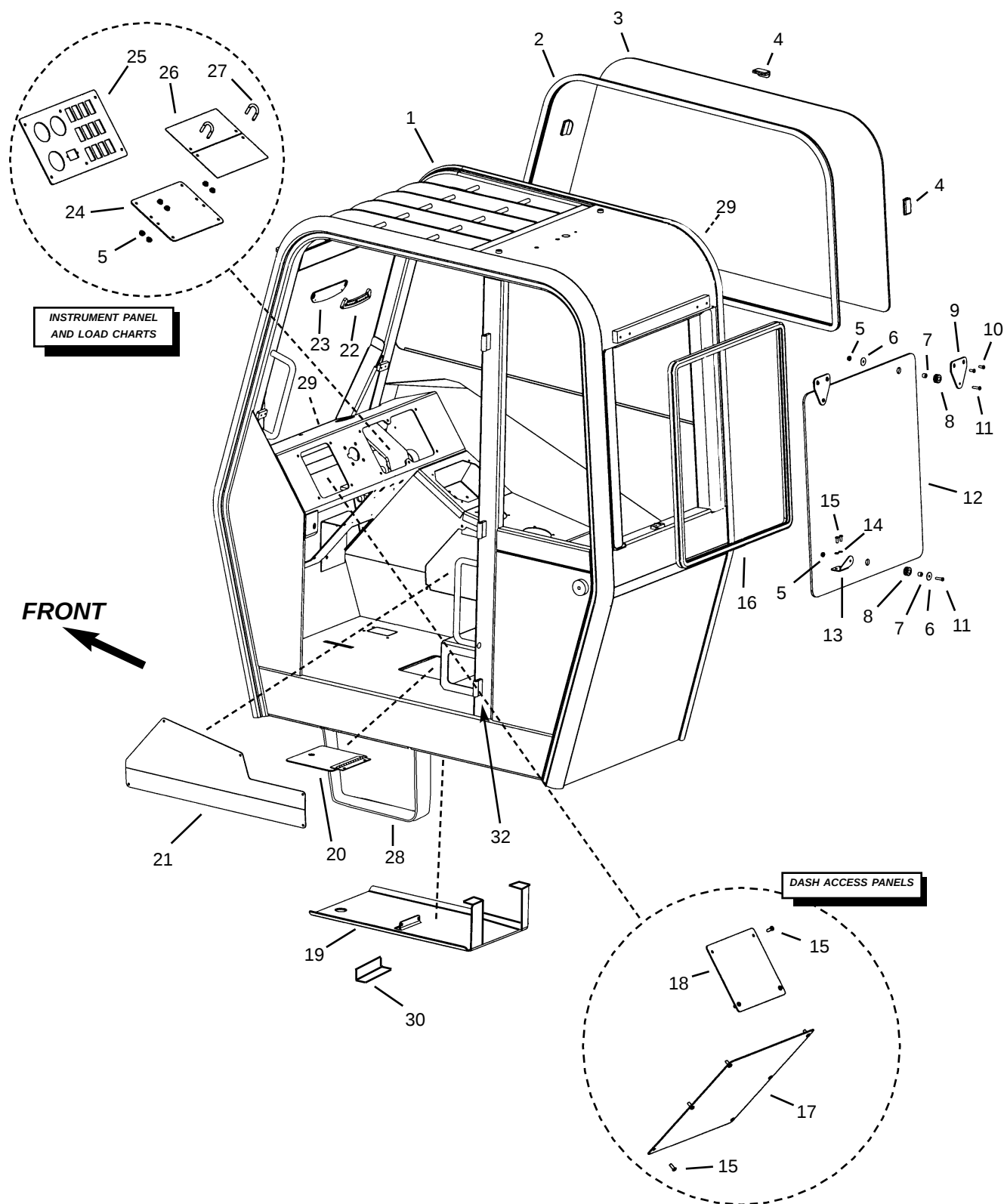
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105070	PRIMARY AIR FILTER (<i>outer</i>)	1	07 ^a	105795	FUEL FILTER (<i>115hp engine</i>)	1
	137498	<i>Note a</i>				(<i>secondary filter</i>)	
02	105071	SECONDARY AIR FILTER (<i>inner</i>) .	1	08 ^a	105794	FUEL FILTER (<i>115hp engine</i>)	1
	137501	<i>Note a</i>				(<i>primary filter</i>)	
03	L97489	HYDRAULIC FILTER.	1	09 ^a	105818	SEDIMENT BOWL.	1
04 ^c	102173	ENGINE OIL FILTER.	1			(<i>without water sensor</i>)	
05	L99184	TRANSMISSION FILTER	1	10 ^a	105819	WATER SENSOR	1
06 ^b	L98978	FUEL FILTER (<i>99hp engine</i>)	1				
				<i>a</i>	<i>Units equipped with a 115 H.P. engine.</i>		
					<i>(electronic throttle pedal)</i>		
				<i>b</i>	<i>Units equipped with a 99 H.P. engine.</i>		
					<i>(manual throttle pedal)</i>		
				<i>c</i>	<i>Use dust seal P/N 102742 as needed</i>		



Cab

Standard Cab

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Telescopic Handler

Cab
Standard Cab

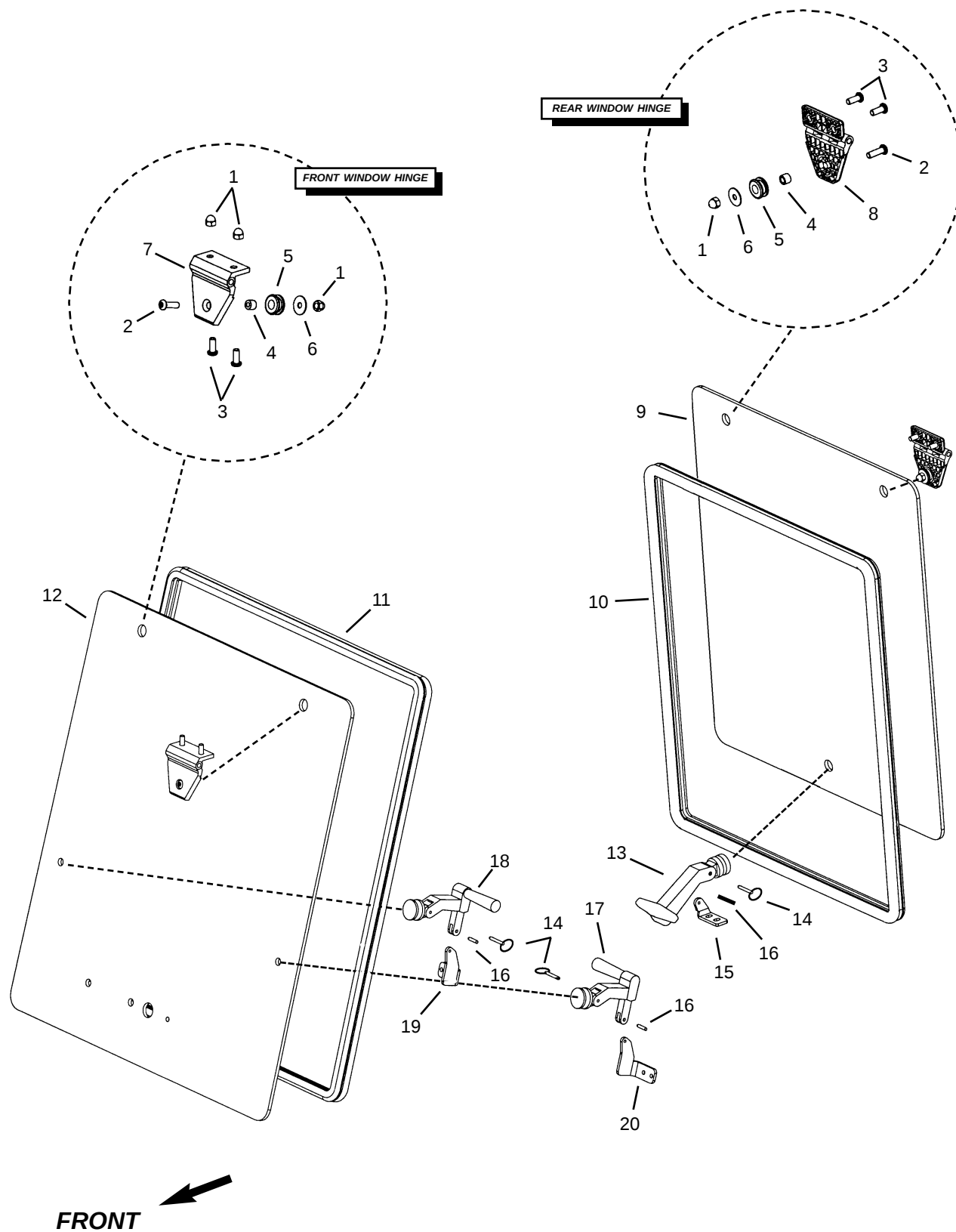
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^d	102559	CAB WELDMENT	1	25	Note b	PANEL, DASH	1
02	102707	BULB SEAL, RIGHT WINDOW . . .	1	26 ^c	L63634	LOAD CHART PLATE (<i>metal</i>)	2
03	102683	GLASS, RIGHT HAND	1		L69402	LOAD CHART PLATE (<i>plastic</i>) . .	AR
	103674	SCREEN, RIGHT HAND (<i>option</i>)		27	L63887	1/4"-20 U-BOLT	1
04	L500057	CLIP, WINDOW	3	28	102491	ACCESS STEP (<i>weld on</i>)	1
	L500055	SCREW, FLANGE	6	29	103188	GROMMET, 5/8"	AR
05	L50051	1/4"-20 WHIZ LOCK NUT	AR	30	103371	BRACKET	1
06	L500022	WASHER, FLAT (<i>black</i>)	3	32	L61067	HINGE TUBE (<i>weld on</i>)	3
07	L500020	BUSHING, NYLON	3			(<i>when equipped with door option</i>)	
08	L500021	GROMMET, 1/2"ID X 1/4"GROOVE	3				
09	102880	MOUNT, REAR GLASS UPPER . . .	2				
10	L52025	5/16"-18X3/4" BUTT. HD BOLT . .	4				
11	L52024	1/4"-20X1" BUTT. HD BOLT	3				
12	102684	GLASS, REAR	1	00	104688	PLUG, BLACK 5/8"	AR
13	102881	MOUNT, REAR GLASS LOWER . .	1	00 ^a	L63813	HOLE PLUG, 2-1/2" DIA	1
14	L50139	1/4" LOCK WASHER	2			(<i>defroster hole in dash</i>)	
15	L50202	1/4"-20X5/8" BUTT. HD BOLT . .	AR	00	L54002	TREAD STRIP, 6" WIDE	4 feet
16	102708	BULB SEAL, REAR WINDOW . . .	1				
17 ^a	102728	PANEL, HEATER	1	a		Use when not equipped with a heater.	
18 ^a	102727	PANEL, DASH COVER	1	b		Refer to "Instrument Panel and Switches" section for information regarding switches and gauges.	
19	103389	SKID PLATE, BOTTOM (<i>new style</i>)	1	c		Refer to decal section for load chart decals.	
	090666	3/8" WHIZ LOCK NUT	2				
	654024	5/16" LOCK WASHER	2				
	650486	5/16"-18X3/4" BOLT	2	d		If ordering a replacement cab that is equipped with a cab enclosure (all the windows and door), it will also be necessary to order replacement front window hold-open brackets PN 104973 and PN 104974. Refer to the next page for more information.	
20	102778	WLDMNT, BRAKE CYL COVER . . .	1				
21	102657	COVER, HYD. CONTROLLERS . . .	1				
	101550	1/4"-20X3/4" SCREW, PHILP HD. .	5				
22	L66011	INDICATOR/FRAME LEVEL	1				
	L50417	#8-32X1" SCREW	2				
23	L69297	PLATE, INCLMT MOUNT	1				
	L52025	5/16"-18X3/4" BUTT. HD BOLT . .	4				
24	102692	COVER, FUSE PANEL	1				
	101550	1/4"-20X3/4" SCREW, PHILP HD. .	4				



Cab

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Front and Rear Window (Enclosed Cab)





Telescopic Handler

Cab

Front and Rear Window (Enclosed Cab)

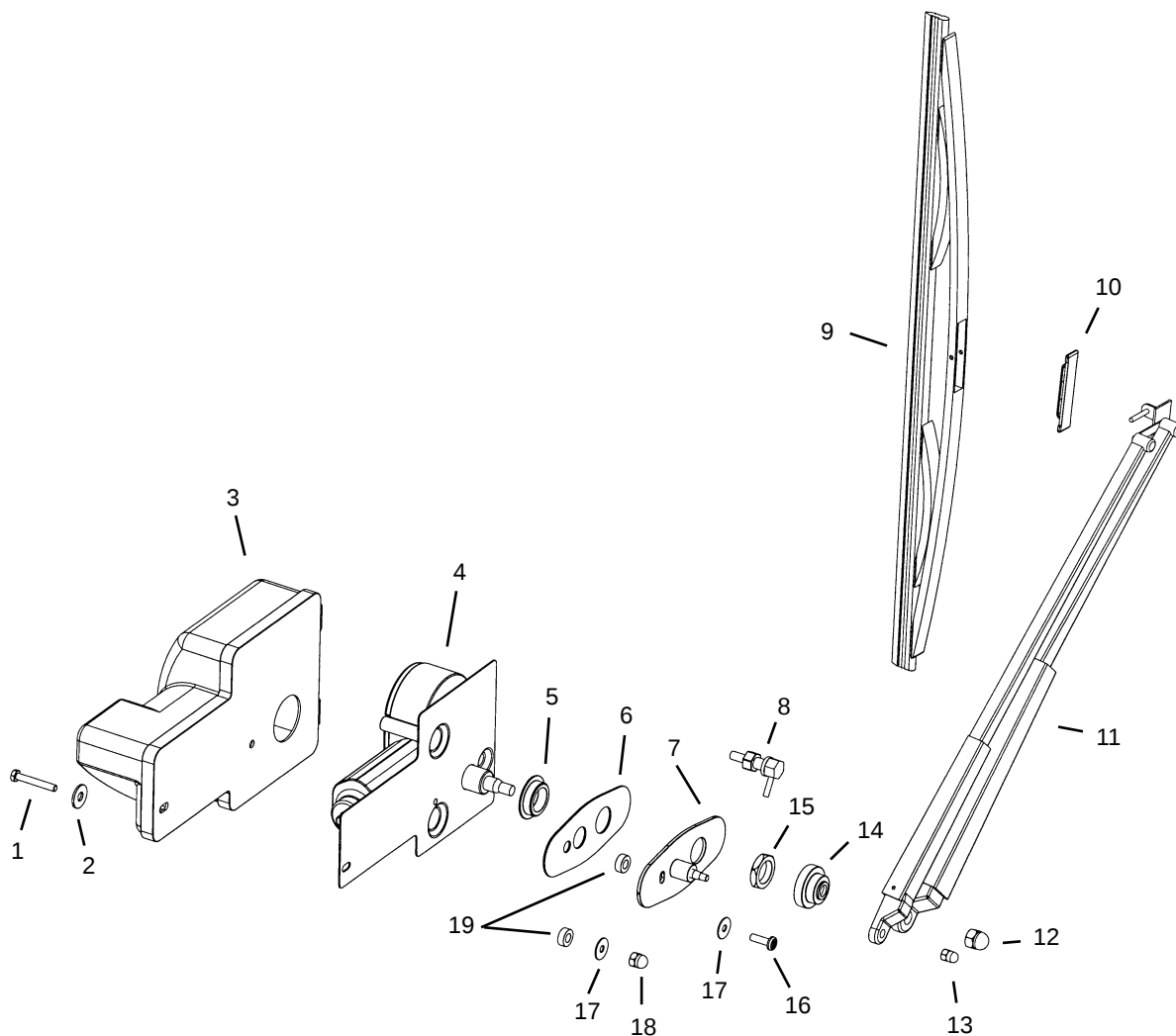
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500038	5/16"-18 ACORN NUT	AR	15	104846	MOUNT, REAR WINDOW LATCH .	1
02	651639	5/16"-18X1" BUTTN HD BOLT	4	16	L500019	PIN, ROLL - 3/16"x1/2"	3
03	651640	5/16"-18X3/4" BUTTN HD BOLT . . .	8	17	L500028	HOLD OPEN, L-STYLE.	1
04	L500042	BUSHING, STEEL	4	18	L500027	HOLD OPEN, L-STYLE.	1
05	L500021	GROMMET, 1/2"IDX1/4"GROOVE .	6	19	104974	MOUNT, WIND. HOLD OPEN (RH)	1
06	651641	5/16" FLAT WASHER (BLACK)	4	20	104973	MOUNT, WIND. HOLD OPEN (LH).	1
07	L500111	HINGE, FRONT WINDOW	2	-- ITEMS NOT SHOWN -- (Hardware for window hold open brackets)			
08	L500024	HINGE, PLASTIC (<i>rear window</i>) . .	1				
09	102684	GLASS, REAR.	1	00	650863	1/4" FLAT WASHER	AR
10	102708	BULB SEAL, REAR GLASS	1	00	654002	1/4" LOCK WASHER.	AR
11	102706	BULB SEAL, FRONT GLASS	1	00	L50202	1/4"-20X5/8" BUTTN HD BOLT . .	AR
12	102682	GLASS, FRONT	1				
13	101727	HOLD OPEN, T-STYLE.	1				
14	L500025	PIN, QUICK DETACH	4				



Cab

RS6-42/RS8-42/44

Wipers - Front and Top (Enclosed Cab)



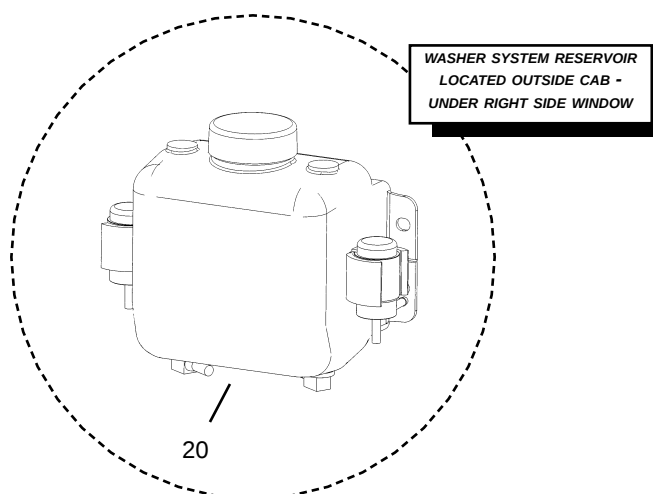


Telescopic Handler

Cab

Wipers - Front and Top (Enclosed Cab)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
Note: unless otherwise indicated, all parts are used on both front and top glass.				16	L500711	SCREW / M5 16mm	1
				17	101717	WASHER, #10 WEATHERTITE . . .	2
				18	L500004	NUT/ACORN #10-24 BLK	1
01	L500718	BOLT / 10-24x1.25 HEX GR5	1	19 ^c	L500694	BUSHING / NYLON	2
02	L500001	WASHER/BLK NYLON	1	20	101495	BOTTLE, DUAL -PUMP WASHER .	1
03	L500696	COVER WIPER MOTOR.	1				
04	L500695	WIPER MOTOR / TRICO	1	-- ITEMS NOT SHOWN --			
05 ^c	L500708	TOWER SEAL / TRICO WIPER . . .	1	(Windshield Wiper Harness)			
06	L500701	GASKET / PANTO ADAPTER	1	00	103179	HARNESS, TOP WIPER	1
07	L500719	PANTO ADAPTER PLATE.	1	00	103180	HARNESS, FRONT WIPER	1
08	L500099	ADAPTER/WET ARM	1				
09	102913	WIPER BLADE , 16"	1	(Windshield Washer System)			
10	L500707	ADAPTER / PIN LOCK	1	00	102925	HARNESS, WASHER BOTTLE . . .	1
11		WIPER ARM	1	00	103013	TUBING, WASHER (15-1/2')	1
	L500702	Note a					
	102912	Note b					
12	L500700	M8 / ACORN NUT	1	a	Used for front window		
13	L500706	M5 / ACORN NUT	1	b	Used for top window		
14	L500709	RAIN SHIELD	1	c	Not used on top window		
15	L500697	M18 / NUT	1				

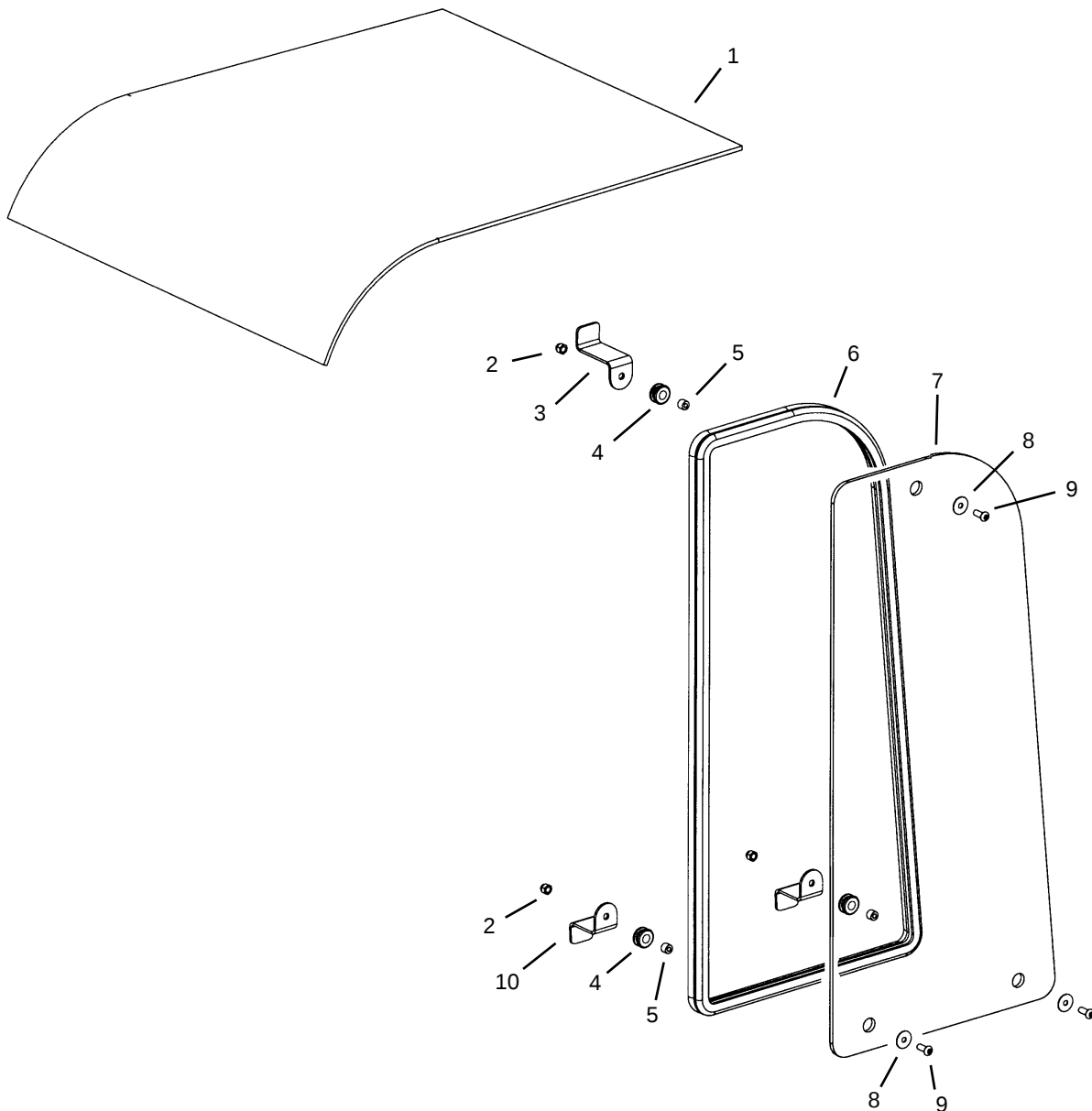




Cab

RS6-42/RS8-42/44

Top and Left Window (Enclosed Cab)





Telescopic Handler

Cab

Top and Left Window (Enclosed Cab)

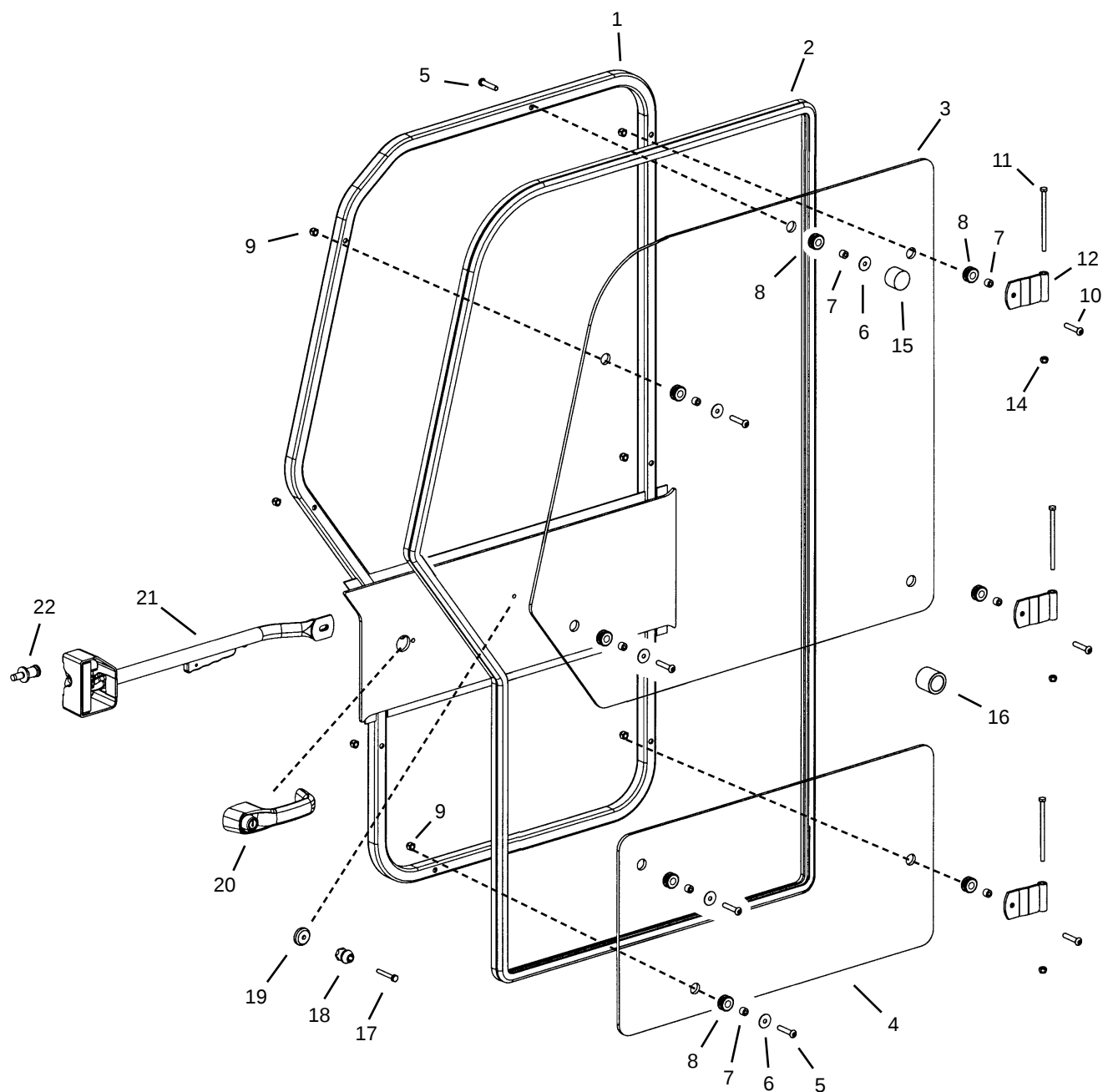
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	102686	GLASS, TOP	1	-- ITEMS NOT SHOWN --			
02	L500038	5/16"-18 ACORN NUT	AR	00 ^b	105149	TOP GLASS FILLER	1
03	102711	WINDOW MOUNT, UPPER.	1				
04	L500021	GROMMET, 1/2"IDX1/4"GROOVE .	3	a	Use PN L500607 adhesive kit to attach top glass to cab.		
05	L500042	BUSHING, STEEL	4				
06	102709	BULB SEAL, LEFT GLASS	1	b	Used to reduce gap between cab and top glass at front top of the cab; use adhesive L500607 to secure to cab and seal top glass.		
07	102685	GLASS, LEFT REAR.	1				
08	651641	5/16" FLAT WASHER (BLACK). . . .	4				
09	651639	5/16"-18X1" BUTTN HD BOLT	4				
10	102712	WINDOW MOUNT, LOWER	2				



Cab

Door (Enclosed Cab)

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FRONT



Telescopic Handler

Cab Door (Enclosed Cab)

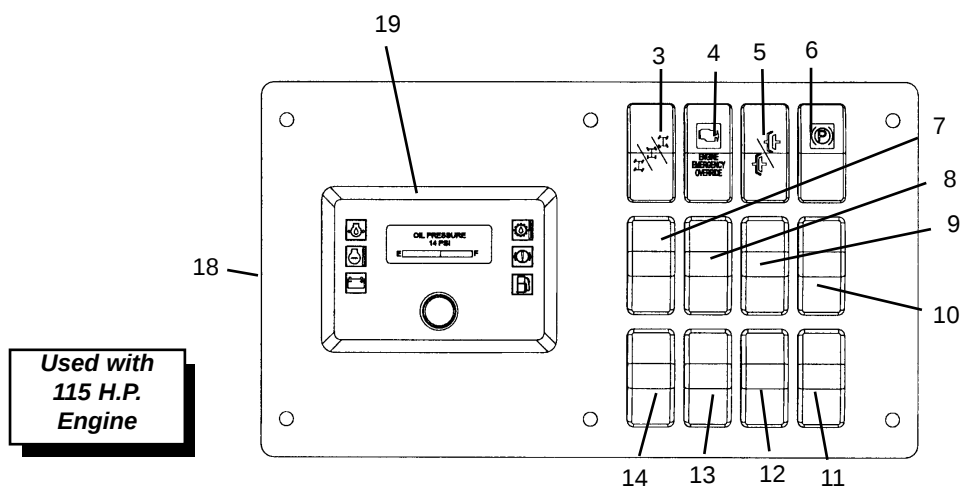
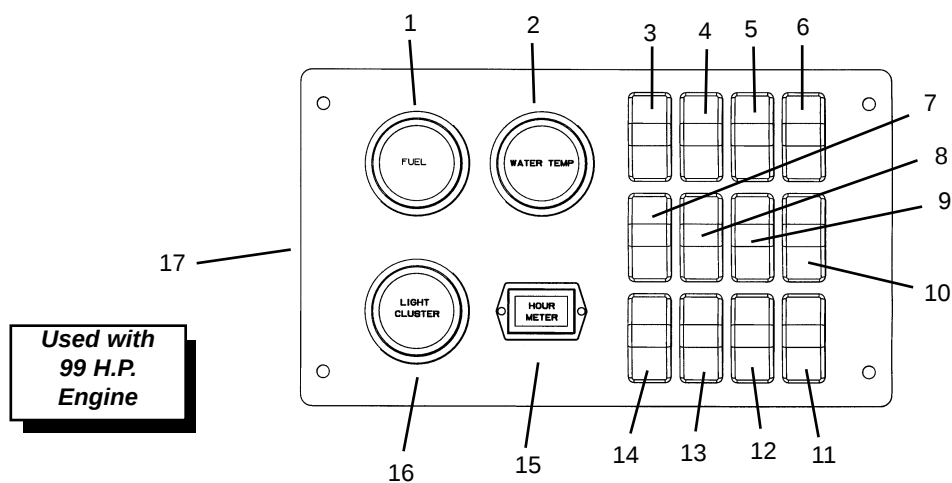
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	103014	CAB DOOR 1 (includes items 1-10, 12 and 15)				(includes item #18) [mounts to cab]	
01	102874	WELDMENT, CAB DOOR FRAME . 1		17	650588	1/4"-20x1-1/2" BOLT 1	
02	102705	BULB SEAL, DOOR FRAME 1		18	NSS	HOLD OPEN/DOOR STUD. 1	
03	102680	GLASS, UPPER DOOR 1				(included with item #16 as a set)	
04	102681	GLASS, LOWER DOOR 1		19	101719	GLASS MOUNT 1	
05	651638	5/16"-18X1-13/4" BUTTN HD BOLT 5		20	102948	HANDLE, EXT. DOOR LOCKING . 1	
06	651641	5/16" FLAT WASHER (BLACK) . . . 5			101792	KEY ONLY 1	
07	L500042	BUSHING, STEEL 8		21	102886	LATCH RELEASE, INTERIOR . . . 1	
08	L500021	GROMMET, 1/2"IDX1/4"GROOVE . 8			651635	1/4-20X1-1/4" FLAT HD SCREW . 2	
09	L500038	5/16"-18 ACORN NUT (BLACK) . . 8			L50202	1/4-20X5/8" BUTTN HD BOLT . . . 1	
10	651643	5/16"-18X2" BUTTN HD BOLT . . . 3			651636	M6-1X12 8.8 BOLT. 2	
11	650730	3/8"-16X5" BOLT 3			L500022	FLAT WASHER (BLACK) 1	
12	102901	WELDMENT, DOOR HINGE 3			L520003	1/4"-20 NYLON INSERT NUT 2	
13	N/A				L70069	1/2" HOLE PLUG 2	
14	067847	3/8"-16 NYLON INSERT NUT 3		22	101436	STRIKER 1	
15	102928	BUMPER, DOOR 1			654028	7/16" LOCK WASHER 1	
16	L500036	HOLD OPEN/DOOR (SET) 1			654046	7/16" FLAT WASHER 1	
					L70979	7/16"-14 NUT 1	



Cab

RS6-42/RS8-42/44

Instrument Panel and Switches





Telescopic Handler

Cab

Instrument Panel and Switches

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^{bc}	L63640	GAUGE, FUEL	1	17 ^b	102882	PANEL, DASH (Does not include switches or gauges.)	1
02 ^{bc}	L66437	GAUGE, WATER TEMP.	1	18 ^a	105636	PANEL, DASH (Does not include switches or gauges.)	1
03	L71075	SWITCH, STEER MODE.	1	19 ^a	105554	DISPLAY, CAN & INSTRUMENTS .	1
04	101278	SWITCH, ENGINE FAULT.	1				
05	L71086	SWITCH, CLUTCH CUT OUT. . . .	1				
06	L71074	SWITCH, PARK BRAKE	1				
07	L71082	SWITCH, LIGHTS	1				
08	L71084	SWITCH, TURN SIGNALS	1				
09	L71077	SWITCH, HAZARD LIGHTS	1				
10	L71691	SWITCH, PWP	1				
11	L71083	SWITCH, STROBE LIGHT	1				
12	L71081	SWITCH, ETHER	1				
13	L71076	SWITCH, WIPER/WASHER	1				
14	L71076	SWITCH, WIPER/WASHER	1				
15 ^b	072340	GAUGE, HOUR METER	1				
16 ^{bc}	L63610	GAUGE, LIGHT CLUSTER	1				

a Units equipped with a 115 HP Tier III engine.
(electronic throttle pedal)

b Units equipped with a 99 HP Tier II engine.
(manual throttle pedal)

c Back light kit #103227; for illuminating gauges.

Note: Switches shown in the illustrations or listed on this page are for reference purposes only. Your machine may be configured differently.

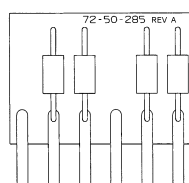
Note: Use PN L71088 Switch Hole Plug to cover switch hole when switches are not present.



Cab

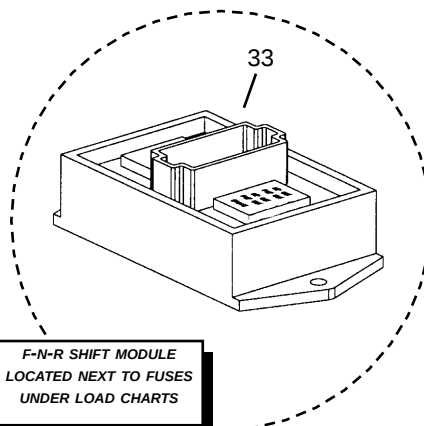
Fuses, Wire Harnesses and Electrical

RS6-42/RS8-42/44

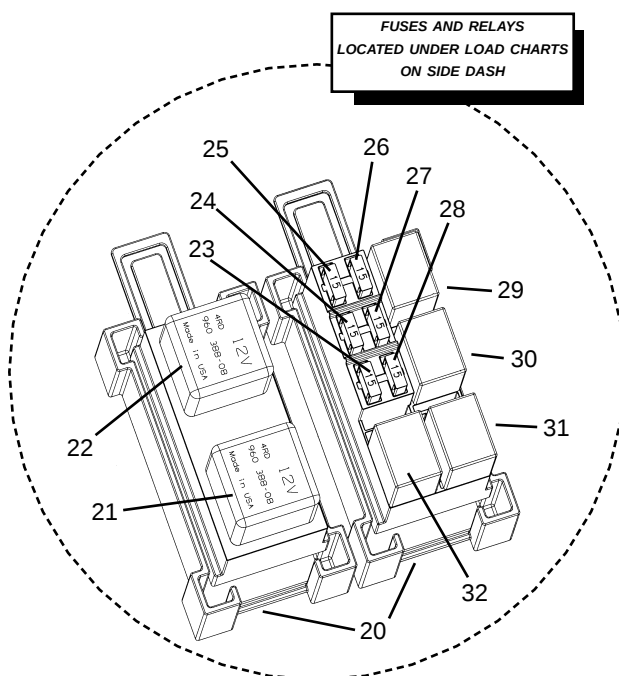


103104
DIODE PACK - FRAME
HARNESS - LOCATED
NEAR TRANSMISSION

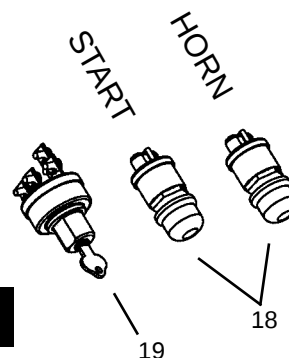
34



F-N-R SHIFT MODULE
LOCATED NEXT TO FUSES
UNDER LOAD CHARTS



FUSES AND RELAYS
LOCATED UNDER LOAD CHARTS
ON SIDE DASH



SWITCHES LOCATED
ON LOWER DASH

FUSE AND RELAY REFERENCE

21	(Relay #2) - Change-over relay - PARK BRAKE
22	(Relay #1) - Change-over relay - IGNITION
23	(Fuse #2) - 15 AMP fuse - (IGNITION) - transmission, park brake, PWP, steer select, injector
24	(Fuse #4) - 25 AMP fuse - (IGNITION) - heater, gauges
25	(Fuse #6) - 25 AMP fuse - (IGNITION) - front wiper motor
26	(Fuse #5) - 25 AMP fuse - (IGNITION) - top wiper motor
27	(Fuse #3) - 15 AMP fuse - (IGNITION) - lights, ether, clutch cutout
28	(Fuse #1) - 15 AMP fuse - (BATTERY) - ignition switch, horn, brake lights, backup alarm
29	(Relay) - 20 AMP micro relay - top wiper
30	(Relay) - 20 AMP micro relay - lights
31	(Relay) - 20 AMP micro relay - bulb check
32	(Relay) - 20 AMP micro relay - front wiper



Telescopic Handler

Cab

Fuses, Wire Harnesses and Electrical

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
18	L41848	SWITCH, PUSH BUTTON.	2	--ITEMS NOT SHOWN --			
19	089069	SWITCH, IGNITION (<i>with keys</i>) . . .	1	(Wire Harness)			
	089070	KEYS ONLY (pair)	1	00 ^a	105571	ECU INTERFACE HARNESS	1
20	105620	FUSE BOX / CANOPY HARNESS . 1		00 ^a	105573	ELECT. THROTTLE HARNESS . . .	1
		(Includes fuse box housing, does not include fuses or relays).		00 ^{bd}	105618	INSTRUMENTS HARNESS (T2) . . .	1
21	L70075	CHANGE OVER RELAY	1	00	105620	CANOPY HARNESS	1
22	L70075	CHANGE OVER RELAY	1	00	102649	FNR SHIFTER HARNESS	1
23	103099	FUSE, MINI 15 AMP	1		102645	FRAME HARNESS	1
24	103221	FUSE, MINI 25 AMP	1		103104	DIODE PACK, 4 DIODES.	1
25	103221	FUSE, MINI 25 AMP	1			(located in front of transmission)	
26	103221	FUSE, MINI 25 AMP	1		L500225	60 AMP MAXI FUSE	1
27	103099	FUSE, MINI 15 AMP	1			(located near engine starter)	
28	103099	FUSE, MINI 15 AMP	1	(Miscellaneous)			
29	103100	MICRO RELAY, 20 AMP	1	00	L63894	TURN SIGNAL FLASHER.	1
30	103100	MICRO RELAY, 20 AMP	1			(located through joystick cover)	
31	103100	MICRO RELAY, 20 AMP	1	00	L41847	HORN	1
32	103100	MICRO RELAY, 20 AMP	1	00	L630004	GROUND STRAP	1
33	101877	MODULE, F-N-R SHIFTER.	1	(Strobe light - Option)			
34	103104	DIODE PACK, 4 DIODES	1	00	104952	STROBE / AMBER	1
		(part of frame wire harness)		00	104950	HARNESS/ STROBE UPPER.	1
				00	104951	HARNESS/ STROBE DASH	1
				00	L71083	SWITCH/ STROBE LIGHT	1
						(located in position #11 on dash)	

a Units equipped with a 115 HP Tier III engine.
(electronic throttle pedal)

b Units equipped with a 99 HP Tier II engine.
(manual throttle pedal)

c Not all connections or terminals are shown in this illustration. The fuse and relay blocks as shown are located under the load chart panel on the side dash.

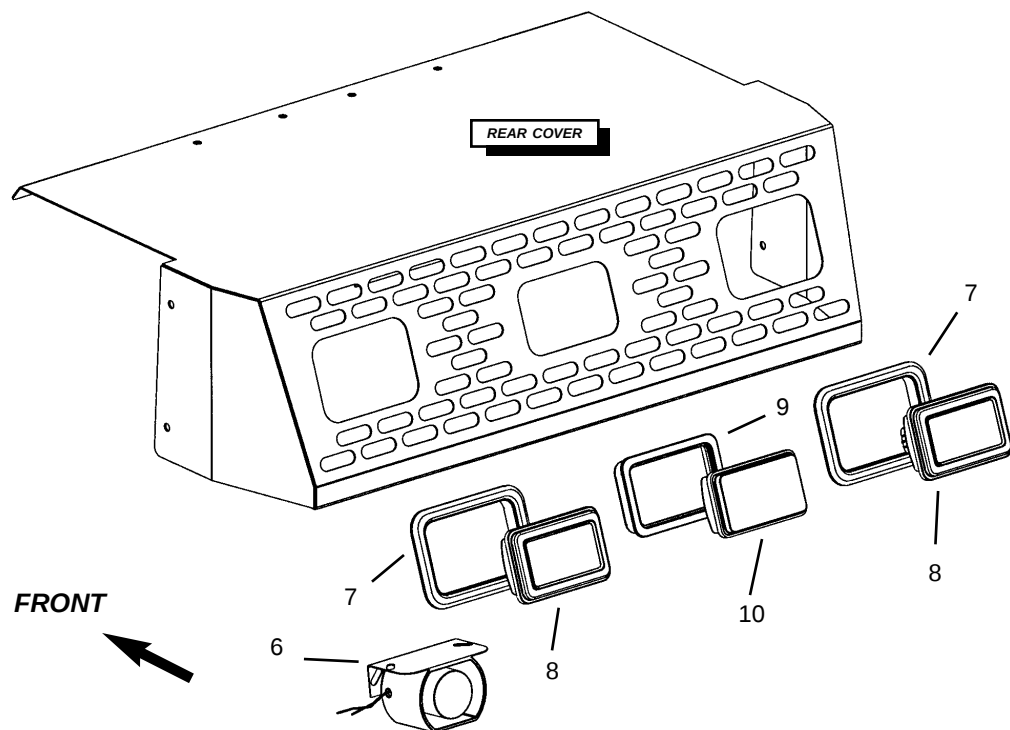
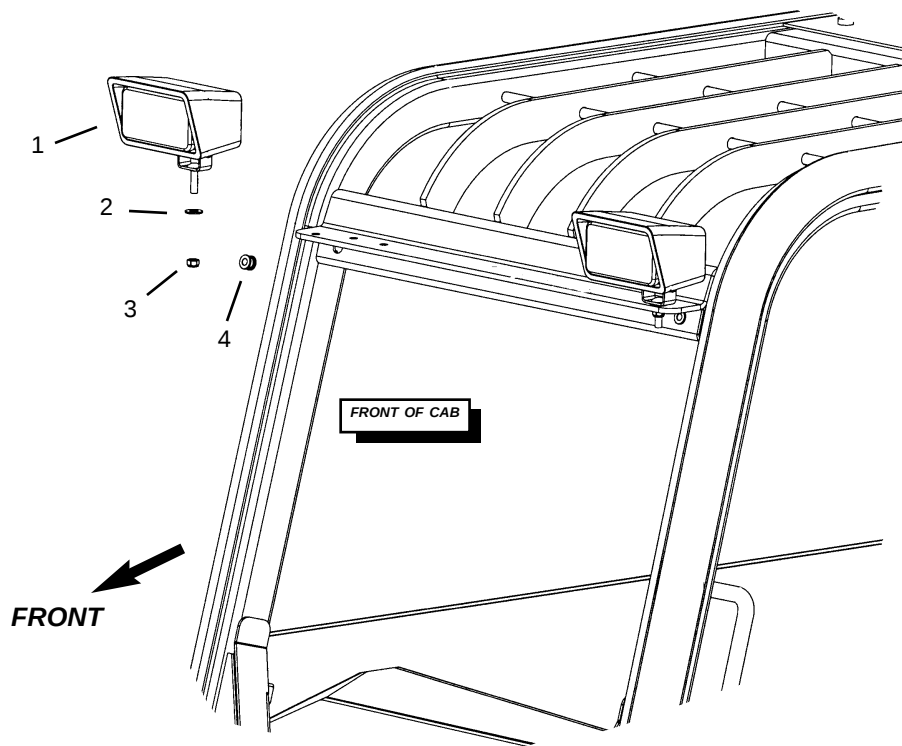
d Connects to canopy harness for machines with gauges (99 H.P. engines).



Cab

Front and Rear Lights

RS6-42/RS8-42/44





Telescopic Handler

Cab

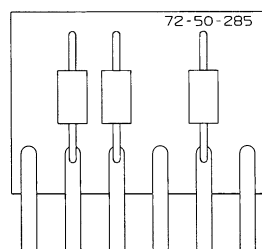
Front and Rear Lights

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L70039	HEAD LIGHT	2	-- ITEMS NOT SHOWN --			
02	L50145	3/8" FLAT WASHER	2	00 ^a	102647	WIRE HARNESS, REAR LIGHTS . .	1
03	L520005	3/8"-16 NYLON INSERT NUT	2	00 ^b	102572	HARNESS, LIGHT PACKAGE	1
04	101712	GROMMET, 5/8"	2			(dash to rear lights - includes the following diodes:)	
06	L70200	BACKUP ALARM	1		103101	DIODE PACK (see below)	1
	L50202	1/4"-20X5/8" BOLT, BTNHEAD . . .	2		L500748	DIODE PACK (see below)	1
	L50051	1/4"-20 FLANGE NUT	2		L500747	CLEAR COVER, DIODE PACK . . .	2
07	L500339	BEZEL, RUBBER	2			(see below)	
		(included with item 8)		00	L63894	TURN SIGNAL FLASHER	1
08	L70701	LIGHT, BRAKE/TURN	2			(located under dash through joystick access cover)	
		(includes item 7 bezel)		00	L70241	HARNESS, HEAD LIGHT	2
09	L500606	BEZEL, RUBBER	1			(dash to head lights)	
		(included with item 10)		00	103192	GROMMET, 13/16"	2
10	L71595	LIGHT, HALOGEN BACKUP	1			(under dash for head light harness)	
		(includes item 9 bezel)					
	100102	JUMPER WIRE, BACKUP LIGHT .	1				

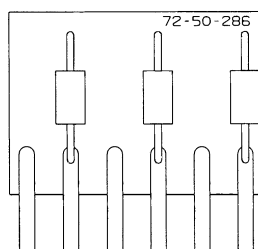
a Standard wire harness, used when not equipped with turn signals.

b Used with optional light package for units equipped with turn signals. Wire harness 102647 is not used when unit is equipped with turn signals.

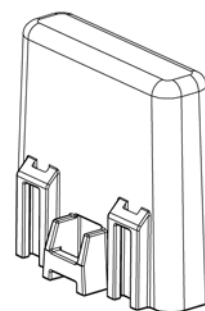
Note: Refer to the Outer Boom - Front Section for the work lights and wire harness associated with the boom.



103101
DIODE PACK
LOCATED NEAR
REAR LIGHTS

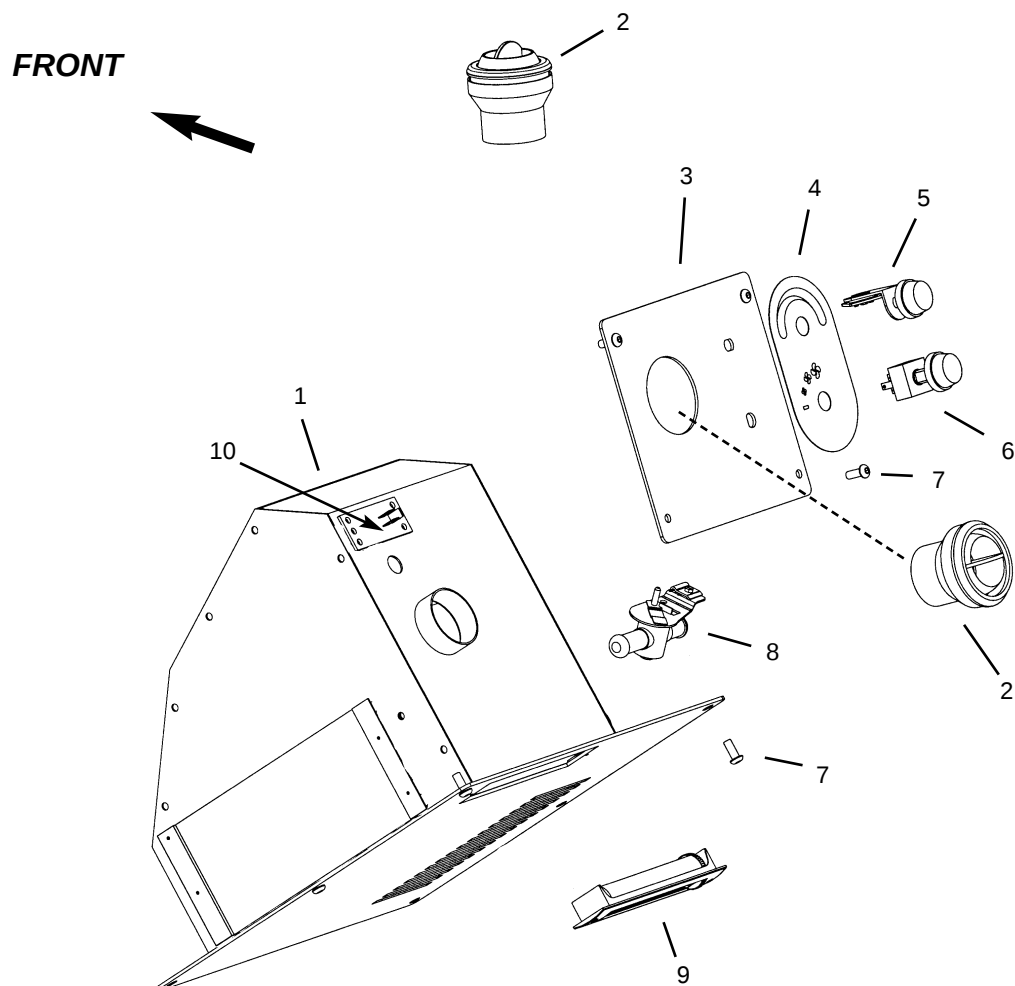


L500748
DIODE PACK
LOCATED UNDER DASH
NEAR SWITCHES



L500747
DIODE PACK
CLEAR COVER

RS6-42/RS8-42/44





Telescopic Handler

Cab
Heater

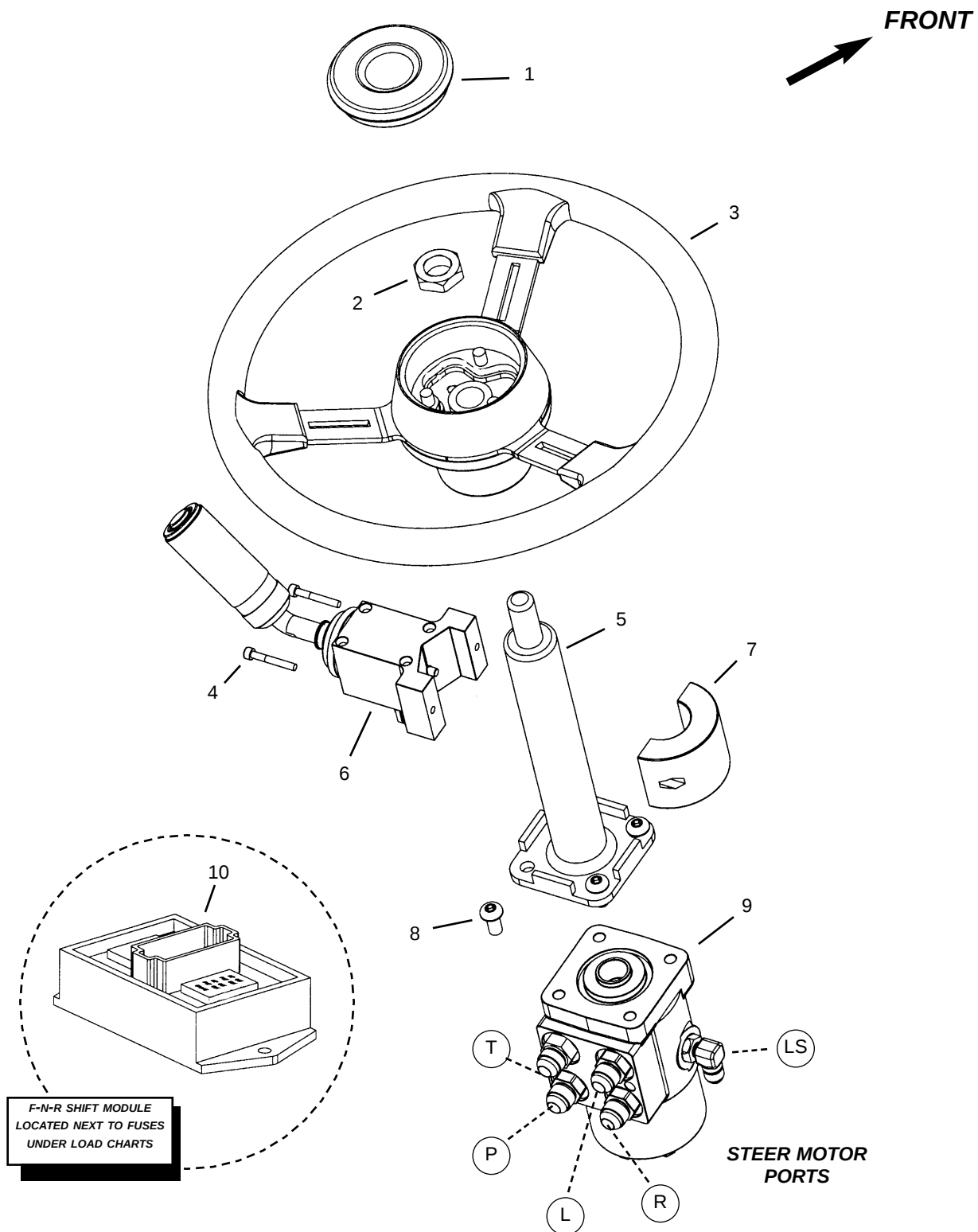
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102907	HEATER ASSEMBLY 1 <i>(Includes items 1-2; 5-9)</i>		06	136305	SWITCH, VARIABLE SPEED 1	
	103033	BLOWER MOTOR <i>(only)</i> 1		07	L50202	1/4"-20X5/8" BUTTN HD BOLT . . . 10	
02	L63545	GRILL, DEFROSTER 2		08	L500163	VALVE, WATER 1	
03	102944	INSTRUMENT PANEL 1		09	137503	LOUVER 1	
04	102945	DECAL, HEAT CONTROL 1		10	L500143	RESISTOR BLOCK 1	
05	103036	CONTROL, TEMPERATURE 1				-- ITEMS NOT SHOWN--	
	L99983	KNOB ONLY AR		00	NSS	5/8" HEATER HOSE (10') 1	
				00	L500161	HEATER HOSE CLAMP AR	



Cab

Steering Column Components

RS6-42/RS8-42/44





Telescopic Handler

Cab

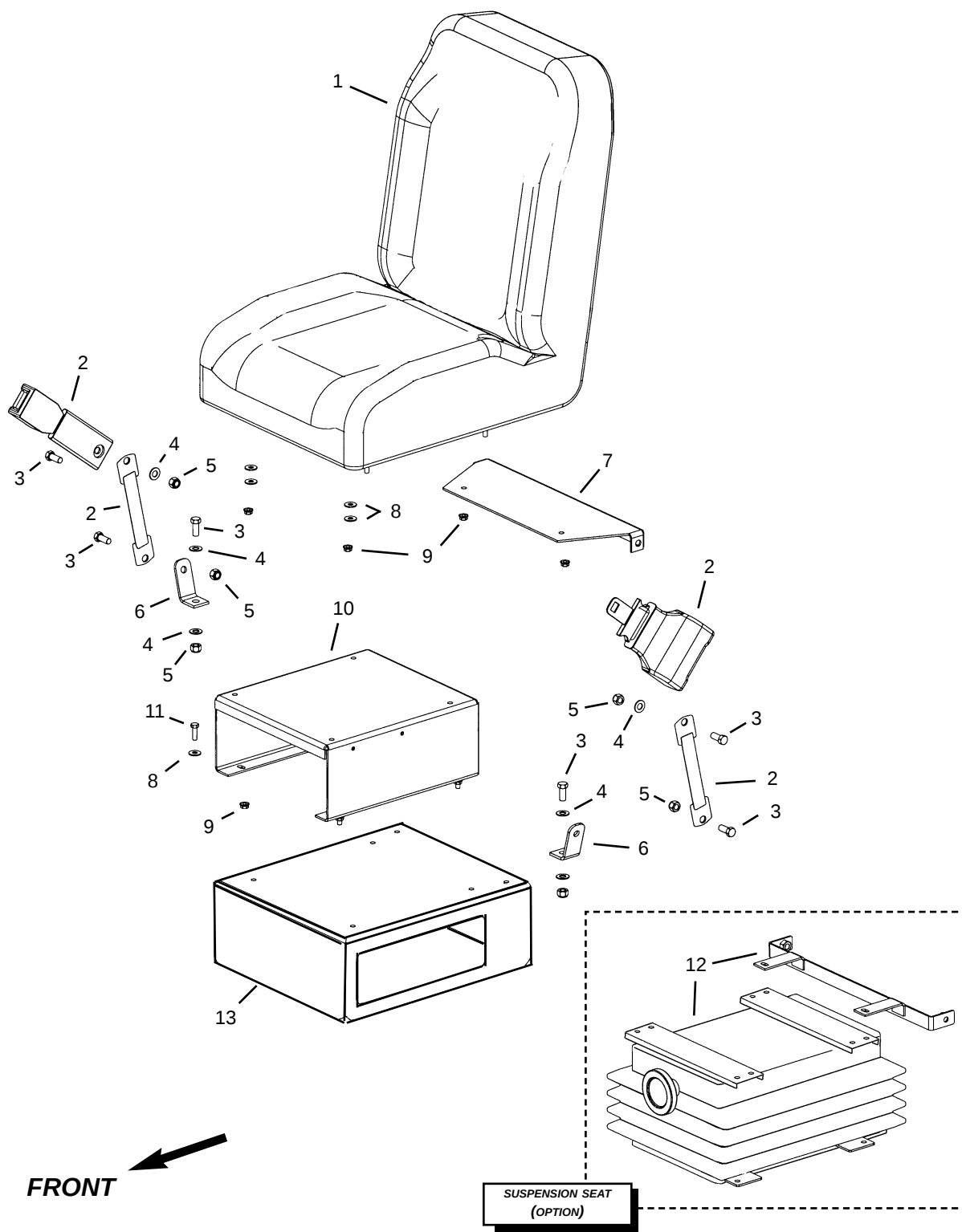
Steering Column Components

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	103359	CAP, STEERING WHEEL	1	08	L52026	3/8"-16X1-1/4" BUTTN HD BOLT . .	4
02	L41261	NUT, STEERING WHEEL	1	09	101880	MOTOR, STEER	1
03	L69595	STEERING WHEEL	1	10	101877	MODULE, F-N-R SHIFTER.	1
04	L50101	M5X.8X35mm HX SKTHD BOLT . .	2				
05	102783	COLUMN, STEERING.	1				
06	L68772	F-N-R/1-2-3 SHIFTER (<i>includes #7</i>)	1			-- ITEMS NOT SHOWN--	
	L99425	BOOT	1	00	102649	WIRE HARNESS, FNR SHIFTER. . .	1
07	105236	CLAMP, SHIFTER(<i>included w/ #6</i>) .	1				



Cab Seat

RS6-42/RS8-42/44





Telescopic Handler

Cab Seat

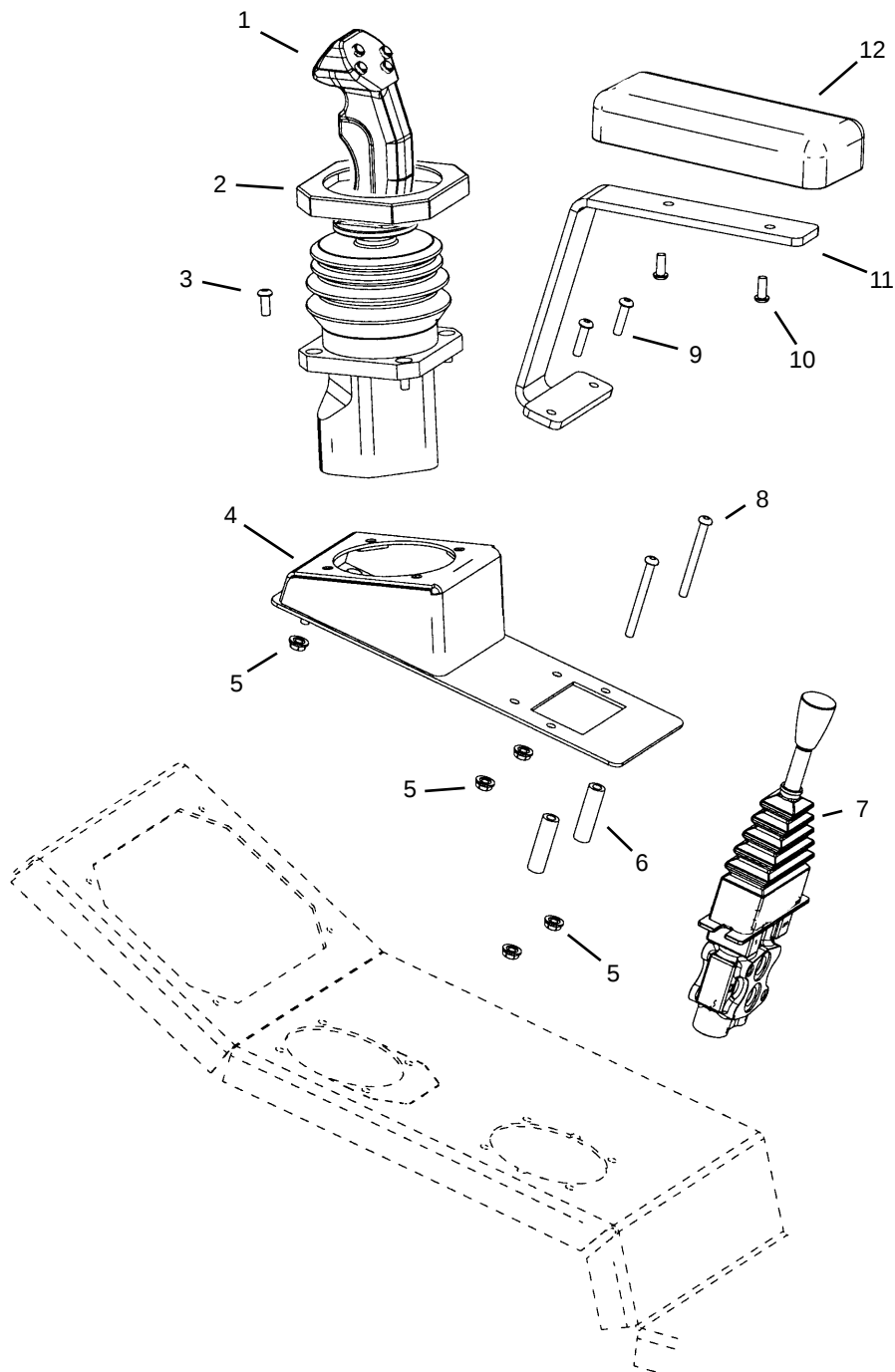
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	210170	SEAT	1	10 ^a	100071	SEAT RISER	1
02		SEAT BELT <i>(includes tethers)</i>	1	11	L50823	5/16"-18X1" BOLT	AR
	L70634	3" WIDE		12 ^b	L68496	BELLOWS, SUSPENSION SEAT . .	1
	210175	2" WIDE				<i>(includes seatbelt / tether bracket)</i>	
03	L510041	7/16"-20X1" BOLT	AR	13 ^c	103195	PEDESTAL / BOLT ON SEAT	1
04	L50196	7/16" FLAT WASHER	AR				
05	L50517	7/16"-20 NYLON INSERT NUT . .	AR	a		<i>Used for standard seat only. Not used with</i>	
06	L70212	BRACKET, TETHER	2			<i>suspension seat option.</i>	
07 ^a	L70201	MOUNT, SEAT BELT	1	b		<i>Used for suspension seat option only.</i>	
08	L50141	5/16" FLAT WASHER	AR	c		<i>Early units had the seat pedestal welded in and</i>	
09	L50056	5/6"-18 NYLON INSERT NUT . . .	AR			<i>were not removable.</i>	



Cab

RS6-42/RS8-42/44

Tri-Function Cab Components (Option)





Telescopic Handler

Cab

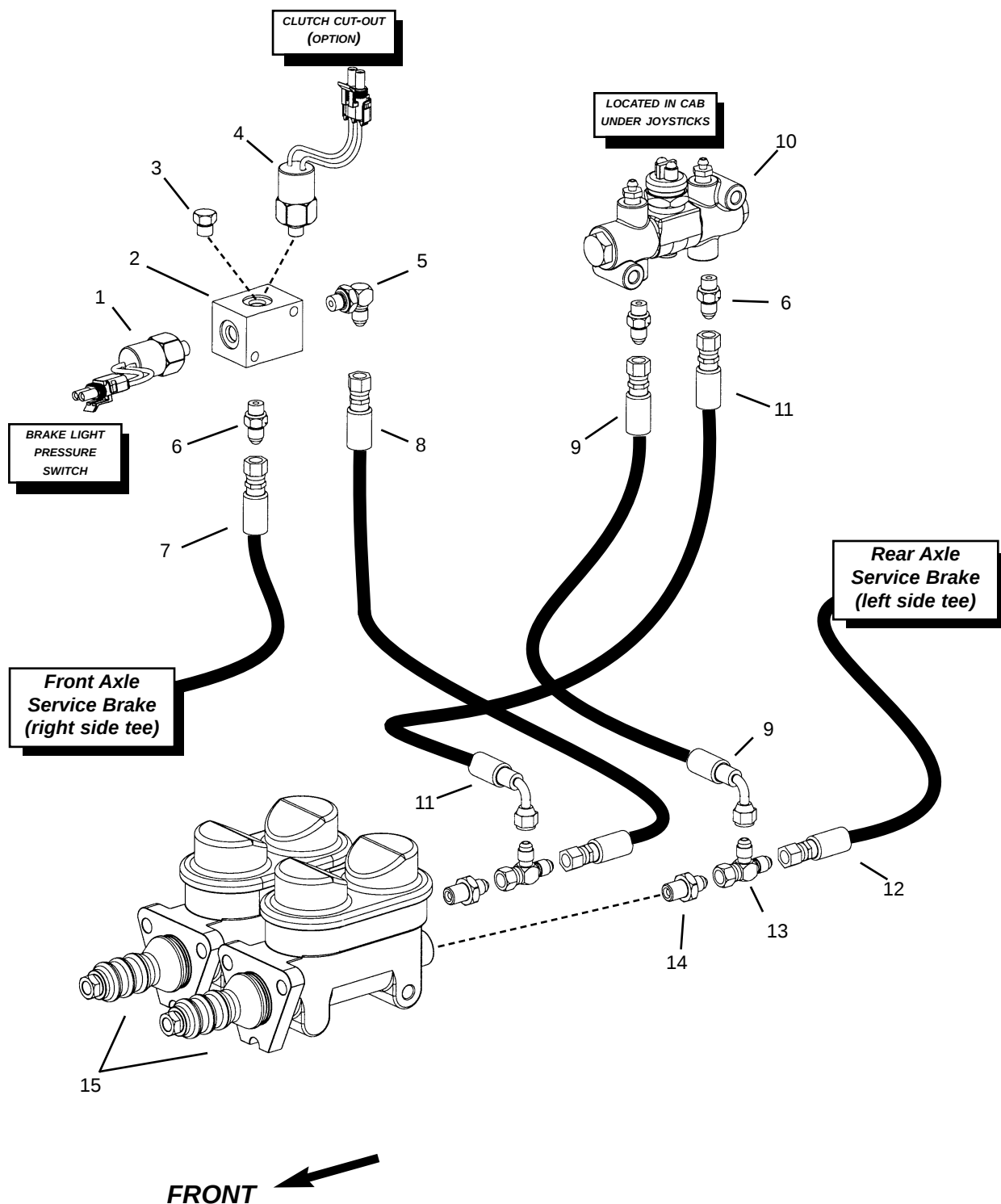
Tri-Function Cab Components (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, 4 BTN/W TRIG . . .	1	06	104214	SPACER, LEVEL CONTROLLER . .	1
02	104304	BEZEL, JOYSTICK	1	07	102435	CONTROLLER, LEVEL	1
		<i>(included with item 1)</i>		08	104219	1/4"-20X2-1/2" BTN HD BOLT	2
03	L50202	1/4"-20X5/8" BTN HD BOLT	AR	09	L52024	1/4"-20X1" BTN HD BOLT	2
04	103582	JOYSTICK MOUNT	1	10	L52024	1/4"-20X1" BTN HD BOLT	2
05	L50051	1/4"-20 FLANGE LOCK NUT	AR	11	103708	BRACKET, ARM REST	1
				12	L69756	PAD, ARM REST	1



Cab Brake Valve

RS6-42/RS8-42/44





Telescopic Handler

Cab Brake Valve

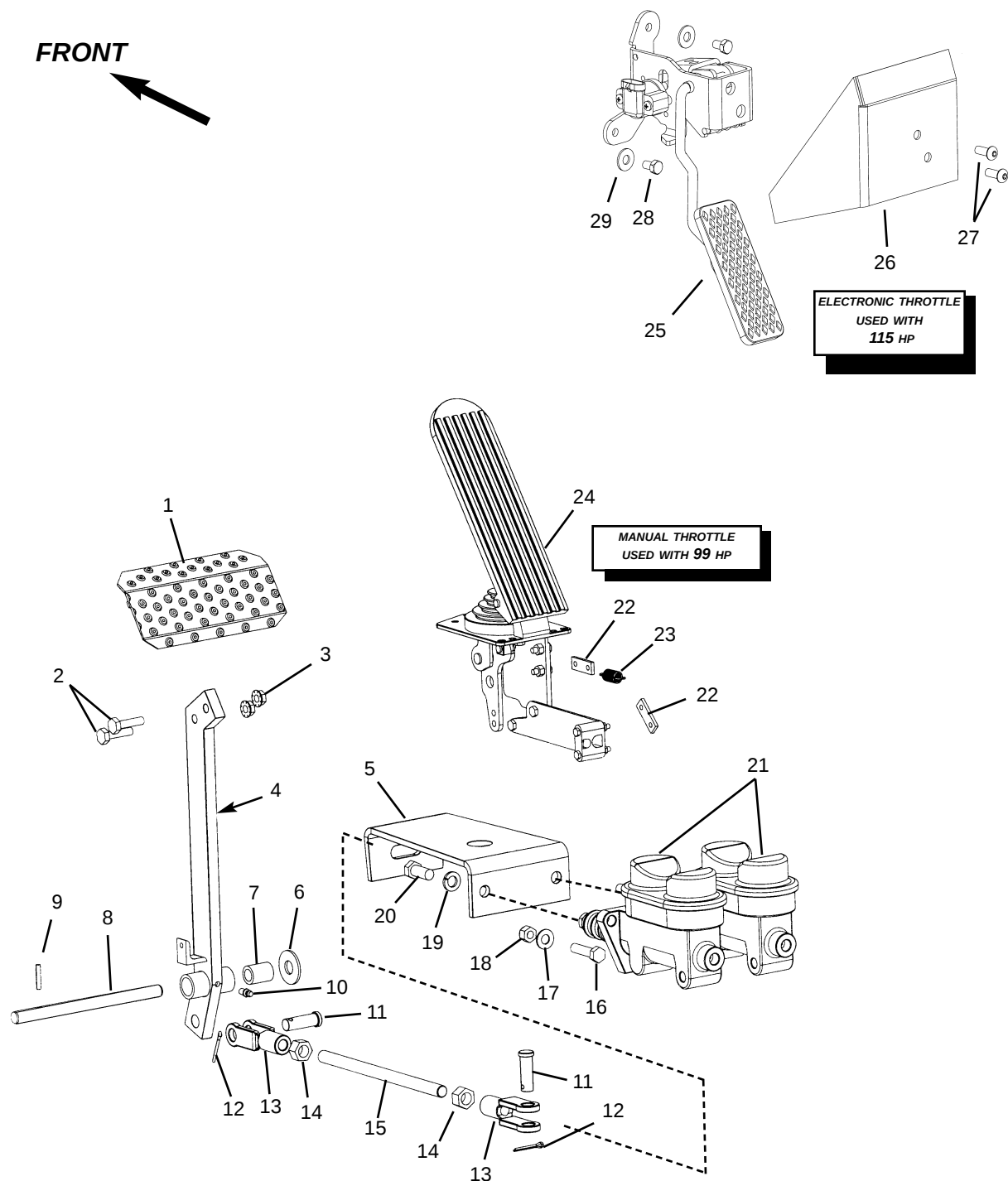
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104428	SWITCH, PRESSURE 150 PSI. . . . 1				-- ITEMS NOT SHOWN--	
02	L70428	MANIFOLD, BRAKE LINE. 1		00	L66162	WIRE, 16ga. 6" 1	
03 ^b	L60986	PLUG, -4ORM SAE 1				(ground wire for item #20)	
04 ^a	104428	SWITCH, PRESSURE 150 PSI. . . . 1					
05	L51591	ADAP, -40RM -4JICM 90 DEG 1					
06	L444005	ADAP, -4ORM -4JICM STR. 3		a		Units equipped with clutch cut-out option.	
07	102842	HOSE, -4 A4/A6 66" 1					
08	102841	HOSE, -4 A4/A4 38" 1		b		Units not equipped with clutch cut-out option.	
09	L63651	HOSE, -4 A4/DM4 17" 1					
10 ^c	L63564	SWITCH, DIFF. PRESSURE. 1		c		Located in cab, inside of joystick access panel.	
11	104022	HOSE, -4 A4/DM4 20" 1					
12	102840	HOSE, -4 A4/A6 90" 1					
13	L446044	ADAP, -4 SWIVEL TEE 2					
14	L62741	ADAP, HYDROMAX -4JICM STR. . . 2					
15	L63363	VALVE, MASTER CYLINDER. 2					



Cab

Brake and Accelerator Pedals

RS6-42/RS8-42/44



Telescopic Handler

Cab

Brake and Accelerator Pedals

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L63230	PAD, BRAKE PEDAL	1	24 ^a	L68641	PEDAL, ACCELERATOR	1
02	L50235	5/16"-18X1-1/4" BOLT	2		L52024	1/4"-20X1" BUTTN HD BOLT	3
03	L50056	5/16"-18 FLANGE NUT	2		L50051	1/4"-20 FLANGE NUT	3
04	102785	BRAKE LEVER ASSEMBLY	1		L98865	BOOT	1
		(includes item 7)		25 ^b	105502	THROTTLE PEDAL, ELECTRONIC	1
05	102530	BRAKE LINKAGE, WLDMNT	1	26 ^b	105287	COVER, ELEC. THROTTLE	1
06	L50151	1/2" FLAT WASHER	1	27 ^b	L52025	5/16"-18X3/4" BUTTN HD BOLT	2
07	L48179	BRONZE BUSHING	2		L530004	5/16"-18 RETAIN/CLIP NUT	2
		(included with item 4)		28 ^b	L50228	5/16"-18X3/4" BOLT	2
08	102529	PIN, BRAKE LEVER PIVOT	1	29 ^b	L50141	5/16" FLAT WASHER	2
09	L50628	ROLL PIN, .19X1	1				
10	L10465	ZERK, GREASE 1/4"-28	1				
11	L44859	PIN, CLEVIS 1/2"X27/64"	2				
12	L50607	1/8"X1" COTTER PIN	2				
13	L580005	YOKE, CLEVIS 1/2"-13	2				
14	L50072	1/2"-13 NUT	2				
15	102534	ROD, BRAKE VALVE	1				
16	L50261	3/8"-16X1-1/2" BOLT	6				
17	L50145	3/8" FLAT WASHER	6				
18	L520005	3/8"-16 NYLON INSERT NUT	6				
19	L50150	7/16" LOCK WASHER	2				
20	L510041	7/16"-20X1" BOLT	2				
21	L63363	VALVE, BRAKE MASTER CYL.	2				
22 ^a	L63629	BRACKET, THROTTLE RETURN	2				
23 ^a	L62926	SPRING, CABLE TENSION	1				
						-- ITEMS NOT SHOWN-- (Throttle)	
				00 ^a	L63420	THROTTLE CABLE	1
					L64664	COUPLER (<i>John Deere</i>)	1
					L64663	THROTTLE ROD (<i>John Deere</i>)	1
						(Throttle Wire Harness)	
				00 ^b	105573	WIRE HARNESS, THROTTLE	1
						(Brake)	
				00	L561004	RETURN SPRING (<i>Brake lever</i>)	1
						(attaches to item 4)	

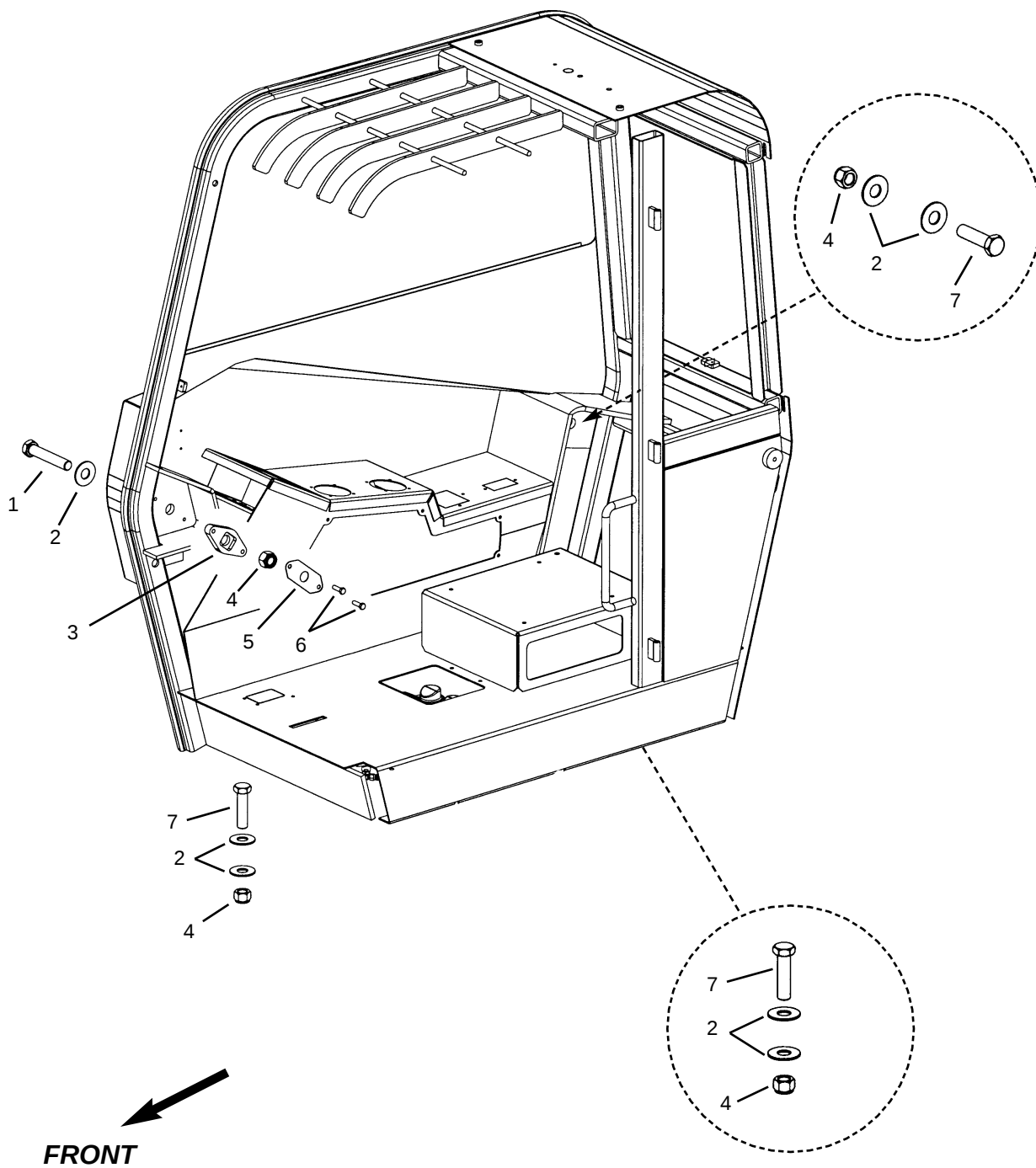
a Units equipped with a 99 HP Tier II engine.
(manual throttle pedal)

*b Units equipped with a 115 HP Tier III engine.
(electronic throttle pedal)*



Cab Mounts

RS6-42/RS8-42/44





Telescopic Handler

Cab
Mounts

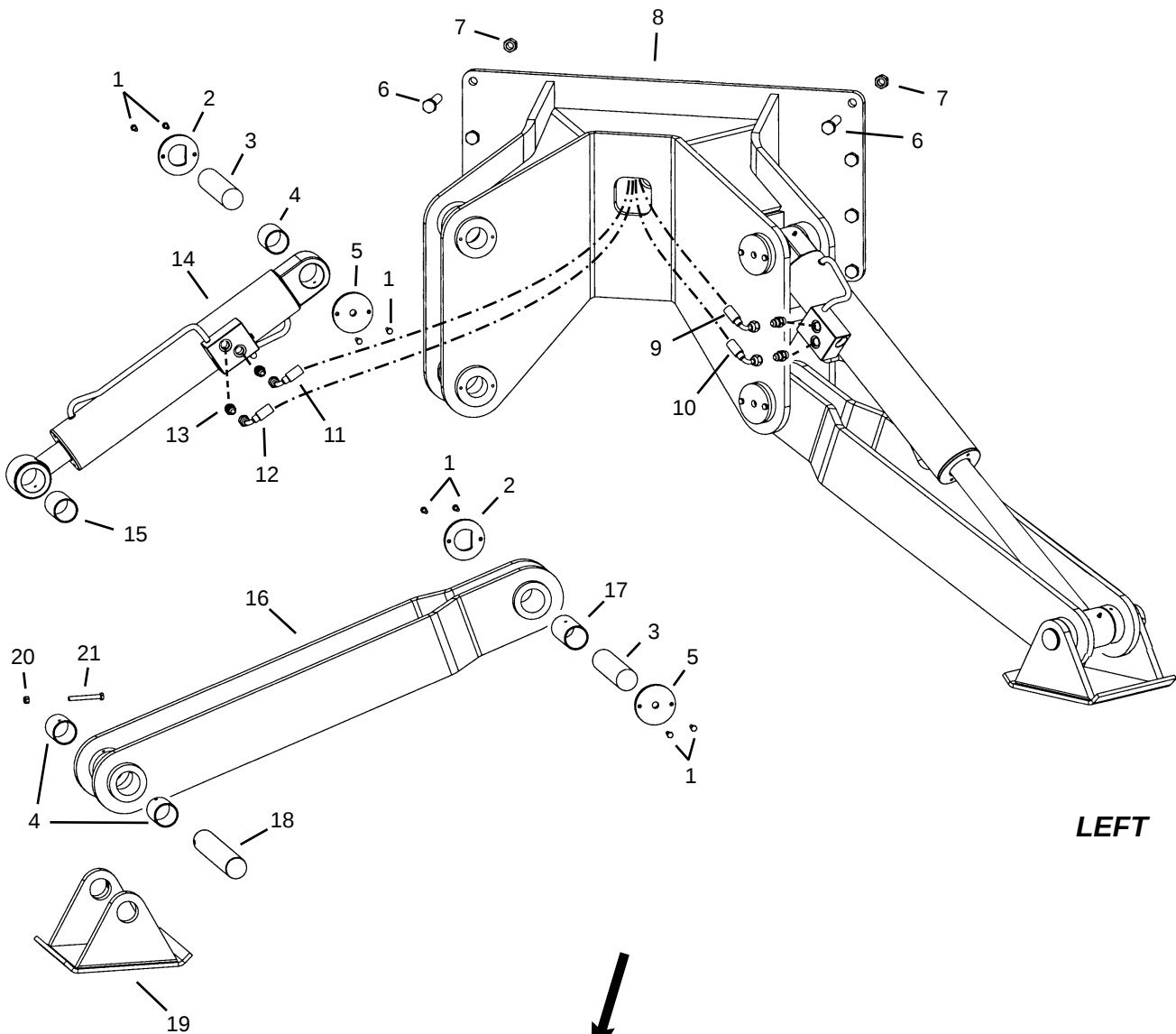
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102779	1"-8X5-1/2" GR8 BOLT	1	07	102883	1"-8X3-3/4" GR8 BOLT	3
02	102782	1" SAE FLAT WASHER	7				
03	102741	RETAINER, CANOPY NUT	1				
04	102781	1"-8 CLASS C LOCK NUT	4				
05	101667	WASHER, CANOPY NUT	1	00	L63813	-- ITEMS NOT SHOWN-- HOLE PLUG, 2-1/2" DIA	1
06	L50403	3/8"-16X1-1/4" BOLT	2			(plugs hole in cab where side bolt attaches)	



Chassis Outriggers (Option)

RS6-42/RS8-42/44

RIGHT



FRONT



Telescopic Handler

Chassis Outriggers (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50230	5/16"-18x3/4" BOLT	16	19	L64914	WLDMNT, OUTRIGGER PAD	2
02	L69725	CAP, PIN LOCK	4	20	L520005	3/8"-16 CNTR LOCK NUT	2
03	L70621	PIN, PIVOT	4	21	L50275	3/8"-16X3" BOLT	2
04	L69138	BUSHING	6	-- ITEMS NOT SHOWN --			
05	L69724	CAP, PIVOT PIN	4				
06	L50385	3/4"-10X3" BOLT GR8	8				
07	L50084	3/4"-10 STOVER LOCK NUT "C" . . .	8				
08	102566	WLDMNT, OUTRIGGER MNT.	1				
09	L68807	HOSE, -6 A8/DS8 54"	1	00	101658	DECAL, OUTRIGGER CONTROL . .	1
10	L68807	HOSE, -6 A8/DS8 54"	1	00	L10465	ZERK, GREASE 1/4-28 STR	AR
11	L68807	HOSE, -6 A8/DS8 54"	1	Note: Refer to Hydraulic Section for more information regarding the Outrigger control valve, hydraulic controller, cylinders and components.			
12	L68807	HOSE, -6 A8/DS8 54"	1				
13	L444004	ADAP, -8ORM -8JICM STR.	4				
14	Note a	CYLINDER, OUTRIGGER.	2				
15	L70618	BUSHING	2				
16	L70615	WLDMNT, OUTRIGGER LEG	2	a Refer to Hydraulic Section for cylinder part number.			
17	L70614	BUSHING	2				
18	L64963	PIN, PIVOT	2				

HOSE LOCATOR

09	OUTRIGGER CYLINDER "LEFT SIDE" (extend)	OUTRIGGER VALVE LEFT SECTION (extend)
10	OUTRIGGER CYLINDER "LEFT SIDE" (retract)	OUTRIGGER VALVE LEFT SECTION (retract)
11	OUTRIGGER CYLINDER "RIGHT SIDE" (extend)	OUTRIGGER VALVE RIGHT SECTION (extend)
12	OUTRIGGER CYLINDER "RIGHT SIDE" (retract)	OUTRIGGER VALVE RIGHT SECTION (retract)

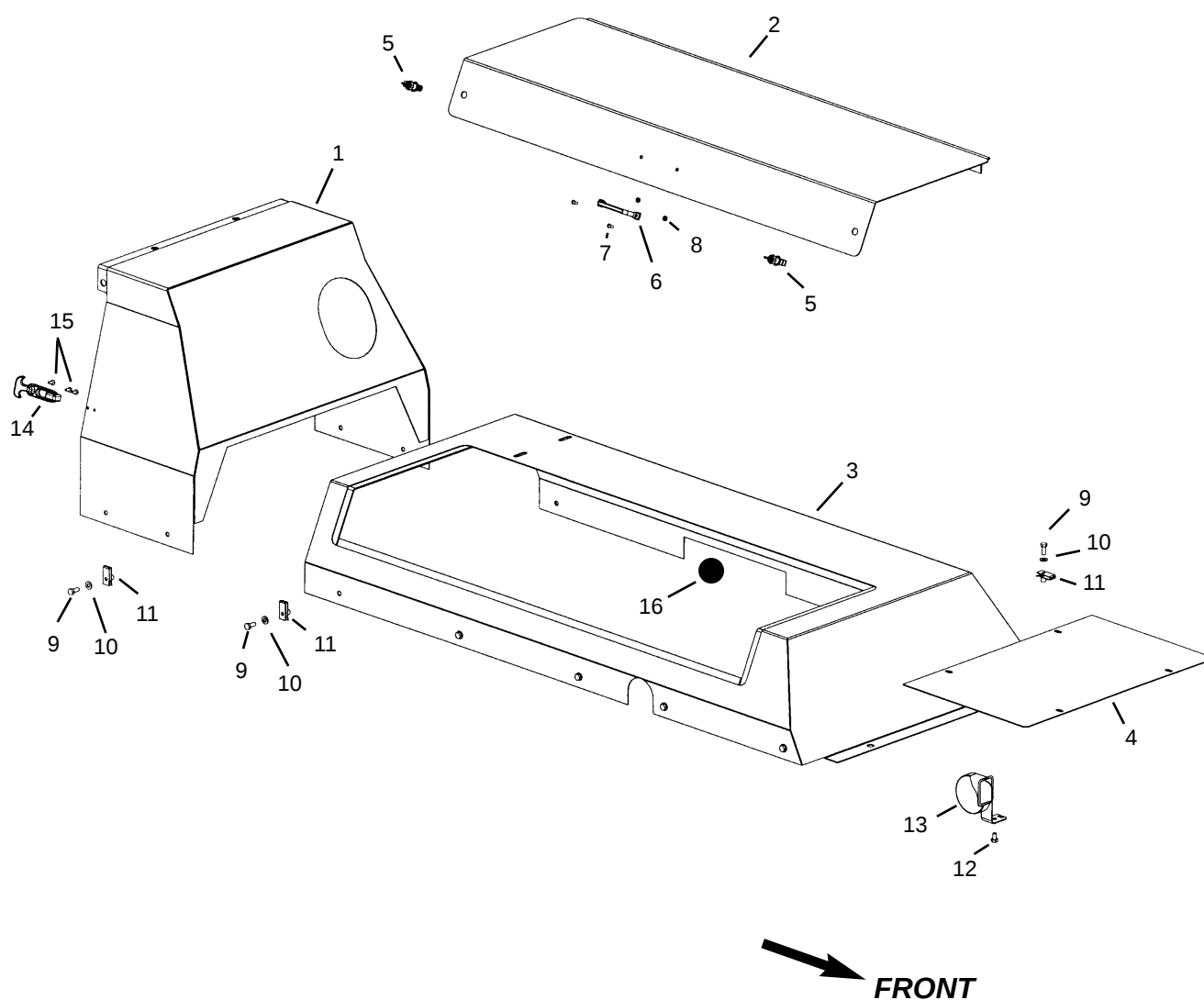
Note: For more information on hose routing for the Outrigger Option, refer to the Outrigger - Main Valve / Controller pages located in the Hydraulic Section of this manual.



Chassis

RS6-42/RS8-42/44

Hoods and Covers - Part 1 of 2





Telescopic Handler

Chassis

Hoods and Covers - Part 1 of 2

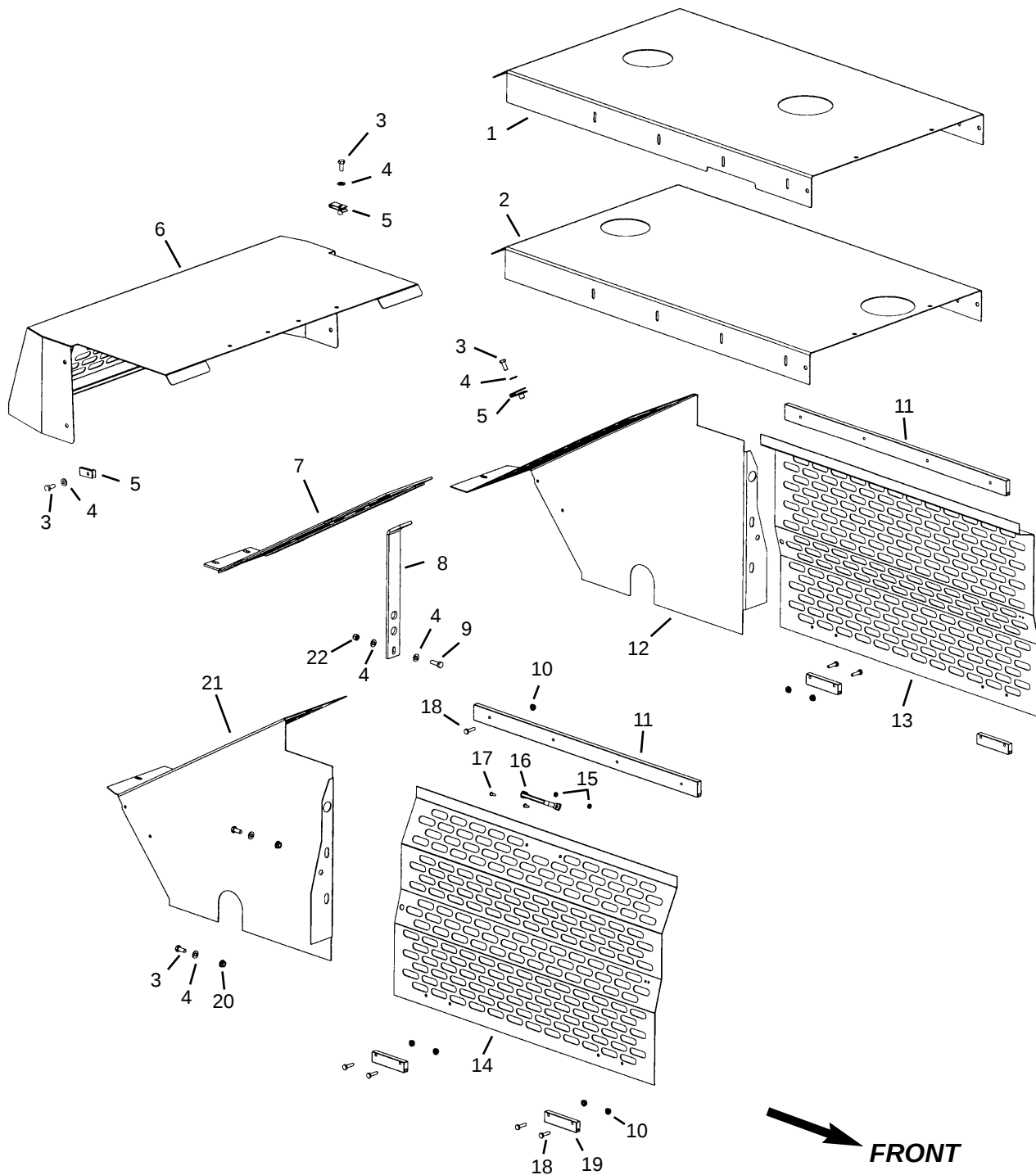
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104961	HOOD, MID-SECTION	1	09	650486	5/16"-18X3/4" BOLT	AR
02	105037	COVER, ACCESS	1	10	650810	5/16" FLAT WASHER	AR
03	105039	HOOD, FRONT	1	11	L530004	5/16" RETAINED NUT CLIP	AR
04	102423	COVER, FRONT FRAME	1	12	650484	5/16"X1/2" BOLT	1
05	104222	LATCH	2	13	L41847	HORN, 12 VOLT	1
06	L64673	HANDLE	1	14	104225	LATCH, T-HANDLE	2
07	L50418	#10-32X1/2" SCREW	2	15	L50655	#10-24X1/2" SCREW	6
08	L50050	#10-32 NUT	2	16	105800	WEATHERSTRIP 18"	1



Chassis

RS6-42/RS8-42/44

Hoods and Covers - Part 2 of 2





Chassis

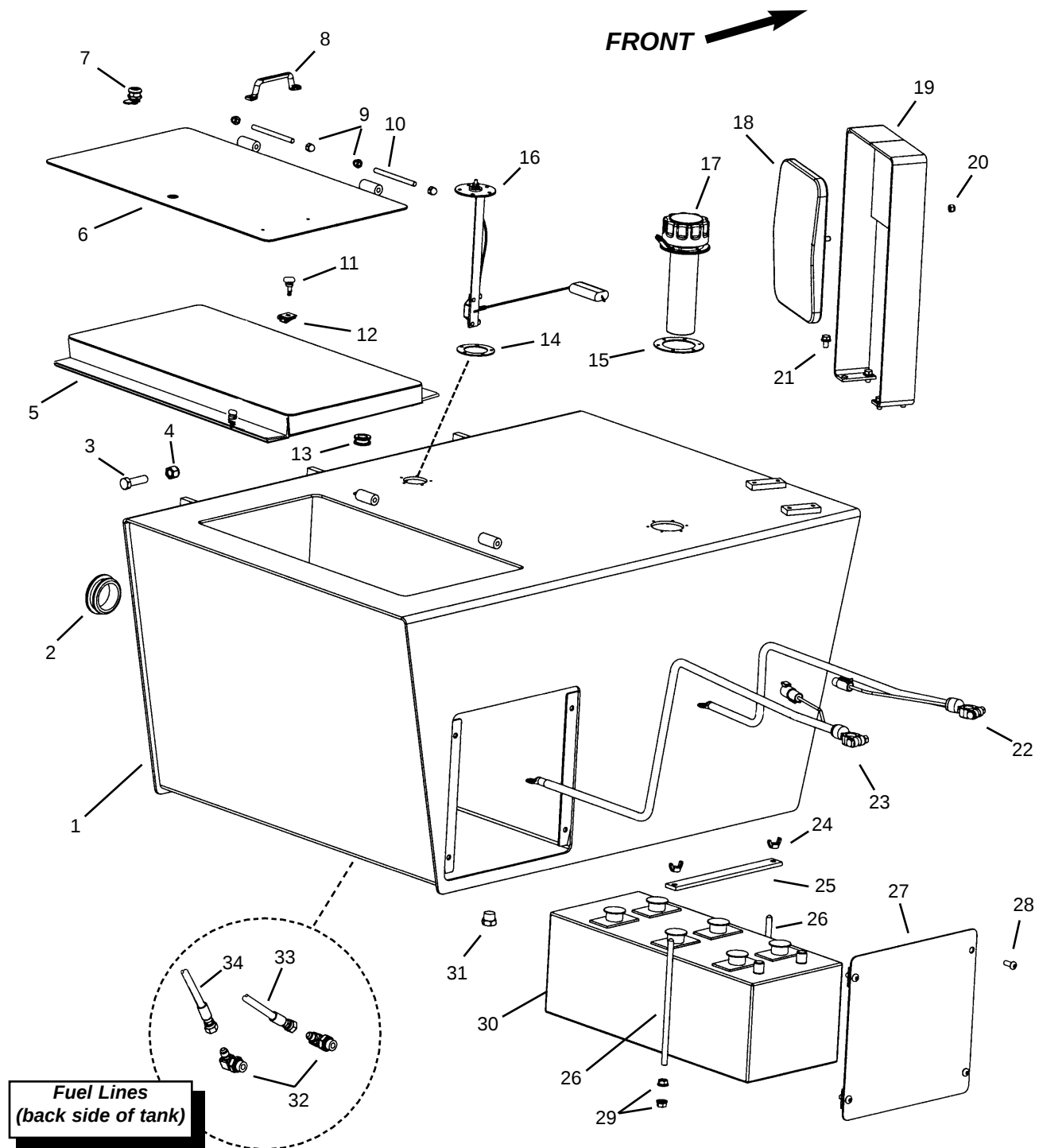
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	105569	HOOD, TOP (99 H.P. engines)	1	20	L50056	5/16" WHIZ NUT.	AR
02 ^a	104441	HOOD, TOP (115 H.P. engines) . . .	1	21	104439	PANEL, SIDE RADIATOR R.H.	1
03	650486	5/16"X3/4" BOLT.	AR	22	L520004	5/16" NUT.	AR
04	650810	5/16" FLAT WASHER.	AR				
05	L530004	FASTENER, RETAIN NUT.	AR			-- ITEMS NOT SHOWN --	
06 ^b	102431	HOOD, REAR	1			(Counterweight)	
07	104457	BULKHEAD PANEL.	1	00	L50333	BOLT, COUNTERWEIGHT 3". . . .	AR
08	105128	BULKHEAD PANEL MOUNT.	1	00	L50519	NUT, COUNTERWEIGHT.	AR
09	650487	5/16"X1" BOLT	AR	00	L50684	BOLT, COUNTERWEIGHT 11". . .	AR
10	L50051	1/4" WHIZ NUT.	AR	00	L50084	NUT (for L50684 bolt).	AR
11	L65896	GUIDE, NYLATRON 28".	2				
12	104440	PANEL, SIDE RADIATOR L.H.	1				
13	105523	PANEL, ENGINE L.H.	1				
14	105524	PANEL, ENGINE R.H.	1	a		Two different hoods are used based on the engine application; refer to the placement of the access holes in the top of the hood when ordering.	
15	L50050	#10-32 NUT	AR				
16	L64673	HANDLE	2				
17	L50418	#10-32X1/2" SCREW	AR				
18	L50214	1/4"X1" BOLT	AR	b		Refer to the Cab - Front and Rear Lights section for the taillights and back-up alarm.	
19	L64695	SLIDE, NYLATRON 4".	4				



Chassis

Fuel Tank and Battery

RS6-42/RS8-42/44





Telescopic Handler

Chassis

Fuel Tank and Battery

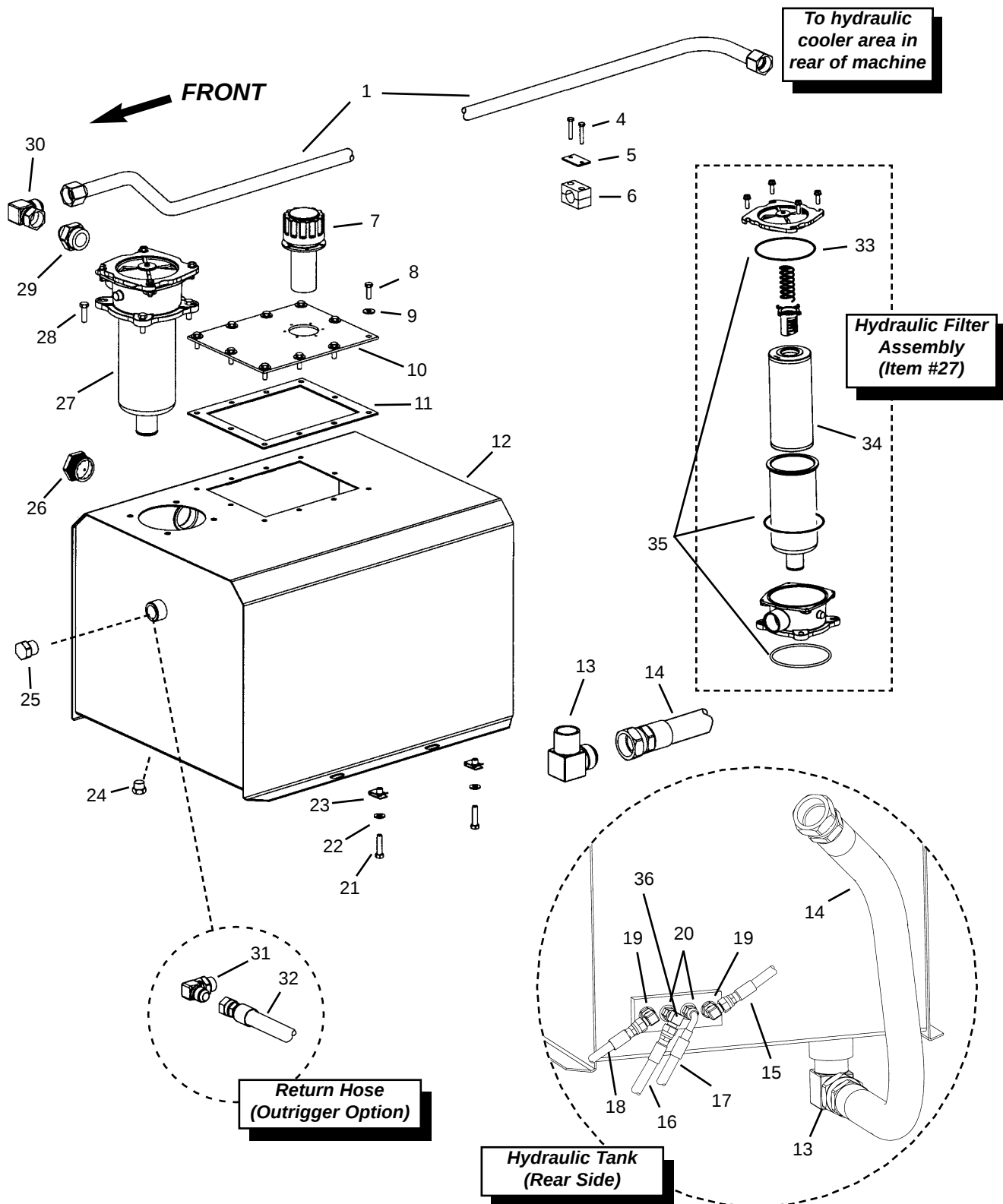
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102505	WELDMENT, FUEL TANK	1	22		CABLE, NEG BATTERY	1
02	101567	GROMMET, FUEL TANK	1		101954	<i>Note a</i>	
03	L50286	1/2"-13X1-3/4" BOLT	6		101961	POWER PLUG, PLUG	1
04	L520019	1/2"-13 NYLON INSERT NUT	6		101962	#8 DEUTSCH SOCKET	1
05	103892	PLATE, TOOLBOX BOTTOM	1		L630001	<i>Note b</i>	
06	102506	TOOLBOX COVER, WELDMENT . . .	1	23		CABLE, POS BATTERY	1
	103208	GASKET (1/8"X1/2"X80")	1		101955	<i>Note a</i>	
07	L70225	CAMLOCK	1		101960	POWER PLUG, RECEPTACLE . . .	1
	L99157	KEY ONLY (<i>stamped CH751</i>)	1		101963	#8 DEUTSCH PIN	1
08	L64673	HANDLE, HOOD	1		L64362	<i>Note b</i>	
	L50418	#10-32X1/2" RND HD SCREW	2	24	L530003	3/8"-16 WINGNUT	2
	L50050	#10-32 NUT	2	25	L61117	BATTERY HOLDDOWN BAR	1
09	L50755	5/16"-18 ACORN NUT	AR	26	L70146	ROD, BATTERY HOLDDOWN	2
10	L64672	STUD, HINGE	2	27	101463	PLATE, BATTERY ACCESS	1
11	L68133	SCREW, CAPTIVE	2	28	L52025	5/16"-18X3/4" BHSCS	4
	L68134	SCREW, RETAINER	2	29	L50061	3/8"-16 FLANGE NUT	4
12	L68135	SCREW, RECEPTACLE	2	30	NSS	12VDC BC1 4DLT BATTERY	1
13	L63546	GROMMET	1	31	L446025	ADAP, PLUG -8 ORING SAE	1
14	L41854	GASKET, SENDER	1	32	L445005	ADAP, -8ORM -6JICM 90	2
15	NSS	GASKET, FUEL CAP ASSEMBLY . . .	1	33	L68619	HOSE, 3/8" X 73" (<i>supply</i>)	1
16	L61867	SENDER/FUEL LEVEL	1	34	102861	HOSE, 1/4" X 73" (<i>return</i>)	1
		(<i>includes #14 Gasket</i>)					
17	104303	CAP/FUEL ASSEMBLY	1			-- ITEMS NOT SHOWN --	
		(<i>pressurized</i>)		00	L630004	GROUND STRAP	1
18	L63756	MIRROR, 6.5X10 CONVEX	1				
19	103991	MIRROR BRACKET	1				
20	L520003	1/4" NYLON INSERT NUT	1	a		Units equipped with a 115 HP Tier III engine. (<i>electronic throttle pedal</i>)	
21	081379	5/16"x1/2 FLAT LOCK BOLT	4	b		Units equipped with a 99 HP Tier II engine. (<i>manual throttle pedal</i>)	



Chassis

Hydraulic Tank

RS6-42/RS8-42/44



Telescopic Handler

Chassis

Hydraulic Tank

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L64599	TUBE ASSEMBLY	1	27	101879	FILTER ASY.	1
04	L50364	1/4"-20X1-1/2" BOLT	2			(Includes items 33-35)	
05	102525	PLATE, TOP CUSHION.	1	28	L50403	3/8"-16X1-1/4" BOLT	4
06	102524	CLAMP, CUSHION TUBE	1	29	P472566	ADAP, -20ORM -16JICM STR.	1
07	P470472	FILL CAP ASSEMBLY	1	30	L64856	ADAP, -16JICM -16JICFS 90	1
08	L50823	5/16"-18X1" BOLT	10	31 ^b	L445001	ADAP, -12ORM -12JICM 90	1
09	L50141	5/16" FLAT WASHER	10	32 ^b	102813	HOSE, -12 A12/DS12 30"	1
10	L65142	ACCESS COVER	1	33	102964	O-RING, FILTER	1
11	L65144	GASKET	1	34	L97489	HYDRAULIC FILTER ELEMENT.	1
12 ^c	102194	HYDRAULIC TANK.	1	35	102965	SEAL KIT (three o-rings)	1
13	L442023	ADAP, -24JICM 24NPTM 90	1			(includes item 33)	
14	L63309	HOSE, -24 A24/A24 35"	1	36	L60653	ADAP, -6JICM -6JICFS 90	1
15	102946	HOSE, -4 A6/DS6 18"	1				
16	L69904	HOSE, 4 A6/DS6 20"	1				
17	102843	HOSE, -4 A6/D6 35"	1				
18	L63383	HOSE, -6 A6/DS8 52"	1				
19	L445003	ADAP, -6ORM -6JICM 90 DEG	2				
20	L444002	ADAP, -6ORM -6JICM STR.	2	00	L72419	ADAP, 1-1/2" NPT 90 ELBOW	1
21	L50261	3/8"-16X1-1/2" BOLT	2	00	L61620	ADAP, 1-1/2" PIPE NIPPLE.	1
22	L50145	3/8" FLAT WASHER	2	00	L49327	STRAINER, HYD. OIL.	1
23	L65211	3/8"-16 RETAINED NUT	2				
24	L446025	PLUG, -8 ORING SAE.	1	a		Units not equipped with outriggers.	
25 ^a	L446047	PLUG, -12 ORING SAE.	1	b		Units equipped with outriggers.	
26	134756	SIGHT GLASS.	1	c		Includes all items listed under "Items Not Shown."	
				d		Included with hvdraulic tank: item #12.	

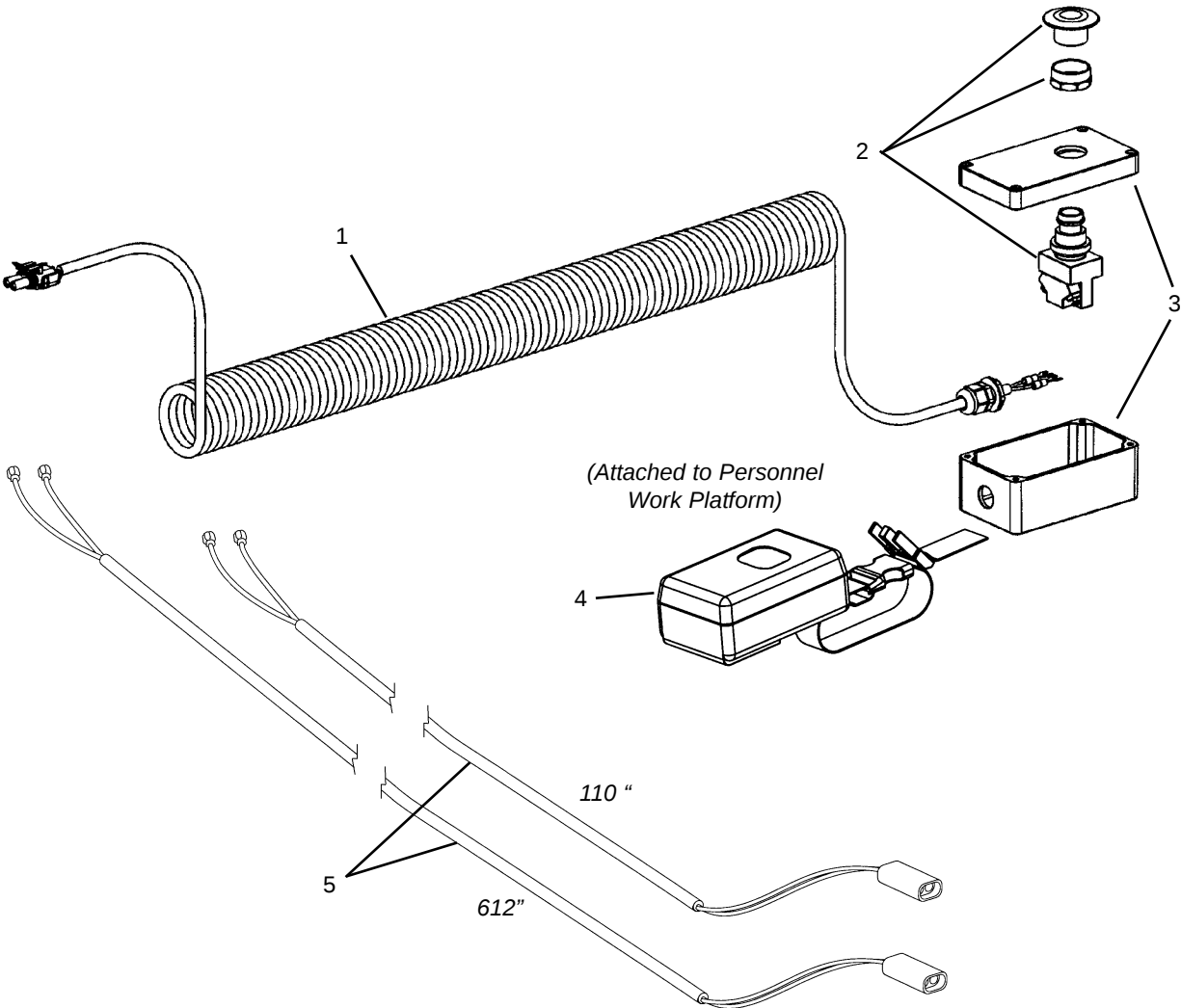
HOSE LOCATOR

01	HYDRAULIC TUBE (<i>from hyd. tank</i>)	HYD. COOLER "UPPER"
14	HYDRAULIC TANK (<i>bottom</i>)	HYDRAULIC PUMP "IN"
15	HYDRAULIC TANK RETURN (<i>return manifold</i>)	FLOW DIVIDER "T"
16	HYDRAULIC TANK RETURN (<i>return manifold</i>)	PRIORITY VALVE "T"
17	HYDRAULIC TANK RETURN (<i>return manifold</i>)	JOYSTICK (<i>lift/extend controller</i>) "T"
18	HYDRAULIC TANK RETURN (<i>return manifold</i>)	STEER MOTOR "T"
32	HYDRAULIC TANK RETURN (<i>front</i>)	OUTRIGGER VALVE "OUT" (<i>return to tank</i>)



PWP
Boom Components

RS6-42/RS8-42/44

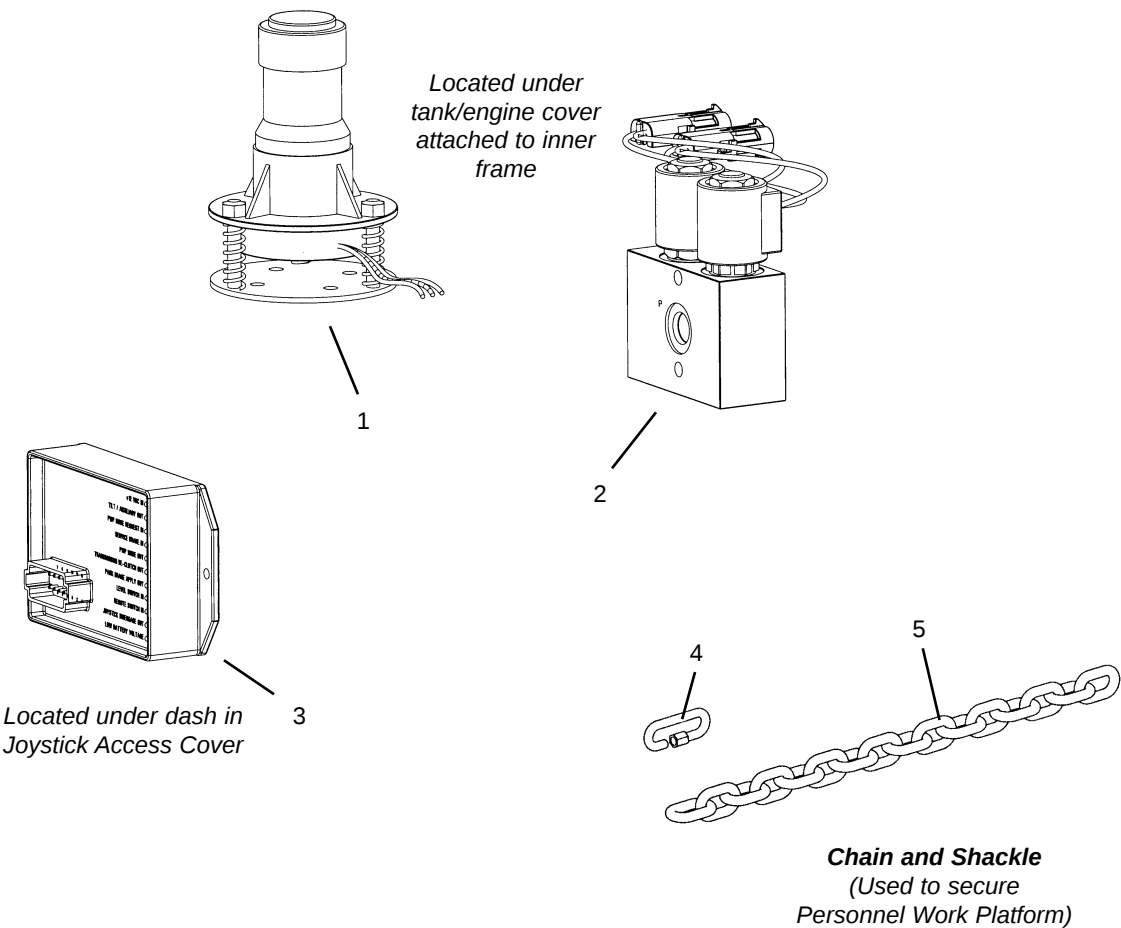


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L71729	REMOTE SWITCH W/CABLE. 1 (Includes item 1-4)	1	04	L71750	REMOTE SWITCH POUCH 1	1
01	102408	CABLE ASSEMBLY 1	1	05	L71732	REMOTE SWITCH HARNESS 1 (Consists of two cables)	1
02	L71726	REMOTE STOP SWITCH 1	1				
03	L71725	REMOTE SWITCH ENCLOSURE. . 1	1				



Telescopic Handler

PWP Chassis Components



Ref. No.	Part No.	Description	Qty. Req.
01	L71553	LEVEL SENSOR	1
02	102321	MANIFOLD, PWP/WPS	1
03	104078	PWP/WPS CONTROL MODULE . .	1
04 ^a	L71752	5/16" CHAIN SHACKLE	1
05 ^a	L71751	5/16" CHAIN GR40 16 LINKS . . .	1

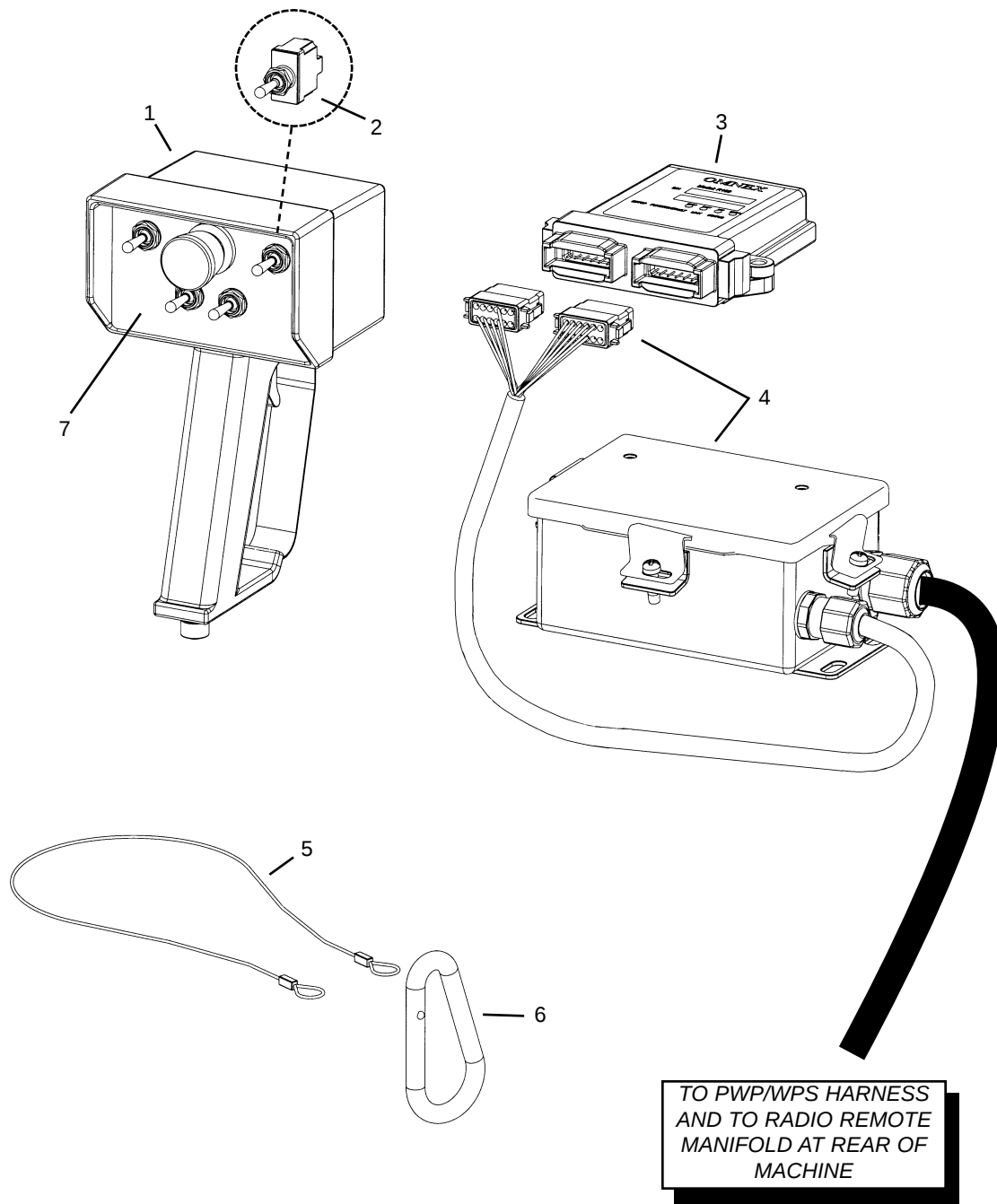
Ref. No.	Part No.	Description	Qty. Req.
-- ITEMS NOT SHOWN --			
00	L71691	PWP/WPS SWITCH	1
		(located on dash)	
00	104064	PWP/WPS WIRE HARNESS	1
		(under dash and to level sensor)	

a Chain shackle and chain are used to secure the Personnel Work Platform.



Radio Remote Control *Transmitter and Receiver*

RS6-42/RS8-42/44





Telescopic Handler

Radio Remote Control Transmitter and Receiver

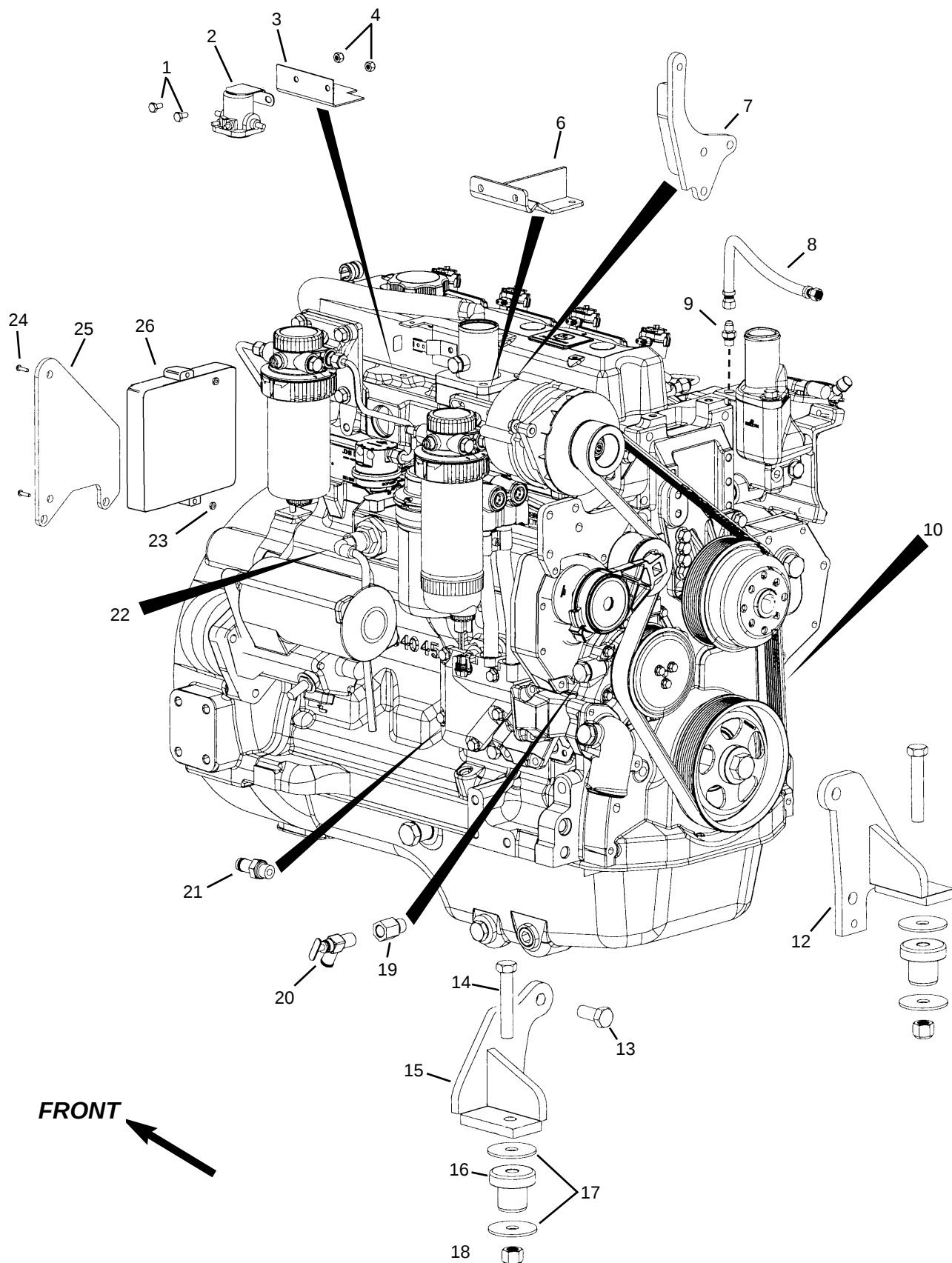
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	103744	COMPLETE, RADIO REMOTE	1	-- ITEMS NOT SHOWN --			
		<i>(Includes all items shown)</i>		00 ^b	103424	HARNESS, RADIO REMOTE	1
01a	103479	REMOTE TRANSMITTER	1	00c	104985	HARNESS, RADIO REMOTE	1
02	103482	SWITCH, TOGGLE 3 POS. MIL . . .	4				
03	103480	REMOTE RECEIVER	1				
04	NSS	ENCLOSURE / CIRCUIT BOARD. .	1	a		Requires programming; refer to "Radio Remote Operators manual" included with the Radio Remote Control at the time of purchase.	
05	103475	LANYARD (wire cable)	1				
06	103476	SNAP RING, LANYARD	1	b		Used on earlier models. This harness contains one relay and NO diodes. It also connects to the engine starter relay.	
07	104675	LABEL	1	c		Used on later models. This harness contains multiple diode packs, and connects to the ignition switch and start button inside the cab.	



Engine

RS6-42/RS8-42/44

External Components - 115 H.P. Engine





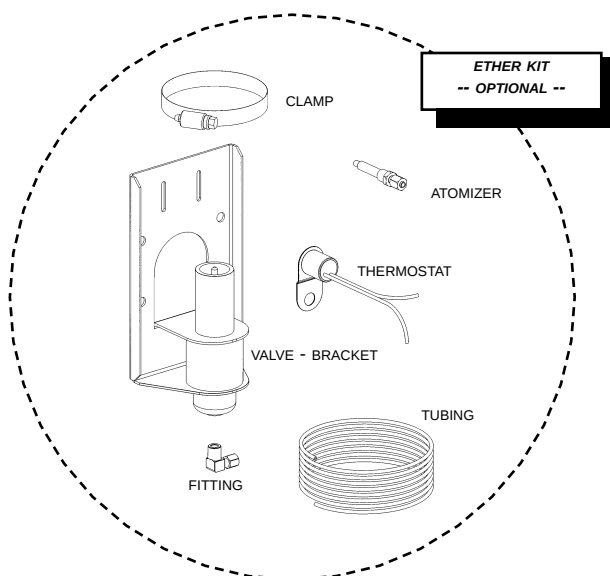
Telescopic Handler

Engine

External Components - 115 H.P. Engine

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50209	1/4"X1/2" BOLT	2	-- ITEMS NOT SHOWN --			
02	L41179	RELAY, ENGINE STARTER	1	(Electrical)			
03	101924	MOUNT, RELAY	1	00	105571	HARNESS (ECU Interface)	1
04	L520003	1/4" NUT	2	00	105573	HARNESS (Throttle)	1
06	104981	FUEL FILTER MOUNT	1	(Ether - Optional)			
07	L68616	BRACKET, ALTERNATOR.	1	00	102926	HARNESS, ETHER KIT	1
08	105192	ADAP., ST MJ04 MM12	1	<i>(includes 21" BLU/WHT jumper wire)</i>			
09	105193	HOSE, -4 FJSO4 FJSO4 20"	1	00 ^a	L70629	ETHER KIT (optional)	1
10	105817	FAN BELT	1	<i>(includes: thermostat, atomizer, valve bracket, fitting, clamp and tubing. Does not include ether canister.)</i>			
12	102200	ENGINE MOUNT (right)	1	00	L71081	SWITCH, ROCKER (ether)	1
13	L50305	M16-2X35M BOLT GR8.8	4	<i>(located in dash panel)</i>			
14	L50319	5/8"-11X3-1/2" BOLT	2	(Fuel Line)			
15	102201	ENGINE MOUNT (left)	1	00	104341	HOSE END, -5 JICF PUSHON	1
16	L64124	MOUNT, VIBRATION ISOLATOR	2	00	L68619	HOSE, 3/8" X 73" (supply)	1
17	L64197	WASHER, ISOLATOR MOUNT.	4	00	102861	HOSE, 1/4" X 73" (return)	1
18	L520007	5/8"-11 NYLON INSERT NUT	2	00	210047	ADAP., -6MFS -6FFSS 90°	1
19	210049	ADAP, M18 -6NPTF STR (long)	1				
20	L99966	SHUTOFF, MANUAL/WATER	1				
21	L447005	ADAP, M18 10 BEAD STR	1				
22	L65570	ENGINE BLOCK HEATER (opt.)	1				
23	L50538	#8-32 NUT	2				
24	L50549	#8-32X5/8" SCREW	2				
25	104453	ECU MOUNT	1				
26	NSS	ECU (contact John Deere)	1				

a Ether canister assembly is located on the right-rear side of machine. Thermostat is located on engine block, and switch is located on dash.

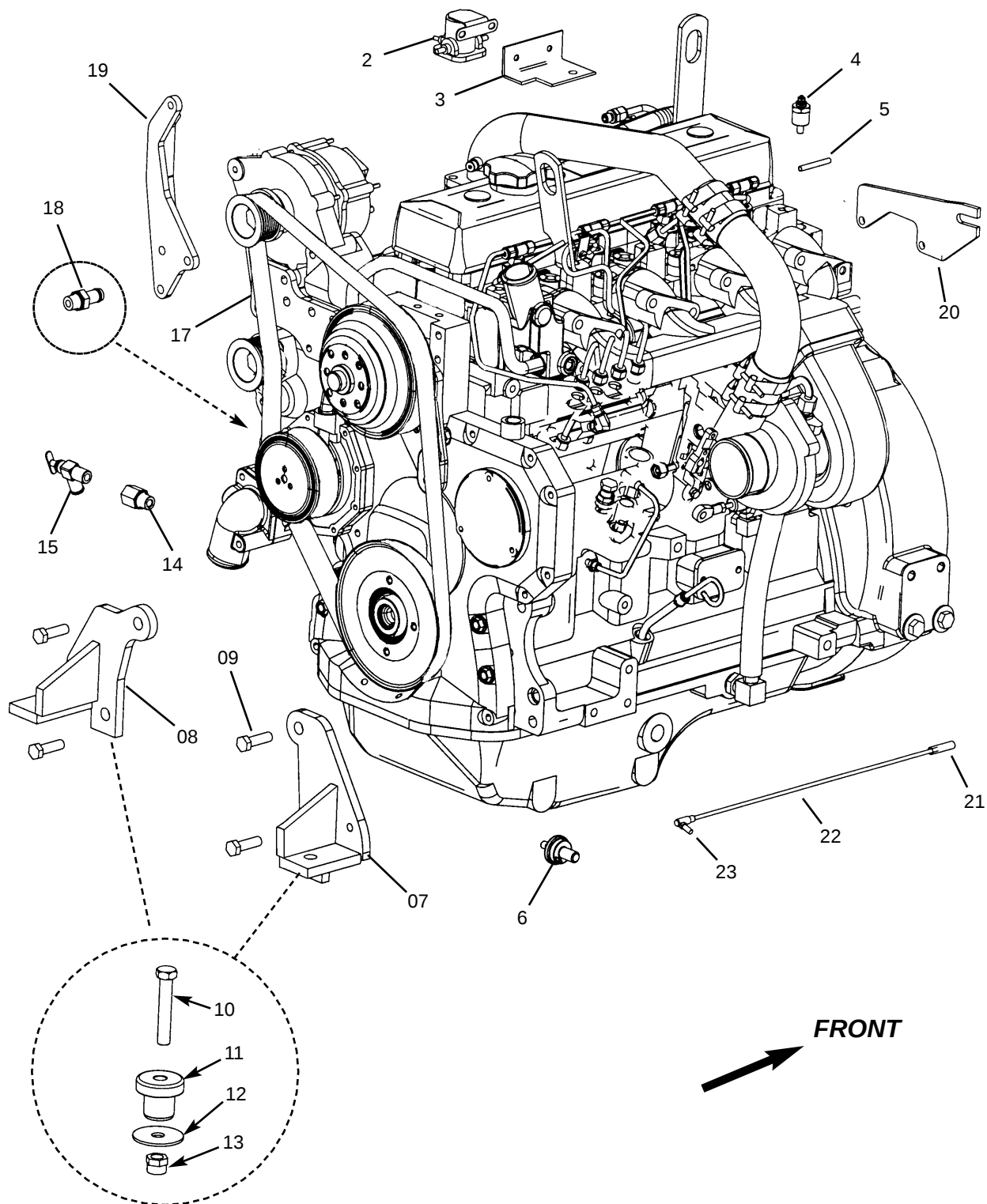




Engine

External Components - 99 H.P. Engine

RS6-42/RS8-42/44





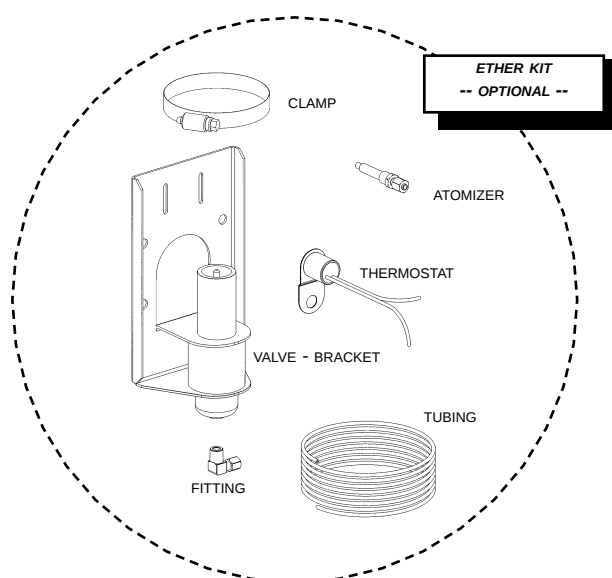
Telescopic Handler

Engine

External Components - 99 H.P. Engine

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
02	L41179	RELAY, ENGINE STARTER	1	-- ITEMS NOT SHOWN --			
03	L68571	MOUNT, RELAY	1	00	L65570	ENGINE BLOCK HEATER (opt.) . . .	1
	L50209	1/4"X1/2" BOLT	1	(Throttle Cable)			
	L520003	1/4" NUT	2	00 ^b	L63420	CABLE, THROTTLE	1
04	L64437	SENDER, WATER TEMP	1	(Electrical)			
05	L69166	FUEL LINE TUBE	1	00	105618	HARNESS, T2 INSTRUMENT	1
06	103626	SENDER, OIL PRESSURE	1	(Ether - Optional)			
07	102200	ENGINE MOUNT (right)	1	00	102926	HARNESS, ETHER KIT	1
08	102201	ENGINE MOUNT (left)	1	(includes 21" BLU/WHT jumper wire)			
09	L50305	M16-2X35M BOLT GR8.8	4	00a	L70629	ETHER KIT (optional)	1
10	L50319	5/8"-11X3-1/2" BOLT	2	(includes: thermostat, atomizer, valve bracket, fitting, clamp and tubing. Does not include ether canister.)			
11	L64124	MOUNT, VIBRATION ISOLATOR . .	2	00	L71081	SWITCH, ROCKER (ether)	1
12	L64197	WASHER, ISOLATOR MOUNT . . .	2	(located in dash panel)			
13	L520007	5/8"-11 NYLON INSERT NUT . . .	2	(Fuel Line)			
14	210049	ADAP, M18 -6NPTF STR (long) . .	1	00	104341	HOSE END, -5 JICF PUSHON	1
15	L99966	SHUTOFF, MANUAL/WATER	1	00	L68619	HOSE, 3/8" X 73" (supply)	1
17	L68613	FAN BELT	1	00	102861	HOSE, 1/4" X 73" (return)	1
18	L447005	ADAP, M18 10 BEAD STR	1				
19	L68616	BRACKET, ALTERNATOR	1				
20	105281	BRACKET, THROTTLE	1				
21	L64664	COUPLER, ROD TO CABLE	1				
	L50050	#10-32 NUT	2				
22	L64663	ROD, THROTTLE EXTEND	1				
23		BALL JOINT #10-32	1				
	L580008	with 5/16" stud					
	L580009	with 1/4" stud					
	L50050	#10-32 NUT	1				

a Ether canister assembly is located on the right-rear side of machine. Thermostat is located on engine block, and switch is located on dash.

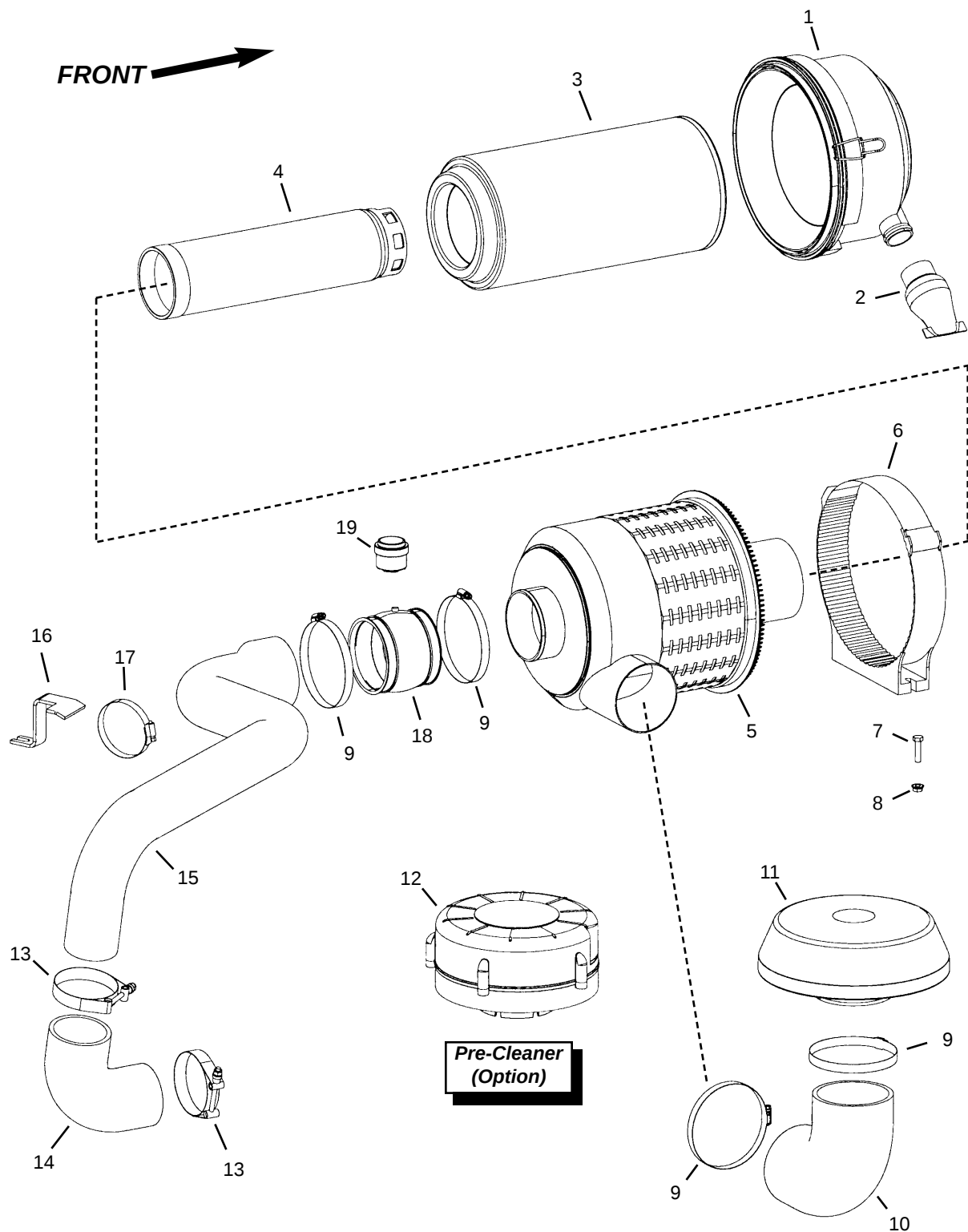




Engine

Air Intake - 115 H.P. Engine

RS6-42/RS8-42/44





Telescopic Handler

Engine

Air Intake - 115 H.P. Engine

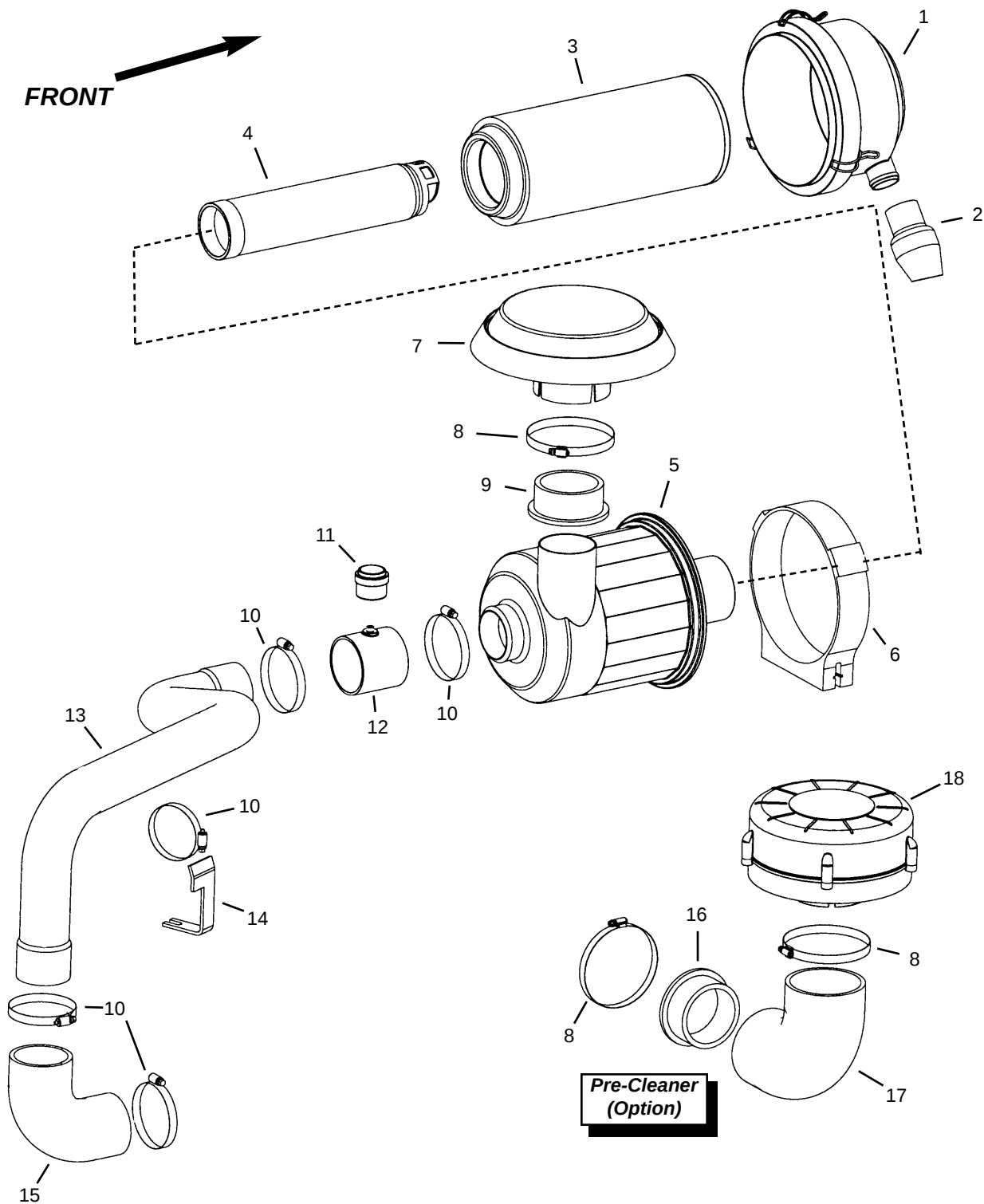
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	105073	AIR CLEANER ASSEMBLY.1 (Includes 1-5.)		10	L64864	90° RUBBER ELBOW, 4" DIA.1	
01	NSS	END CAP1		11	105075	INLET HOOD/CAP1	
02	137659	EJECTOR/DUST1		12	101926	PRE-CLEANER (option)1	
03	105070	ELEMENT, PRIMARY1		13	L70467	CLAMP, T-BOLT 3-1/2"2	
04	105071	ELEMENT, SECONDARY1		14	L120041	90° RUBBER ELBOW, 3" DIA.1	
05	NSS	HOUSING, AIR CLEANER1		15	105076	INTAKE TUBE1	
06	105059	CLAMP, AIR CLEANER MOUNT ..1		16	104464	BRACKET, AIR INTAKE1	
07	650545	5/6"X1-1/4" BOLT2		17	L51099	CLAMP, #52 SAEAR	
08	L50056	5/16" NUT2		18	105072	COUPLER, 4" w/TAP1	
09	L51781	ADJUST. CLAMP, #72AR		19	183629	INDICATOR, RESTRICTION 30in. .1	



Engine

Air Intake - 99 H.P. Engine

RS6-42/RS8-42/44





Telescopic Handler

Engine

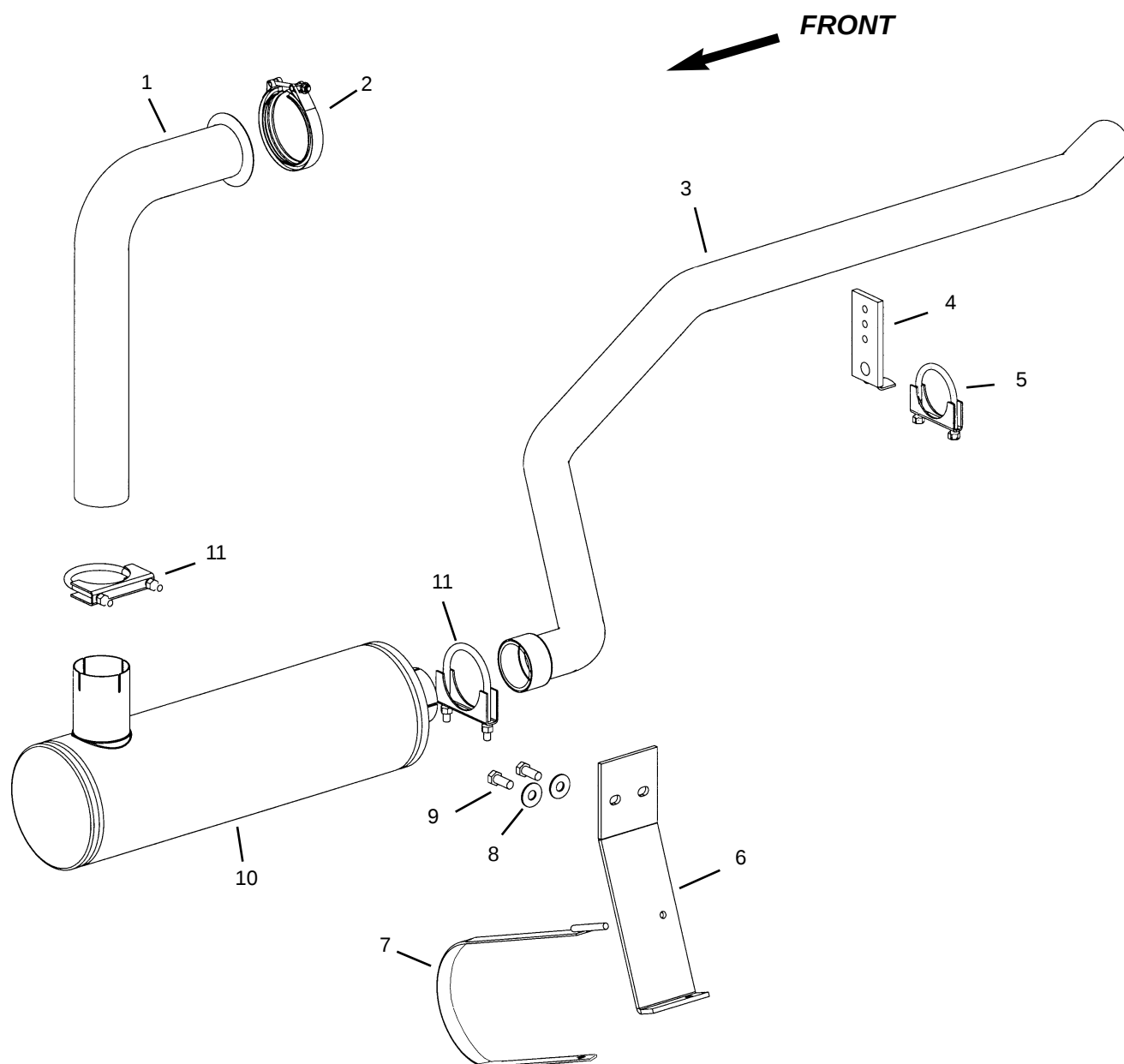
Air Intake - 99 H.P. Engine

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	136383	AIR CLEANER ASSEMBLY.1 (Includes 1-5)		09	103088	REDUCER, 3.84" - 3.25"1	
01	NSS	END CAP1		10	L51099	CLAMP, #52 SAEAR	
02	137659	EJECTOR/DUST1		11	183629	INDICATOR, RESTRICTION 30in. .1	
03	137498	ELEMENT, PRIMARY1		12	103271	ADAPTER, RUBBER W/TAP1	
04	137501	ELEMENT, SECONDARY1		13	L68545	INTAKE TUBE1	
05	NSS	HOUSING, AIR CLEANER1		14	102535	BRACKET1	
06	136443	CLAMP, AIR CLEANER MOUNT .1		15	L120041	90° RUBBER ELBOW, 3" DIA.1	
	L50235	5/16"X1-1/4" BOLT2				-- OPTIONAL PRECLEANER --	
	L50056	5/16" WHIZ NUT2		16	102974	REDUCER, 4" - 3"1	
07	L64863	INLET HOOD/CAP1		17	L64864	90° RUBBER ELBOW, 4" DIA.1	
08	L51781	ADJUST. CLAMP, #72AR		18	101926	PRECLEANER1	



Engine Exhaust

RS6-42/RS8-42/44





Telescopic Handler

Engine
Exhaust

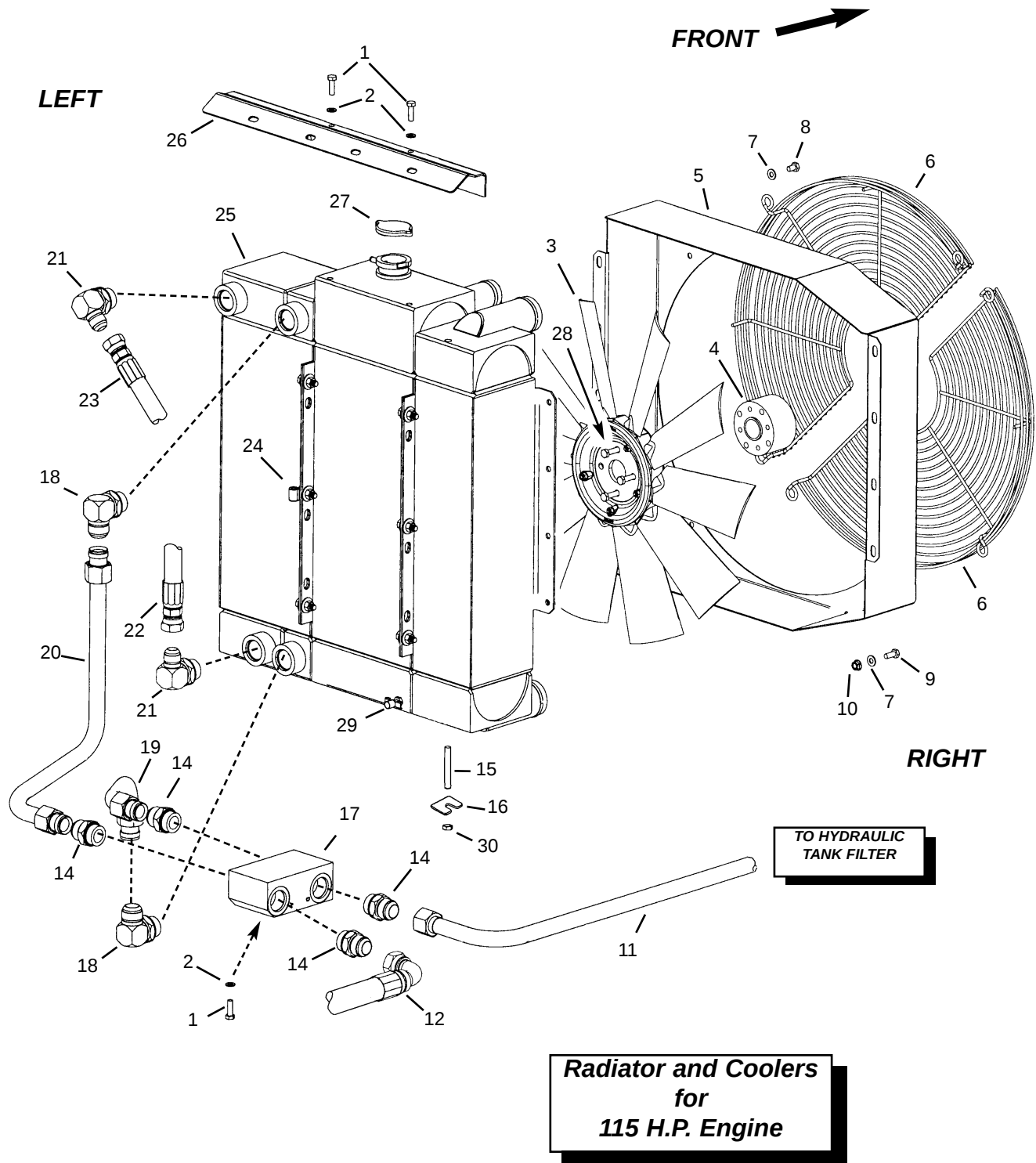
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		PIPE, OUTLET EXHAUST	1	09	L50705	M12-1.75X30 C8 BOLT	2
	105214	<i>Note a</i>		10		MUFFLER	1
	L68544	<i>Note b</i>			104976	<i>Note a</i>	
02	L99434	TURBO CLAMP	1		L64821	<i>Note b</i>	
03		TAIL PIPE	1	11	L60492	CLAMP 3"	2
	104460	<i>Note a</i>					
	L65018	<i>Note b</i>					
04	L64764	HANGER	1			-- ITEMS NOT SHOWN --	
	L50261	3/8"-16X1-1/2" BOLT	1	00		CATALYTIC PURIFIER (option) . . .	1
	L50145	3/8" FLAT WASHER	1		105820	<i>Note a</i>	
	L520005	3/8"-16 NYLON INSERT NUT	1		L68796	<i>Note b</i>	
05		MUFFLER CLAMP	1				
	L60492	<i>Note a (3")</i>					
	L120047	<i>Note b (2-1/2")</i>		a		Units equipped with a 115 H.P. engine. (electronic throttle pedal)	
06	L64572	BRACKET	1				
07		STRAP	1	b		Units equipped with a 99 H.P. engine. (manual throttle pedal)	
	104978	<i>Note a</i>					
	L64572	<i>Note b</i>					
	L50367	3/8"-16X1" BOLT	1				
	L50145	3/8" FLAT WASHER	1				
	L520005	3/8"-16 NYLON INSERT NUT	1				
08	L50151	1/2" FLAT WASHER	2				



Engine

RS6-42/RS8-42/44

Radiator and Coolers (115 H.P. Engine) - Part 1 of 2



**Telescopic Handler****Engine****Radiator and Coolers (115 h.p. Engine) - Part 1 of 2**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	650487	5/16"-18X1" BOLT	AR	17	102072	COLD START BYPASS	1
02	654024	5/16" LOCK WASHER	AR	18	L51621	ADAP., -16ORM -16JICM 90°. . . .	2
03	104454	FAN, SUCTION 22"	1	19	105624	TUBE, LOWER (HOC)	1
04	L70521	SPACER, FAN 2"	1	20	105623	TUBE, UPPER (HOC)	1
05	105563	FAN SHROUD	1	21	L61092	ADAP., -16ORM -12JICM 90°. . . .	2
06	104455	FAN GUARD	2	22	102850	HOSE, -12 A12/DS12 102"	1
07	650810	5/16" FLAT WASHER	AR	23	L63406	HOSE, -12 A12/DS12 114"	1
08	650484	5/16"X1/2" BOLT	AR	24	L47212	CLAMP, VINYL 3/8"	1
09	650486	5/16"X3/4" BOLT	AR	25 ^a	104436	RADIATOR/COOLER ASSY.	1
10	L50056	5/16"-18 WHIZ NUT	AR	26	104458	MOUNT, TOP HOOD	1
11	L64599	TUBE ASSEMBLY	1	27 ^a	104932	RADIATOR CAP	1
12	105691	HOSE, -16 A16/DS16 29"	1	28	656117	M10-1.5X70, BOLT	4
		(To main valve.)	1	29	L40805	RADIATOR DRAIN VALVE	1
14	L51590	ADAP., -16ORM -16JICM ST.	4	30	L50061	3/8" WHIZ LOCK NUT.	4
15	210148	3/8"-16X2" STUD	4				
16	210149	3/8" SHIM, SLOTTED	4				

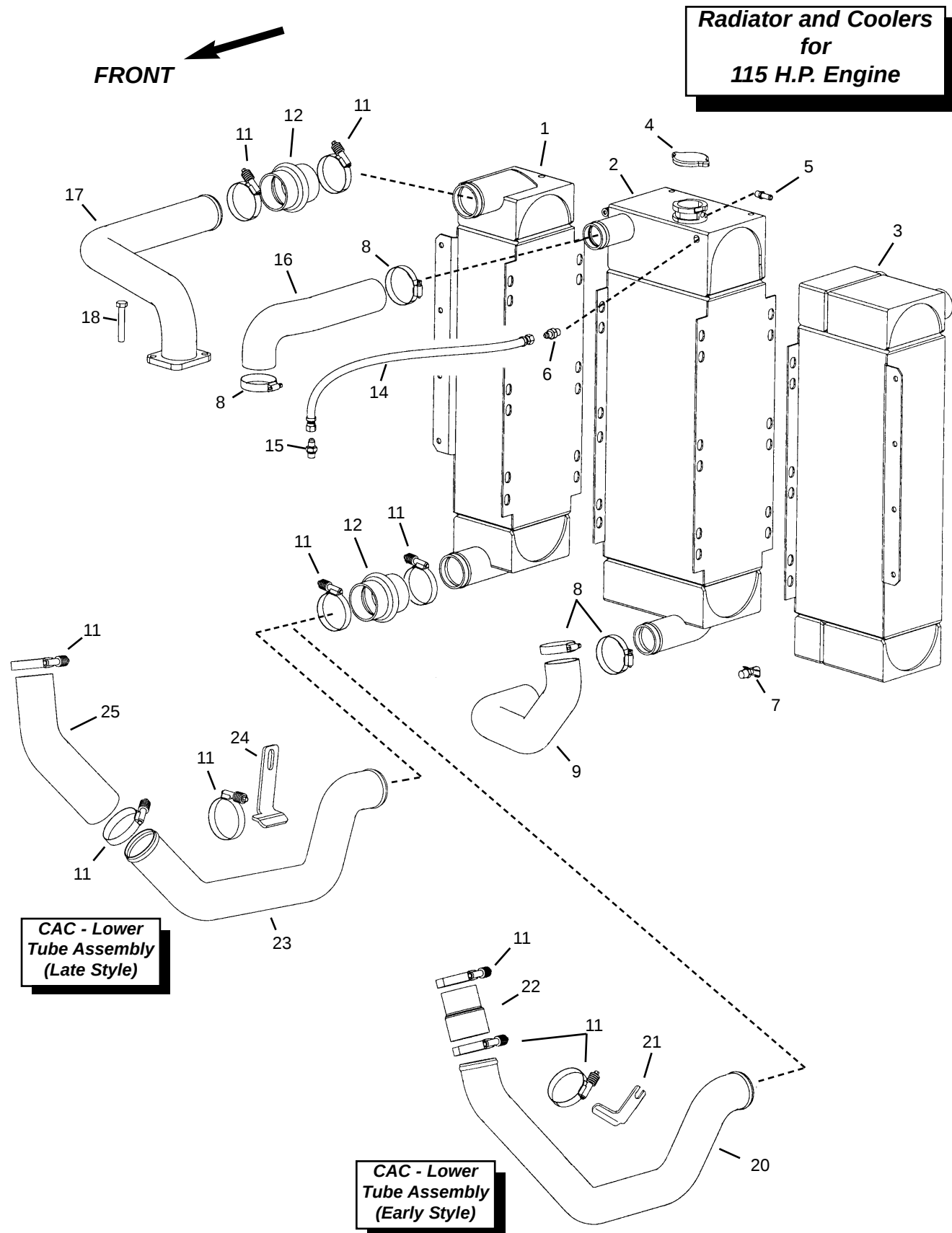
a Radiator cap included with radiator assembly.



Engine

RS6-42/RS8-42/44

Radiator and Coolers (115 H.P. Engine) - Part 2 of 2





Telescopic Handler

Engine

Radiator and Coolers (115 h.p. Engine) - Part 2 of 2

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104929	CHARGE AIR COOLER (section) . . .1				-- Early Style --	
02	104930	RADIATOR (section)1		20 ^b	NSS	CAC LOWER TUBE1	
03	104931	COOLER, TRANS/HYD.(section) . .1		21 ^c	210044	BRACKET, PIPE SUPPORT1	
04 ^a	104932	RADIATOR CAP1		22 ^c	104885	HOSE, 2" ID X 2-1/4" ID STR.1	
05	NSS	ADAPTER1				-- Later Style --	
06	105192	ADAP., ST MJ04 MM121		23 ^d	210138	CAC LOWER TUBE1	
07	L40805	RADIATOR DRAIN VALVE1		24 ^d	210171	BRACKET, PIPE SUPPORT1	
08	L76020	HOSE CLAMP, #32 SAE4		25 ^d	210137	HOSE, 2" ID X 2-1/4" ID 45°1	
09	104451	HOSE, LOWER RADIATOR1					
11	105175	CLAMP, HOSE #36 / TENSION . . .7		a		Radiator cap sold separately.	
12	104452	HOSE, SILICONE 2-1/4"2		b		Order Kit PN 210050; includes components used with later style CAC lower tube assembly	
14	105193	HOSE, -4 FJSO4 FJSO4 20"1					
15	105192	ADAP., ST MJ04 MM121		c		Used on units with early style CAC Lower Tube assembly.	
16	104450	HOSE, UPPER RADIATOR1					
17	104449	UPPER CHARGE AIR TUBE1		d		Used on units with later style CAC Lower Tube assembly.	
18	656013	M10X60, BOLT2					

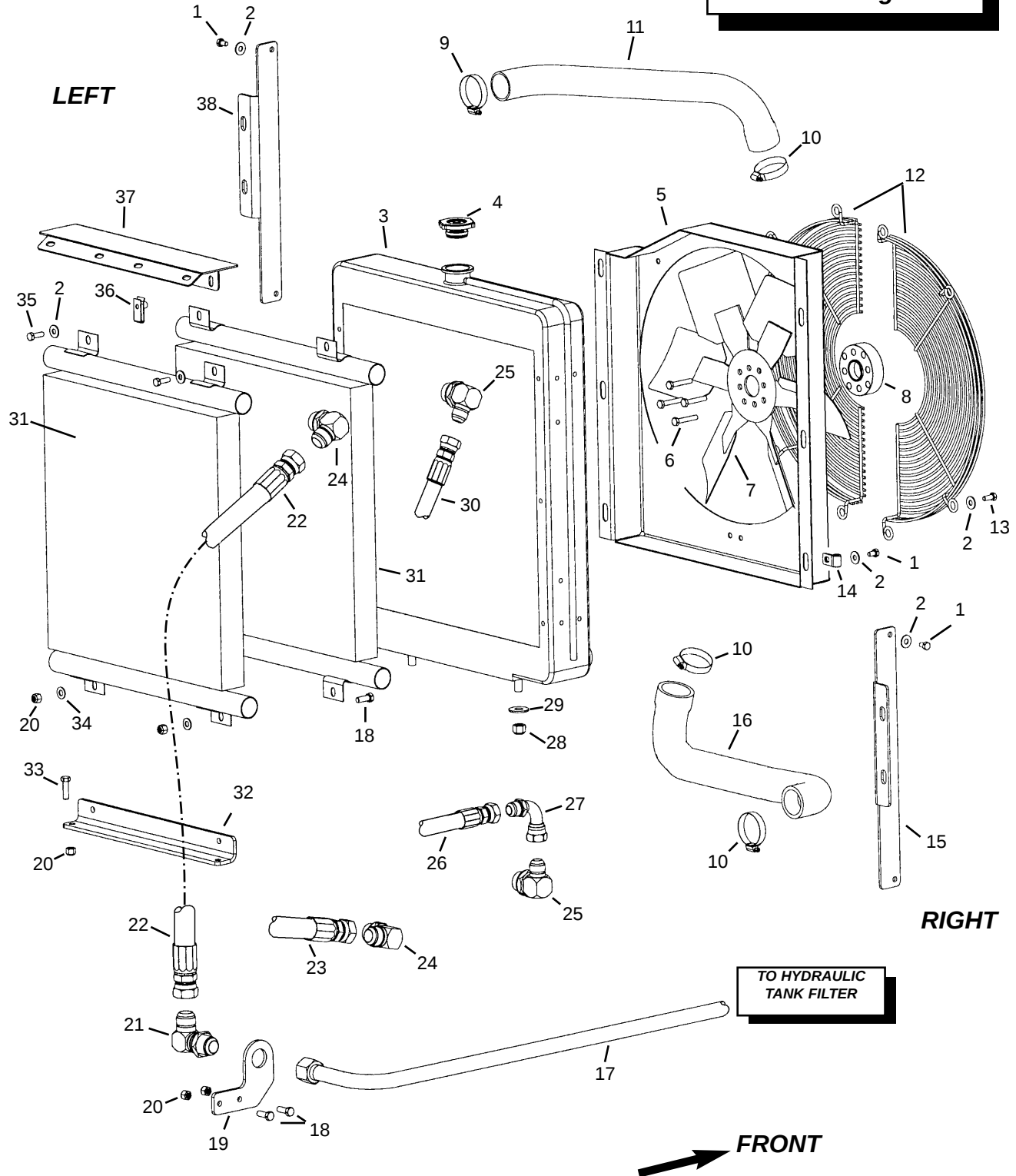


Engine

Radiator and Coolers (99 H.P. Engine)

RS6-42/RS8-42/44

**Radiator and Coolers
for
99 H.P. Engine**





Engine

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50228	5/16"-18X1/2" BOLT	AR	22	103158	HOSE, -16 A16/A16 20"	1
02	L50141	5/16" FLAT WASHER	AR	23	102849	HOSE -16 A16/A16 42"	1
03 ^a	L45934	RADIATOR	1	24	L51621	ADAP, -16ORM -16JICM 90°	2
04 ^a	102063	CAP, RADIATOR 10LB.	1	25	L61092	ADAP, -16ORM -12JICM	2
05	L66515	FAN SHROUD	1	26	102850	HOSE -12 A12/DM12 102"	1
06	L50667	M8-1.25X45M BOLT	4	27	102776	ADAP, -12JICFS -12JICM 90°	1
07	L66265	FAN	1	28	L520019	1/2"-13 NYLON INSERT NUT	2
08	L66709	FAN SPACER	1	29	L50151	1/2" FLAT WASHER	2
09	L76084	HOSE CLAMP #24 SAE	1	30	102850	HOSE, -12 A12/DM12 102"	1
10	L76020	HOSE CLAMP #32 SAE	3	31	L450002	OIL COOLER	2
11	L68539	UPPER HOSE, RADIATOR	1	32	105123	MOUNT, OIL COOLER	2
12	L63665	FAN GUARD (Half)	2	33	L50403	3/8"X1-1/4" BOLT	AR
13	L50230	5/16"-18X3/4" BOLT	AR	34	L50145	3/8" FLAT WASHER	AR
14	L47212	VINYL CLAMP 3/8" HOSE	2	35	L50823	5/16"-18X1" BOLT	AR
15	105133	MOUNT, R.H.	1	36	L530004	5/16" NUT RETAINING CLIP	AR
16	L68580	LOWER HOSE, RADIATOR	1	37	105131	MOUNT, TOP HOOD	1
17	L64599	HYDRAULIC TUBE (to HYDRAULIC tank filter)	1	38	105133	MOUNT, L.H.	1
18	L50367	3/8"X1" BOLT	AR				
19	105638	MOUNT, HYD. RETURN TUBE	1			-- ITEMS NOT SHOWN --	
20	L520005	3/8"-16 NYLON INSERT NUT	AR				
21	L62943	ADAP. -16JICM BULKHD 90°	1	00	L40805	RADIATOR DRAIN VALVE	1

a Radiator cap included with radiator.

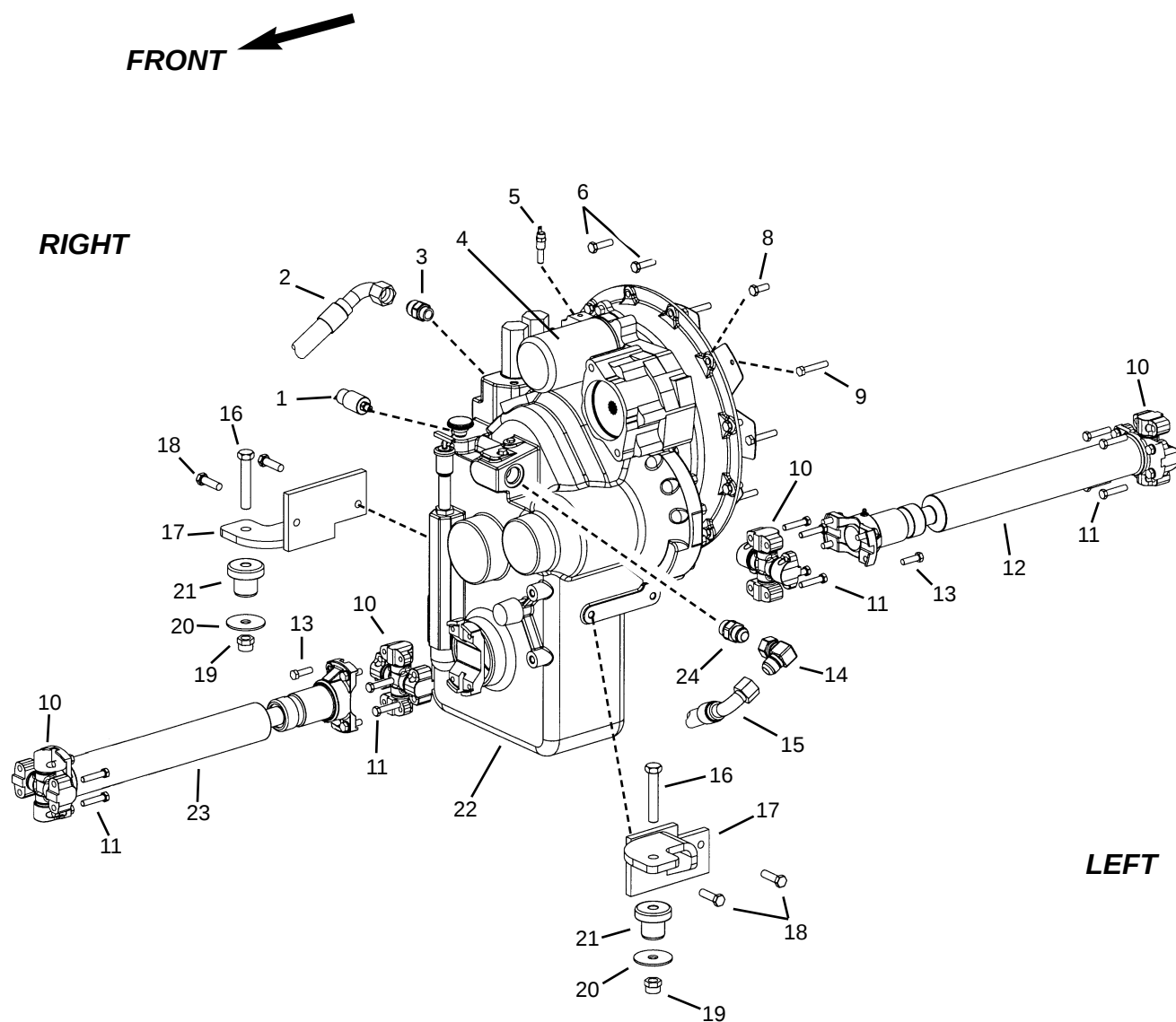
22	HYDRAULIC COOLER "UPPER"	BULKHEAD (<i>connects hyd. tube to in-tank hyd. filter</i>)
23	HYDRAULIC COOLER "LOWER"	MAIN VALVE "OUT"
26	TRANSMISSION COOLER "LOWER"	TRANSMISSION (<i>left side - just under hyd. pump</i>)
30	TRANSMISSION COOLER "UPPER"	TRANSMISSION (<i>top right side - near filter</i>)



Transmission

RS6-42/RS8-42/44

External Components and Driveshaft





Telescopic Handler

Transmission

External Components and Driveshaft

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104425	SWITCH, REVERSE PRESSURE .	1	17	102199	TRANS MOUNT	2
	L444070	ADAP, -3ORM (<i>not shown</i>)	1	18	L50704	M12X1.75X40mm BOLT	4
02		HOSE, -12 DS12/A12 102"	1	19	L520007	5/8"-11 NYLON INSERT NUT	2
	L63406	<i>Note e (114" long)</i>		20	L64197	WASHER, ISOLATOR MOUNT.	2
	102850	<i>Note f (102" long)</i>		21	L64124	MOUNT, VIBRATION ISOLATOR	2
03	L444007	ADAP, -10ORM -12JICM STR	1	22	102654	TRANSMISSION, 1106 T12000	1
04	L99184	FILTER, TRANSMISSION OIL	1	23	102211	DRIVESHAFT, FRONT	1
05	L66965	SENDER, TEMP 250 DEGREE	1			(<i>includes u-joints</i>)	
06 ^d	L50727	M10X1.5X35mm	2	24	L444001	ADAP, -12ORM -12JICM STR.	1
08	L50952	M10X1.5X25mm	10				
09 ^c	L50833	3/8"-24X2" GRADE 8 BOLT	8				
10	L99182	UNIVERSAL JOINT	4	a		Used to fasten universal joint to transmission and to axle yokes.	
		(<i>includes bolts</i>)		b		Used to fasten universal joint to driveshaft.	
11 ^a	L50468	3/8"-24X1-3/4" GR8 BOLT	16	c		Used to fasten flex plate to flywheel.	
12	102212	DRIVESHAFT, REAR	1	d		Used to fasten wire harness bracket to transmission	
		(<i>includes u-joints</i>)					
13 ^b	650965	3/8"-24X1-1/4" GR 8 BOLT	8	e		Units equipped with a 115 H.P. engine. (electronic throttle pedal)	
	L50147	3/8" LOCK WASHER	8				
14	L446020	ADAP, -12JICM -12JICFS 90 DEG	1	f		Units equipped with a 99 H.P. engine. (manual throttle pedal)	
15	102850	HOSE, -12 DM12/A12 102"	1				
16	L50319	5/8"-11X3-1/2" BOLT	2				

HOSE LOCATOR

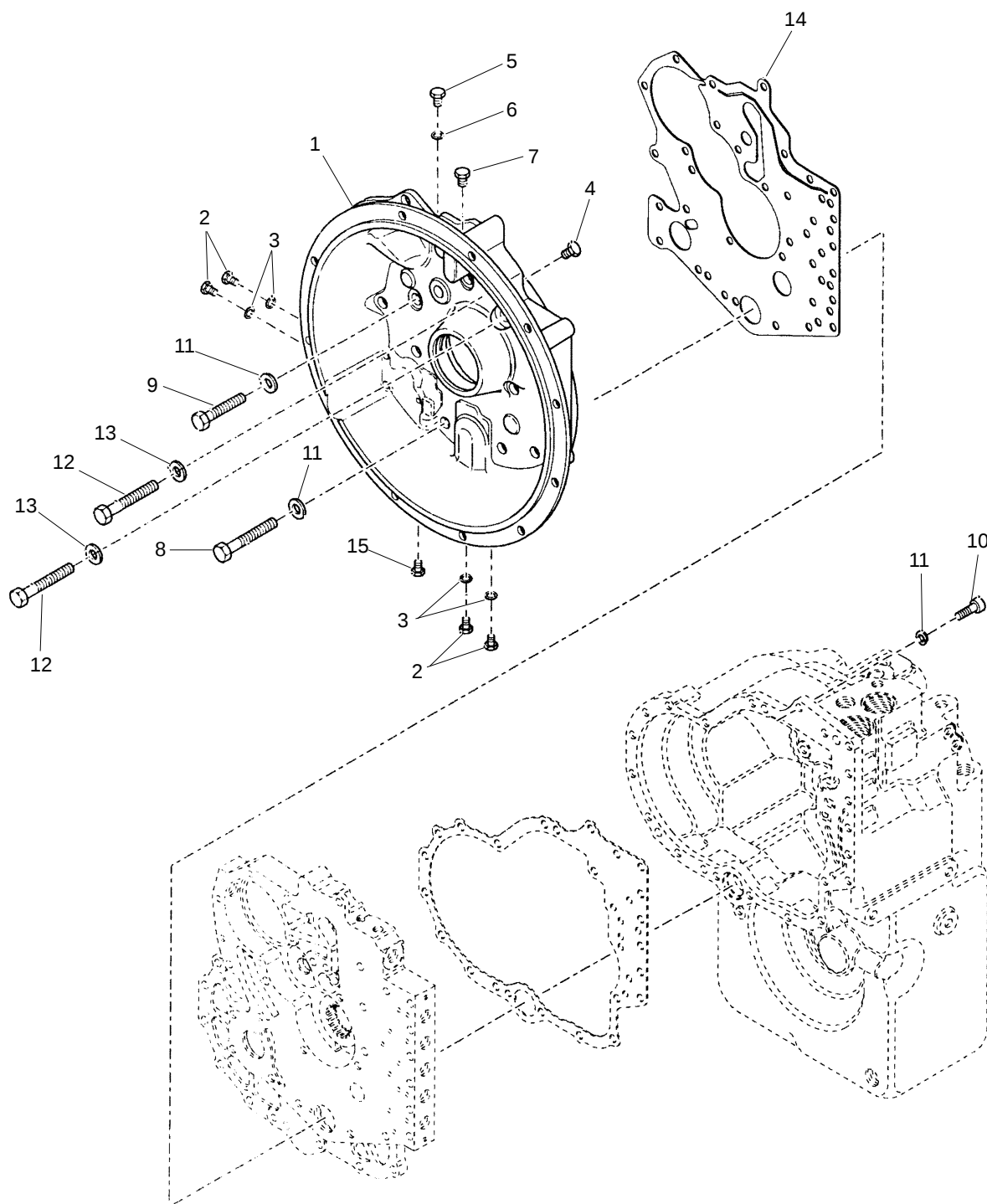
02	TRANSMISSION (<i>top right side - near filter</i>)	TRANSMISSION COOLER "UPPER"
15	TRANSMISSION (<i>left side - just under hyd. pump</i>)	TRANSMISSION COOLER "LOWER"



Transmission

Torque Converter Housing

RS6-42/RS8-42/44





Telescopic Handler

Transmission

Torque Converter Housing

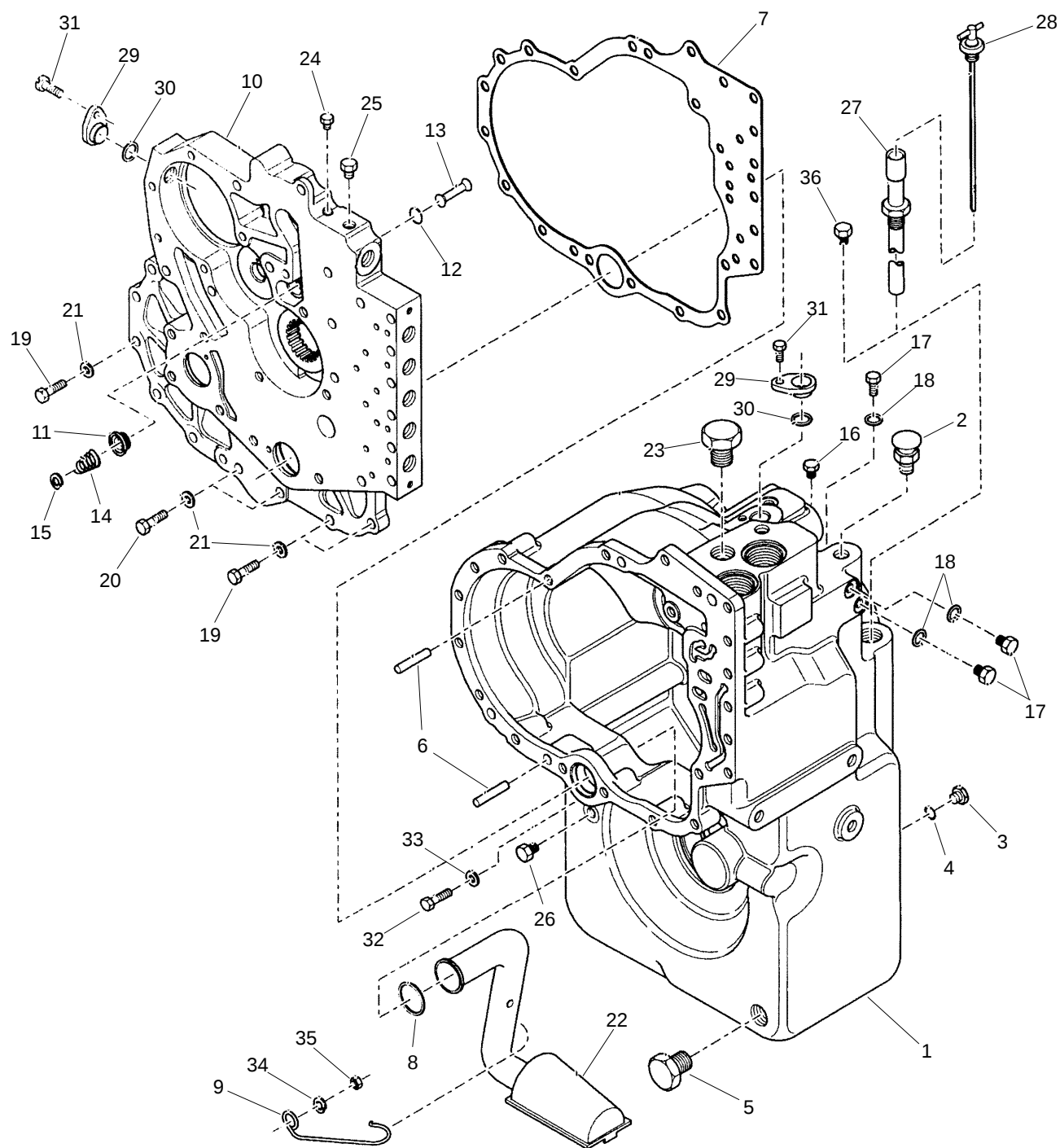
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L99286	HOUSING/CONVERTER	1	09	L99260	SCREW	3
02	NSS	PLUG	4	10	L99261	SCREW	1
03	L99284	O-RING / PLUG	4	11	L99029	WASHER/LOCK	10
04	L99246	PLUG	1	12	L99260	SCREW	13
05	NSS	PLUG	1	13	L99029	WASHER/LOCK	13
06	L99284	O-RING / PLUG	1	14	L98938	GASKET/HSG. TO PLATE.	1
07	L99262	PLUG	1	15	L99249	PLUG/TEMP PICKUP	1
08	L99285	SCREW	6				



Transmission

Case and Plate

RS6-42/RS8-42/44





Telescopic Handler

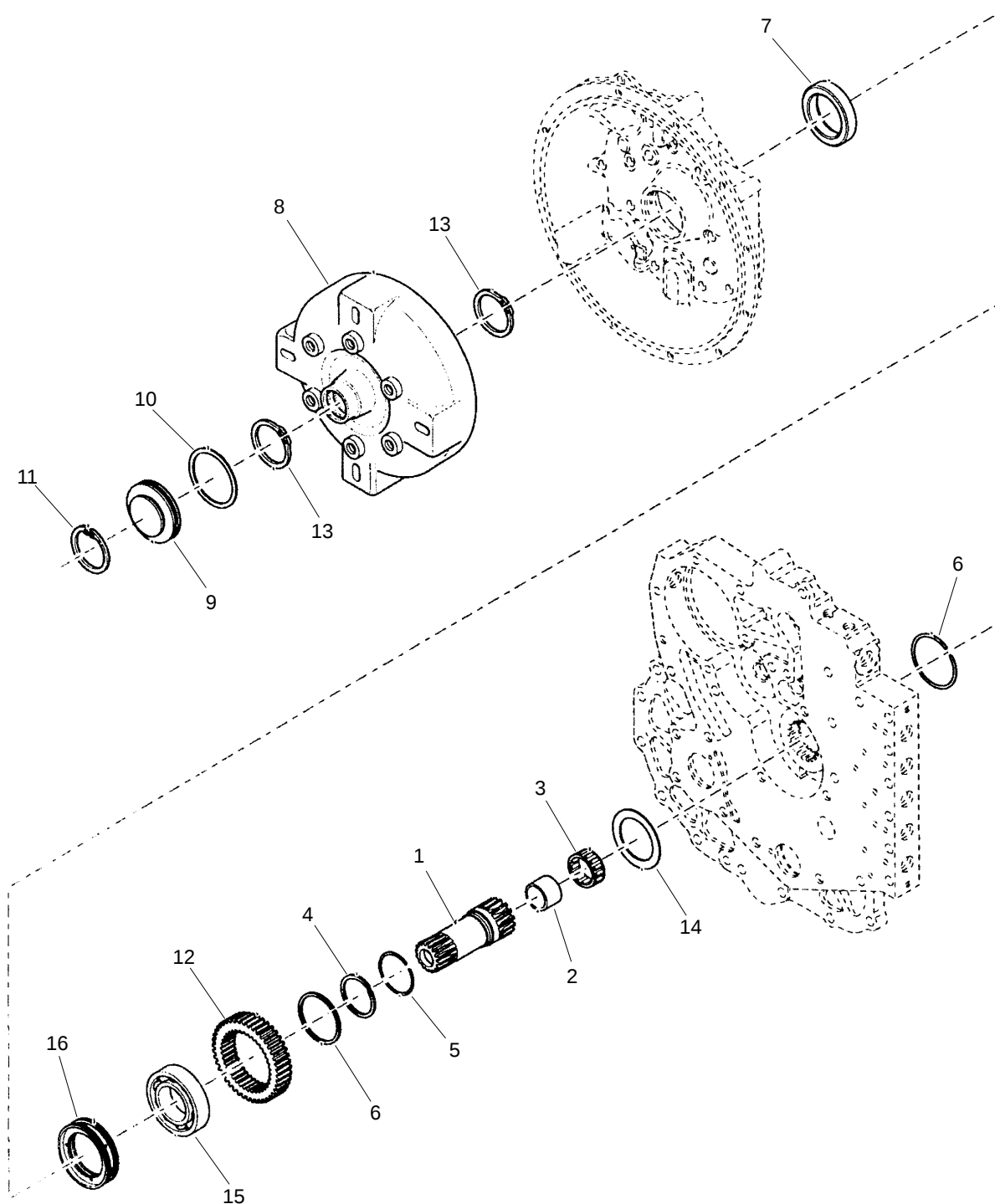
Transmission Case and Plate

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	CASE-TRANSMISSION	1	18	L99284	O-RING/PLUG	3
02	L94824	BREATHING/AIR	1	19	L99018	SCREW	7
03	L99251	PLUG	2	20	L99045	SCREW	2
		(includes item 4)		21	L99029	WASHER/LOCK	9
04	L99013	O-RING/PLUG	2	22	L98184	ASSY/TUBE & SCREEN	1
		(part of item 3)		23	L99274	PLUG	1
05	L99253	PLUG/MAGNETIC DRAIN	1	24	L99246	PLUG	1
06	L98927	PIN/DOWEL PLATE TO CASE	2	25	L99262	PLUG	1
07	L98926	GASKET/PLATE TO CASE	1	26	L99270	PLUG	1
08	L98185	RING/TUBE SEAL	1	27	L98734	TUBE/TRANS DIPSTICK	1
09	L98176	CLIP/OIL TUBE RETAINER	1	28	L98735	TRANS DIPSTICK TUBE	1
10	102949	PLATE, SPACER	1	29	L99287	PLUG	2
11	L98935	SEAT/SAFETY VALVE	1	30	L99312	O-RING	2
12	L98932	SNAP RING	1	31	L99288	SCREW	2
13	L98226	POPPET/SAFETY VALVE	1	32	L99285	SCREW	1
14	L98218	SPRING	1	33	L99294	WASHER/SEAL	1
15	L98217	WASHER/POPPET	1	34	L99295	WASHER/SCREW	1
16	L99246	PLUG	1	35	L99296	NUT	1
17	NSS	PLUG	3				



Transmission Torque Converter

RS6-42/RS8-42/44





Telescopic Handler

Transmission
Torque Converter

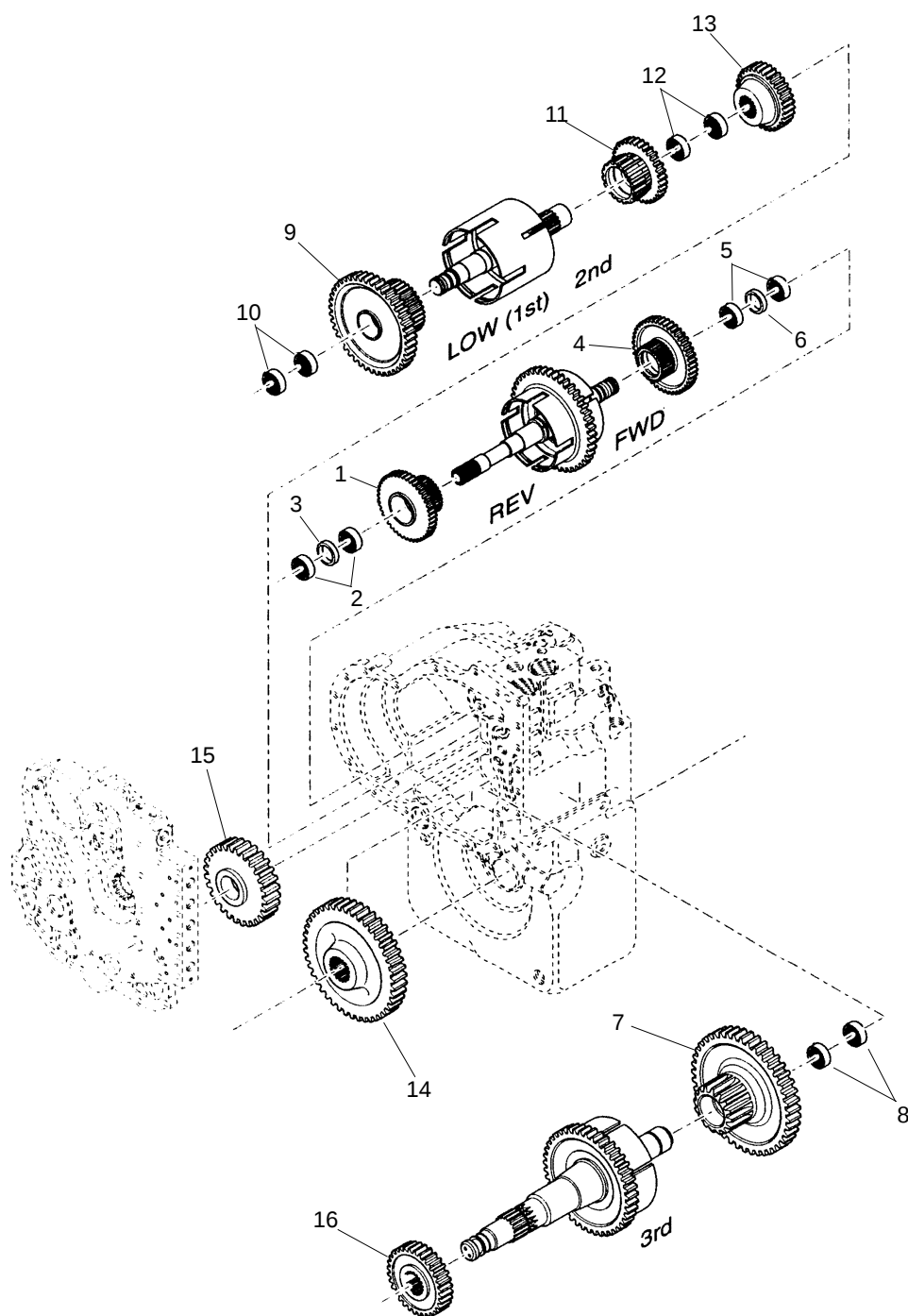
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98203	ASSY/STATOR SUPPORT	1	09	L98189	PLUG/BORE	1
02	L98204	BUSHING	1	10	L97525	O-RING/BORE PLUG	1
03	L98197	BEARING/FRONT	1	11	L97526	RING/RET. BORE PLUG	1
04	L98201	RING/PISTON	1	12	L98199	IMPELLER/HUB GEAR	1
05	L98202	EXPANDER/RING	1	13	L98191	SNAP RING/IMPELLER HUB	2
06	L98200	RING/SNAP	2	14	L98205	WASHER/HUB GEAR	1
07	L98194	SEAL/OIL CONV. HSG.	1	15	L98198	BEARING/TORQUE CONVERTER. 1	
08	L99313	ASSY/TORQUE CONVERTER	1	16	L98196	RING/OIL DISTRIBUTOR	1



Transmission

Gear Assembly

RS6-42/RS8-42/44





Telescopic Handler

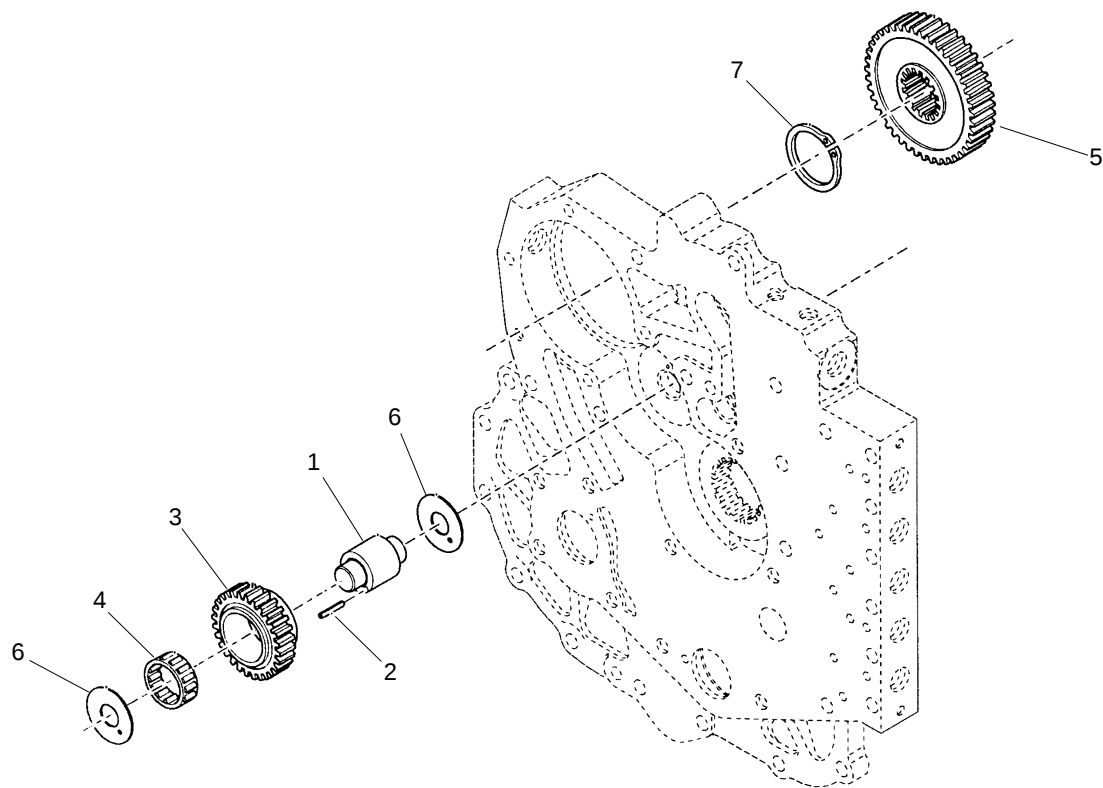
Transmission Gear Assembly

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	ASSY/REV. GEAR & BEARING . . . 1 (includes items 2 and 3)		08	L500480	BEARING-3RD CLUTCH GEAR . . . 2 (part of item 7)	
02	L98253	BEARING/NEEDLE 2 (part of item 1)		09	L98968	1st CLUTCH GEAR/BRG. ASSY . . . 1 (includes item 9)	
03	L98254	SPACER/CLUTCH GEAR 1 (part of item 1)		10	L98253	BEARING/NEEDLE 2 (part of item 9)	
04	NSS	ASSY/FOR. GEAR & BEARING . . . 1 (includes items 5 and 6)		11	L98276	2nd CLUTCH GEAR/BRG. ASSY . . 1 (includes item 12)	
05	L98253	BEARING/NEEDLE 2 (part of item 4)		12	L98253	BEARING/NEEDLE 2 (part of item 11)	
06	L98254	SPACER/CLUTCH GEAR 1 (part of item 4)		13	L98277	GEAR/THIRD DRIVEN - 18T 1	
07	L500407	ASY. 3RD CLUTCH GEAR 1 (includes item 8)		14	L98284	GEAR/OUTPUT SHAFT - 40T 1	
				15	L98955	GEAR/REVERSE IDLER - 28T 1	
				16	L500409	GEAR/FIRST DRIVEN - 27T 1	



Transmission
Drive Pump

RS6-42/RS8-42/44

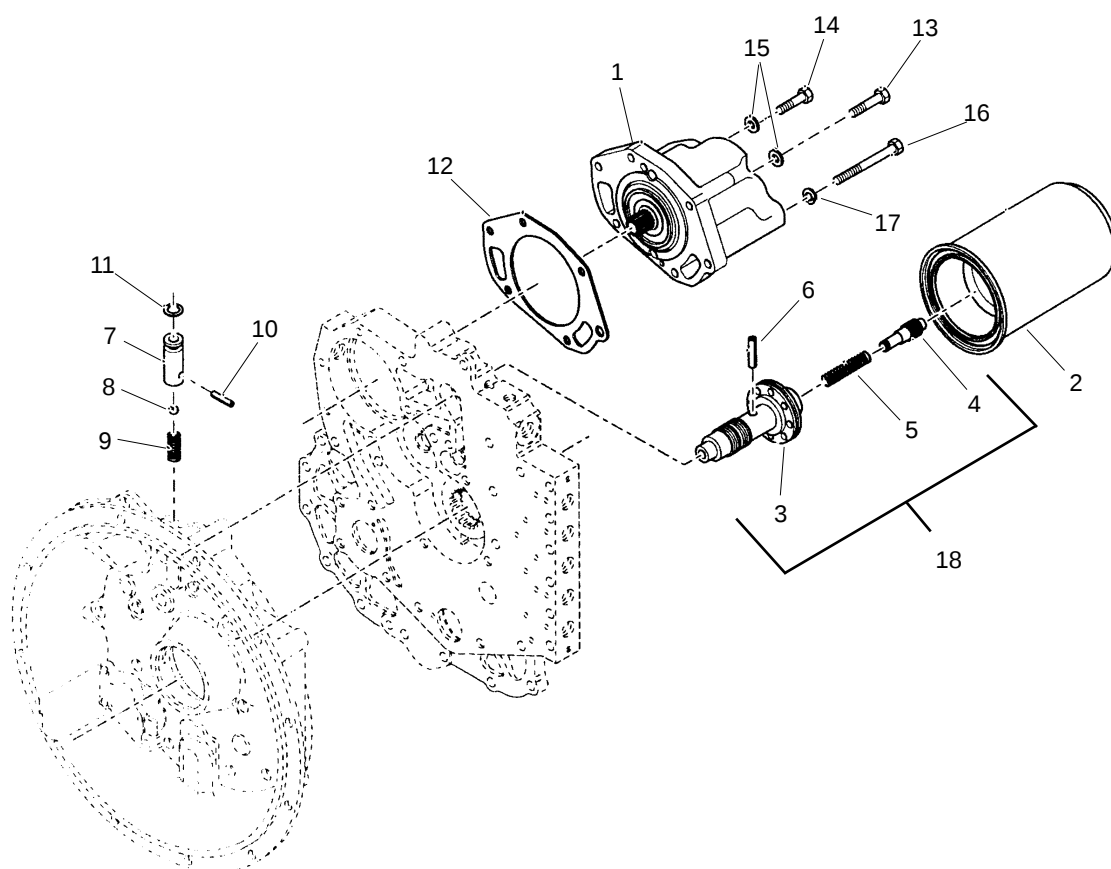


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98945	IDLER/SHAFT & PIN 1 (includes item 2)	1	04	L98943	BEARING/IDLER GEAR 1	1
02	L98947	ROLL PIN 1 (part of item1)	1	05	L98211	GEAR/DRIVE 1	1
03	L98944	GEAR/IDLER,PUMP DRIVE 1	1	06	L98942	WASHER/THRUST 2	2
				07	L98212	RING/SNAP 1	1



Telescopic Handler

Transmission Charge Pump



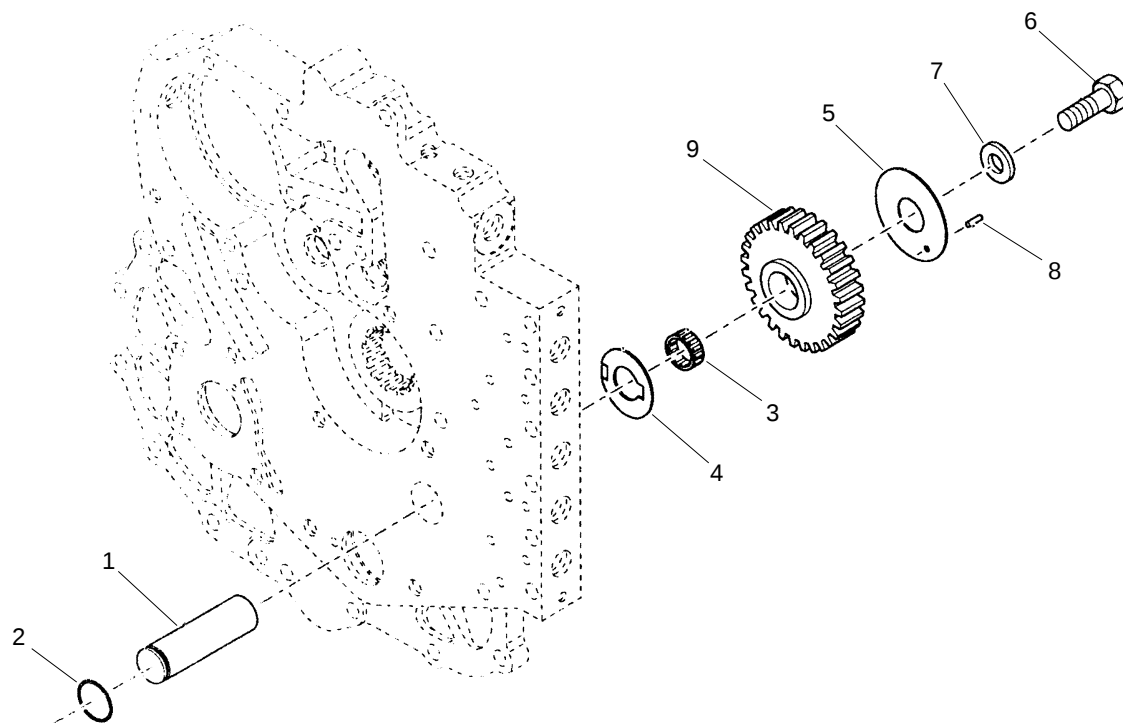
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98220	CHARGE PUMP / T12000.....	1	10	L98214	PIN.....	1
02	L99184	ASSY/ HYDRAULIC SPIN FILTER .	1	11	L98948	O-RING	1
03	L98953	SLEEVE.....	1	12	L98219	GASKET/CHARGE PUMP	1
04	L98950	PISTON	1	13	L99025	SCREW	4
05	L98951	SPRING.....	1	14	L99023	SCREW	1
06	L98224	PIN/CLARK TRANS.	1	15	L99020	WASHER/LOCK	5
07	L98949	ASSY/BALL CHECK VALVE	1	16	L99027	SCREW	1
		(includes items 8 thru 11)		17	L99029	WASHER/LOCK	1
08	L98215	BALL	1	18	L98954	ASY., REGULATOR VALVE.....	1
09	L98216	SPRING.....	1			(includes items 3-6)	



Transmission

Reverse Idler

RS6-42/RS8-42/44





Telescopic Handler

Transmission
Reverse Idler

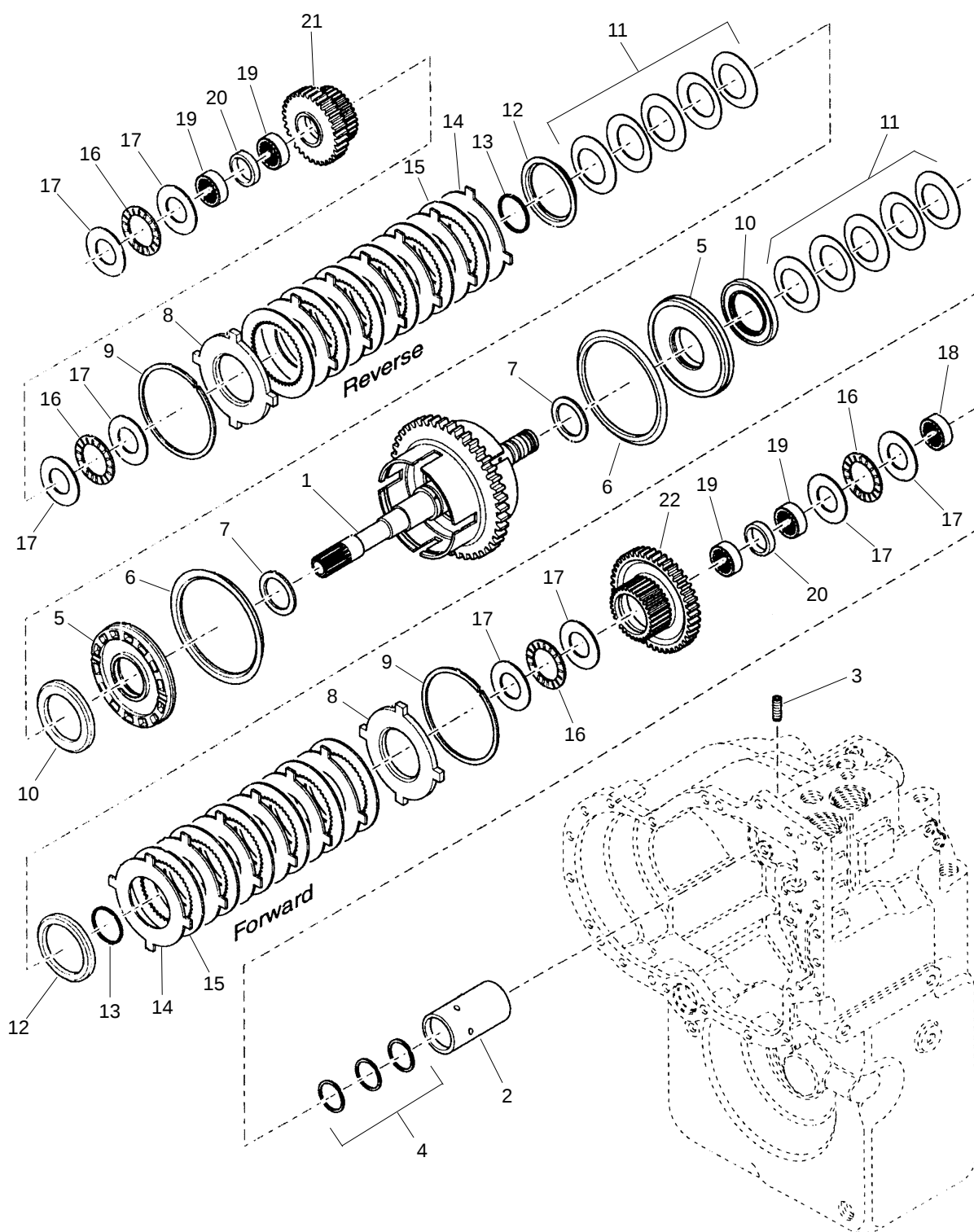
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98229	SHAFT IDLER & PILOT	1	05	L98232	END PLATE	1
02	L98228	RING/SNAP	1	06	L99031	CAPSCREW	1
03	L98231	BEARING/REV IDLER GEAR	1	07	L99032	WASHER	1
04	L98230	WASHER/THRUST	1	08	L98233	END PLATE	1



Transmission

Forward and Reverse

RS6-42/RS8-42/44





Telescopic Handler

Transmission Forward and Reverse

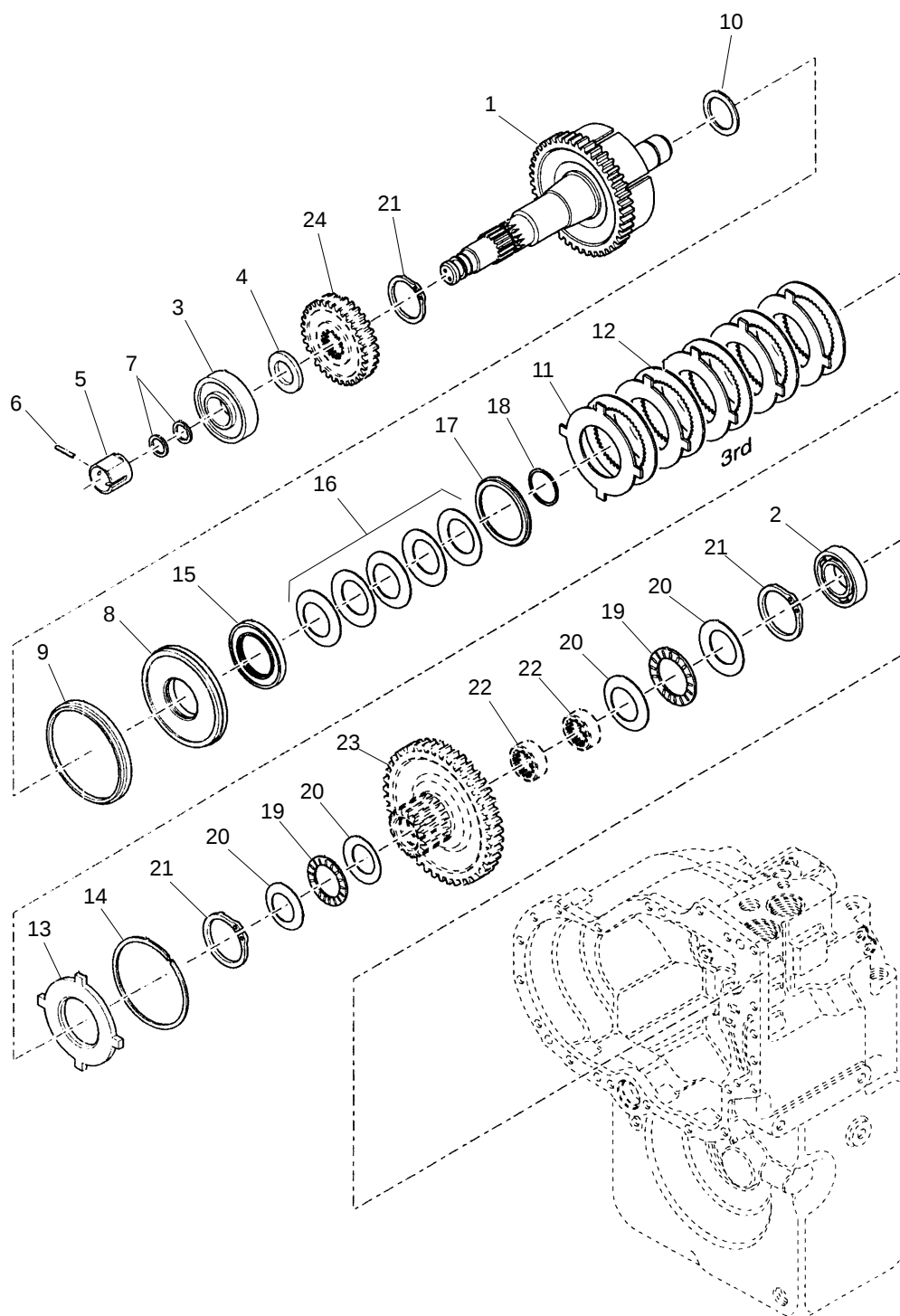
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98248	ASY/TURB SHFT DRUM & PLUG .	1	12	L98242	RETAINER.....	2
02	L98251	SLEEVE/OIL DISTRIBUTOR.....	1	13	L98241	RETAINER/SNAP RING	2
03	L98252	SCREW	1	14	L98240	CLUTCH/OUTER FWD.....	12
04	L98250	RING/PISTON	3	15	L98239	CLUTCH/INNER FWD.....	12
05	L99278	ASY/PISTON.....	2	16	L98236	BEARING.....	4
		<i>(includes items 6 and 7)</i>		17	L98235	WASHER/THRUST	8
06	L98246	SEAL/OUTER PISTON	2	18	L98249	BEARING/REAR	1
		<i>(part of item 5)</i>		19	L98253	BEARING/CLUTCH GEAR	4
07	L98247	SEAL/INNER PISTON.....	2	20	L98254	SPACER/CLUTCH GEAR.....	2
		<i>(part of item 5)</i>		21	L98962	ASSY/REV. AND BRG.	1
08	L98238	PLATE/END	2			<i>(includes items 19 and 20)</i>	
09	L98237	RING/SNAP	2	22	L98255	ASSY/FOR. GEAR AND BRG.	1
10	L98244	PLATE/WEAR	2			<i>(includes items 19 and 20)</i>	
11	L98961	ASY/DISC SPRING Pkg 5.....	2				



Transmission

Third Gear

RS6-42/RS8-42/44





Telescopic Handler

Transmission

Third Gear

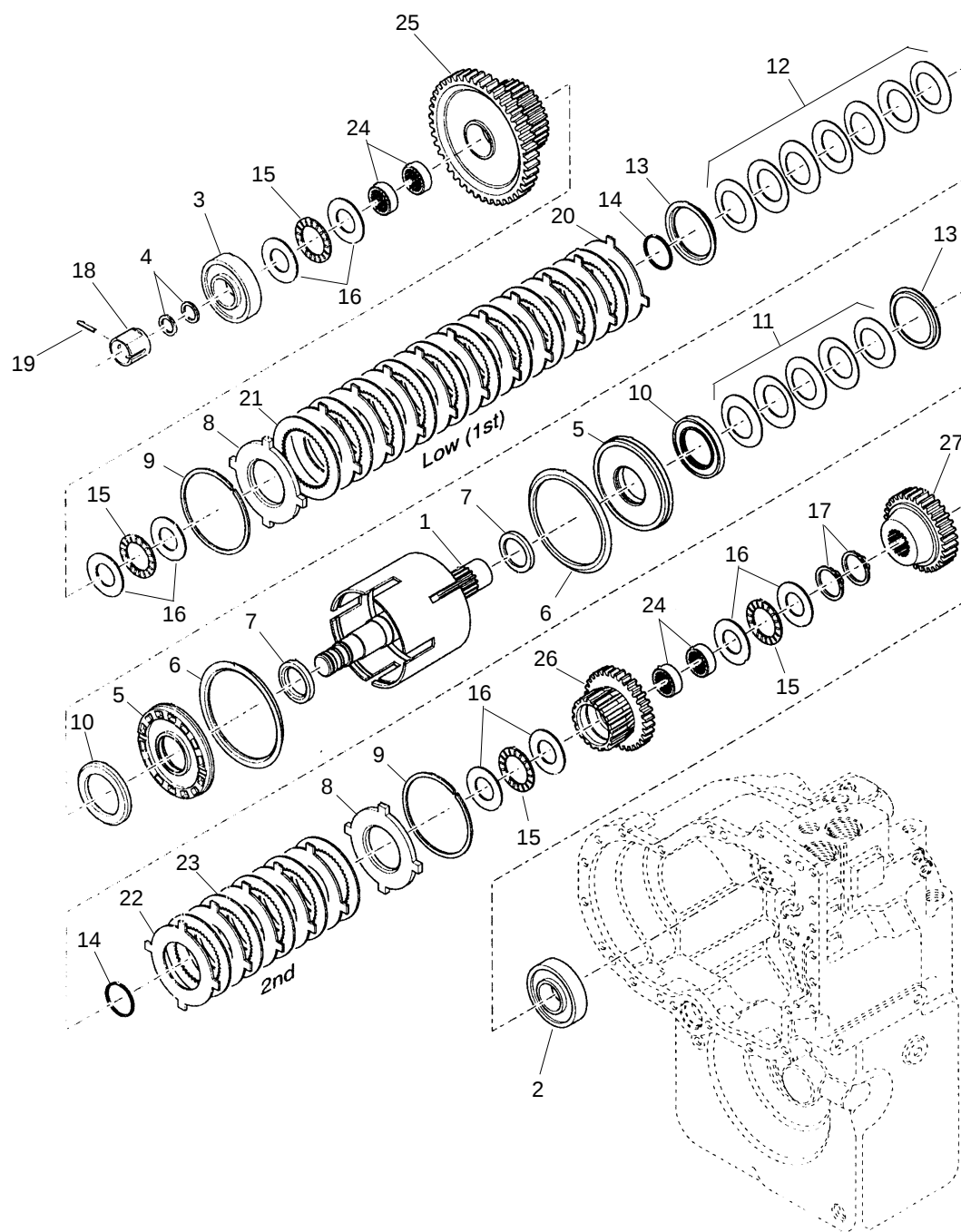
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500410	ASY-3RD SHAFT, DRUM & PLUG .	1	13	L98238	PLATE/END	1
02	L500411	BEARING-ROLLER	1	14	L98237	RING/SNAP	1
03	L500273	ASSY/BEARING & SEAL	1	15	L98244	RING/SNAP	1
04	L500412	WASHER-BEARING SUPPORT . . .	1	16	L98961	ASY/DISC SPRG PKG 5	1
05	L98258	SLEEVE/OIL DISTRIBUTOR	1	17	L98242	RETAINER	1
06	L98257	SCREW/SLEEVE LOCK	1	18	L98241	RETAINER/SNAP RING	1
07	L98250	RING/PISTON	2	19	L500413	BEARING-THRUST NEEDLE	2
08	L99279	ASSY/CLTCH PISTON & BALL . . .	1	20	L500414	WASHER/CLTCH GEAR THRUST .	4
09	L98246	SEAL/OUTER PISTON	1	21	L99696	RING/SNAP	3
10	L98247	SEAL/INNER PISTON	1	22	L500408	BEARING-3RD CLUTCH GEAR . . .	2
11	L98240	CLUTCH/OUTER FWD	5	23	L500407	ASY. 3RD CLUTCH GEAR	1
12	L98239	CLUTCH/INNER FWD	5	24	L500409	GEAR-FIRST DRIVEN	1



Transmission

First and Second Gear

RS6-42/RS8-42/44





Telescopic Handler

Transmission First and Second Gear

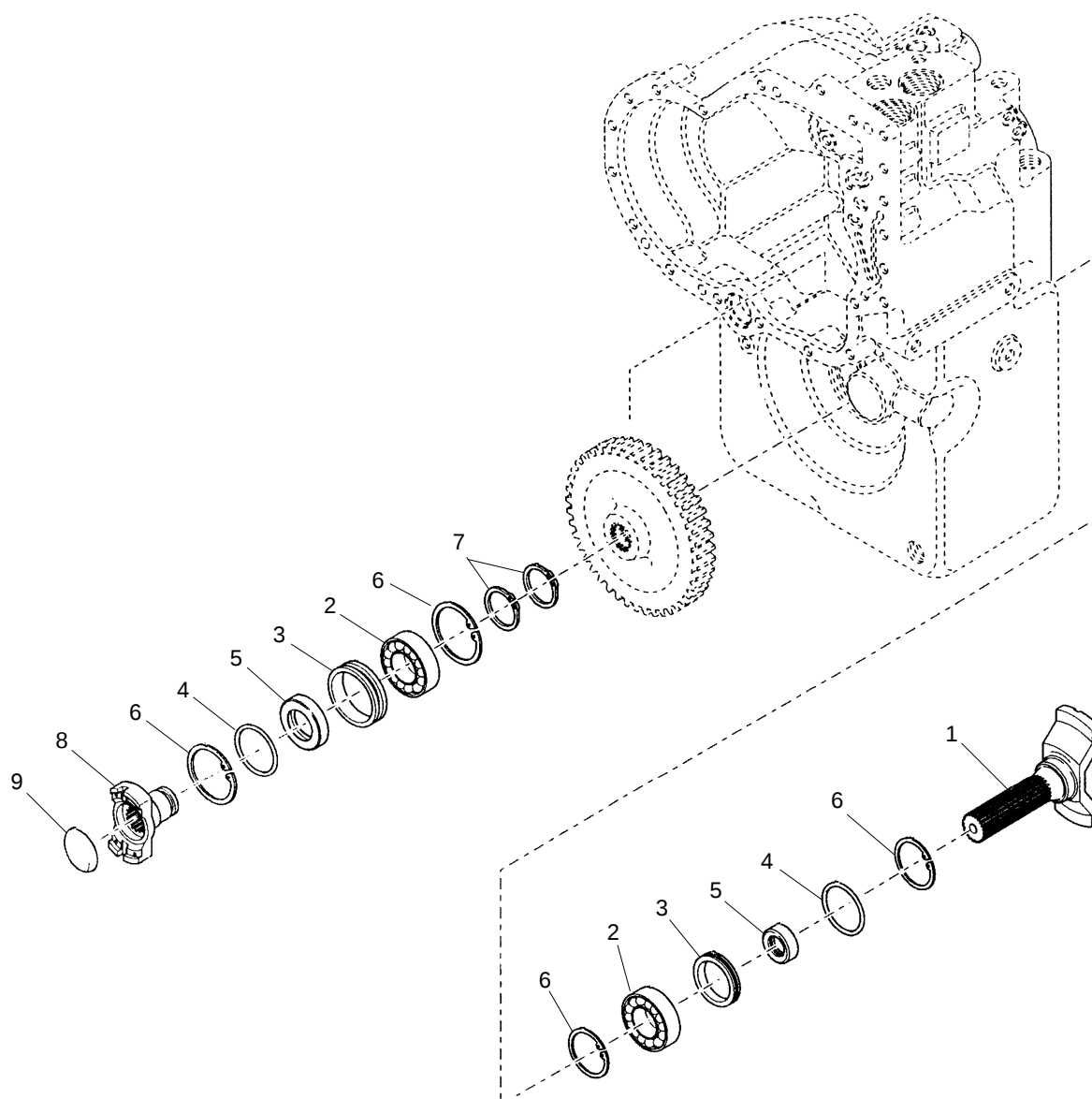
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98274	ASY-1ST 2ND SHAFT	1	16	L98235	WASHER/THRUST	8
02	L98275	BEARING/REAR	1	17	L98260	RING/SNAP	2
03	L500273	ASSY/BEARING & SEAL	1	18	L98272	SLEEVE/OIL DISTRIBUTOR	1
04	L98250	RING/PISTON	2	19	L98257	SCREW/SLEEVE LOCK	1
05	L99038	PISTON/CLUTCH & SEALS	2	20	L98240	CLUTCH/OUTER FWD	10
06	L98246	SEAL/OUTER PISTON	2	21	L98239	CLUTCH/INNER FWD	10
07	L98247	SEAL/INNER PISTON	2	22	L98240	CLUTCH/OUTER FWD	5
08	L98238	PLATE/END	2	23	L98239	CLUTCH/INNER FWD	5
09	L98237	RING/SNAP	2	24	L98253	BEARING/CLUTCH GEAR	4
10	L98244	PLATE/WEAR	2	25	L98968	1ST CLUTCH GEAR/BRG ASSY . . 1 (includes item 24)	
11	L98961	ASSY/DISC SPRG PKG 5	1				
12	L98967	SPRING/DISC ASSY PKG (7)	1	26	L98276	2ND CLUTCH GEAR/BRG ASSY . . 1 (includes item 24)	
13	L98242	RETAINER	2				
14	L98241	RETAINER/SNAP RING	2	27	L98277	GEAR/3RD DRIVEN	1
15	L98236	BEARING	4				



Transmission

Output Shaft

RS6-42/RS8-42/44





Telescopic Handler

Transmission Output Shaft

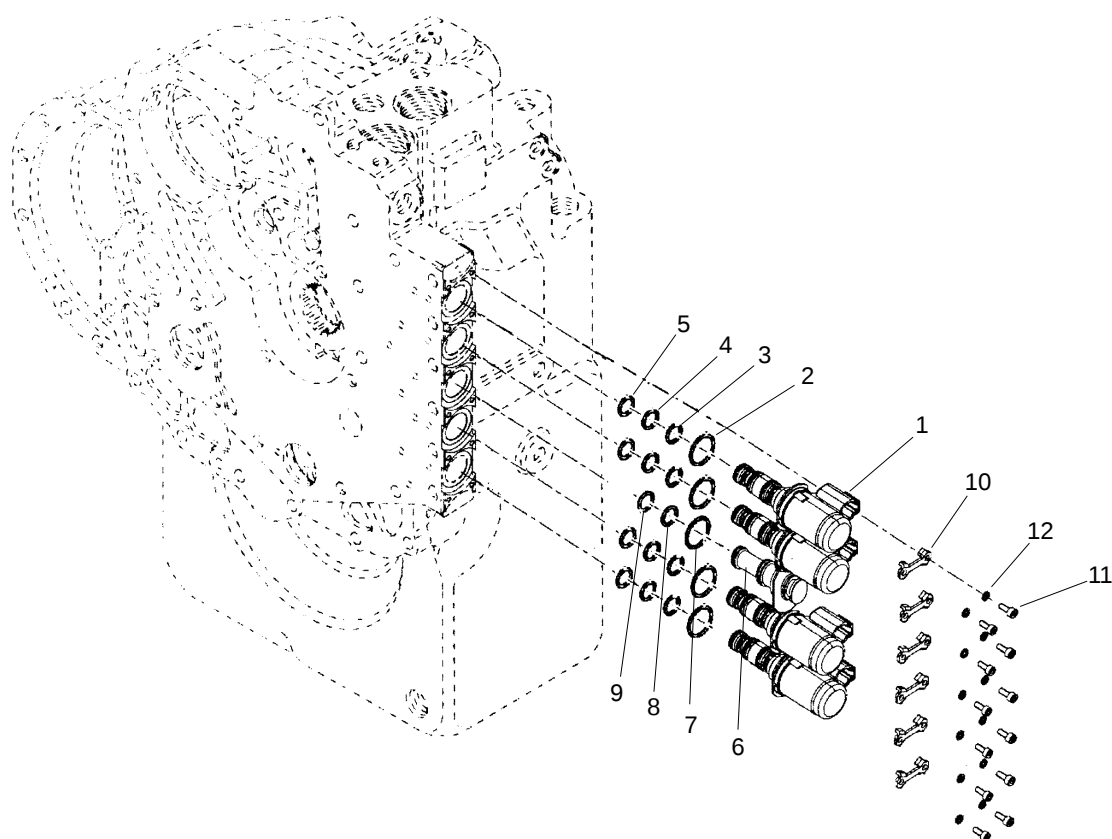
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500274	SHAFT/OUTPUT	1	06	L98264	RING/SNAP	4
02	L98282	BEARING/SHAFT	2	07	L98266	RING/SNAP	2
03	L98281	SLEEVE/OIL SEAL	2	08	L98279	FLANGE/OUTPUT & PLUG ASSY .	1
04	L98268	O-RING/SLEEVE	2	09	L98278	PLUG/FLANGE	1
05	L96053	SEAL/OUTPUT SHAFT OIL	2				



Transmission

Electronic Controllers

RS6-42/RS8-42/44





Telescopic Handler

Transmission Electronic Controllers

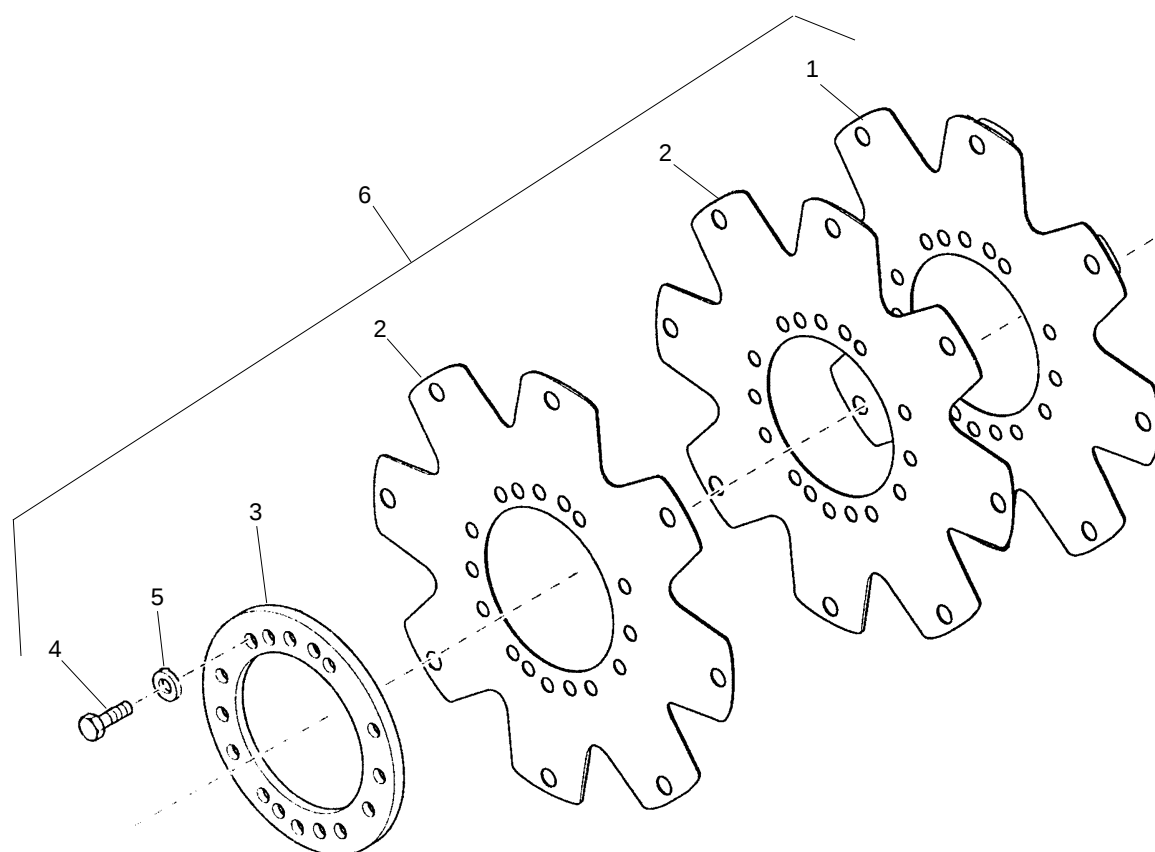
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102950	SOLENOID, W / DEUTSCH CON. . 4 <i>(includes items 2 thru 5)</i>		07	102956	O-RING, 18.0 X 2.20MM 1 <i>(included with item 6)</i>	
02	102951	O-RING, 21.5 X 1.5MM 4 <i>(included with item 1)</i>		08	102952	O-RING, 15.1 X 1.60MM 1 <i>(included with item 6)</i>	
03	102952	O-RING, 15.1 X 1.60MM 4 <i>(included with item 1)</i>		09	102954	O-RING, 12.1 X 1.60MM 1 <i>(included with item 6)</i>	
04	102953	O-RING, 14.1 X 1.60MM 4 <i>(included with item 1)</i>		10	102957	CLAMP, SOLENOID 6	
05	102954	O-RING, 12.1 X 1.60MM 4 <i>(included with item 1)</i>		11	102958	CAPSCREW 12	
06	102955	PLUG, SOLENOID BORE 1 <i>(includes items 7, 8 and 9)</i>		12	102959	WASHER, PLAIN. 12	



Transmission

RS6-42/RS8-42/44

Drive Plate

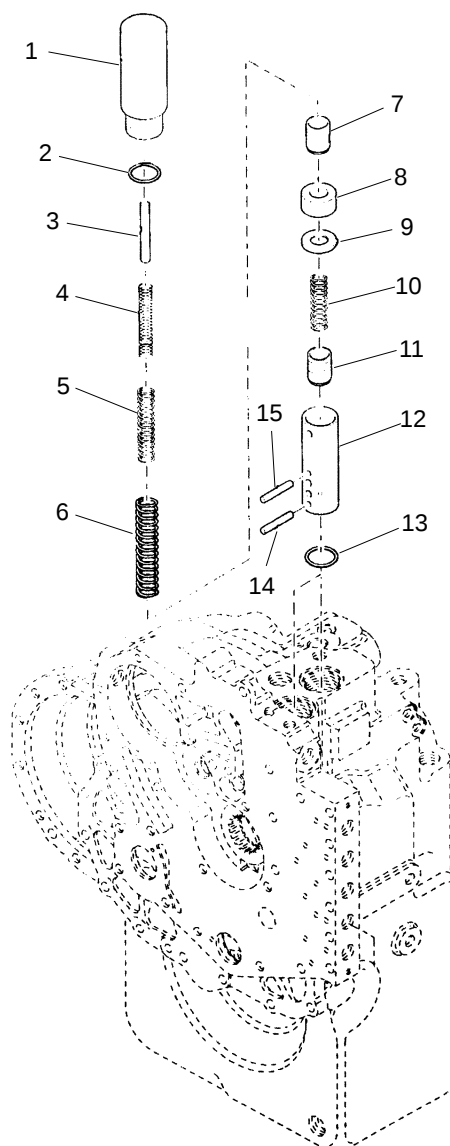


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	ASSY/DRIVE PLATE.....1 (included in item 6)		04	L99785	SCREW/DRIVE PLATE MNTG 6	
02	NSS	DRIVE PLATE 2 (included in item 6)		05	L99030	LOCKWASHER/DRIVEPLATE 6	
03	L98316	RING/DRIVE PLATE BACKING ... 1		06	L98317	KIT/DRIVE PLATE ASSY 1 (includes items 1 thru 5)	



Telescopic Handler

Transmission Modulation Valve



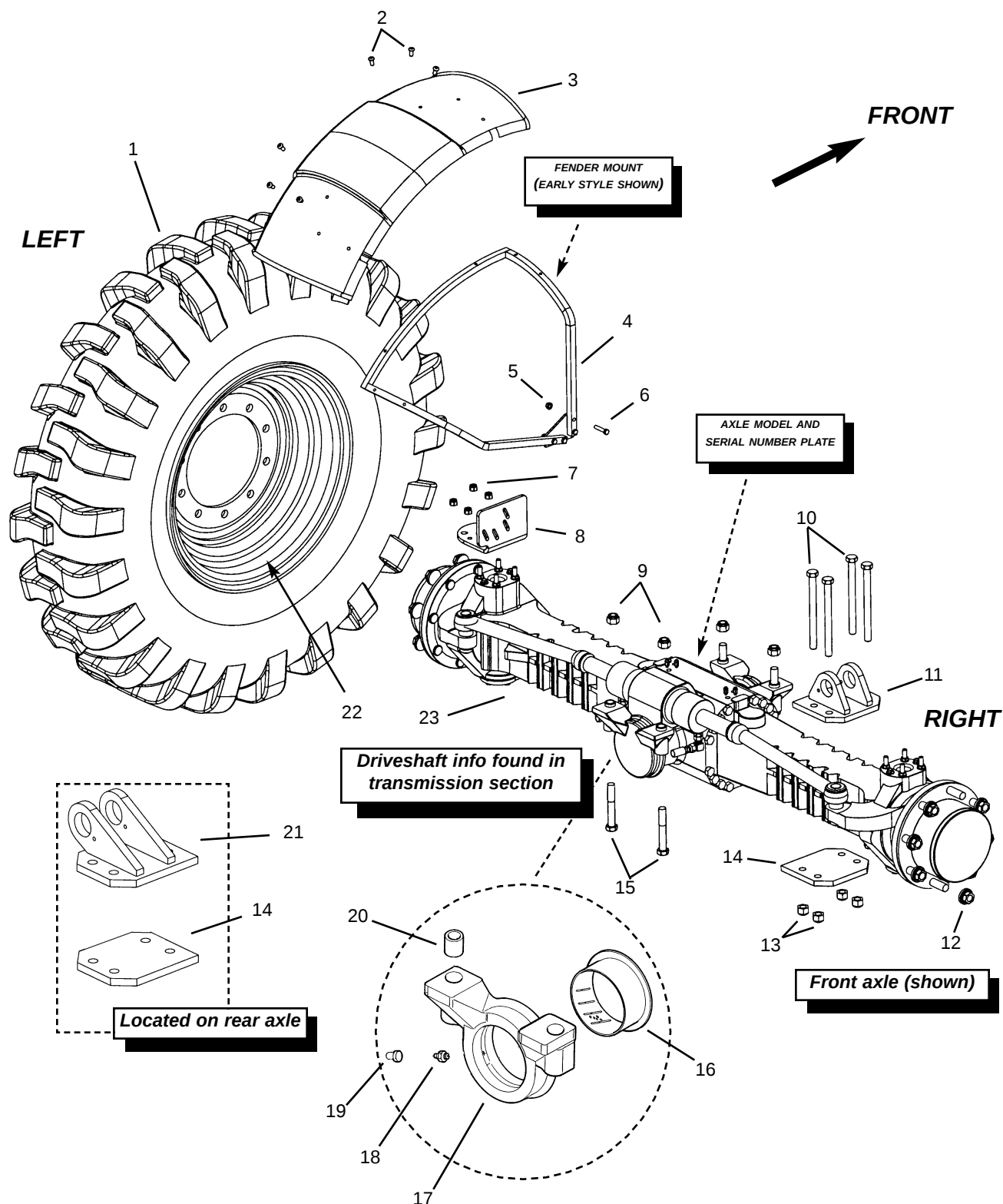
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L98291	HOUSING MODULATOR VALVE . . .	2	09	L98301	SPACER	2
02	L98292	O-RING	2	10	L98300	SPRING	2
03	L98293	PIN STOP	2	11	L98958	SPOOL	2
04	L98294	SPRING INNER.	2	12	L98298	SLEEVE-MODULATION VALVE . . .	2
05	L98295	SPRING MIDDLE	2	13	L98307	O-RING	2
06	L98304	SPRING OUTER	2	14	L98957	PIN-LOWER	2
07	L98303	SPOOL ACCUMULATOR	2	15	L98956	PIN-UPPER	2
08	L98302	RETAINER.	2				



Axles

Mounts, Tires and Fenders

RS6-42/RS8-42/44





Telescopic Handler

Axles

Mounts, Tires and Fenders

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		TIRE.....	4	14	102190	PLATE, MOUNT	2
	L47270	13.00X24		15	651543	M20-2.50X130 C10.9 BOLT	4
	L71758	13.00X24 (Rock)		16	L500543	THRUST BUSHING.....	2
02 ^a	L50253	3/8"-16 BUTTON HD BOLT	6	17	L500544	SUPPORT	2
03 ^a	L99951	FENDER	1	18	L98355	GREASE FITTING.....	2
04 ^a		FENDER MOUNT (LF/RR)	1	19	L500496	PLUG.....	2
	105202	(round tubing - late style)		20	L500542	REDUCTION BUSHING	4
	100008	(square tubing - early style)		21	102272	STABILIZER MOUNT (rear axle)...	1
05 ^a	L50061	3/8"-16 FLANGE LOCK NUT	4	22	L69114	WHEEL RIM 24X9.00	4
06 ^a	L50836	3/8"-16X1-3/4" BOLT	4	23 ^b		AXLE ASSEMBLY, 212 HY	
07 ^a	102587	NUT	4		102122	FRONT (with internal park brake) ..	1
08 ^a	102569	MOUNT (LF/RR)	1		102123	REAR.....	1
09	L50201	M20-2.5 CLASS 10 LOCK NUT ...	4	-- ITEMS NOT SHOWN --			
10	L50712	3/4"-10X9" GR8 BOLT.....	8	00	L63222	VALVE STEM	AR
11	102191	FRAME LEVEL MNT (front axle)...	1				
12	L69734	M22-1.5 WHEEL NUT	AR				
13	L50084	3/4"-10 GR8 LOCK NUT	8				

a Available only on the left side of the front axle.

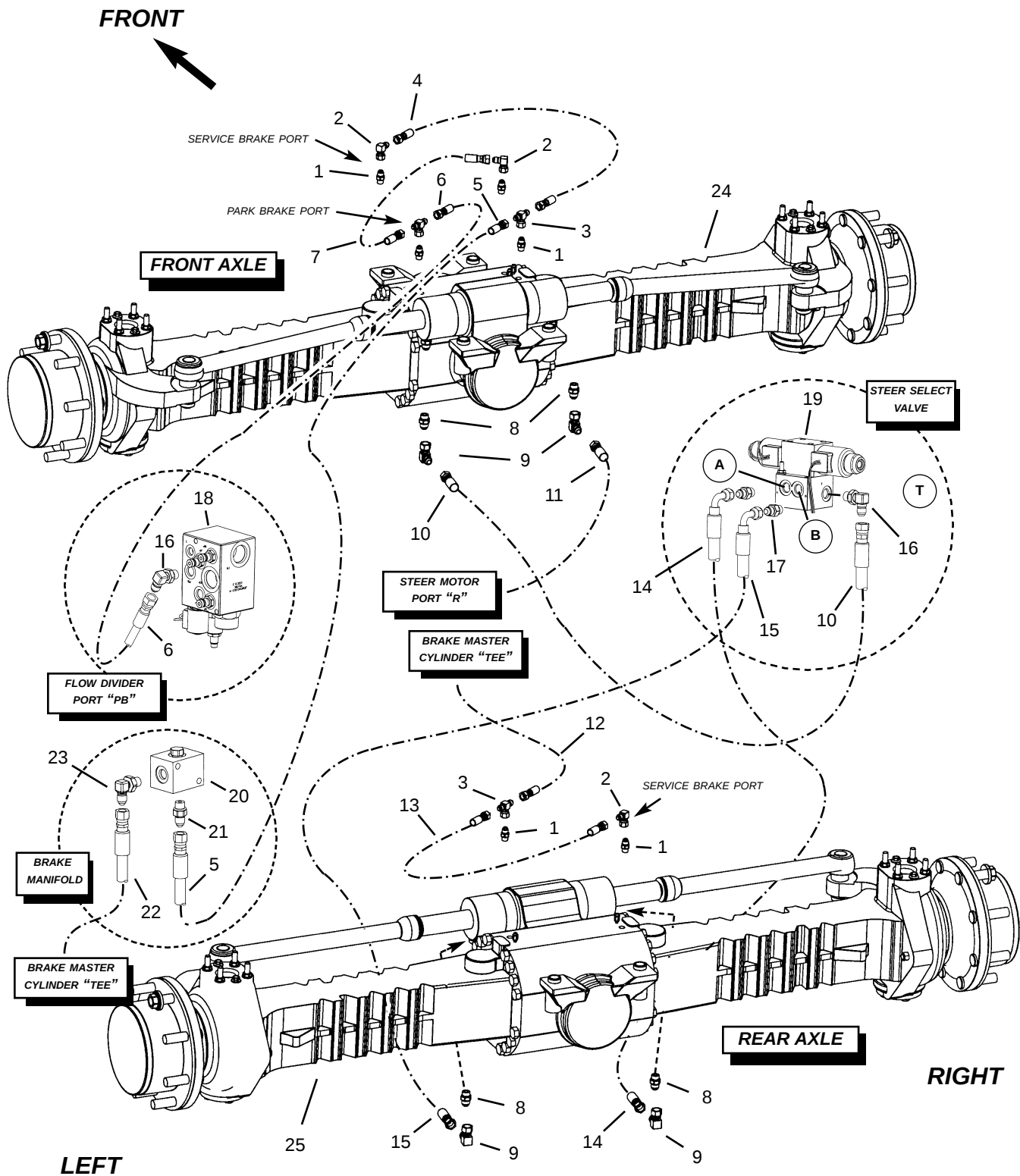
b Does not include any other items shown in illustration.



Axles

Brake and Steering Hydraulic Circuit

RS6-42/RS8-42/44



**Telescopic Handler****Axles*****Brake and Steering Hydraulic Circuit***

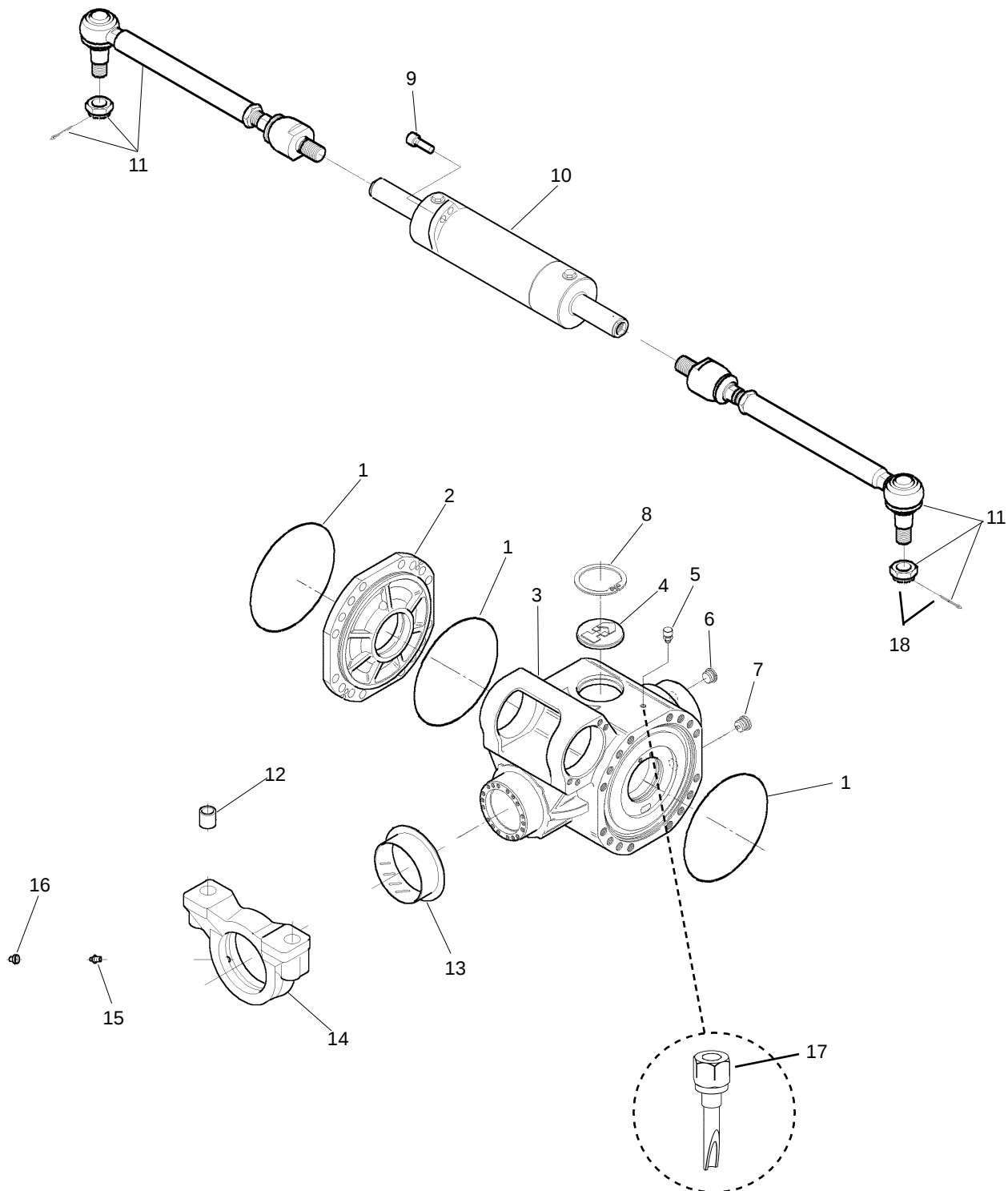
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L66139	ADAP, M14X1.5ORM -6JICM	6	14	L69936	HOSE, -6 A6/A8 100"	1
02	L60653	ADAP, -6JICFS -6JICM 90	3	15	L69936	HOSE, -6 A6/A8 100"	1
03	P471370	ADAP, -6 SWIVEL TEE	3	16	L445003	ADAP, -6ORM -6JICM 90 DEG.	2
04	L69928	HOSE, -4 A6/A6 25"	1	17	L444002	ADAP, -6ORM -6JICM STR.	2
05	102842	HOSE, -4 A6/A4 66"	1	18	102313	FLOW DIVIDER VALVE	1
06	102839	HOSE, -4 A6/A6 57"	1	19	L69747	VALVE, STEER SELECT	1
07	L69928	HOSE, -4 A6/A6 25"	1	20	L70428	MANIFOLD, BRAKE LINE.	1
08	100011	ADAP, M18 ORM - 8JICM STR.	4	21	L444005	ADAP, -4ORM -4JICM STR.	1
09	L446017	ADAP, -8JICFS -8JICM 90	4	22	102841	HOSE, -4 A4/A4 38"	1
10	102848	HOSE, -6 A6/A8 48"	1	23	L51591	ADAP, -4ORM -4JICM 90 DEG.	1
11	102847	HOSE, -6 A8/DS8 82"	1	24	102122	AXLE, FRONT (w/ int. park brake)	1
12	102840	HOSE, -4 A4/A6 90"	1	25	102123	AXLE, REAR	1
13	L69928	HOSE, -4 A6/A6 25"	1				



Axles

RS6-42/RS8-42/44

Tie Rods, Steer Cylinder and Center Housing (Front and Rear)





Telescopic Handler

Axles

Tie Rods, Steer Cylinder and Center Housing (Front and Rear)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
	NOTE: All quantities are per axle			10 ^a	102577	CYLINDER.	1
01	L98417	O-RING	3	11	102578	ARTICULATED TIE ROD	2
02	L500451	INTERMEDIATE COVER	1	12	L500542	REDUCTION BUSHING	4
03	102573	HOUSING	1	13	L500543	THRUST BUSHING.	2
04	102574	PLUG	1	14	L500544	SUPPORT	2
05	104231	VENT	1	15	L98355	GREASE FITTING.	2
06	102575	PLUG	1	16	L500496	PLUG	2
07	102576	MAGNETIC PLUG.	1	17	103788	BREATHER TUBE.	1
08	L98373	SNAP RING.	1	18	104431	NUT AND COTTER PIN KIT AR	
09	L500539	CYLINDER BOLT	4			(includes with item # 11)	

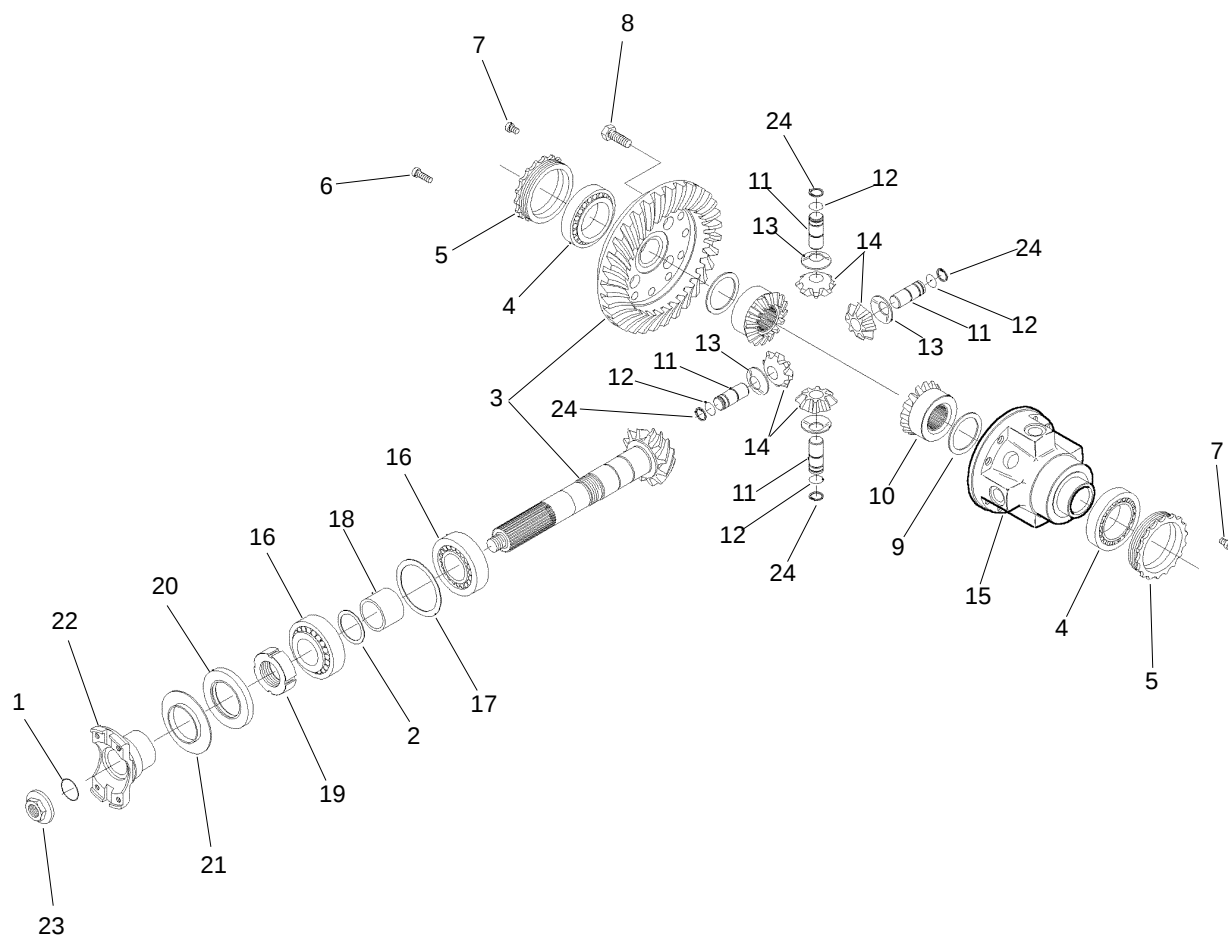
a Seal kit for steer cylinder is P/N 103118.



Axles

Differential (Front and Rear)

RS6-42/RS8-42/44





Telescopic Handler

Axles

Differential (Front and Rear)

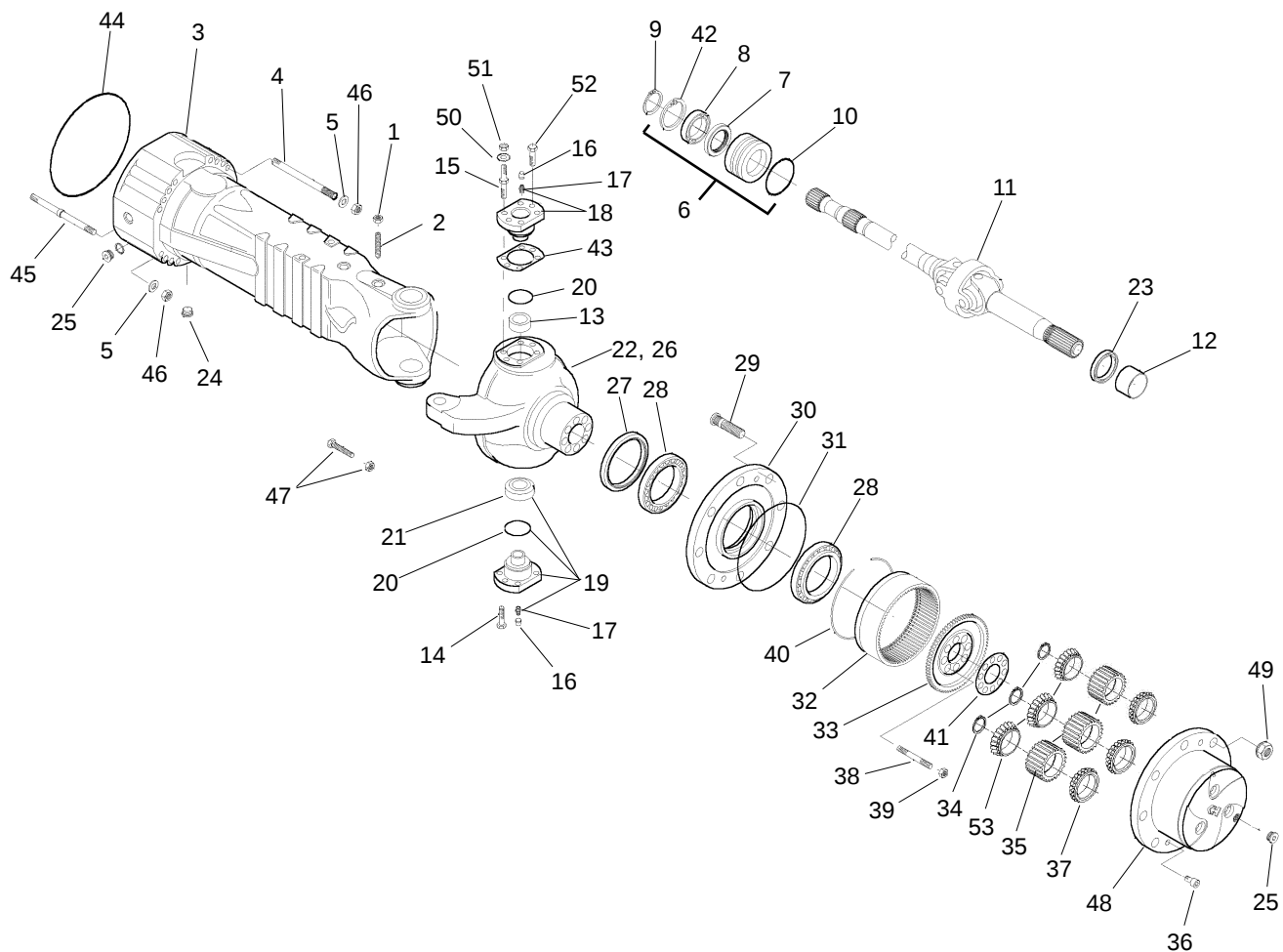
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
	NOTE: All quantities are per axle			11	L500470	PIN. 4 (includes item #12)	4
01	L500457	O-RING 1	1	12	L500471	SNAP RING..... 4	4
02	L500459	SHIM 1	1	13	L500472	FRICTION WASHER..... 4	4
	L500460	SHIM 1	1	14	L500473	DIFFERENTIAL PINION 4	4
	L500461	SHIM 1	1	15	L500474	DIFFERENTIAL CARRIER 1	1
	L500462	SHIM 1	1	16	L500475	TAPER ROLLER BEARING 2	2
03		BEVEL GEAR SET 1	1	17	L98404	SHIM 1	1
	102579	(Front Axle) 1	1		L98406	SHIM 1	1
	102580	(Rear Axle)..... 1	1		L500476	SHIM 1	1
04	L98380	TAPER ROLLER BEARING 2	2		L500477	SHIM 1	1
05	L500464	RING NUT 2	2	18	L500478	SPACER 1	1
06	L500465	CYLINDER BOLT 4	4	19	L98396	RING NUT..... 1	1
07	L500466	CYLINDER BOLT 2	2	20	L98395	SEAL 1	1
08	L500467	BOLT 12	12	21	L98394	COVER PLATE 1	1
09	L500468	FRICTION WASHER..... 2	2	22	102863	FLANGE 1	1
10	L500469	DIFFERENTIAL SIDE GEAR 2	2	23	L500480	NUT 1	1
				24	L500481	SNAP RING..... 4	4



Axles

RS6-42/RS8-42/44

Outer End (Front and Rear)





Telescopic Handler

Axles

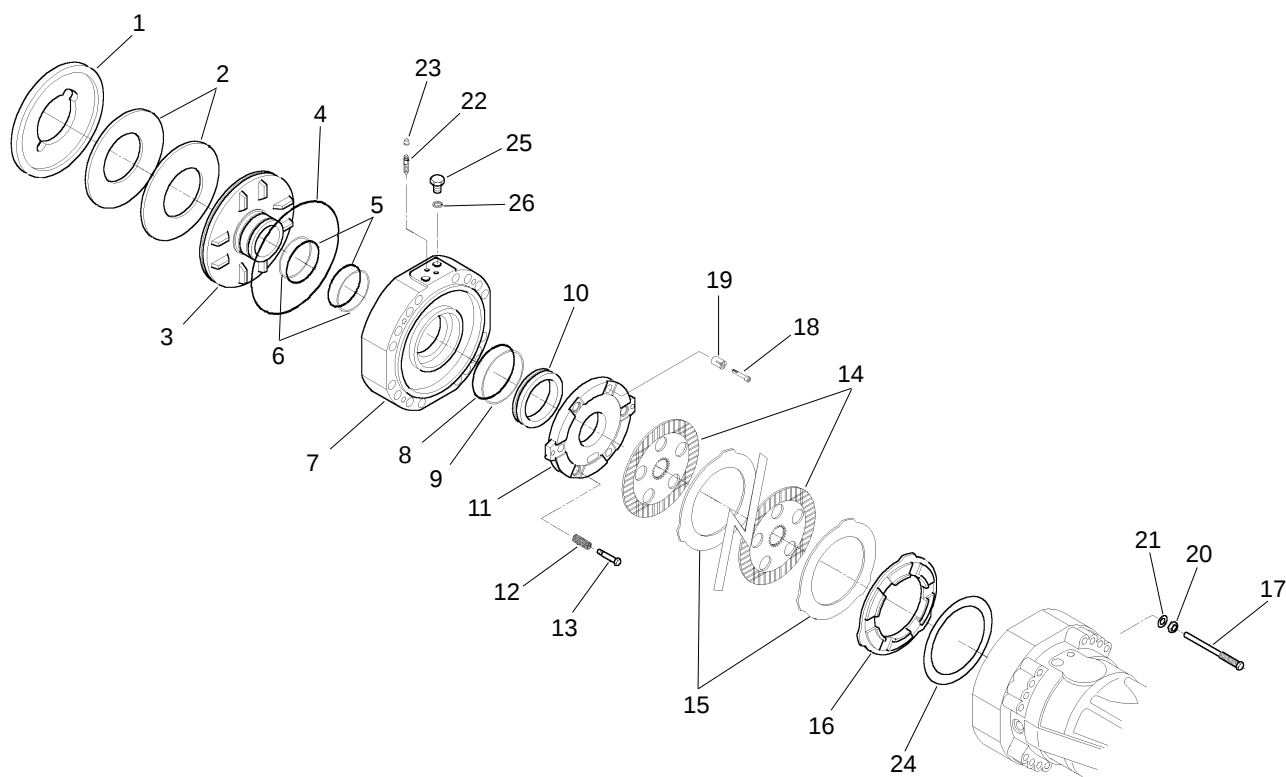
Outer End (Front and Rear)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
	NOTE: All quantities are per axle			27	102599	SEAL	2
01	L500483	NUT	2	28	102600	BEARING	4
02	102581	BOLT	2	29	102601	WHEEL STUD	20
03	102582	AXLE CASE	2	30	102602	WHEEL HUB	2
04	102584	STUD	24	31	102603	O-RING	2
05	L500487	WASHER	32	32	102604	RING GEAR	2
06	L500488	REDUCTION BUSHING	2	33	102605	RING GEAR SUPPORT	2
		(incl. 7, 8, 10 and 42)		34	102606	SNAP RING	6
07	L500489	SEAL	2	35	102607	DIFFERENTIAL PINION	6
08	L98371	BALL BEARING	2	36	L500515	COUNTERSUNK BOLT	4
09	L98372	SNAP RING	2	37	102900	BEARING	6
10	L500490	O-RING	2	38	L500517	STUD	20
11	102586	SHAFT ASSEMBLY	2	39	L500518	NUT	20
12	102588	THRUST BUSHING	2	40	102608	SNAP RING	2
13	102589	BUSHING	2	41	102609	LOCKING PLATE	2
14	L500467	BOLT	12	42	L98373	SNAP RING	2
15	102893	STUD	8	43	102610	SHIM	2
16	L500496	PLUG	4		102611	SHIM	2
17	L98355	GREASE FITTING	4		102612	SHIM	2
18	102590	PIVOT PIN	2	44	L98417	O-RING	2
19	102591	PIVOT PIN	2	45	102614	STUD	8
20	102592	DUST EXCLUDER	4	46	102615	NUT	32
21	102593	BEARING	2	47	102438	STEERING ADJUST BOLT ASY	4
22	102594	STEERING CASE (LF and RR)	1	48	102616	PLANET GEAR CARRIER	2
		(includes item 12)		49	L69734	WHEEL NUT	20
23	102595	SEAL	2	50	102583	WASHER	8
24	102576	MAGNET PLUG	2	51	102587	NUT	8
25	102575	PLUG	4	52	102896	HEXAGON BOLT	4
26	102598	STEERING CASE (RF and LR)	1	53	102899	BEARING	6
		(includes item 12)					



Axles

Brakes (Front)

RS6-42/RS8-42/44

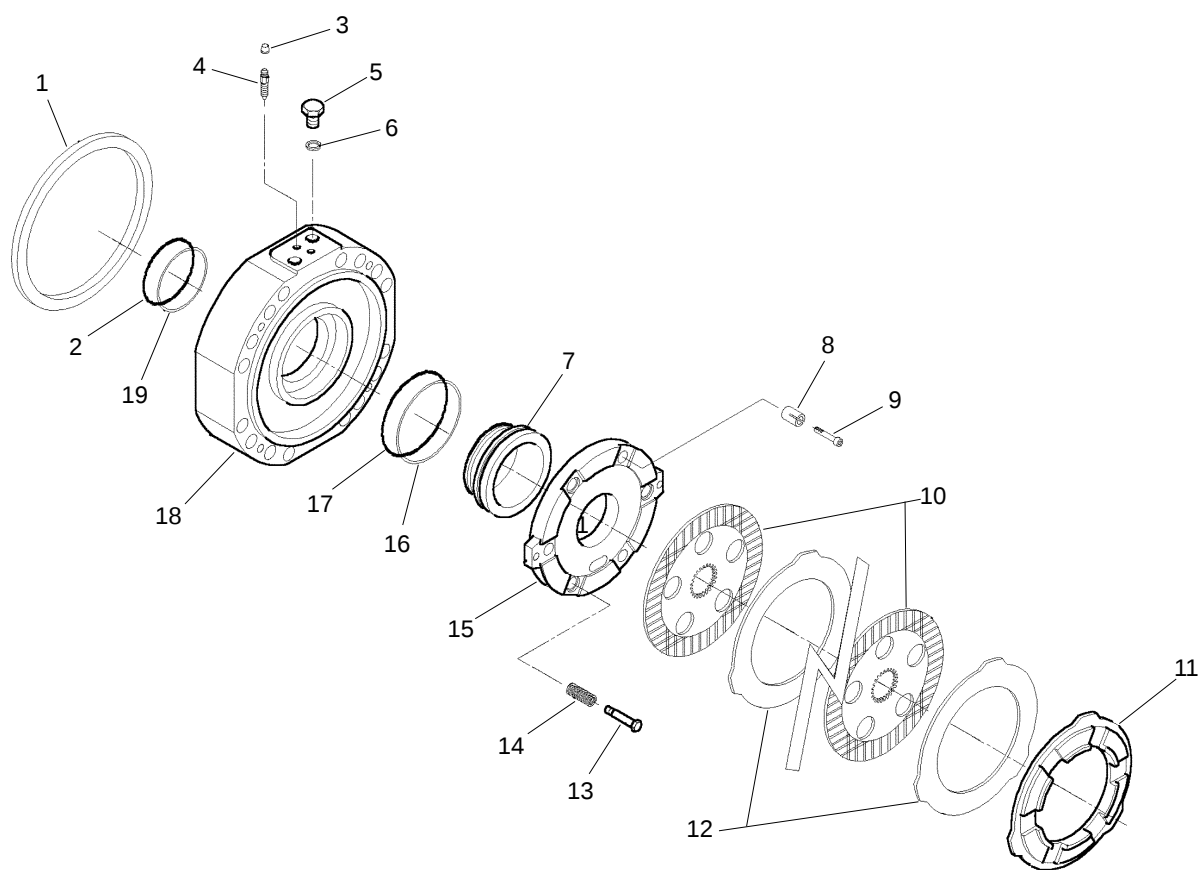
Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle			
01	102617	SPACER	2
02	102618	SPRING	4
03	102619	PISTON	2
04	102620	O-RING	2
05	102621	O-RING	4
06	102622	BACKUP RING	4
07	102623	COVER	2
08	L98368	O-RING	2
09	102624	BACKUP RING	2
10	102625	PISTON	2
11	102626	INTERMEDIATE BRAKE DISC	2
12	102627	SPRING	6
13	102628	ADJUSTING BOLT	6
14	L500527	BRAKE DISC	8

Ref. No.	Part No.	Description	Qty. Req.
15	L500536	INTERMEDIATE BRAKE DISC	8
16	102629	SPACER	2
17	102630	BOLT	4
18	102631	ADJUSTING BOLT	6
19	102632	SPRING	6
20	102633	NUT	4
21	102634	LOCK WASHER	4
22	L98430	BLEEDING BOLT	4
23	L500496	PLUG	4
24	102635	SHIM (20mm)	2
	102636	SHIM (30mm)	2
	102637	SHIM (50mm)	2
25	102638	BOLT	4
26	102639	SEAL WASHER	4



Telescopic Handler

Axles Brakes (Rear)



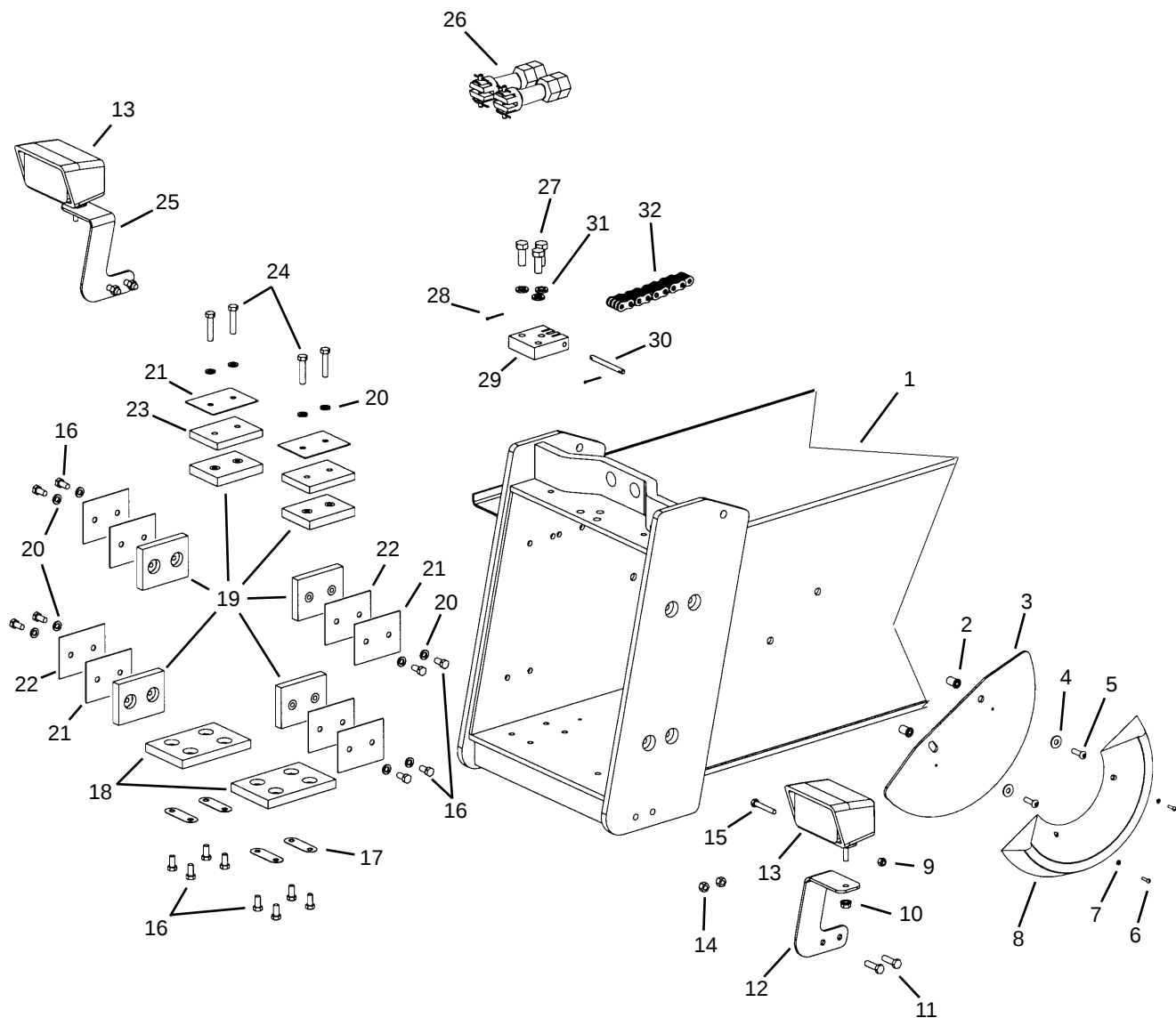
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
NOTE: All quantities are per axle				10	L500527	BRAKE DISC.....	8
01	102644	SPACER	2	11	102629	SPACER	2
02	102622	BACK-UP RING.....	2	12	L500536	INTERMEDIATE BRAKE DISC....	8
03	L500496	PLUG.....	2	13	102628	ADJUSTING BOLT	6
04	L98430	BLEEDING BOLT	2	14	102627	SPRING.....	6
05	102638	BOLT	2	15	102626	INTERMEDIATE BRAKE DISC....	2
06	102639	SEAL WASHER.....	2	16	102624	BACKUP RING	2
07	102642	PISTON	2	17	L98368	O-RING	2
08	102632	SPRING.....	6	18	102898	COVER	2
09	102897	ADJUSTING BOLT	6	19	102621	O-RING	2



Boom

Outer Boom (Front)

RS6-42/RS8-42/44





Telescopic Handler

Boom Outer Boom (Front)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		OUTER BOOM WELDMENT	1	19	L61709	SLIDE PAD	6
	102281	42' boom models		20	L50147	3/8" LOCK WASHER	12
	102284	44' boom models		21	L62733	1/16"X3"X4" SHIM	6
02	L70242	5/16-18 NUT INSERT	2	22	L62734	1/8"X3"X4" SHIM	4
03	L65640	BOOM ANGLE IND. PLATE	1	23	L64132	3/8" PAD SPACER	2
04	650810	5/16" FLAT WASHER	2	24	L50403	3/8"-16X1-1/4" BOLT	4
05	L52048	5/16-18X1" BUTTON HD BOLT	2	25	L70635	BOOM LIGHT BRACKET (RH)	1
06	651271	#8X3/8" RND HD MACH SCREW	2	26	L64359	ADJUSTABLE CLEVIS PIN	3
07	L50136	#10 LOCK WASHER	2		L50092	NUT, ADJUSTABLE CLEVIS	AR
08	L65638	INCLINOMETER - ANGLE IND.	1	27	L50380	1/2-20X1-1/4" GRD 8 BOLT	3
09	L520004	5/16-18 NYLON INSERT NUT	2	28	L560003	3/32X1-1/4" COTTER PIN	2
10	L50061	3/8-16 FLARE NUT	2	29	L64384	CLEVIS	1
11	L52026	3/8-16X1-1/4" BOLT	4	30	L64468	CHAIN PIN	1
12	L70639	BOOM LIGHT BRACKET (LH)	1	31	L50152	1/2" LOCK WASHER	3
13	L70040	WORK LIGHT	2	32	Note a	LEAF CHAIN	3
	L70462	LIGHT HARNESS (not shown)					
14	L520005	3/8-16 NYLON INSERT NUT	4				
15	L50835	5/16-18X2" BOLT	2				
16	L50251	3/8"-16X3/4" BOLT	16				
17	L62715	FLAT-BOLT LOCK	4				
18	L61708	SLIDE PAD	2				

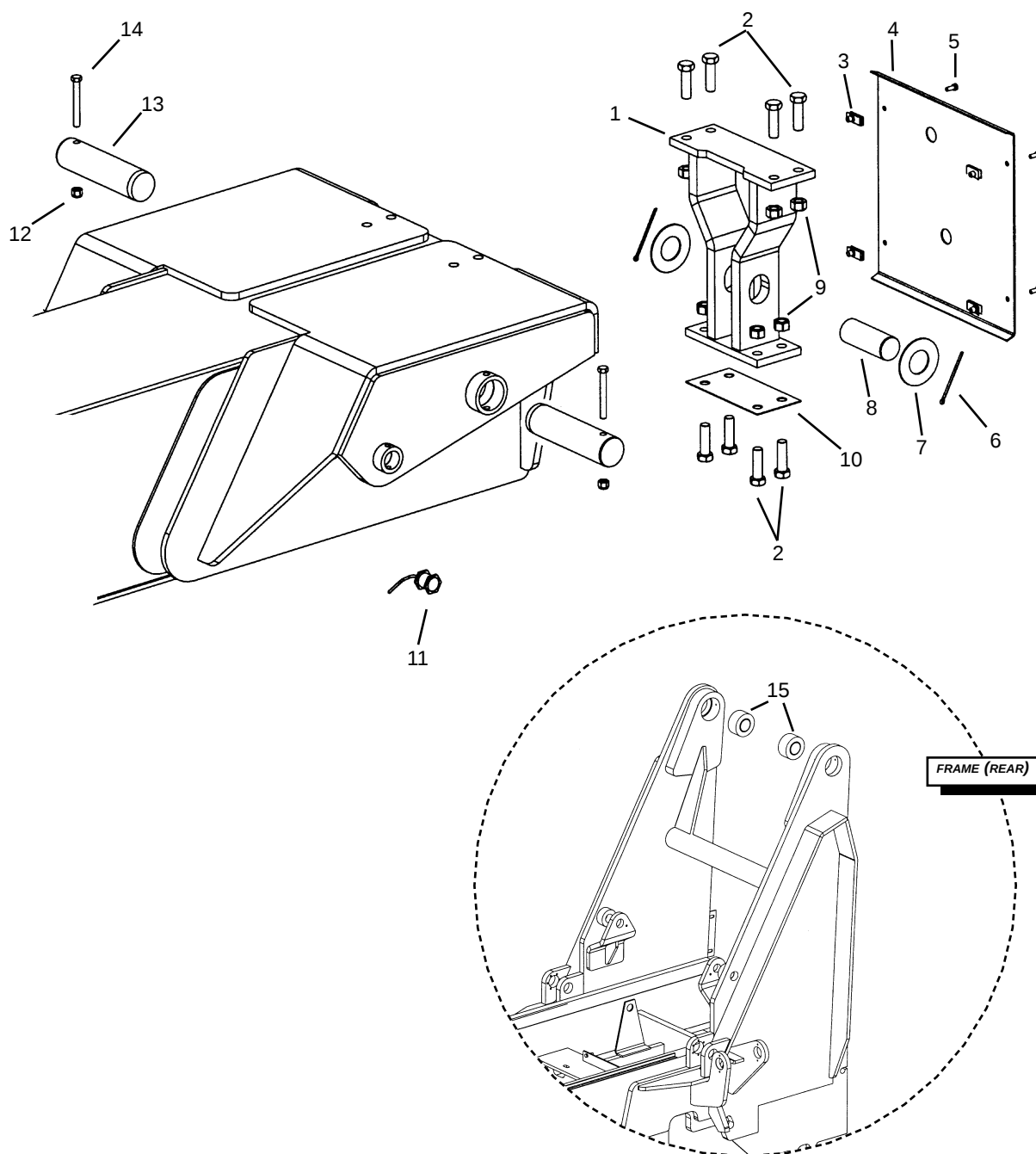
a Refer to Intermediate Boom - Chain Group for a listing of chain components.



Boom

Outer Boom (Rear)

RS6-42/RS8-42/44





Telescopic Handler

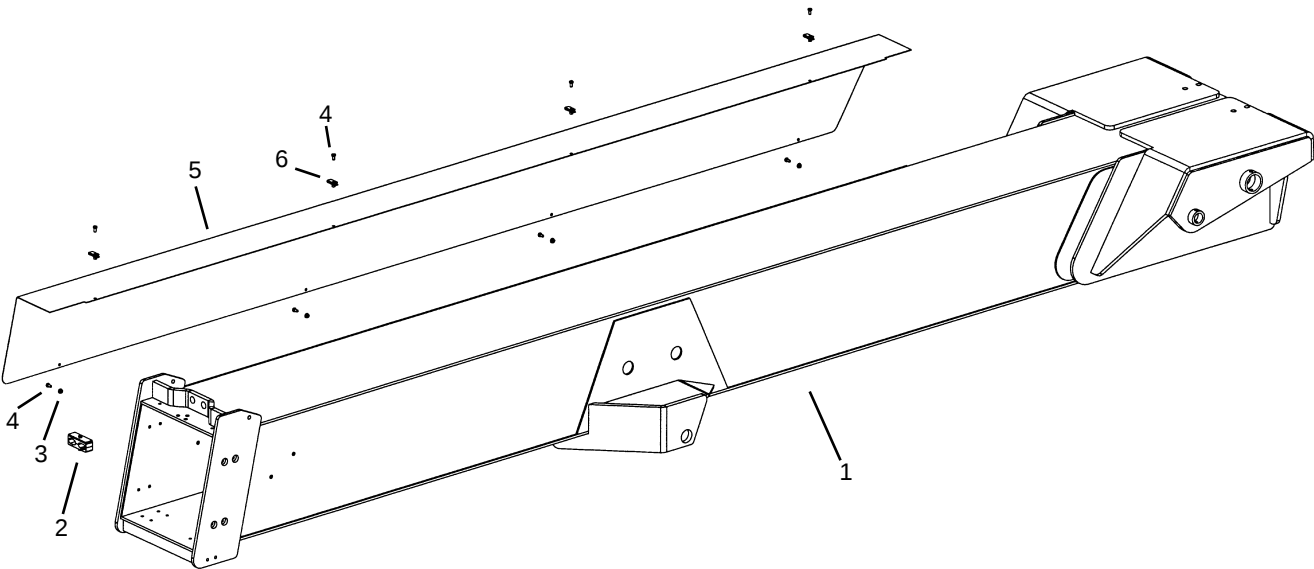
Boom Outer Boom (Rear)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102335	EXTEND CYLINDER, WELDMENT	1	10	L70420	SHIM, TRUNNION.	1
02	650711	3/4"-10X3" BOLT GR8.	8	11	L71165	SWITCH, PROXIMITY.	1
03	L530004	5/16" FASTENER, RETAINED	4	12	L520019	1/2"-13 NYLON INSERT NUT.	2
04	102710	COVER, REAR BOOM	1	13	L64060	PIN, BOOM	2
05	L50230	5/16"-18x3/4" BOLT	4	14	L50892	1/2"-13X4" BOLT	2
06	L50608	PIN, COTTER 3/16"X4"	2	15	L810005	BEARING, SELF ALIGNING	2
07	L400207	WASHER, THRUST	2				
08	L69994	PIN, ROD END	1				
09	L50519	3/4"-10 NYLON INSERT NUTS. . . .	8	a	Refer to Intermediate Boom - Chain Group for a listing of chain components.		



Boom
Outer Boom Side Cover

RS6-42/RS8-42/44





Telescopic Handler

Boom

Outer Boom Side Cover

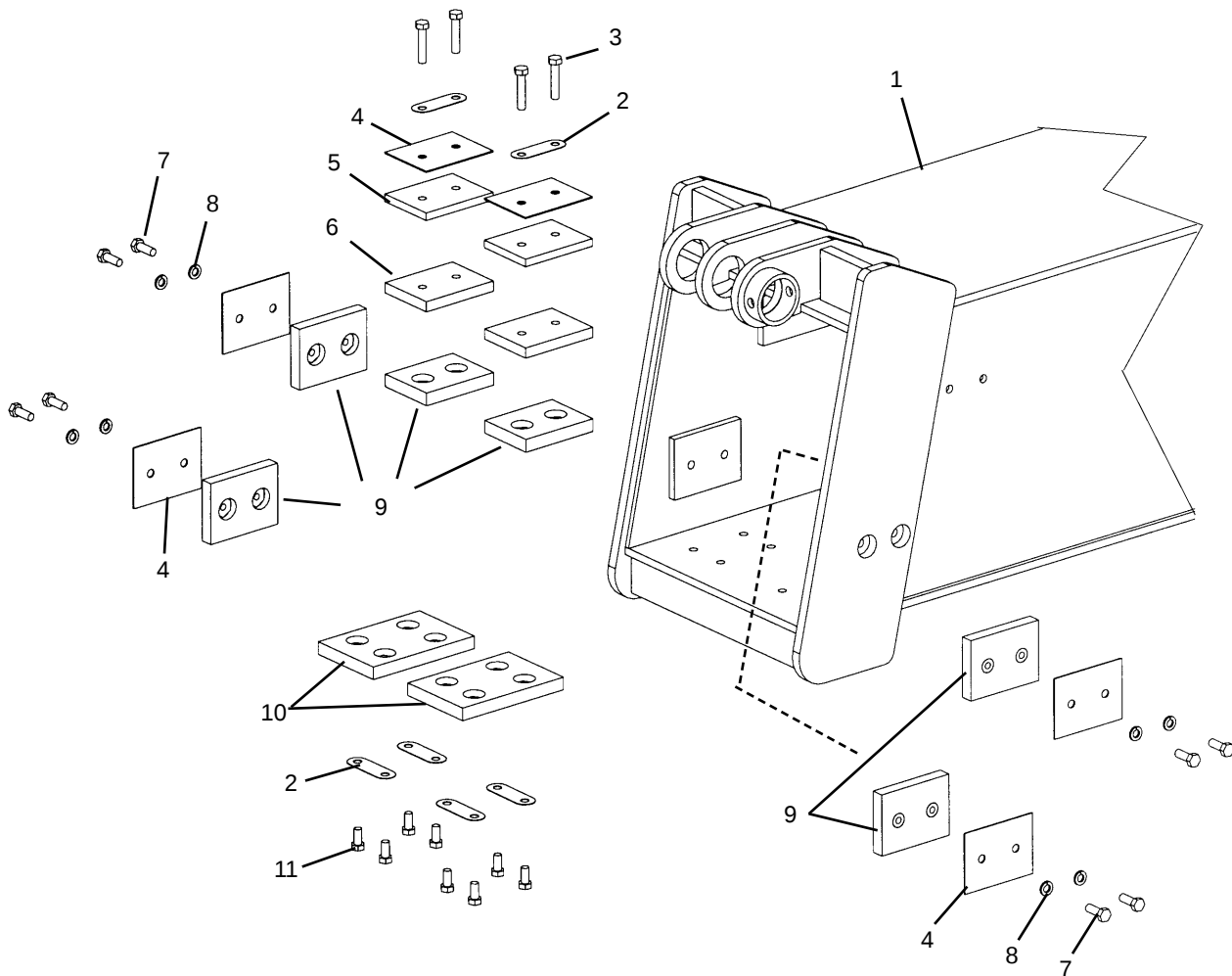
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		OUTER BOOM WELDMENT	1	03	L50056	5/16"-18 WHIZ LOCK NUT	4
	102281	42' boom models		04	L510008	5/16"-18X5/8" BOLT	8
	102284	44' boom models		05	102288	COVER, BOOM SIDE	1
02	L79167	CLAMP ASSEMBLY	1	06	L530004	5/16" FASTENER, RETAINED	4



Boom

Intermediate Boom (Front)

RS6-42/RS8-42/44





Telescopic Handler

Boom

Intermediate Boom (Front)

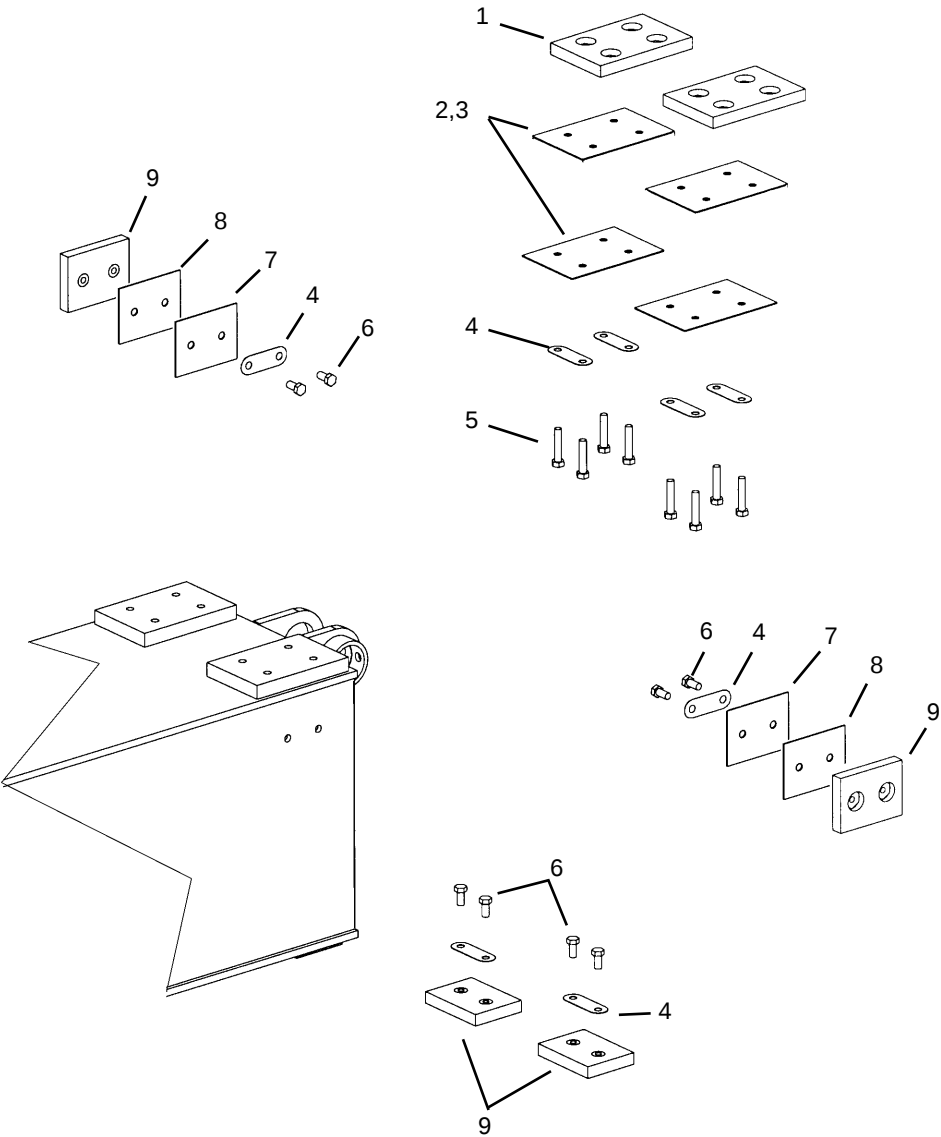
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		INTERMEDIATE WELDMNT.	1	06	L64143	1/2"X3"X4" SHIM	2
	102282	42' boom models		07	L50367	3/8"-16X1" BOLT	8
	102285	44' boom models		08	L50147	3/8" LOCK WASHER	8
02	L62715	FLAT-BOLT LOCK	6	09	L61709	SLIDE PAD	6
03	L50261	3/8"-16X1-1/2" BOLT	4	10	L61708	SLIDE PAD	2
04	L62733	1/16"X3"X4" SHIM	6	11	L50251	3/8"-16X3/4" BOLT	8
05	L62734	1/8"X3"X4" SHIM	2				



Boom

Intermediate Boom (Rear)

RS6-42/RS8-42/44





Telescopic Handler

Boom

Intermediate Boom (Rear)

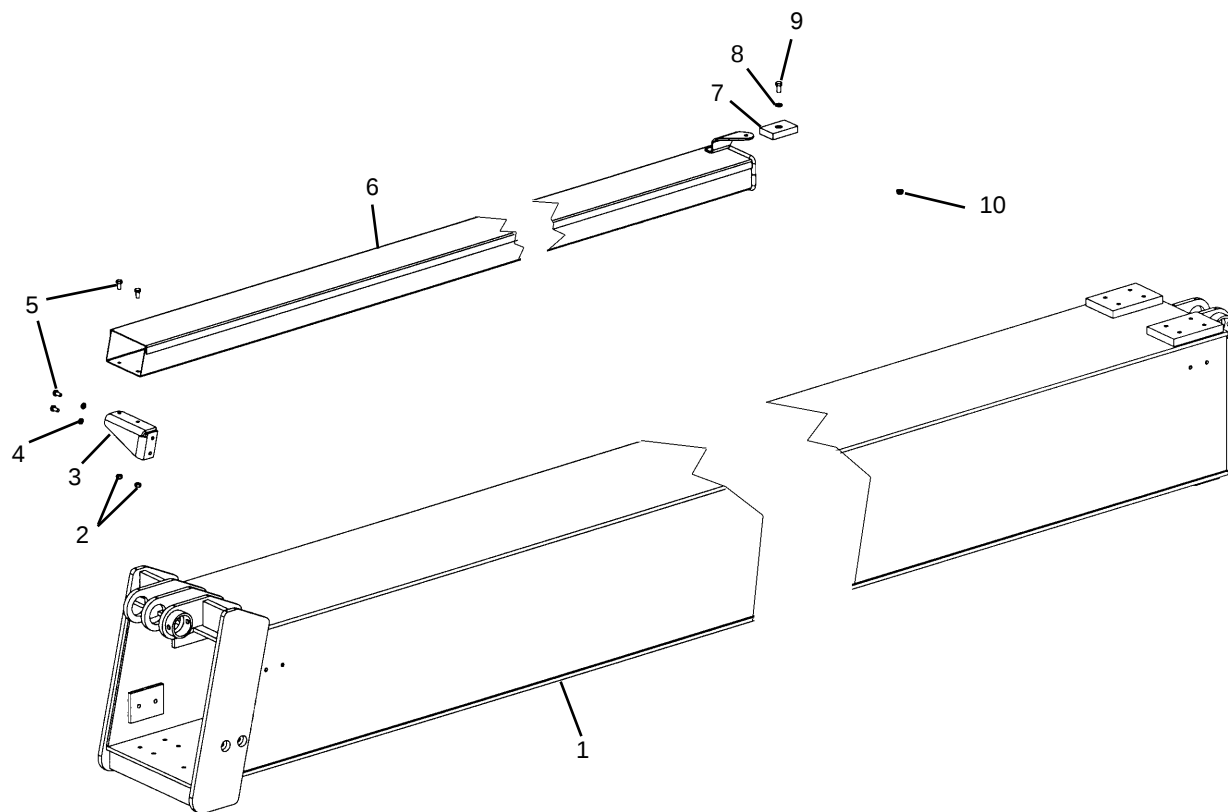
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L61708	SLIDE PAD	2	06	L50251	3/8-16X3/4" BOLT	8
02	L62731	1/16"X4"X6" SHIM	AR	07	L62733	1/16"X3"X4" SHIM	2
03	L62732	1/8"X4"X6" SHIM	AR	08	L62734	1/8"X3"X4" SHIM	2
04	L62715	FLAT-BOLT LOCK	10	09	L61709	SLIDE PAD	4
05	L50403	3/8-16X1-1/4" BOLT	8				



Boom

RS6-42/RS8-42/44

Intermediate Boom Hose Tray



**Telescopic Handler****Boom*****Intermediate Boom Hose Tray***

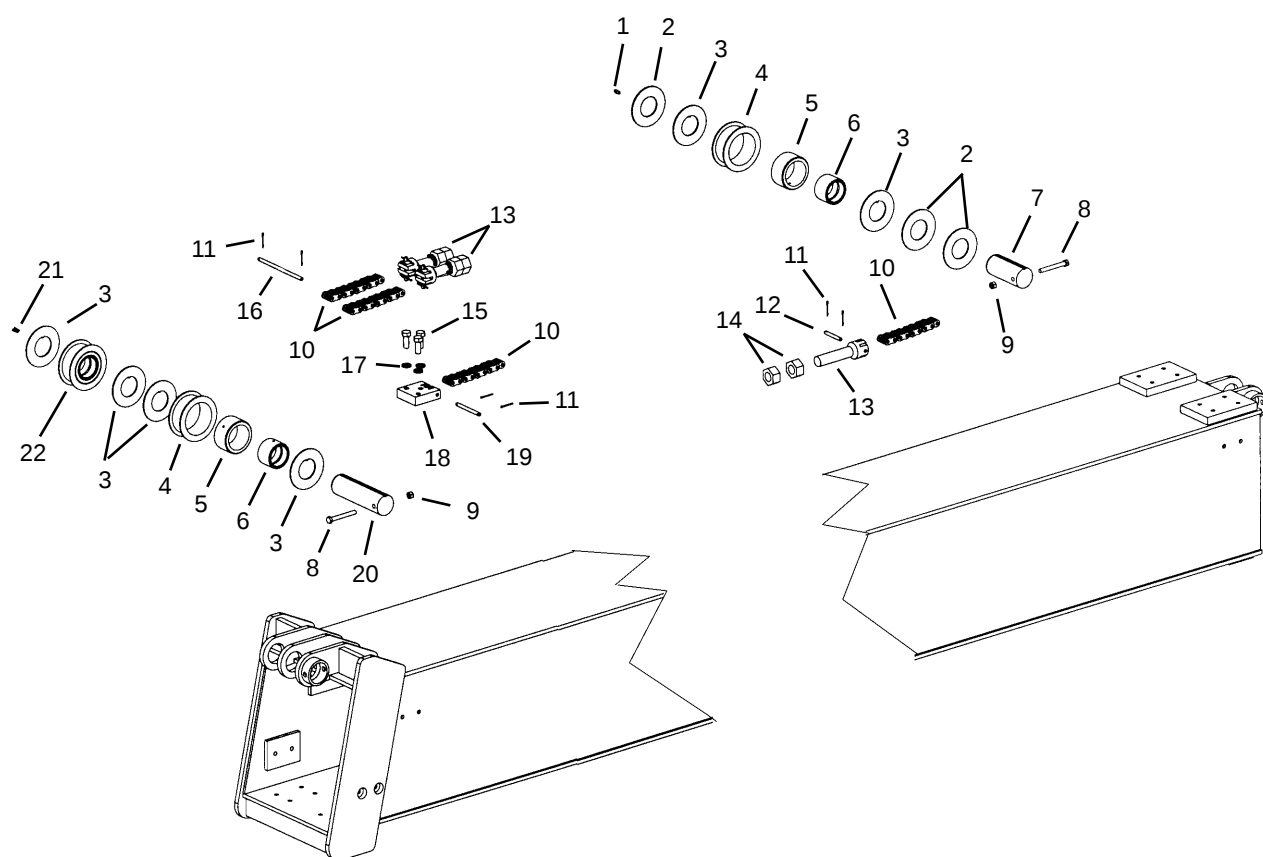
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		INTERMEDIATE WELDMENT.	1	06		TRAY WELDMENT	1
	102282	42' boom models			L69501	42' boom models	
	102285	44' boom models			L69511	44' boom models	
02	L520004	5/16-18 NYLON INSERT NUT	2	07	L61699	2X3X1 SLIDE PAD	1
03	L69524	TRAY BRACKET	1	08	L50147	3/8" LOCK WASHER.	1
	102132	PLATE, CUSHION MNT (<i>weld on</i>)		09	L50251	3/8-16X3/4" BOLT	1
04	L50143	5/16" LOCK WASHER.	2	10	L50056	5/16-18 FLARE NUT	1
05	L510008	5/16-18X5/8" BOLT	4				



Boom

Chain and Rollers

RS6-42/RS8-42/44





Telescopic Handler

Boom

Chain and Rollers

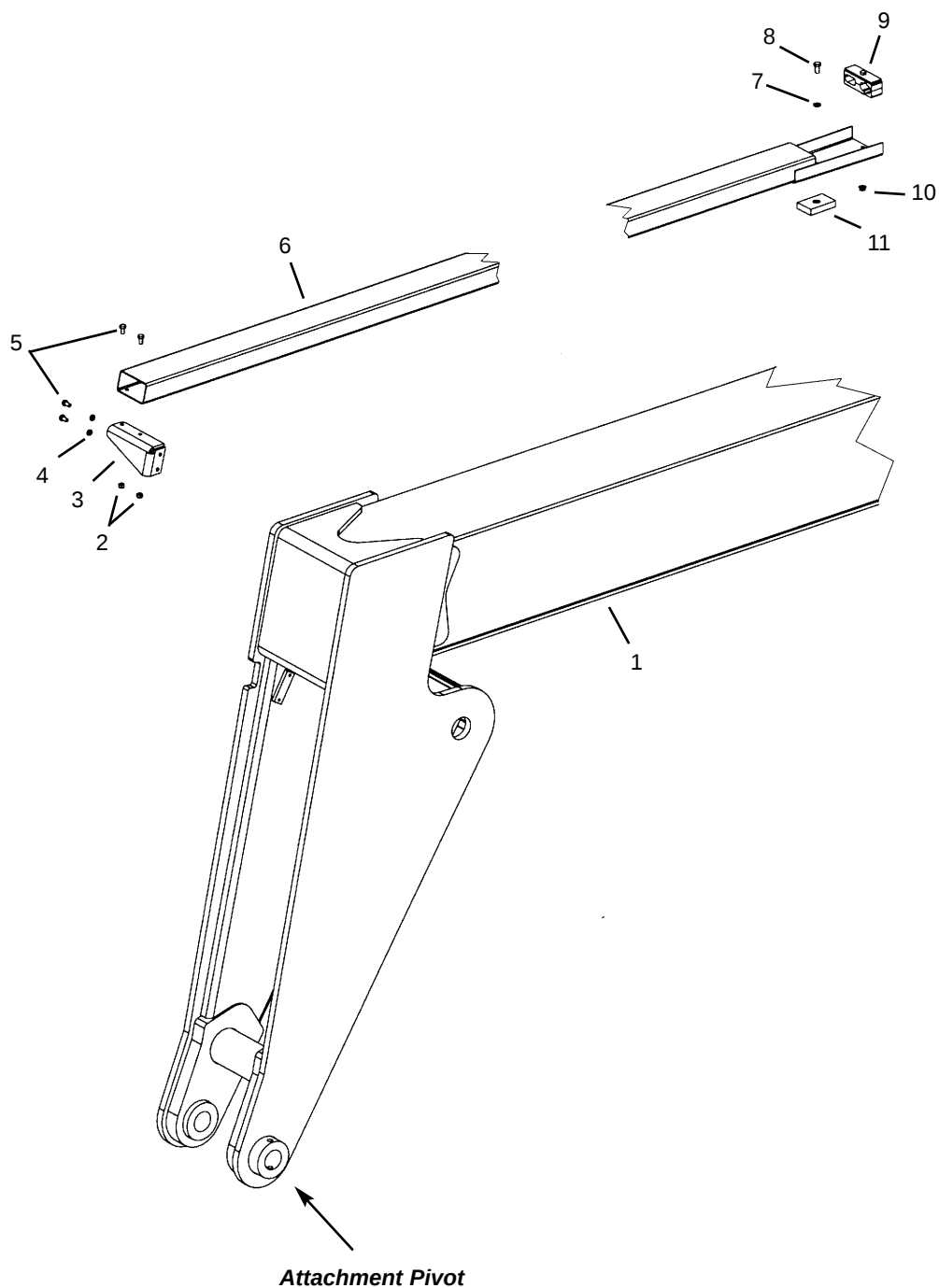
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L10057	1/4-28 ZERK, 90 DEG	1	12	L64466	CHAIN ADJUST CLEVIS PIN	3
02	L400207	THRUST WASHER	3	13	L64359	ADJUSTABLE CLEVIS	3
03	L71205	CHAIN SHEAVE WASHER	6	14	L50092	1"-8 NUT	6
04	L64360	CHAIN SHEAVE	3	15	L50380	1/2-20X1-1/4" BOLT	3
05	L49618	ROLLER BEARING	3	16	L64467	PIN, REAR CHAIN LOW INNER.	1
06	L49619	INNER RING	3	17	L50152	1/2" LOCK WASHER.	3
07	L71206	REAR SHEAVE PIN	1	18	L64384	CLEVIS, TOP REAR INNER.	1
08	L50275	3/8-16X3 BOLT	3	19	L64468	PIN, CHAIN REAR UPPER INNR.	1
09	L520005	3/8-16 NYLON INSERT NUT	2	20	L71204	PIN, CHAIN SHEAVE	1
10		LEAF CHAIN	3	21	L10465	1/4-28 ZERK, STR.	1
	102245	42' boom		22	NSS	(Items 4, 5 and 6 are shown preassembled.)	
	102246	44' boom					
11	L560003	3/32X1-1/4 COTTER PIN	10				



Boom

Inner Boom (Front)

RS6-42/RS8-42/44





Telescopic Handler

Boom

Inner Boom (Front)

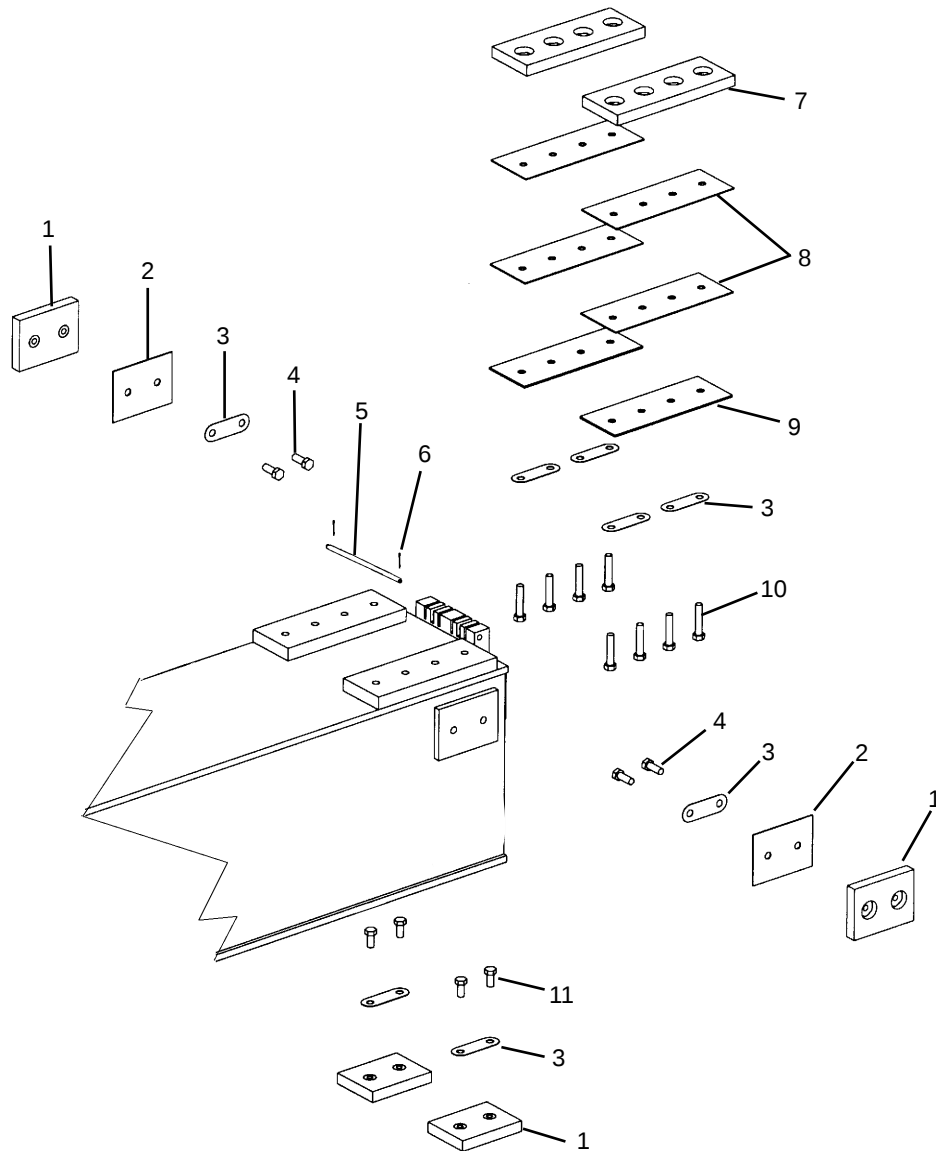
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		INNER WELDMENT	1	06		INNER TRAY WELDMENT	1
	102283	42' boom models			L69521	42' boom models	
	102286	44' boom models			L69523	44' boom models	
02	L520004	5/16-18 NYLON INSERT NUT	2	07	L50147	3/8" LOCK WASHER	1
03	L69525	INNER TRAY BRACKET	1	08	L50251	3/8"-16X3/4" BOLT	1
	102132	PLATE, CUSHION MNT (<i>weld on</i>)		09	L79167	HOSE CLAMP ASSEMBLY	1
04	L50143	5/16" LOCK WASHER	2	10	L50056	5/16-18 FLARE NUT	1
05	L510008	5/16-18X5/8" BOLT	4	11	L61699	2X3X1" SLIDE PAD	1



Boom

Inner Boom (Rear)

RS6-42/RS8-42/44





Telescopic Handler

Boom

Inner Boom (Rear)

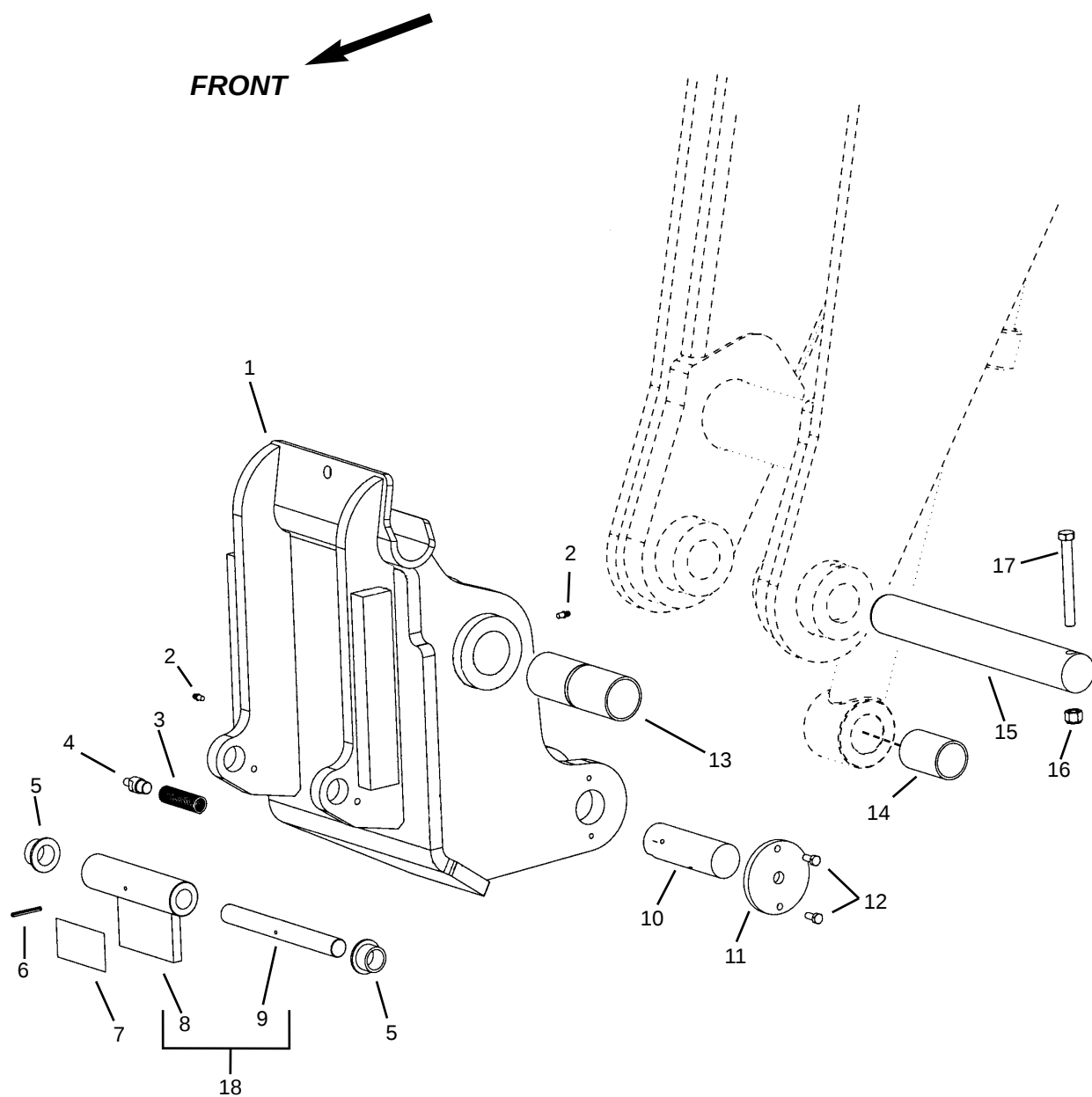
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L61709	SLIDE PAD	4	07	L66780	SLIDE PAD	2
02	L62733	0.06X3X4 SHIM.....	4	08	L66782	0.06X3X8" SHIM.....	AR
03	L62715	FLAT-BOLT LOCK	AR	09	L66783	0.105X3X8" SHIM	2
04	L50367	3/8-16X1" BOLT	AR	10	L50836	3/8-16X1-3/4" BOLT	8
05	L64467	PIN, CHAIN REAR LOW INNER... 1		11	L50251	3/8-16X3/4" BOLT	4
06	L560003	3/32"X1-1/4" COTTER PIN	2				



Boom

Dynattach® Assembly

RS6-42/RS8-42/44





Telescopic Handler

Boom

Dynattach® Assembly

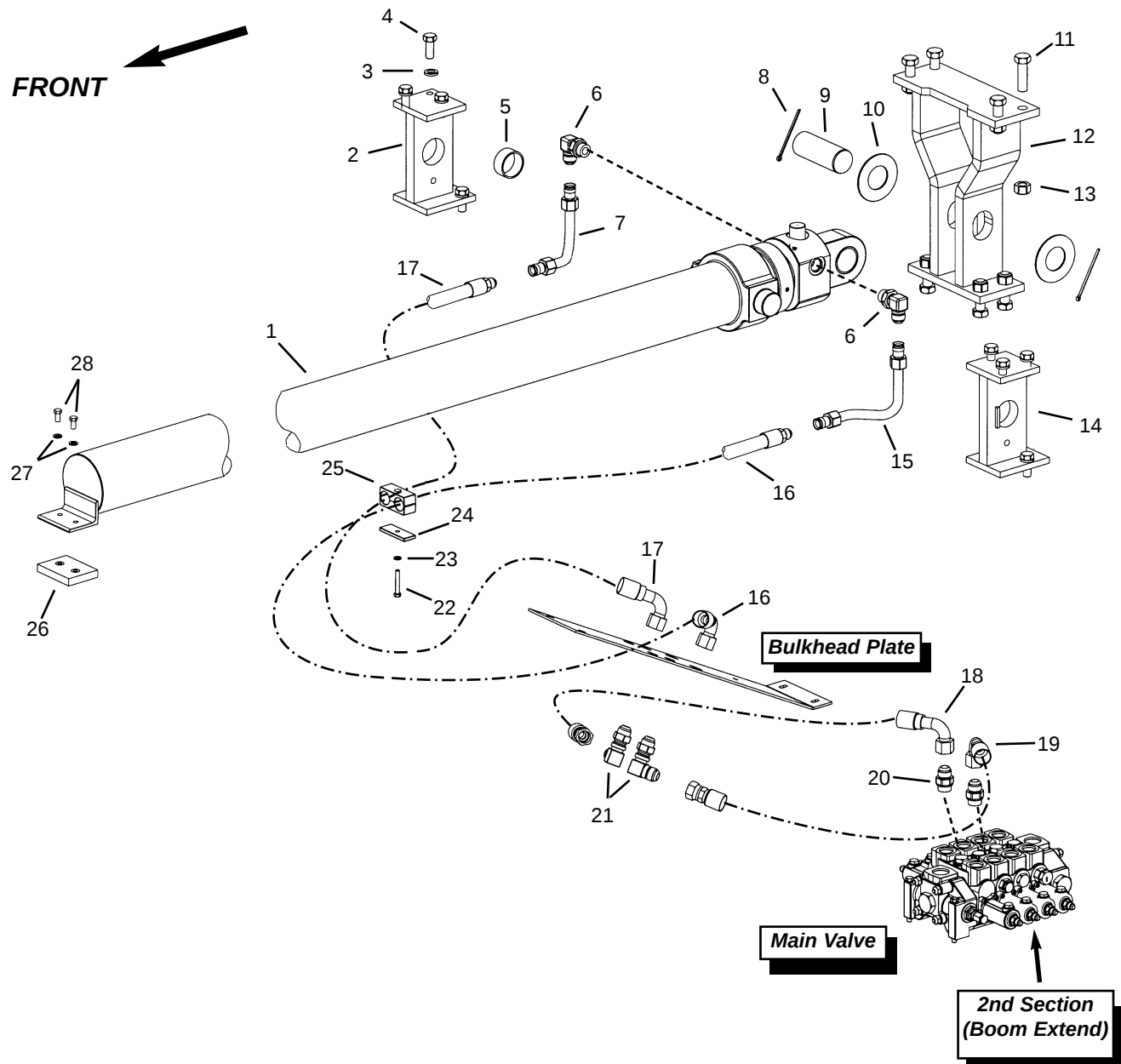
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101055	DYNATTACH® WELDMENT	1	11	L69724	PIN CAP	1
		<i>(includes item 5 and 13)</i>		12	L50230	5/16"X3/4" BOLT	2
02	L10465	1/4" -28 STR GREASE ZERK	2	13	101351	BUSHING	1
03	L65097	LOCK SPRING	1	14	L99889	BUSHING, TILT CYL. <i>(rod end)</i>	1
04	L65098	SPRING MOUNT.	1	15	102371	PIN, DYNATTACH PIVOT	1
05	L66456	BUSHING	2	16	L520019	1/2"-13 NYLON INSERT NUT	1
06	L50646	3/16"X1-3/4" ROLL PIN	1	17	L50986	1/2"-13X4-1/2" BOLT GR8	1
07	L66613	DECAL, DYNATTACH UNLOCKED	1	18	L66453	LOCK AND PIN ASSEMBLY	1
08 ^a	NSS	LOCK WELDMENT	1			<i>(Includes items 8 and 9)</i>	
09 ^a	NSS	PIN.	1				
10	L69727	PIN, TILT CYLINDER	1	a	Not sold separately, order item #18 P/N L66453 Lock and Pin Assembly.		



Boom Hydraulics

Boom Extend / Retract

RS6-42/RS8-42/44





Telescopic Handler

Boom Hydraulics

Boom Extend / Retract

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	Note a	EXTEND CYLINDER	1	18	102853	HOSE, -12 A12/DS12 18"	1
02	L64661	TRUNNION MOUNT (RH)	1	19	102853	HOSE, -12 A12/DS12 18"	1
		(Includes item 5)		20	L444001	ADAP -12ORM -12JICM STR.	2
03	L50156	5/8" LOCK WASHER	10	21	L446034	ADAP -12JICM BLKHD 90 DEG	4
04	L50313	5/8-11x1-1/2" BOLT	10	22	L50835	5/16"-18X2 GR5 BOLT	1
05	L48805	BUSHING 2.0" ID X 1.0" LENGTH	2	23	L50143	5/16" FLAT WASHER	1
06	L445001	ADAP -12ORM -12JICM 90 DEG	2	24	102517	PLATE, TOP CLAMP	1
07	102541	EXTEND CYLINDER TUBE (RH)	1	25	102516	CLAMP BODY TWIN CUSHION	1
08	L50608	3/16X4" COTTER PIN	2	26	L61709	SLIDE PAD	1
09	L69994	EXTEND CYLINDER PIN	1	27	L50147	3/8" LOCK WASHER	2
10	L400207	THRUST WASHER	2	28	L50251	3/8-16X3/4" BOLT	2
11	650711	3/4-10X3" BOLT	8				
12	102335	WELDMENT, EXTEND CYL MNT	1				
	L70420	TRUNNION SHIM (not shown)	1				
13	L50519	3/4-10 NYLON INSERT NUT	8				
14	L64443	TRUNNION MOUNT (LH)	1				
		(Includes item 5)					
15	102540	EXTEND CYLINDER TUBE (LH)	1				
16	L64316	HOSE, -12 A12/DS12 48"	1				
17	L64316	HOSE, -12 A12/DS12 48"	1				

a Refer to Hydraulic Cylinders section for the cylinder part number.

NOTE: Cylinder part number is stamped on the cylinder.

HOSE LOCATOR

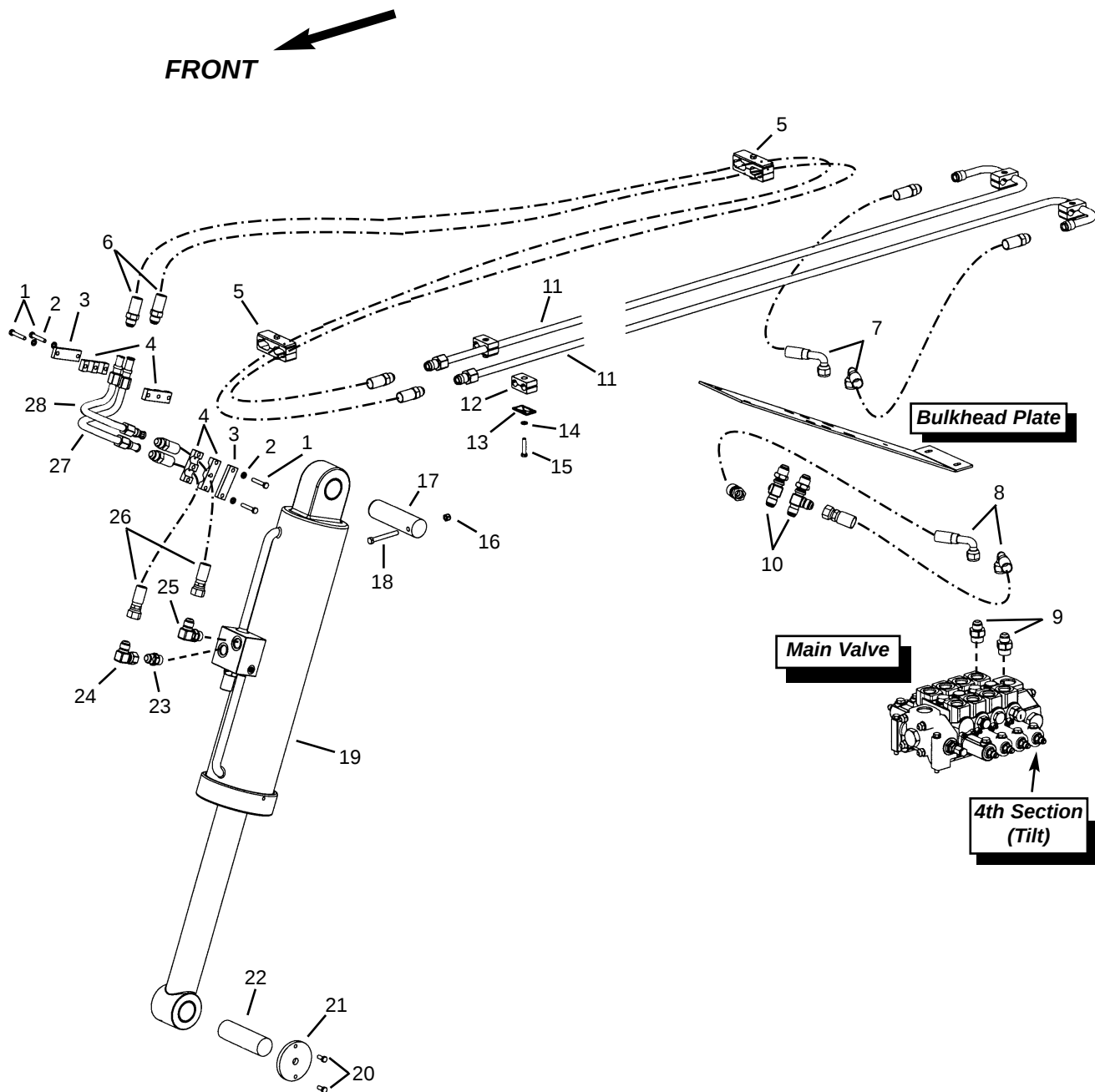
16	EXTEND CYLINDER "LEFT SIDE" (extend)	BULKHEAD PLATE "LEFT SIDE"
17	EXTEND CYLINDER "RIGHT SIDE" (retract)	BULKHEAD PLATE "RIGHT SIDE"
18	MAIN VALVE "BOOM EXTEND" (retract; right side)	BULKHEAD PLATE "RIGHT SIDE"
19	MAIN VALVE "BOOM EXTEND" (extend; left side)	BULKHEAD PLATE "LEFT SIDE"



Boom Hydraulics

Tilt

RS6-42/RS8-42/44





Telescopic Handler

Boom Hydraulics

Tilt

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50561	5/16"-18X1-3/4" BOLT	AR	23	L444010	ADAP, -10ORM -10JICM STR.	1
02	L50143	5/16" FLAT WASHER	AR	24	P471356	ADAP, -10JICFS -10JICM 90 DEG.	1
03	L63715	HOSE CUSHION TOP PLATE	2	25	L51599	ADAP -10ORM -10JICM 90 DEG	1
04	L68039	TUBE CUSHION DBL 5/8"	4	26	L70088	HOSE, -8 A10/H10 20"	2
05	L79167	HOSE CLAMP ASSEMBLY	2	27	L69449	TILT CYLINDER TUBE	1
06		BOOM HOSES	1	28	L69450	TILT CYLINDER TUBE	1
		<i>Note a</i>					
		<i>Note b</i>					
07	102833	HOSE -8 H10/DS10 42"	2	a		42' BOOM models;	
08	102854	HOSE -8 A10/DS10 25"	2			Uses (1) L500784 protective sleeve and	
09	P471351	ADAP, -12ORM -10JICM	2			(2) L70090 Hose, -8 H10/H10 360".	
10	L443012	ADAP, -10 BULK HD TEE	2	b		44' BOOM models;	
11 ^d	102551	TILT CYLINDER TUBE	2			Uses (1) L500784 protective sleeve and	
12	L69832	CLAMP, DBL TUBE .62"	6			(2) L69944 Hose, -8 H10/H10 380".	
13	L69833	PLATE, TOP DBL CUSHION.	6	c		Refer to Hydraulic Cylinders section for the cylinder	
14	L50143	5/16" FLAT WASHER	6			part number.	
15	L50842	3/8"-16X1-1/2" BOLT	6	d		Located on the bottom side of the boom in the	
16	L520005	3/8" NYLON INSERT NUT	1			center. If equipped with auxiliary hydraulics,	
17	L69601	PIN, TILT CYL BASE END	1			the auxiliary hydraulic tubes are toward the	
18	L50275	3/8"-16X3" BOLT	1			outer sides of the boom.	
19	<i>Note c</i>	TILT CYLINDER - 5.5X20.0.	1				
20	L50230	5/16-18X3/4" BOLT	2				
21	L69724	PIVOT PIN CAP	1				
22	L69727	PIN, TILT CYL ROD END	1				

NOTE: Cylinder part number is stamped on the cylinder.

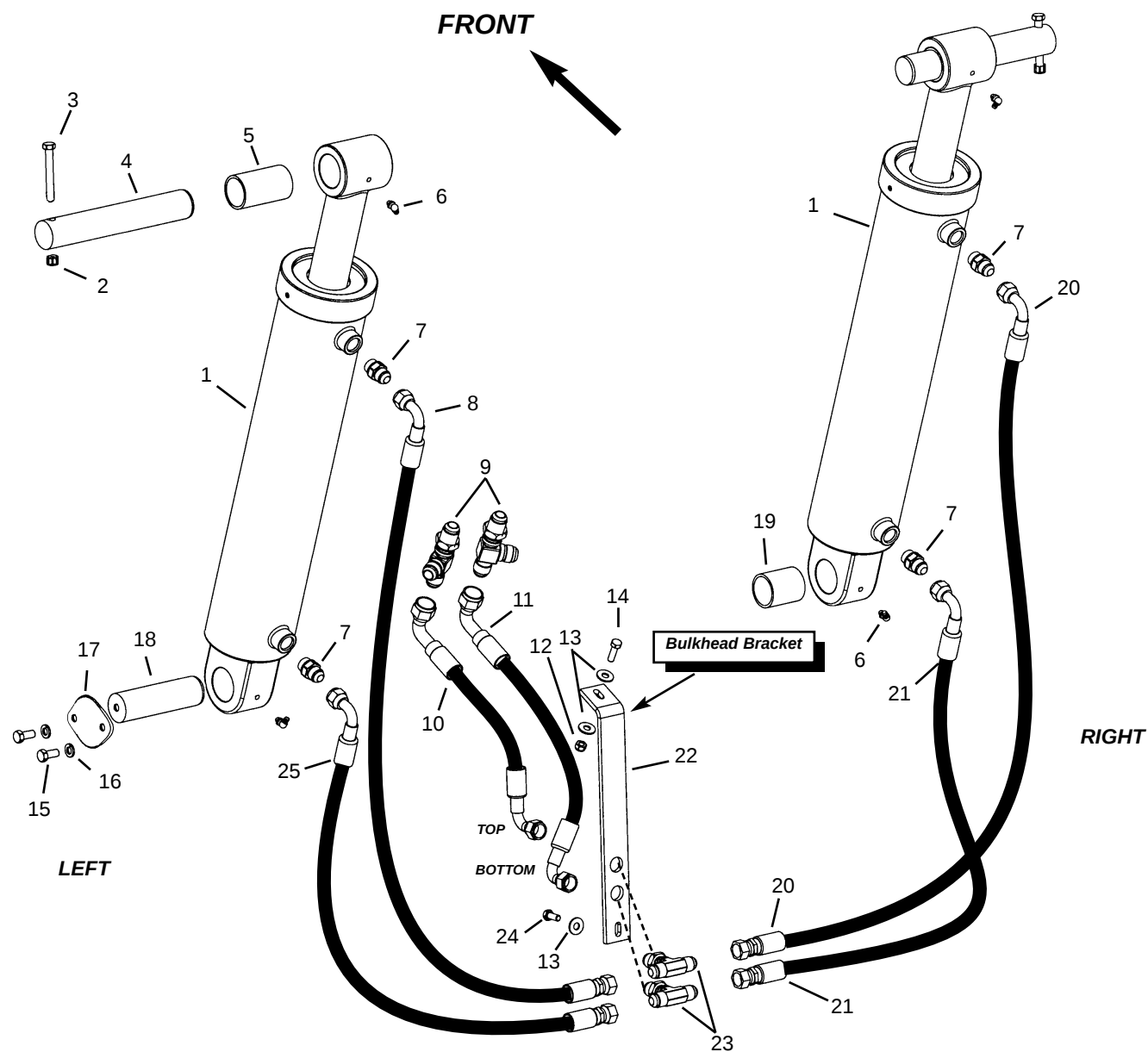
HOSE LOCATOR

06	HYDRAULIC TILT TUBES (under boom)	HYDRAULIC TUBES (upper front boom)
07	BULKHEAD PLATE (tee fitting)	HYDRAULIC TILT TUBES (under boom)
08	MAIN VALVE (tilt section - 4th from front)	BULKHEAD PLATE (tee fitting)
26	HYDRAULIC TUBES (upper front boom)	TILT CYLINDER

Boom Hydraulics

Slave (Compensation)

RS6-42/RS8-42/44





Telescopic Handler

Boom Hydraulics Slave (Compensation)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	Note a	SLAVE CYLINDER	2	18	105654	PIN, SLAVE CYL. (base end)	2
02	L520005	3/8"-16 NYLON INSERT NUT	2	19	L68003	BUSHING	2
03	L50273	3/8"-16X2-3/4" BOLT	2	20	102858	HOSE, -8 A8/DS8 46"	1
04	102445	PIN, SLAVE CYL. (rod end)	2	21	102857	HOSE, -8 A8/DS8 28"	1
05	L63018	BUSHING 660 1.5IDX3.0	2	22	105128	BRACKET, BULKHEAD PLATE	1
06	L10057	1/4"-28 GREASE ZERK 90 DEG.	4	23	102775	ADAP, BULK HD BRANCH TEE	2
07	L444004	ADAP, -8ORM -8JICM STR.	4	24	L50823	5/16-18X1" BOLT	4
08	102858	HOSE, -8 A8/DS8 46"	1	25	102857	HOSE, -8 A8/DS8 28"	1
09	L443012	ADAP, -10 BULK HD RUN TEE	2				
10	102859	HOSE, -8 DS8/DS10 16"	1				
11	102859	HOSE, -8 DS8/DS10 16"	1				
12	L520004	5/16-18 NYLON INSERT NUT	AR				
13	L50141	5/16" FLAT WASHER	AR				
14	L50823	5/16-18X1" BOLT	AR				
15	L510008	5/16-18X5/8" BOLT	4				
16	L50143	5/16" LOCK WASHER	2				
17	105653	CAP, SLAVE CYL. PIN	2				

a Refer to Hydraulic Cylinders section for the cylinder part number.

NOTE: Cylinder part number is stamped on the cylinder.

HOSE LOCATOR

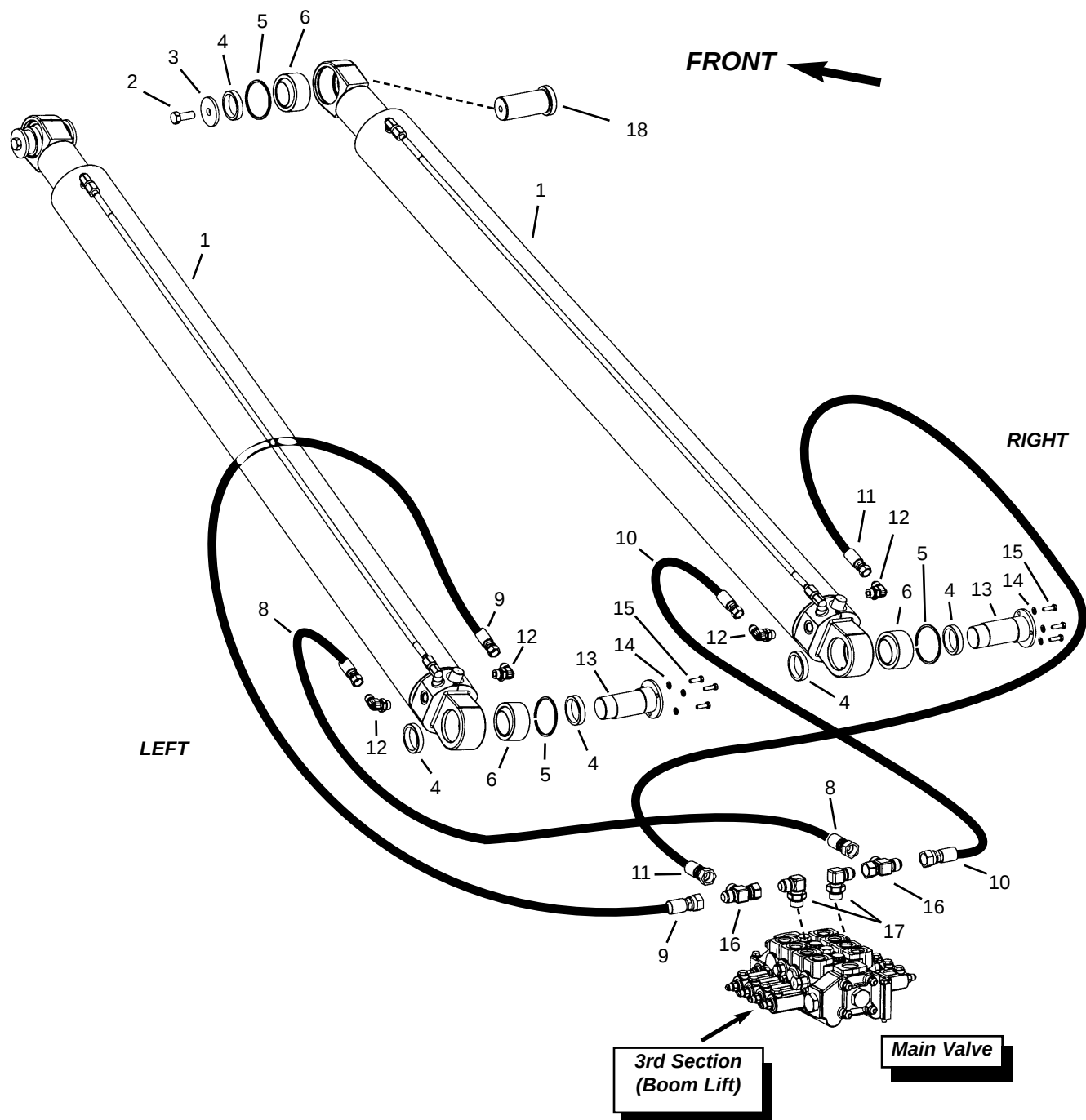
08	LEFT SLAVE CYLINDER "TOP"	BRANCH TEE "TOP" (under bulkhead plate)
10	BULKHEAD TEE "LEFT"	BRANCH TEE "TOP-FRONT" (under bulkhead plt)
11	BULKHEAD TEE "RIGHT"	BRANCH TEE "BOTTOM-FRONT" (under bulkhead)
20	RIGHT SLAVE CYLINDER "TOP"	BRANCH TEE "TOP" (under bulkhead plate)
21	RIGHT SLAVE CYLINDER "BOTTOM"	BRANCH TEE "BOTTOM" (under bulkhead plate)
25	LEFT SLAVE CYLINDER "BOTTOM"	BRANCH TEE "BOTTOM" (under bulkhead plate)



Boom Hydraulics

Boom Up / Down

RS6-42/RS8-42/44





Telescopic Handler

Boom Hydraulics

Boom Up / Down

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	Note a	LIFT CYLINDER	2	13	L66392	PIN, ECCENTRIC	4
02	L50313	5/8"X1-1/2" BOLT GR5	2	14	L50143	5/16" LOCK WASHER	6
03	L64590	WASHER, PIN RETAINER	2	15	L50245	5/16"-24X1" GR5 BOLT	6
04	L64591	SPACER	8	16	L446019	ADAP, -12 SWVL TEE	2
05	L97885	SNAP RING	AR	17	L445001	ADAP, -12ORM -12JICM	2
06	L97884	BEARING, SPHERICAL	AR	18	103841	PIN, LIFT CYL.. w/SHOULDER.	1
08	102856	HOSE, -8 A8/A12 88"	1				
09	102855	HOSE, -8 A8/A12 66"	1				
10	102855	HOSE, -8 A8/A12 66"	1				
11	102856	HOSE, -8 A8/A12 88"	1				
12	L445002	ADAP, -8ORM -8JICM 90 DEG	4				

a Refer to Hydraulic Cylinders section for cylinder part number.

NOTE: Cylinder part number is stamped on the cylinder.

HOSE LOCATOR

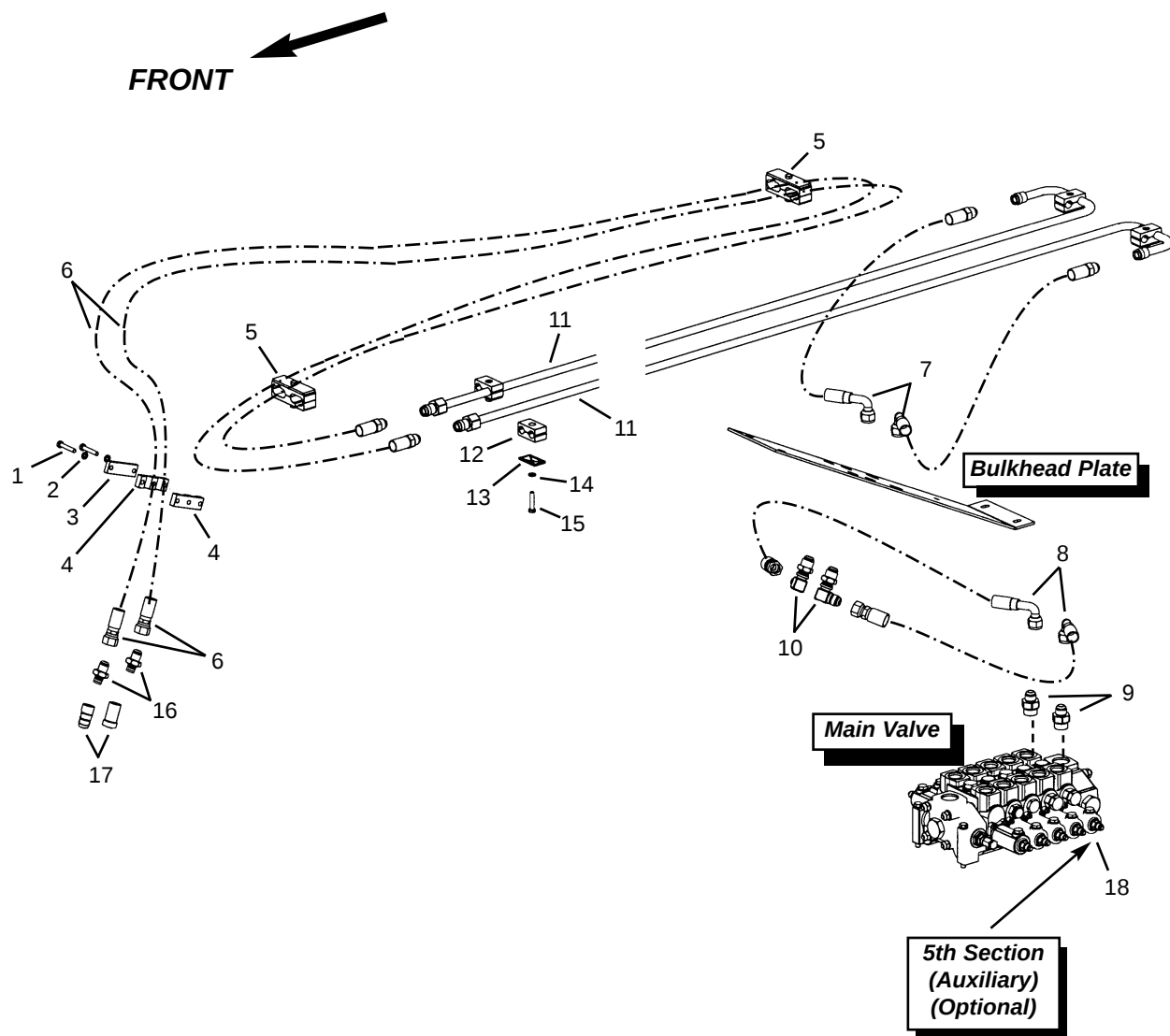
08	LEFT LIFT CYLINDER "LEFT SIDE" (retract)	MAIN VALVE (3rd section - right side [retract])
09	LEFT LIFT CYLINDER "RIGHT SIDE" (extend)	MAIN VALVE (3rd section - left side [extend])
10	RIGHT LIFT CYLINDER "LEFT SIDE" (retract)	MAIN VALVE (3rd section - right side [retract])
11	RIGHT LIFT CYLINDER "RIGHT SIDE" (extend)	MAIN VALVE (3rd section - left side [extend])



Boom Hydraulics

Auxiliary Hydraulics Circuit

RS6-42/RS8-42/44





Telescopic Handler

Boom Hydraulics Auxiliary Hydraulics Circuit

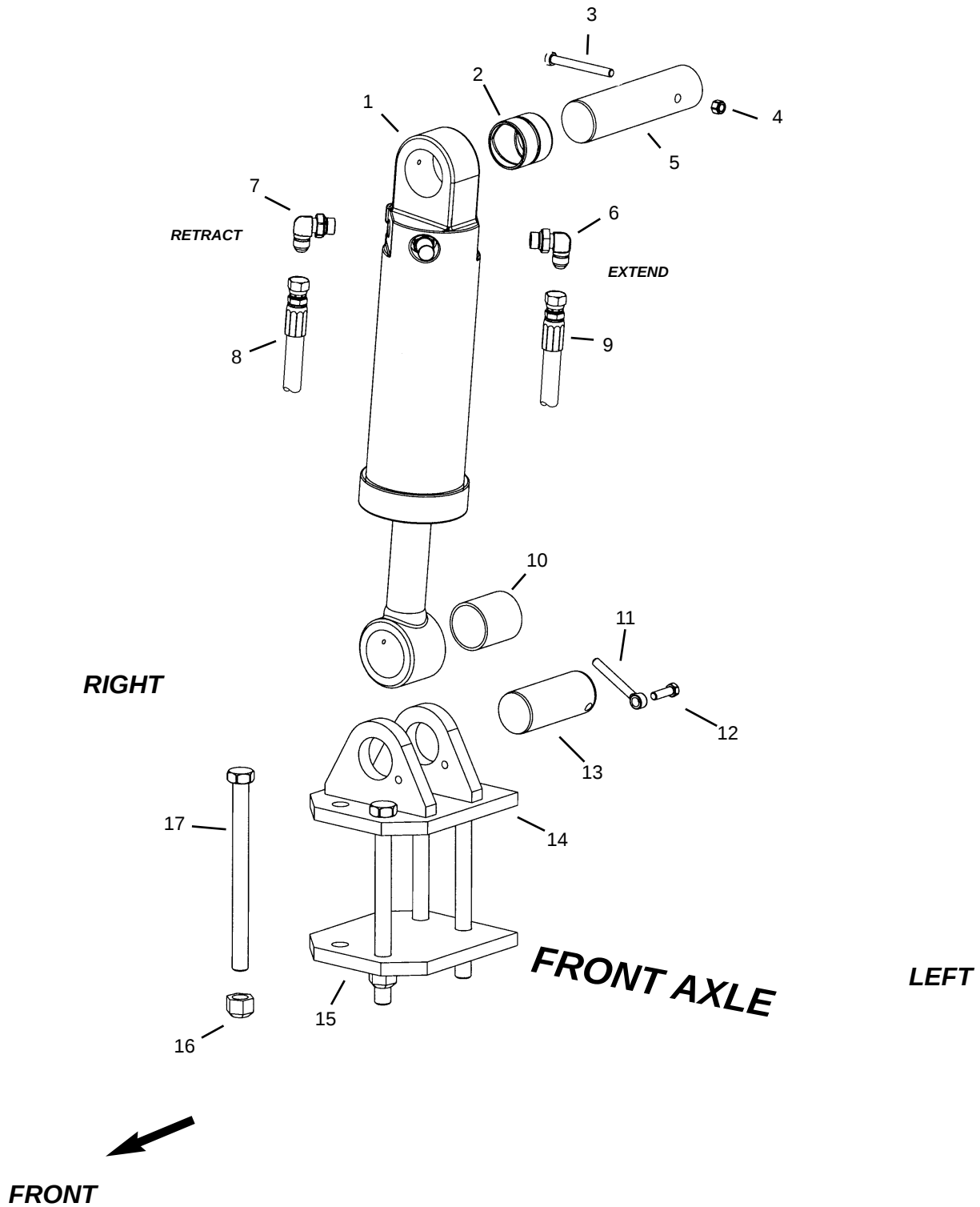
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L50884	5/16"-18X2-1/4" BOLT	2	17	L65273	QUICK COUPLER SET.	1
02	L50143	5/16" FLAT WASHER	2	18	102420	KIT, AUX HYD SECTION	1
03	L63719	HOSE CUSHION TOP PLATE	2		102807	KIT, FIVE SECTION TIE BOLT . . .	4
04	L63720	TUBE CUSHION DBL .88"	4			(each kit contains [1] bolt, [2] washers and [2] nuts)	
05	L79167	HOSE CLAMP ASSEMBLY	2				
06		AUXILIARY HYD. HOSES.	1				
		<i>Note a</i>					
		<i>Note b</i>					
07	102833	HOSE -8 H10/DS10 42"	2	00	102718	DECAL, AUXILIARY CONTROL . .	1
08	102832	HOSE -8 A10/DS10 30".	2				
09	P471351	ADAP, -12ORM -10JICM.	2				
10	L443011	ADAP, -10JICM BULK HD 90 DEG. 2					
11 ^c	102552	AUX HYD TUBE	2	a		42' BOOM models; Use (1) L500784 protective sleeve and (2) L70105 Hose, -8 H10/H10 380".	
12	L69832	CLAMP, DBL TUBE .62"	6				
13	L69833	PLATE, TOP DBL CUSHION.	6	b		44' BOOM models; Use (1) L500784 protective sleeve and (2) L69945 Hose, -8 H10/H10 400".	
14	L50143	5/16" FLAT WASHER	6				
15	L50842	3/8"-16X1-1/2" BOLT	6	c		Located on the bottom side of the boom towards the outside. The inner tubes are for the tilt cylinder.	
16	L444011	ADAP, -8ORM -10JICM STR.	2				



Chassis Hydraulics

Frame Level

RS6-42/RS8-42/44





Telescopic Handler

Chassis Hydraulics Frame Level

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	<i>Note a</i>	LEVEL CYLINDER	1	11	L68881	LOCK, PIVOT PIN	1
02	L64367	BRONZE BEARING	1	12	L50403	3/8"-16X1-1/4" BOLT	1
03	L50277	3/8"-16X3-1/2" BOLT	1	13	L68882	PIVOT PIN (<i>rod end</i>)	1
04	L520005	3/8"-16 NYLON INSERT NUT	1	14	102191	FRAME LEVEL MOUNT	1
05	L63276	PIN, CYLINDER (<i>base end</i>)	1	15	102190	PLATE, FRAME LEVEL	1
06	L66017	ADAP, W/ORIFICE -8ORM -8JICM	1	16	L50084	3/4"-10 STOVER NUT	4
07	L445002	ADAP, -8ORM -8JICM 90 DEG	1	17	L50712	3/4"-10X9" GR8 BOLT	4
08	102860	HOSE, -8 A8/A8 168"	1	<i>a Refer to Hydraulic Cylinders section for cylinder part number.</i>			
09	102873	HOSE, -8 A8/A8 190"	1				
10	L63016	BRONZE BEARING	1				

HOSE LOCATOR

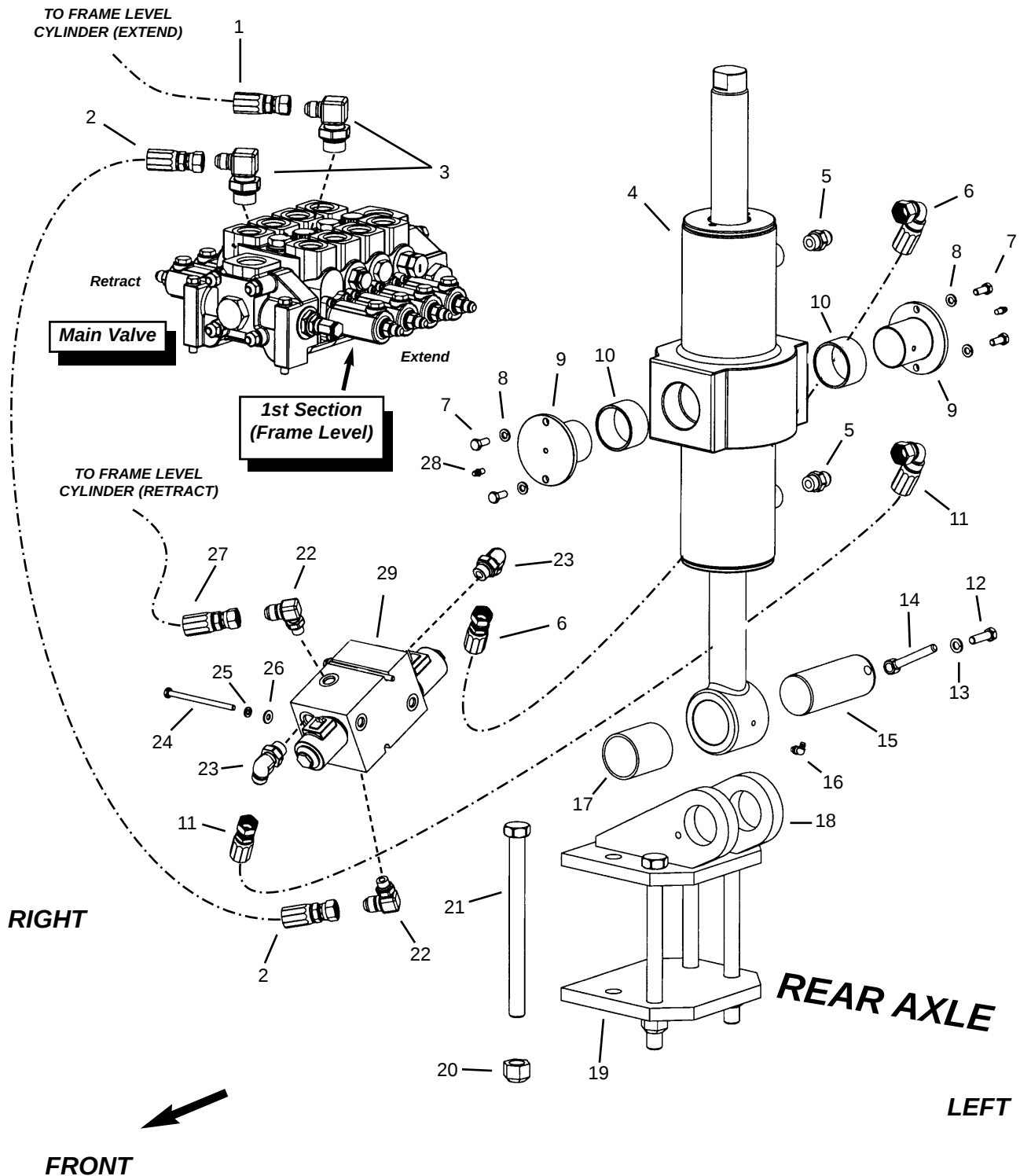
08	FRAME LEVEL CYLINDER "OUTSIDE" (<i>retract</i>)	STABILIZING CYL MANIFOLD "TOP PORT" (<i>located on left inside rear of frame</i>)
09	FRAME LEVEL CYLINDER "INSIDE" (<i>extend</i>)	MAIN VALVE (<i>1st section - right side</i>)



Chassis Hydraulics

Frame Stabilizer

RS6-42/RS8-42/44





Telescopic Handler

Chassis Hydraulics

Frame Stabilizer

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102873	HOSE, -8 A8/A8 190"	1	17	L69138	BUSHING (<i>rod end</i>).	1
02	L68817	HOSE, -8 A8/A8 26"	1	18	102272	STABILIZER CYL MOUNT	1
03	L445006	ADAP, -12ORM -8JICM 90	2	19	102190	MOUNT PLATE	1
04	Note a	FRAME STABILIZER CYLINDER . .	1	20	L50084	3/4-10 NUT GR8	4
05	L444004	ADAP, -8ORM -8JICM STR.	2	21	L50712	3/4-10X9" GR8 BOLT	4
06	102858	HOSE, -8 A8/DS8 46"	1	22	L51968	ADAP, -6ORM -8JICM 90 DEG. . . .	2
07	L50230	5/16"-18X3/4" BOLT	4	23	L445002	ADAP, -8ORM -8JICM 90 DEG. . . .	2
08	L50143	5/16" LOCK WASHER.	4	24	102774	1/4"-20X4" BOLT GR5.	1
09	L69776	TRUNNION PIVOT PIN.	2	25	L50139	1/4" LOCK WASHER.	1
10	L69774	BUSHING	2	26	L50137	1/4" FLAT WASHER	1
11	102858	HOSE, -8 A8/DS8 46"	1	27	102860	HOSE, -8 A8/A8 168"	1
12	L50403	3/8"-16x1-1/4" BOLT	1	28	L10465	1/4"-28 GREASE ZERK STR	1
13	L50147	3/8" LOCK WASHER.	1	29	102877	MANIFOLD, STABILIZING CYL. . . .	1
14	L68881	LOCK, PIVOT PIN.	1				
15	L68882	LEVEL CYL. PIN (<i>rod end</i>)	1				
16	L10057	1/4"-28 GREASE ZERK 90 DEG. . .	1	a	Refer to Hydraulic Cylinders section for cylinder part number.		

Hose Locator

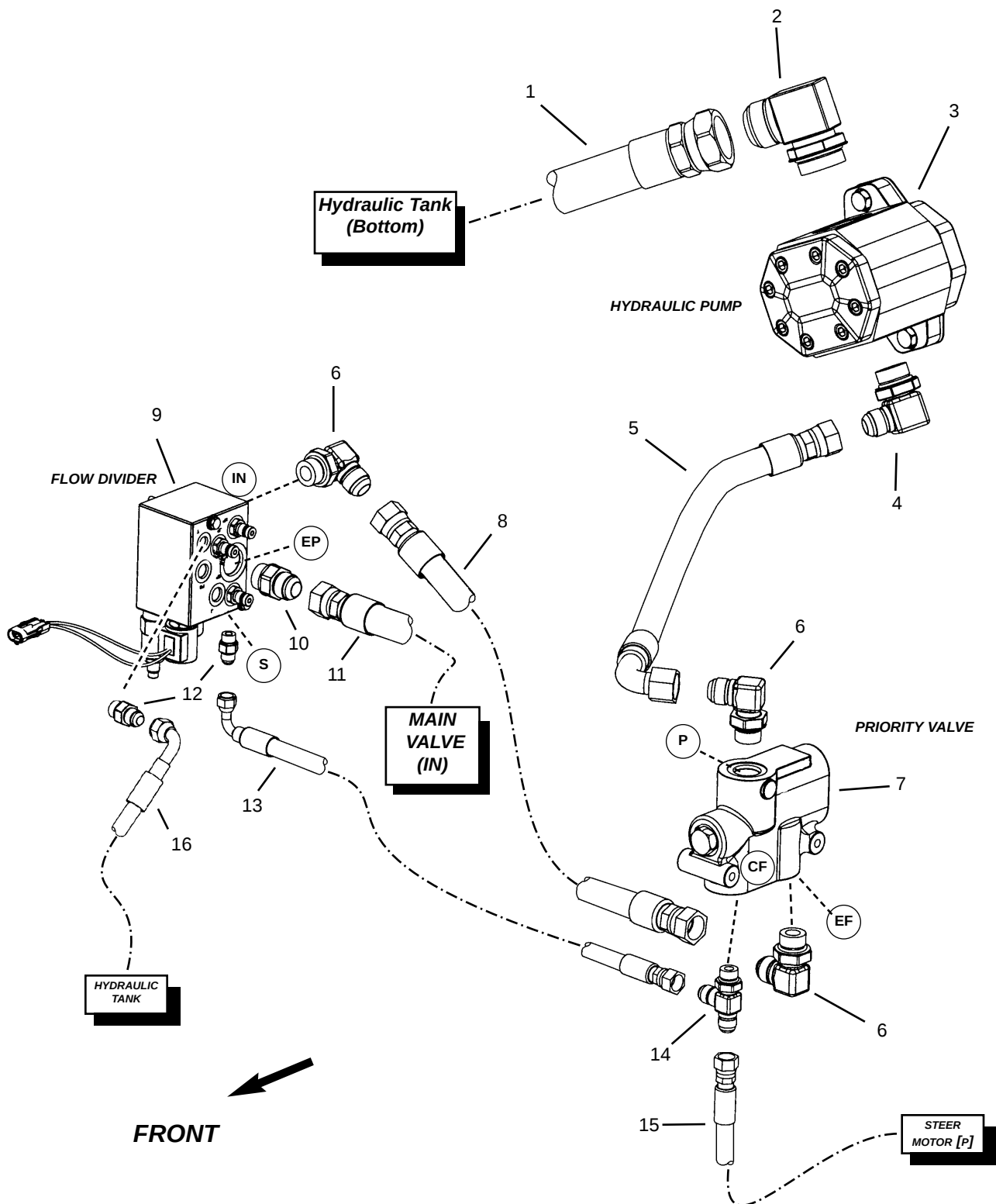
Ref No.	From Port	To Port
01	MAIN VALVE, 1ST SECTION (<i>extend</i>)	FRAME LEVEL CYLINDER "INSIDE" (<i>extend</i>)
02	MAIN VALVE, 1ST SECTION (<i>retract</i>)	STABILIZING CYL. MANIFOLD "BOTTOM" (<i>retract</i>)
06	STABILIZING CYL. MANIFOLD "REAR"	STABILIZING CYLINDER "TOP PORT"
11	STABILIZING CYL. MANIFOLD "FRONT"	STABILIZING CYLINDER "BOTTOM PORT"
27	STABILIZING CYL. MANIFOLD "TOP"	FRAME LEVEL CYLINDER "OUTSIDE" (<i>retract</i>)



Hydraulics

Hydraulic Pump

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics Hydraulic Pump

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L63309	HOSE, -24 A24/A24 35"	1	12	L444002	ADAP, -6ORM -6JICM.	2
02	L445010	ADAP, -24ORM -24JICM 90°	1	13	102836	HOSE, -6 A8/DS6 19"	1
03	102498	HYDRAULIC PUMP	1	14	L64660	ADAP, -8ORM -8JICM TEE.	1
	L46865	GASKET (<i>not shown</i>)	1	15	102835	HOSE, -6 A8/DS8 50"	1
	L50599	1/2"-13x1-1/2" BOLT (<i>not shown</i>)	2	16	102946	HOSE, -6 A6/DS6 18"	1
04	L61092	ADAP, -16orm -12jicm 90°	1	a <i>Note: If the unit is equipped with the outrigger option, there will be two additional hoses. Hose P/N 102814; -12 A12/DS12 74" will attach to fitting item #10 and will go to the outrigger valve. Hose P/N 102815; -12 H12/A12 58" will return from the outrigger valve and will connect to the existing hose, item 11. Please refer to the outrigger pages located in the Chassis section for more information.</i>			
05	102834	HOSE, -12 A12/DS12 13"	1				
06	L445001	ADAP, -12ORM -12JICM.	3				
07	104132	PRIORITY VALVE	1				
08	L64311	HOSE, -12 A12/A12 21"	1				
09	102313	FLOW DIVIDER VALVE	1				
10 ^a	L444001	ADAP, -12ORM -12JICM.	1				
11 ^a	102838	HOSE, -12 A12/A12 115"	1				

HOSE LOCATOR

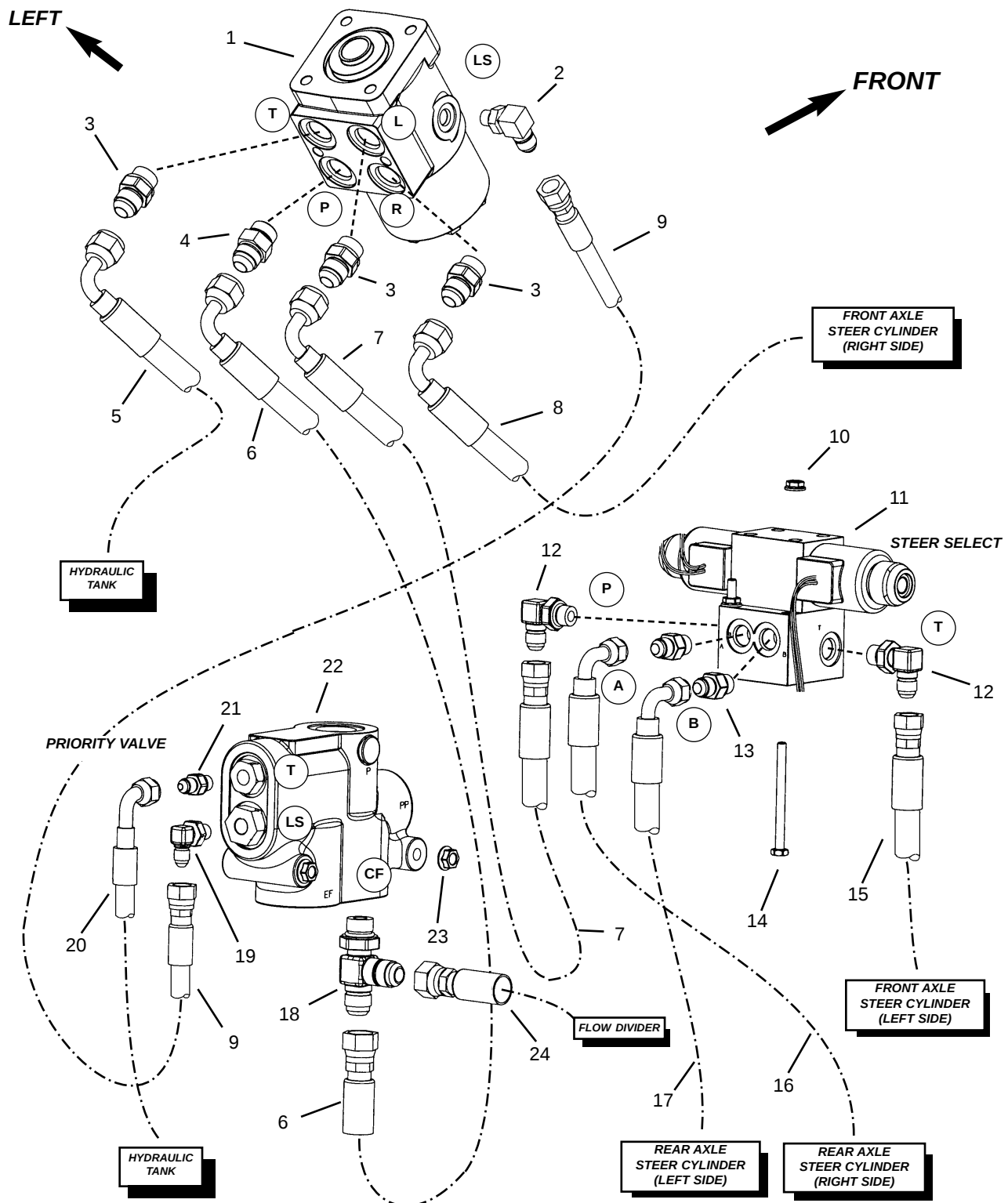
01	HYDRAULIC PUMP "IN"	HYDRAULIC TANK "BOTTOM - OUT"
05	HYDRAULIC PUMP "OUT"	PRIORITY VALVE "P" (<i>top of valve</i>)
08	PRIORITY VALVE "EF" (<i>bottom of valve</i>)	FLOW DIVIDER "IN" (<i>side</i>)
11 ^a	FLOW DIVIDER "EP" (<i>front of valve</i>) (<i>STANDARD</i>)	MAIN VALVE "IN"
11 ^a	OUTRIGGER VALVE/HOSE (<i>OUTRIGGER OPTION</i>)	MAIN VALVE "IN"
13	PRIORITY VALVE "CF" (<i>bottom of valve - tee</i>)	FLOW DIVIDER "S" (<i>bottom of valve</i>)
15	PRIORITY VALVE "CF" (<i>bottom of valve - tee</i>)	STEER MOTOR "P"
16	FLOW DIVIDER "T" (<i>front of valve</i>)	HYDRAULIC TANK RETURN (<i>return manifold</i>)



Hydraulics

Steering

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics Steering

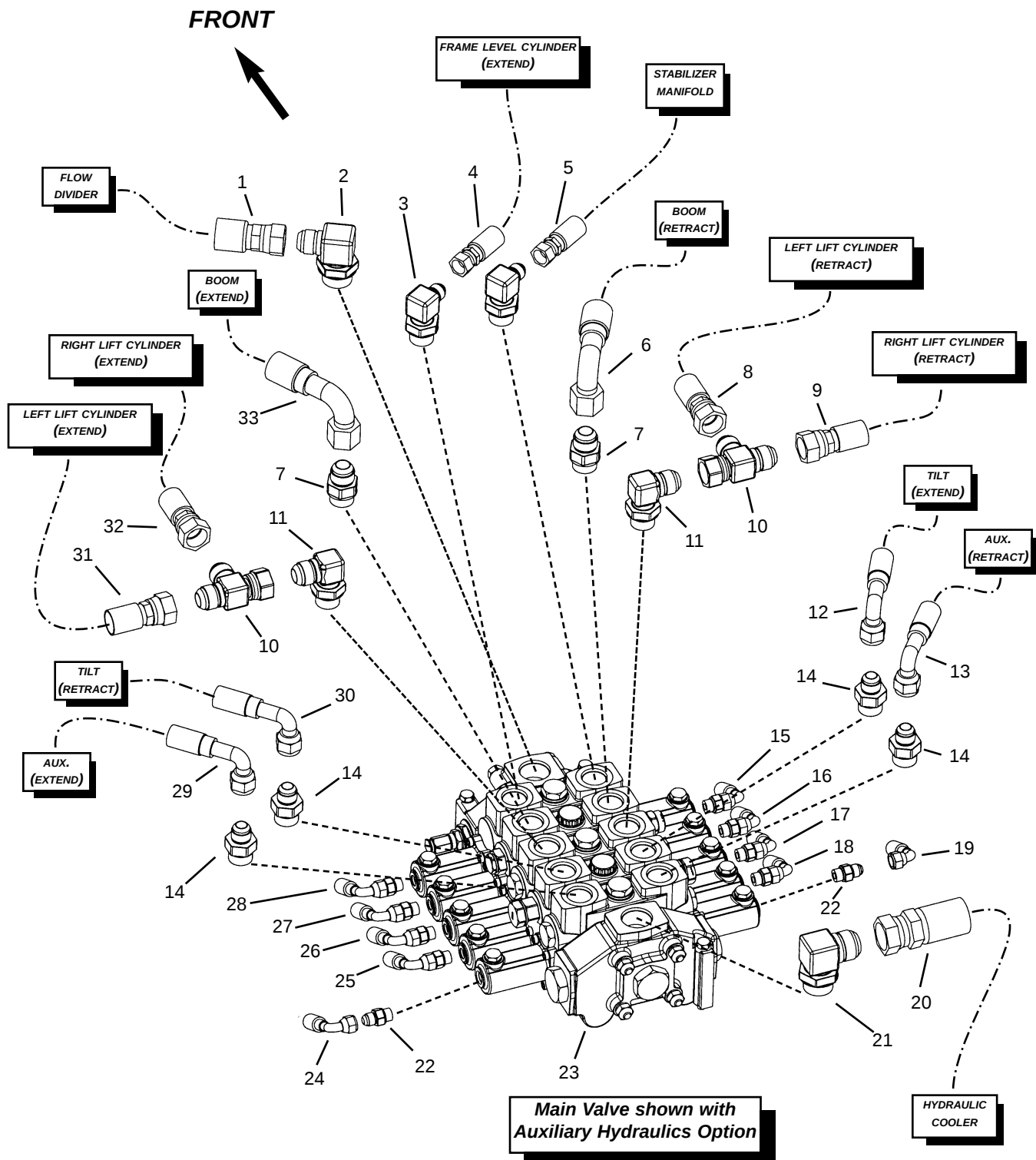
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101880	STEER MOTOR	1	13	L444002	ADAP, -6ORM -6JICM STR.	2
02	L51591	ADAP, -4ORM -4JICM 90°	1	14	L50535	1/4"-20X3" BOLT	2
03	L444004	ADAP, -8ORM -8JICM STR.	3	15	102848	HOSE, -6 A6/A8 48"	1
04	L64524	VALVE, CHECK.	1	16	L69936	HOSE, -6 A6/A8 100"	1
05	L63383	HOSE, -6 A6/DS8 52"	1	17	L69936	HOSE, -6 A6/A8 100"	1
06	102835	HOSE, -6 A8/DS8 50"	1	18	L64660	ADAP, -8ORM -8JICM TEE.	1
07	102846	HOSE, -6 A6/DS8 58"	1	19	L51591	ADAP, -4ORM -4JICM 90°	1
08	102847	HOSE, -6 A8/DS8 82"	1	20	L69904	HOSE, -4 A6/DS6 20"	1
09	102837	HOSE, -4 A4/A4 52"	1	21	L444012	ADAP, -6ORM -4JICM STR.	1
10	L50051	1/4"-20 WHIZ LOCK NUT	2	22	104132	PRIORITY VALVE	1
11	L69747	VALVE, STEER SELECT	1	23	L50056	5/16-18 WHIZ LOCK NUT.	2
12	L445003	ADAP, -6ORM -6JICM 90°	2	24	102836	HOSE, -6 A8/DS6 19"	1



Hydraulics

Main Valve

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Main Valve

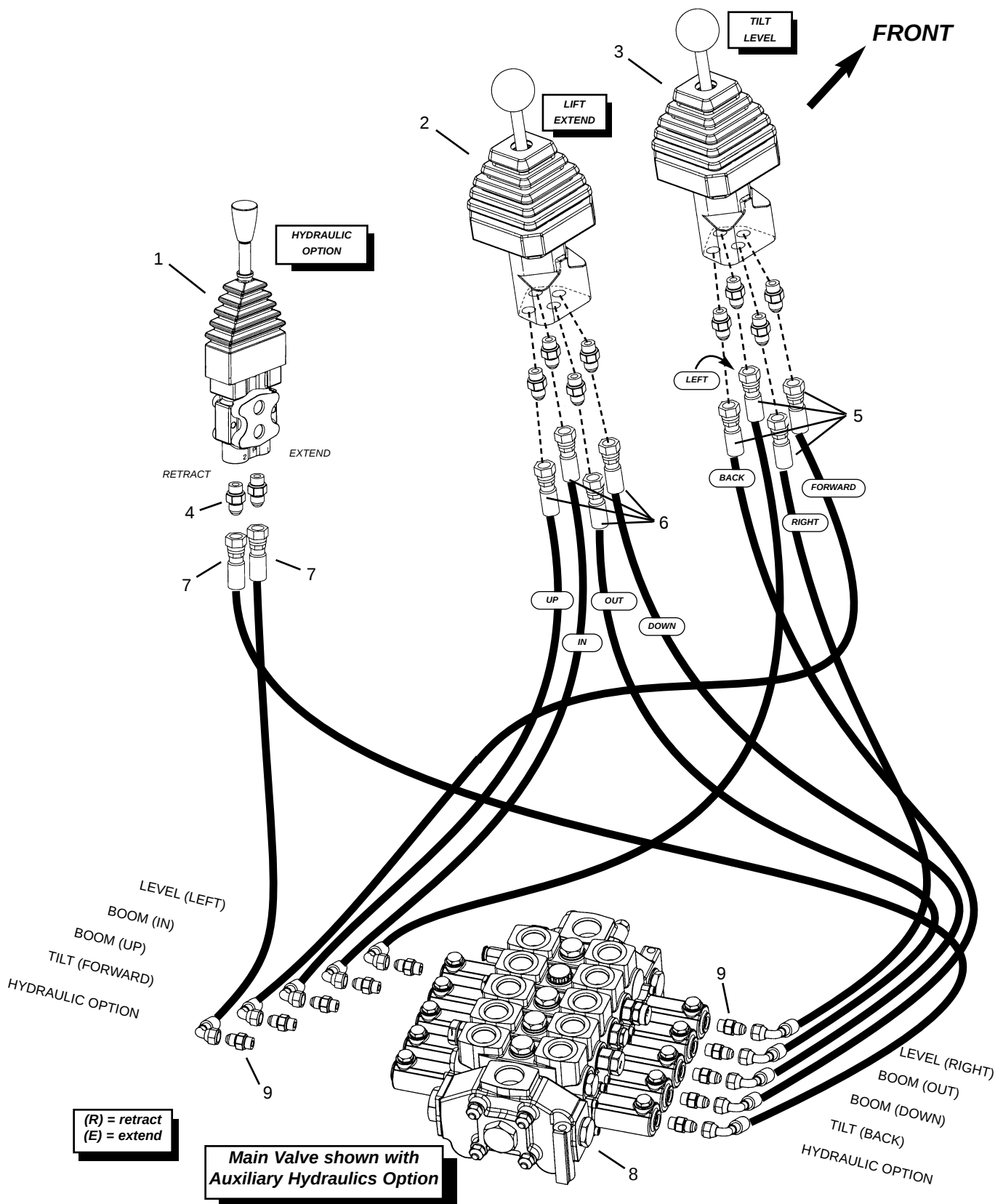
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102838	HOSE, -12 A12/A12 115"	1	25 ^a	102845	HOSE, -4 A6/DS6 120"	1
02	L61092	ADAP, -16ORM -12JICM 90°	1	26 ^a	102844	HOSE, -4 A6/DS6 108"	1
03	L445006	ADAP, -12ORM -8JICM 90°	2	27 ^a	102844	HOSE, -4 A6/DS6 108"	1
04	102873	HOSE, -8 A8/A8 190"	1	28 ^a	102845	HOSE, -4 A6/DS6 120"	1
05	L68817	HOSE, -8 A8/A8 26"	1	29	102832	HOSE -8 A10/DS10 30"	2
06	102853	HOSE, -12 A12/DS12 18"	1	30	102854	HOSE -8 A10/DS10 25"	2
07	L444001	ADAP, -12ORM -12JICM STR.	2	31	102855	HOSE, -8 A8/A12 66"	1
08	102856	HOSE, -8 A8/A12 88"	1	32	102856	HOSE, -8 A8/A12 88"	1
09	102855	HOSE, -8 A8/A12 66"	1	33	102853	HOSE, -12 A12/DS12 18"	1
10	L446019	ADAP, -12 SWVL RUN TEE	2				
11	L445001	ADAP, -12ORM -12JICM	2				
12	102854	HOSE -8 A10/DS10 25"	2	a	Refer to next page for information regarding the location of these hoses.		
13	102832	HOSE -8 A10/DS10 30"	2				
14	P471351	ADAP, -12ORM -10JICM	2	b	The illustration on the facing page shows the (optional) auxiliary hydraulic work section with the main valve.		
15 ^a	102845	HOSE, -4 A6/DS6 120"	1				
16 ^a	102844	HOSE, -4 A6/DS6 108"	1				
17 ^a	102844	HOSE, -4 A6/DS6 108"	1				
18 ^a	102845	HOSE, -4 A6/DS6 120"	1	c	For units equipped with 99 h.p. engine; hose connects to rear cooler lower port.		
19 ^a	102831	HOSE, -4 A6/DS6 102"	1				
20		HOSE	1	d	For units equipped with 115 h.p. engine; hose connects to cold start by-pass valve.		
	102849	HOSE, -16 A16/A16 42" (note c)					
	105691	HOSE, -16 A16/DS16 29' (note d)					
21	L51621	ADAP, -16ORM -16JICM	1				
22	103194	ADAP, 1/4BSP -6JICM STR	AR				
23 ^b	102356	MAIN VALVE	1				
	102420	KIT, AUX HYD SECTION (optional)	1				
	102807	KIT, FIVE SECTION TIE BOLT	4				
24 ^a	102831	HOSE, -4 A6/DS6 102"	1				



Hydraulics

Main Valve - Dual Controllers

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

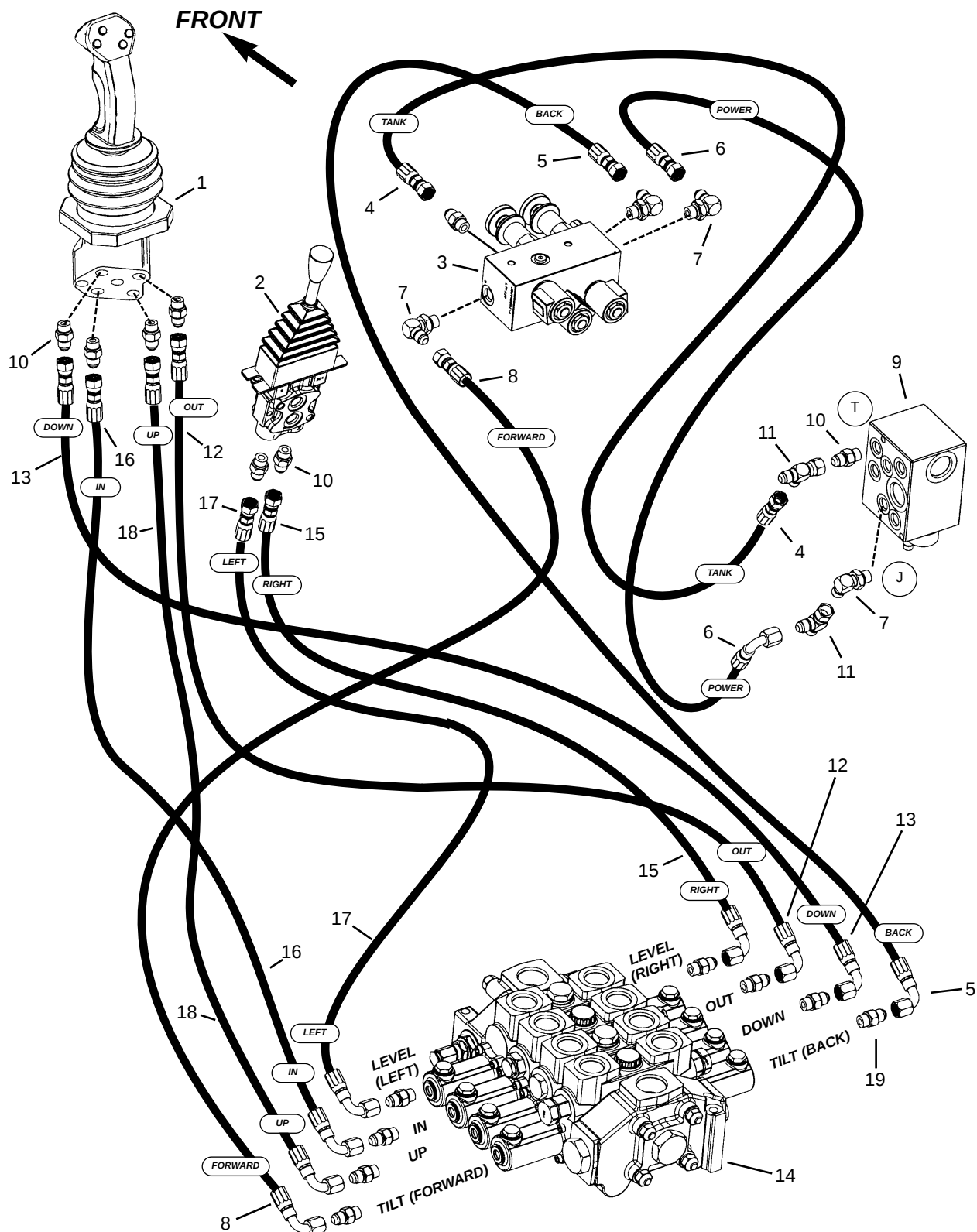
Main Valve - Dual Controllers

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102435	CONTROLLER, AUX. HYD	1	08 ^a	102356	MAIN VALVE	1
02	102434	CONTROLLER, LIFT/EXTEND	1		102420	KIT, AUX HYD SECTION <i>(optional)</i>	1
03	102784	CONTROLLER, TILT/LEVEL	1		102807	KIT, FIVE SECTION TIE BOLT . . .	4
04	L444002	ADAP, -6ORM -6JICM STR	AR			<i>(each kit contains [1] bolt,</i>	
05	102845	HOSE, -4 A6/DS6 120"	4			<i>[2] washers and [2] nuts)</i>	
06	102844	HOSE, -4 A6/DS6 108"	4	09	103194	ADAP, 1/4BSP -6JICM STR	AR
07	102831	HOSE, -4 A6/DS6 102"	2				

a The illustration on the facing page shows the (optional) auxiliary hydraulic work section with the main valve.

Hydraulics

Main Valve - Tri-Function Controller

RS6-42/RS8-42/44



Telescopic Handler

Hydraulics

Main Valve - Tri-Function Controller

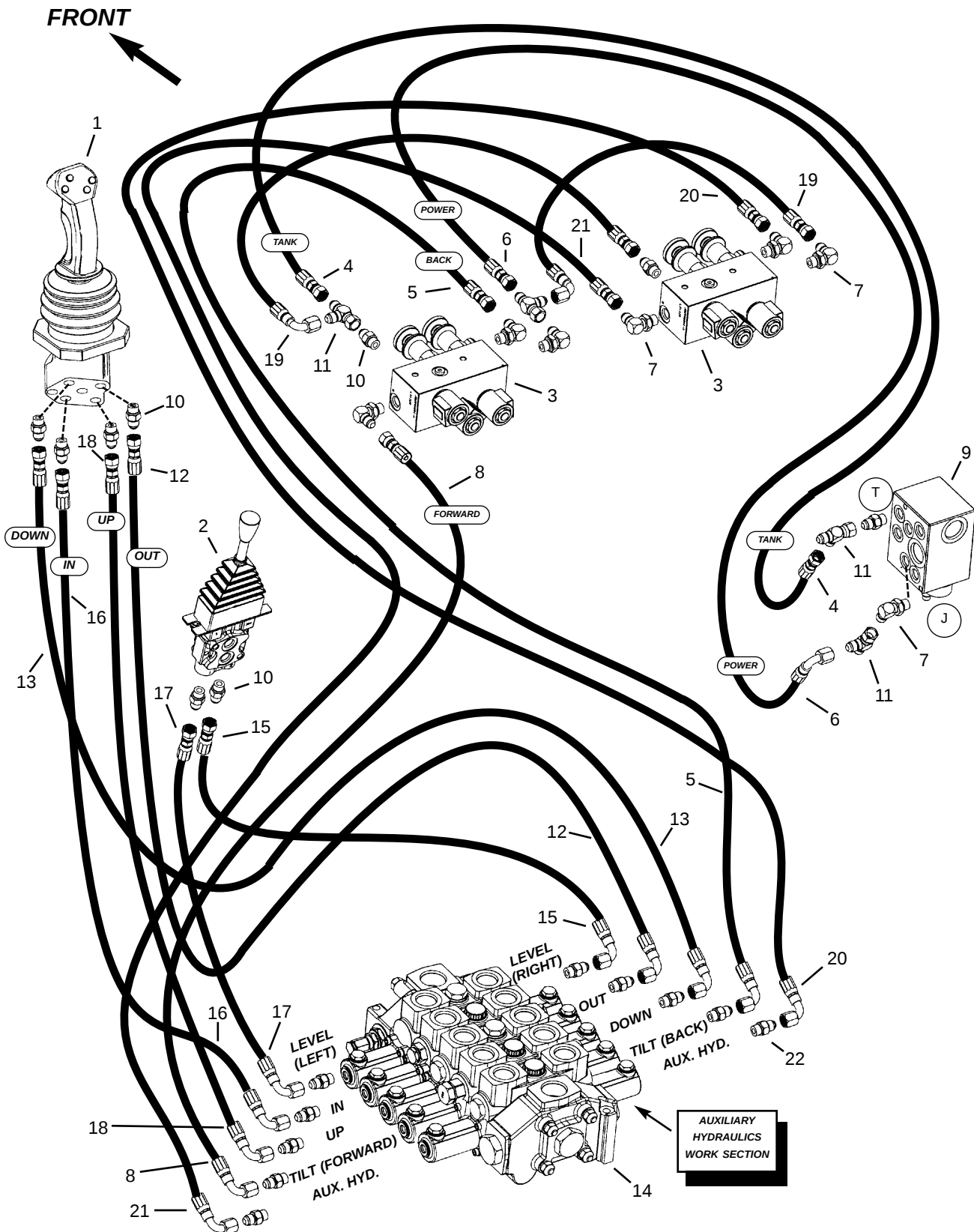
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . . .	1	13	102845	HOSE, -4 A6/DS6 120"	1
02	102435	CONTROLLER	1	14	102356	MAIN VALVE	1
03	L71339	PILOT APPLY MANIFOLD.	1	15	102844	HOSE, -4 A6/DS6 108"	1
04	102786	HOSE, -4 A6/A6 54"	1	16	102845	HOSE, -4 A6/DS6 120"	1
05	L68809	HOSE, -4 A6/DS6 136"	1	17	102844	HOSE, -4 A6/DS6 108"	1
06	103318	HOSE, -4 A6/DS6 52"	1	18	102845	HOSE, -4 A6/DS6 120"	1
07	L445003	ADAP, -6ORM -6JICM 90°	AR	19	103194	ADAP, 1/4BSP -6JICM STR	AR
08	102845	HOSE, -4 A6/DS6 120"	1				
09	102313	MANIFOLD, JOYSTICK RELIEF. . .	1				
10	L444002	ADAP, -6ORM -6JICM STR	AR				
11	L446049	ADAP., -6JIC SWIVEL	AR				
12	102845	HOSE, -4 A6/DS6 120"	1				
						-- ITEMS NOT SHOWN--	
				00	104216	HARNESS, TRI-FUNCTION CTRL .	1



Hydraulics

RS6-42/RS8-42/44

Main Valve - Tri-Function Controller (w/Auxiliary Hydraulics)



Telescopic Handler

Hydraulics

Main Valve - Tri-Function Controller (w/Auxiliary Hydraulics)

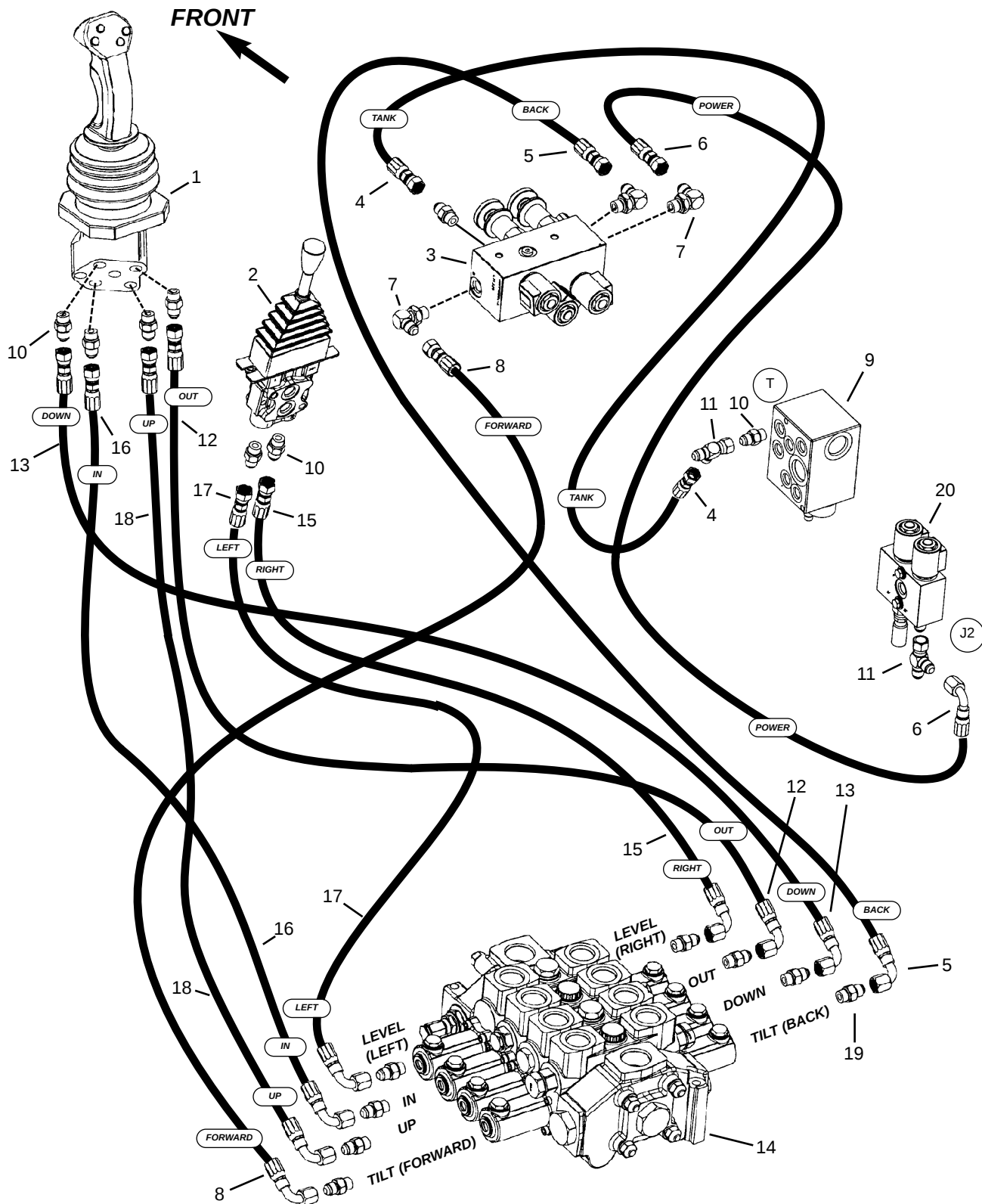
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . .	1	15	102844	HOSE, -4 A6/DS6 108"	1
02	102435	CONTROLLER	1	16	102845	HOSE, -4 A6/DS6 120"	1
03	L71339	PILOT APPLY MANIFOLD.	2	17	102844	HOSE, -4 A6/DS6 108"	1
04	102786	HOSE, -4 A6/A6 54"	1	18	102845	HOSE, -4 A6/DS6 120"	1
05	L68809	HOSE, -4 A6/DS6 136"	1	19	L69903	HOSE, -4 A6/DS6 17"	2
06	103318	HOSE, -4 A6/DS6 52"	1	20	104221	HOSE, -4 A6/DS6 165"	1
07	L445003	ADAP, -6ORM -6JICM 90°	AR	21	104220	HOSE, -4 A6/DS6 156"	1
08	102845	HOSE, -4 A6/DS6 120"	1	22	103194	ADAP, 1/4BSP -6JICM STR	AR
09	102313	MANIFOLD, JOYSTICK RELIEF . .	1				
10	L444002	ADAP, -6ORM -6JICM STR	AR				
11	L446049	ADAP, -6JIC SWIVEL	AR				
12	102845	HOSE, -4 A6/DS6 120"	1				
13	102845	HOSE, -4 A6/DS6 120"	1				
14 ^a	102356	MAIN VALVE	1				
	102420	KIT, AUX HYD SECTION (optional)	1				
	102807	KIT, FIVE SECTION TIE BOLT . .	4				
		(each kit contains [1] bolt, [2] washers and [2] nuts)					
				00	104216	HARNESS, TRI-FUNCTION CNTL .	1
				a		The illustration on the facing page shows the auxiliary hydraulic work section with the main valve.	



Hydraulics

RS6-42/RS8-42/44

Main Valve - Tri-Function Controller (w/PWP)



**Telescopic Handler****Hydraulics*****Main Valve - Tri-Function Controller (w/PWP)***

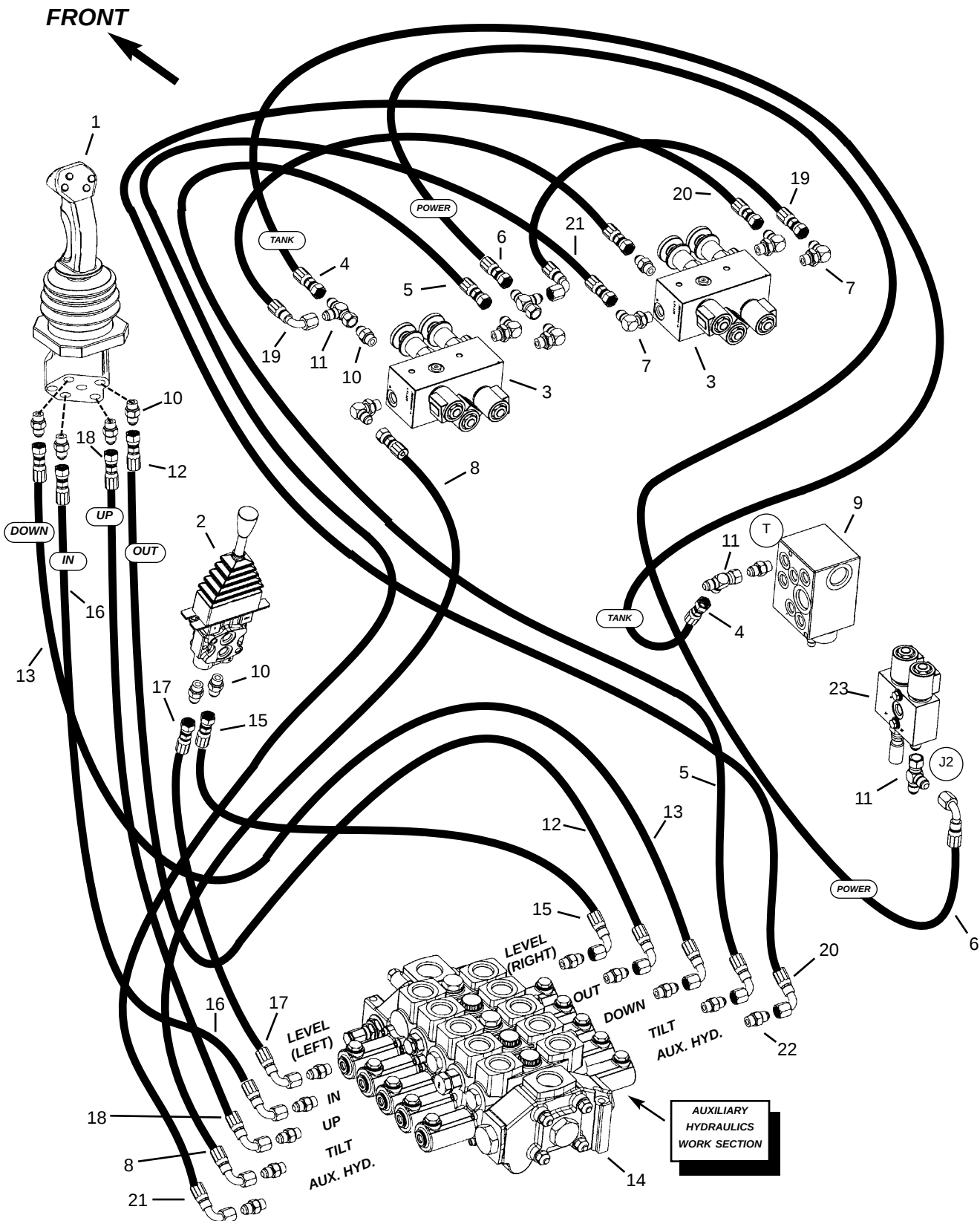
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . . . 1		13	102845	HOSE, -4 A6/DS6 120" 1	
02	102435	CONTROLLER 1		14	102356	MAIN VALVE 1	
03	L71339	PILOT APPLY MANIFOLD. 1		15	102844	HOSE, -4 A6/DS6 108" 1	
04	102786	HOSE, -4 A6/A6 54" 1		16	102845	HOSE, -4 A6/DS6 120" 1	
05	L68809	HOSE, -4 A6/DS6 136" 1		17	102844	HOSE, -4 A6/DS6 108" 1	
06	103318	HOSE, -4 A6/DS6 52" 1		18	102845	HOSE, -4 A6/DS6 120" 1	
07	L445003	ADAP, -6ORM -6JICM 90° AR		19	103194	ADAP, 1/4BSP -6JICM STR AR	
08	102845	HOSE, -4 A6/DS6 120" 1		20	102321	MANIFOLD, PWP/WPS. 1	
09	102313	MANIFOLD, JOYSTICK RELIEF. . . 1					
10	L444002	ADAP, -6ORM -6JICM STR AR					
11	L446049	ADAP., -6JIC SWIVEL AR					
12	102845	HOSE, -4 A6/DS6 120" 1					
						-- ITEMS NOT SHOWN--	
				00	104216	HARNES, TRI-FUNCTION CTRL. 1	



Hydraulics

RS6-42/RS8-42/44

Main Valve - Tri-Function Controller (w/PWP and Auxiliary Hydraulics)





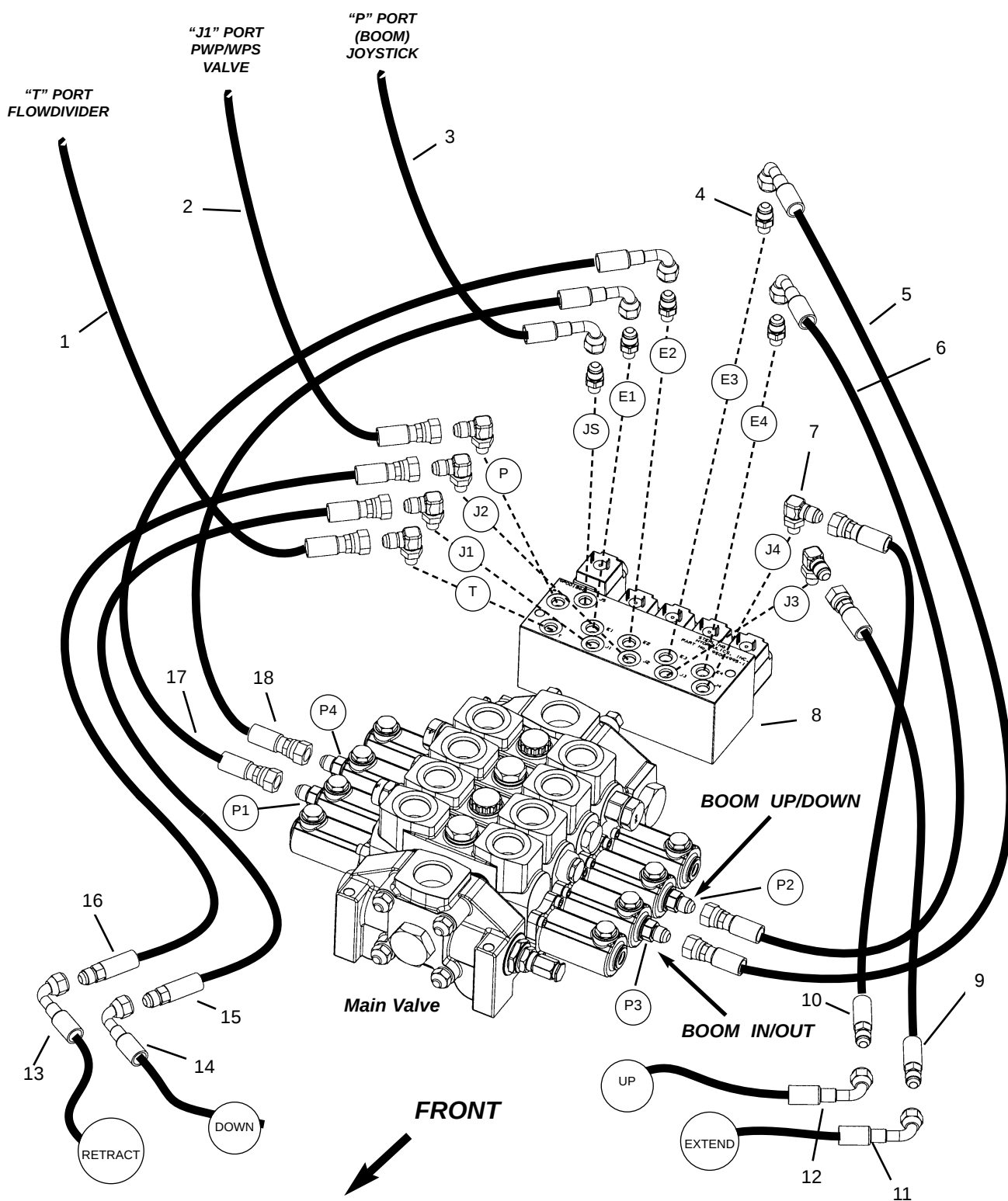
Hydraulics

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROL, NEXT GENERATION	1	15	102844	HOSE, -4 A6/DS6 108"	1
02	102435	CONTROLLER	1	16	102845	HOSE, -4 A6/DS6 120"	1
03	L71339	PILOT APPLY MANIFOLD.	2	17	102844	HOSE, -4 A6/DS6 108"	1
04	102786	HOSE, -4 A6/A6 54"	1	18	102845	HOSE, -4 A6/DS6 120"	1
05	L68809	HOSE, -4 A6/DS6 136"	1	19	L69903	HOSE, -4 A6/DS6 17"	2
06	103318	HOSE, -4 A6/DS6 52"	1	20	104221	HOSE, -4 A6/DS6 165"	1
07	L445003	ADAP, -6ORM -6JICM 90°.	AR	21	104220	HOSE, -4 A6/DS6 156"	1
08	102845	HOSE, -4 A6/DS6 120"	1	22	103194	ADAP, 1/4BSP -6JICM STR	AR
09	102313	MANIFOLD, JOYSTICK RELIEF. . . .	1	23	102321	MANIFOLD, PWP/WPS	1
10	L444002	ADAP, -6ORM -6JICM STR	AR				
11	L446049	ADAP., -6JIC SWIVEL	AR				
12	102845	HOSE, -4 A6/DS6 120"	1				
13	102845	HOSE, -4 A6/DS6 120"	1	00	104216	-- ITEMS NOT SHOWN-- HARNESS, TRI-FUNCTION	1
14 ^a	102356	MAIN VALVE	1				
	102420	KIT, AUX HYD SECTION (optional)	1				
	102807	KIT, FIVE SECTION TIE BOLT	4	a		The illustration on the facing page shows the auxiliary hydraulic work section with the main valve.	
		(each kit contains [1] bolt, [2] washers and [2] nuts)					

Hydraulics

Main Valve - Radio Remote Control Option

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

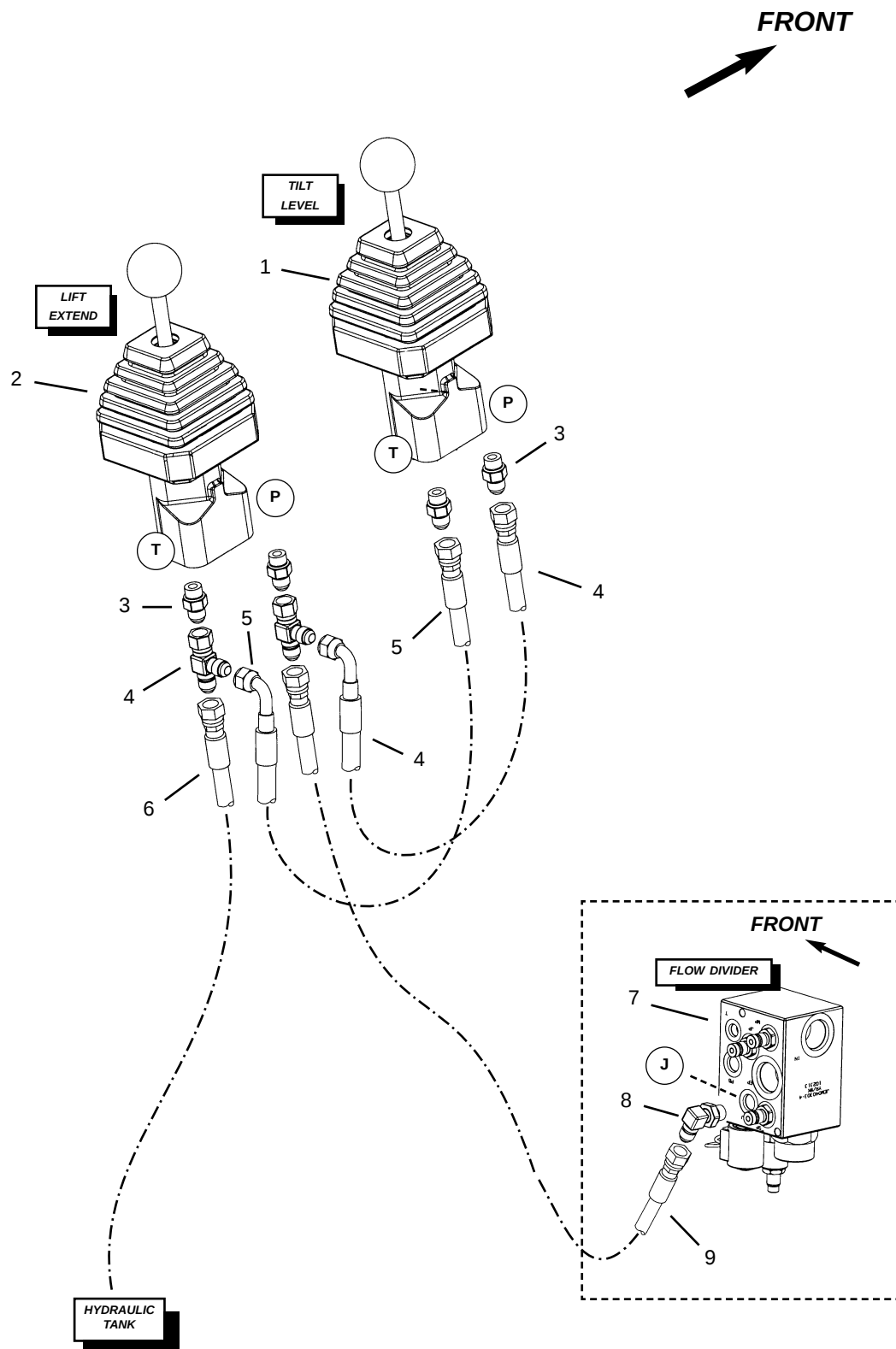
Main Valve - Radio Remote Option

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L69905	HOSE, -6 A6/A6 130"	1	10	L69902	HOSE, -6 A6/H6 20"	1
02	L69906	HOSE, -6 A6/A6 110"	1	11	102844	HOSE, -4 A6/DS6 108"	4
03	103505	HOSE, -4 H6/A6 109"	1	12	102844	HOSE, -4 A6/DS6 108"	4
04	L444012	ADAP, -4ORM -6JICM STR.	5	13	102844	HOSE, -4 A6/DS6 108"	4
05	L68804	HOSE, -4 A6/DS6 26"	1	14	102844	HOSE, -4 A6/DS6 108"	4
06	L68804	HOSE, -4 A6/DS6 26"	1	15	L69902	HOSE, -6 A6/H6 20"	1
07	L62842	ADAP, -4ORM -6JICM 90°	6	16	L69902	HOSE, -6 A6/H6 20"	1
08	103413	MANIFOLD, RADIO REMOTE	1	17	L68804	HOSE, -4 A6/DS6 26"	1
09	L69902	HOSE, -6 A6/H6 20"	1	18	L68804	HOSE, -4 A6/DS6 26"	1

Hydraulics

Dual Controllers (Standard)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Dual Controllers (Standard)

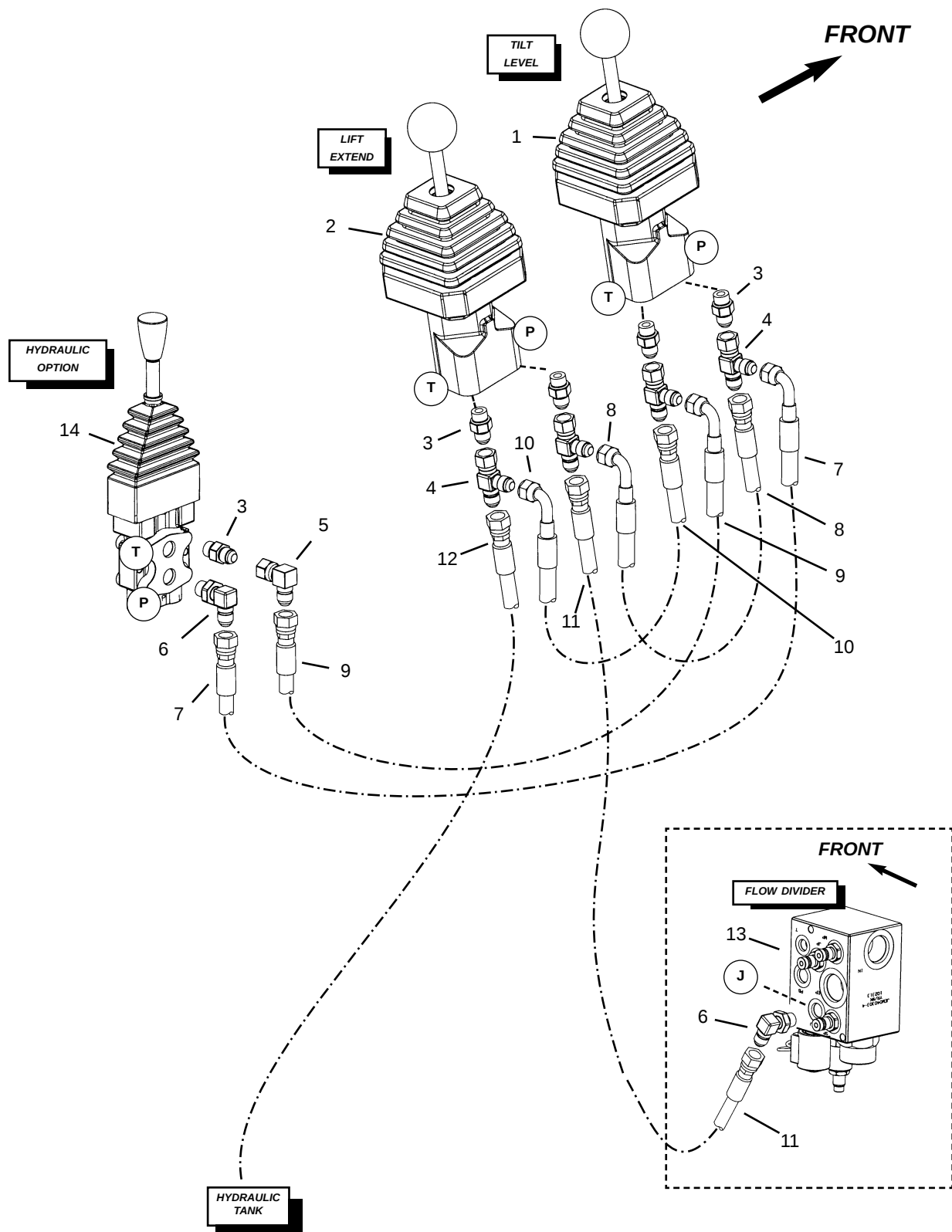
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	06	102843	HOSE, -4 A6/DS6 35"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	07	102313	MANIFOLD, JOYSTICK RELIEF	1
03	L444002	ADAP, -6ORM -6JICM STR.	4	08	L445003	ADAP, -6ORM -6JICM 90°	1
04	L69903	HOSE, -4 A6/DS6 17"	1	09	102786	HOSE, -4 A6/A6 54"	1
05	L69903	HOSE, -4 A6/DS6 17"	1				



Hydraulics

Dual Controllers (w/Auxiliary Hydraulics)

RS6-42/RS8-42/44





Telescopic Handler

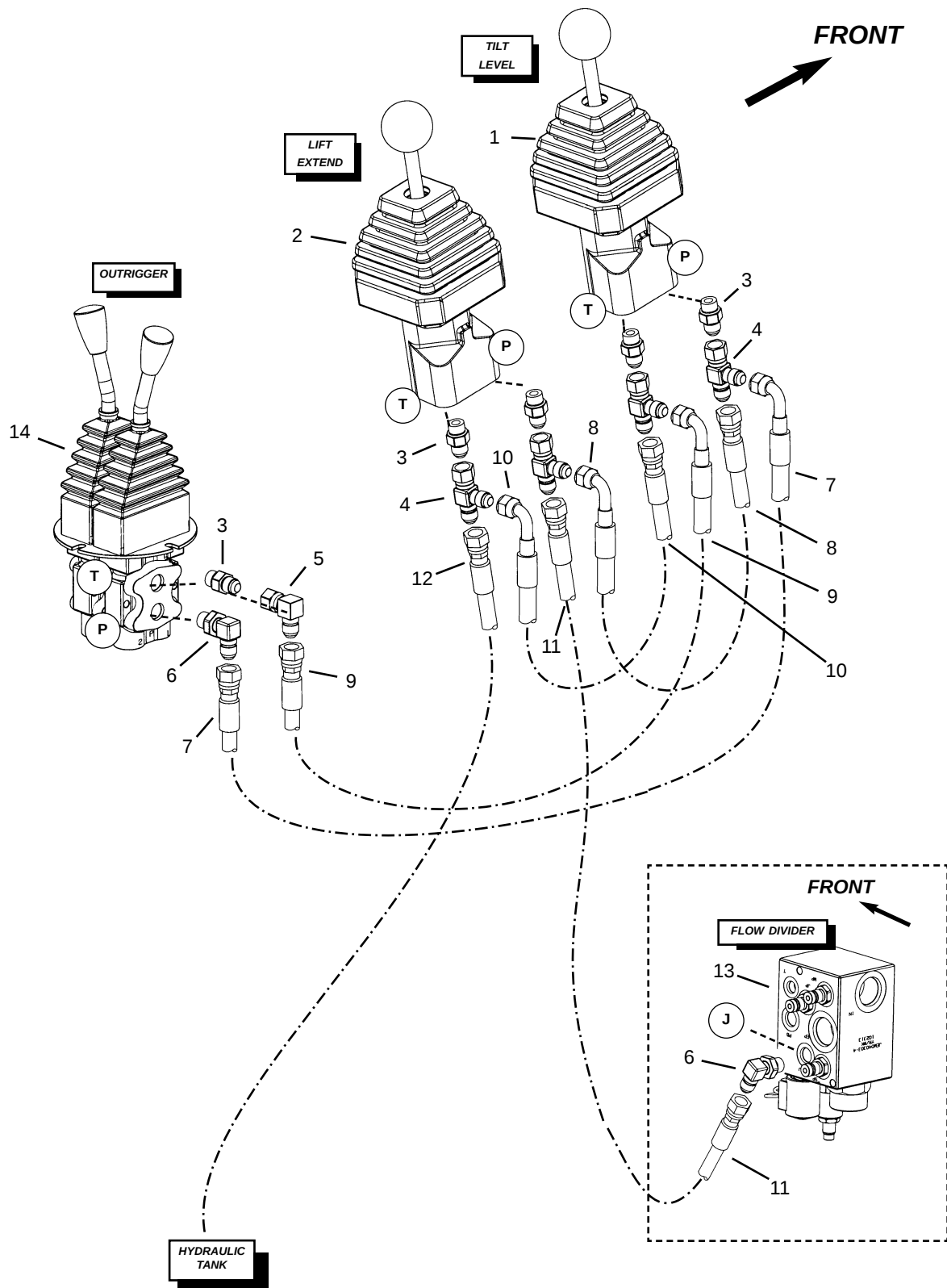
Hydraulics

Dual Controllers (w/Auxiliary Hydraulics)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	08	L69903	HOSE, -4 A6/DS6 17"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	09	L68804	HOSE, -4 A6/DS6 26"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	10	L69903	HOSE, -4 A6/DS6 17"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	11	102786	HOSE, -4 A6/A6 54"	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	12	102843	HOSE, -4 A6/DS6 35"	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
07	L68804	HOSE, -4 A6/DS6 26"	1	14	102435	CONTROLLER, AUX. HYD.	1

Hydraulics

Dual Controllers (w/Outriggers)

RS6-42/RS8-42/44



Telescopic Handler

Hydraulics

Dual Controllers (w/Outriggers)

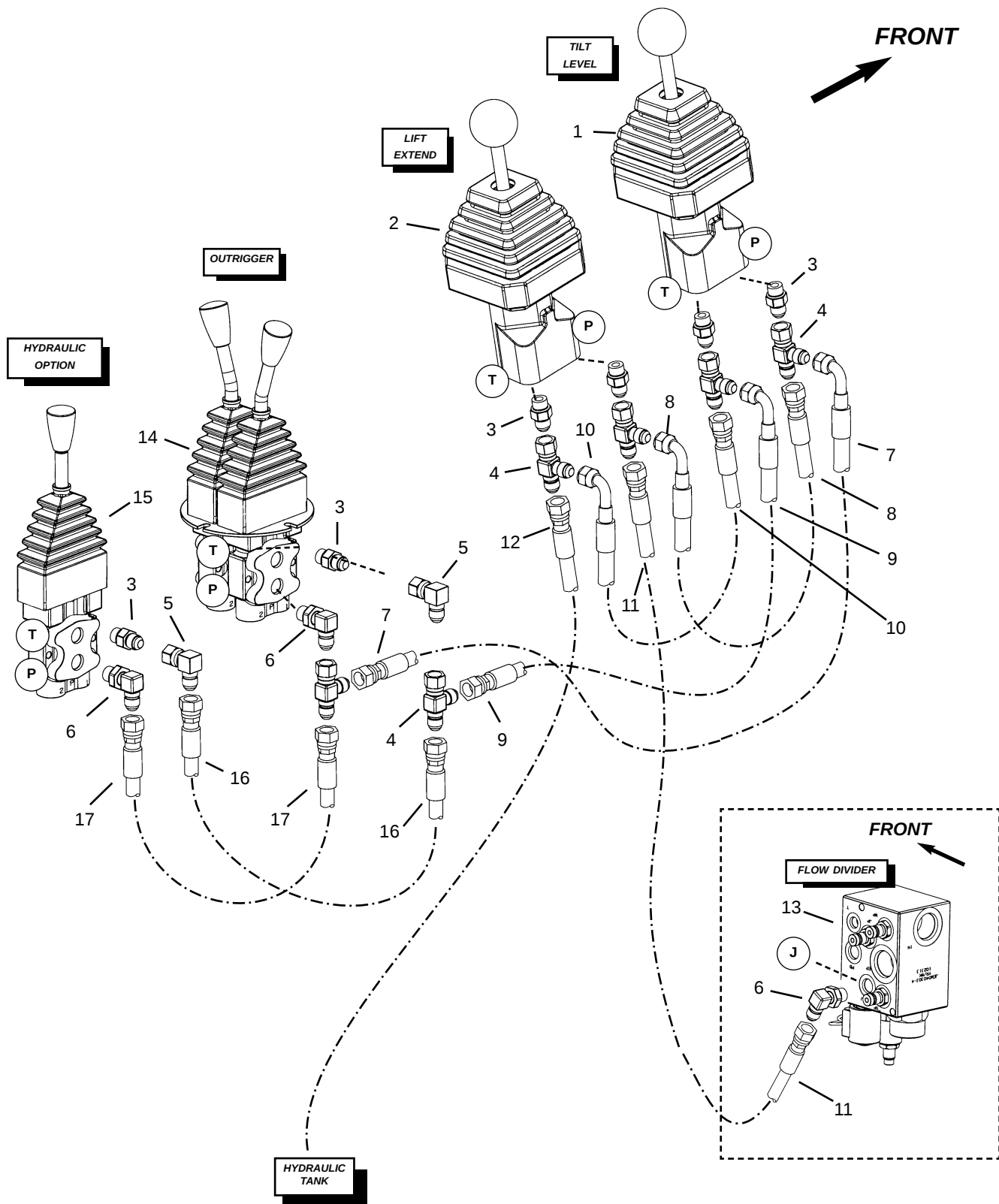
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	08	L69903	HOSE, -4 A6/DS6 17"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	09	L69904	HOSE, -4 A6/DS6 20"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	10	L69903	HOSE, -4 A6/DS6 17"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	11	102786	HOSE, -4 A6/A6 54"	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	12	102843	HOSE, -4 A6/DS6 35"	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	13	102313	MANIFOLD, JOYSTICK RELIEF . . .	1
07	L69904	HOSE, -4 A6/DS6 20"	1	14	102436	CONTROLLER, OUTRIGGERS . . .	1



Hydraulics

Dual Controllers (All Options except PWP)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Dual Controllers (All Options except PWP)

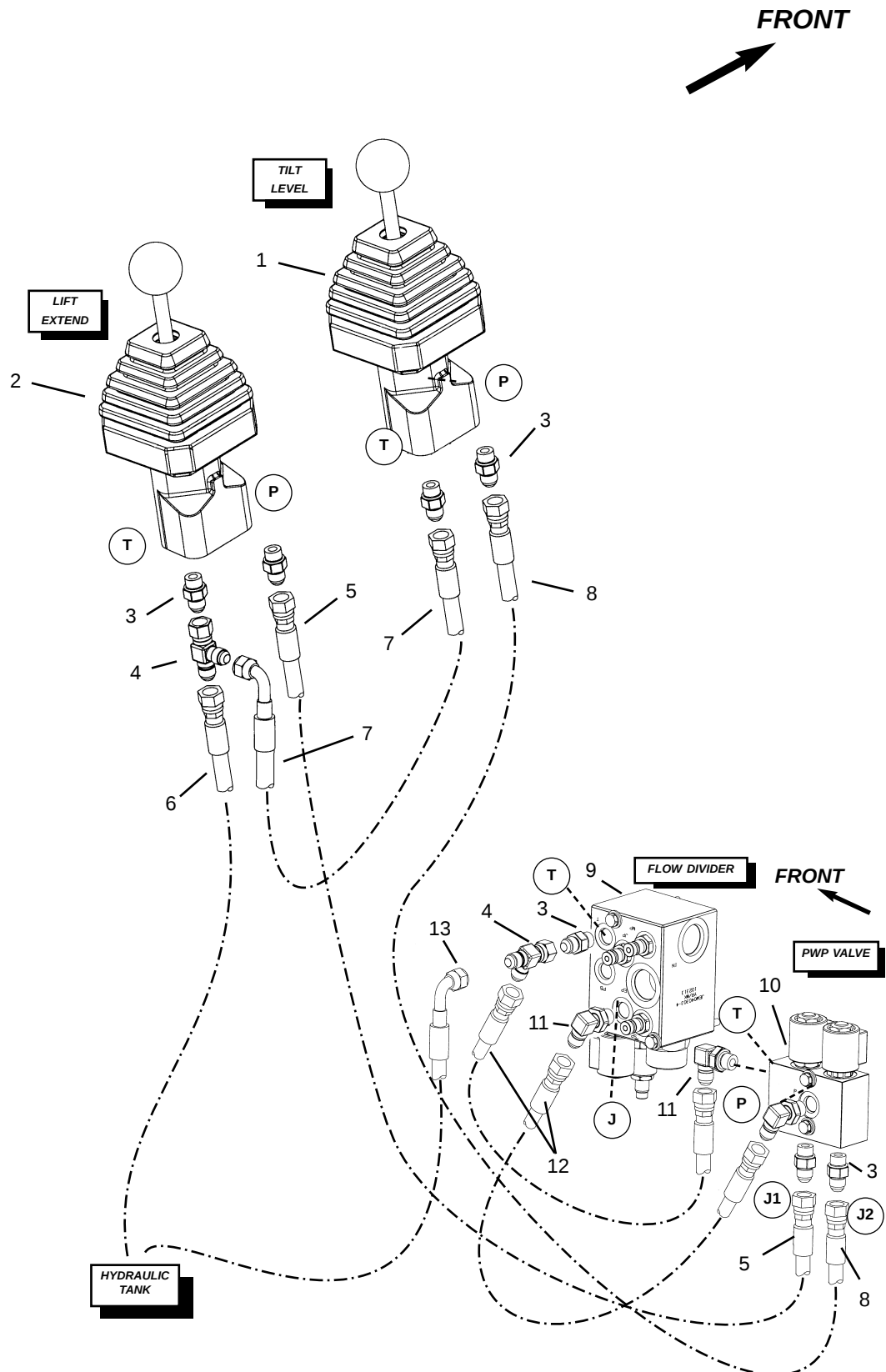
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL.	1	10	L69903	HOSE, -4 A6/DS6 17"	1
02	102434	CONTROLLER, LIFT/EXTEND.	1	11	102786	HOSE, -4 A6/A6 54"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	12	102843	HOSE, -4 A6/DS6 35"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	13	102313	MANIFOLD, JOYSTICK RELIEF.	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	14	102436	CONTROLLER, OUTRIGGERS	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	15	102435	CONTROLLER, AUX. HYD.	1
07	L69904	HOSE, -4 A6/DS6 20"	1	16	L69903	HOSE, -4 A6/DS6 17"	1
08	L69903	HOSE, -4 A6/DS6 17"	1	17	L69903	HOSE, -4 A6/DS6 17"	1
09	L69904	HOSE, -4 A6/DS6 20"	1				



Hydraulics

Dual Controllers (w/PWP Only)

RS6-42/RS8-42/44



**Telescopic Handler****Hydraulics*****Dual Controllers (w/PWP Only)***

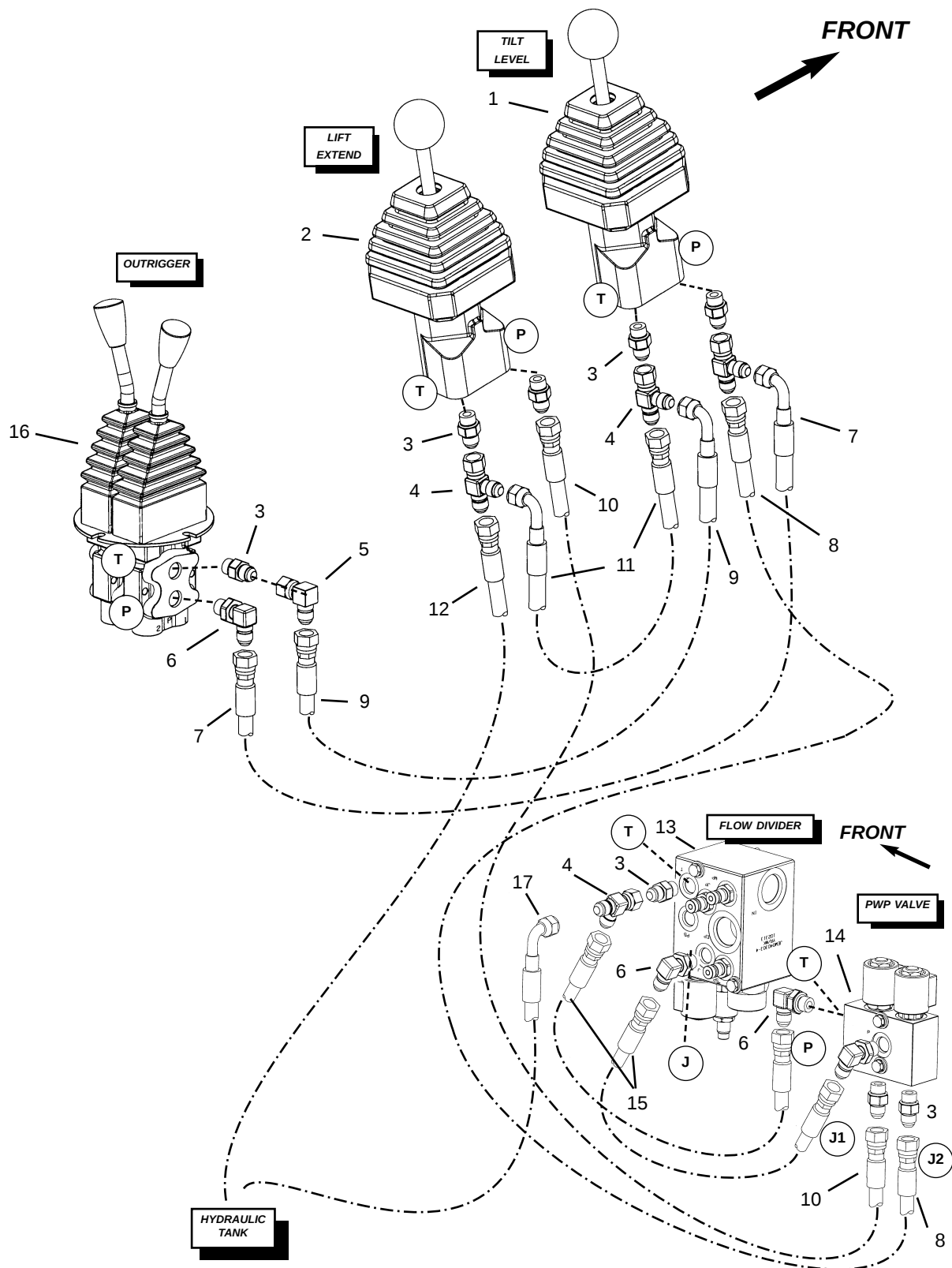
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	08	102786	HOSE, -4 A6/A6 54"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	09	102313	MANIFOLD, JOYSTICK RELIEF	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	10	102321	MANIFOLD, PWP JOYSTICK	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	11	L445003	ADAP, -6ORM -6JICM 90°	2
05	102786	HOSE, -4 A6/A6 54"	1	12	L63381	HOSE, -4 A6/A6 15"	2
06	102843	HOSE, -4 A6/DS6 35"	1	13	102946	HOSE, -6AS/DS6 18"	1
07	L69903	HOSE, -4 A6/DS6 17"	1				



Hydraulics

Dual Controllers (w/PWP and Outriggers)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Dual Controllers (w/PWP and Outriggers)

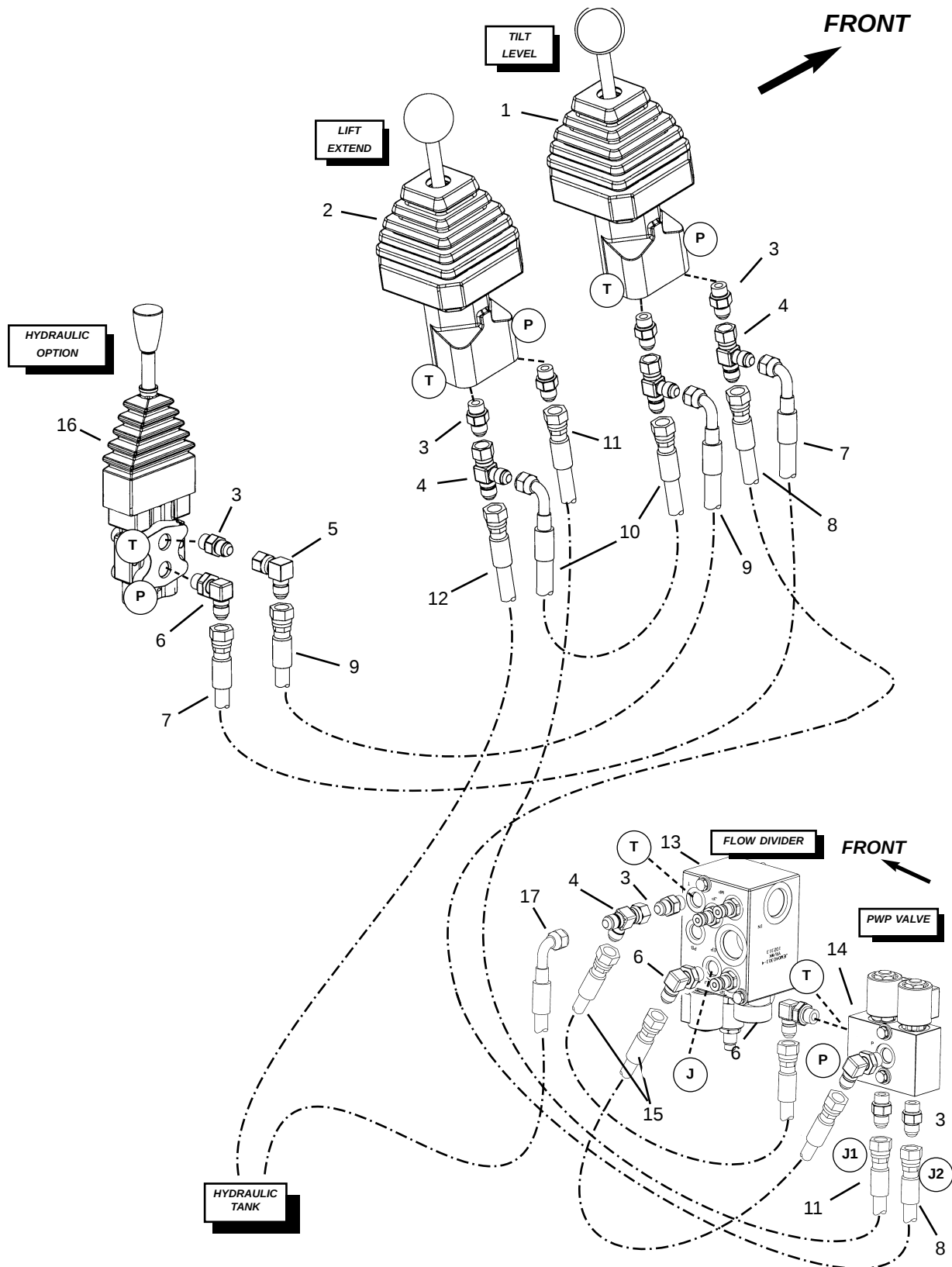
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	10	102786	HOSE, -4 A6/A6 54"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	11	L69903	HOSE, -4 A6/DS6 17"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	12	102843	HOSE, -4 A6/DS6 35"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	15	L63381	HOSE, -4 A6/A6 15"	2
07	L69904	HOSE, -4 A6/DS6 20"	1	16	102436	CONTROLLER, OUTRIGGERS	1
08	102786	HOSE, -4 A6/A6 54"	1	17	102946	HOSE, -6 A6/DS6 18"	1
09	L69904	HOSE, -4 A6/DS6 20"	1				



Hydraulics

RS6-42/RS8-42/44

Dual Controllers (w/PWP and Auxiliary Hydraulics)



**Telescopic Handler****Hydraulics*****Dual Controllers (w/PWP and Auxiliary Hydraulics)***

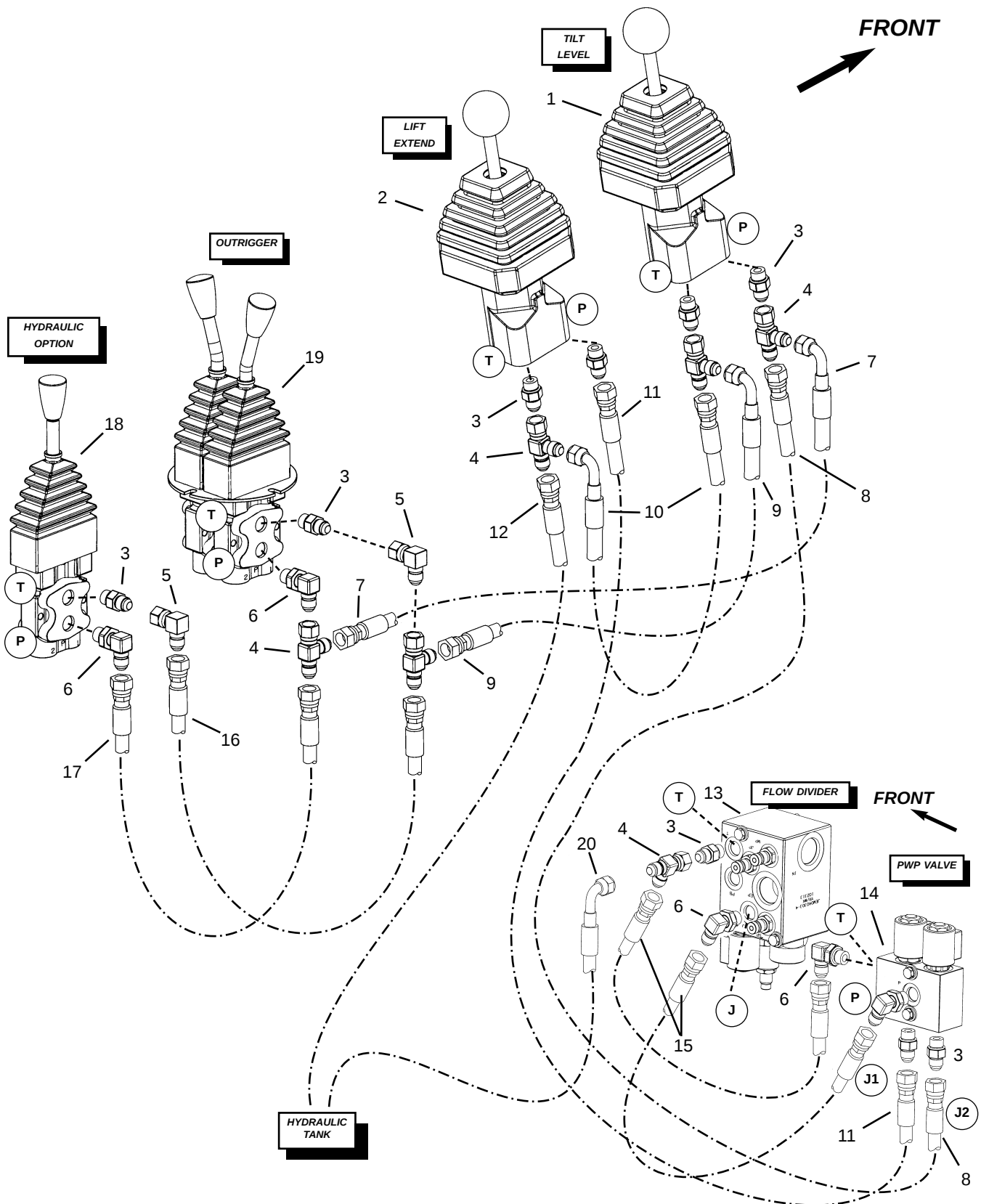
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	10	L69903	HOSE, -4 A6/DS6 17"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	11	102786	HOSE, -4 A6/A6 54"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	12	102843	HOSE, -4 A6/DS6 35"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	15	L63381	HOSE, -4 A6/A6 15"	1
07	L68804	HOSE, -4 A6/DS6 26"	1	16	102435	CONTROLLER, AUX. HYD.	1
08	102786	HOSE, -4 A6/A6 54"	1	17	102946	HOSE, -6 A6/DS6 18"	1
09	L68804	HOSE, -4 A6/DS6 26"	1				



Hydraulics

RS6-42/RS8-42/44

Dual Controllers (w/PWP, Outriggers and Auxiliary Hydraulics)



**Telescopic Handler****Hydraulics*****Dual Controllers (w/PWP, Outriggers and Auxiliary Hydraulics)***

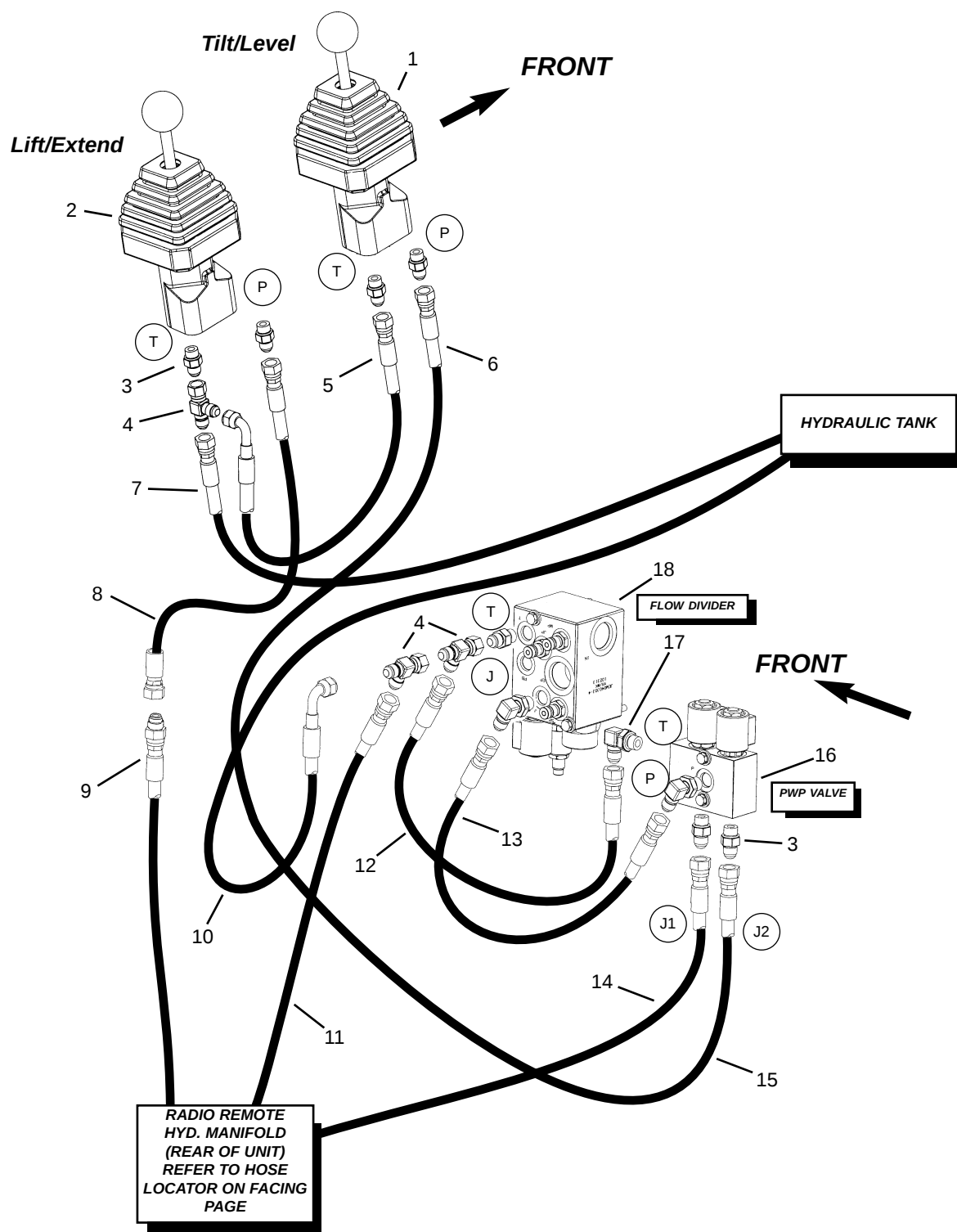
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	11	102786	HOSE, -4 A6/A6 54"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	12	102843	HOSE, -4 A6/DS6 35"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	15	L63381	HOSE, -4 A6/A6 15"	2
06	L445003	ADAP, -6ORM -6JICM 90°	AR	16	L69903	HOSE, -4 A6/DS6 17"	1
07	L68804	HOSE, -4 A6/DS6 26"	1	17	L69903	HOSE, -4 A6/DS6 17"	1
08	102786	HOSE, -4 A6/A6 54"	1	18	102435	CONTROLLER, AUX. HYD	1
09	L68804	HOSE, -4 A6/DS6 26"	1	19	102436	CONTROLLER, OUTRIGGERS	1
10	L69903	HOSE, -4 A6/DS6 17"	1	20	102946	HOSE, -6 A6/DS6 18"	1



Hydraulics

Dual Controllers (Radio Remote)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Dual Controllers (Radio Remote)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	10	102946	HOSE, -6 A6/DS6 18"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	11	L69905	HOSE, -6 A6/A6 130"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	12	L63381	HOSE, -4 A6/A6 15"	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	13	L63381	HOSE, -4 A6/A6 15"	1
05	L69903	HOSE, -4 A6/DS6 17"	1	14	L69906	HOSE, -6 A6/A6 110"	1
06	102786	HOSE, -4 A6/A6 54"	1	15	102786	HOSE, -4 A6/A6 54"	1
07	102843	HOSE, -4 A6/D6 35"	1	16	102321	MANIFOLD, PWP JOYSTICK	1
08	102786	HOSE, -4 A6/A6 54"	1	17	L445003	ADAP, -6ORM -6JICM 90°	2
09	103505	HOSE, -4 H6/A6 109"	1	18	102313	MANIFOLD, JOYSTICK RELIEF	1

HOSE LOCATOR

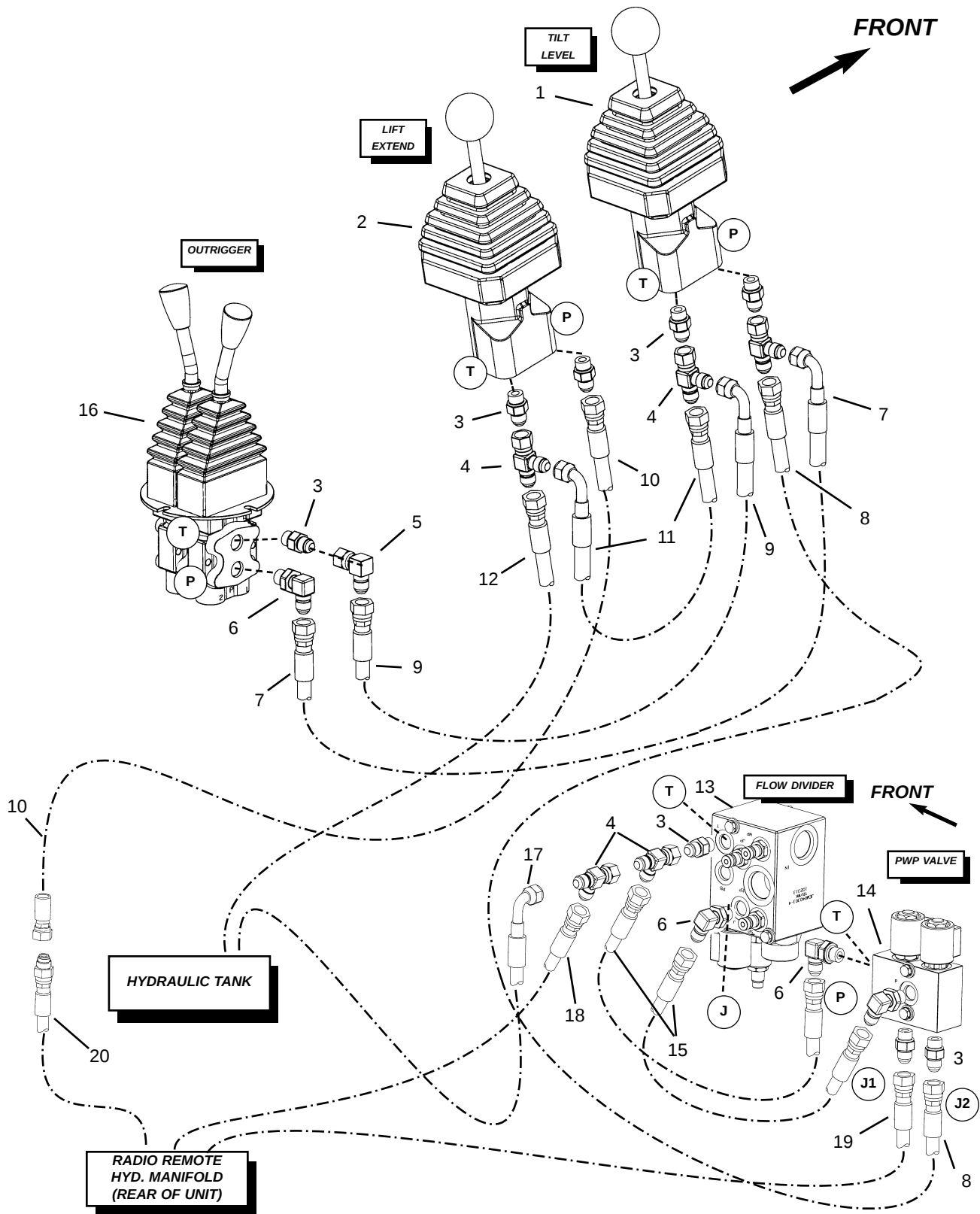
09	CONNECTS TO LIFT/EXTEND "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT
11	TEE ON FLOWDIVDER "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
14	PWP/WPS VALVE "JI" PORT	RADIO REMOTE MANIFOLD "P" PORT



Hydraulics

Dual Controllers (Radio Remote - w/Outriggers)

RS6-42/RS8-42/44



**Telescopic Handler****Hydraulics*****Dual Controllers (Radio Remote - w/Outriggers)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	11	L69903	HOSE, -4 A6/DS6 17"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	12	102843	HOSE, -4 A6/DS6 35"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	15	L63381	HOSE, -4 A6/A6 15"	2
06	L445003	ADAP, -6ORM -6JICM 90°	AR	16	102436	CONTROLLER, OUTRIGGERS	1
07	L69904	HOSE, -4 A6/DS6 20"	1	17	102946	HOSE, -6 A6/DS6 18"	1
08	102786	HOSE, -4 A6/A6 54"	1	18	L69905	HOSE, -6 A6/A6 130"	1
09	L69904	HOSE, -4 A6/DS6 20"	1	19	L69906	HOSE, -6 A6/A6 110"	1
10	102786	HOSE, -4 A6/A6 54"	1	20	103505	HOSE, -4 H6/A6 109"	1

HOSE LOCATOR

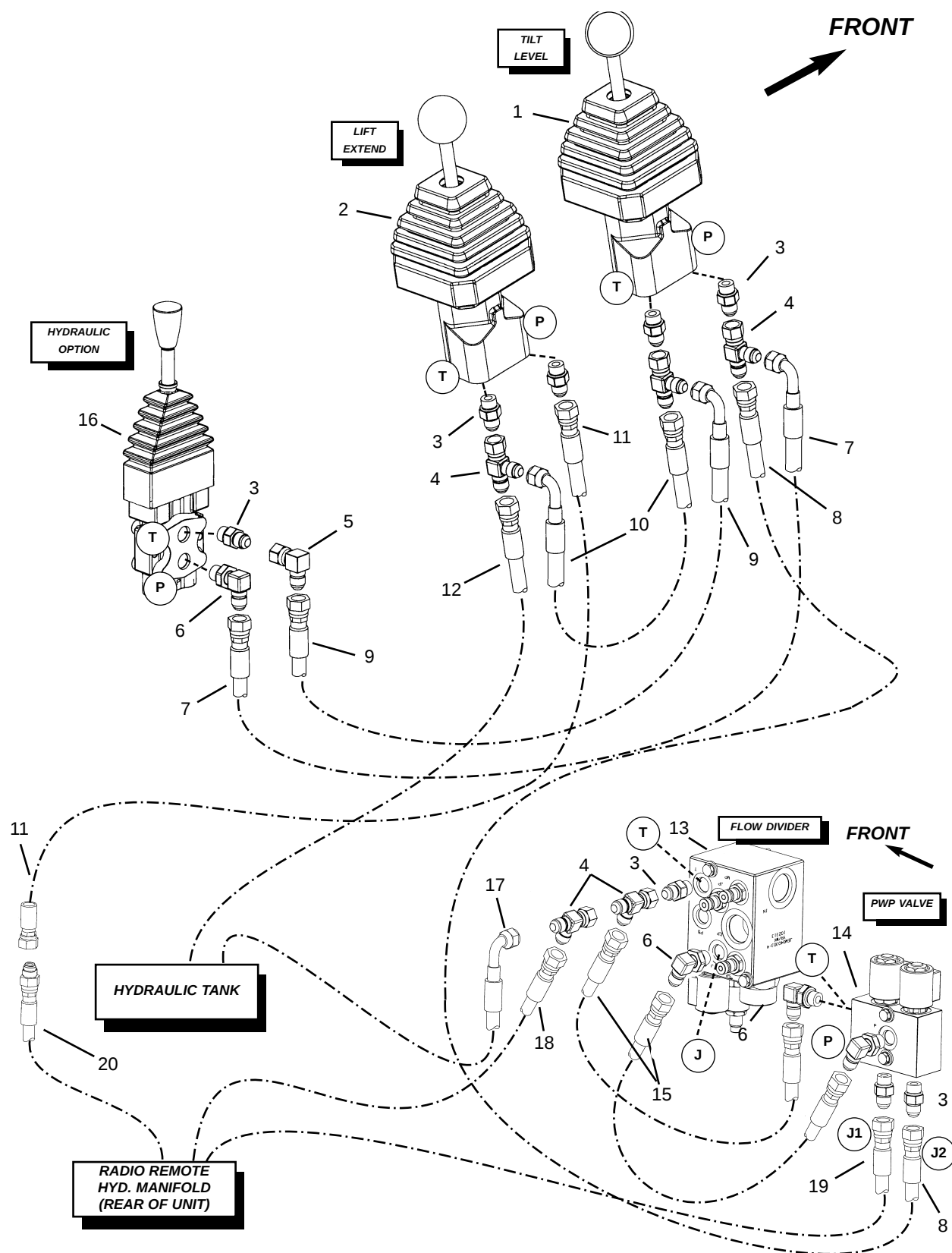
18	TEE ON FLOWDIVDER "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
19	PWP/WPS VALVE "J" PORT	RADIO REMOTE MANIFOLD "P" PORT
20	CONNECTS TO LIFT/EXTEND "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT



Hydraulics

RS6-42/RS8-42/44

Dual Controllers (Radio Remote - w/Auxiliary Hydraulics)



**Telescopic Handler****Hydraulics*****Dual Controllers (Radio Remote - w/Auxiliary Hydraulics)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	11	102786	HOSE, -4 A6/A6 54"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	12	102843	HOSE, -4 A6/DS6 35"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	13	102313	MANIFOLD, JOYSTICK RELIEF	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	15	L63381	HOSE, -4 A6/A6 15"	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	16	102435	CONTROLLER, AUX. HYD	1
07	L68804	HOSE, -4 A6/DS6 26"	1	17	102946	HOSE, -6 A6/DS6 18"	1
08	102786	HOSE, -4 A6/A6 54"	1	18	L69905	HOSE, -6 A6/A6 130"	1
09	L68804	HOSE, -4 A6/DS6 26"	1	19	L69906	HOSE, -6 A6/A6 110"	1
10	L69903	HOSE, -4 A6/DS6 17"	1	20	103505	HOSE, -4 H6/A6 109"	1

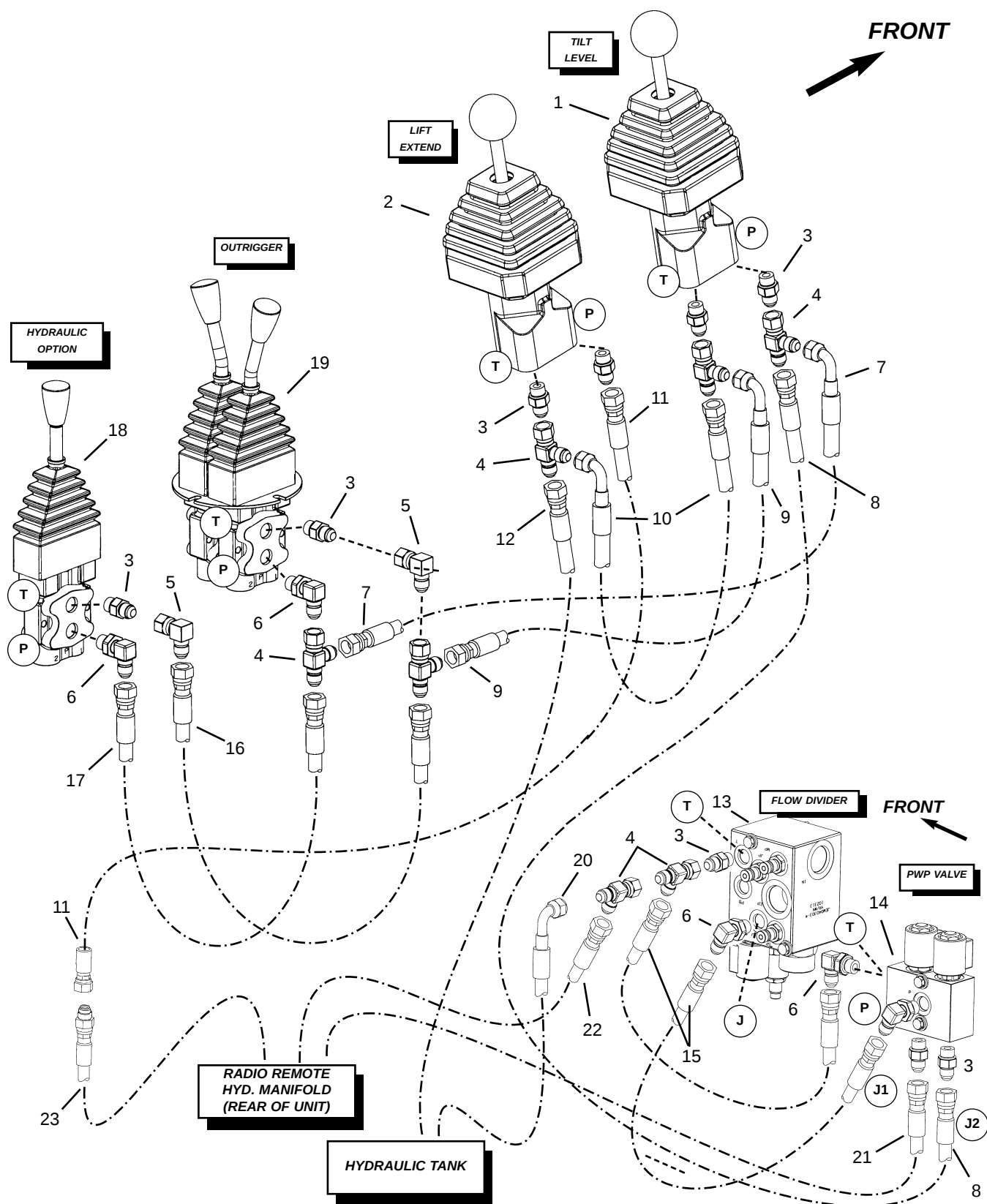
HOSE LOCATOR

18	TEE ON FLOWDIVDER "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
19	PWP/WPS VALVE "J" PORT	RADIO REMOTE MANIFOLD "P" PORT
20	CONNECTS TO LIFT/EXTEND "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT

Hydraulics

RS6-42/RS8-42/44

Dual Controllers (Radio Remote - w/Auxiliary Hydraulics and Outriggers)



**Telescopic Handler****Hydraulics*****Dual Controllers (Radio Remote - w/Auxiliary Hydraulics and Option)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102784	CONTROLLER, TILT/LEVEL	1	12	102843	HOSE, -4 A6/DS6 35"	1
02	102434	CONTROLLER, LIFT/EXTEND	1	13	102313	MANIFOLD, JOYSTICK RELIEF	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	14	102321	MANIFOLD, PWP JOYSTICK	1
04	L446049	ADAP, -6 SWIVEL RUN TEE	AR	15	L63381	HOSE, -4 A6/A6 15"	2
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	16	L69903	HOSE, -4 A6/DS6 17"	1
06	L445003	ADAP, -6ORM -6JICM 90°	AR	17	L69903	HOSE, -4 A6/DS6 17"	1
07	L68804	HOSE, -4 A6/DS6 26"	1	18	102435	CONTROLLER, AUX. HYD	1
08	102786	HOSE, -4 A6/A6 54"	1	19	102436	CONTROLLER, OUTRIGGERS	1
09	L68804	HOSE, -4 A6/DS6 26"	1	20	102946	HOSE, -6 A6/DS6 18"	1
10	L69903	HOSE, -4 A6/DS6 17"	1	21	L69906	HOSE, -6 A6/A6 110"	1
11	102786	HOSE, -4 A6/A6 54"	1	22	L69905	HOSE, -6 A6/A6 130"	1
				23	103505	HOSE, -4 H6/A6 109"	1

HOSE LOCATOR

21	PWP/WPS VALVE "J" PORT	RADIO REMOTE MANIFOLD "P" PORT
22	TEE ON FLOWDIVIDER "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
23	CONNECTS TO "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT

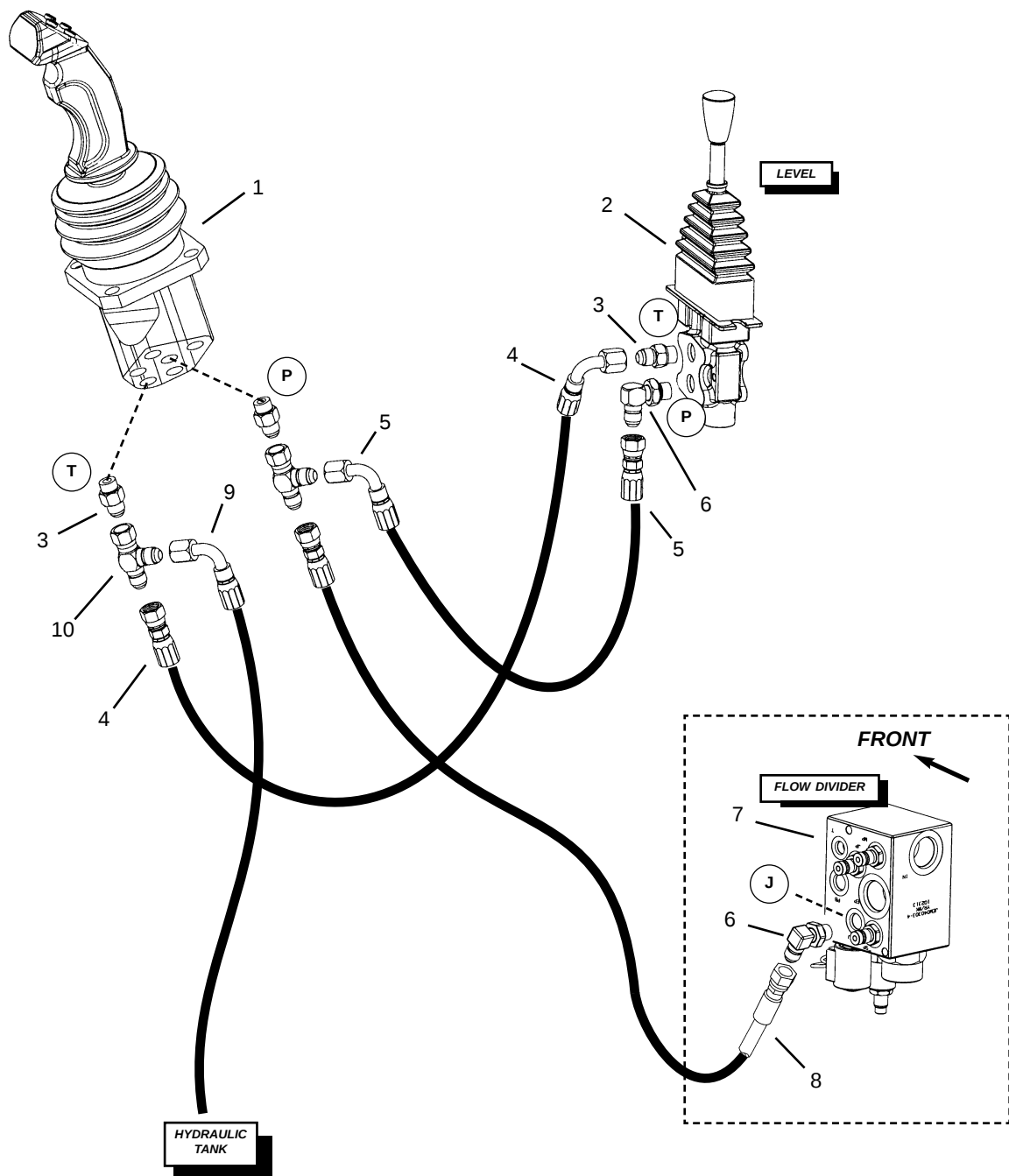


Hydraulics

Tri-Function Controller (No Options)

RS6-42/RS8-42/44

FRONT ←





Telescopic Handler

Hydraulics

Tri-Function Controller (No Options)

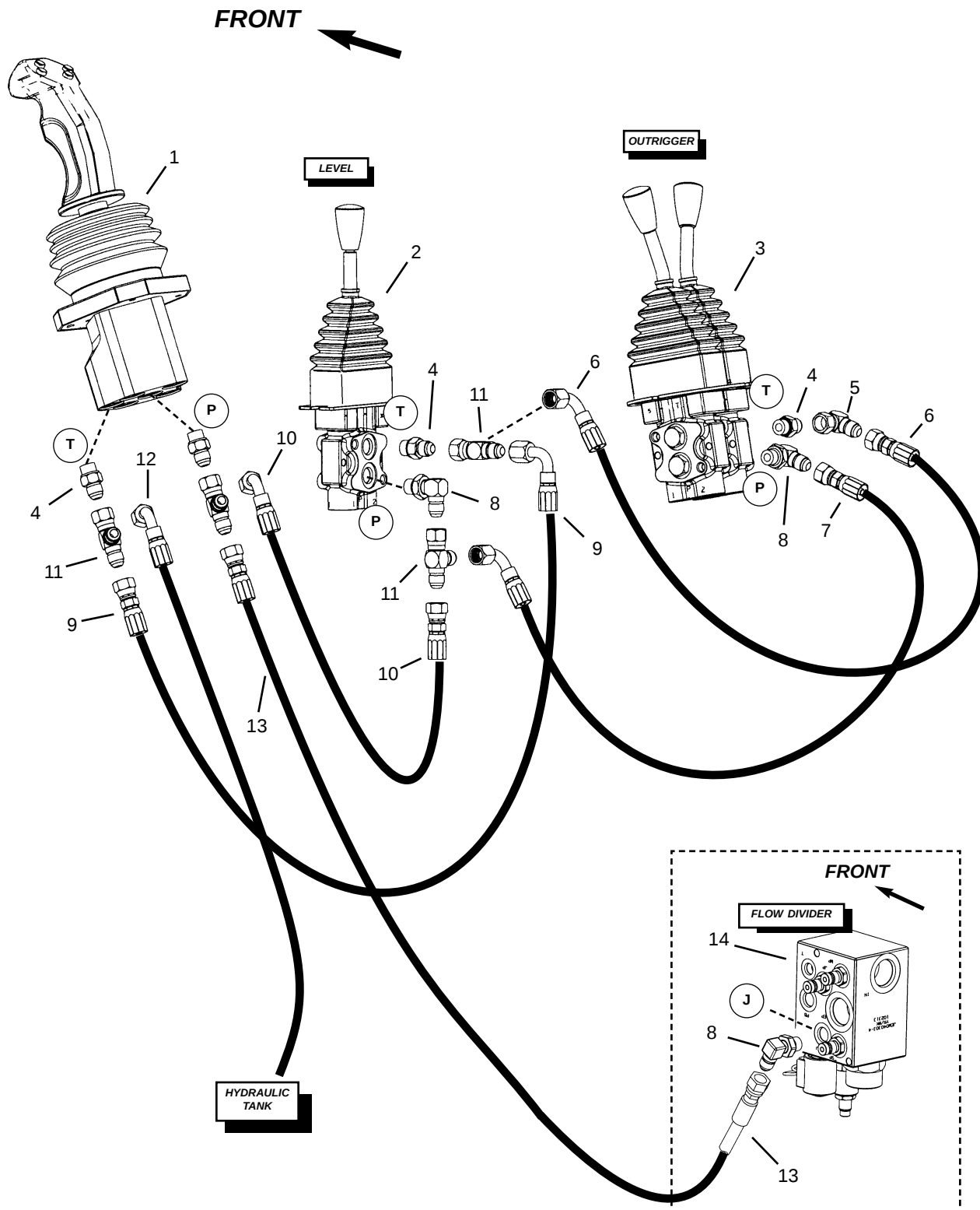
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . .	1	06	L445003	ADAP, -6ORM -6JICM 90°	2
02	102435	CONTROLLER	1	07	102313	MANIFOLD, JOYSTICK RELIEF. . .	1
03	L444002	ADAP, -6ORM -6JICM STR.	3	08	102786	HOSE, -4 A6/A6 54"	1
04	L69903	HOSE, -4 A6/DS6 17"	1	09	102843	HOSE, -4 A6/DS6 35"	1
05	L69903	HOSE, -4 A6/DS6 17"	1	10	L446049	ADAP., -6JIC SWIVEL.	2



Hydraulics

Tri-Function Controller (w/Outriggers)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Tri-Function Controller (w/Outriggers)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . .	1	08	L445003	ADAP, -6ORM -6JICM 90°	AR
02	102435	CONTROLLER	1	09	L69903	HOSE, -4 A6/DS6 17"	1
03	102436	CONTROLLER, OUTRIGGERS . .	1	10	L69903	HOSE, -4 A6/DS6 17"	1
04	L444002	ADAP, -6ORM -6JICM STR	AR	11	L446049	ADAP, -6JIC SWIVEL	AR
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	12	102843	HOSE, -4 A6/DS6 35"	1
06	L69904	HOSE, -4 A6/DS6 20"	1	13	102786	HOSE, -4 A6/A6 54"	1
07	L69904	HOSE, -4 A6/DS6 20"	1	14	102313	MANIFOLD, JOYSTICK RELIEF . .	1

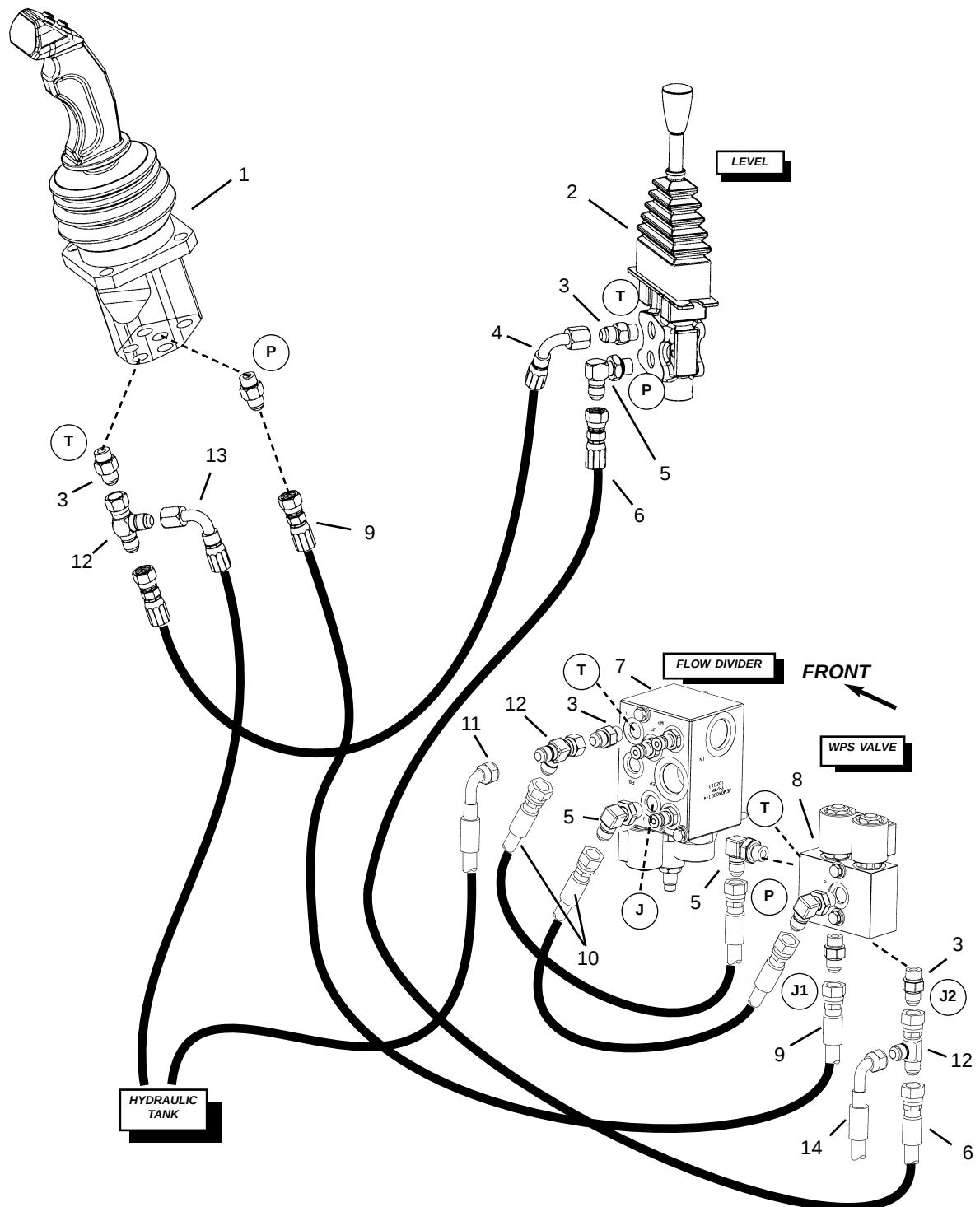


Hydraulics

Tri-Function Controller (w/PWP)

RS6-42/RS8-42/44

FRONT ←





Telescopic Handler

Hydraulics

Tri-Function Controller (w/PWP)

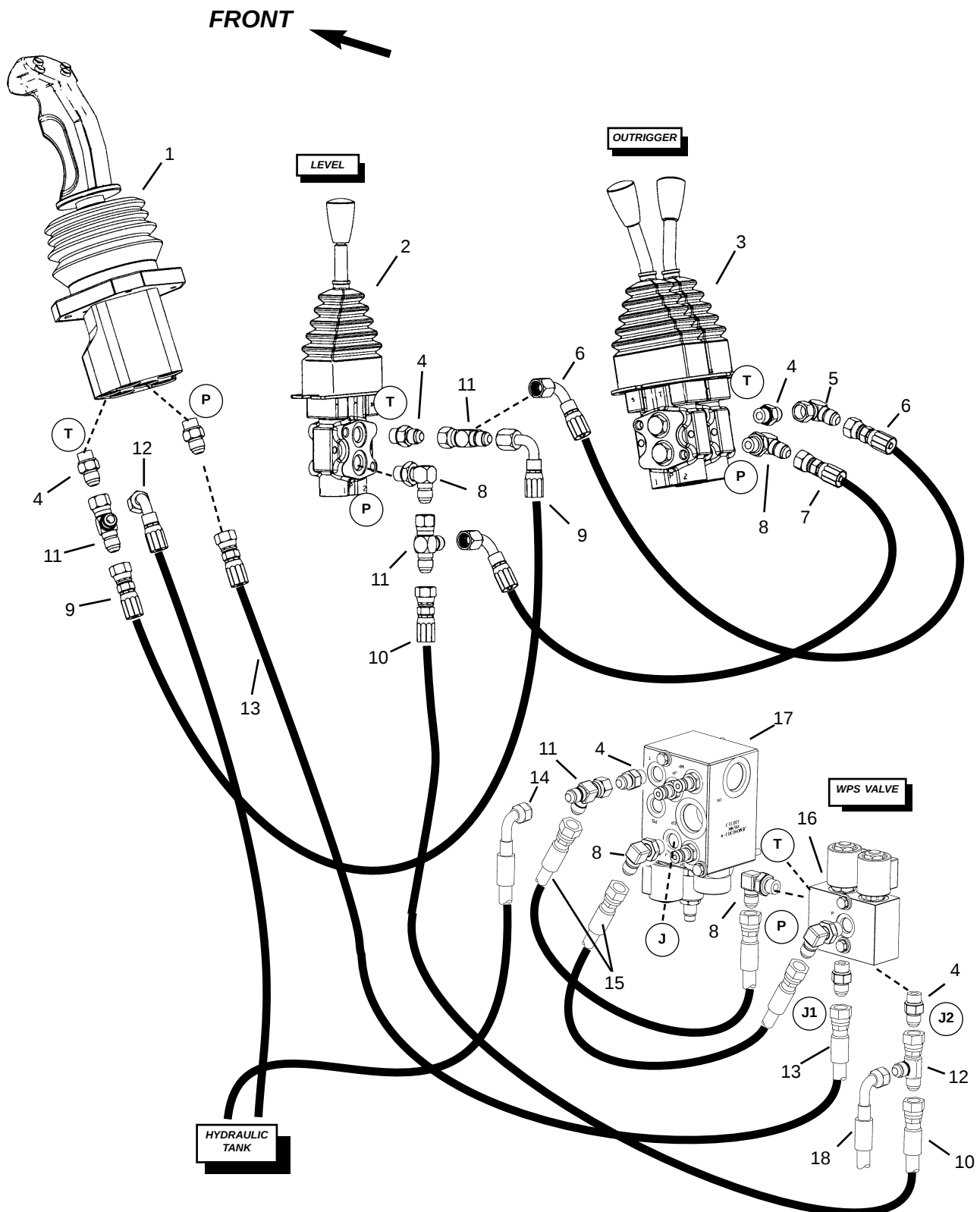
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROL, NEXT GENERATION .	1	08	102321	MANIFOLD, WPS	1
02	102435	CONTROLLER	1	09	102786	HOSE, -4 A6/A6 54"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	10	L63381	HOSE, -4 A6/A6 15"	2
04	L69903	HOSE, -4 A6/DS6 17"	1	11	102946	HOSE, -6 A6/DS6 18"	1
05	L445003	ADAP, -6ORM -6JICM 90°	AR	12	L446049	ADAP, -6JIC SWIVEL	AR
06	102786	HOSE, -4 A6/A6 54"	1	13	102843	HOSE, -4 A6/DS6 35"	1
07	102313	MANIFOLD, JOYSTICK RELIEF. . .	1	14	103318	HOSE, -4 A6/DS6 52"	1
						<i>(attaches to pilot apply manifold)</i>	



Hydraulics

Tri-Function Controller (w/PWP and Outriggers)

RS6-42/RS8-42/44



**Telescopic Handler****Hydraulics*****Tri-Function Controller (w/PWP and Outriggers)***

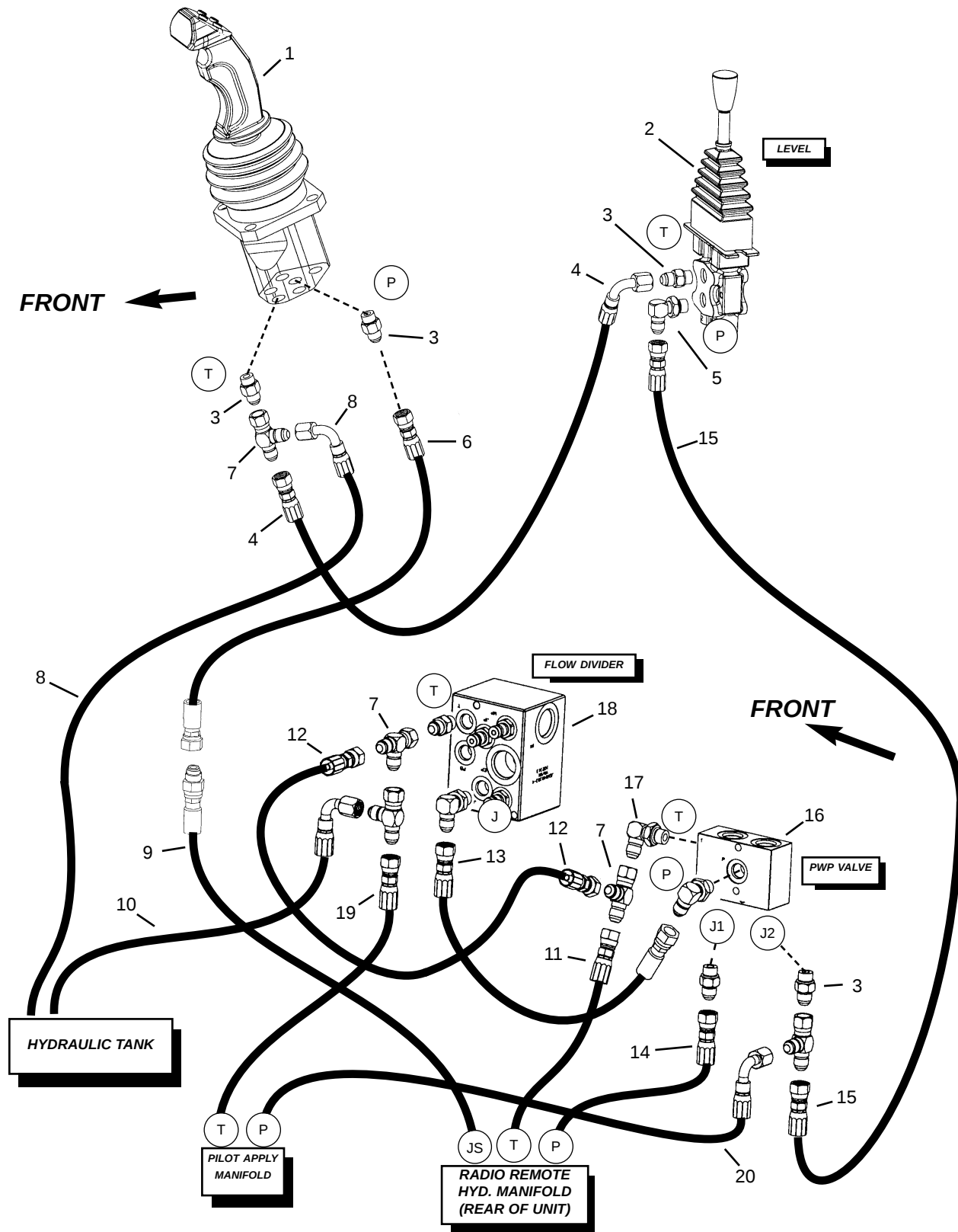
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROL, NEXT GENERATION .	1	10	102786	HOSE, -4 A6/A6 54"	1
02	102435	CONTROLLER	1	11	L446049	ADAP, -6JIC SWIVEL	AR
03	102436	CONTROLLER, OUTRIGGERS . . .	1	12	102843	HOSE, -4 A6/DS6 35"	1
04	L444002	ADAP, -6ORM -6JICM STR	AR	13	102786	HOSE, -4 A6/A6 54"	1
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	14	102946	HOSE, -6 A6/DS6 18"	1
06	L69904	HOSE, -4 A6/DS6 20"	1	15	L63381	HOSE, -4 A6/A6 15"	2
07	L69904	HOSE, -4 A6/DS6 20"	1	16	102321	MANIFOLD, WPS	1
08	L445003	ADAP, -6ORM -6JICM 90°	AR	17	102313	MANIFOLD, JOYSTICK RELIEF. . .	1
09	L69903	HOSE, -4 A6/DS6 17"	1	18	103318	HOSE, -4 A6/DS6 52"	1
						<i>(attaches to pilot apply manifold)</i>	



Hydraulics

Tri-Function Controller (Radio Remote)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulics

Tri-Function Controller (Radio Remote)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . . .	1	11	L69905	HOSE, -6 A6/A6 130"	1
02	102435	CONTROLLER	1	12	L63381	HOSE, -4 A6/A6 15"	1
03	L444002	ADAP, -6ORM -6JICM STR	AR	13	L63381	HOSE, -4 A6/A6 15"	1
04	L69903	HOSE, -4 A6/DS6 17"	1	14	L69906	HOSE, -6 A6/A6 110"	1
05	L445003	ADAP, -6ORM -6JICM 90°	AR	15	102786	HOSE, -4 A6/A6 54"	1
06	102786	HOSE, -4 A6/A6 54"	1	16	102321	MANIFOLD, PWP JOYSTICK	1
07	L446049	ADAP, -6 SWIVEL RUN TEE	AR	17	L445003	ADAP, -6ORM -6JICM 90°	2
08	102843	HOSE, -4 A6/D6 35"	1	18	102313	MANIFOLD, JOYSTICK RELIEF . .	1
09	103505	HOSE, -4 H6/A6 109"	1	19	102786	HOSE, -4 A6/A6 54"	1
10	102946	HOSE, -6 A6/DS6 18"	1	20	103318	HOSE, -4 A6/DS6 52"	1

HOSE LOCATOR

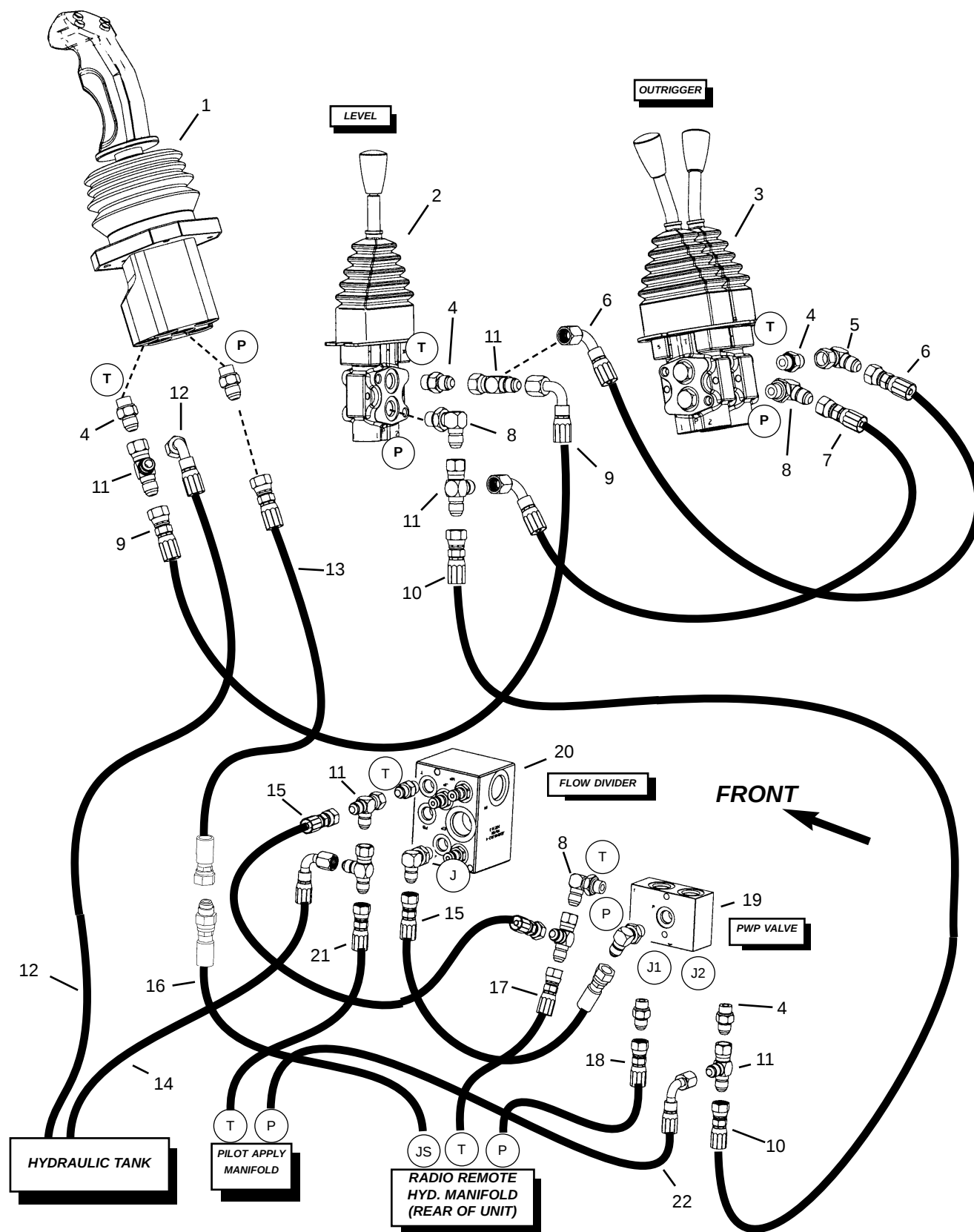
09	CONNECTS TO "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT
11	TEE ON PWP/WPS "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
14	PWP/WPS VALVE "J1" PORT	RADIO REMOTE MANIFOLD "P" PORT
19	TEE ON FLOWDIVIDER "T" PORT	PILOT APPLY MANIFOLD "T" PORT
20	TEE ON PWP/WPS "J2" PORT	PILOT APPLY MANIFOLD "P" PORT



Hydraulics

RS6-42/RS8-42/44

Tri-Function Controller (Radio Remote - w/Outriggers)



**Telescopic Handler****Hydraulics*****Tri-Function Controller (Radio Remote - w/Outriggers)***

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104083	CONTROLLER, TRI-FUNCTION . . .	1	12	102843	HOSE, -4 A6/DS6 35"	1
02	102435	CONTROLLER	1	13	102786	HOSE, -4 A6/A6 54"	1
03	102436	CONTROLLER, OUTRIGGERS . . .	1	14	102946	HOSE, -6 A6/DS6 18"	1
04	L444002	ADAP, -6ORM -6JICM STR	AR	15	L63381	HOSE, -4 A6/A6 15"	2
05	L60653	ADAP, -6JICM -6JICFS 90°	AR	16	103505	HOSE, -4 H6/A6 109"	1
06	L69904	HOSE, -4 A6/DS6 20"	1	17	L69905	HOSE, -6 A6/A6 130"	1
07	L69904	HOSE, -4 A6/DS6 20"	1	18	L69906	HOSE, -6 A6/A6 110"	1
08	L445003	ADAP, -6ORM -6JICM 90°	AR	19	102321	MANIFOLD, PWP/WPS.	1
09	L69903	HOSE, -4 A6/DS6 17"	1	20	102313	MANIFOLD, JOYSTICK RELIEF. . .	1
10	102786	HOSE, -4 A6/A6 54"	1	21	102786	HOSE, -4 A6/A6 54"	1
11	L446049	ADAP, -6JIC SWIVEL	AR	22	103318	HOSE, -4 A6/DS6 52"	1

HOSE LOCATOR

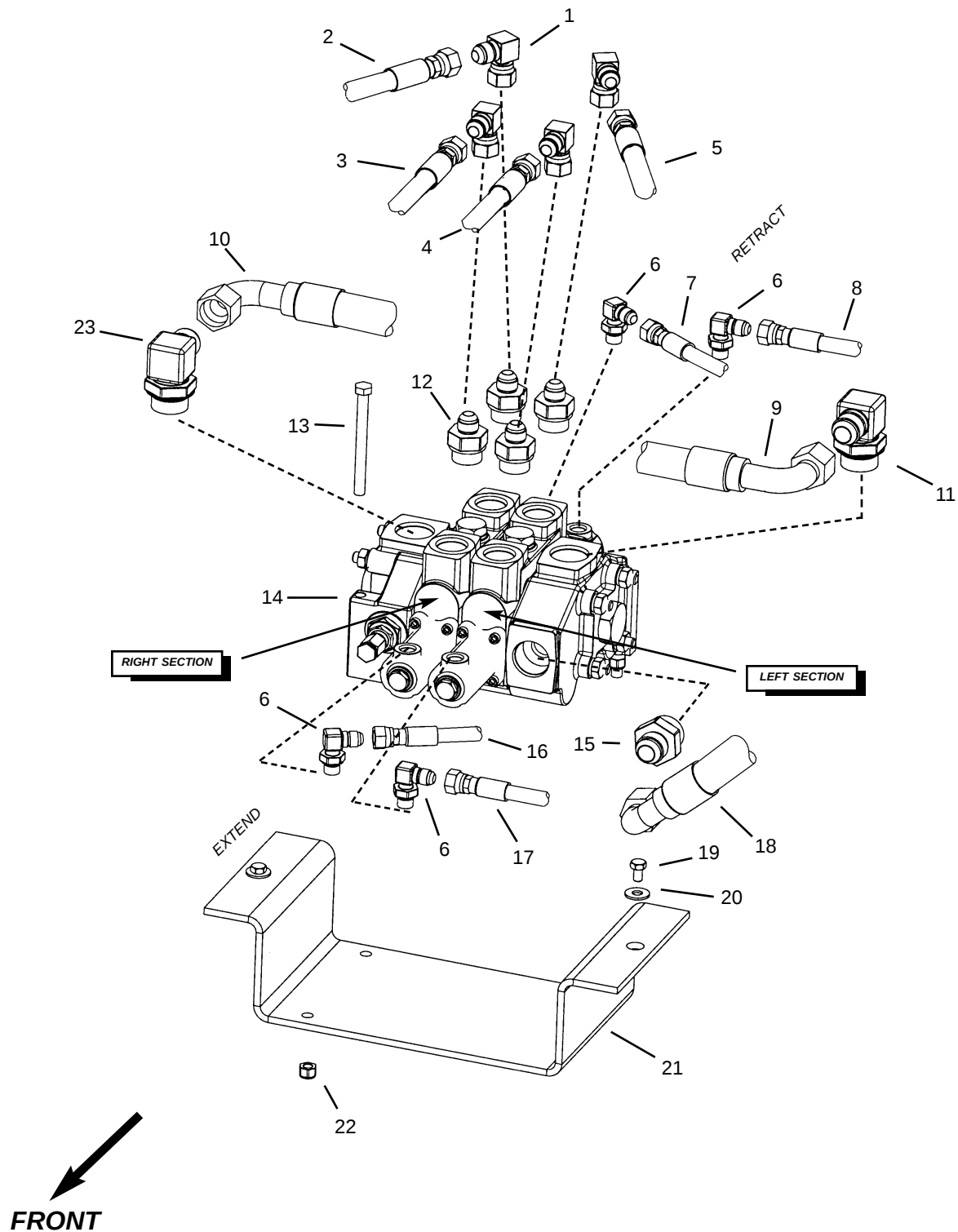
16	CONNECTS TO "P" HOSE	RADIO REMOTE MANIFOLD "JS" PORT
17	TEE ON PWP/WPS "T" PORT	RADIO REMOTE MANIFOLD "T" PORT
18	PWP/WPS VALVE "J1" PORT	RADIO REMOTE MANIFOLD "P" PORT
21	TEE ON FLOWDIVIDER "T" PORT	PILOT APPLY MANIFOLD "T" PORT
22	TEE ON PWP/WPS "J2" PORT	PILOT APPLY MANIFOLD "P" PORT



Hydraulics

Outrigger Main Valve and Controller

RS6-42/RS8-42/44





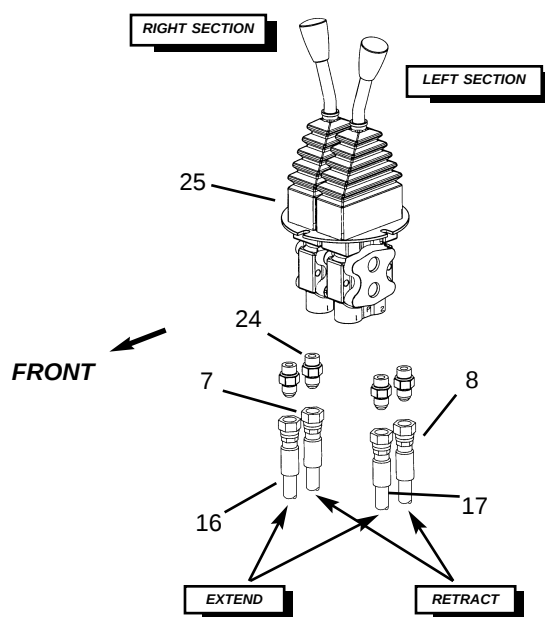
Telescopic Handler

Hydraulics

Outrigger Main Valve and Controller

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L446017	ADAP, -8ORM -8JICFS 90 DEG . . .	4	14	102419	VALVE, OUTRIGGER	1
02	L68807	HOSE, -6 A8/DS8 54"	1	15	L64853	ADAP, -16ORM -12JICM STR. . . .	1
03	L68807	HOSE, -6 A8/DS8 54"	1	16	L68810	HOSE, -4 A6/A6 96"	1
04	L68807	HOSE, -6 A8/DS8 54"	1	17	L68810	HOSE, -4 A6/A6 96"	1
05	L68807	HOSE, -6 A8/DS8 54"	1	18	102813	HOSE, -12 A12/DS12 30"	1
06 ^a	103194	ADAP, 1/4BSP -6JICM	4	19	L50228	5/16"-18X1/2" BOLT	2
	L60653	ADAP, -6ORM -6JICFS SWVL 90 . .	4	20	L50141	5/16" FLAT WASHER	2
07	L69927	HOSE, -4 A6/A6 81"	1	21	102521	MOUNT, OUTRIGGER VALVE	1
08	L69927	HOSE, -4 A6/A6 81"	1	22	L520005	3/8"-16 LOCK NUT	3
09	102815	HOSE, -12 H12/DS12 58"	1	23	L445001	ADAP, -12ORM -12JICM 90	1
10	102814	HOSE, -12 A12/DS12 74"	1	24	L444002	ADAP, -6ORM -6JICM STR.	4
11	L61092	ADAP, -16ORM -12JICM 90 DEG . .	2	25	102436	CONTROLLER, OUTRIGGERS	1
12	L444003	ADAP, -12ORM -8JICM STR.	4				
13	L50801	3/8"-16X4" BOLT	3				

^a Note: The illustration on the facing page does not show the parts individually.



HOSE LOCATOR

02	OUTRIGGER VALVE "RIGHTSECTION" (retract)	OUTRIGGER CYLINDER "RIGHT SIDE" (retract)
03	OUTRIGGER VALVE "RIGHTSECTION" (extend)	OUTRIGGER CYLINDER "RIGHT SIDE" (extend)
04	OUTRIGGER VALVE "LEFT SECTION" (extend)	OUTRIGGER CYLINDER "LEFT SIDE" (extend)
05	OUTRIGGER VALVE "LEFT SECTION" (retract)	OUTRIGGER CYLINDER "LEFT SIDE" (retract)
07	OUTRIGGER VALVE "RIGHTSECTION" (retract)	OUTRIGGER CONTROLLER "RIGHT SIDE" (retract)
08	OUTRIGGER VALVE "LEFT SECTION" (retract)	OUTRIGGER CYLINDER "LEFT SIDE" (retract)
09	OUTRIGGER MAIN VALVE "OUT"	SPLICE TO HOSE FROM MAIN VALVE "IN"
10	OUTRIGGER MAIN VALVE "IN"	FLOWDIVIDER VALVE "EP"
16	OUTRIGGER VALVE "RIGHTSECTION" (extend)	OUTRIGGER CONTROLLER "RIGHT SIDE"(extend)
17	OUTRIGGER VALVE "LEFT SECTION" (extend)	OUTRIGGER CONTROLLER "LEFT SIDE" (extend)
18	OUTRIGGER MAIN VALVE "TANK"	HYDRAULIC TANK "RETURN" (front side of tank)

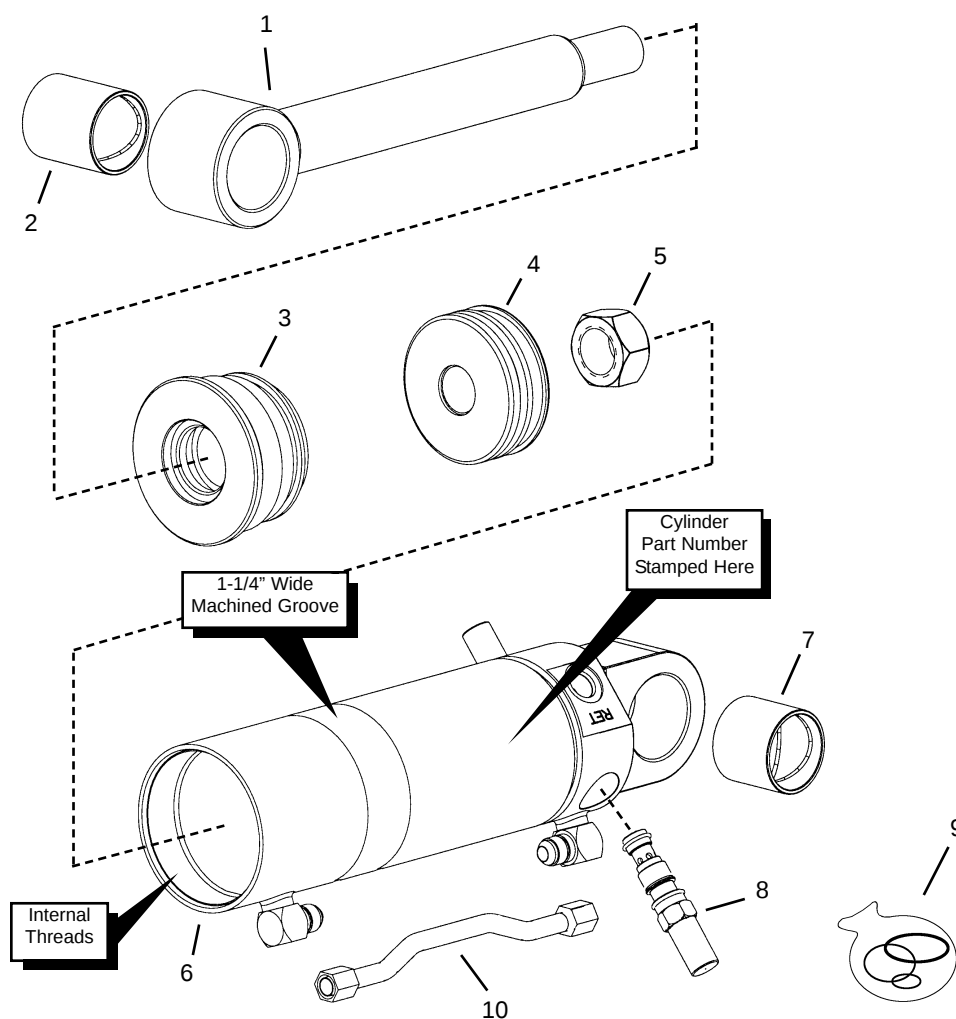


Hydraulic Cylinders

Frame Level

RS6-42/RS8-42/44

(Cylinder is stamped with P/N 104379)



Ref. No.	Part No.	Description	Qty. Req.
00	104379	FRAME LEVEL CYL. (Complete) . . .	1
01	104245	ROD (includes item #2)	1
02	L64367	BUSHING	1
03	105003	GLAND	1
04	104260	PISTON	1
05	104273	LOCKNUT	1
06	NSS	TUBE WELDMENT	1
07	L63016	BUSHING	1

Ref. No.	Part No.	Description	Qty. Req.
08	102878	COUNTER BALANCE VALVE.	2
	104820	SEAL KIT (CBV)	1
09a	105030	CYLINDER SEAL KIT	1
10	104251	MANIFOLD TUBE ASSEMBLY	1

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

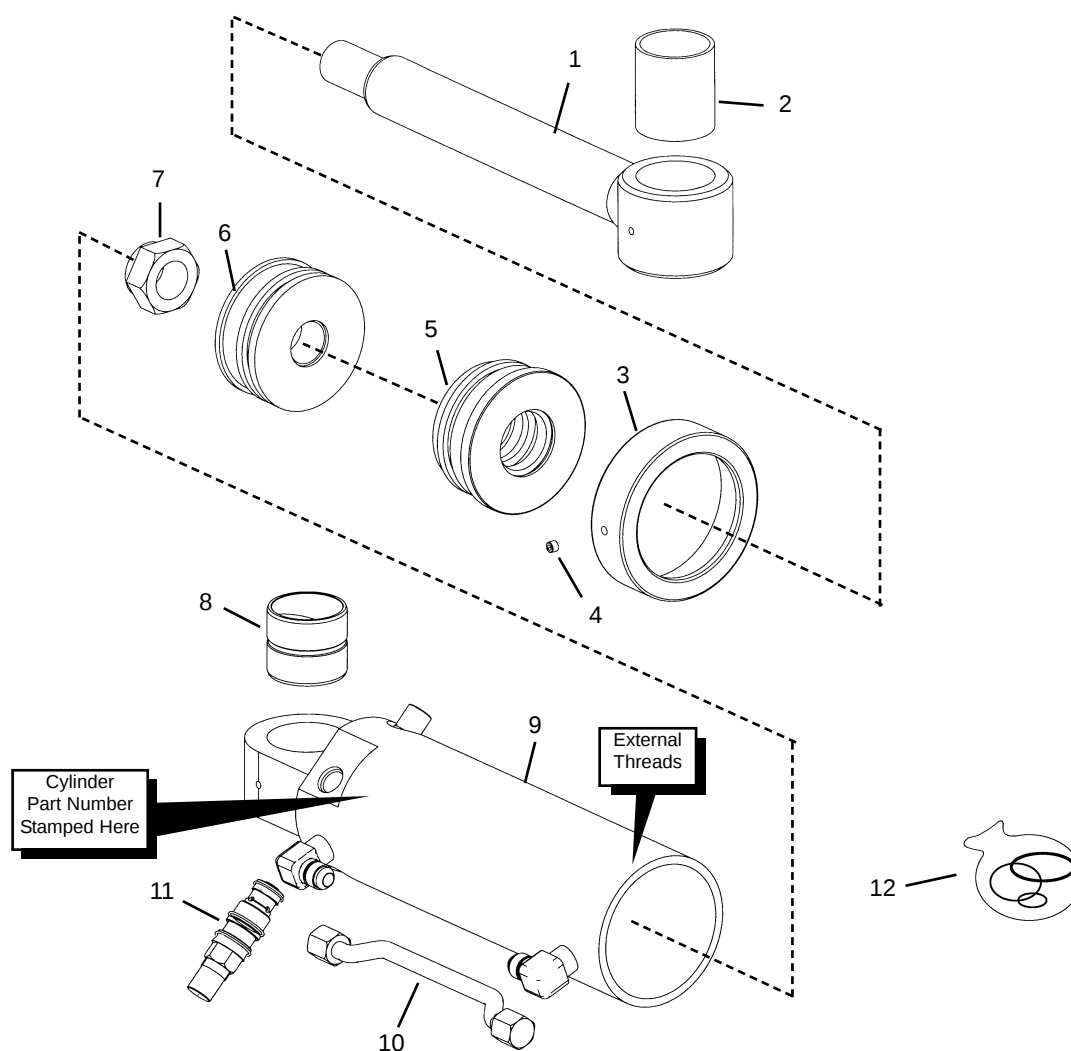
a Items included with seal kit are not shown.



Telescopic Handler

Hydraulic Cylinders
Frame Level

(Cylinder is stamped with P/N 102876)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102876	FRAME LEVEL CYL. (Complete) . . .	1	09	NSS	TUBE WELDMENT	1
01	L98503	ROD (includes item #2)	1	10	L98509	OIL LINE TUBE ASSEMBLY	1
02	L63016	BUSHING	1	11	102878	COUNTER BALANCE VALVE	2
03	L98547	HEAD GLAND CAP	1		104820	SEAL KIT (CBV)	1
04	L99857	5/16"-18x1/4" SET SCREW	1	12 ^a	L98506	CYLINDER SEAL KIT	1
05	L98507	HEAD GLAND	1				
06	L98550	PISTON	1				
07	L99405	1-1/4"-12 UNF LOCKNUT	1				
08	L64367	BUSHING 2.0X2.25X2.0"	1				

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

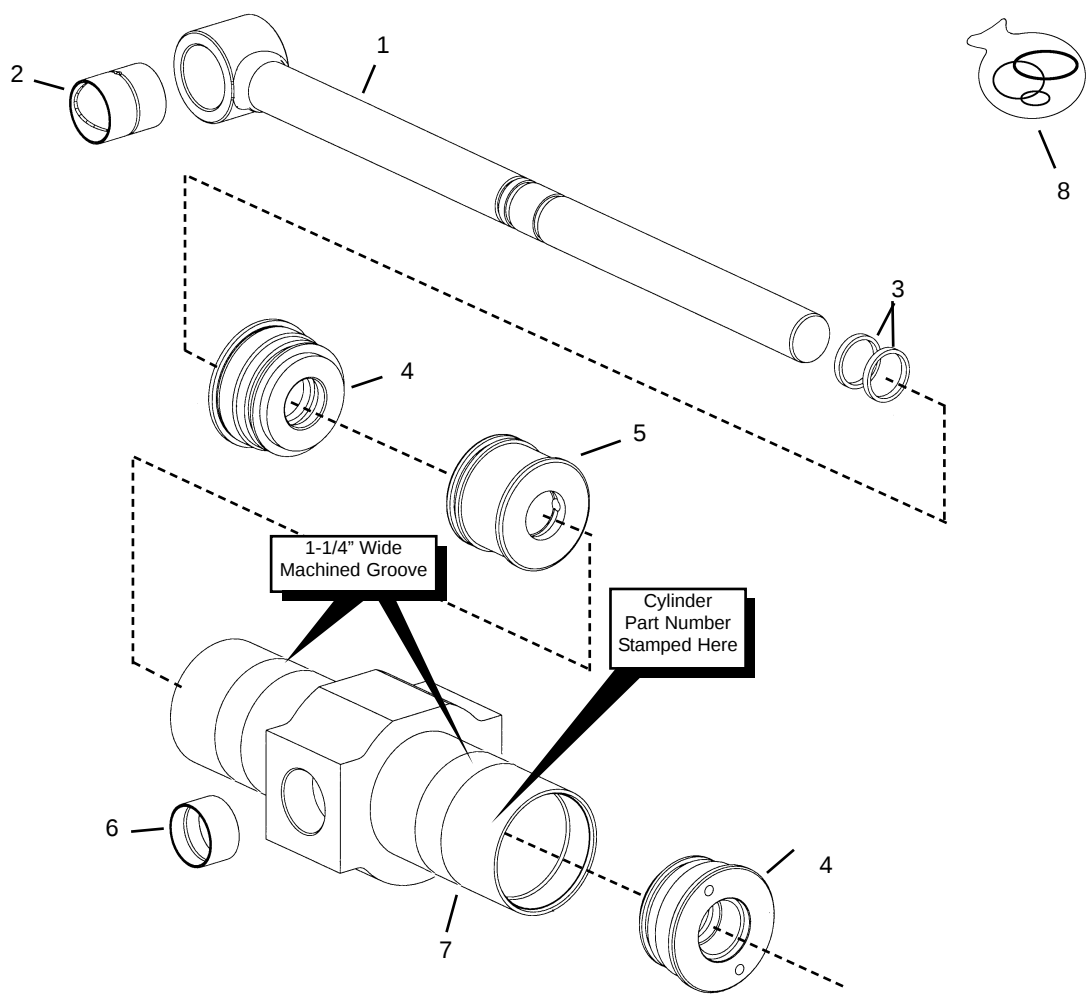
a Items included with seal kit are not shown.



Hydraulic Cylinders
Frame Stabilizer

RS6-42/RS8-42/44

(Cylinder is stamped with P/N 104380)



Ref. No.	Part No.	Description	Qty. Req.
00	104380	STABILIZING CYL. (Complete)	1
01	104987	ROD WELDMENT	1
		(includes item #2)	
02	104813	BUSHING	1
03	105025	SQUARE WIRE (retains piston) . . .	2
04	105006	GLAND	2
05	104999	PISTON	1
06	L69774	BUSHING	2
07	NSS	TUBE WELDMENT	1
08 ^a	105028	SEAL KIT	1
		(items included in kit are not shown)	

Ref. No.	Part No.	Description	Qty. Req.
-- ITEMS NOT SHOWN --			
00 ^a	105026	INSTALLATION RING	1
00 ^a	105027	INSTALLATION RING	2

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

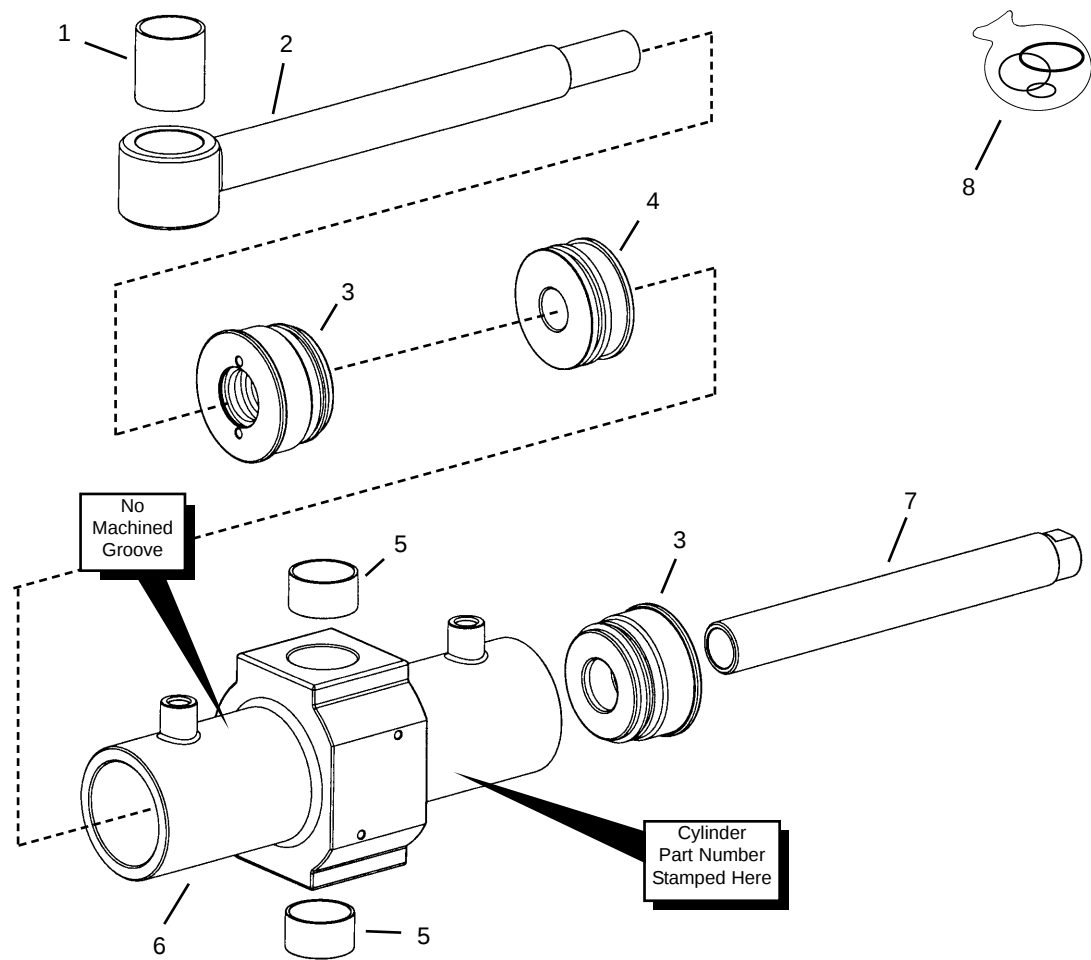
a When replacing seals, it will be necessary to purchase (1) 105026 installation ring and (2) 105027 installation rings. The installation rings are used to protect the rod seals in the gland during assembly.



Telescopic Handler

Hydraulic Cylinders Frame Stabilizer

(Cylinder is stamped with P/N 102247)



Ref. No.	Part No.	Description	Qty. Req.
00	102247	STABILIZING CYL. (Complete)	1
01	L69138	BUSHING	1
02	103011	ROD WELDMENT	1
		(includes item #1)	
03	L99937	HEAD GLAND	2
04	L99938	PISTON	1
05	L69774	BUSHING	2

Ref. No.	Part No.	Description	Qty. Req.
06	NSS	TUBE WELDMENT	1
07	L99935	CYLINDER ROD	1
08 ^a	L99942	SEAL KIT	1

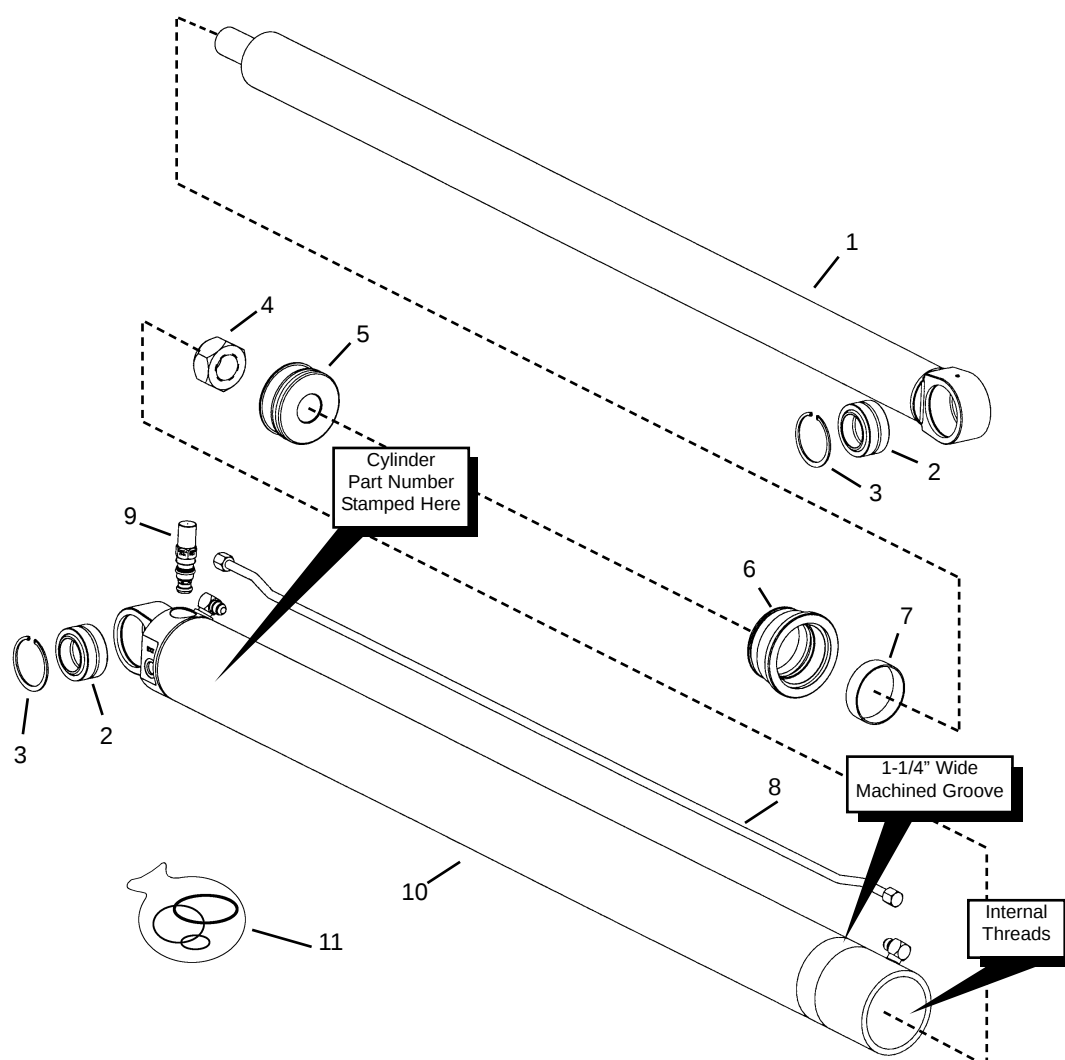
NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

^a Items included with seal kit are not shown.



Hydraulic Cylinders

Boom Lift

RS6-42/RS8-42/44*(Cylinder is stamped with P/N 104385)*

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104385	COMPLETE ASSEMBLY	1	09	L48868A	COUNTERBAL. VALVE	1
01	104991	ROD WELDMENT.....	1		L96838	CB SEAL KIT	1
02	L97884	SPHERICAL BUSHING	2		L65272	CAP	1
03	105024	RETAINER RING	2	10	NSS	TUBE WELDMENT.	1
04	105036	LOCKNUT	1	11 ^a	105033	CYLINDER SEAL KIT	1
05	105000	PISTON	1	<i>NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.</i>			
06	105007	GLAND	1				
07	105010	BUSHING	1				
08	104994	MANIFOLD TUBE	1				

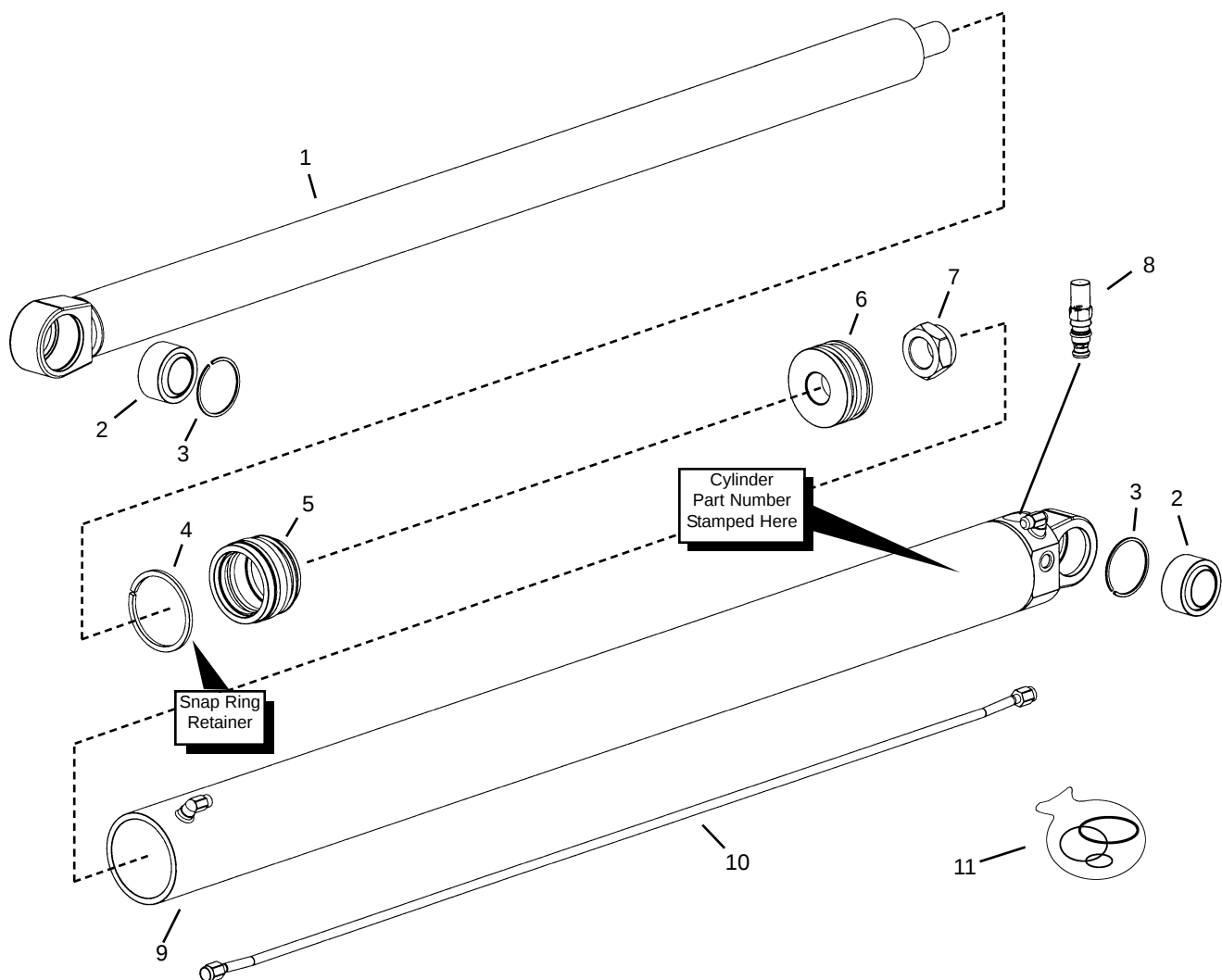
^a Items included with seal kit are not shown.



Telescopic Handler

Hydraulic Cylinders
Boom Lift

(Cylinder is stamped with P/N L66821)



Ref. No.	Part No.	Description	Qty. Req.
00	L66821	COMPLETE ASSEMBLY	1
01	NSS	ROD WELDMENT.	1
02	L97884	SPHERICAL BUSHING 1.5 ID	2
03	L97885	RETAINER RING	2
04	L99123	LOCKING INSERT	1
05	L99120	END GLAND	1
06	L97886	PISTON	1
07	L99122	LOCKNUT 1-3/4-12	1

Ref. No.	Part No.	Description	Qty. Req.
08	L48868A	COUNTERBAL. VALVE	1
	L96838	CB SEAL KIT	1
	L65272	CAP	1
09	NSS	TUBE WELDMENT.	1
10	L99121	HYD. OIL LINE TUBE	1
11 ^a	L99329	CYLINDER SEAL KIT	1

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

a Items included with seal kit are not shown.

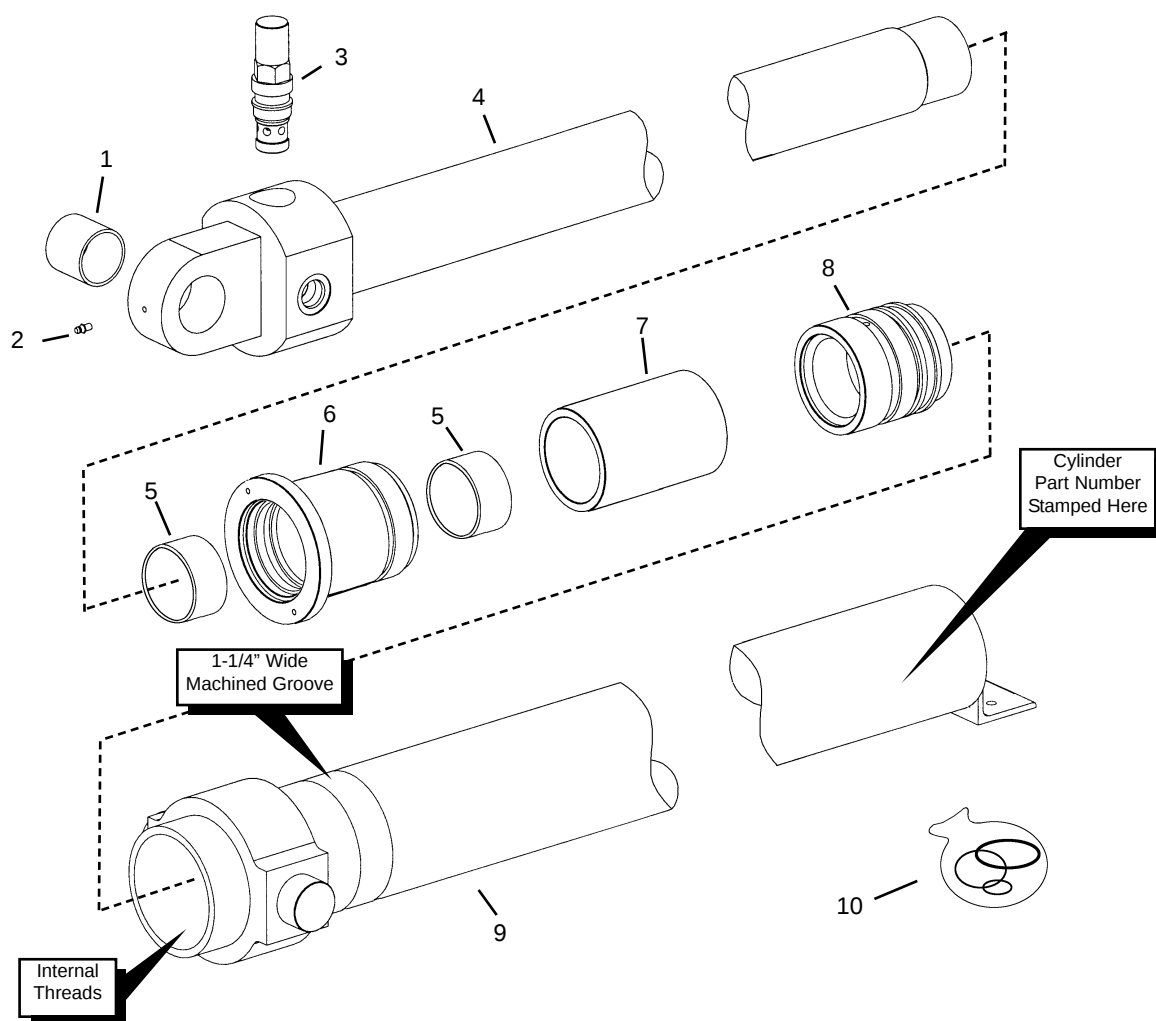


Hydraulic Cylinders

Boom Extend

RS6-42/RS8-42/44

(Cylinder is stamped with P/N 104383 or 104384)



Ref. No.	Part No.	Description	Qty. Req.
00		COMPLETE ASSEMBLY.....	1
	104383	Note a	
	104384	Note b	
01	104270	BUSHING (ROD END)	1
02	L10465	1/4"-28 GREASE ZERK.....	1
03	L70274	COUNTER BALANCE VALVE.....	1
	L99943	CBAL VALVE SEAL KIT	1
04		ROD WELDMENT.....	1
		(includes item #1)	
	104992	Note a	
	104993	Note b	
05	105022	DX BUSHING	2
06	105008	GLAND	1
07	105023	SPACER	1
08	105001	PISTON	1

Ref. No.	Part No.	Description	Qty. Req.
09	NSS	CYLINDER TUBE WELDMENT ...	1
10		CYLINDER SEAL KIT	1
	105031	Note a	
	105032	Note b	
-- ITEMS NOT SHOWN --			
(Mounts inside of rod weldment)			
00a	104995	MANIFOLD TUBE ASSEMBLY	1
00b	104996	MANIFOLD TUBE ASSEMBLY	1
a	42' Boom		
b	44' Boom		
c	Items included in the seal kit are not shown.		

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

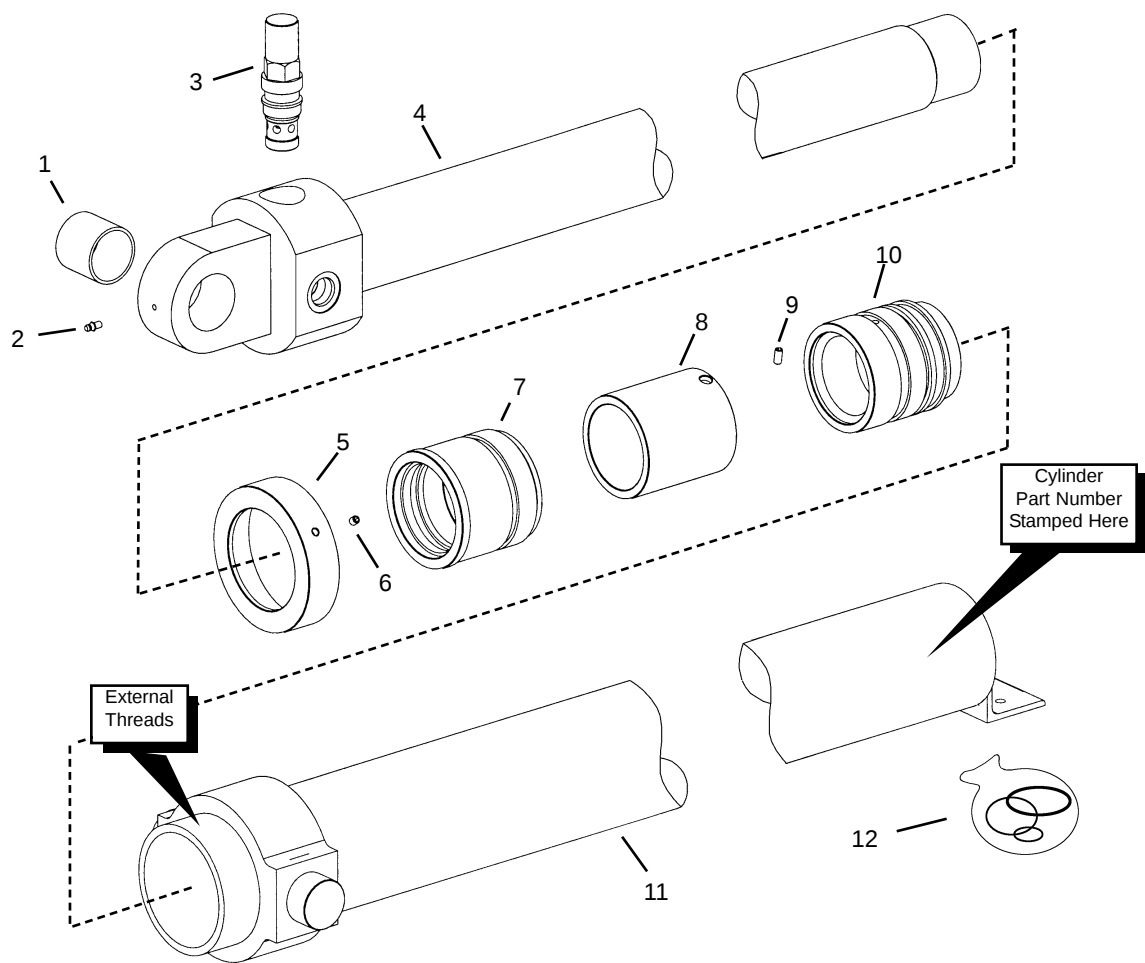


Telescopic Handler

Hydraulic Cylinders

Boom Extend

(Cylinder is stamped with P/N 102543 or 102544)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00		COMPLETE ASSEMBLY.....	1	06	L99879	5/16-18X5/16" SET SCREW.....	1
	102543	Note a		07	L99053	HEAD GLAND.....	1
	102544	Note b		08	102890	ROD SPACER.....	1
01	L64367	BUSHING (ROD END).....	1	09	L99875	5/16-18X5/8" SET SCREW.....	1
02	L10465	1/4"-28 GREASE ZERK.....	1	10	L99874	PISTON.....	1
03	L70274	COUNTER BALANCE VALVE.....	1	11	NSS	CYLINDER TUBE WELDMENT ...	1
	L99943	CBAL VALVE SEAL KIT.....	1	12 ^c	L99873	CYLINDER SEAL KIT.....	1
04		ROD WELDMENT.....	1				
		(includes item #1)					
	L99881	Note a		a	42' Boom		
	102889	Note b		b	44' Boom		
05	L500582	HEAD GLAND CAP.....	1	c	Items included in the seal kit are not shown.		

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

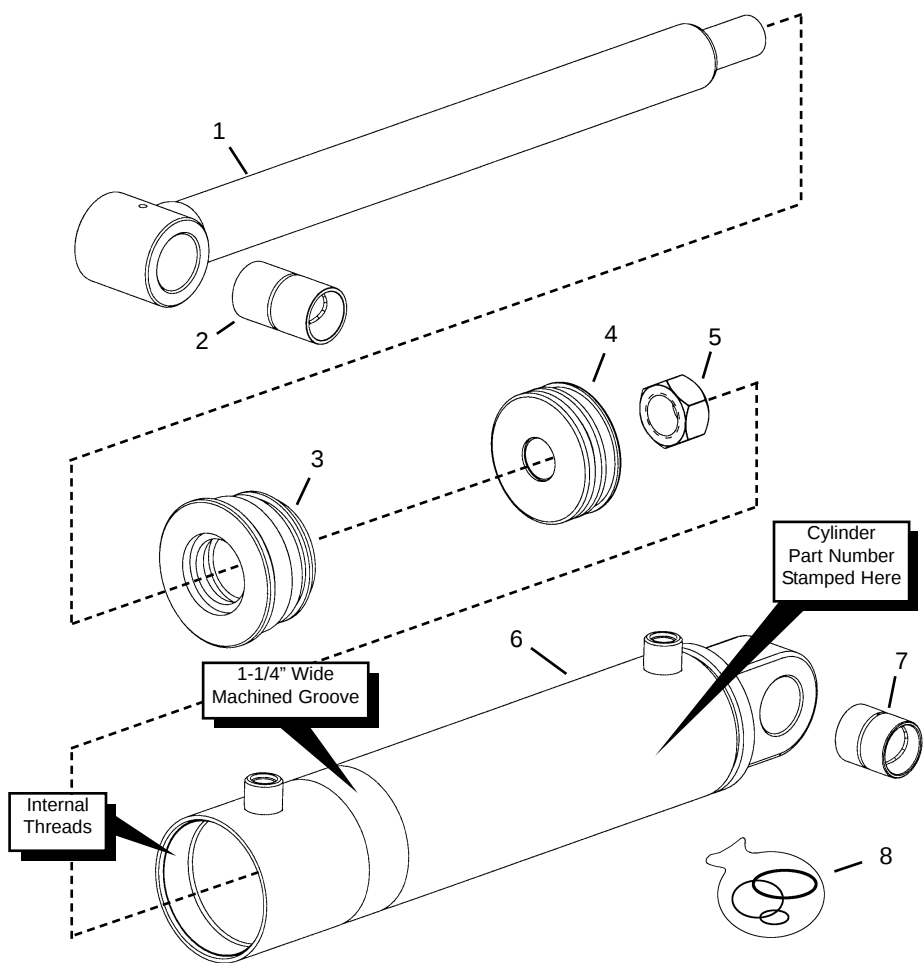


Hydraulic Cylinders

Slave (Compensation)

RS6-42/RS8-42/44

(Cylinder is stamped with P/N 104382)



Ref. No.	Part No.	Description	Qty. Req.
00	104382	COMPLETE ASSEMBLY.....	1
01	104988	ROD WELDMENT..... (includes item #2)	1
02	L63018	BUSHING (rod end)	1
03	104265	GLAND	1
04	104260	PISTON	1
05	104273	LOCKNUT	1
06	NSS	CYLINDER TUBE WELDMENT ...	1

Ref. No.	Part No.	Description	Qty. Req.
07	L68003	BUSHING (base end)	1
08a	105029	CYLINDER SEAL KIT	1

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

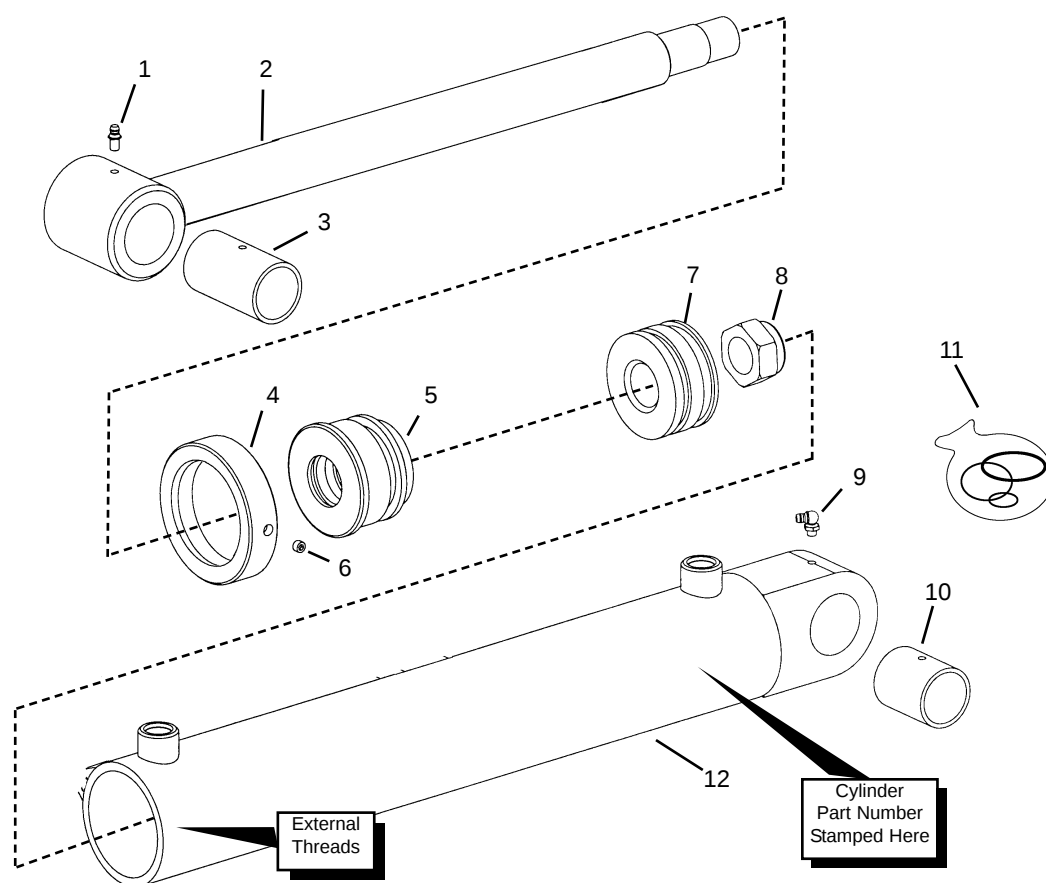
a Items included in the seal kit are not shown.



Telescopic Handler

Hydraulic Cylinders Slave (Compensation)

(Cylinder is stamped with P/N L69149)



Ref. No.	Part No.	Description	Qty. Req.
00	L69149	COMPLETE ASSEMBLY.....	1
01	L10465	1/4-28 GREASE ZERK STR.....	1
02	L99865	ROD WELDMENT.....	1
		(includes item #2)	
03	L63018	BUSHING (ROD END).....	1
04	L98547	HEAD GLAND CAP.....	1
05	L99866	HEAD GLAND.....	1
06	L99857	5/16-18X1/4" SET SCREW.....	1
07	L99864	PISTON.....	1

Ref. No.	Part No.	Description	Qty. Req.
08	L500751	1-3/8-12 UNF LOCKNUT.....	1
09	L10057	1/4-28 GREASE ZERK 90 DEG ...	1
10	L68003	BUSHING (BASE END).....	1
11 ^a	L99868	CYLINDER SEAL KIT.....	1
12	NSS	CYLINDER TUBE WELDMENT ...	1

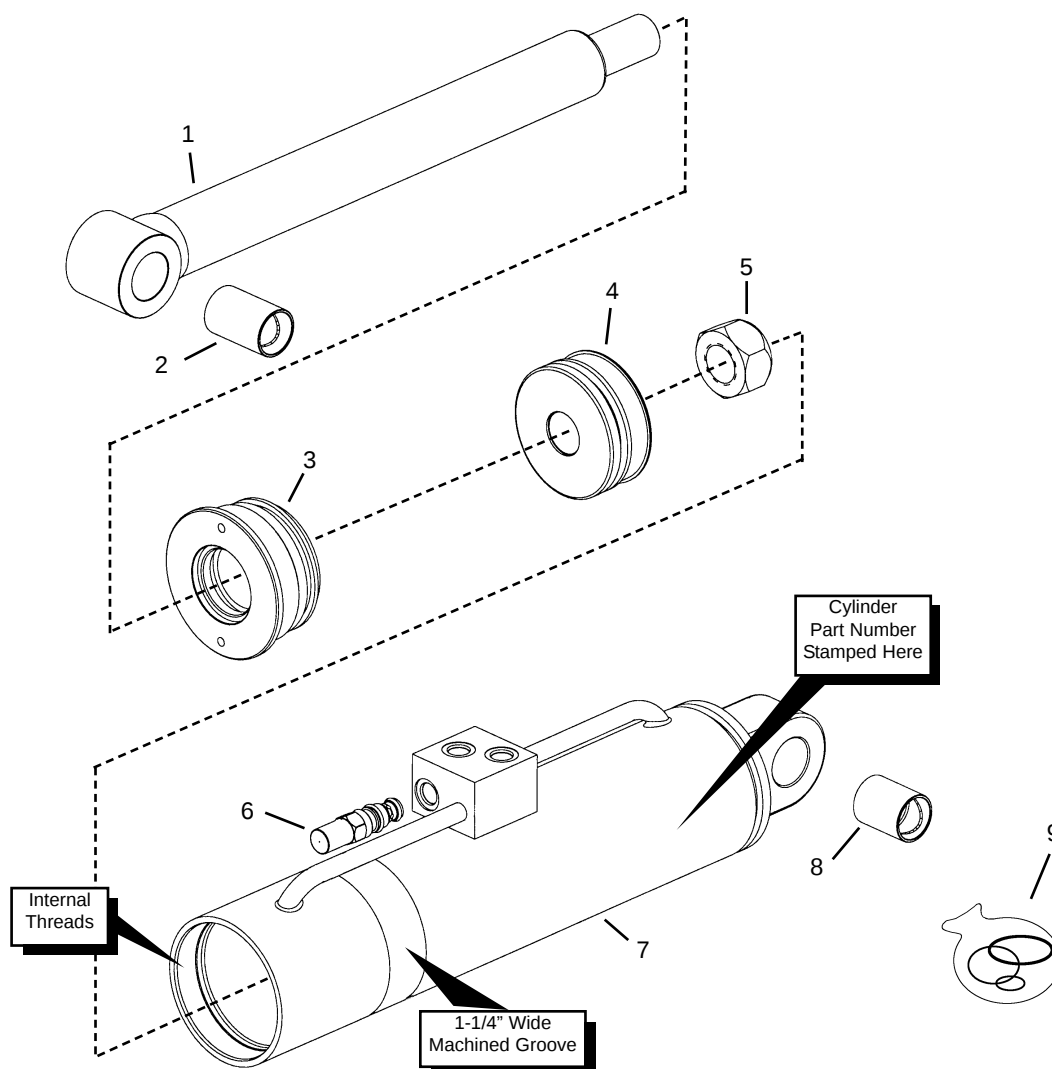
NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

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



Hydraulic Cylinders

Tilt

RS6-42/RS8-42/44**(Cylinder is stamped with P/N 104381)**

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104381	COMPLETE ASSEMBLY.....	1	07	NSS	TUBE WELDMENT.....	1
01	104990	ROD WELDMENT.....	1	08	L69127	BUSHING (BASE END).....	1
		(includes item #2)		09a	105034	CYLINDER SEAL KIT.....	1
02	L69132	BUSHING.....	1				
03	105009	GLAND.....	1				
04	105002	PISTON.....	1				
05	105036	LOCKNUT.....	1				
06	L70502	COUNTER BALANCE VALVE.....	1				
	L96838	CB VALVE SEAL KIT.....	1				

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

a Items included in the seal kit are not shown.

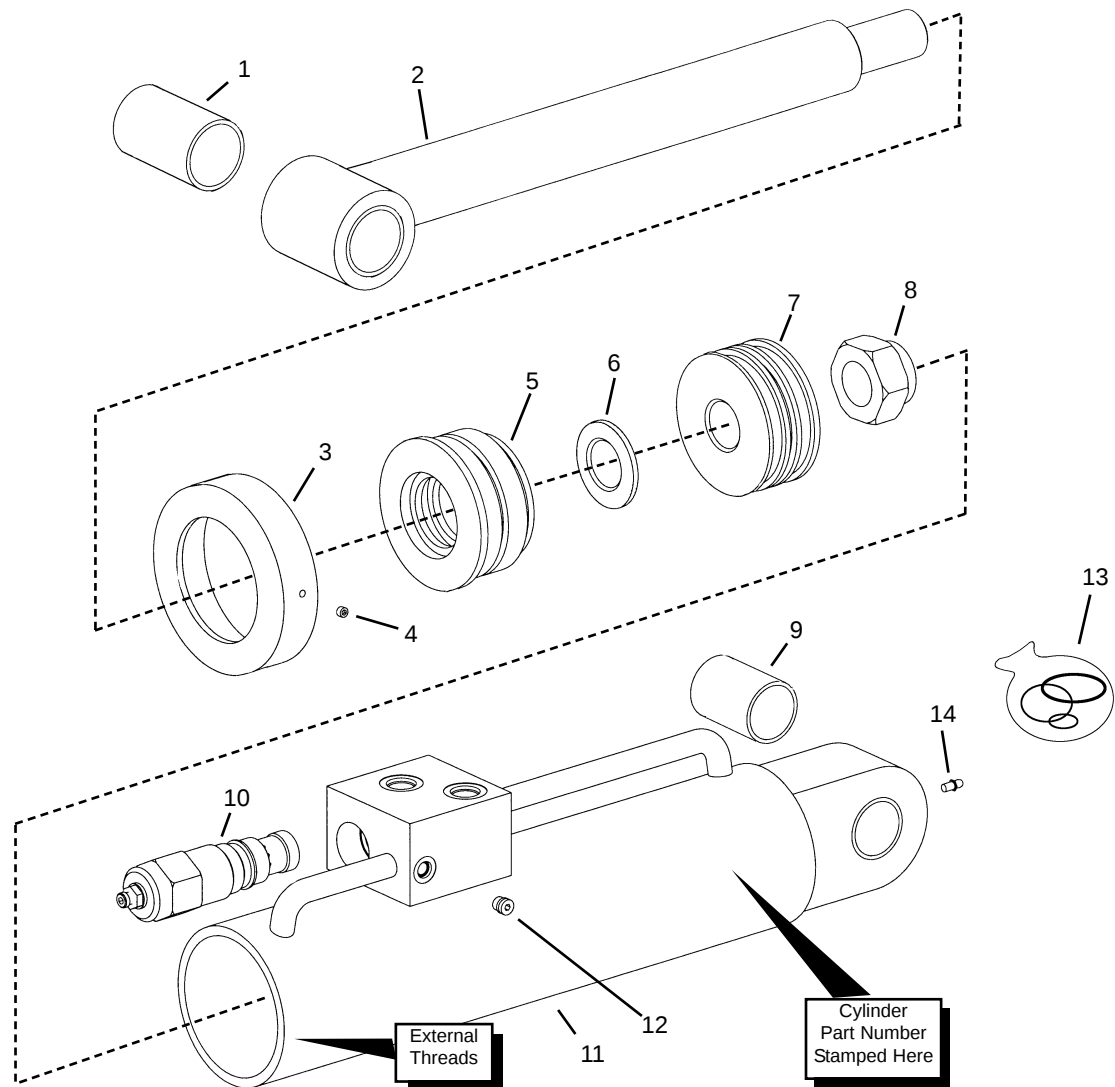


Telescopic Handler

Hydraulic Cylinders

Tilt

(Cylinder is stamped with P/N L69144)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L69144	COMPLETE ASSEMBLY.....	1	10	L70502	COUNTER BALANCE VALVE.....	1
01	L99889	BUSHING	1		L96838	CB VALVE SEAL KIT	1
02	L99886	ROD WELDMENT.....	1	11	NSS	CYLINDER TUBE WELDMENT ...	1
		(includes item #1)		12	L99917	PLUG -4.....	1
03	L99856	HEAD GLAND CAP.....	1	13 ^a	L99883	CYLINDER SEAL KIT	1
04	L99879	5/16"-18X5/16" SET SCREW	1	14	L10465	1/4-28 GREASE ZERK STR	1
05	L99888	HEAD GLAND.....	1				
06	L99852	THRUST WASHER	1				
07	L99885	PISTON	1				
08	L99122	1-3/4" UNF LOCKNUT.....	1				
09	L69127	BUSHING (BASE END).....	1				

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

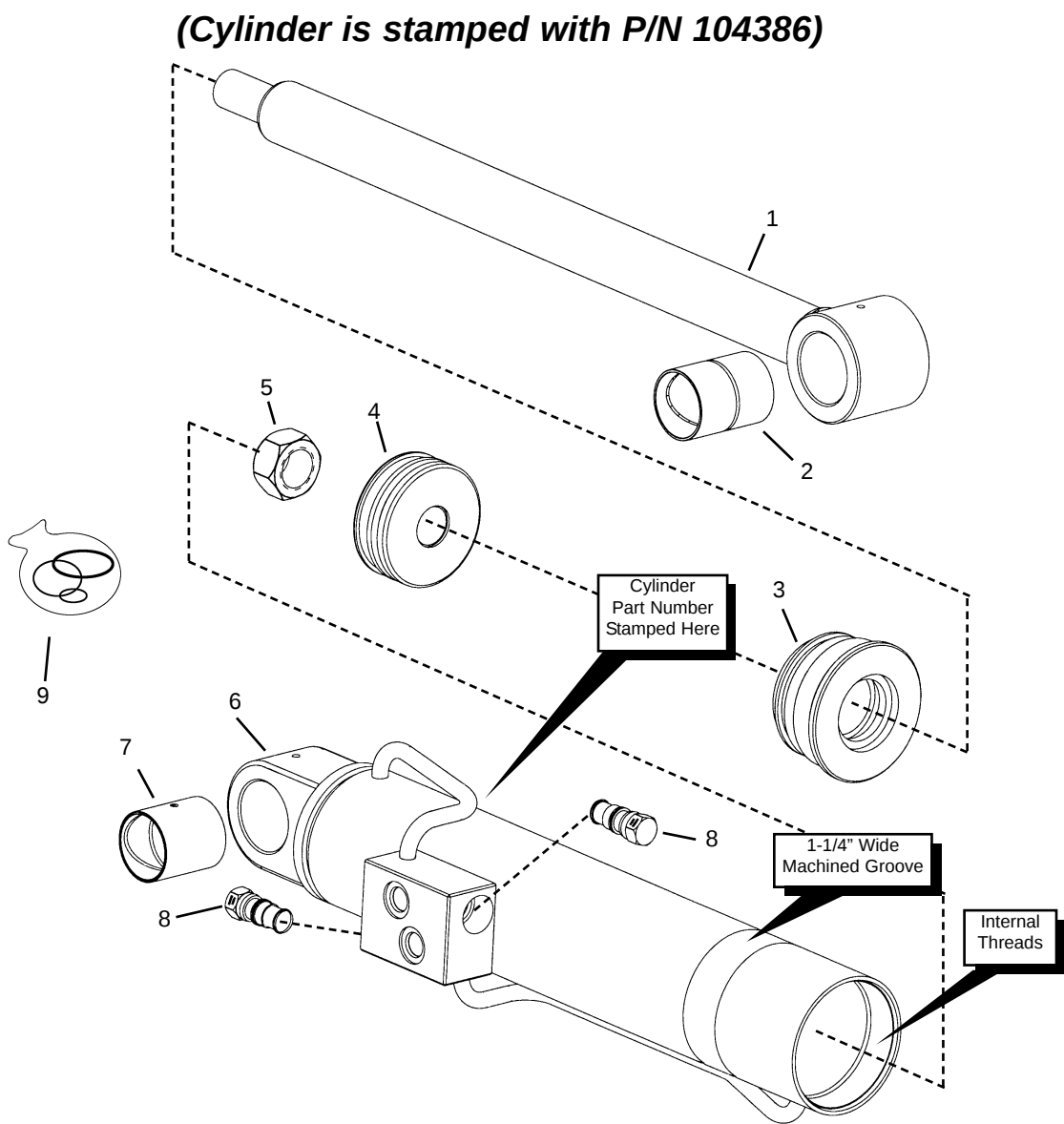
^a Items included in the seal kit are not shown.



Hydraulic Cylinders

Outrigger

RS6-42/RS8-42/44



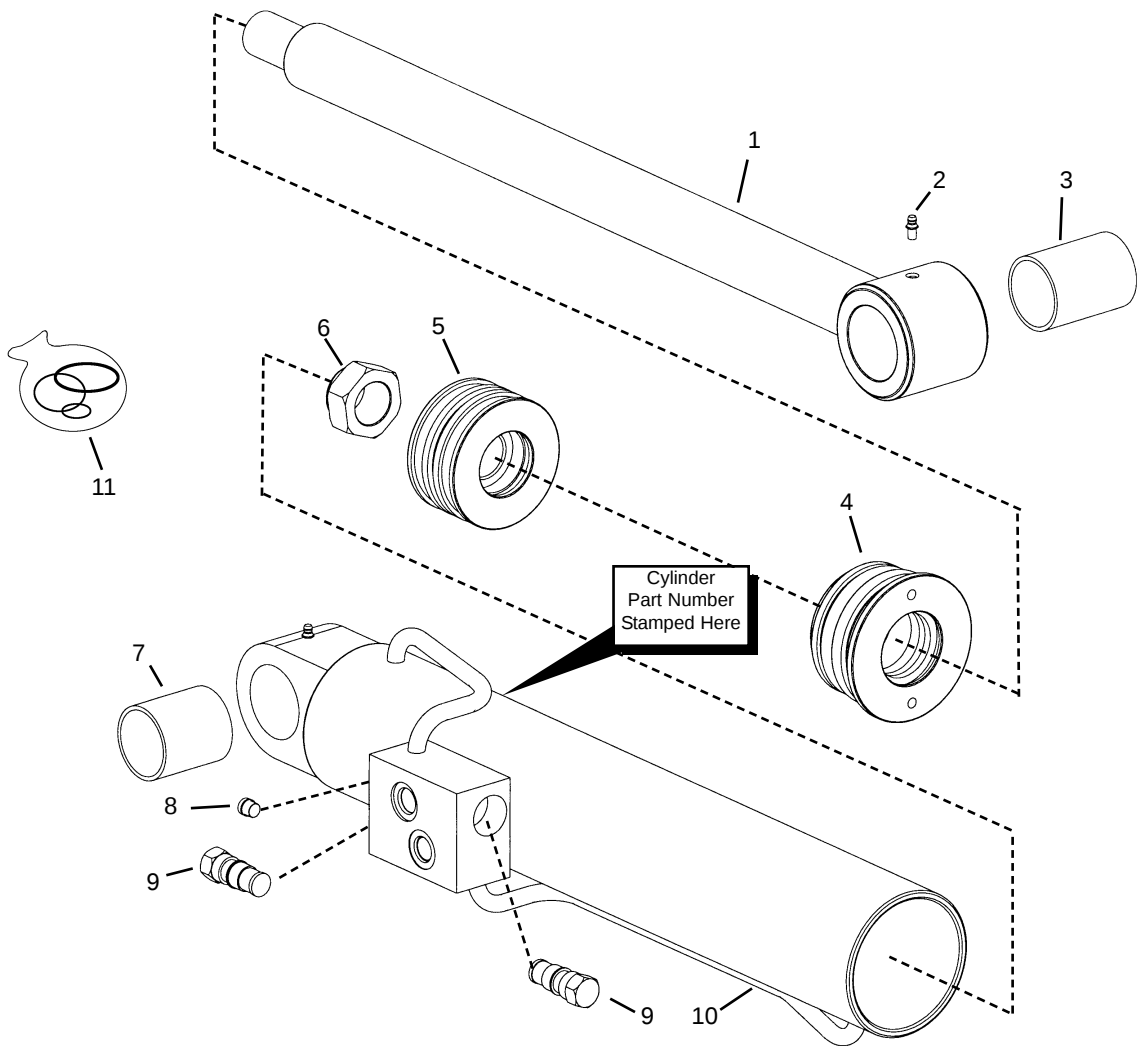
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104386	COMPLETE ASSEMBLY.....	1	07	104813	BUSHING (BASE END).....	1
01	104989	ROD WELDMENT.....	1	08	L99987	PO CHECK VALVE.....	2
		(includes item #2)		09a	105035	CYLINDER SEAL KIT.....	1
02	104812	BUSHING (ROD END).....	1	NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.			
03	104265	GLAND.....	1				
04	104260	PISTON.....	1	a Items included in the seal kit are not shown.			
05	104273	LOCKNUT.....	1				
06	NSS	CYLINDER TUBE WELDMENT ...	1				



Telescopic Handler

Hydraulic Cylinders
Outrigger

(Cylinder is stamped with P/N L70616)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70616	COMPLETE ASSEMBLY.....	1	08	L99917	PLUG, -40RM	1
01	L99989	ROD WELDMENT.....	1	09	L99987	PO CHECK VALVE	2
		(includes item #3)		10	NSS	CYLINDER TUBE WELDMENT ...	1
02	L10465	1/4"-28 GREASE ZERK.....	2	11 ^a	L99988	CYLINDER SEAL KIT	1
03	L70618	BUSHING (ROD END)	1				
04	L99991	HEAD GLAND	1				
05	L99864	PISTON	1				
06	L500751	1-3/8"-12 UNF LOCKNUT	1				
07	L69138	BUSHING (BASE END).....	1				

NOTE: Check the part number stamped on the cylinder before ordering parts or a replacement cylinder.

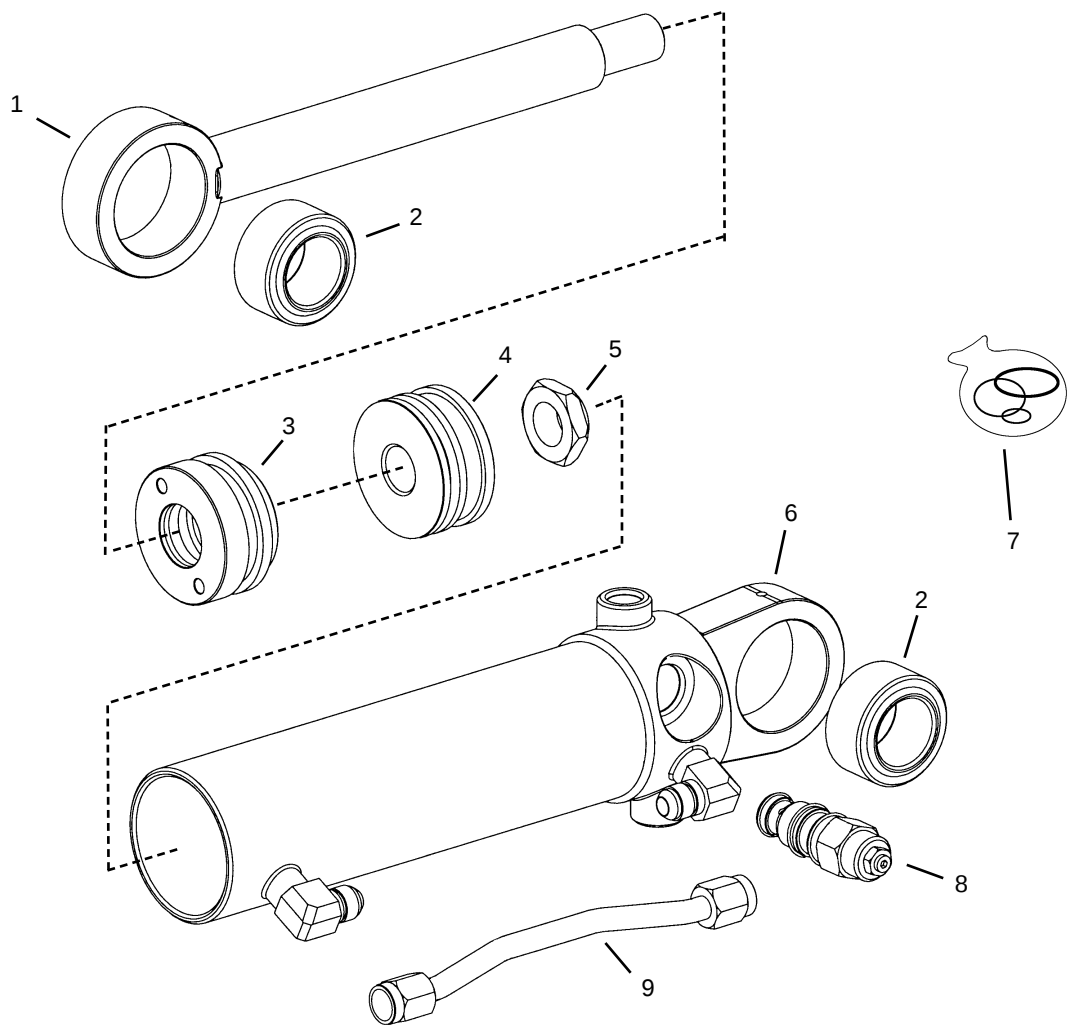
a Items included in the seal kit are not shown.



Hydraulic Cylinders

Rotating Carriage

RS6-42/RS8-42/44



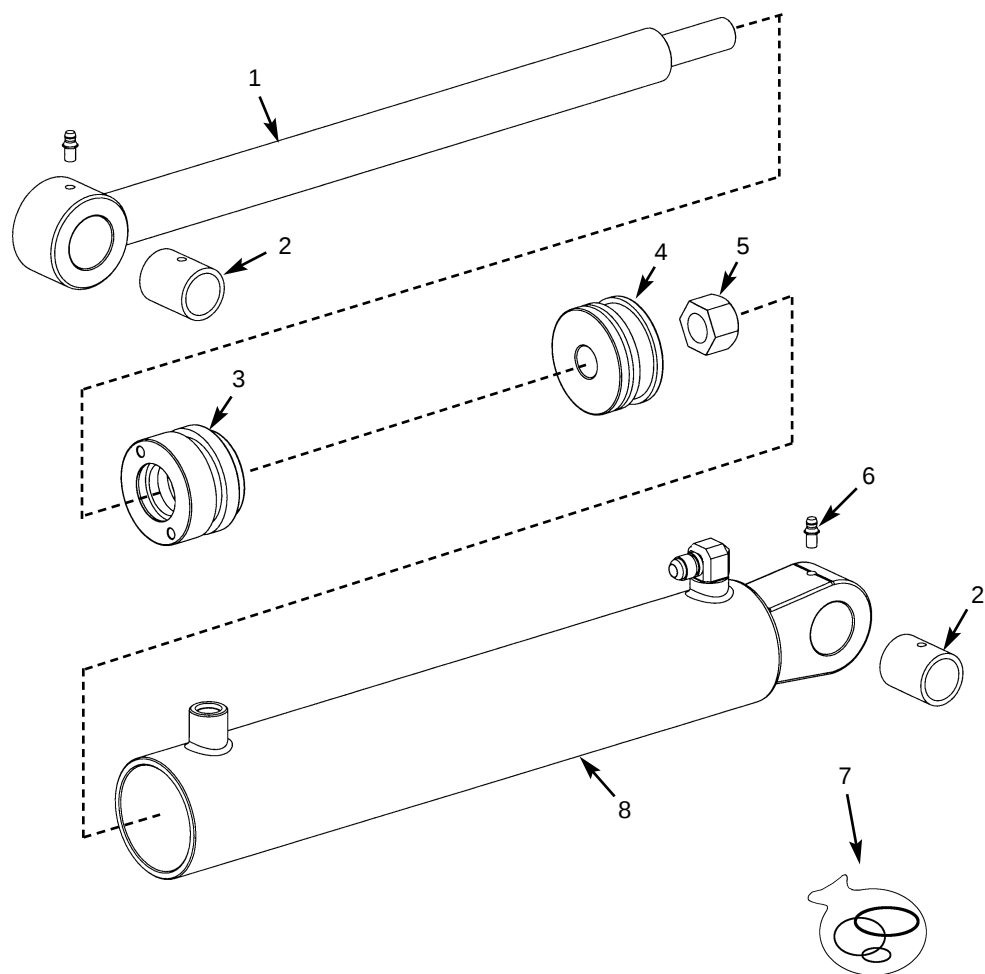
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L70655	COMPLETE ASSEMBLY.....	1	08	L48868A	CB VALVE (3000 psi)	2
01	L500242	ROD WELDMENT.....	1		L96838	CB VALVE SEAL KIT	1
02	L64122	SPHERICAL BEARING.....	2	09	L500241	HYDRAULIC LINE ASSEMBLY....	1
03	L99074	HEAD GLAND.....	1				
04	L97839	PISTON.....	1				
05	080313	1"-14 UNS THIN COL. LOCKNUT .	1				
06	NSS	TUBE WELDMENT.....	1				
07 ^a	L97769	SEAL KIT.....	1				

a Items included in the seal kit are not shown.



Telescopic Handler

Hydraulic Cylinders Swing Carriage



Ref. No.	Part No.	Description	Qty. Req.
00	L63970	COMPLETE ASSEMBLY.....	1
01	L500364	ROD WELDMENT.....	1
02	L63593	BUSHING.....	2
03	L500365	HEAD GLAND.....	1
04	L98662	PISTON.....	1
05	080319	3/4"-16 LOCKNUT.....	1

Ref. No.	Part No.	Description	Qty. Req.
06	L10465	1/4"-28 GREASE ZERK.....	2
07 ^a	L99944	SEAL KIT.....	1
08	NSS	TUBE WELDMENT.....	1

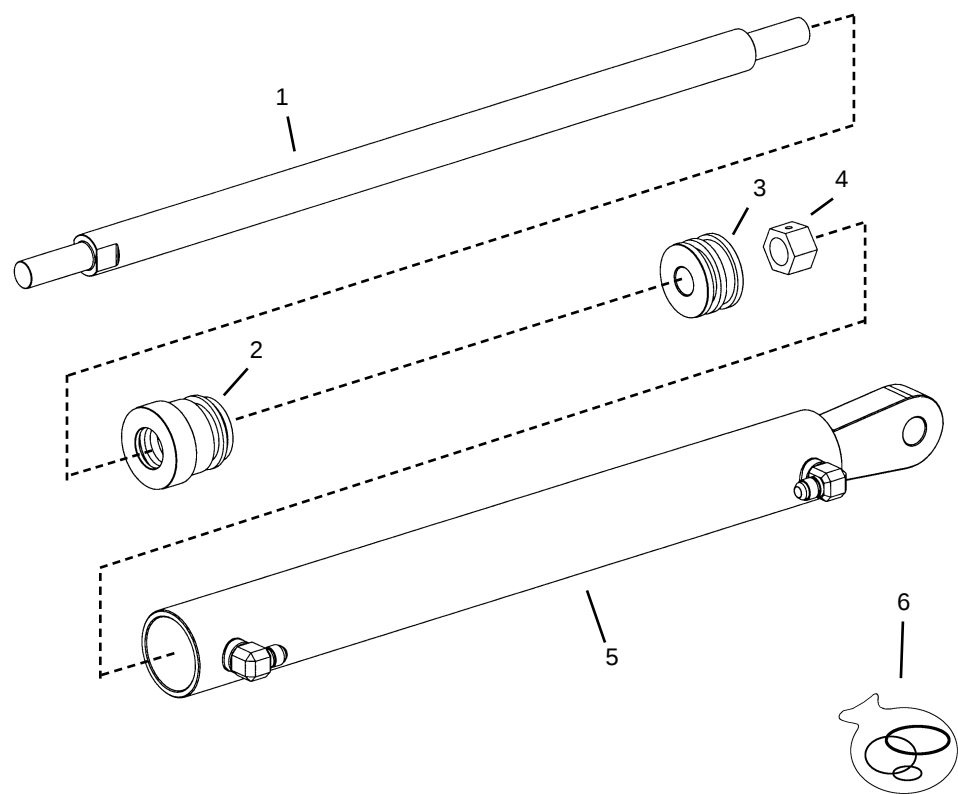
^a Items included in the seal kit are not shown.



Hydraulic Cylinders

Fork Shift

RS6-42/RS8-42/44



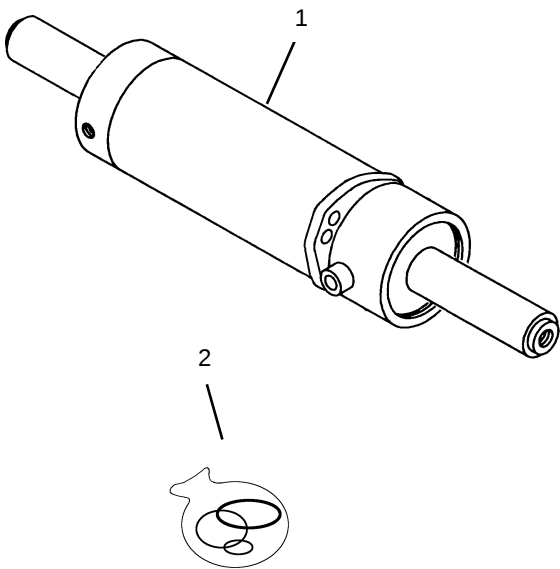
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L68337	COMPLETE ASSEMBLY		05	NSS	TUBE WELDMENT	1
01	L500763	ROD WELDMENT	1	06 ^a	L500370	SEAL KIT	1
02	L500762	HEAD GLAND	1				
03	L500761	PISTON	1				
04	080319	3/4"-16 UNF LOCKNUT	1				

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



Telescopic Handler

Hydraulic Cylinders
Axle Steer



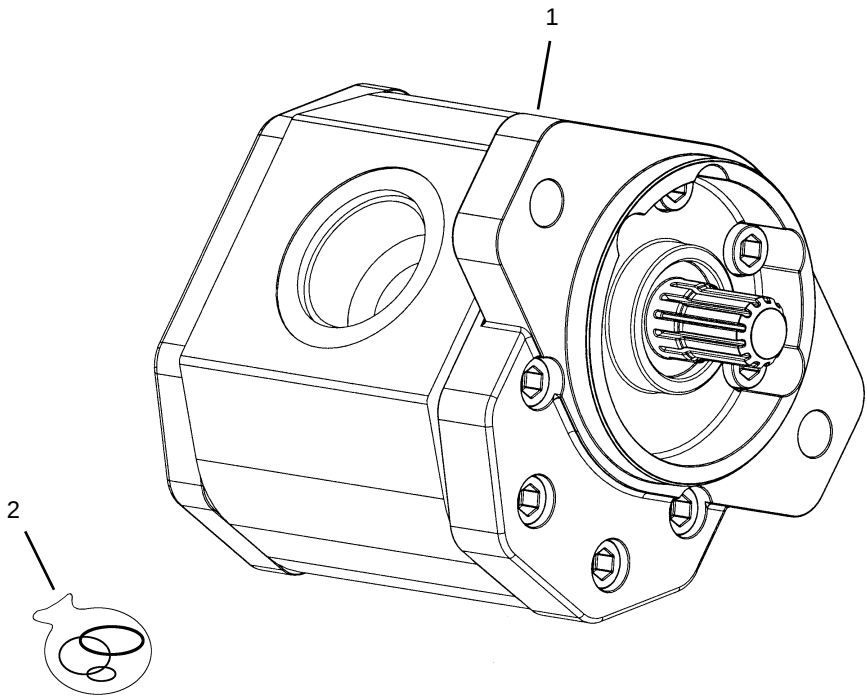
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102577	STEER CYLINDER	1	02	103118	SEAL KIT	1
	L500539	STEER CYLINDER BOLT	4			(Items included are not shown.)	

NOTE: Quantities are per axle.



Hydraulic Components
Hydraulic Pump

RS6-42/RS8-42/44



Ref. No.	Part No.	Description	Qty. Req.
01	102498	HYDRAULIC PUMP	1
	L46865	GASKET, PUMP	1
		(between pump and transmission)	
02 ^a	103018	SEAL KIT	1

Ref. No.	Part No.	Description	Qty. Req.
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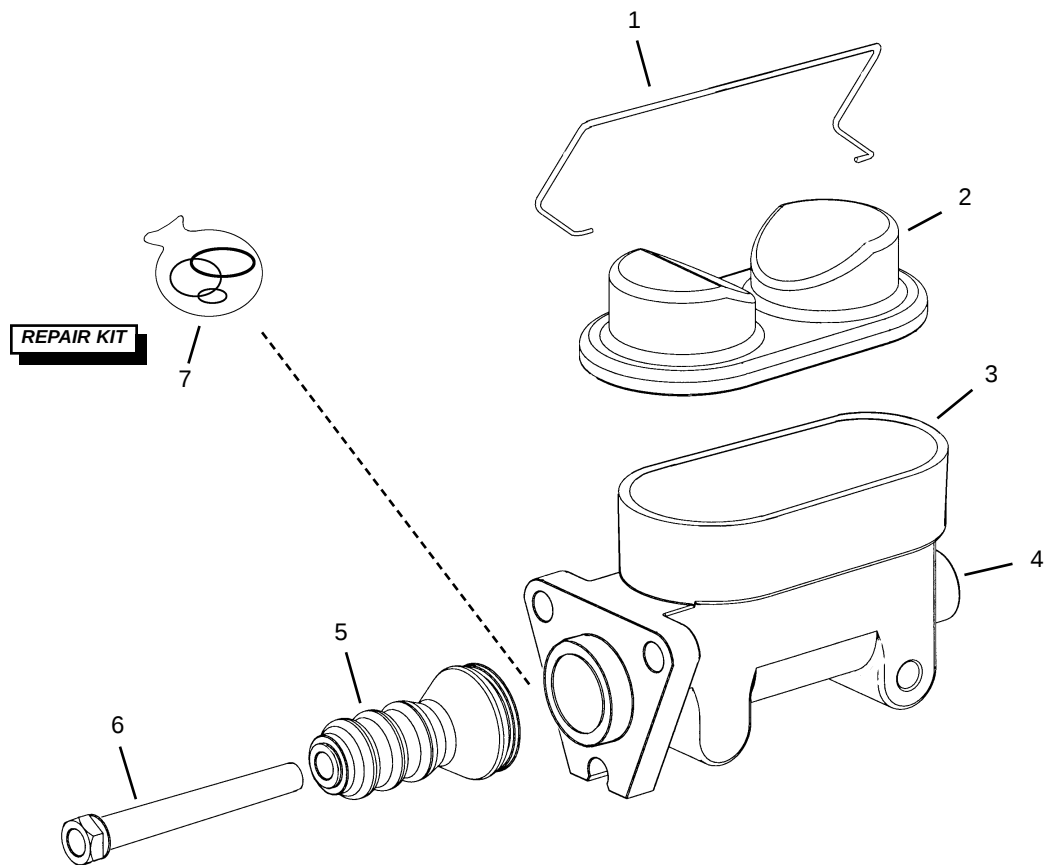
a Individual seals are not shown.

NOTE: Field service is limited to replacement of seals.



Telescopic Handler

Hydraulic Components Master Cylinder - Brake Valve

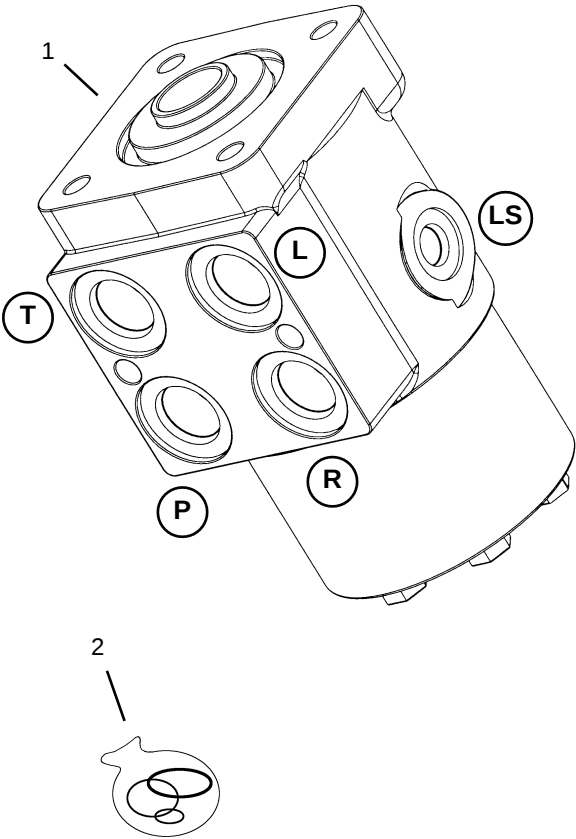


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L63363	BRAKE VALVE ASY. (Complete)		06	NSS	PUSH ROD	1
		(Two brake valves are required.)		07 ^a	L98537	REPAIR KIT	1
01	NSS	BAIL WIRE	1			(Items included are not shown.)	
02	NSS	COVER	1				
	L98534	DIAPHRAGM GASKET	1				
03	NSS	BODY		a		Repair kit includes seals, cups, return spring, second arm piston, and snap ring. Piston is not included or sold separately.	
04	NSS	TUBE SEAT (not shown)	1				
05	L98536	RUBBER BOOT	1				



Hydraulic Components
Steer Motor

RS6-42/RS8-42/44



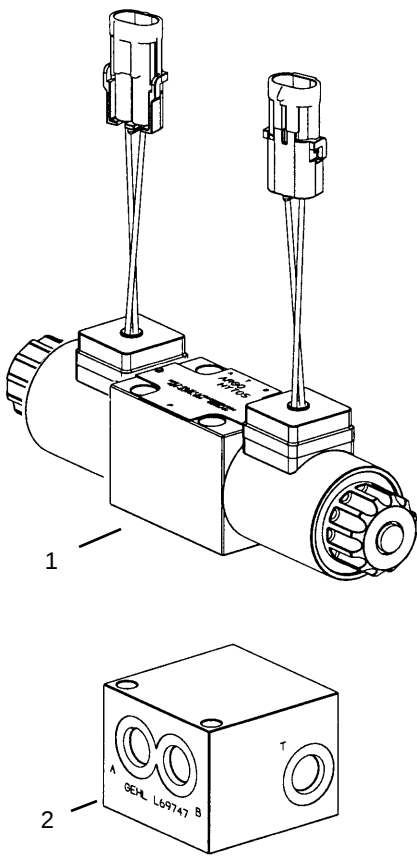
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	101880	STEERING CONTROL UNIT	1				
02	L500968	SEAL KIT	1				
(Items included are not shown.)							

NOTE: Field service is limited to replacement of seals.



Telescopic Handler

Hydraulic Components
Steer Select Valve

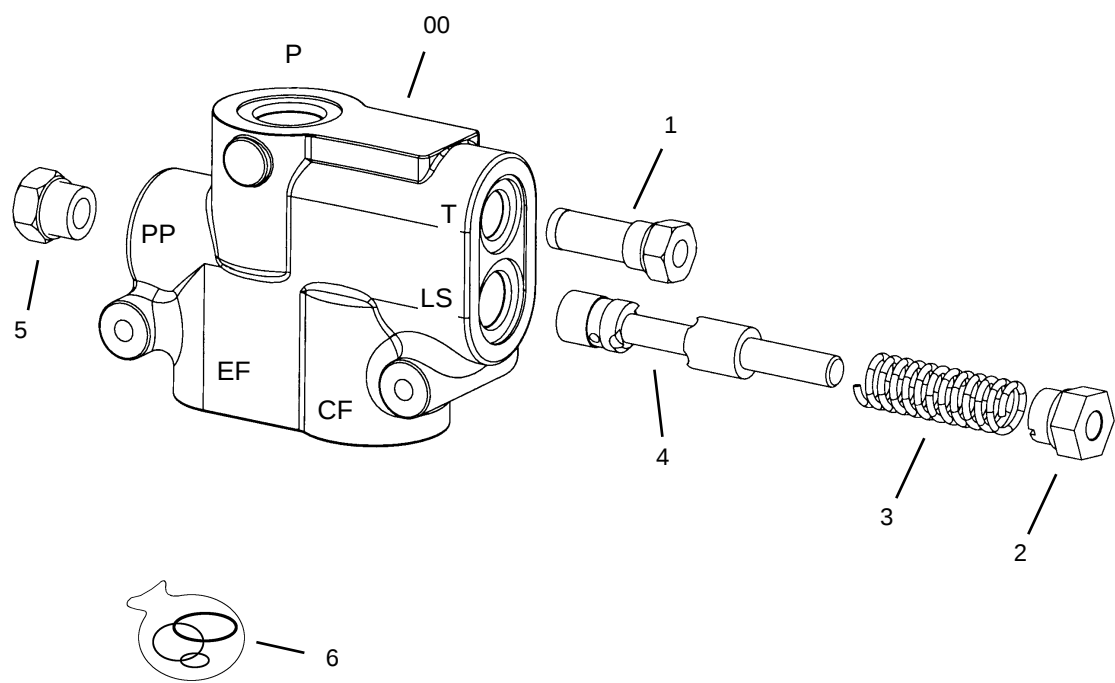


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L69747	STEER SELECT VALVE, COMPL. . 1 <i>(includes items 1 and 2)</i>		00	L68711	-- ITEMS NOT SHOWN -- WIRE HARNESS 2 <i>(connects wire leads to frame wiring)</i>	
01	210018	WEATHER PAK VALVE..... 1					
02	NSS	MANIFOLD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



Hydraulic Components
Priority Flow Divider Valve

RS6-42/RS8-42/44



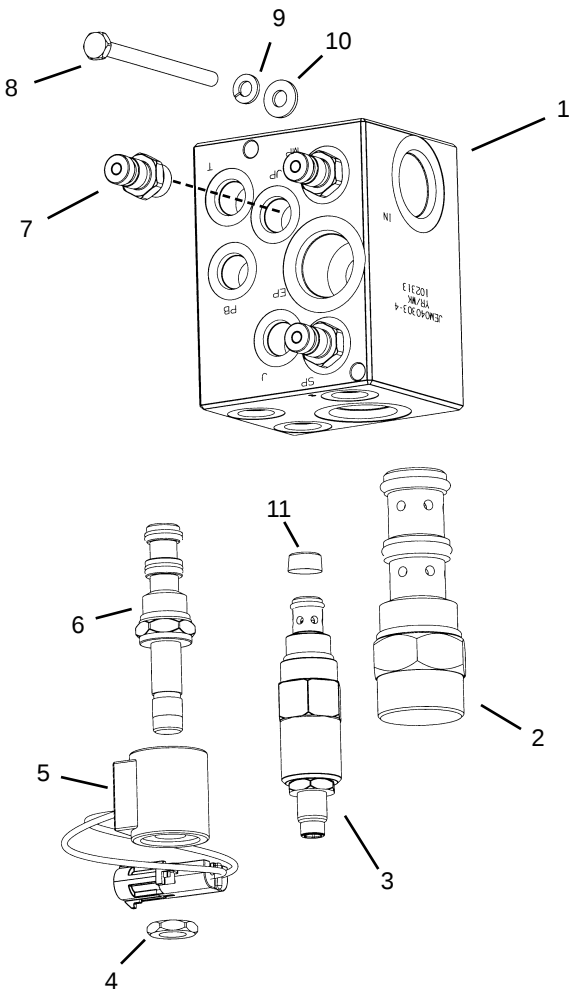
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104132	COMPLETE ASSEMBLY.	1	04	NSS	SPOOL	1
01	104133	RELIEF CARTRIDGE ASY.	1	05	NSS	PLUG	1
02	NSS	PLUG ASY	1	06 ^a	L97655	SEAL KIT	1
03	NSS	SPRING	1				

a Items in seal kit are not shown.



Telescopic Handler

Hydraulic Components Joystick Relief - Flow Divider



Ref. No.	Part No.	Description	Qty. Req.
01	102313	MANIFOLD, FLOW DIVIDER1 <i>(includes items 1-7)</i>	
02	103017	PILOTED SPOOL LOGIC ELEM. . . .1	
03	L99927	RELIEF VALVE1	
	L99925	SEAL KIT1	
04	NSS	NUT, SOLENOID VALVE1 <i>(included with item 5)</i>	
05	L99908	12 VDC WEATHER PACK COIL . . .1 <i>(includes item 4)</i>	
06	L99910	SOLENOID VALVE1	
	L99911	SEAL KIT1	
07	P471997	TEST PORT3	
	L62840	CAP, DUST COVER <i>(not shown)</i> . .3	
	L62933	FEMALE COUPLER <i>(optional)</i>	

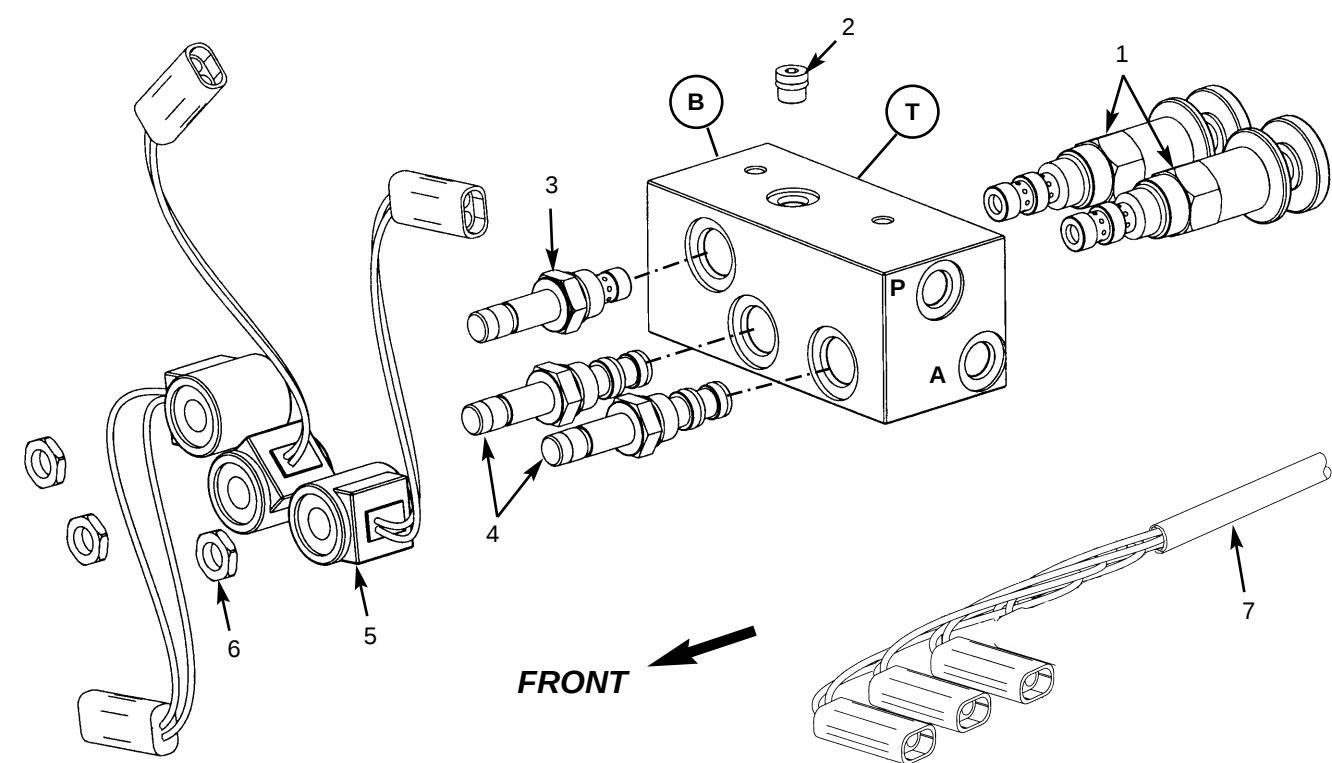
Ref. No.	Part No.	Description	Qty. Req.
08	L50217	1/4"-20X3-1/2" BOLT2	
09	L50139	1/4" LOCK WASHER2	
10	L50137	1/4" FLAT WASHER2	
11	105087	SCREEN1	

NOTE: Items included in seal kits are not shown.



Hydraulic Components
Pilot Apply Valve (Tri-Function Controller)

RS6-42/RS8-42/44

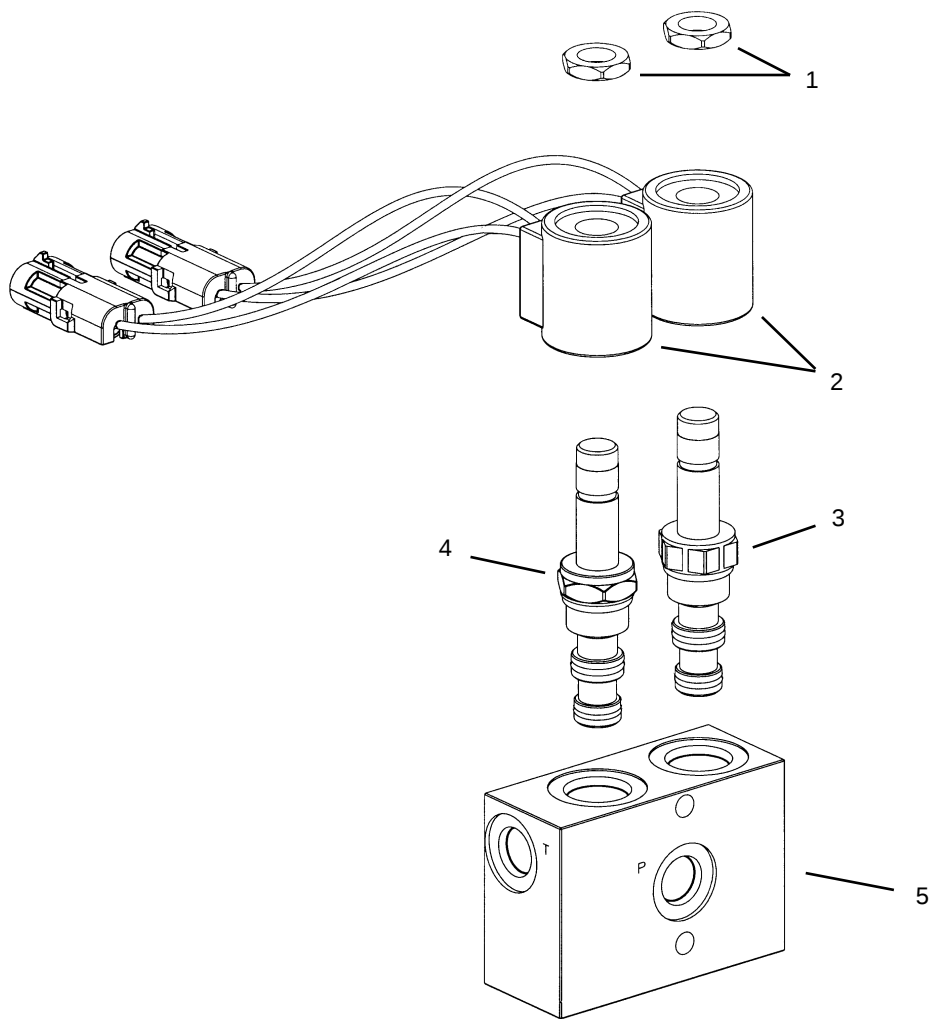


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	L71339	PILOT APPLY MANIFOLD..... ^a (includes all items except item 7)		04	L99910	VALVE, 3-WAY 2 POSITION..... ² (includes item 6)	
01	L500745	PRESSURE CONTROL..... ²			L99911	SEAL KIT, 3-WAY VALVE..... ²	
	L99911	SEAL 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	104216	WIRE HARNESS, TILT CONTROL. ¹	
	L99924	SEAL KIT, 2 WAY VALVE..... ¹					
				^a Units equipped with Auxiliary Hydraulics use (2) L71339 Pilot Apply Manifolds.			



Telescopic Handler

Hydraulic Components
PWP Manifold



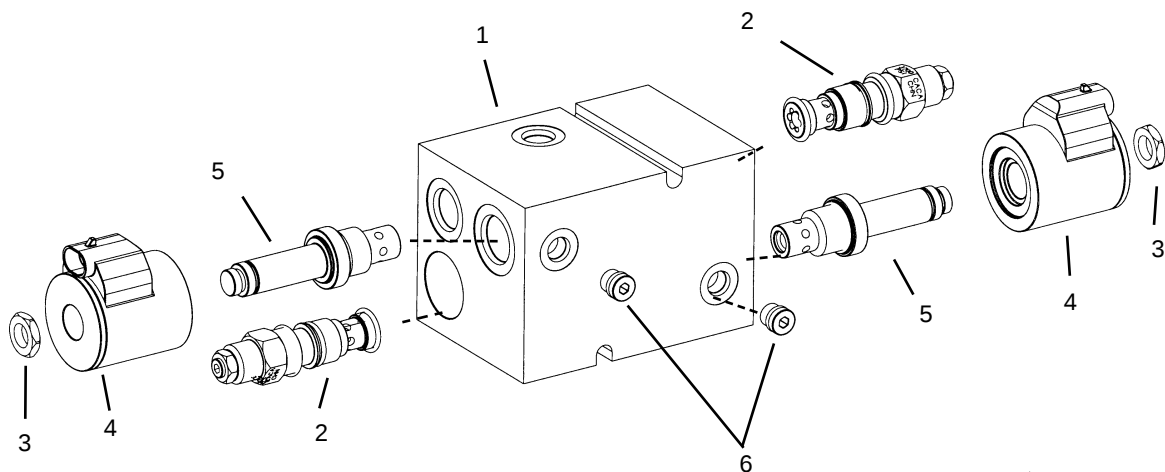
Ref. No.	Part No.	Description	Qty. Req.
00	102321	MANIFOLD, PWP	1
		(Complete assembly)	
01	NSS	NUT, SOLENOID VALVE.	2
		(included with item 3 and 4)	
02	L99908	12 VDC WEATHER PACK COIL . . .	2
03	L99909	SOLENOID VALVE	1
	L99911	SEAL KIT	1
		(Items included are not shown.)	

Ref. No.	Part No.	Description	Qty. Req.
04	L99910	SOLENOID VALVE	1
	L99911	SEAL KIT	1
		(Items included are not shown.)	
05	NSS	MANIFOLD	1



Hydraulic Components
Stabilizing Valve

RS6-42/RS8-42/44



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102877	COMPLETE. VALVE ASSEMBLY . . 1 <i>(includes all items shown)</i>		04	103151	E-COIL 12VDC	2
02	102878	COUNTER BAL. VALVE 3700PSI . . 2		05	103152	CARTRIDGE <i>(only)</i>	2
	104820	CBV SEAL KIT	2		L99916	SEAL KIT <i>(included with cartridge)</i>	2
03	NSS	NUT <i>(included with item 5)</i>	2	06	L99917	PLUG -4ORM	2

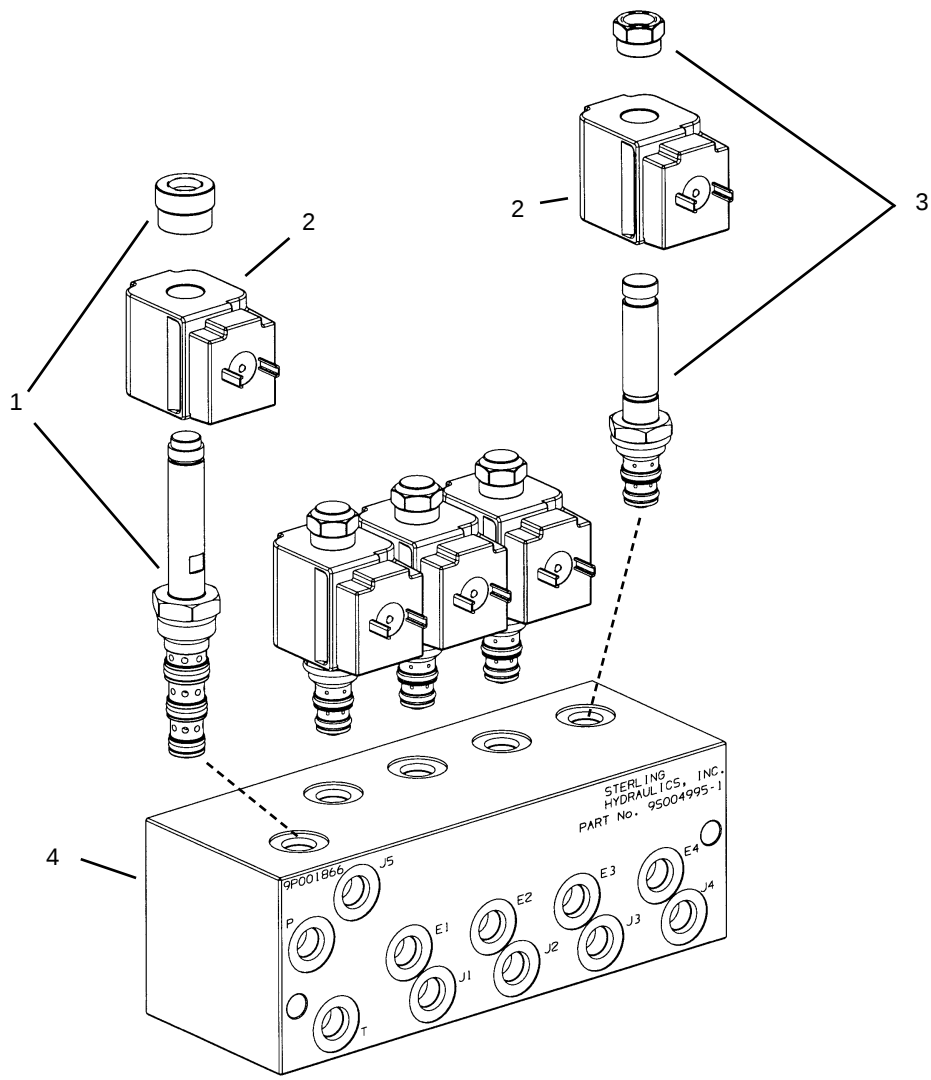
NOTE: Items included in seal kits are not shown.



Telescopic Handler

Hydraulic Components

Radio Remote Valve



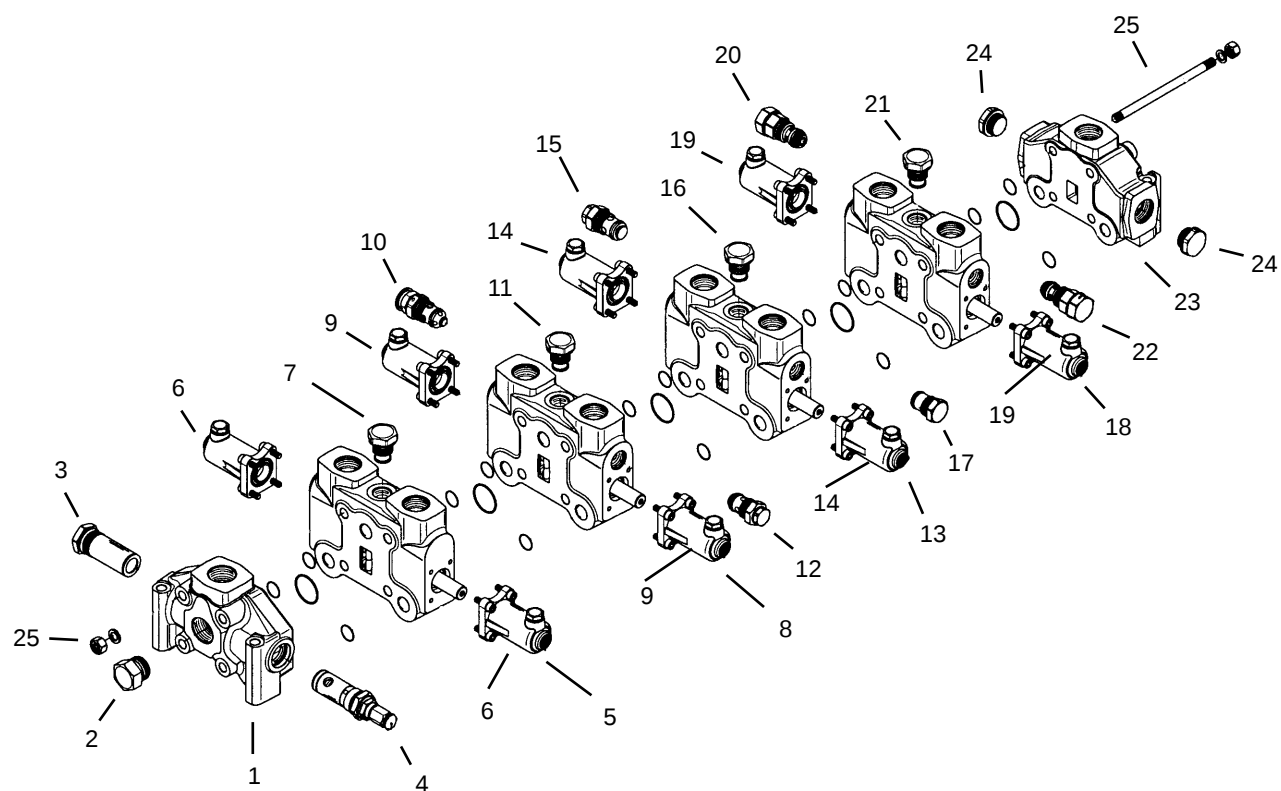
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	103413	COMPLETE VALVE..... 1					
		(includes all items shown and listed)				-- ITEMS NOT SHOWN --	
01	103508	2/4 WAY SOLENOID VALVE..... 1		00	103514	SHUTTLE VALVE	4
	103511	SEAL KIT FOR VALVE	1		103513	SEAL KIT FOR VALVE.....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



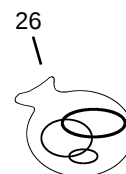
Hydraulic Components

Main Valve

RS6-42/RS8-42/44



FRONT 





Telescopic Handler

Hydraulic Components

Main Valve

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102356	COMPLETE ASY.	1	17 ^h	103047	KIT PLUG	1
01 ^a	103054	INLET SECTION (includes items 1-4)	1	18 ^e	103058	WORK SECTION (Tilt) (includes items 18-22)	1
02 ^h	103051	PLUG KIT 1-5/16" UNF	1	19 ^g	103053	HYD. CONTROL KIT	1
03 ^h	103050	PLUG KIT	1	20 ^h	103045	COMBINATED VALVE	1
04	103049	PILOT OPERATED RELIEF VLV ...	1	21 ^h	103052	CHECK VALVE	1
05 ^b	103055	WORK SECTION (Frame Level) ... (includes items 5-7)	1	22 ^h	103045	COMBINATED VALVE	1
06 ^g	103053	HYD. CONTROL KIT	1	23	103061	OUTLET SECTION (includes item 24)	1
07 ^h	103052	CHECK VALVE	1	24 ^h	103068	PLUGAR	
08 ^c	103056	WORK SECTION (Boom In/out) ... (includes items 8-12)	1	25	103059	TIE ROD KIT (4 section valve) ...	1
09 ^g	103053	HYD. CONTROL KIT	1	26 ^f	103062	SEAL KIT	1
10 ^h	103048	ANTISHOCK VALVE (140 BAR) ...	1				
11 ^h	103052	CHECK VALVE	1				
12 ^h	103046	ANTICAVITATION VALVE	1				
13 ^d	103057	WORK SECTION (Boom Up/Down) 1 (includes items 13-17)	1				
14 ^g	103053	HYD. CONTROL KIT	1				
15 ^h	103046	ANTICAVITATION VALVE	1				
16 ^h	103052	CHECK VALVE	1				

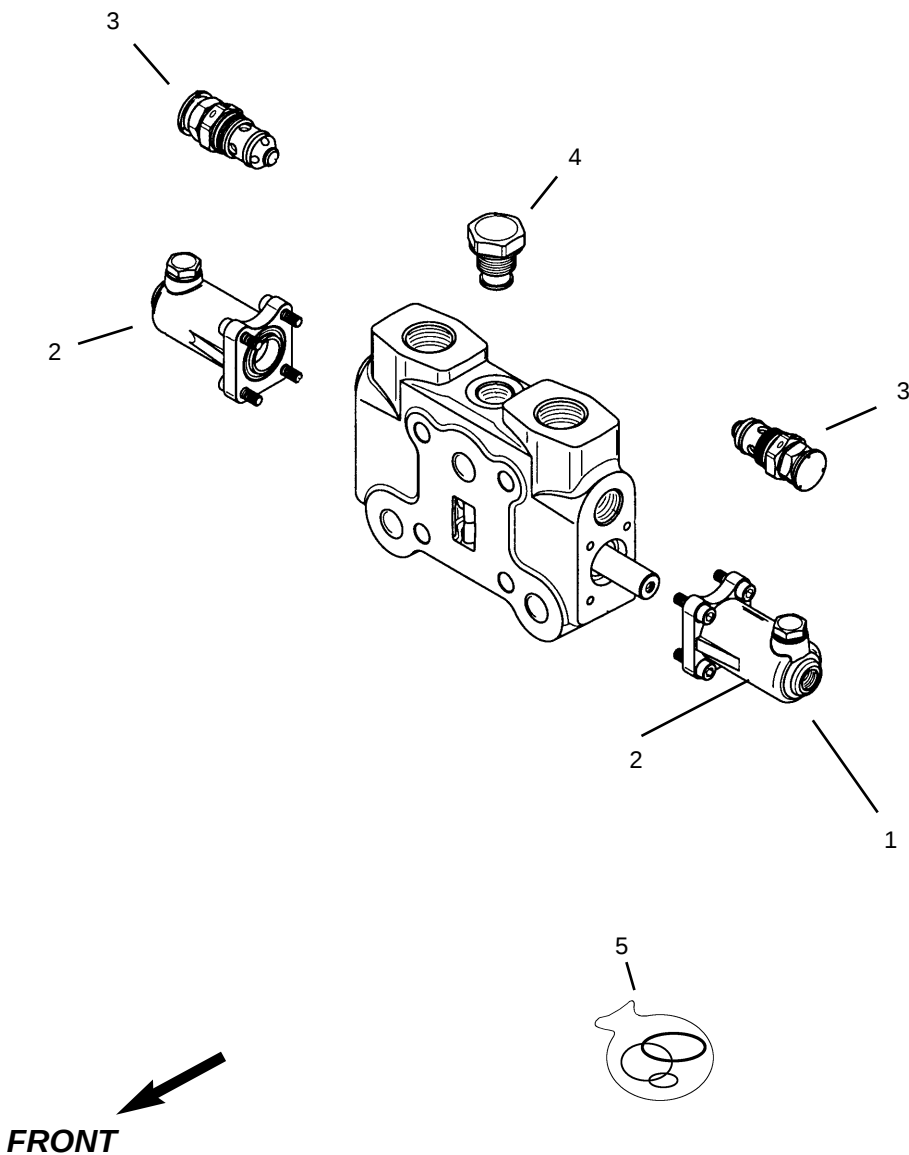
- ^a Use seal kit #103063 for all related seals.
^b Use seal kit #103075 for all related seals.
^c Use seal kit #103065 for all related seals.
^d Use seal kit #103066 for all related seals.
^e Use seal kit #103067 for all related seals.
^f Items included with seal kit are not shown in detail.
^g Includes outer caps, orings, bolts, plug and internal spool spring for this work section; does not include orings for valves/plugs or the spool.
^h Includes required seals/orings for this valve/plug. Seals/orings for this valve are not sold individually, however they are included with the work section seal kit where this valve is used.



Hydraulic Components

RS6-42/RS8-42/44

Main Valve - Auxiliary Hydraulics Work Section





Telescopic Handler

Hydraulic Components

Main Valve - Auxiliary Hydraulics Work Section

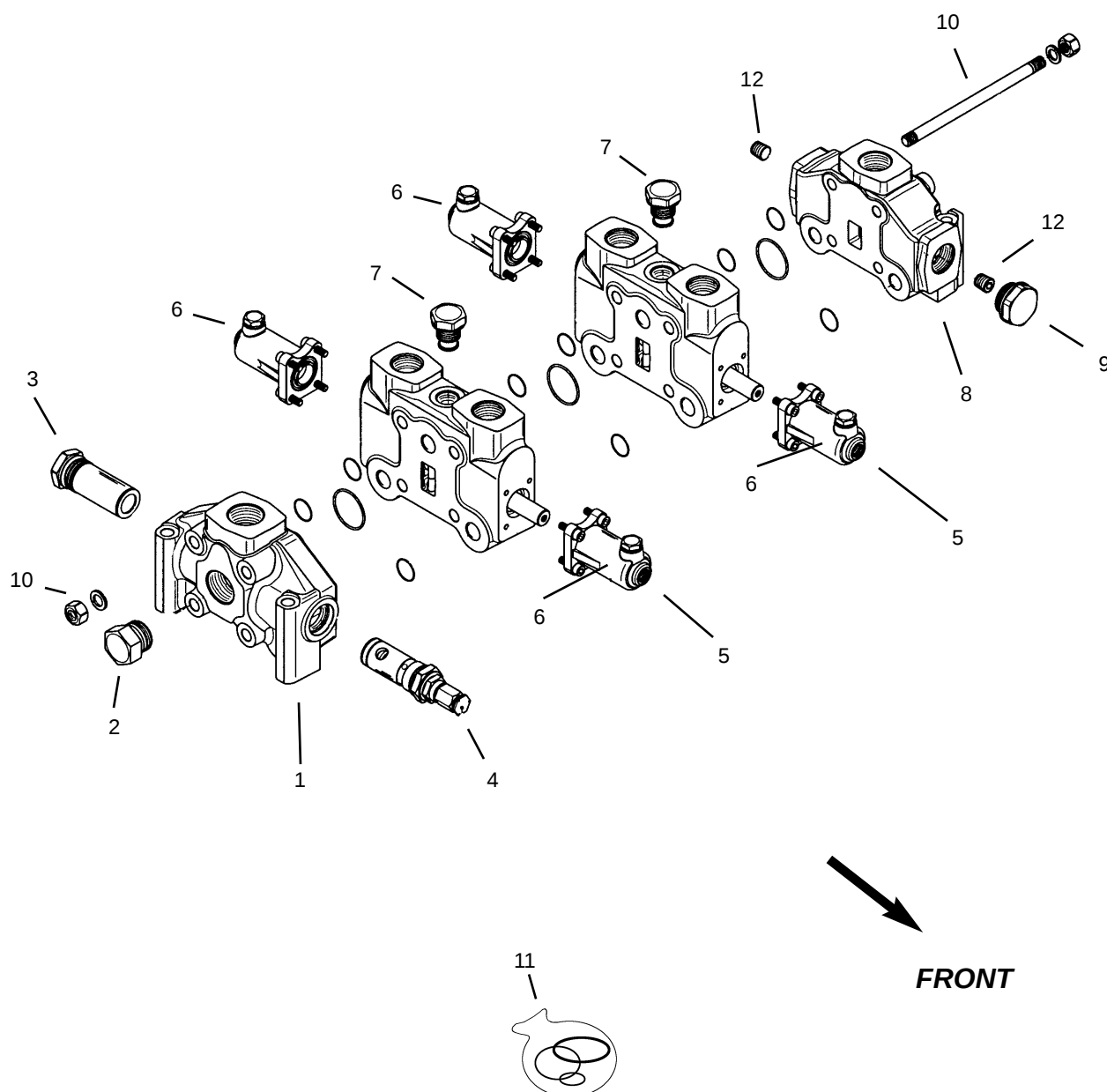
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	102420	AUXILIARY HYD WORK SECT. . . .1 <i>(includes items 1-4)</i>		00	102807	-- ITEMS NOT SHOWN -- KIT, FIVE SECTION TIE BOLT 4 <i>(includes 1 bolt, 2 nuts & 2 washers)</i>	
02 ^a	103053	HYD. CONTROL KIT1					
03 ^c	103086	ANTISHOCK VALVE1					
04 ^c	103052	CHECK VALVE1					
05 ^b	103087	SEAL KIT1		a		<i>Includes outer caps, orings, bolts, plug and internal spool spring for this work section; does not include orings for valves/plugs or the spool.</i>	
				b		<i>Items included with seal kit are not shown in detail.</i>	
				c		<i>Seals/orings for this valve are not sold individually, however they are included with the work section seal kit where this valve is used.</i>	



Hydraulic Components

Outrigger Valve

RS6-42/RS8-42/44





Telescopic Handler

Hydraulic Components

Outrigger Valve

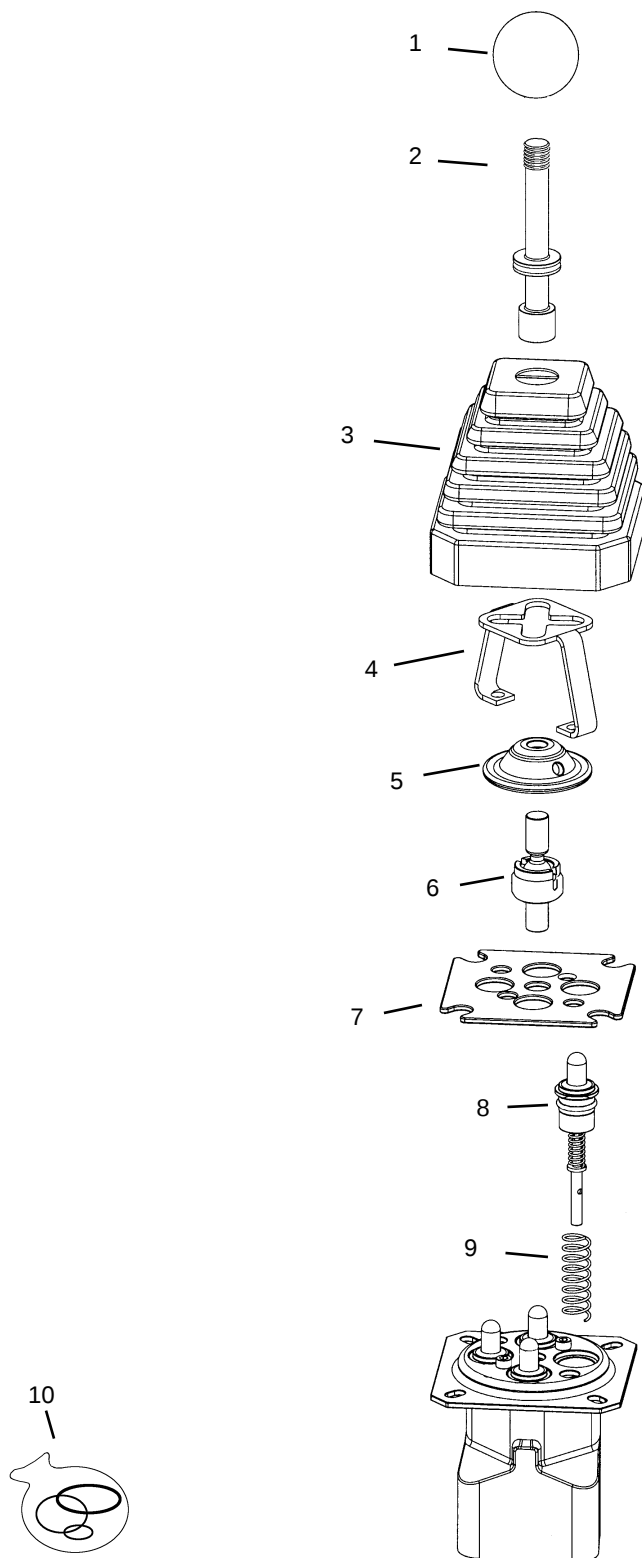
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102419	COMPLETE ASY.	1	11 ^e	103069	SEAL KIT	1
01 ^a	103070	INLET SECTION <i>(includes items 1-4)</i>	1	12	103076	3/8" CONIC PLUG	2
02 ^{cf}	103060	PLUG KIT 1-1/16" UNF	1	a	<i>Use seal kit #103074 for all related seals.</i>		
03 ^{cf}	103050	PLUG KIT	1	b	<i>Use seal kit #103075 for all related seals.</i>		
04	103049	PILOT OPERATED RELIEF VLV ...	1	c	<i>Includes orings for valve/plug.</i>		
05 ^b	103071	WORK SECTION <i>(includes items 5-7)</i>	2	d	<i>Includes outer caps, orings, bolts, plug and internal spool spring for this work section; does not include orings for valves/plugs or the spool.</i>		
06 ^d	103053	HYD. CONTROL KIT (per section) .	1	e	<i>Items included with seal kit are not shown in detail.</i>		
07 ^{cf}	103052	CHECK VALVE	1	f	<i>Seals/orings for this valve are not sold individually, however they are included with the work section seal kit where this valve is used.</i>		
08	103072	OUTLET SECTION <i>(includes item 9)</i>	1				
09 ^{cf}	103068	PLUG	AR				
10	103073	TIE ROD KIT (2 section valve) ...	1				



Hydraulic Components

RS6-42/RS8-42/44

Controller - Tilt / Frame Level (Standard)





Telescopic Handler

Hydraulic Components
Controller - Tilt / Frame Level (Standard)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102784	HYD. CONTROLLER (Complete) .	1	08	103079	METERING CURVE (as shown) . . .	4
01	103122	KNOB.	1	09	103080	RETURN SPRING.	4
02	103112	LEVER ROD (as shown).	1	10 ^a	103117	SEAL KIT.	1
03	103113	BOOT.	1				
04	102674	LOCK GATE	1				
05	103114	SELECTOR DISC	1				
06	103115	PIVOT/ BALL JOINT	1				
07	103116	PLATE / BOOT MOUNT	1				

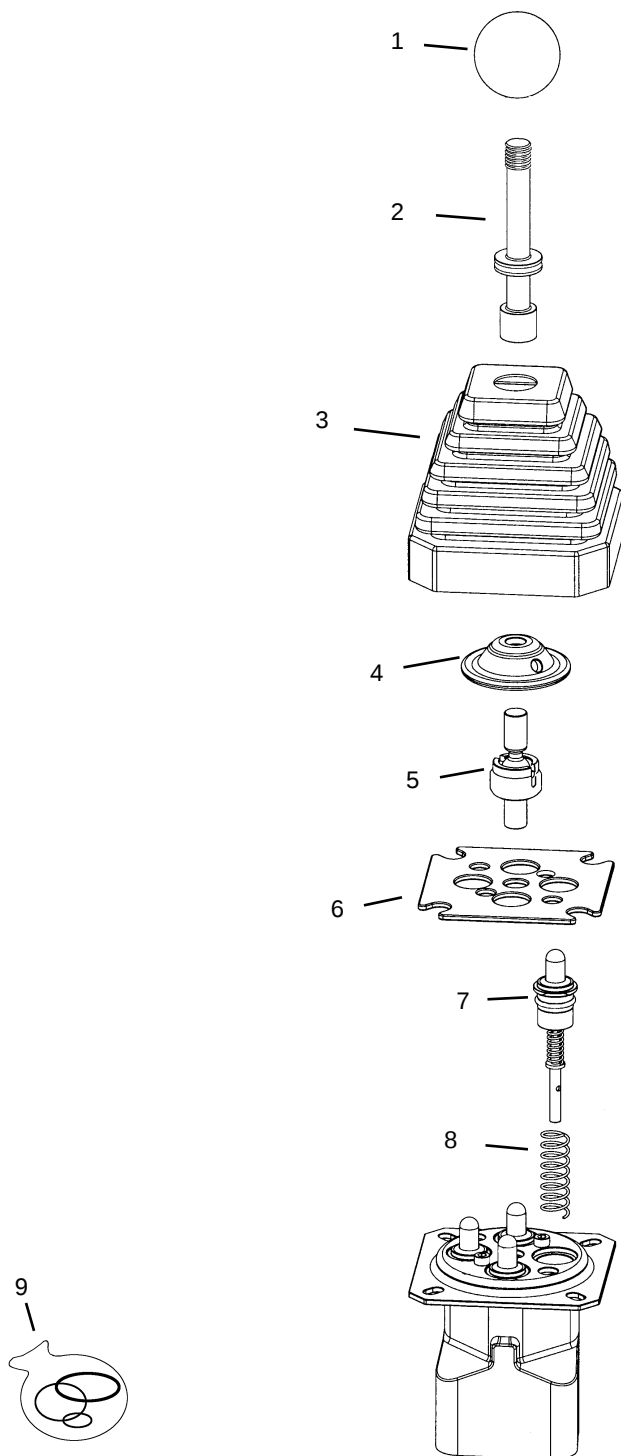
a Items included in seal kit are not shown.



Hydraulic Components

RS6-42/RS8-42/44

Controller - Boom Lift / Extend (Standard)





Telescopic Handler

Hydraulic Components

Controller - Boom Lift / Extend (Standard)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102434	HYD. CONTROLLER <i>(Complete)</i>	1	07	103079	METERING CURVE <i>(as shown)</i>	4
01	103122	KNOB	1	08	103080	RETURN SPRING	4
02	103112	LEVER ROD <i>(as shown)</i>	1	09 ^a	103117	SEAL KIT	1
03	103113	BOOT	1				
04	103114	SELECTOR DISC	1				
05	103115	PIVOT/ BALL JOINT	1				
06	103116	PLATE /BOOT MOUNT	1				

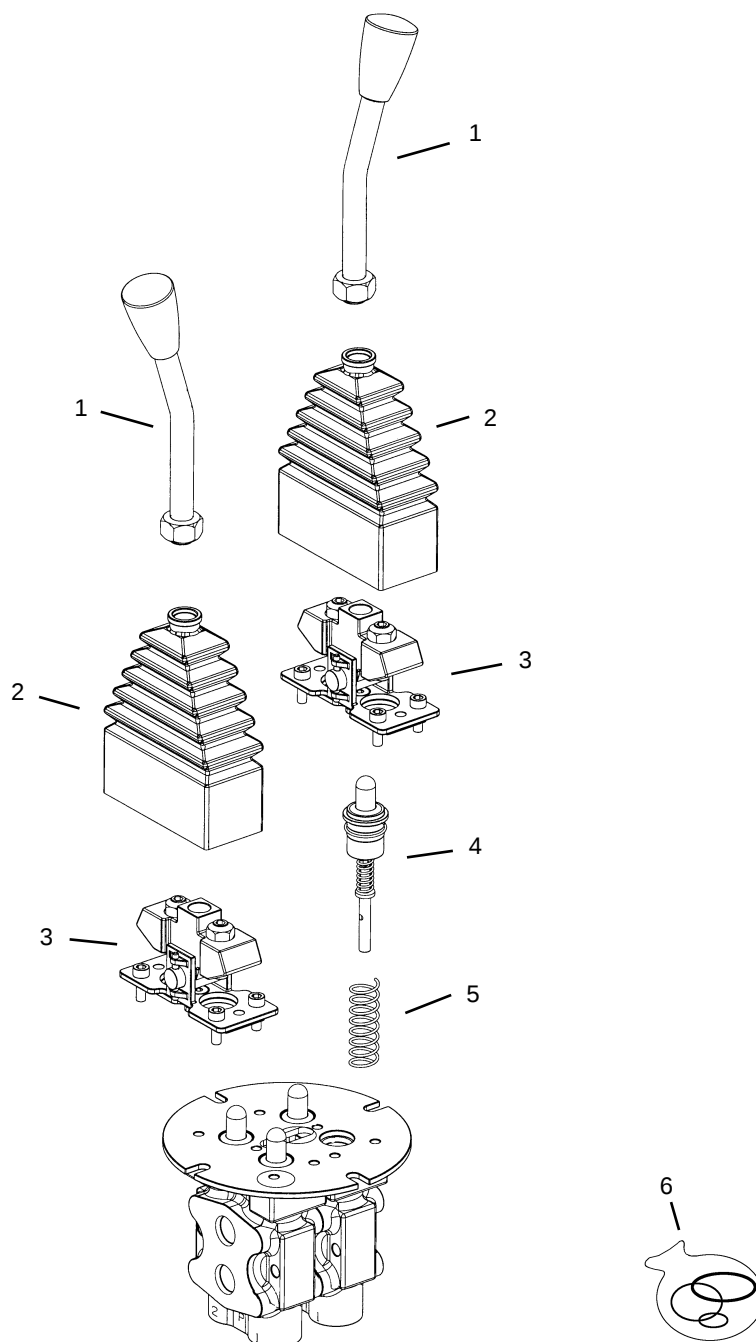
^a Items included in seal kit are not shown.



Hydraulic Components

Controller - Outrigger (Option)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulic Components *Controller - Outrigger (Option)*

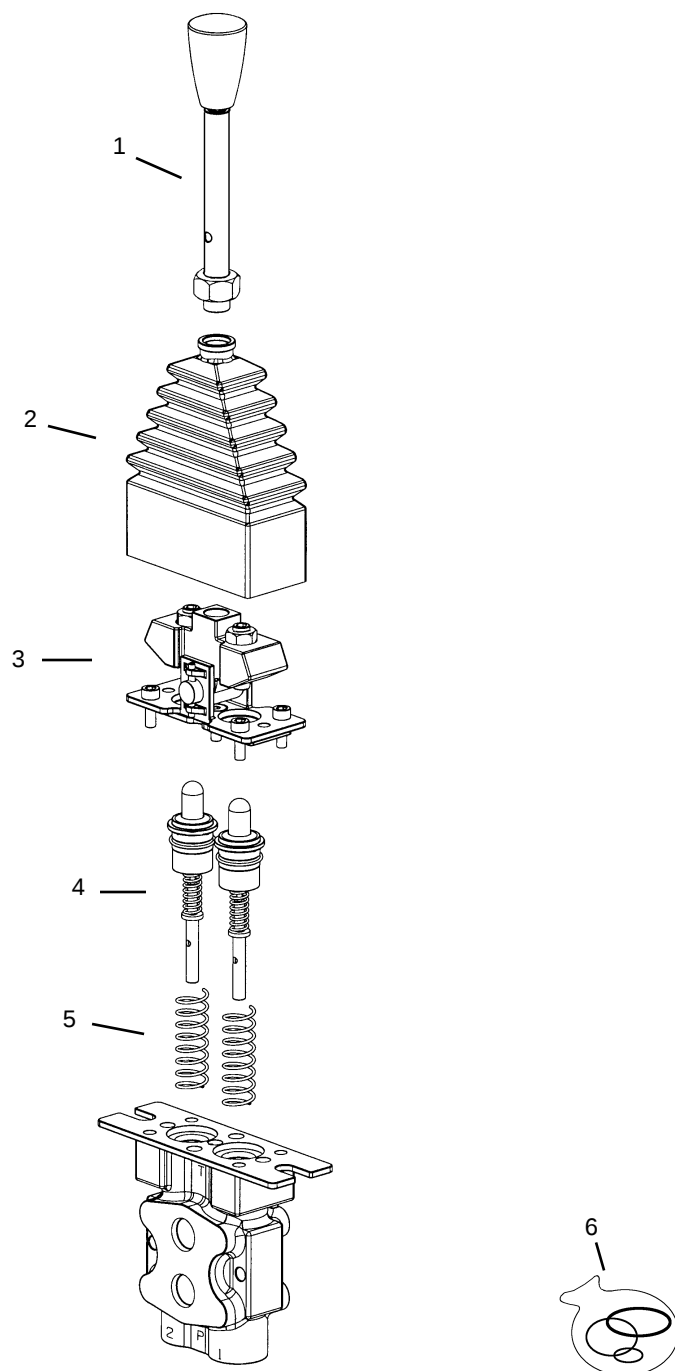
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102436	COMPLETE VALVE ASY.	1	04	103079	METERING CURVE <i>(as shown)</i> . . .	4
01	103081	LEVER ROD <i>(as shown)</i>	2	05	103080	RETURN SPRING	4
02	103084	BOOT <i>(included with item #3)</i>	2	06 ^a	103082	SEAL KIT	1
03	103078	CONTROL KIT <i>(includes item #2 Boot)</i>	2				
				<i>a Items included in seal kit are not shown.</i>			



Hydraulic Components

RS6-42/RS8-42/44

Controller - Auxiliary Hydraulics (Standard) - Frame Level (Tri-Function)





Telescopic Handler

Controller - Auxiliary Hydraulics (Standard) - Frame Level (Tri-Function)

Hydraulic Components

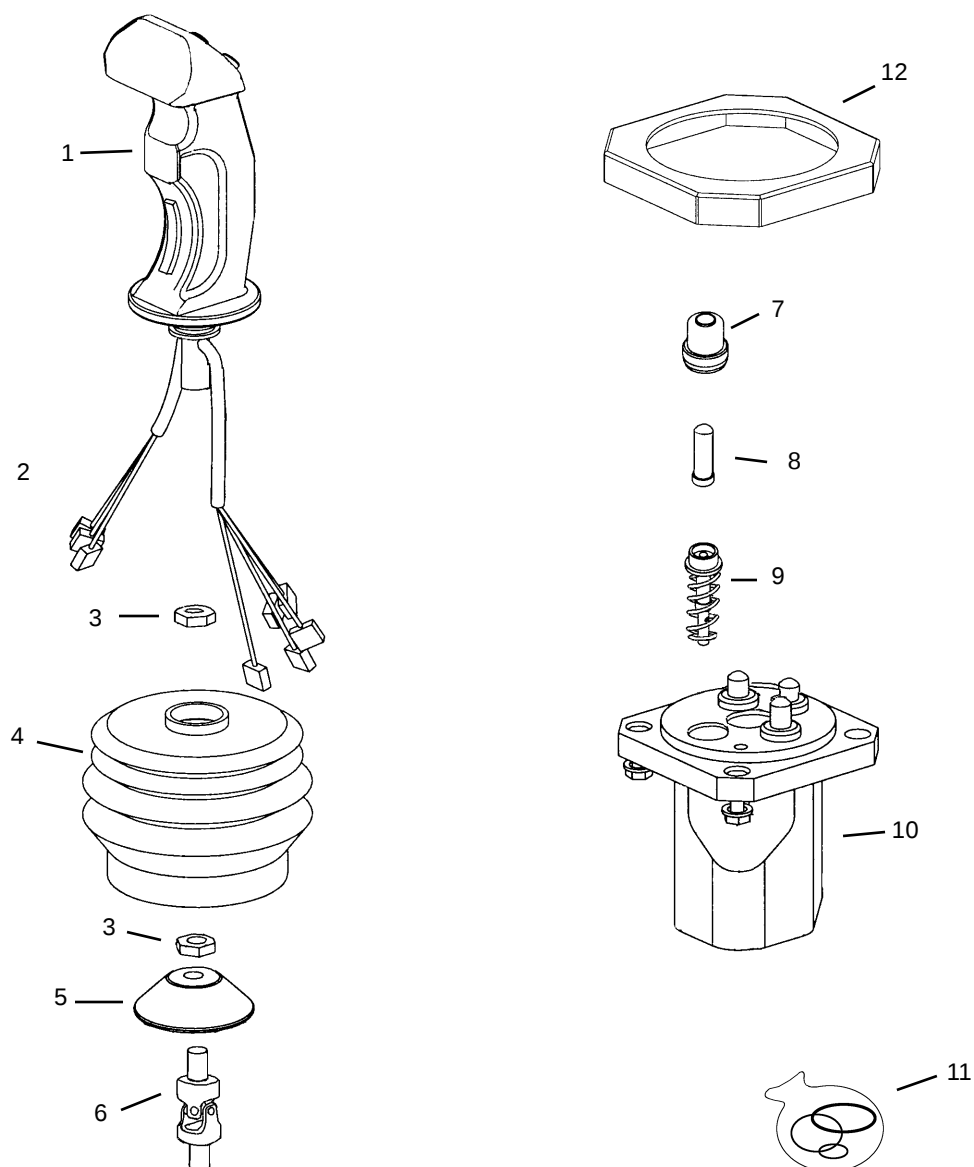
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	102435	COMPLETE VALVE ASY.	1	05	103080	RETURN SPRING.	2
01	103077	LEVER ROD (as shown)	1	06 ^a	103083	SEAL KIT.	1
02	103084	BOOT (included with item #3)	1				
03	103078	CONTROL KIT.	1				
		(includes item #2 Boot)		a	Items included in seal kit are not shown.		
04	103079	METERING CURVE (as shown) . . .	2				



Hydraulic Components

Controller - Tri-Function (Option)

RS6-42/RS8-42/44





Telescopic Handler

Hydraulic Components *Controller - Tri-Function (Option)*

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	104083	JOYSTICK 4BUTTN/TRIGGER . . .	1	08	L500690	HPV SPINDLE 10mm	4
01	L500371	HANDLE W/4 BUTTONS	1	09	104223	PILOT SPRING PACK C059	4
02	L62761	WIRE CONNECTOR	8	10	NSS	BODY ASSEMBLY	1
03	L500688	NUT M10 UNI	2	11 ^a	L500653	SEAL REPAIR KIT	1
04	L500656	RUBBER BOOT	1	12	104304	BEZEL, JOYSTICK	1
05	L500689	SELECTOR DISC	1				
06	L500652	UNIVERSAL JOINT	1				
07	L500692	SPINDLE GUIDE ASSEMBLY	4				

a Items included in the seal kit are not shown.

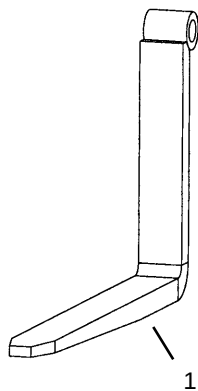


Attachments

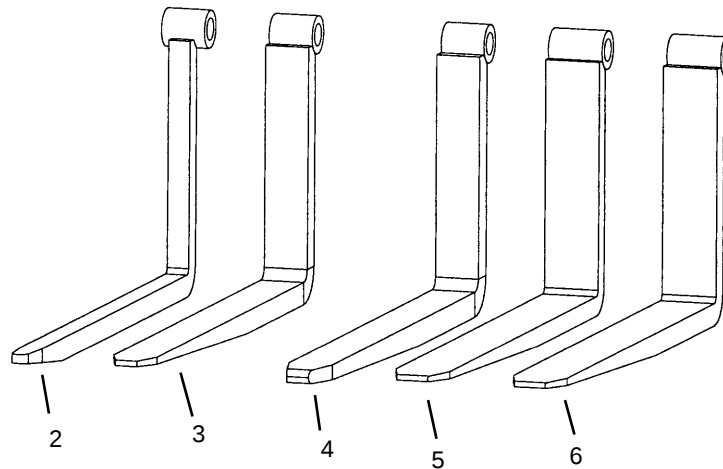
Carriage Forks

RS6-42/RS8-42/44

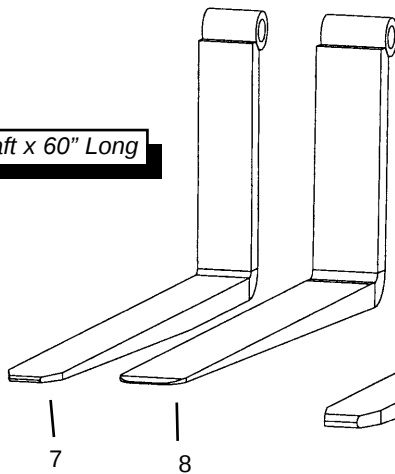
2" Shaft x 42" Long



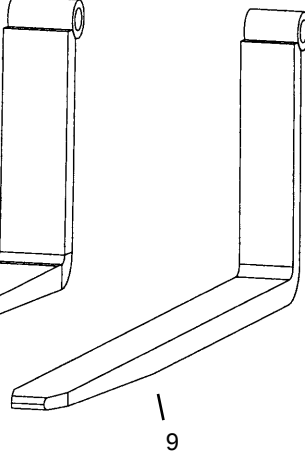
2" Shaft x 48" Long



2" Shaft x 60" Long



2" Shaft x 72" Long





Telescopic Handler

Attachments
Carriage Forks

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
-- 2" FORK SHAFT DIAMETER --				06	L47263	FORK, 48"X5"X2" (10,500 lbs.) . . .	2
01	L71350	FORK, 42"X4"X2" (8,400 lbs.)	2	07	L47265	FORK, 60"X5"X2" (10,500 lbs.) . . .	2
02 ^a	L61001	FORK, 48"X2"X2" (4,200 lbs.)	4	08	L60961	FORK, 60"X6"X2-1/4" (12,500 lbs.) .	2
03	L61017	FORK, 48"X4"X2" (8,400 lbs.)	2	09	L68331	FORK, 72"X5"X2" (10,500 lbs.) . . .	2
04	L66406	FORK, 48"X4"X2-1/4" (12,000 lbs.) .	2	<i>a Requires 2 sets (4 forks).</i>			
05	L400929	FORK, 48"X5"X1-3/4" (8,500 lbs.) . .	2				

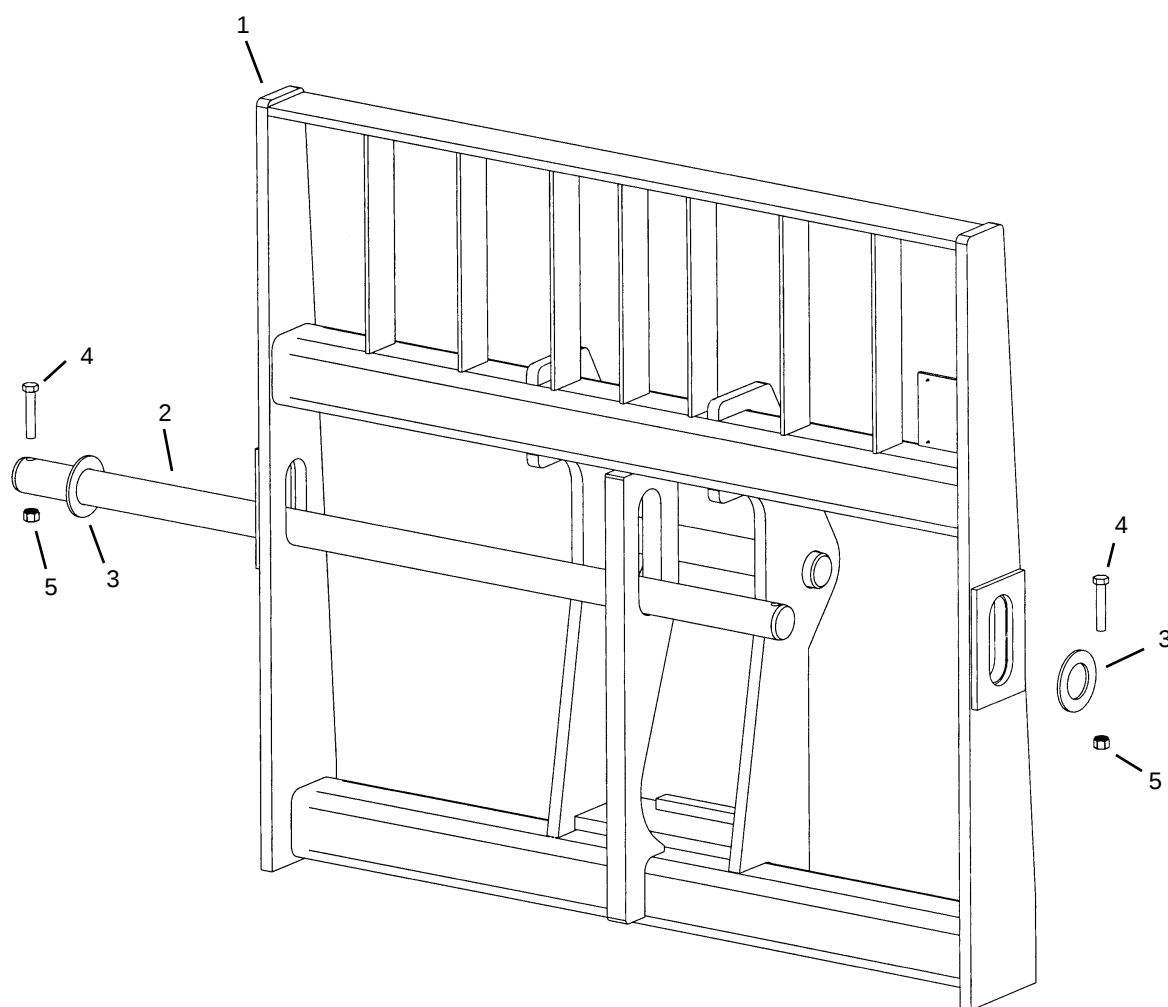
Note: Ratings are based on 2 forks and the load at 24" on center, except for item 2, for which 4 forks are required.



Attachments

Standard Carriage

RS6-42/RS8-42/44





Telescopic Handler

Attachments

Standard Carriage

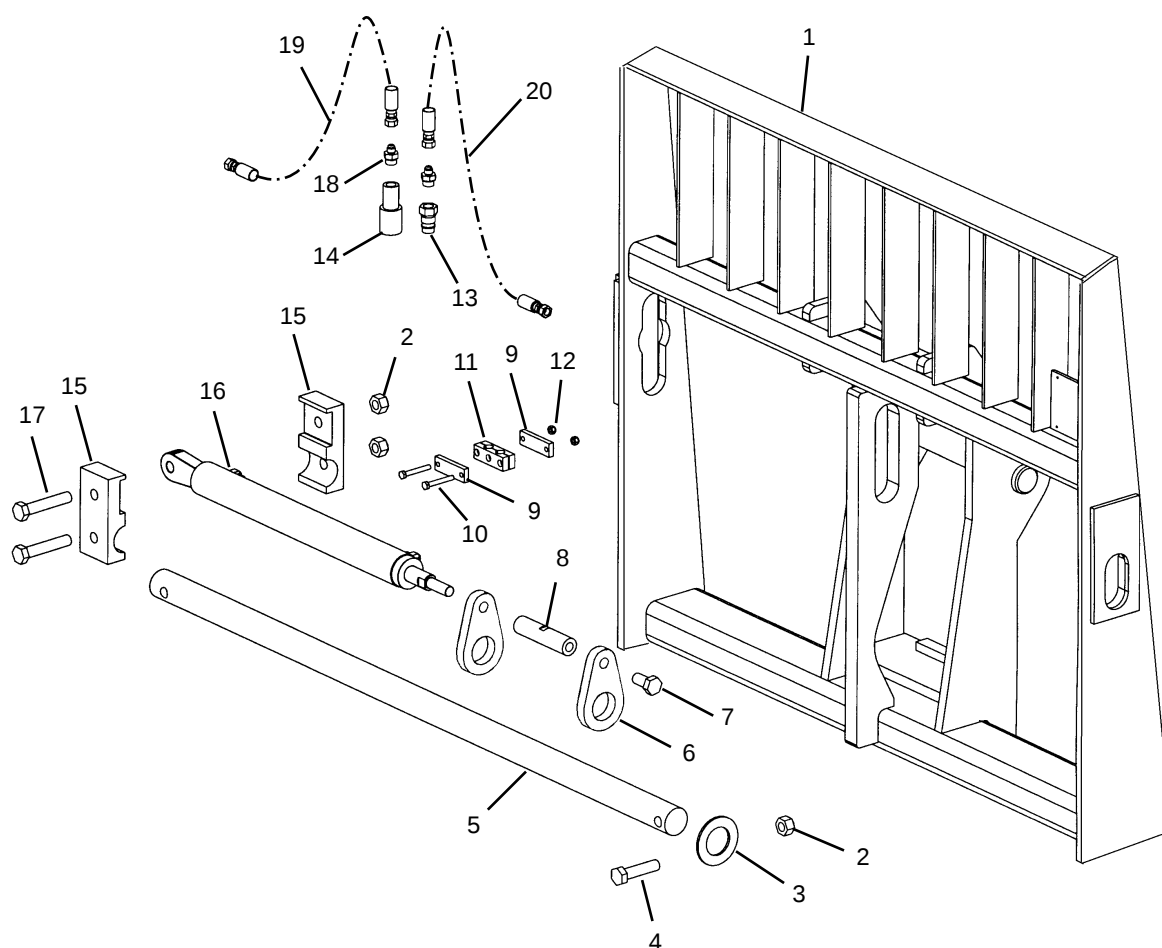
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE WELDMENT	1	03	L400425	FORK SHAFT WASHER	2
	L99190	48" (2" pin)	1	04	L510003	BOLT, 1/2"X2-3/4" BOLT	2
	L99191	66" (2" pin)	1	05	L520019	1/2"-13 NYLON INSERT NUT	2
02		FORK SHAFT BAR	1				
	L65223	(2"X51-1/2")	1				
	L64561	(2"X69-1/2")	1				



Attachments

Fork Shift Carriage

RS6-42/RS8-42/44





Telescopic Handler

Attachments Fork Shift Carriage

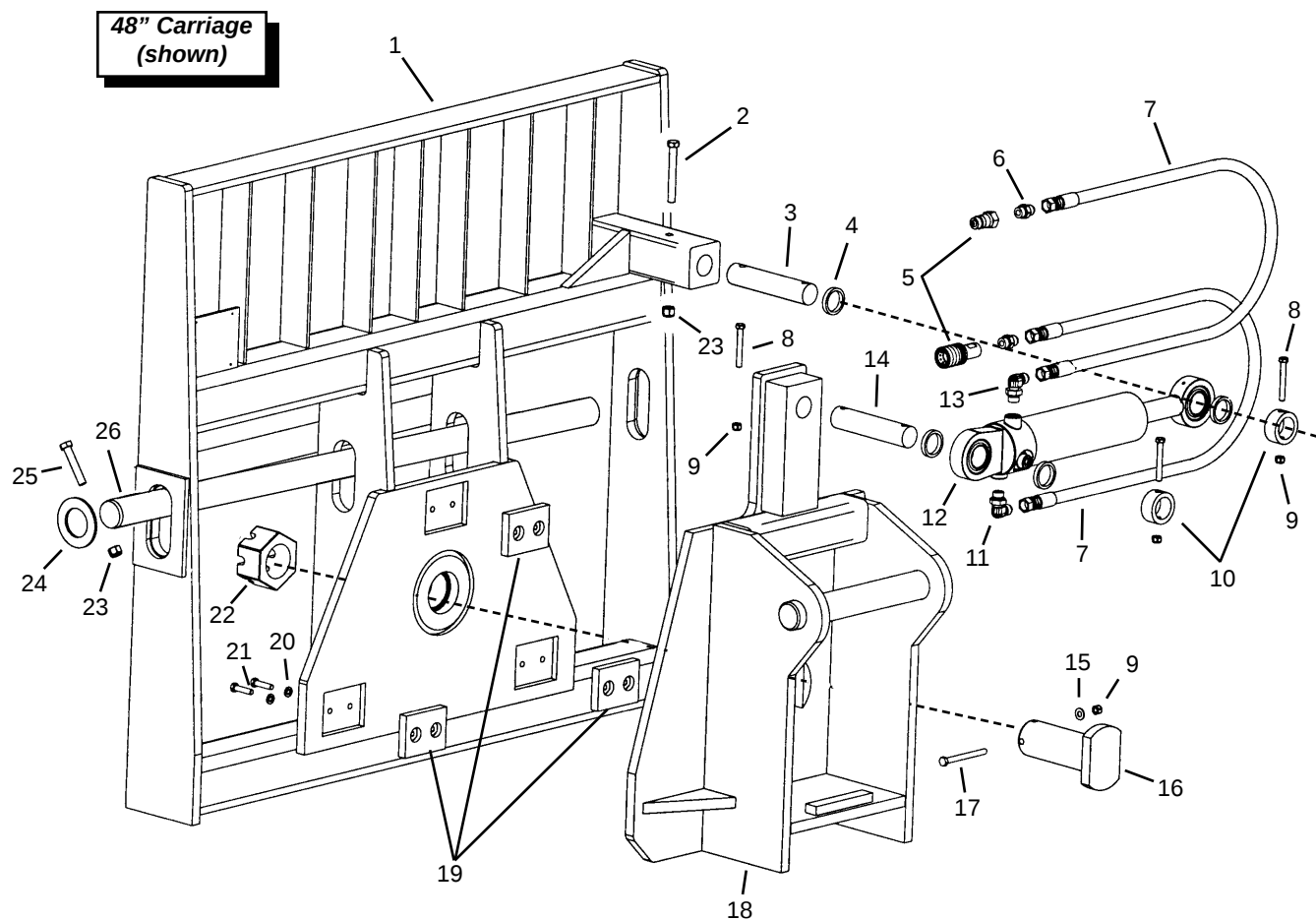
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500213	FORK SHIFT CARRIAGE	1	14 ^b	NSS	COUPLER, FEMALE	1
02	L50519	3/4"-10 NYLON INSERT NUT	3	15	L66918	CYLINDER MOUNT	2
03	L400425	FORK SHAFT WASHER	1	16	L68337	FORK SHIFT CYLINDER	1
04	L50333	3/4"-10X3" BOLT	1	17	L50562	3/4"-10X4" BOLT	2
05	L66919	FORK SHAFT, 50"	1	18	L63143	ADAP -8ORM -6JICM W/.06 ORF .	2
06	L66931	FORK SLIDE PLATE	2	19	L66950	HOSE -6 A6/A6 59"	1
07	L50875	3/4"-10X1-1/2" BOLT	1	20	L66949	HOSE -6 A6/A6 56"	1
08	Note a	FORK SLIDE COUPLER	1				
09	L63715	TWIN CUSHION TOP PLATE	2	a	For 4" wide forks use P/N L66921. For 5" wide forks use P/N L66948.		
10	L50242	5/16"-18X2-1/4" BOLT	2				
11	L63716	TWIN HOSE CUSHION	1				
12	L520004	5/16"-18 NYLON INSERT NUT	2	b	Order P/N L65273 Coupler Set.		
13 ^b	NSS	COUPLER, MALE	1				



Attachments

Rotating Carriage

RS6-42/RS8-42/44





Telescopic Handler

Attachments Rotating Carriage

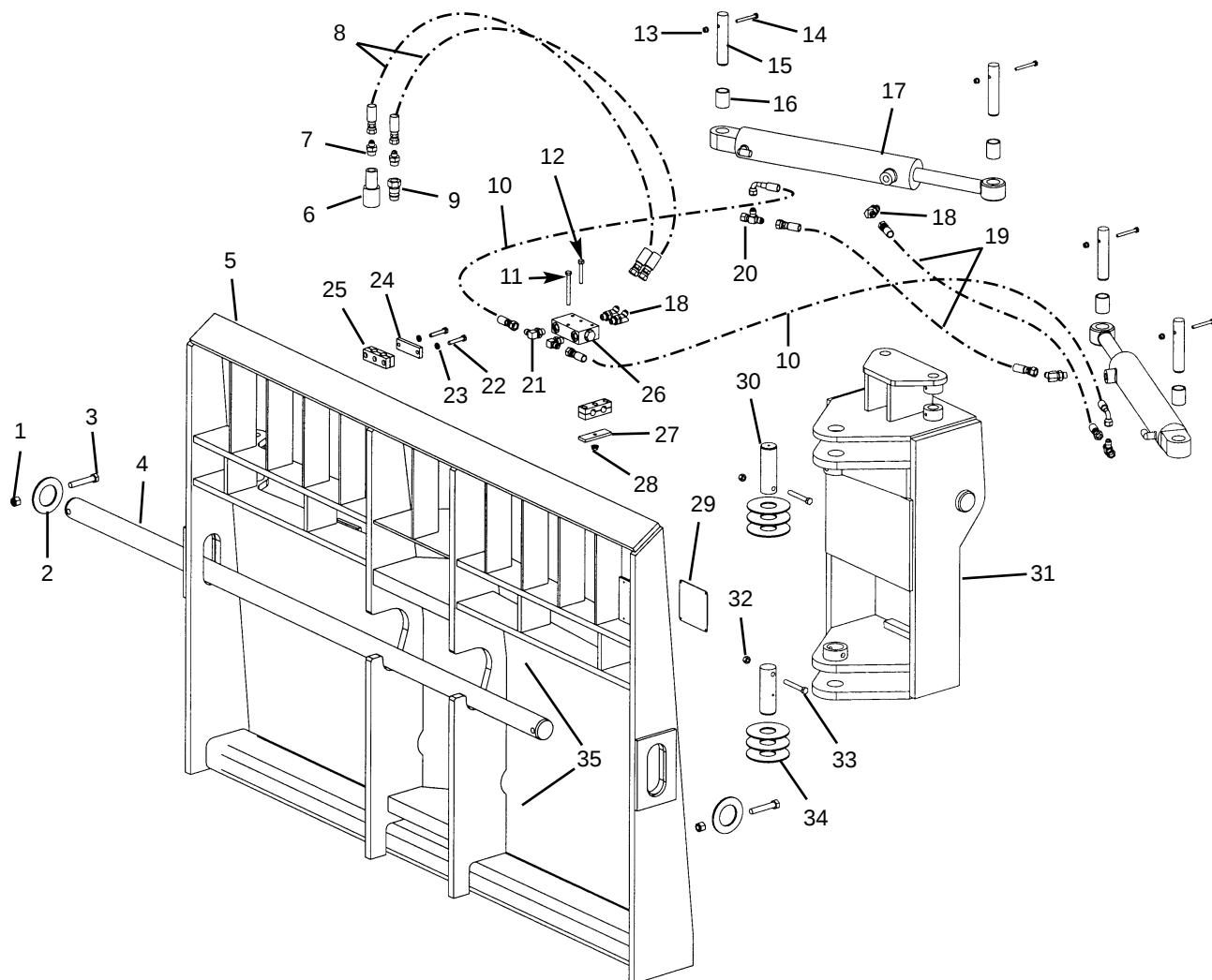
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		CARRIAGE, ROTATING	1	15	L50145	3/8" FLAT WASHER	AR
	103517	(48" Carriage) 2" dia. fork shaft		16	101003	ROTATOR PIN.	1
	103518	(66" Carriage) 2" dia. fork shaft		17	L50801	3/8"X4" BOLT.	1
02	L50982	1/2"X4" BOLT.	1	18	101999	ROTATOR PLATE WELDMENT . . .	1
03	L65181	PIN, ROTATOR ROD END	1	19	L61709	SLIDE PAD	3
04	L61307	SPACER	4	20	L50147	3/8" LOCK WASHER.	6
05	L65273	QUICK COUPLER SET.	1	21	L50261	3/8"X1-1/2" BOLT	6
06	L444004	ADAP -8ORM -8JICM STR	2	22	L50718	2-1/2"-12 CASTELL NUT.	1
07	L64294	HOSE -8 A8/A8 53"	2	23	L520019	1/2"-13 NYLON INSERT NUT	4
08	L50273	3/8"X2-3/4" BOLT	3	24	L400425	FORK SHAFT WASHER (2" ID) . . .	2
09	L520005	3/8"-16 NYLON INSERT NUT . . .	AR	25	L510003	BOLT, 1/2"X2-3/4"	2
10	L62026	LOCK COLLAR 1.5" OD	2			(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				



Attachments

Swing Carriage

RS6-42/RS8-42/44





Telescopic Handler

Attachments

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	18	L445004	ADAP -6ORM -6JICM 45.	4
02	L400425	FORK SHAFT WASHER	2	19	100631	HOSE -4 A6/A6 36"	2
03	L510003	1/2"X2-3/4" BOLT	2	20	L446049	ADAP -6JICFS -6JICM TEE	2
04	L64561	FORK SHAFT BAR (66" Carriage) . .	1	21	L445003	ADAP -6ORM -6JICM 90.	2
05	L500216	66" CARRIAGE, SWING	1	22	L50561	5/16"-18X1-3/4" BOLT	2
06 ^a	NSS	COUPLER, FEMALE	1	23	L50143	5/16" LOCK WASHER	2
07	L63143	ADAP -8ORM -6JICM STR W.06 . .	2	24	L63715	TWIN CUSH. TOP PLATE	1
08	L66958	HOSE -6 A6/A6 89"	2	25	L63716	TWIN HOSE CUSHION.	2
09 ^a	NSS	COUPLER, MALE	1	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"X3" BOLT	1	28	L50056	5/16" FLARE NUT	2
12	L50835	5/16"X2" BOLT	1	29	NSS	NAME PLATE	1
13	L520003	1/4" NYLON INSERT NUT	4	30	L63994	PIN, CARRIAGE PIVOT	2
14	L50452	1/4"X2-1/4" BOLT	4	31	L70719	SWING PIVOT WELDMENT	1
15	L63995	PIN, SWING CYLINDER	4	32	L520005	3/8"-16 NYLON INSERT NUT	2
16	L63593	BUSHING	4	33	L50273	3/8"-16X2-3/4" BOLT	2
17	L63970	SWING CYLINDER	2	34	L63951	THRUST WASHER	6
				35	L63468	BUSHING, CARRIAGE PIVOT	2
						(Not shown)	

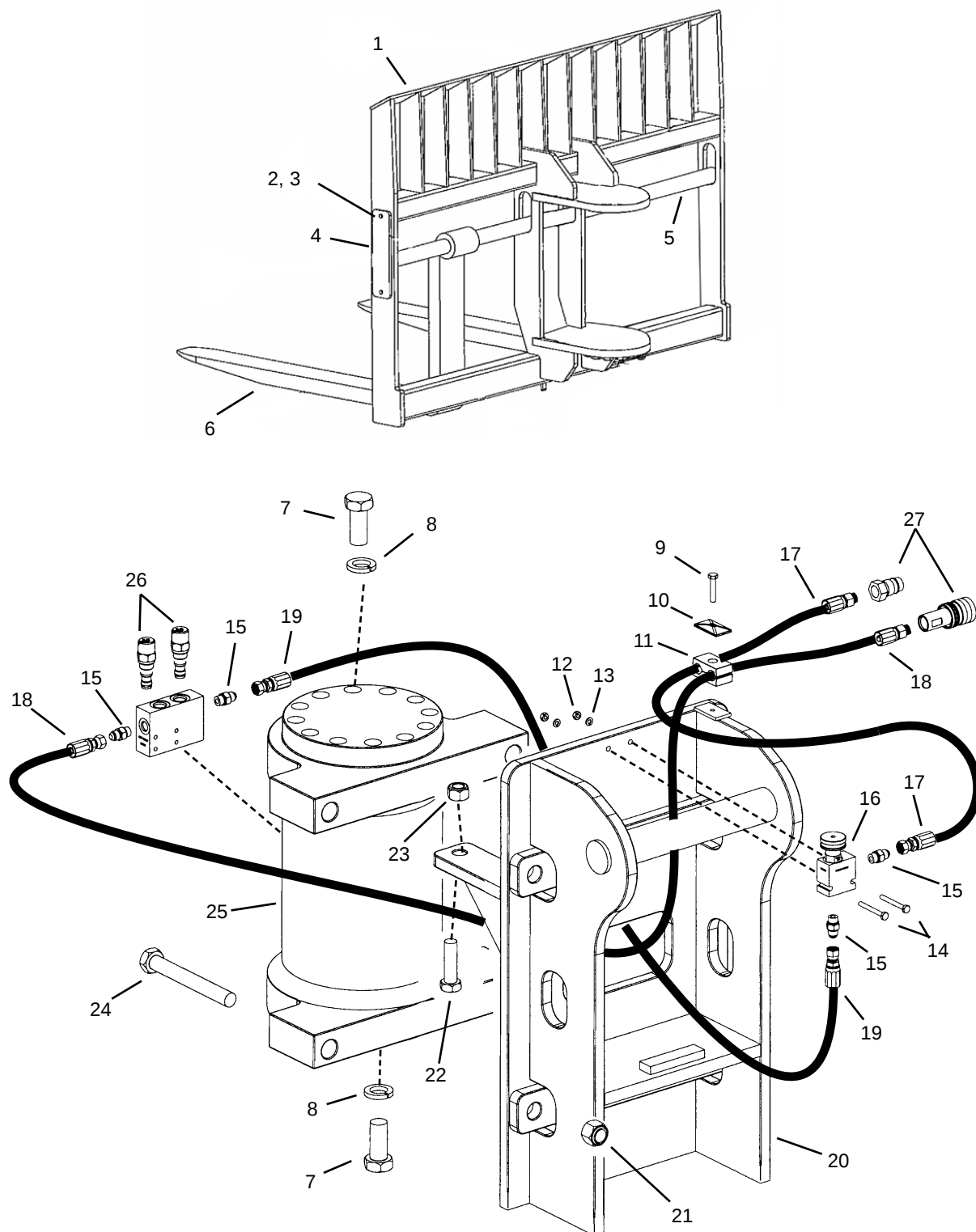
^a Order P/N L65273 Coupler Set.



Attachments

180° Swing Carriage

RS6-42/RS8-42/44





Telescopic Handler

Attachments 180° Swing Carriage

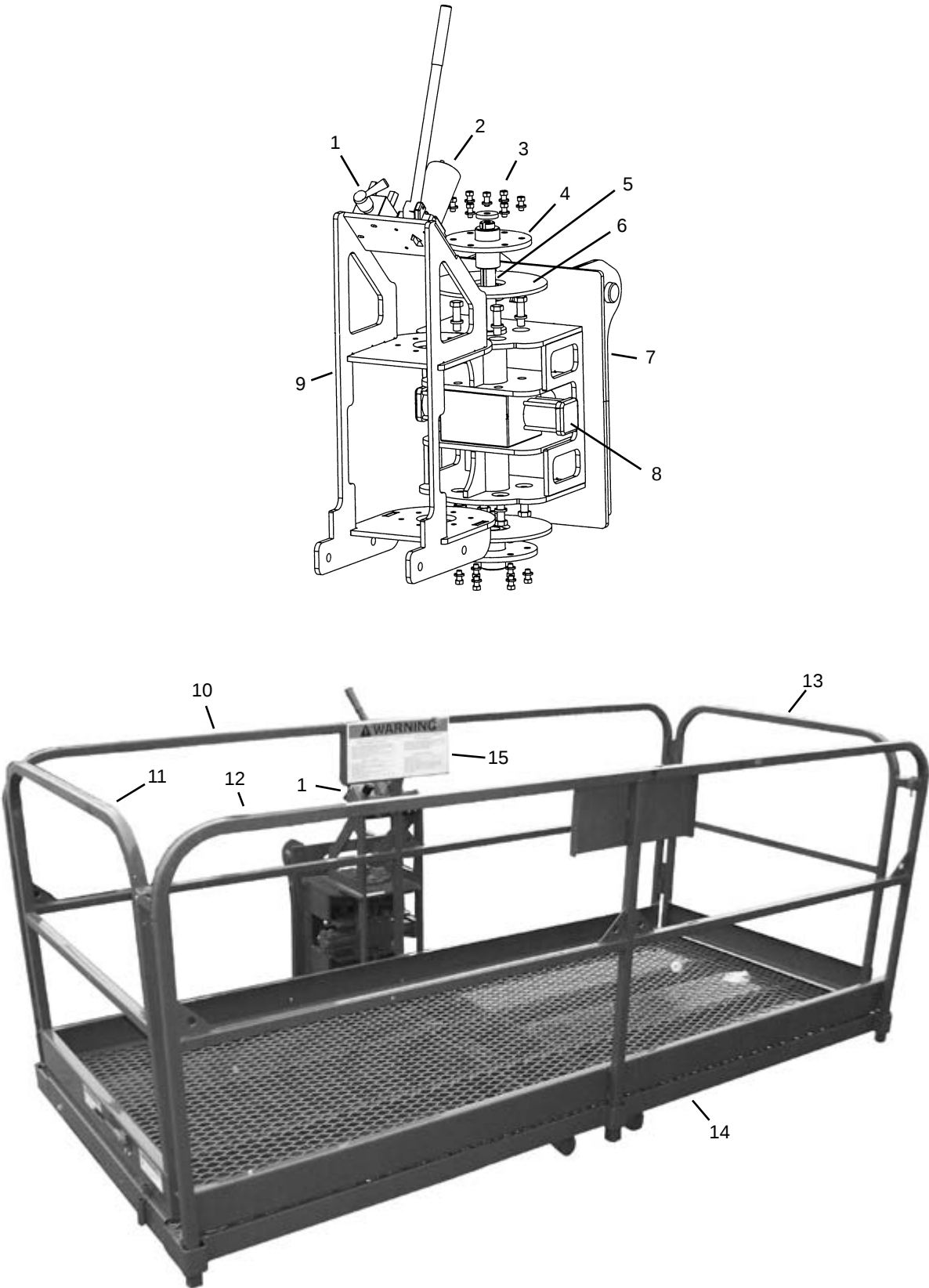
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	105176	CARRIAGE WELDMENT	1	17	105188	HOSE, -6 A6/E8 46"	1
02	650500	BOLT, 3/4"X1-1/2"	2	18	105187	HOSE, -6 A6/E8 80"	1
03	L50158	WASHER, 3/4" LOCK	2	19	105189	HOSE, -6 A6/A6 32"	1
04	105180	SHAFT PLATE.	1	20	105177	BACK BRACKET WELDMENT	1
05	105179	FORK SHAFT, 2"	1	21	105186	NUT, 7/8"-9 NYLON INSERT.	4
06	Note a	FORK.	2	22	650416	BOLT, 3/4"X2-1/2"	2
07	103904	BOLT, 1"X2-14" GR8	AR	23	L50519	NUT, 3/4" NYLON INSERT	2
08	L50162	WASHER, 1" LOCK	AR	24	105184	BOLT, 7/8"-9X7" GR5	4
09	L50842	BOLT, 5/16"X1-1/2"	1	25	105178	ACTUATOR.	1
10	L69833	TOP PLATE	1	26	105182	PILOT CHECK VALVE.	2
11	L69832	CUSHION, 5/8" DOUBLE	1		105190	SEAL KIT	AR
12	L50053	NUT, 1/4"	2	27	L65273	COUPLER SET	1
13	L50139	WASHER, 1/4" LOCK	2				
14	L50452	BOLT, 1/4"X2-1/4"	2				
15	L444002	ADAP., -6JICM -6ORM STR.. . . .	4				
16	105181	VALVE, FLOW CONTROL	1				

a Use any fork with a 2" diameter shaft. Refer to the Fork section, under Attachments, in this manual for a listing of fork part numbers.



Attachments
180° Swing Platform

RS6-42/RS8-42/44





Telescopic Handler

Attachments 180° Swing Platform

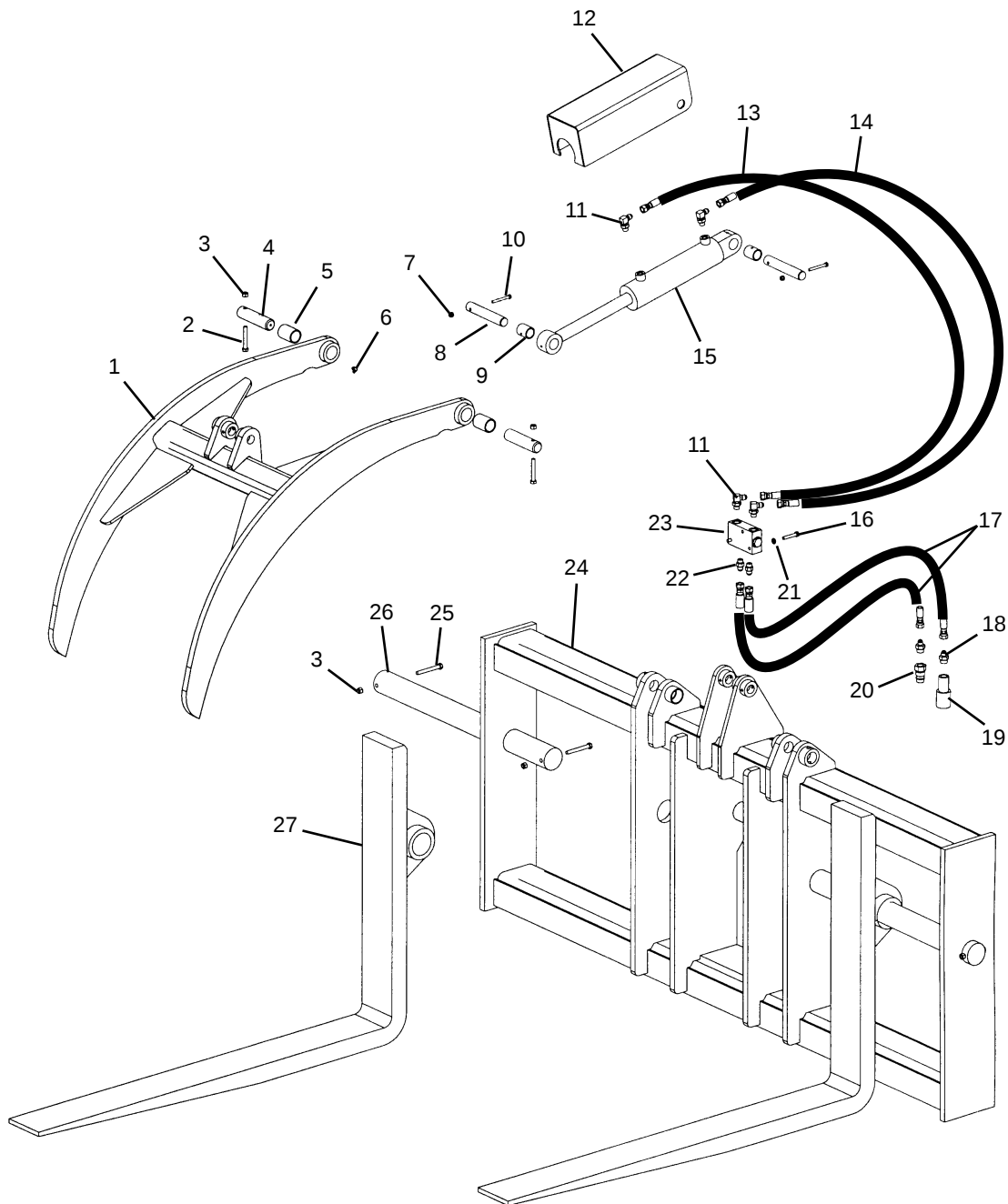
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	104478	VALVE ASSEMBLY	1	15	100883	DECAL, PLATFORM RULES	2
02	104477	PUMP ASSEMBLY	1				
03	104476	HARDWARE KIT (<i>pivot</i>)	1			-- ITEMS NOT SHOWN --	
04	104471	HUB ASSEMBLY	2	00	104470	HOSE KIT	1
05	104469	SHAFT AND KEY ASSEMBLY	1	00	103911	PIN AND CHAIN KIT	1
06	104475	THRUST PLATE	2	00	103910	HARDWARE KIT (<i>platform bolts</i>)	1
07	104474	BACK HALF (<i>attachment</i>)	1	00	101149	DECAL, FALL HAZARD	2
08	104468	ACTUATOR	1				
09	104472	FRONT HALF	1			(Loadchart / 180° swing carriage)	
10	103909	BACK SIDE	1	00	103768	LOAD CHART (<i>RS6-42</i>)	1
11	103906	RIGHT DOOR	1	00	103768	LOAD CHART (<i>RS8-42</i>)	1
12	103908	FRONT SIDE	1	00	103768	LOAD CHART (<i>RS8-44</i>)	1
13	103907	LEFT DOOR	1	00	L63634	PLATE/ LOADCHART	2
14	104467	BASE	1				



Attachments

RS6-42/RS8-42/44

Dynattach® Log / Pipe Carriage



**Telescopic Handler****Attachments*****Dynattach® 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	L50371	3/8"X2-1/2" BOLT	2	16	L50561	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/ORF	2
05	L61866	BUSHING	2	19 ^a	NSS	COUPLER, FEMALE	1
06	L10057	1/4-28 GREASE ZERK 90 DEG	2	20 ^a	NSS	COUPLER, MALE	1
07	L520003	1/4" NYLON INSERT NUT	2	21	L50143	5/16" LOCKWASHER	2
08	L66811	GRAPPLE CYLINDER PIN	2	22	L444002	ADAP -6ORM -6JICM	2
09	L63593	BUSHING	2	23	L65689	VALVE, DOUBLE PORT CHECK	1
10	L50452	1/4X2-1/4" BOLT	2	24	L500220	LOG CARRIAGE WELDMENT	1
11	L445003	ADAP -6ORM -6JICM 90 DEG	4	25	L50275	3/8"-16X3" BOLT	4
12	L67495	CYLINDER COVER	1	26	L66809	LOG FORK SHAFT	2
13	L67598	HOSE -4 A6/A6 32"	1	27		LOG FORK WELDMENT	2
14	L67599	HOSE -4 A6/A6 20"	1		L66805	2"x5"x48"	
					100547	2"x5"x60"	

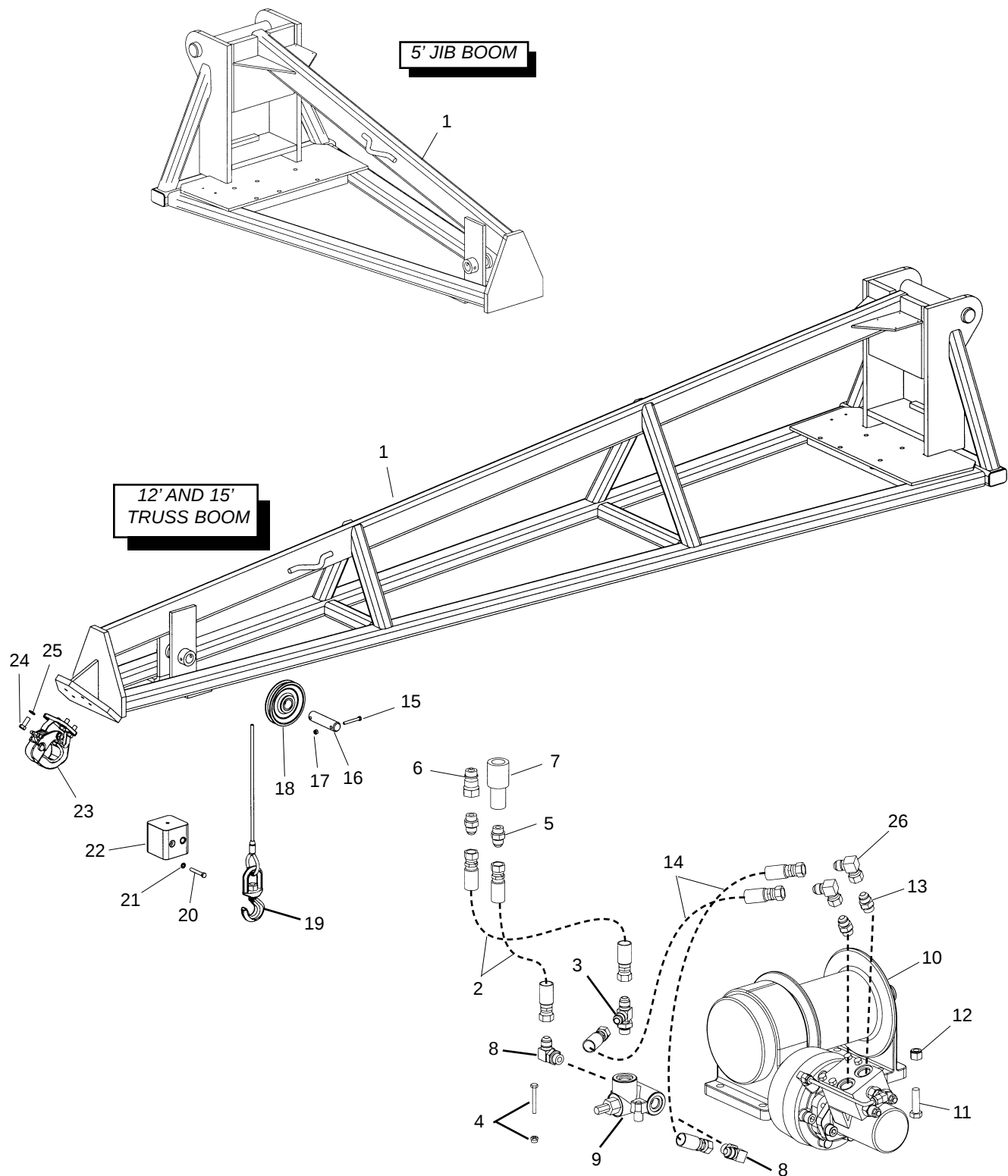
a Order P/N L65273 Coupler Set.



Attachments

Truss Booms and Winch

RS6-42/RS8-42/44





Attachments

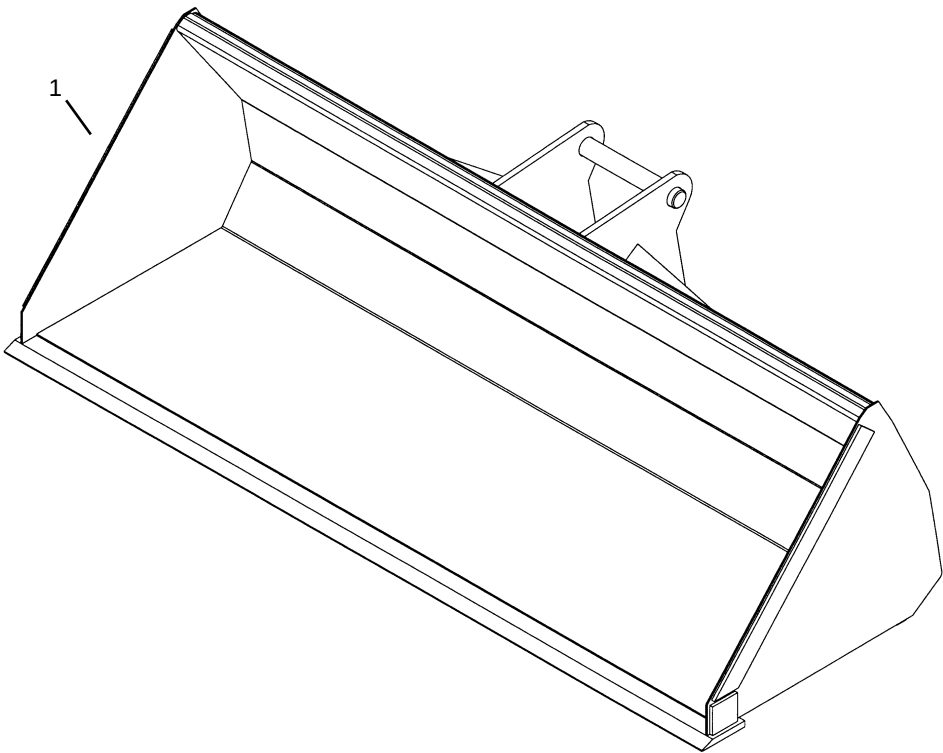
Truss Booms and Winch

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500218	5' TRUSS WELDMENT	1	21	L50147	3/8" LOCK WASHER	2
	L99236	12' TRUSS WELDMENT	1	22	L60451	WINCH BALL	1
	L99235	15' TRUSS WELDMENT	1	23	L61411	PINTLE HOOK	1
	L42871	1/8" POP RIVET	4	24	L50380	1/2"-20X1-1/4" GR 8 BOLT	4
	NSS	NAME PLATE	1	25	L50152	1/2" LOCK WASHER	4
02	L64294	HOSE -8 A8/A8 53"	2	26 ^c	L446017	ADAP -8JICFS -8JICM 90	2
03	L64660	ADAP -8ORM -8JICM RUN TEE . . .	1				
04	L50841	1/4-20"x2" BOLT	2			-- ITEMS NOT SHOWN--	
	L520003	1/4"-20 NYLON INSERT NUT	2	00	L500223	PLATE, AUGER ADAPTER	1
05	L444004	ADAP -8ORM -8JICM STR	2			(used with auger)	
06 ^d	NSS	COUPLER, MALE	1	a		Used with 12' and 15' truss booms with winch.	
07 ^d	NSS	COUPLER, FEMALE	1	b		Used with 5' truss booms with winch.	
08	L445002	ADAP -8ORM -8JICM 90 DEG	2	c		Not used on all attachments.	
09	L82358	RELIEF VALVE	1	d		Sold as a set, order P/N L65273 Coupler Set.	
10	100963	HYDRAULIC WINCH	1				
11	L50286	1/2"-13X1-3/4" GR 8 BOLT	6				
12	L520019	1/2-13 NYLON INSERT NUT	6				
13	L444008	ADAP -10ORM -8JICM	2				
14	L400398	HOSE -6 A8/A8 18.5"	2				
15	L50815	5/16"x2-1/2" BOLT	2				
16	100076	PIN, TRUSS WINCH	1				
17	L520004	5/16"-18 NYLON INSERT NUT	2				
18	L65338	WINCH SHEAVE	1				
19 ^a	L71266	3/8"x100' WINCH CABLE	1				
		(includes hook and swivel)					
19 ^b	L66946	3/8"x60' WINCH CABLE	1				
		(includes hook and swivel)					
20	L50371	3/8"x2-1/2" BOLT	2				



Attachments
Bucket

RS6-42/RS8-42/44





Telescopic Handler

Attachments

Bucket

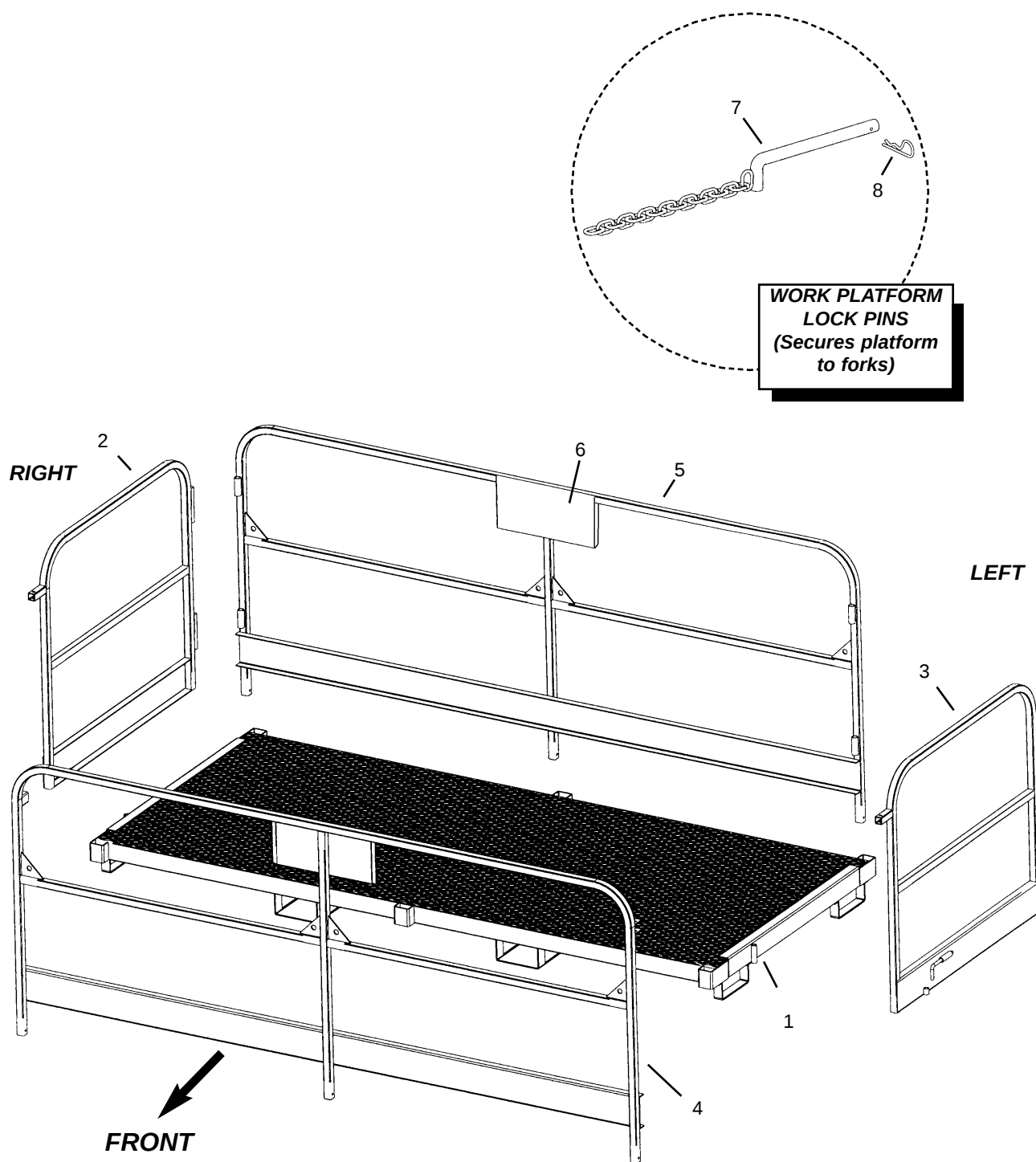
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	L500374	1.3 CU. YD. BUCKET WELDMNT .	1				
	L68831	CUTTING EDGE 98" (<i>weld on</i>) . . .	1				
	L42871	1/8" POP RIVET	4				
	NSS	NAME PLATE	1				



Attachments

Work Platform

RS6-42/RS8-42/44





Telescopic Handler

Attachments

Work Platform

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	103905	BASE	1	-- ITEMS NOT SHOWN --			
02	103906	RIGHT DOOR	1	00	103911	PIN AND CHAIN KIT	1
03	103907	LEFT DOOR	1	00	101149	DECAL, FALL HAZARD	2
04	103908	FRONT SIDE	1	00	103910	HARDWARE KIT	1
05	103909	BACK SIDE	1				
06	100883	DECAL, PLATFORM RULES	2	a	Chain is welded to platform base.		
07 ^a	105845	PIN AND CHAIN ASSY.....	2				
08	076099	HAIRPIN CLIP .148DIAX2-11/16" ..	2				



Notes

RS6-42/RS8-42/44



Telescopic Handler

Decals

General Information and Application

GENERAL INFORMATION



ALWAYS read and follow the safety precautions on decals. Replace decals if they are damaged, or if the unit is repainted. If repainting, **BE SURE** that all applicable decals 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 illustrations 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 illustrations for replacement locations.

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

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 masked decal, first remove the backing paper. Then, properly orient and position the decal onto the clean mounting surface. After the decal is firmly applied and smoothly pressed down, remove the front covering paper.

PAINT FINISH

Use this list to order paint for refinishing:

167788	One Gallon Yellow
167789	6 (12 oz. Spray Cans) Yellow
167754	One Gallon Gun-Metal Gray
167753	6 (12 oz. Spray Cans) Gun-Metal Gray

Decal Kits

102808	RS8-44 Telescopic Handler without PWP
102809	RS8-44 Telescopic Handler with PWP
102967	RS8-42 Telescopic Handler without PWP
102966	RS8-42 Telescopic Handler with PWP
102810	RS6-42 Telescopic Handler without PWP
102811	RS6-42 Telescopic Handler with PWP

NOTE: Decals may be purchased in kits or individually.

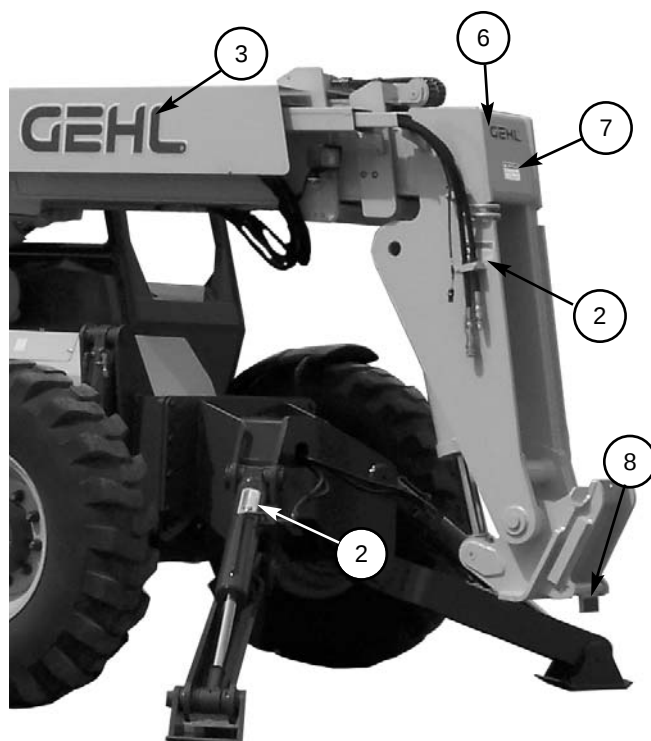
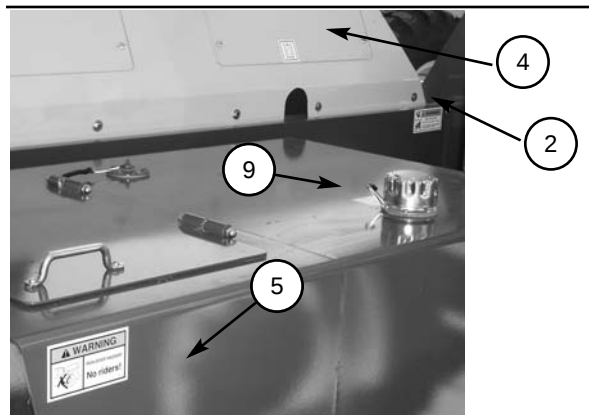
Boom Attachment Decals

L65927	WARNING - PINCH POINT
L65348	WARNING - WINCH
L66042	WARNING - TRUSS BOOM TILT



Decals

Various Locations



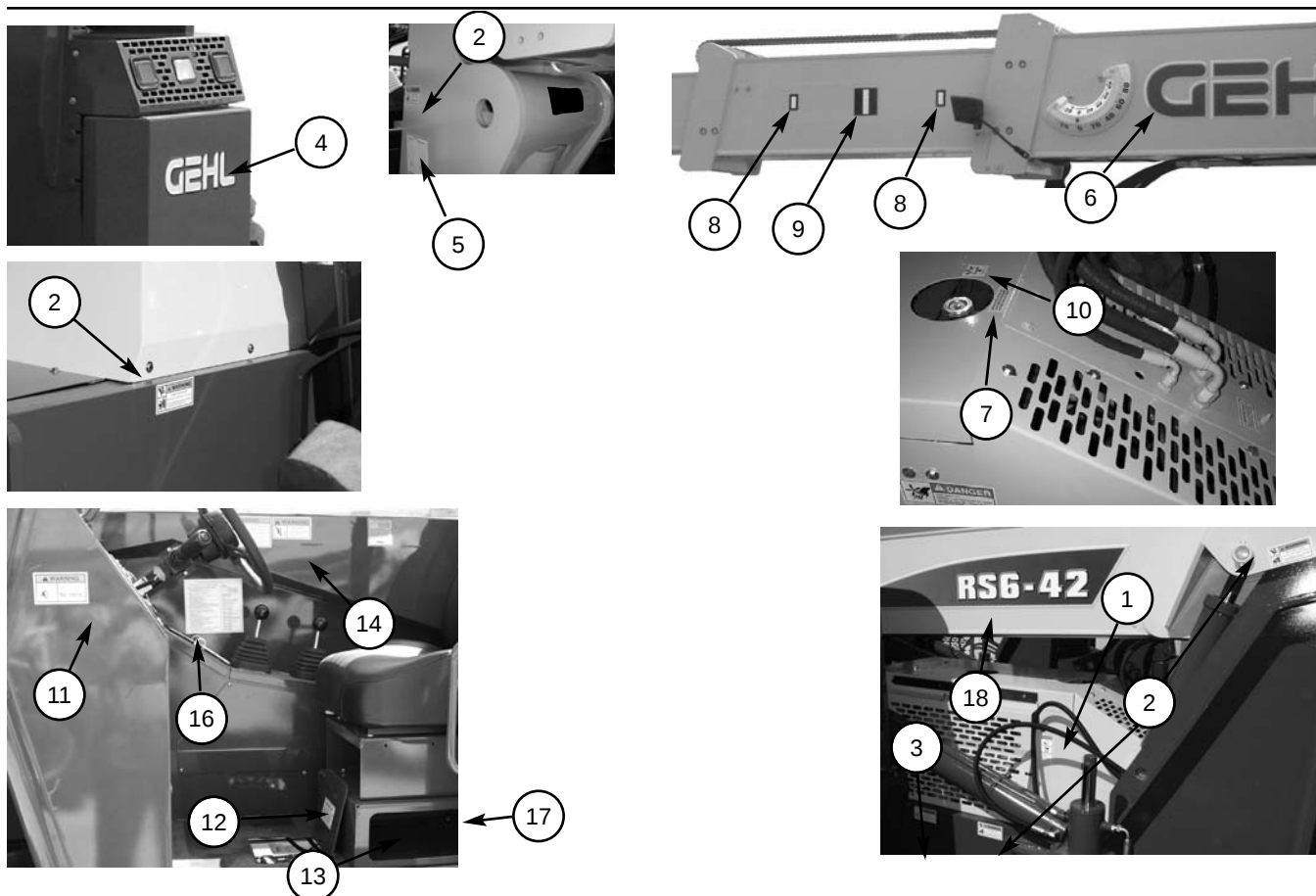
DECAL LOCATIONS - FRAME AND BOOM

REF. NO.	DESCRIPTION	RS8-44 PART NO.	RS8-42 PART NO.	RS6-42 PART NO.
01	DANGER - HANDS OUT	L70305	L70305	L70305
02	WARNING - PINCH POINT	L65927	L65927	L65927
03	GEHL, 8.00"	102025	102025	102025
04	HYDRAULIC OIL FILL	137632	137632	137632
05	WARNING - NO RIDERS	L65932	L65932	L65932
06	GEHL 2.00"	102026	102026	102026
07	DANGER-PERSONNEL INJURY <i>(units without PWP)</i>	L65928	L65928	L65928
08	QUICKATTACH UNLOCKED	L66613	L66613	L66613
09	DIESEL FUEL	137634	137634	137634
10	RS8 or RS6 RH	102805	102917	102803



Telescopic Handler

Decals Various Locations



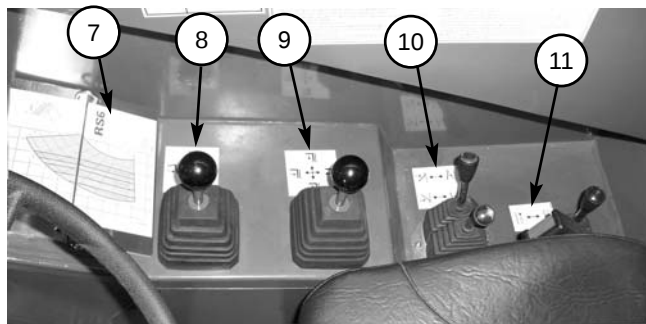
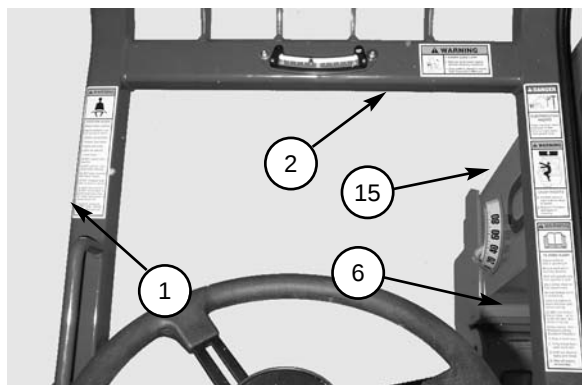
REF. NO.	DESCRIPTION	RS8-44 PART NO.	RS8-42 PART NO.	RS6-42 PART NO.
01	DANGER - HANDS OUT	L70305	L70305	L70305
02	WARNING - PINCH POINT	L65927	L65927	L65927
03	WARNING - JUMP START	L65933	L65933	L65933
04	GEHL, 5.00"	102027	102027	102027
05	QUICKATTACH DIAGRAM	L65937	L65937	L65937
06	GEHL, 8.00"	102025	102025	102025
07	ANTI-FREEZE	056859	056859	056859
08	HALF ZONE MARKER (5 ea.)	L62583	L62583	L62583
09	NO. "1" EXTENSION MARKER (1 ea.) NO. "2" EXTENSION MARKER (1 ea.) NO. "3" EXTENSION MARKER (1 ea.) NO. "4" EXTENSION MARKER (1 ea.) NO. "5" EXTENSION MARKER (1 ea.)	L67719 L67720 L67721 L67722 L67723	L67719 L67720 L67721 L67722 L67723	L67719 L67720 L67721 L67722 L67723
10	COOLANT UNDER PRESSURE	072798	072798	072798
11	WARNING - NO RIDERS	L65932	L65932	L65932
12	BRAKE FLUID	L63474	L63474	L63474
13	OPERATOR MANUAL WARNING	100359	100359	100359
14	DANGER-PERSONNEL INJURY (<i>units without PWP</i>)	L65928	L65928	L65928
16	LUBE CHART	102801	102801	102801
17	ROPS & FOPS CERTIFICATION	102800	102800	102800
18	RS8 or RS6 LH	102804	102916	102802



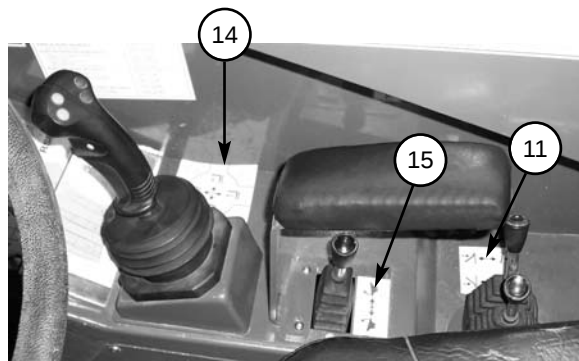
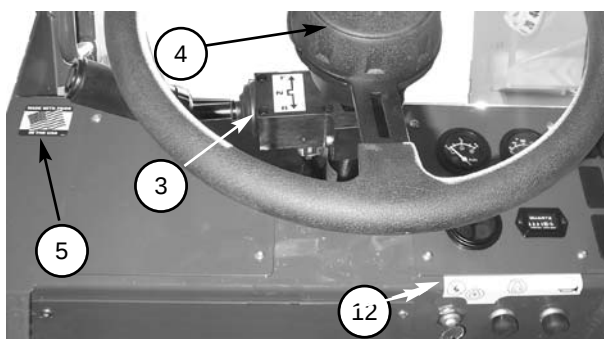
Decals

Various Locations

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Dual Joystick Control



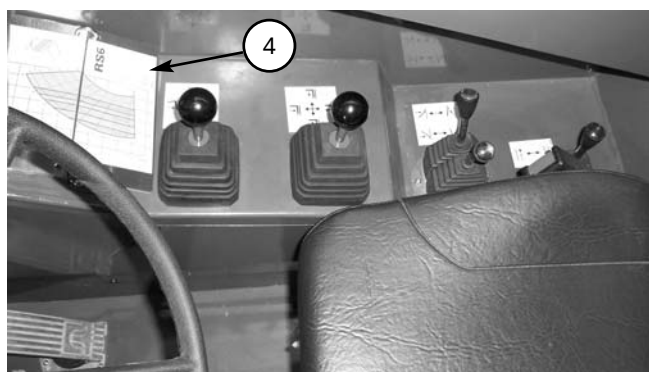
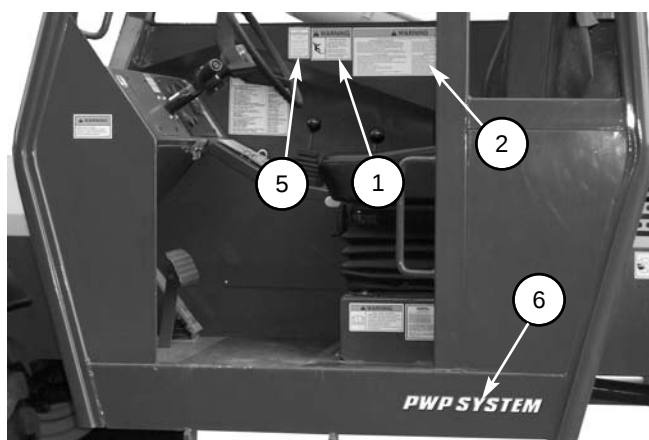
Tri-function Joystick Control

REF. NO.	DESCRIPTION	RS8-44 PART NO.	RS8-42 PART NO.	RS6-42 PART NO.
01	WARNING-TILT HAZARD/GENERAL OPERATOR	L70306	L70306	L70306
02	WARNING - CARRY LOAD LOW	L65926	L65926	L65926
03	F-N-R SHIFT	L68295	L68295	L68295
04	STEERING WHEEL 2.0" DIA. (early models only)	101545	101545	101545
05	MADE IN USA	140516	140516	140516
06	WARNING - PARK BRAKE/SEAT BELT	101506	101506	101506
07	STANDARD CARRIAGE LOAD CHART	102795	102918	102790
	ROTATING CARRIAGE LOAD CHART	102796	102919	102791
	BUCKET LOAD CHART	102797	102920	102792
	TRUSS BOOM LOAD CHART	102798	102921	102793
08	WINCH LOAD CHART	102799	102922	102794
09	SWING CARRIAGE LOAD CHART	102806	102923	NA
	180° SWING CARRIAGE	103770	103769	103768
	ATTACHMENT TILT/FRAME LEVEL	L63632	L63632	L63632
	BOOM CONTROL	L63631	L63631	L63631
10	OUTRIGGER CONTROL (Optional)	101658	101658	101658
11	AUXILIARY HYDRAULIC CONTROL (Optional)	102718	102718	102718
12	IGNITION/START/HORN	102717	102717	102717
13	DANGER-HI VOLT./MOVING PARTS	L70307	L70307	L70307
14	JOYSTICK CONTROL	104215	104215	104215
15	FRAME LEVEL	L63311	L63311	L63311



Telescopic Handler

Decals Various Locations



DECAL LOCATIONS - PWP EQUIPPED UNITS

REF. NO.	DESCRIPTION	RS8-44 PART NO.	RS8-42 PART NO.	RS6-42 PART NO.
01	WARNING-PERSONNEL LIFT	L71554	L71554	L71554
02	WARNING-WORK PLATFORM RULES	L71555	L71555	L71555
03	PERSONNEL LIFT SAFETY RULES	L71700	L71700	L71700
04	PWP LOAD CHART	102788	102924	102787
05	PWP SWITCH	102969	102969	102969
06	PWP SYSTEM	103028	103028	103028

Note: For decals attached to the Work Platform, refer to the Attachments section of this parts manual.



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0056859	7	07	101963	45	23	102313	173	13	102434	173	02
056859	265	07	101999	247	18	102313	175	18	102434	175	02
067847	17	14	102025	264	03	102313	177	13	102434	177	02
072340	19	15	102025	265	06	102313	179	13	102434	179	02
072798	265	10	102026	264	06	102313	181	13	102434	181	02
076099	261	08	102027	265	04	102313	183	07	102434	233	00
080313	210	05	102063	67	04	102313	185	14	102435	31	07
080319	211	05	102072	63	17	102313	187	07	102435	147	01
080319	212	04	102122	95	23	102313	189	17	102435	149	02
081379	45	21	102122	97	24	102313	191	18	102435	151	02
089069	21	19	102123	95	23	102313	193	20	102435	153	02
089070	21	19	102123	97	25	102313	219	01	102435	155	02
100008	95	04	102132	117	03	102321	49	02	102435	161	14
100011	97	08	102132	121	03	102321	153	20	102435	165	15
100071	29	10	102173	7	04	102321	155	23	102435	171	16
100076	257	16	102190	95	14	102321	167	10	102435	173	18
100102	23	10	102190	137	15	102321	169	14	102435	179	16
100359	265	13	102190	139	19	102321	171	14	102435	181	18
100547	255	27	102191	95	11	102321	173	14	102435	183	02
100631	249	19	102191	137	14	102321	175	16	102435	185	02
100883	253	15	102194	47	12	102321	177	14	102435	187	02
100883	261	06	102199	69	17	102321	179	14	102435	189	02
100963	257	10	102200	53	12	102321	181	14	102435	191	02
101003	247	16	102200	55	07	102321	187	08	102435	193	02
101055	125	01	102201	53	15	102321	189	16	102435	237	00
101149	253	00	102201	55	08	102321	191	16	102436	163	14
101149	261	00	102211	69	23	102321	193	19	102436	165	14
101278	19	04	102212	69	12	102321	221	00	102436	169	16
101351	125	13	102245	119	10	102335	109	01	102436	173	19
101436	17	22	102246	119	10	102335	127	12	102436	177	16
101463	45	27	102247	199	00	102356	145	23	102436	181	19
101495	13	20	102272	95	21	102356	147	08	102436	185	03
101506	266	06	102272	139	18	102356	149	14	102436	189	03
101545	266	04	102281	107	01	102356	151	14	102436	193	03
101567	45	02	102281	111	01	102356	153	14	102436	195	25
101658	39	00	102282	113	01	102356	155	14	102436	235	00
101658	266	10	102282	117	01	102356	225	00	102438	103	47
101667	37	05	102283	121	01	102371	125	15	102445	131	04
101712	23	04	102284	107	01	102408	48	01	102491	9	28
101717	13	17	102284	111	01	102419	195	14	102498	141	03
101719	17	19	102285	113	01	102419	229	00	102498	214	01
101727	11	13	102285	117	01	102420	135	18	102505	45	01
101792	17	20	102286	121	01	102420	145	23	102506	45	06
101877	21	33	102288	111	05	102420	147	08	102516	127	25
101877	27	10	102313	97	18	102420	151	14	102517	127	24
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101924	53	03	102313	155	09	102434	147	02	102530	35	05
101926	57	12	102313	159	07	102434	159	02	102534	35	15
101926	59	18	102313	161	13	102434	161	02	102535	59	14
101954	45	22	102313	163	13	102434	163	02	102540	127	15
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101960	45	23	102313	167	09	102434	167	02	102543	203	00
101961	45	22	102313	169	13	102434	169	02	102544	203	00
101962	45	22	102313	171	13	102434	171	02	102551	129	11



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102559	9	01	102624	104	09	102776	67	27	102786	193	21
102566	39	08	102624	105	16	102778	9	20	102787	267	04
102569	95	08	102625	104	10	102779	37	01	102788	267	04
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102573	99	03	102626	105	15	102782	37	02	102791	266	07
102574	99	04	102627	104	12	102783	27	05	102793	266	07
102575	99	06	102627	105	14	102784	147	03	102794	266	07
102575	103	25	102628	104	13	102784	159	01	102795	266	07
102576	99	07	102628	105	13	102784	161	01	102796	266	07
102576	103	24	102629	104	16	102784	163	01	102797	266	07
102577	99	10	102629	105	11	102784	165	01	102798	266	07
102577	213	01	102630	104	17	102784	167	01	102799	266	07
102578	99	11	102631	104	18	102784	169	01	102800	265	17
102579	101	03	102632	104	19	102784	171	01	102801	265	16
102580	101	03	102632	105	08	102784	173	01	102802	265	18
102581	103	02	102633	104	20	102784	175	01	102803	264	10
102582	103	03	102634	104	21	102784	177	01	102804	265	18
102583	103	50	102635	104	24	102784	179	01	102805	264	10
102584	103	04	102636	104	24	102784	181	01	102806	266	07
102586	103	11	102637	104	24	102784	231	00	102807	135	18
102587	95	07	102638	104	25	102785	35	04	102807	145	23
102587	103	51	102638	105	05	102786	149	04	102807	147	08
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102590	103	18	102642	105	07	102786	155	04	102807	227	00
102591	103	19	102644	105	01	102786	159	09	102808	263	00
102592	103	20	102645	21	00	102786	161	11	102809	263	00
102593	103	21	102647	23	00	102786	163	11	102810	263	00
102594	103	22	102649	21	00	102786	165	11	102811	263	00
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102601	103	29	102680	17	03	102786	171	08	102831	145	19
102602	103	30	102681	17	04	102786	171	11	102831	145	24
102603	103	31	102682	11	12	102786	173	08	102831	147	07
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102605	103	33	102684	9	12	102786	175	06	102832	145	13
102606	103	34	102684	11	09	102786	175	08	102832	145	29
102607	103	35	102685	15	07	102786	175	15	102833	129	07
102608	103	40	102686	15	01	102786	177	08	102833	135	07
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102617	104	01	102710	109	04	102786	187	06	102838	145	01
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102621	104	05	102718	266	11	102786	191	06	102841	33	08
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102843	159	06	102861	45	34	102956	91	07	103076	229	12
102843	161	12	102861	53	00	102957	91	10	103077	237	01
102843	163	12	102861	55	00	102958	91	11	103078	235	03
102843	165	12	102863	101	22	102959	91	12	103078	237	03
102843	167	06	102873	137	09	102964	47	33	103079	231	08
102843	169	12	102873	139	01	102965	47	35	103079	233	07
102843	171	12	102873	145	04	102966	263	00	103079	235	04
102843	173	12	102874	17	01	102967	263	00	103079	237	04
102843	175	07	102876	197	00	102969	267	05	103080	231	09
102843	177	12	102877	139	29	102974	59	16	103080	233	08
102843	179	12	102877	222	01	103011	199	02	103080	235	05
102843	181	12	102878	196	08	103013	13	00	103080	237	05
102843	183	09	102878	197	11	103014	17	00	103081	235	01
102843	185	12	102878	222	02	103017	219	02	103082	235	06
102843	187	13	102880	9	09	103018	214	02	103083	237	06
102843	189	12	102881	9	13	103028	267	06	103084	235	02
102843	191	08	102882	19	17	103033	25	01	103084	237	02
102843	193	12	102883	37	07	103036	25	05	103086	227	03
102844	145	16	102886	17	21	103045	225	20	103087	227	05
102845	145	15	102889	203	04	103045	225	22	103088	59	09
102846	143	07	102890	203	08	103046	225	12	103099	21	23
102847	97	11	102893	103	15	103046	225	15	103099	21	27
102847	143	08	102896	103	52	103047	225	17	103099	21	28
102848	97	10	102897	105	09	103048	225	10	103100	21	29
102848	143	15	102898	105	18	103049	225	04	103100	21	30
102849	67	23	102899	103	53	103049	229	04	103100	21	31
102849	145	20	102900	103	37	103050	225	03	103100	21	32
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102850	69	15	102916	265	18	103052	225	16	103112	233	02
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102853	145	06	102919	266	07	103052	229	07	103114	231	05
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102854	129	08	102922	266	07	103053	225	09	103115	231	06
102854	145	12	102924	267	04	103053	225	14	103115	233	05
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102857	131	25	102949	73	10	103061	225	23	103179	13	00
102858	131	08	102950	91	01	103062	225	26	103180	13	00
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102859	131	11	102954	91	05	103071	229	05	103194	149	19
102860	137	08	102954	91	09	103072	229	08	103194	151	22



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103194	195	06	103905	261	01	104273	204	05	104930	65	02
103195	29	13	103906	253	11	104273	208	05	104931	65	03
103208	45	06	103906	261	02	104303	45	17	104932	63	27
103221	21	24	103907	253	13	104304	31	02	104932	65	04
103221	21	25	103907	261	03	104304	239	12	104950	21	00
103221	21	26	103908	253	12	104341	53	00	104951	21	00
103271	59	12	103908	261	04	104341	55	00	104952	21	00
103318	149	06	103909	253	10	104379	196	00	104961	41	01
103318	151	06	103909	261	05	104380	198	00	104973	11	20
103318	153	06	103910	253	00	104381	206	00	104974	11	19
103318	155	06	103910	261	00	104382	204	00	104976	61	10
103318	187	14	103911	253	00	104383	202	00	104978	61	07
103318	189	18	103911	261	00	104384	202	00	104981	53	06
103318	191	20	103991	45	19	104385	200	00	104985	51	00
103318	193	22	104022	33	11	104386	208	00	104987	198	01
103359	27	01	104064	49	00	104425	69	01	104988	204	01
103371	9	30	104078	49	03	104428	33	01	104989	208	01
103389	9	19	104083	31	01	104428	33	04	104990	206	01
103413	157	08	104083	149	01	104431	99	18	104991	200	01
103413	223	00	104083	151	01	104436	63	25	104992	202	04
103424	51	00	104083	153	01	104439	43	21	104993	202	04
103475	51	05	104083	155	01	104440	43	12	104994	200	08
103476	51	06	104083	183	01	104441	43	02	104995	202	00
103479	51	01	104083	185	01	104449	65	17	104996	202	00
103480	51	03	104083	187	01	104450	65	16	104999	198	05
103482	51	02	104083	189	01	104451	65	09	105000	200	05
103505	157	03	104083	191	01	104452	65	12	105001	202	08
103505	175	09	104083	193	01	104453	53	25	105002	206	04
103505	177	20	104083	239	00	104454	63	03	105003	196	03
103505	179	20	104132	141	07	104455	63	06	105006	198	04
103505	181	23	104132	143	22	104456	65	10	105007	200	06
103505	191	09	104132	218	00	104457	43	07	105008	202	06
103505	193	16	104133	218	01	104458	63	26	105009	206	03
103508	223	01	104214	31	06	104460	61	03	105010	200	07
103509	223	03	104215	266	14	104464	57	16	105022	202	05
103510	223	02	104216	149	00	104467	253	14	105023	202	07
103511	223	01	104216	151	00	104468	253	08	105024	200	03
103512	223	03	104216	153	00	104469	253	05	105025	198	03
103513	223	00	104216	155	00	104470	253	00	105026	198	00
103514	223	00	104216	220	07	104471	253	04	105027	198	00
103517	247	01	104220	151	21	104472	253	09	105028	198	08
103518	247	01	104220	155	21	104474	253	07	105029	204	08
103582	31	04	104221	151	20	104475	253	06	105030	196	09
103626	55	06	104221	155	20	104476	253	03	105031	202	10
103674	9	03	104222	41	05	104477	253	02	105032	202	10
103708	31	11	104223	239	09	104478	253	01	105033	200	11
103744	51	00	104225	41	14	104675	51	07	105034	206	09
103768	253	00	104231	99	05	104688	9	00	105035	208	09
103768	253	00	104245	196	01	104812	208	02	105036	200	04
103768	253	00	104251	196	10	104813	198	02	105036	206	05
103768	266	07	104260	196	04	104813	208	07	105037	41	02
103769	266	07	104260	204	04	104820	196	08	105039	41	03
103770	266	07	104260	208	04	104820	197	11	105059	57	06
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105133	67	15	134756	47	26	L10465	205	01	L444002	185	04
105133	67	38	136305	25	06	L10465	207	14	L444002	187	03
105149	15	00	136383	59	00	L10465	209	02	L444002	189	04
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105179	251	05	137501	59	04	L400207	109	07	L444002	255	22
105180	251	04	137503	25	09	L400207	119	02	L444003	195	12
105181	251	16	137632	264	04	L400207	127	10	L444004	39	13
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105188	251	17	167753	263	00	L400425	249	02	L444004	257	05
105189	251	19	167754	263	00	L400929	241	05	L444005	33	06
105190	251	26	167788	263	00	L40805	63	29	L444007	69	03
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105193	65	14	210138	65	23	L41261	27	02	L444012	157	04
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L446049	175	04	L500216	249	05	L500496	99	16	L500745	220	01
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L50251	113	11	L50607	35	12	L520004	117	02	L60653	189	05
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L61708	113	10	L63381	173	15	L64124	69	21	L64864	57	10
L61708	115	01	L63381	175	12	L64132	107	23	L64864	59	17
L61709	107	19	L63381	175	13	L64143	113	06	L64914	39	19
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L61709	123	01	L63381	181	15	L64197	69	20	L65097	125	03
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Torque Specifications

Use these torque values when tightening hardware (excluding: locknuts and self-tapping, thread-forming and metal screws) unless otherwise specified.

Unified National Thread	Grade 2 		Grade 5 		Grade 8 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
8-32	19*	14*	30*	22*	41*	31*
8-36	20*	15*	31*	23*	43*	32*
10-24	27*	21*	43*	32*	60*	45*
10-32	31*	23*	49*	36*	68*	51*
1/4-20	66*	50*	9	75*	12	9
1/4-28	76*	56*	10	86*	14	10
5/16-18	11	9	17	13	25	18
5/16-24	12	9	19	14	25	20
3/8-16	20	15	30	23	45	35
3/8-24	23	17	35	25	50	35
7/16-14	32	24	50	35	70	55
7/16-20	36	27	55	40	80	60
1/2-13	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	360	660	500
1-8	190	190	640	480	900	680
1-14	210	210	710	530	1000	740

Metric Course Thread	Grade 8.8 		Grade 10.9 		Grade 12.9 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
M6-1	8	6	11	7	13.5	10*
24M8-1.25	19	14	27	20	32.5	24*
M10-1.5	37.5	28	53	39	64	47
M12-1.75	65	48	91.5	67.5	111.5	82
M14-2	103.5	76.5	145.5	108	176.5	131
M16-2	158.5	117.5	223.5	165.5	271	200

* All torque values are in lb-ft, except those marked with an *, which are in lb-in.
For metric torque value (Nm) multiply lb-ft value x 1.355, or lb-in x 0.113.



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