



MANITOU NORTH AMERICA, INC.

6401 IMPERIAL DRIVE
Waco, TX 76712-6803

**MT6034T
MT6034XT**

PARTS MANUAL

For Parts Orders contact your Manitou North America Dealer or call:

Manitou North America, Parts Dept.

800-425-3727 or (254) 799-0232 Parts Dept. Fax: (254) 867-6504

Email: parts.mna@manitou.com

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R11-05



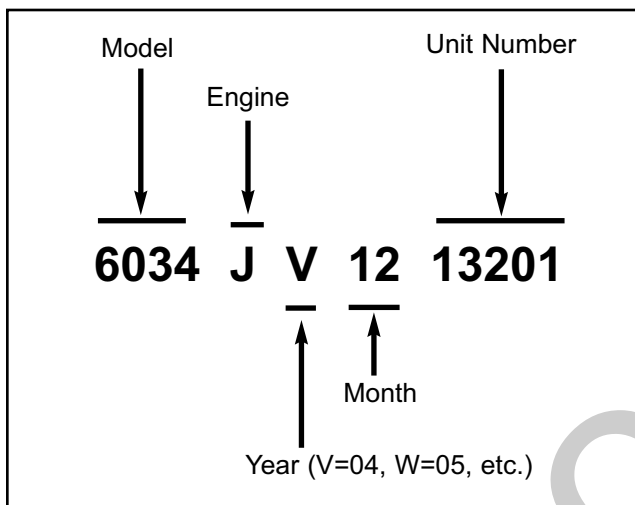
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Introduction

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.

Manitou North America Inc., reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any 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 A.

List of Abbreviations Used in this Manual

AN	Acorn Nut
AR	As Required
ASY	Assembly
BHB	Button Head Bolt
CB	Carriage Bolt
CN	Castellated Nut
CYL	Cylinder
CS	Capscrew (Hexagon Head)
DIA	Diameter
FHMS	Flat Head Machine
FLN	Flanged Flexlock Nut
FLS	Flanged Lock Screw
FT	Foot or Feet
GR	Grade
HLN	Hexlock Nut
HYD	Hydraulic
JN	Jam Nut
L	Lock (Washer)
LH	Left Hand
LT	Left
N	Nut (Plain Hex)
NA	Not Applicable
NIN	Nylon Insert Lock Nut
NPTF	National Pipe Threaded Fitting
NSS	Not Sold Separately
P	Plain (Washer)
PB	Plow Bolt
PHS	Pan Head Screw
RH	Right Hand
RHMS	Round Head Machine Screw
RHSMS	Round Head Sheet Metal Screw
RNF	Retained Nut Fastener
RT	Right
SHCS	Socket Head Caps crew
SHSS	Socket Head Set Screw
SFN	Serrated Flange Nut
SHSS	Square Head Set Screw
STS	Self-Thread Screw Hex. Washer Head
THMS	Truss-Head Machine Screw
TRS	Thread Roll Screw
W/	With
WN	Wing Nut

FILTER REFERENCE

TYPE	PART NUMBER
Engine Oil Filter <i>Note c</i>	808000
Engine Fuel Filter <i>Note a</i> <i>Note b</i>	808002 808003
Engine Air Filter Transmission Oil Filter Hydraulic Oil Filter	see pg. 50 808004 808005
Notes: <i>a Used with 99 hp John Deere TIER II engine. (Units equipped with this engine use the manual accelerator pedal.)</i> <i>b Used with 115 hp John Deere TIER II engine. (Units equipped with this engine use the electronic accelerator pedal.)</i> <i>c Use Dust Seal P/N 808068 as needed.</i>	

TABLE OF STANDARD WASHERS, NUTS

Size & Description	Part No.	Size & Description	Part No.
#10-32 N	808544	7/16 L	808594
1/4 L	808589	7/16-14 NIN	808625
1/4-20 NIN	808661	7/16 P	809287
1/4 P	808588	1/2-13 NIN	808665
1/4-20 SFN	808545	1/2 P	808595
5/16 L	808591	5/8 L	808597
5/16-18 N	808603	5/8-11 N	809288
5/16-18 NIN	808662	3/4-10 N	809289
5/16 P	808590	3/4-10 NIN	808626
5/16-18 RNF	808671	3/4 P	808593
5/16-18 SFN	808555	1-8 JN	808592
3/8-16 L	808593		
3/8-16 N	809286		
3/8-16 NIN	808663		
3/8-16 P	808592		
3/8-16 SFN	808559		
3/8-16 WN	808670		

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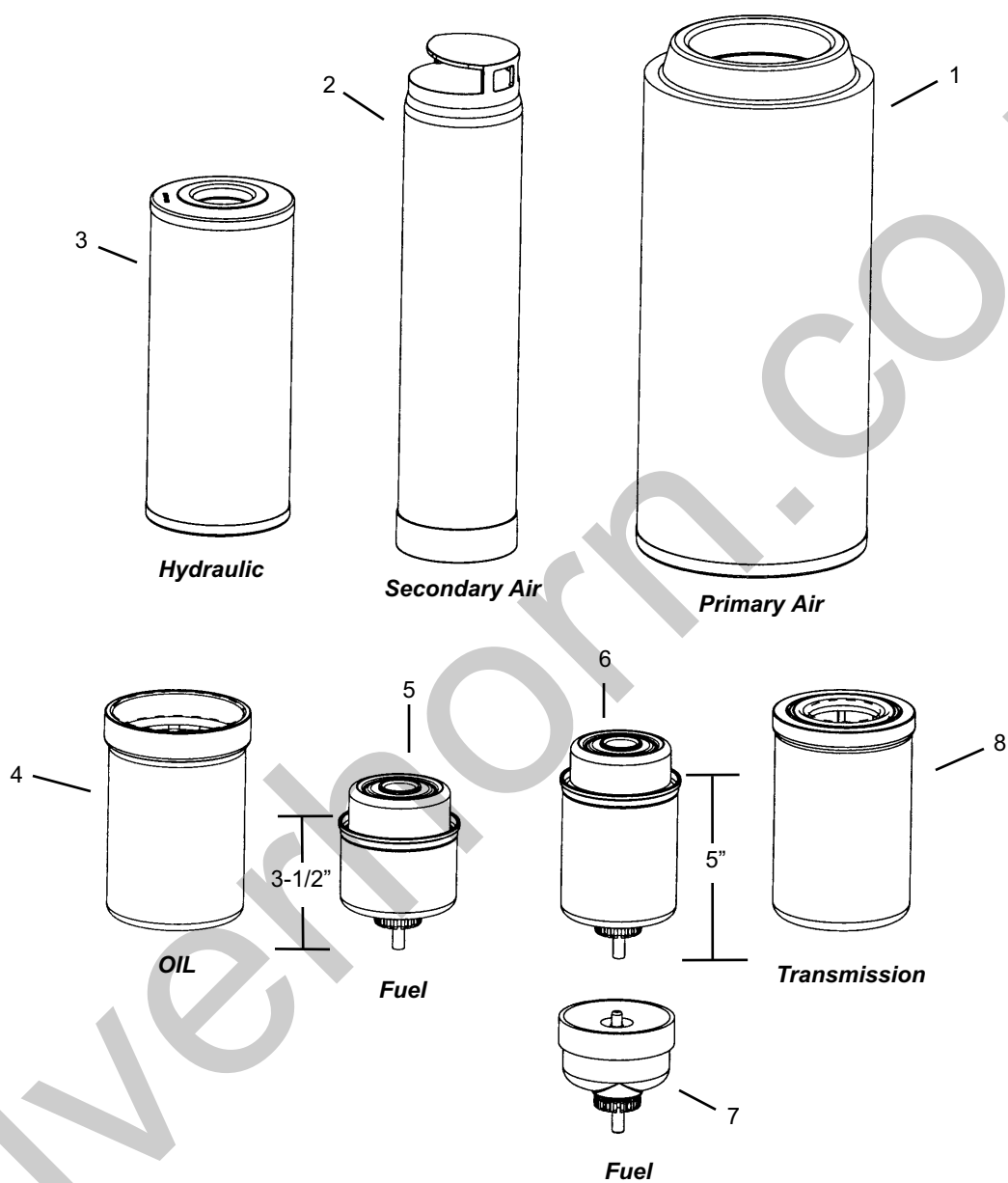
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Filters



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808066	PRIMARY AIR FILTER (<i>outer</i>)	1	a		Use Dust Seal P/N 808068 as needed.	
02	808067	SECONDARY AIR FILTER (<i>inner</i>) . 1		b		Used with 99 hp John Deere TIER II engine. (Units equipped with this engine use the manual accelerator pedal.) This filter measures 3-1/2" high; as shown in the illustration.	
03	808005	HYDRAULIC FILTER.	1	c		Used with 115 hp John Deere TIER II engine. (Units equipped with this engine use the electronic accelerator pedal.) This filter measures 5" high; as shown in the illustration.	
04 ^a	808000	ENGINE OIL FILTER.	1	d		Replace as needed.	
05 ^b	808002	FUEL FILTER	1				
06 ^c	808003	FUEL FILTER	1				
07 ^d	809377	SEDIMENT BOWL.	1				
08	808004	TRANSMISSION FILTER	1				

GENERAL INFORMATION

CAUTION

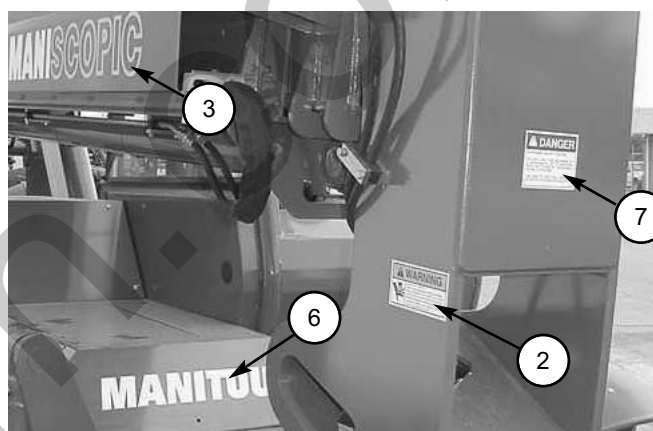
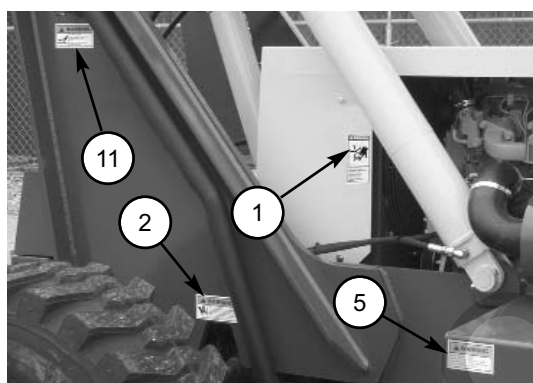
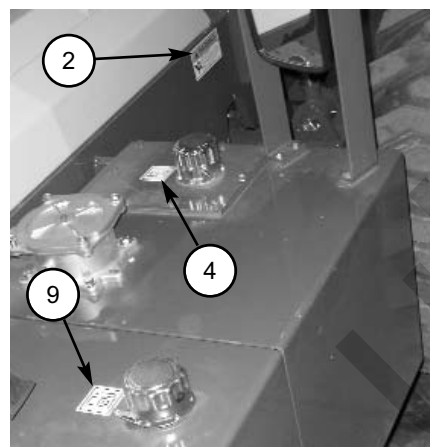
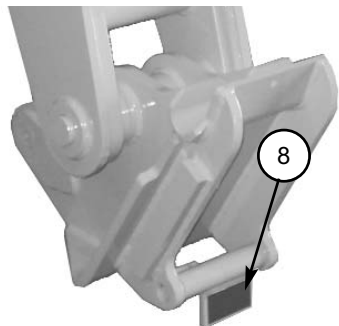
ALWAYS follow the safety precautions on decals. Replace decals if they are damaged, or if the unit is repainted. If repainting, be sure that all applicable decals are affixed in their proper locations.

Decal locations information is provided to assist in the proper selection and application of new decals, in the event 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 illustration for replacement locations.

NEW DECAL APPLICATION

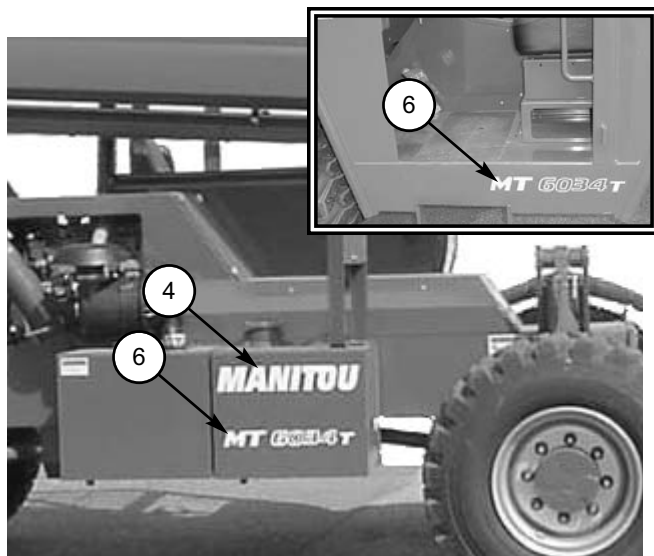
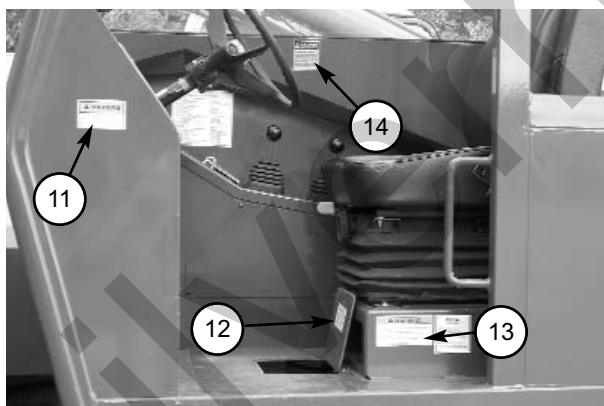
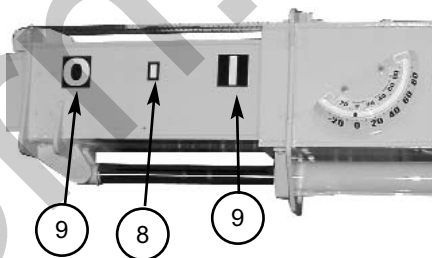
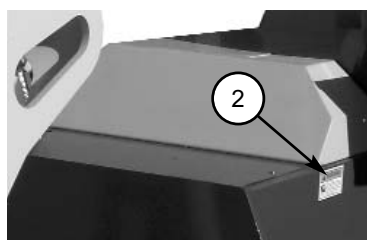
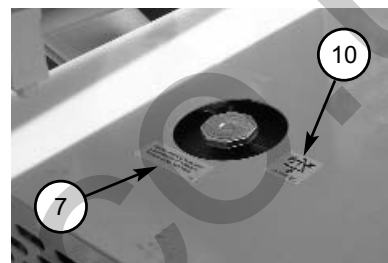
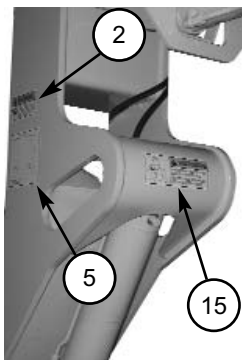
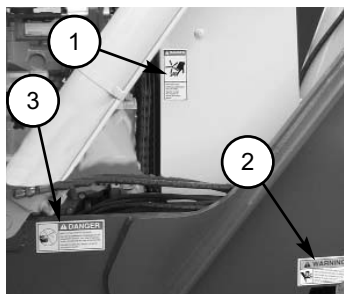
Before applying the new decals, surfaces must be free from dirt, dust, grease and other foreign material. To apply a solid-formed decal, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Slowly peel off the other portion of the backing paper while applying hand pressure to smooth-out decal surface. To apply a die-cut 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.



DECAL LOCATIONS - FRAME AND BOOM

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808036	DANGER-HANDS OUT	AR	06	804768	MANITOU	3
02	808033	WARNING-PINCH POINT	AR	07	808031	DANGER-PERSONNEL INJURY . AR (units without PWP)	
03	240794	MANISCOPIC	1	08	808038	DYNATTACH UNLOCKED	AR
				09	808058	DIESEL FUEL	AR
04	808057	HYDRAULIC OIL FILL	AR	10	806320	MANITOU	1
05	808035	WARNING-NO RIDERS	AR	11	809553	HOT SURFACE	AR

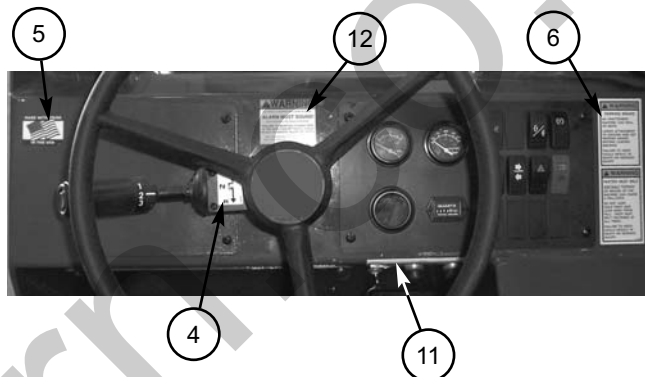
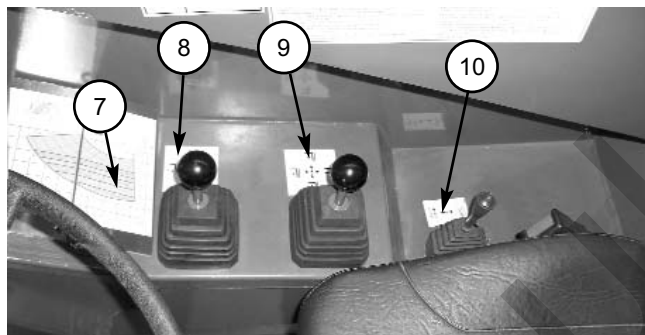
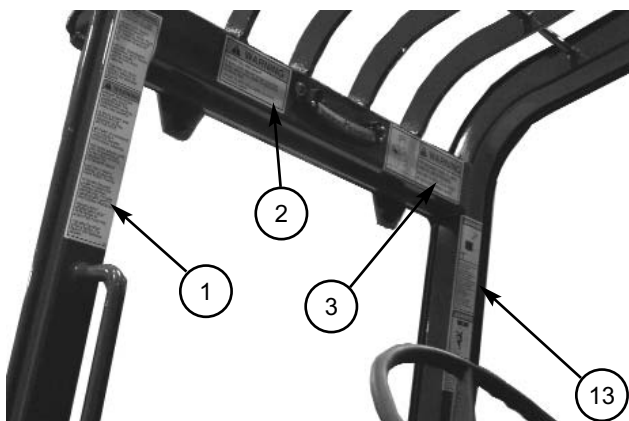
Decals



DECAL LOCATIONS - FRAME AND BOOM

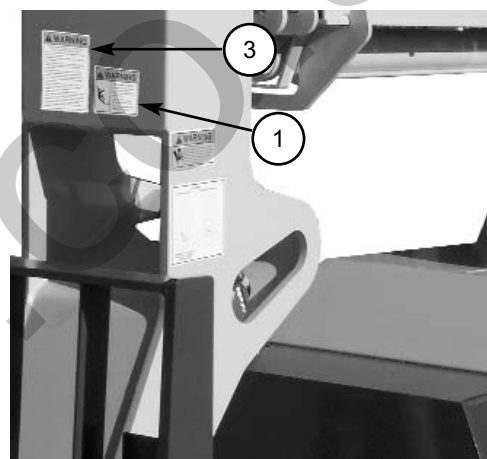
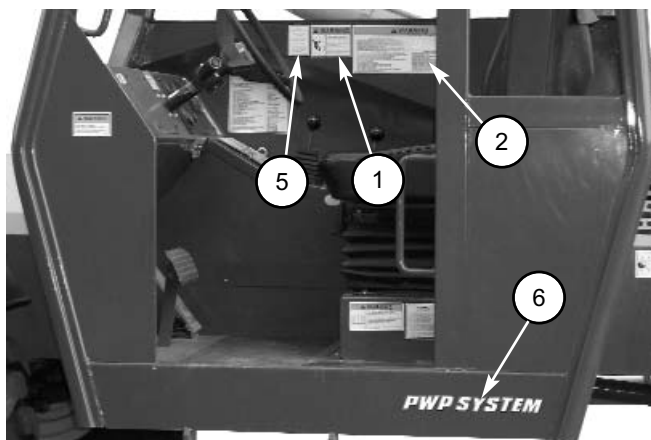
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808036	DANGER-HANDS OUT	AR	10	808054	COOLANT UNDER PRESSURE . . .	1
02	808033	WARNING-PINCH POINT	AR	11	808035	WARNING-NO RIDERS	AR
03	808034	WARNING-JUMP START	AR	12	808055	BRAKE FLUID	AR
04	804768	MANITOU	3	13	808032	OPERATOR MANUAL WARNING . .	1
05	808046	DYNATTACH DIAGRAM	AR	14	808031	DANGER-PERSONNEL INJURY . AR (units without PWP)	
06	805812	MT6034T	2	15	809552	CARRY LOAD LOW	AR
	805813	MT6034XT	2				
07	808047	ANTI-FREEZE	AR				
08	808048	HALF ZONE MARKER	5				
09	809561	NO. "0" EXTENSION MARKER . .	1				
	808049	NO. "1" EXTENSION MARKER . .	1				
	808050	NO. "2" EXTENSION MARKER . .	1				
	808051	NO. "3" EXTENSION MARKER . .	1				
	808052	NO. "4" EXTENSION MARKER . .	1				
	808053	NO. "5" EXTENSION MARKER . .	1				

Decals



DECAL LOCATIONS - OPERATOR STATION

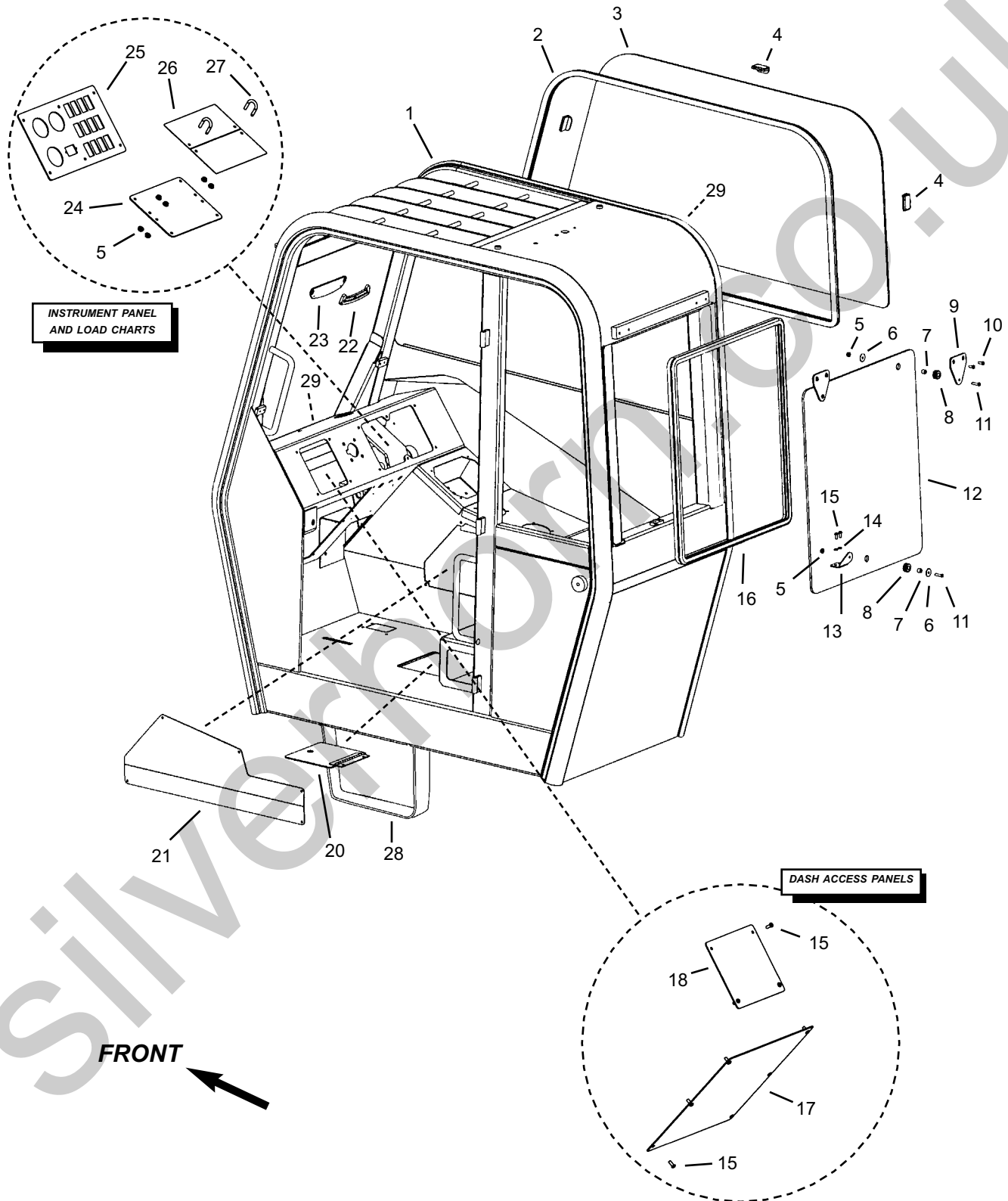
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808027	WARNING-TILT HAZZARD	1	08	808061	ATTACHMENT TILT/FRAME LVL . .	1
		/GENERAL OPERATOR		09	808062	BOOM CONTROL	1
02	808026	WARNING-MACHINE LEVEL	1	10	808064	AUX. HYD. CONTROL (optional) . .	1
03	809552	WARNING-CARRY LOAD LOW . . .	1	11	808065	IGNITION/START/HORN.	1
04	808059	F-N-R SHIFT	1	12	808028	WARNING-BACKUP ALARM	1
05	808060	MADE IN U.S.A.	1	13	808029	DANGER-HIGH VOLTAGE	1
06	808030	WARNING-PARK BRAKE	1			/MOVING PARTS	
		/SEAT BELT					
		-- LOAD CHARTS--					
07	809299	STANDARD CARRIAGE	1				
	809301	ROTATING CARRIAGE	1				
	809300	BUCKET LOAD CHART	1				
	809302	TRUSS BOOM LOAD CHART	1				
	809303	WINCH LOAD CHART	1				



DECAL LOCATIONS - PWP EQUIPPED UNITS

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808039	WARNING-PERSONNEL LIFT... AR		04	809304	PWP LOAD CHART..... AR	
02	808040	WARNING-WORK PLATFORM.. AR		05	808042	PWP SWITCH..... AR	
		/RULES		06	808045	PWP SYSTEM..... AR	
03	808041	PERSONNEL LIFT SAFETY.... AR					
		/RULES					

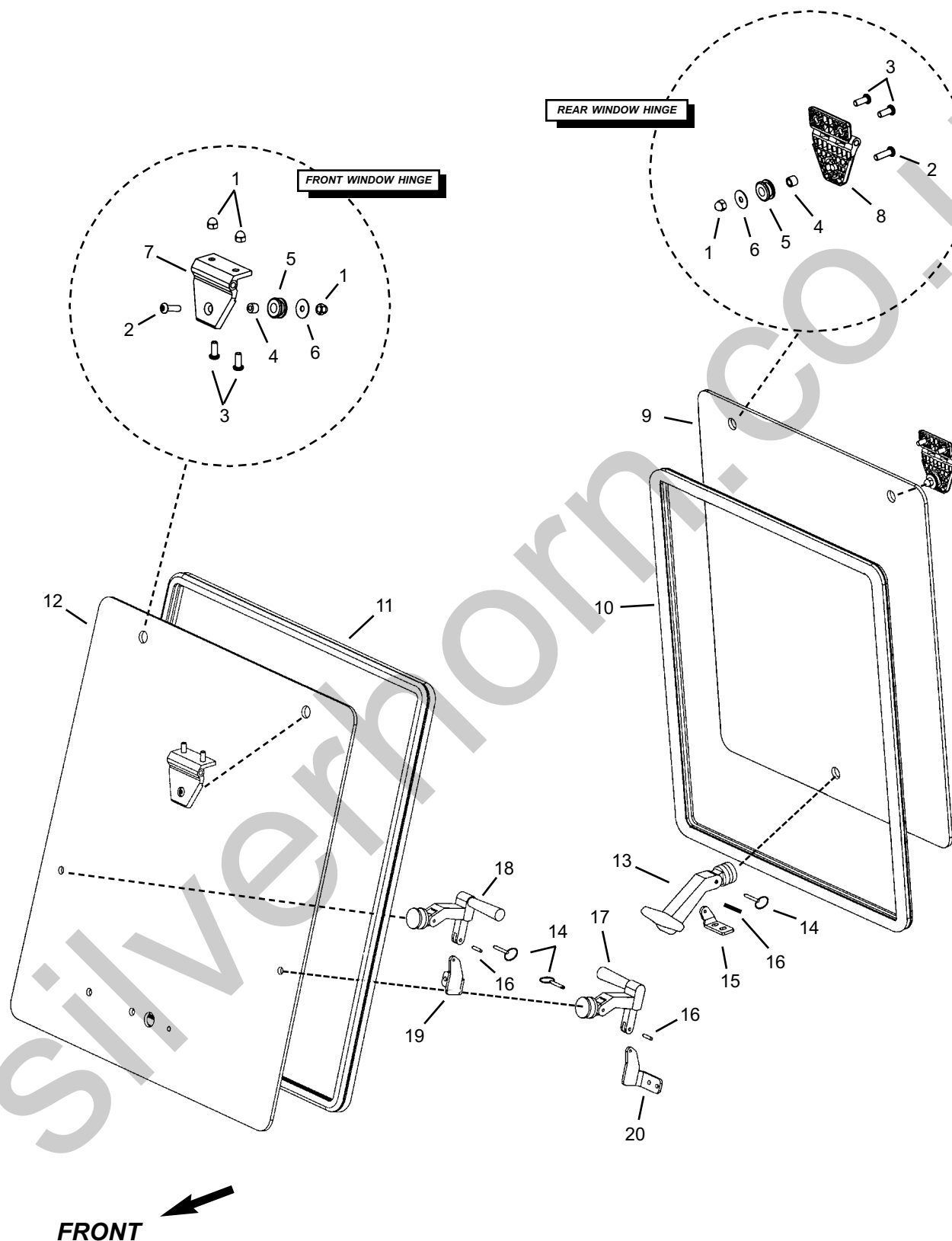
Standard Cab and Covers



Standard Cab and Covers

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809328	CAB WELDMENT	1	24	808245	COVER, FUSE PANEL	1
02	809319	BULB SEAL, RIGHT WINDOW . . .	1		808600	1/4"-20X5/8" BUTTN HD	4
03	809318	GLASS, RIGHT HAND	1	25 ^b	808308	PANEL, DASH	1
04	808493	CLIP, WINDOW	3	26 ^c	808723	LOAD CHART PLATE	2
	808492	SCREW, FLANGE	6	27	808734	1/4"-20 U-BOLT	1
05	808545	1/4"-20 WHIZ LOCK NUT.	AR	28	NSS	ACCESS STEP	1
06	808484	WASHER, FLAT (BLACK)	3	29	809333	GROMMET, 5/8"	AR
07	808482	BUSHING, NYLON	3			(not shown)	
08	808483	GROMMET, 1/2"ID X 1/4"GROOVE	3			-- ITEMS NOT SHOWN--	
09	808306	MOUNT, REAR GLASS UPPER . . .	2	00	809821	HARNESS KIT, CANOPY	1
10	808667	5/16"-18X3/4" BUTT. HD BOLT . .	4	00 ^a	808733	HOLE PLUG, 2-1/2" DIA	1
11	808666	1/4"-20X1" BUTT. HD BOLT	3			(defroster hole in dash)	
12	809320	GLASS, REAR.	1	00	808672	TREAD STRIP, 6" WIDE (4 FT.) . .	1
13	808307	MOUNT, REAR GLASS LOWER . .	1				
14	808589	1/4" LOCK WASHER.	2				
15	808600	1/4"-20X5/8" BUTT. HD BOLT . .	AR				
16	809298	BULB SEAL, REAR WINDOW . . .	1				
17 ^a	808258	PANEL, HEATER.	1	a		Use when not equipped with a heater.	
18 ^a	808257	PANEL, DASH COVER.	1				
19	NA		0	b		Refer to Instrument Panel and Switches section on the next page for information regarding switches and gauges.	
20	808261	WLDMNT, BRAKE CYL COVER . . .	1				
21	809312	COVER, HYD. CONTROLLERS . . .	1	c		Refer to Decal Section for Load Chart Decals.	
	808600	1/4"-20X5/8" BUTTON HEAD	5				
22	808802	INDICATOR/FRAME LEVEL	1				
	809177	#8-32X1" SCREW	2				
23	808862	PLATE, INCLMT MOUNT	1				
	808667	5/16"-18X3/4" BUTT. HD BOLT . .	4				

Front and Rear Window Group (Option)



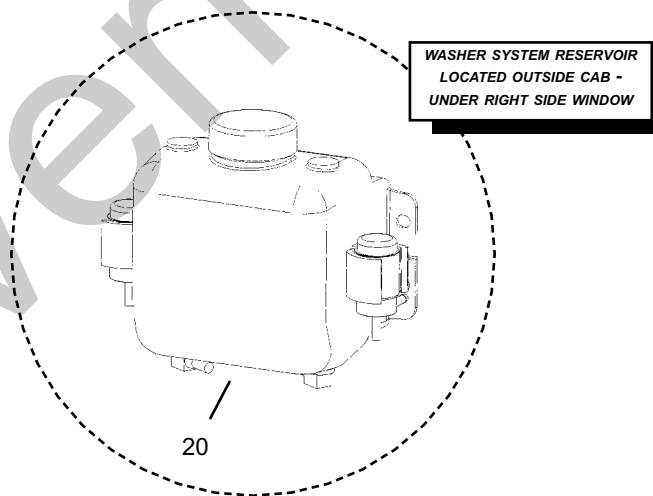
Front and Rear Window Group (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808490	5/16"-18 ACORN NUT	AR	15 ^a	808096	MOUNT, REAR WINDOW LATCH .	1
02	808420	5/16"-18X1" BUTTN HD BOLT	4	16	808481	PIN, ROLL - 3/16"x1/2"	3
03	808421	5/16"-18X3/4" BUTTN HD BOLT . . .	8	17	808488	HOLD OPEN, L-STYLE	1
04	808491	BUSHING, STEEL	4	18	808487	HOLD OPEN, L-STYLE	1
05	808483	GROMMET, 1/2"IDX1/4"GROOVE .	6	19 ^a	809325	MOUNT, WIND. HOLD OPEN (RH)	1
06	808422	5/16" FLAT WASHER (BLACK)	4	20 ^a	808255	MOUNT, WIND. HOLD OPEN (LH).	1
07	808495	HINGE, FRONT WINDOW	2				
08	808485	HINGE, PLASTIC (<i>rear window</i>) . .	1				
09	809320	GLASS, REAR.	1	<i>a</i>	<i>Use the parts listed below to fasten mount to frame:</i>		
10	809321	BULB SEAL, REAR GLASS	1	00	809180	1/4" FLAT WASHER	AR
11	809319	BULB SEAL, FRONT GLASS	1	00	809181	1/4" LOCK WASHER	AR
12	809317	GLASS, FRONT	1	00	808600	1/4"-20X5/8" BUTTN HD BOLT . .	AR
13	808095	HOLD OPEN, T-STYLE	1				
14	808486	PIN, QUICK DETATCH	4				

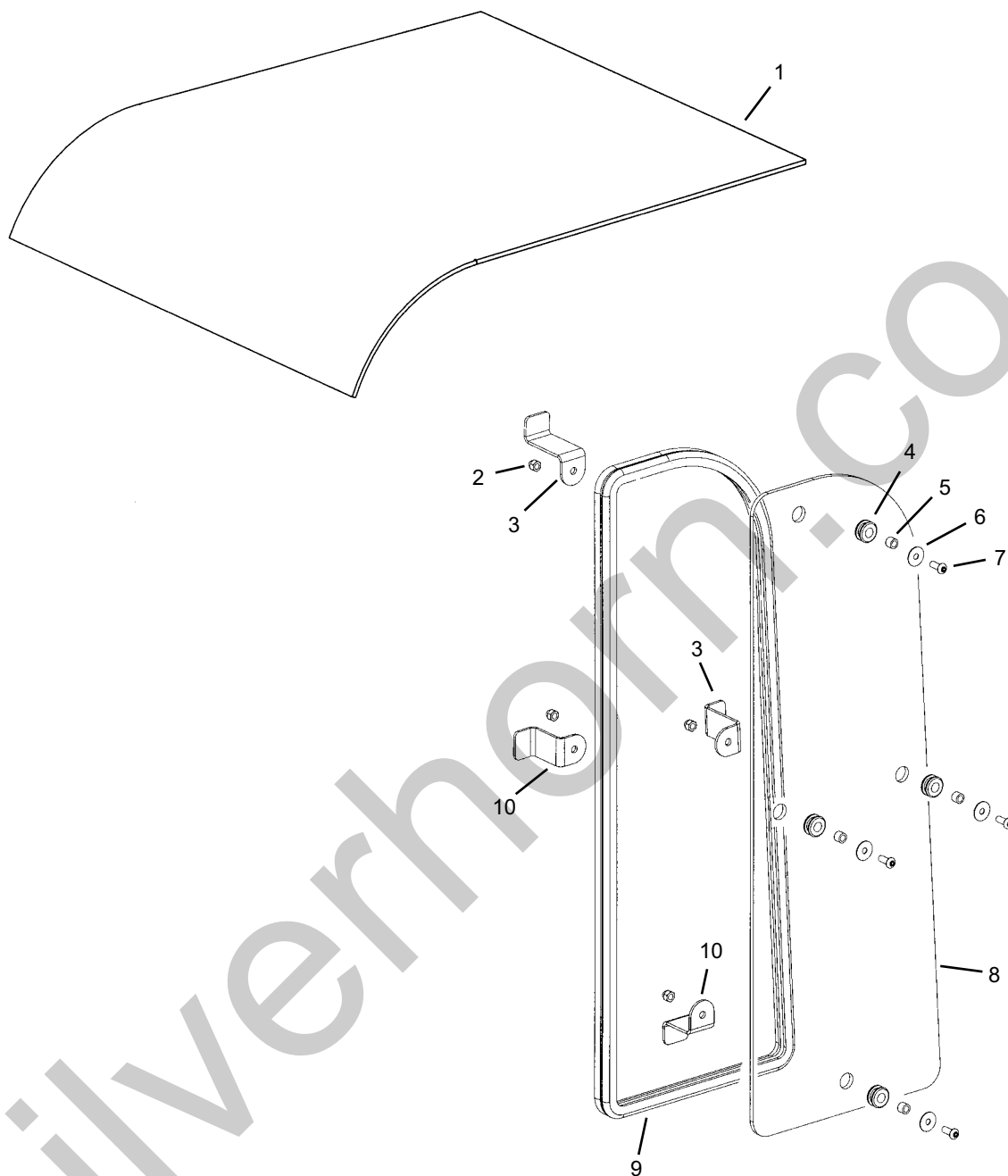
UP (TOP WINDOW)

Wiper (Option) / Front and Top Glass

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
Note: unless otherwise indicated, the following parts are used on the top and front windows.				16	808572	SCREW / M5 16mm	1
				17	808093	WASHER, #10 WEATHERTITE	2
				18	808480	NUT/ACORN #10-24 BLK	1
01	808573	BOLT / 10-24x1.25 HEX GR5	1	19 ^c	808560	BUSHING / NYLON	2
02	808479	WASHER/BLK NYLON	1	20	808089	BOTTLE, DUAL -PUMP WASHER	1
03	808562	COVER WIPER MOTOR	1	-- ITEMS NOT SHOWN --			
04	808561	WIPER MOTOR / TRICO	1	(Windshield Wiper Harness)			
05 ^c	808570	TOWER SEAL / TRICO WIPER	1	00	809331	HARNESS, TOP WIPER	1
06	808565	GASKET / PANTO ADAPTER	1	00	809332	HARNESS, FRONT WIPER	1
07	808574	PANTO ADAPTER PLATE	1	(Windshield Washer System)			
08	808494	ADAPTOR/WET ARM	1	00	808321	HARNESS, WASHER BOTTLE	1
09	808320	WIPER BLADE (16")	1	00	808347	TUBING, WASHER (15-1/2')	1
10	808569	ADAPTER / PIN LOCK	1				
11		WIPER ARM	1				
	808566	Note a (15-12")					
	808319	Note b (18-1/2")					
12	808564	M8 / ACORN NUT	1				
13	808568	M5 / ACORN NUT	1	a	Used for front window		
14	808571	RAIN SHIELD	1	b	Used for top window		
15	808563	M18 / NUT	1	c	Not used on top window		



Top and Left Window (Option)

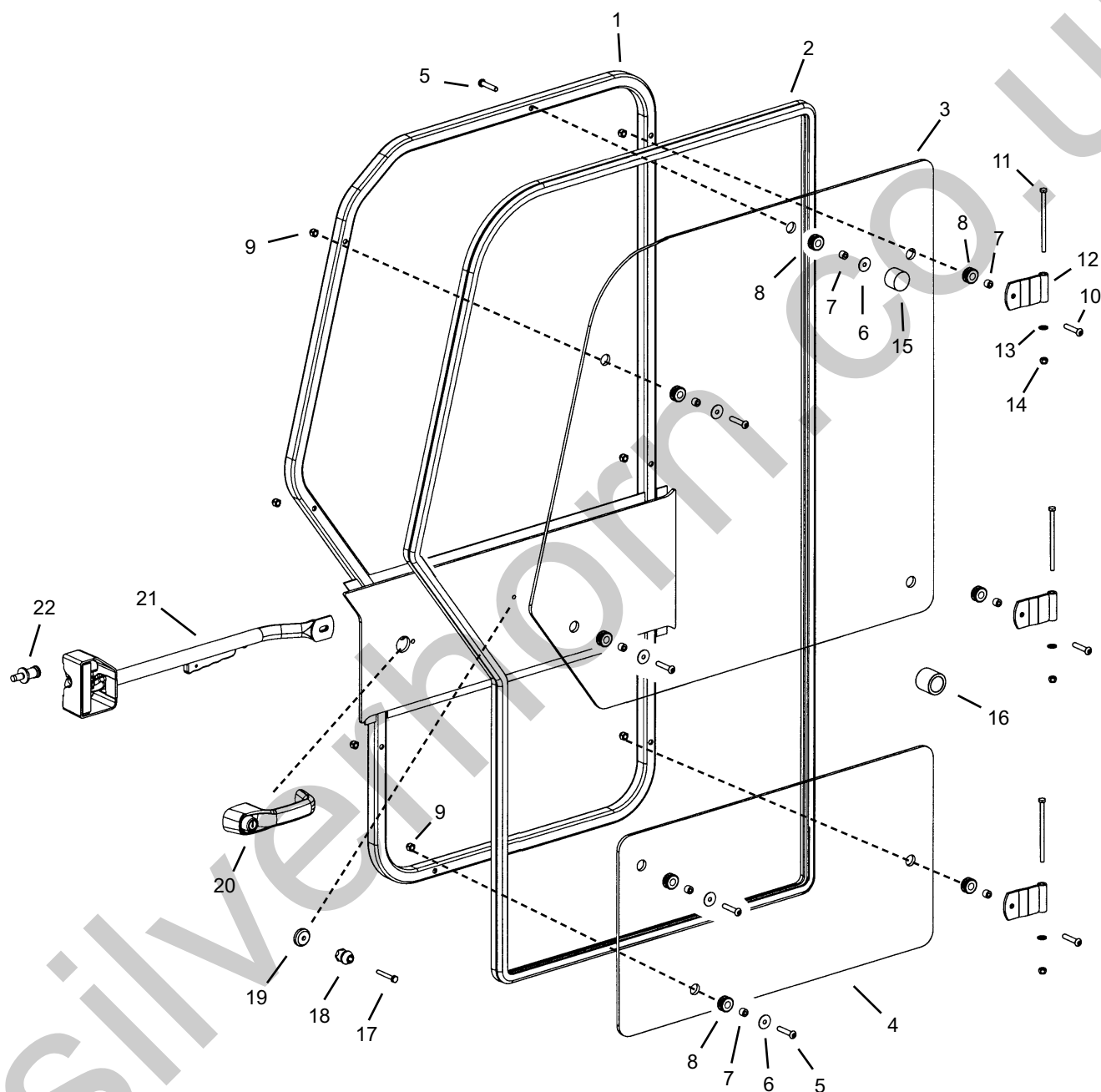


FRONT 

Top and Left Windows (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	809324	GLASS, TOP	1	08	809323	GLASS, LEFT REAR.	1
02	808490	5/16"-18 ACORN NUT	AR	09	809322	BULB SEAL, LEFT GLASS.	1
03	808252	WINDOW MOUNT.	2	10	808253	WINDOW MOUNT.	2
04	808483	GROMMET, 1/2"IDX1/4"GROOVE	4				
05	808491	BUSHING, STEEL	4	a	Use P/N 808934 Adhesive Kit to attach top glass to cab.		
06	808422	5/16" FLAT WASHER (BLACK).	4				
07	808420	5/16"-18X1" BUTTN HD BOLT	4				

Cab Door (Option)

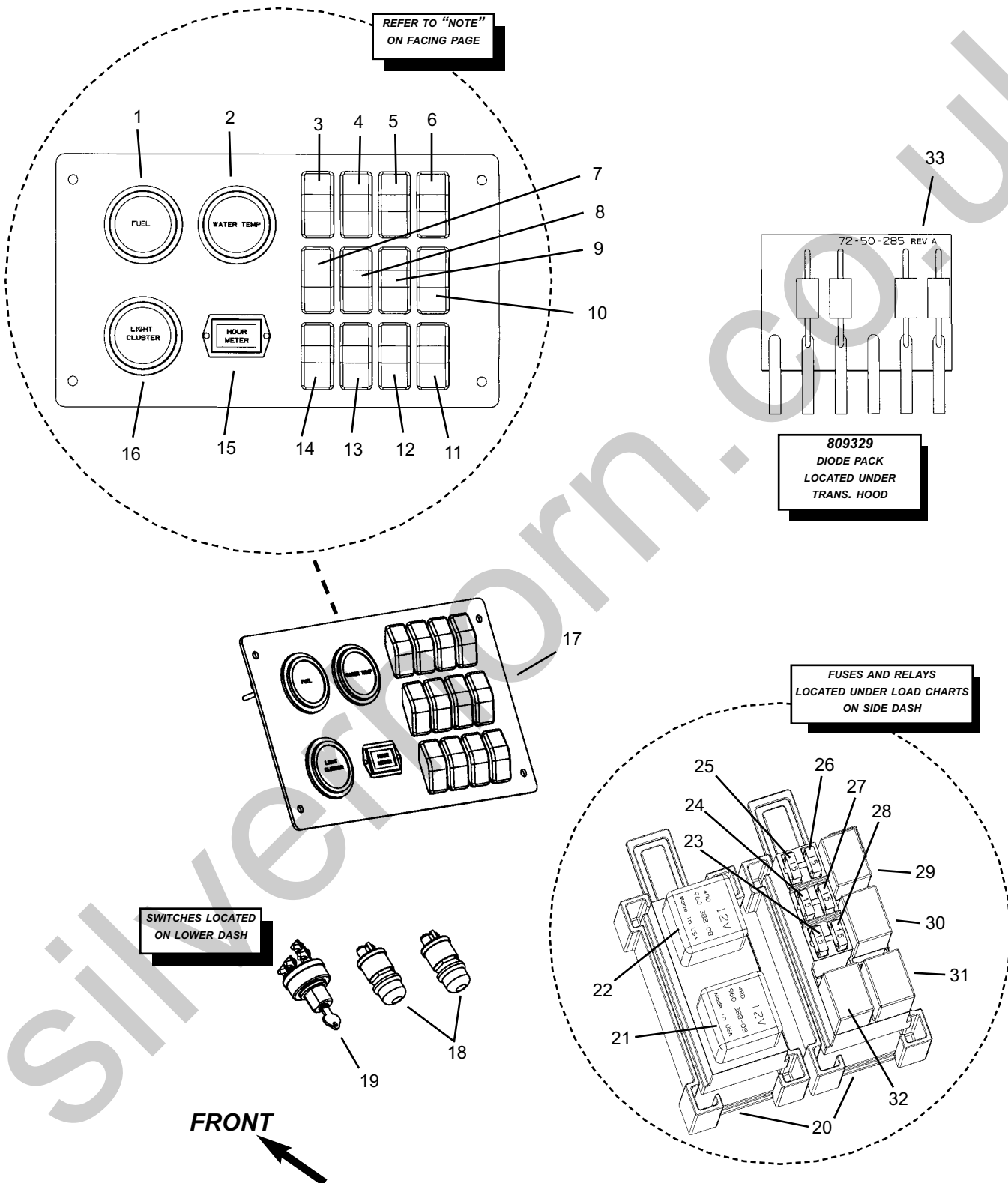


FRONT 

Cab Door (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	808348	CAB DOOR 1 (includes items 1-10, 12 and 15)		16	808489	HOLD OPEN/DOOR (SET)..... 1 (includes item #18) [mounts to cab]	
01	808303	WELDMENT, CAB DOOR FRAME . 1		17	808413	1/4"-20x1-1/2" BOLT 1	
02	808246	BULB SEAL, DOOR FRAME 1		18	NSS	HOLD OPEN/DOOR STUD..... 1 (included with item #16 as a set)	
03	808238	GLASS, UPPER DOOR 1		19	808094	GLASS MOUNT 1	
04	808239	GLASS, LOWER DOOR 1		20	808327	HANDLE, EXT. DOOR LOCKING.. 1	
05	808419	5/16"-18X1-3/4" BUTTN HD BOLT . 5			808097	KEY ONLY 1	
06	808422	5/16" FLAT WASHER (BLACK).... 5		21	808310	LATCH RELEASE, INTERIOR 1	
07	808491	BUSHING, STEEL 8			809185	1/4-20X1-1/4" FLAT HD SCREW.. 2	
08	808483	GROMMET, 1/2"IDX1/4"GROOVE . 8			808600	1/4-20X5/8" BUTTN HD BOLT... 1	
09	808490	5/16"-18 ACCORN NUT (BLACK).. 8			809186	M6-1X12 8.8 BOLT..... 2	
10	809383	5/16"-18X2" BUTTN HD BOLT 3			808484	FLAT WASHER (BLACK)..... 1	
11	808417	1/4"-20X4-1/2" BOLT 3			808661	1/4"-20 NYLON INSERT NUT 2	
12	808317	WELDMENT, DOOR HINGE..... 3			808891	1/2" HOLE PLUG 2	
13	808145	HINGE BEARING (washer)..... 3		22	808086	STRIKER..... 1	
14	808662	5/16"-18 NYLON INSERT NUT.... 3			809187	7/16" LOCK WASHER 1	
15	808323	BUMPER, DOOR 1			809188	7/16" FLAT WASHER..... 1	
					809189	7/16"-14 NUT 1	

Instrument Panel, Switches and Fuses

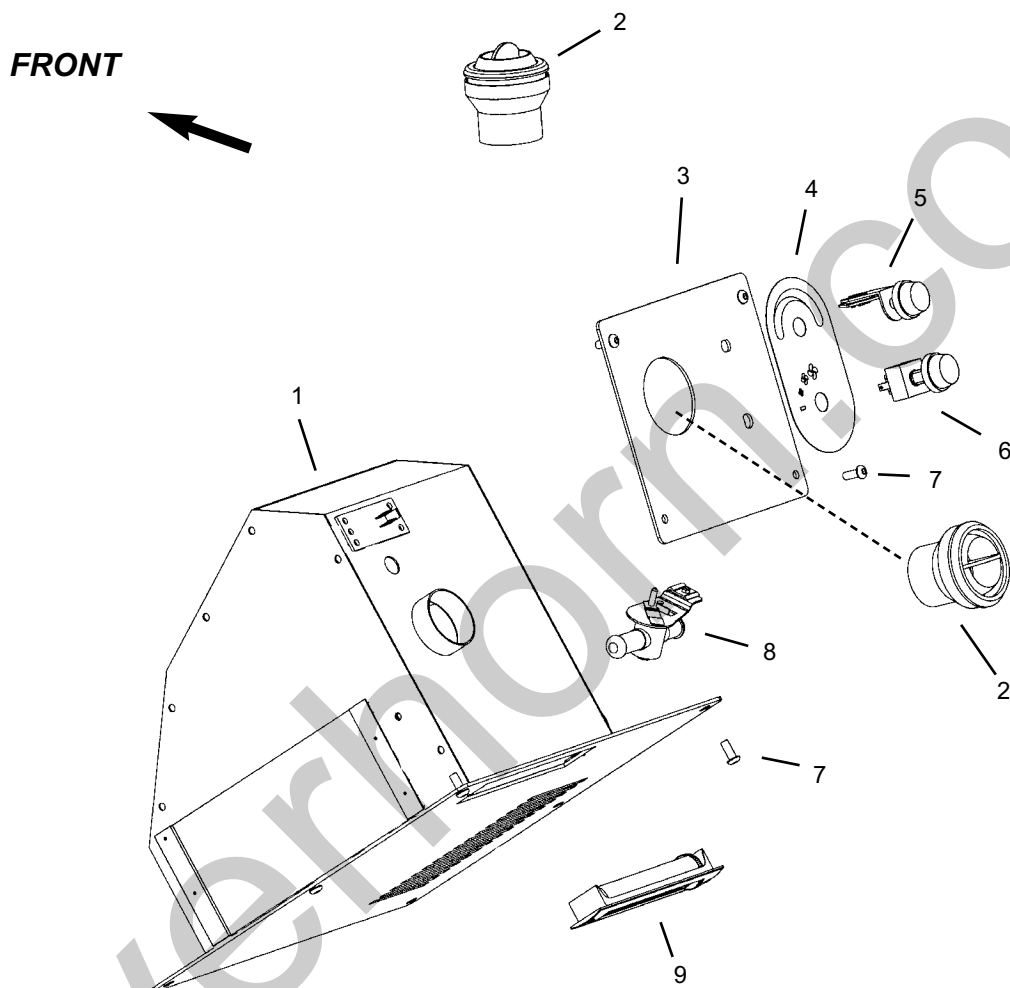


Instrument Panel, Switches and Fuses

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^c	808724	GAUGE, FUEL	1	29	808395	MICRO RELAY, 20 AMP	1
02 ^c	808809	GAUGE, WATER TEMP.	1	30	808395	MICRO RELAY, 20 AMP	1
03	808922	SWITCH, STEER MODE.	1	31	808395	MICRO RELAY, 20 AMP	1
04	808083	SWITCH, ENGINE FAULT.	1	32	808395	MICRO RELAY, 20 AMP	1
05	808928	SWITCH, CLUTCH CUT OUT.	1	33	809329	DIODE PACK, 4 DIODES	1
06	808921	SWITCH, PARK BRAKE	1			(included with item 00 809346	
07	808926	SWITCH, LIGHTS	1			wire harness below)	
08	808927	SWITCH, TURN SIGNALS	1				
09	808924	SWITCH, HAZARD LIGHTS	1			-- ITEMS NOT SHOWN --	
10	808938	SWITCH, PWP	1	00	809346	WIRE HARNESS, FRAME	1
11 ^a	NA	OPTIONAL SWITCH	1			(includes the following diode and fuse):	
12	808925	SWITCH, ETHER	1		809329	DIODE PACK, 4 DIODES.	1
13	808923	SWITCH, WIPER/WASHER	1			(located under chassis cover just	
14	808923	SWITCH, WIPER/WASHER	1			in front of transmission)	
15	808069	GAUGE, HOUR METER	1		808500	60 AMP MAXI FUSE	1
16	808721	GAUGE, LIGHT CLUSTER	1			(located near engine starter)	
17	808308	PANEL, DASH.	1	00	808707	GROUND STRAP	1
		(does not include switches or gauges)					
18	808438	SWITCH, PUSH BUTTON.	2				
19	808073	SWITCH, IGNITION w/KEY.	1	a		Use P/N 809694 Switch Hole Plug to cover hole	
	808074	KEY ONLY	1			when switches are not present.	
20 ^b	809821	HARNESS KIT, CANOPY	1	b		Not all connections or terminals are shown in this	
21	808892	CHANGE OVER RELAY 20 AMP	1			illustration. The fuse and relay blocks as shown	
22	808892	CHANGE OVER RELAY 20 AMP	1			are located under the load chart panel on the	
23	808394	FUSE, MINI 15 AMP	1			side dash.	
24	809338	FUSE, MINI 25 AMP	1				
25	809338	FUSE, MINI 25 AMP	1				
26	809338	FUSE, MINI 25 AMP	1	c		Back light kit #809341; for illuminating gauges.	
27	808394	FUSE, MINI 15 AMP	1				
28	808394	FUSE, MINI 15 AMP	1				
						Note: Switches shown in the Illustration or listed on this	
						page are for reference purposes only. Your	
						machine might be configured differently or might not	
						include all of the options shown.	

FUSE AND RELAY REFERENCE	
21	(Relay #2) - 20 AMP change-over relay - PARK BRAKE
22	(Relay #1) - 20 AMP 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

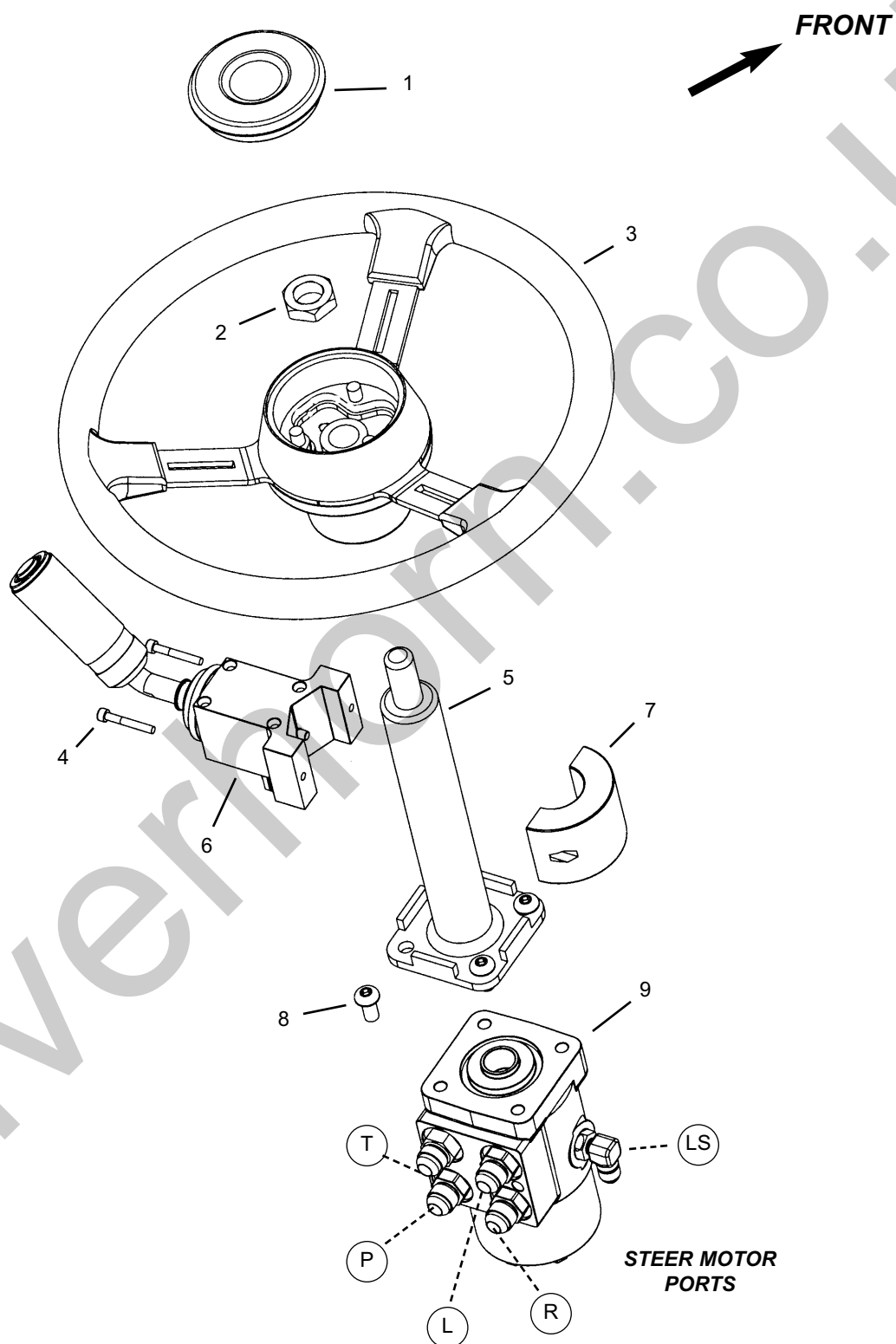
Heater (Option)



Heater (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808318	HEATER ASSEMBLY 1 (Includes items 1-9)		06	808411	SWITCH, VARIABLE SPEED 1	
	808351	BLOWER MOTOR (only) 1		07	808600	1/4"-20X5/8" BUTTN HD BOLT ... 10	
02	809542	GRILL, DEFROSTER 2		08	808496	VAVLE, WATER 1	
03	808324	INSTRUMENT PANEL 1		09	808412	LOUVER 1	
04	808325	DECAL, HEAT CONTROL 1				-- ITEMS NOT SHOWN--	
05	808352	CONTROL, TEMPERATURE 1		00	NSS	5/8" HEATER HOSE (10') 1	
	809165	KNOB ONLY AR		00	809403	HEATER HOSE CLAMP. AR	

Steering Column and Shifter Group

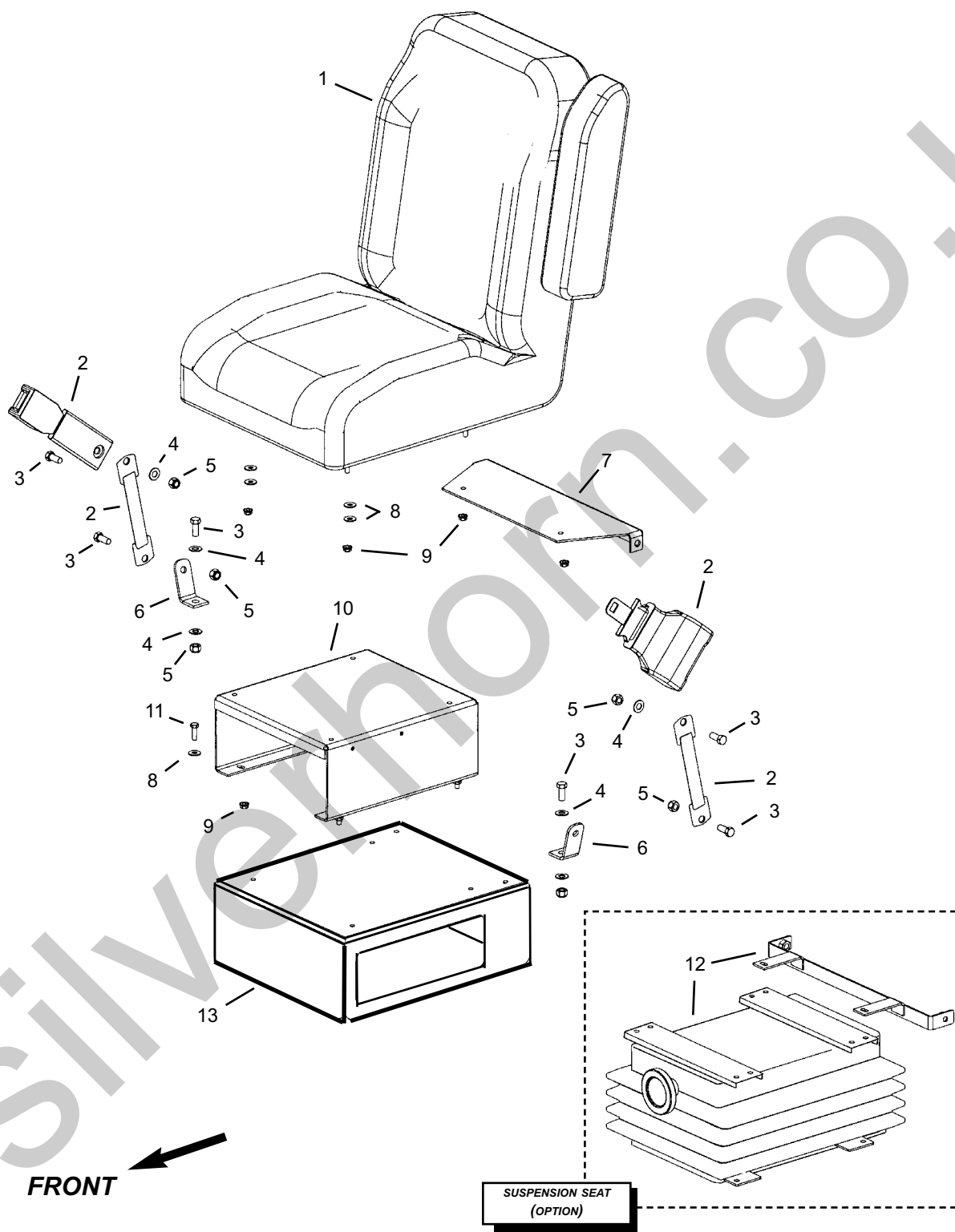


Steering Column and Shifter Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808435	CAP, STEERING WHEEL	1	08	808668	3/8"-16X1-1/4" BUTTN HD BOLT . .	4
02	808436	NUT, STEERING WHEEL	1	09	809292	MOTOR, STEER	1
03	809615	STEERING WHEEL	1				
04	808586	M5X.8X35mm HX SKTHD BOLT . .	2				
05	808262	COLUMN, STEERING	1				
06	808849	F-N-R/1-2-3 SHIFTER (includes #7)	1	00	808234	WIRE HARNESS, FNR SHIFTER . .	1
	809130	BOOT	1	00	808099	MODULE, F-N-R SHIFTER	1
07	808833	CLAMP, SHIFTER(included w/ #6) .	1				

-- ITEMS NOT SHOWN--

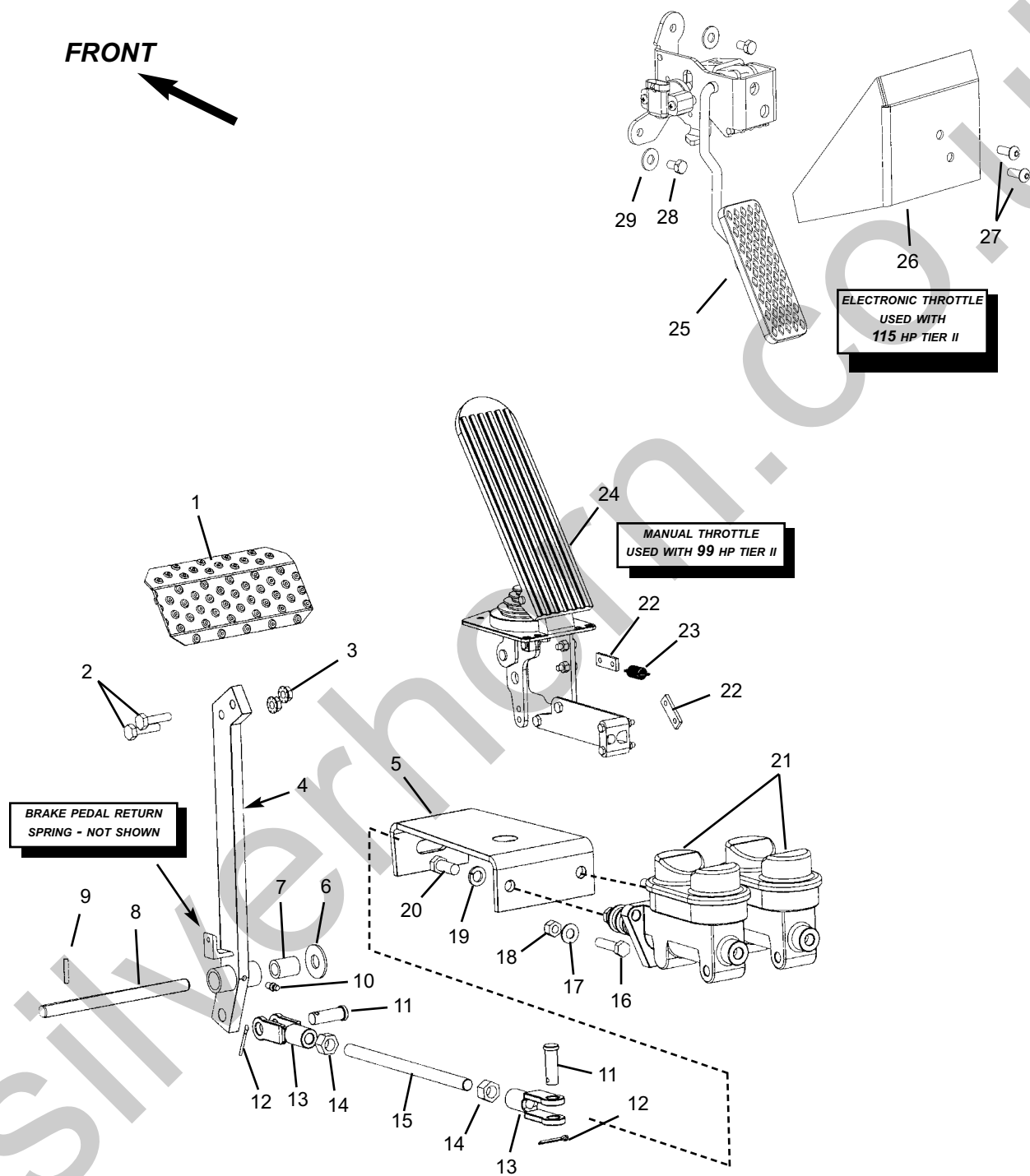
Seat



Seat

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808079	SEAT, OPERATOR'S	1	10 ^a	809195	SEAT RISER	1
	809681	ARM REST <i>(only)</i>	1	11	808640	5/16"-18X1" BOLT	AR
02	808914	SEAT BELT	1	12 ^b	808835	BELLOWS, SUSPENSION SEAT ..	1
		<i>(includes tethers)</i>				<i>(includes seatbelt / tether bracket)</i>	
03	808654	7/16"-20X1" BOLT	AR	13	809335	PEDESTAL / BOLT ON SEAT	1
04	808598	7/16" FLAT WASHER	AR				
05	808625	7/16"-20 NYLON INSERT NUT ..	AR				
06	808899	BRACKET, TETHER	2	<i>a</i>		<i>Used for standard seat only. Not used with suspension seat option.</i>	
07 ^a	808898	MOUNT, SEAT BELT	1				
08	808590	5/16" FLAT WASHER	AR	<i>b</i>		<i>Used for suspension seat option only.</i>	
09	808555	5/6"-18 NYLON INSERT NUT ...	AR				

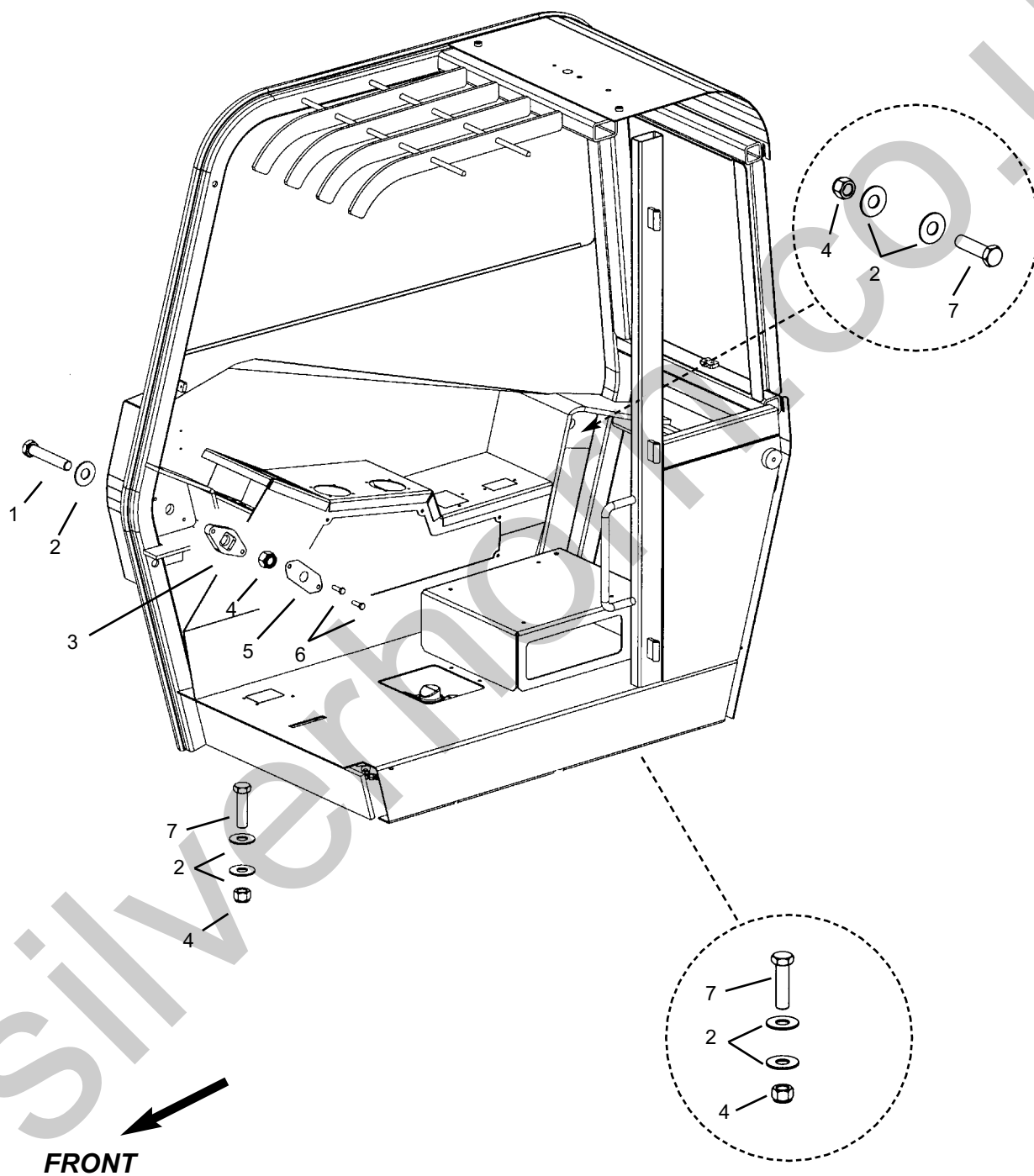
Brake and Accelerator Pedals



23^a 808705 SPRING, CABLE TENSION 1

a Used when equipped with a 99 hp TIER II engine.
b Used when equipped with a 115 hp TIER II engine.

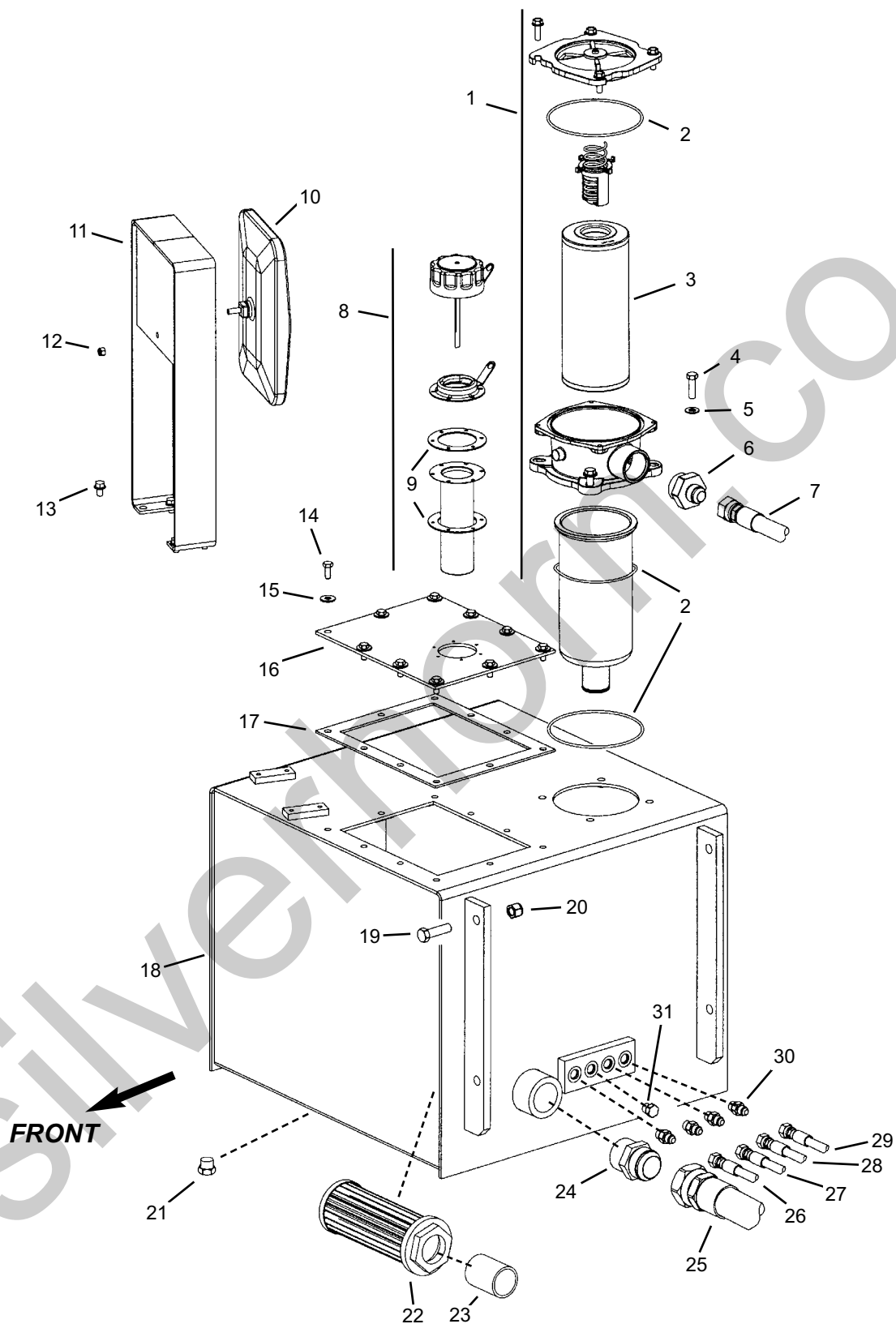
Cab Mounts



Cab Mounts

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809313	1"-8X3" GR8 BOLT	1	07	809313	1"-8X3" GR8 BOLT	3
02	809315	1" SAE FLAT WASHER	7				
03	808259	RETAINER, CANOPY NUT	1				
04	809314	1"-8 CLASS C LOCK NUT	4				
05	808092	WASHER, CANOPY NUT	1	00	808733	-- ITEMS NOT SHOWN-- HOLE PLUG, 2-1/2" DIA	1
06	808621	3/8"-16X1-1/4" BOLT	2			(plugs hole in cab where side bolt attaches)	

Hydraulic Tank Group



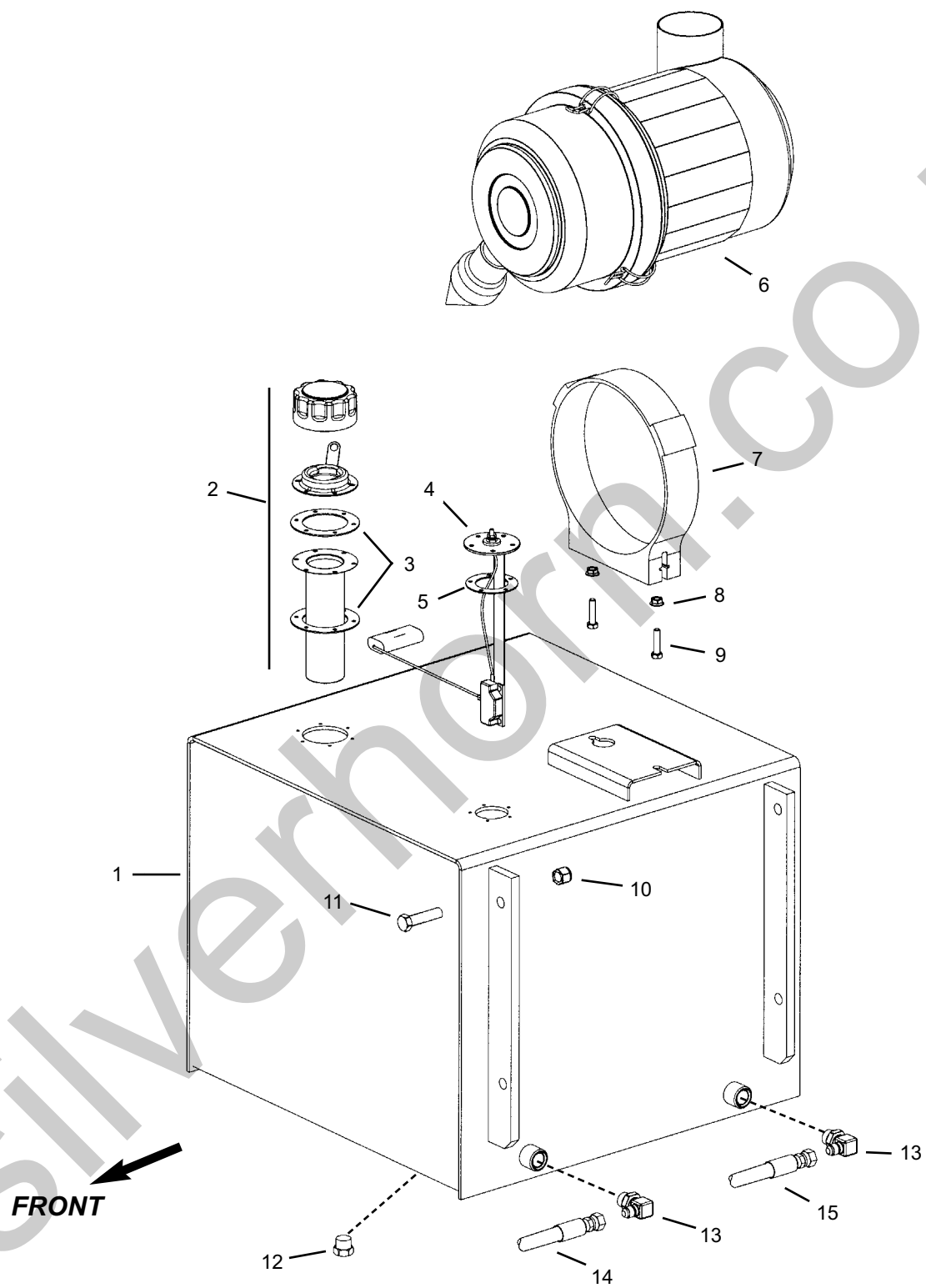
Hydraulic Tank Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808100	ASSEMBLY, IN-TANK FILTER. 1 <i>(includes items 1-3)</i>	1	18	809340	HYDRAULIC TANK WELDMENT .. 1 <i>(includes items 22 and 23)</i>	1
02	808340	SEAL KIT <i>(three o-rings)</i> 1	1	19	808612	1/2"-13X1-3/4" BOLT 4	4
03	808005	HYDRAULIC FILTER ELEMENT... 1	1	20	808665	1/2"-13 NYLON INSERT NUT 4	4
04	808621	3/8"-16X1-1/14" BOLT 4	4	21	808462	PLUG, -8ORM SAE 1	1
05	808592	3/8" FLAT WASHER 4	4	22	808006	STRAINER, HYD. OIL 1	1
06	809385	ADAP, -20ORM -12JICM 1	1	23	809499	1-1/2" THREADED PIPE 1	1
07	809540	HOSE, -12 A12/DS12 114" 1	1	24	809386	ADAP, -24NPTM -24JICM 1	1
08	809527	CAP ASSEMBLY, HYDRAULIC... 1 <i>(includes item 9)</i>	1	25	808713	HOSE, -24 A24/A24 35" 1	1
09	809660	GASKET, FILLER NECK 2	2	26	809351	HOSE, -4 A6/DS6 60" 1	1
10	808731	MIRROR, CONVEX 6-1/2"X10".... 1	1	27 ^a	809353	HOSE, -6 A6/DS6 52" 1	1
11	808736	BRACKET, MIRROR 1	1	28	809600	HOSE, -6 A6/DS8 70" 1	1
12	808661	1/4"-20 NYLON INSERT NUT 1	1	29	809361	HOSE, -6 A6/DS6 52" 1	1
13	808072	5/16"x1/2" LOCK BOLT 4	4	30	808443	ADAP, -6ORM -6JICM AR	AR
14	808603	5/16"-18x3/4" BOLT 10	10	31 ^b	809394	PLUG, -6ORM SAE 1	1
15	808590	5/16" FLAT WASHER 10	10				
16	808788	PLATE, HYDRAULIC TANK COVR. 1	1	a	Used on unit equipped with PWP.		
17	808789	GASKET, RUBBER 1	1	b	Used when unit is not equipped with PWP.		

HOSE LOCATOR

07	HYDRAULIC FILTER	MAIN VALVE "OUT"
25	HYDRAULIC TANK	HYDRAULIC PUMP "IN"
26	HYDRAULIC TANK RETURN	JOYSTICK
27 ^a	HYDRAULIC TANK RETURN	PWP VALVE "T"
28	HYDRAULIC TANK RETURN	STEER MOTOR "T"
29	HYDRAULIC TANK RETURN	FLOW DIVIDER "T"

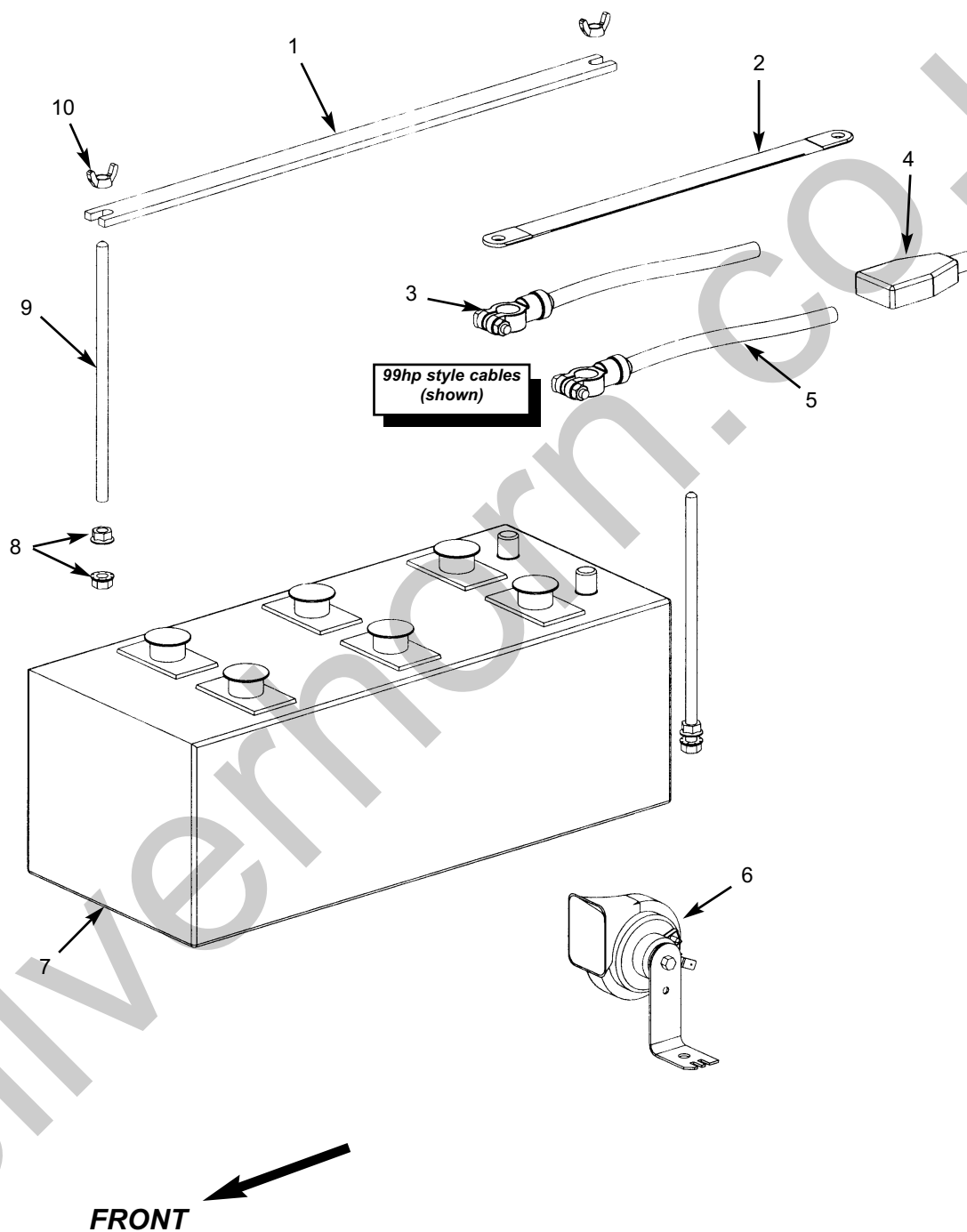
Fuel Tank Group



Fuel Tank Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809339	FUEL TANK WELDMENT	1	09	808604	5/16"-18X1-1/25" BOLT	2
02	808732	CAP, FUEL ASSEMBLY	1	10	808665	1/2"-13 NYLON INSERT NUT	4
		<i>(includes item 3)</i>		11	808612	1/2"-13X1-3/4" BOLT	4
03	809660	GASKET, FILLER NECK	2	12	808462	PLUG, -8ORM SAE	1
04 ^a	809503	SENDER, FUEL LEVEL	1	13	808457	ADAP, -8ORM -6JICM 90 DEG	2
	809108	#10-32X1/2" RD MACH SCREW	5	14	809589	HOSE, -6 K6/XX 73" (Fuel Supply)	1
05	808439	GASKET, FUEL SENDER	1	15	808298	HOSE, -4 K6/XX 73" (Fuel Return)	1
06 ^b	809378	AIR CLEANER ASSEMBLY	1				
07	809379	CLAMP, AIR CLEANER MOUNT.	1				
08	808555	5/16"-18 WHIZ LOCK NUT	2				
				<i>a</i>	<i>Includes gasket; item #5</i>		
				<i>b</i>	<i>Refer to Engine Air Intake Group for individual air cleaner components.</i>		

Battery Group

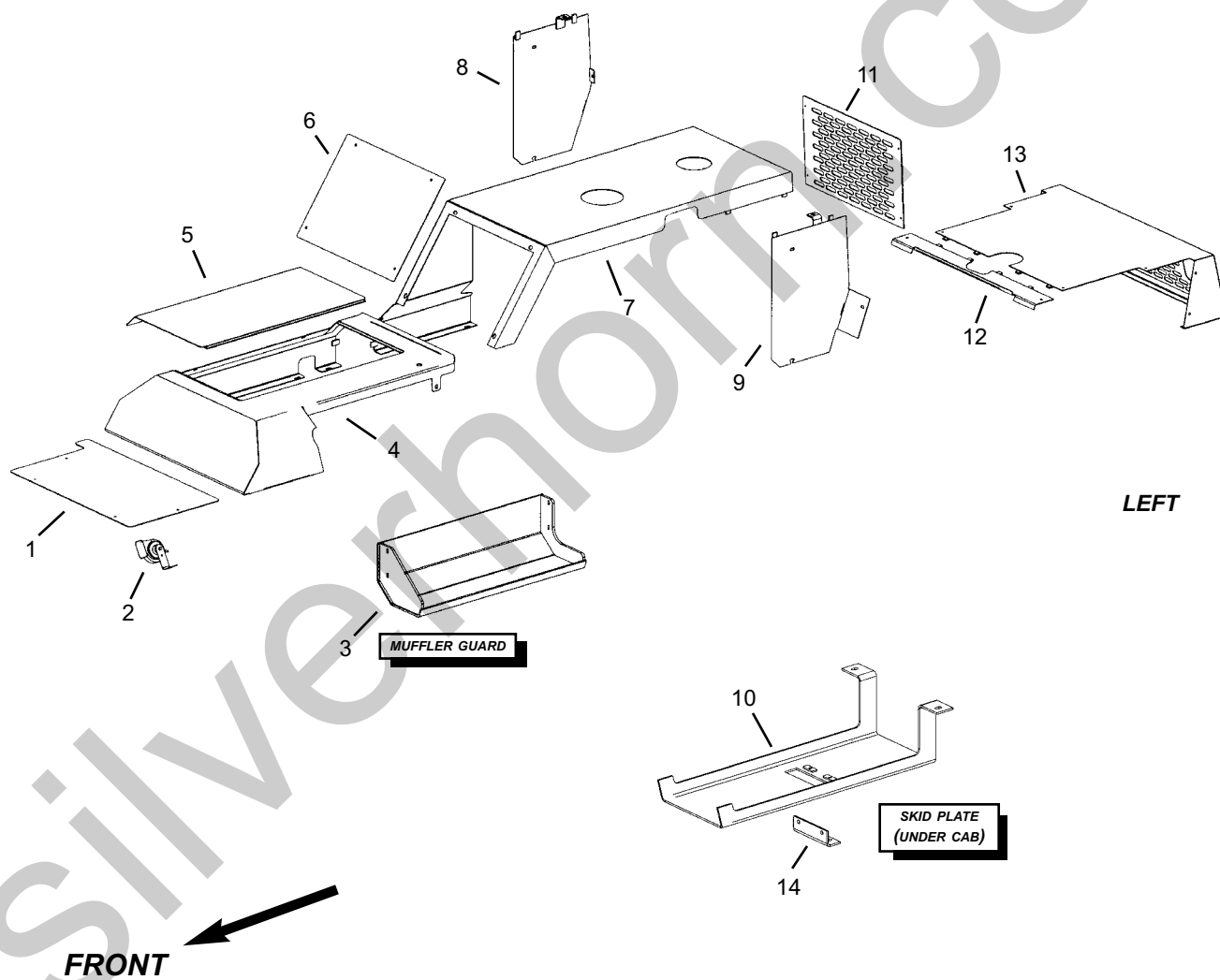


06	808437	HORN, 12V ELEC B2I.....1	809296	#8 DUTCH
07	NSS	BATTERY, 4DLT TYPE 1		

06	808437	HORN, 12V ELEC B2I..... 1	809296	#8 DUEICH S
07	NSS	BATTERY, 4DLT TYPE 1		

Hoods and Covers

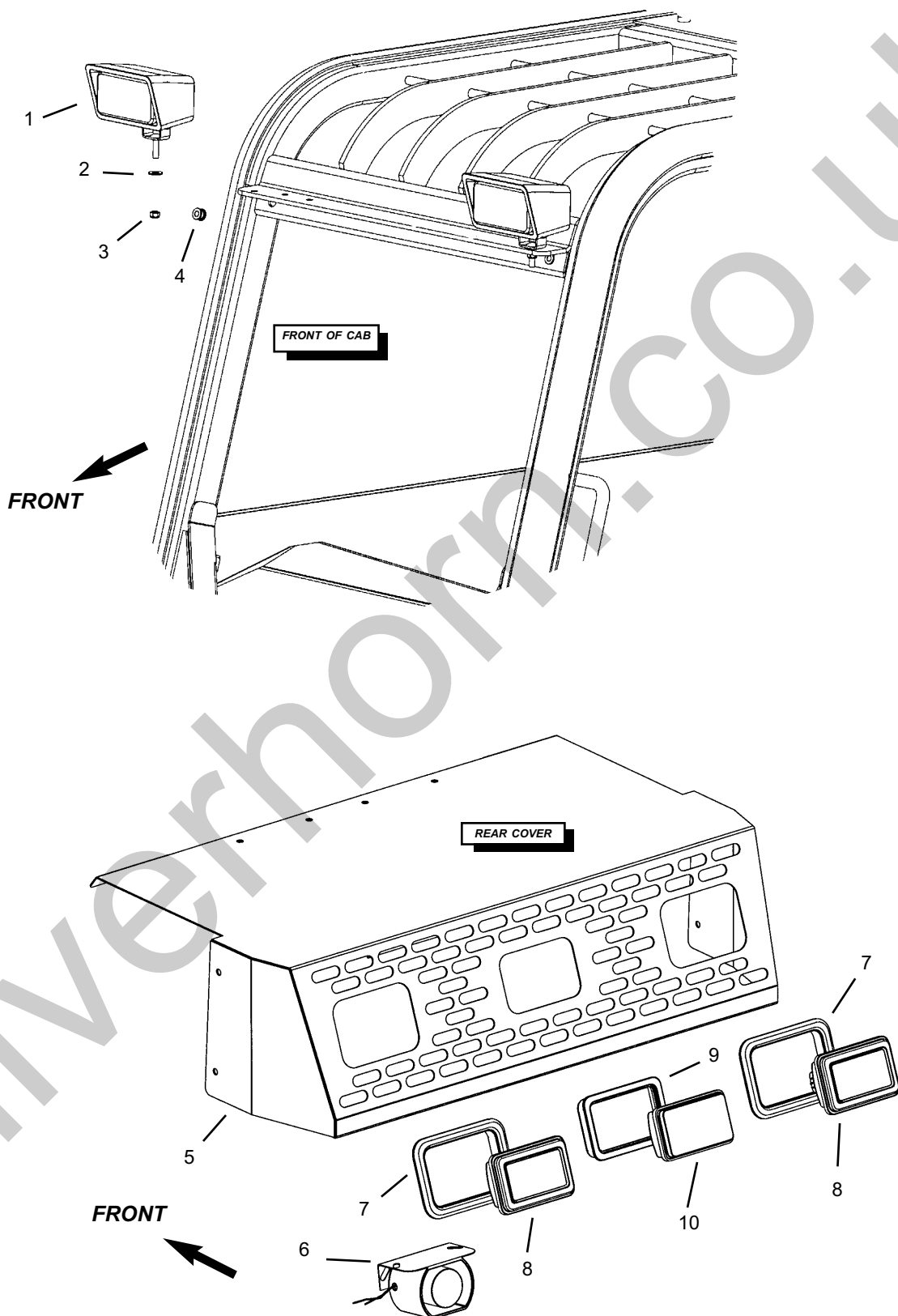
RIGHT

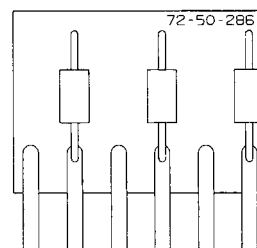


Hoods and Covers

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809609	FRONT COVER.....	1	08	809571	RADIATOR PANEL (<i>right</i>).....	1
	808667	5/16"-18X3/4" BOLT.....	4		808590	5/16" FLAT WASHER.....	2
	808671	FASTENER RETAINED NUT.....	4		808603	5/16"-18X3/4" BOLT.....	2
02	808437	HORN, 12V.....	1		808671	FASTENER RETAINED NUT.....	1
	808602	5/16"-18X1/2" BOLT.....	1	09	809570	RADIATOR PANEL (<i>left</i>).....	1
03	809563	MUFFLER GUARD.....	1		808590	5/16" FLAT WASHER.....	2
	809486	3/8"X1-1/4" BOLT.....	4		808603	5/16"-18X3/4" BOLT.....	2
04	809347	HOOD/TRANS COVER.....	1		808671	FASTENER RETAINED NUT.....	1
	808555	5/16"-18 WHIZ NUT.....	1	10	809362	SKID PLATE.....	1
	808590	5/16" FLAT WASHER.....	5	11	809568	GRILLE, RADIATOR.....	1
	808603	5/16"-18X3/4" BOLT.....	6		809565	SCREW, CAPTIVE.....	4
	808671	FASTENER RETAINED NUT.....	5		809566	RETAINER, SCREW.....	4
05	809572	COVER, BATTERY ACCESS.....	1		809567	RECEPTACLE, SCREW.....	4
06	809348	COVER, FUEL FILTER ACCESS ..	1	12	809569	REAR HOOD EXTENSION.....	1
	808667	5/16"-18X3/4" BOLT.....	4		808590	5/16" FLAT WASHER.....	2
	808590	5/16" FLAT WASHER.....	4		808603	5/16"-18X3/4" BOLT.....	2
07	809349	HOOD, ENGINE COVER.....	1		808671	FASTENER RETAINED NUT.....	1
	808555	5/16"-18 WHIZ NUT.....	6	13	809336	REAR HOOD.....	1
	808590	5/16" FLAT WASHER.....	6		808590	5/16" FLAT WASHER.....	8
	808603	5/16"-18X3/4" BOLT.....	4		808603	5/16"-18X3/4" BOLT.....	8
	808671	FASTENER RETAINED NUT.....	2		808671	FASTENER RETAINED NUT.....	8
	808640	5/16"-18x1" BOLT.....	2	14	809363	BRACKET.....	1

Front and Rear Lights

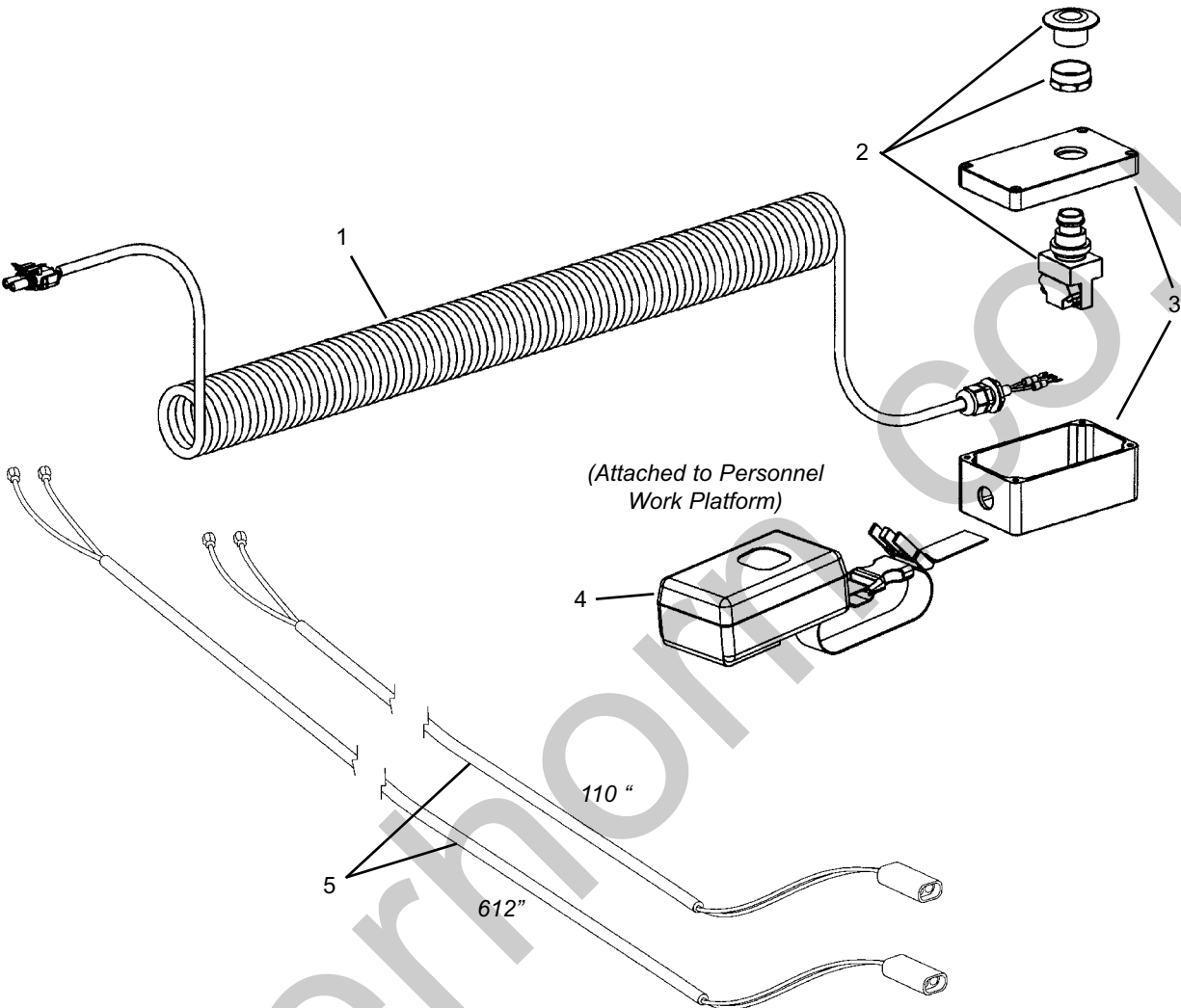




808577
DIODE PACK
LOCATED UNDER DASH
NEAR SWITCHES

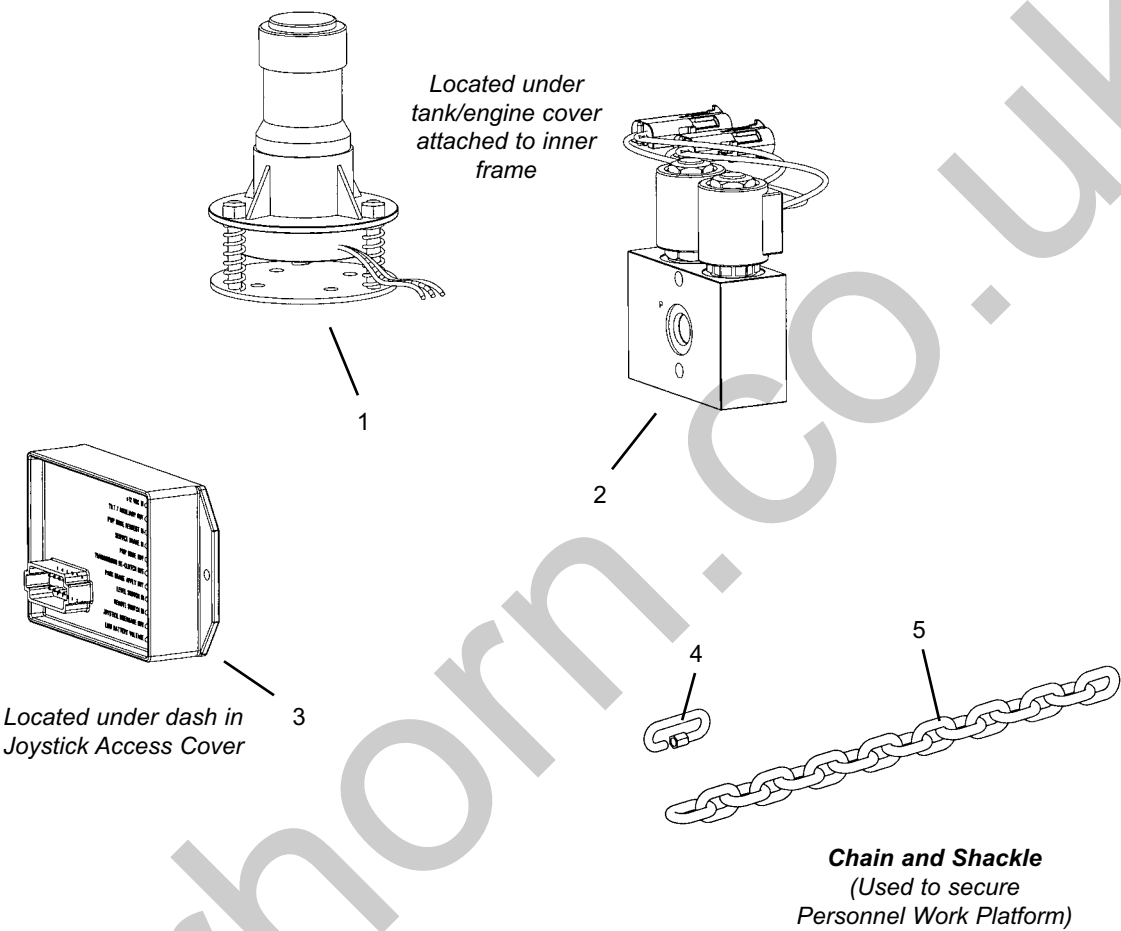
Personnel Work Platform

Boom Components



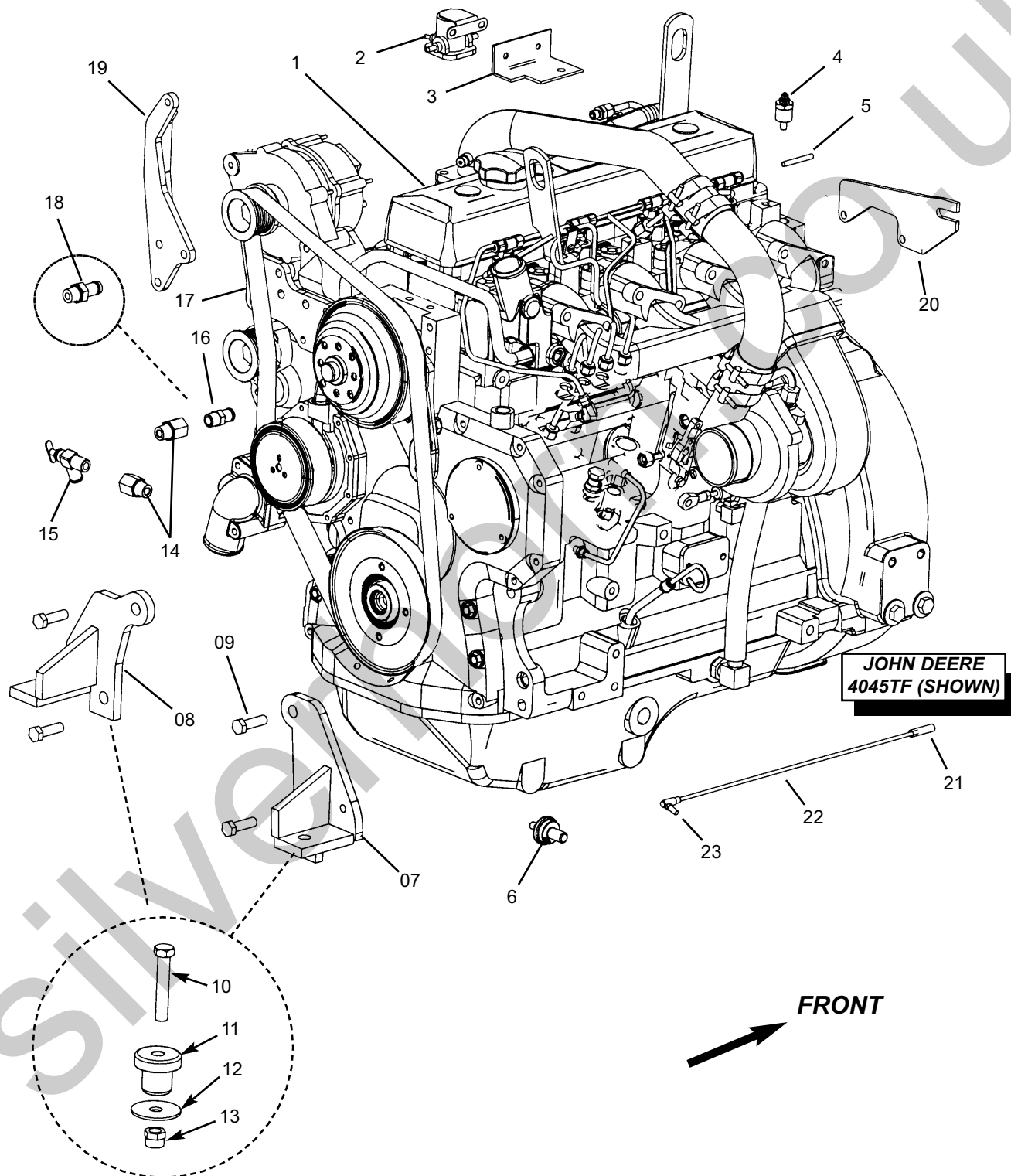
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	808942	REMOTE SWITCH W/CABLE. 1 (Includes item 1-4)	1	04	808944	REMOTE SWITCH POUCH 1	1
01	808131	CABLE ASSEMBLY. 1	1	05	808943	REMOTE SWITCH HARNESS 1 (Consists of two cables)	1
02	808941	REMOTE STOP SWITCH. 1	1				
03	808940	REMOTE SWITCH ENCLOSURE. . 1	1				

Chassis



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808935	LEVEL SENSOR	1	-- ITEMS NOT SHOWN --			
02	808127	MANIFOLD, PWP JOYSTICK	1	00	808938	PWP SWITCH (located on dash) . .	1
03	808939	PWP CONTROL MODULE	1	00	808233	PWP WIRE HARNESS	1
04 ^a	808946	5/16" CHAIN SHACKLE	1				
05 ^a	808945	5/16" CHAIN GR40 16 LINKS	1	a	Chain shackle and chain are used to secure the Personnel Work Platform.		

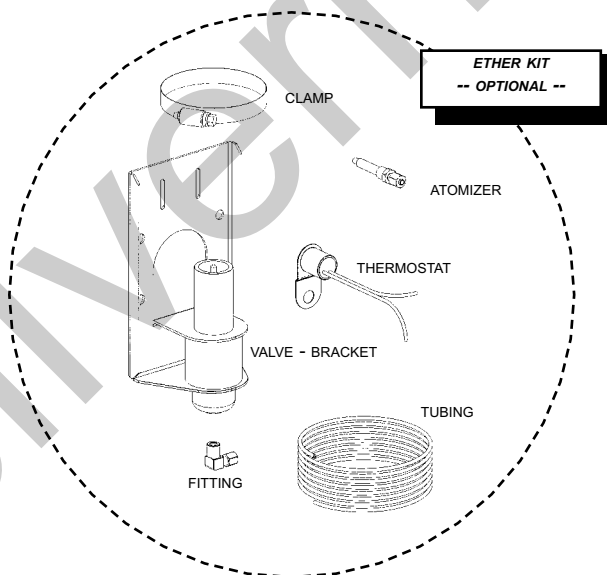
Engine - External Components



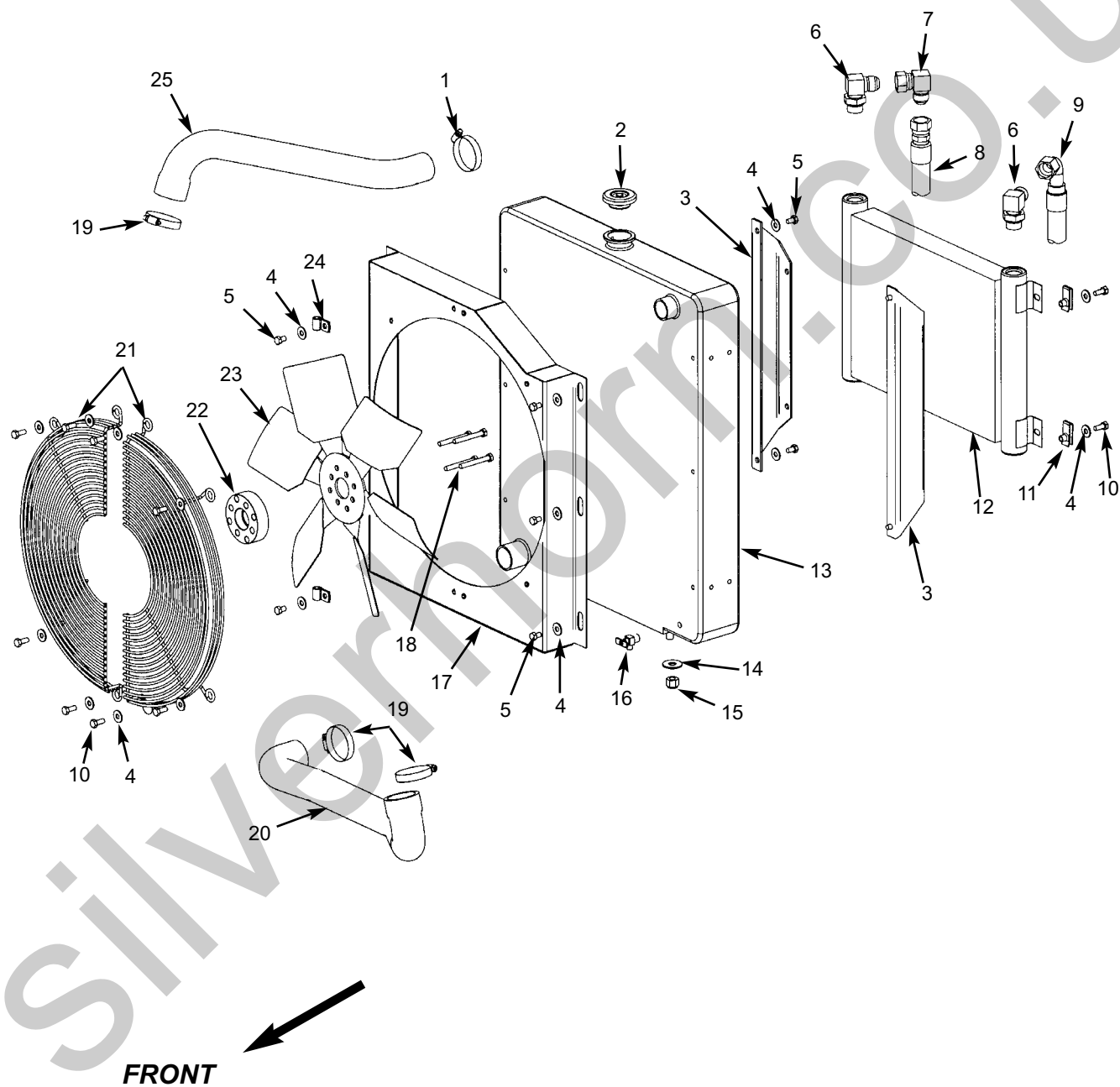
Engine - External Components

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	ENGINE, JD 4045T	1			-- ITEMS NOT SHOWN --	
02	808434	RELAY, ENGINE STARTER	1	00	808798	ENGINE BLOCK HEATER (opt.)	1
03	809586	MOUNT, RELAY	1			(Throttle Cable)	
04	808758	SENDER, WATER TEMP	1	00 ^b	808717	CABLE, THROTTLE	1
05	808861	FUEL LINE TUBE	1			(Electrical)	
06	808103	SENDER, OIL PRESSURE	1	00 ^a	808098	HARNESS, TIER II	1
07	809587	ENGINE MOUNT (right)	1			(Ether - Optional)	
08	809614	ENGINE MOUNT (left)	1	00	808322	HARNESS, ETHER KIT	1
09	808613	M16-2X35M BOLT GR8.8	4			(includes 21" BLU/WHT jumper wire)	
10	808615	5/8"-11X3-1/2" BOLT	2	00 ^d	808913	ETHER KIT (optional)	1
11	808744	MOUNT, VIBRATION ISOLATOR	2			(includes: thermostat, atomizer, valve bracket, fitting, clamp and tubing. Does not include ether canister.)	
12	808749	WASHER, ISOLATOR MOUNT	2	00	808925	SWITCH, ROCKER (ether)	1
13	808664	5/8"-11 NYLON INSERT NUT	2			(located in dash panel)	
14	808872	ADAP, M18 -6NPTF STR	2			(Fuel Line)	
15	808844	SHUTOFF, MANUAL/WATER	1	00	809551	HOSE END, -5 JICF	1
16	808843	STEM, HOSE	1	00	809589	HOSE, 3/8" X 73" (supply)	1
17	808845	FAN BELT	1	00	808298	HOSE, 1/4" X 73" (return)	1
18 ^c	808465	ADAP, M18 10 BEAD STR	1				
19	809588	BRACKET, ALTERNATOR	1				
20 ^{be}	808813	BRACKET, THROTTLE	1				
21 ^b	808772	COUPLER, ROD TO CABLE	1				
	808544	#10-32 NUT	2				
22 ^b	808771	ROD, THROTTLE EXTEND	1				
23 ^b	808676	BALL JOINT #10-32	1				
	808544	#10-32 NUT	1				

- a When equipped with a 115 HP Tier II engine. (equipped with an electronic throttle pedal)
- b When equipped with a 99 HP Tier II engine. (equipped with a manual throttle pedal)
- c Replaces item 16 and (1) of item 14.
- d Thermostat is located on engine block, and switch is located on dash.
- e Used with 99 hp TIER II engine with a manual throttle pedal. For 115 TIER II engine with electronic throttle pedal substitute Harness mount bracket P/N 808144.



Radiator and Cooler Group



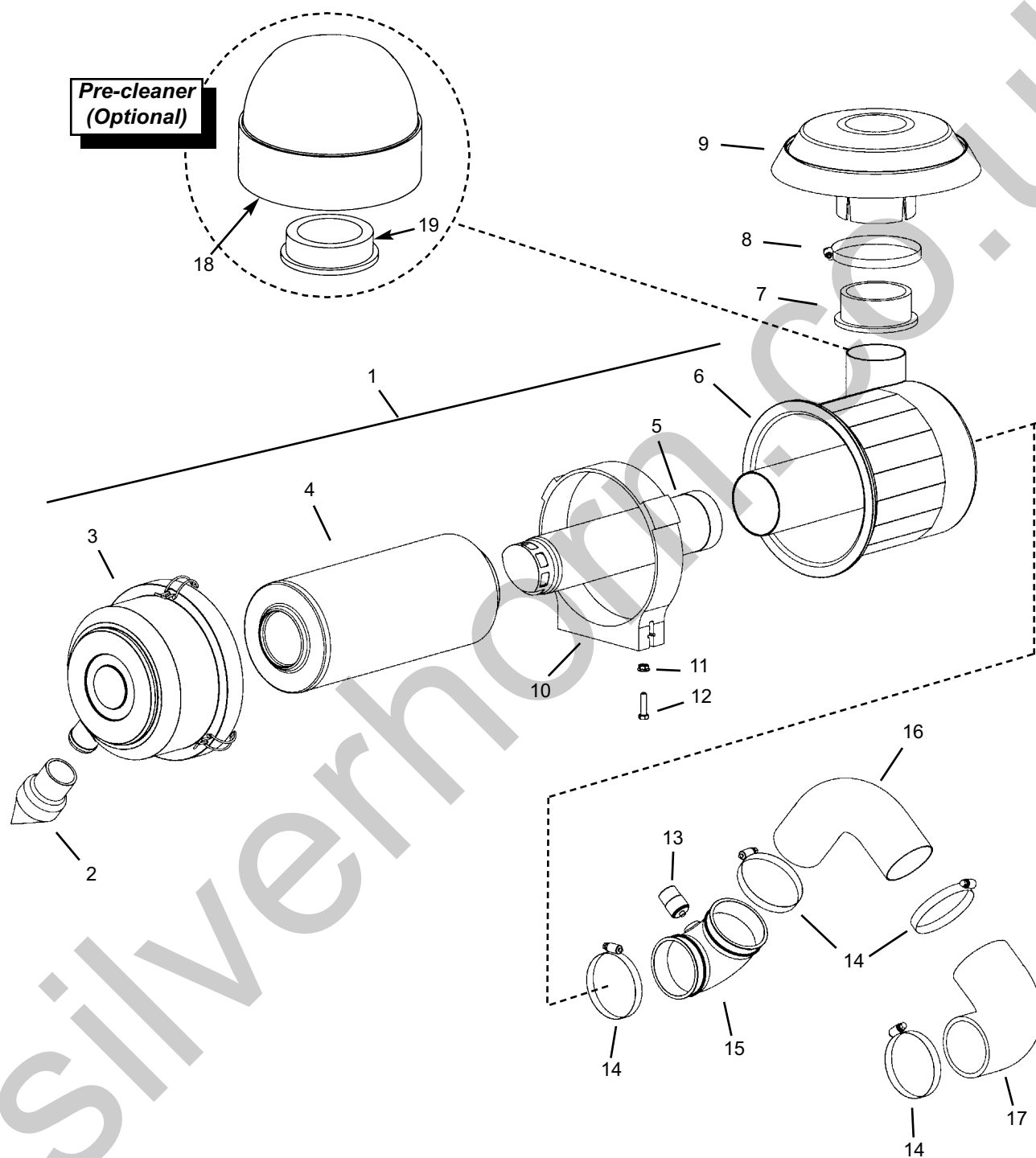
Radiator and Cooler Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808948	HOSE CLAMP	1	15	808665	1/2"-13 NYLON INSERT NUT	2
02	808106	RADIATOR CAP (10 LB.)	1	16	808433	VALVE, DRAIN COCK	1
03	809536	COOLER MOUNT	2	17	809559	SHROUD WELDMENT	1
04	808590	5/16" FLAT WASHER	AR	18	809489	M8X1.25X45MM BOLT	4
05	808602	5/16"-18X1/2" BOLT	AR	19	808947	HOSE CLAMP	3
06	808453	ADAP, -12ORM -12JICM 90 DEG ..	2	20	808841	LOWER RADIATOR HOSE	1
07	808461	ADAP -12JICFS -12JICM 90 DEG ..	1	21		FAN GUARD (HALF)	2
08	809540	HOSE -12 A12/DS12 114"	1		808726	(STANDARD) (Shown)	
09	809539	HOSE -12 DS12/A12 82"	1		809562	(WITH A/C)	
10	808603	5/16"-18X3/4" BOLT	AR	22	808815	FAN SPACER 1"	1
11	808671	5/16" NUT RETAINING CLIP	4	23	808806	FAN, 18"	1
12	809554	COOLER/HEAT-EXCHANGER	1	24	809396	VINYL CLAMP 3/8" HOSE	2
13	808468	RADIATOR	1	25	808838	UPPER RADIATOR HOSE	1
14	808595	1/2" FLAT WASHER	2				

HOSE LOCATOR

07	TRANSMISSION (top right side - near filter)	TRANSMISSION COOLER "RIGHT SIDE"
09	TRANSMISSION (left side - just under hyd. pump)	TRANSMISSION COOLER "LEFT SIDE"

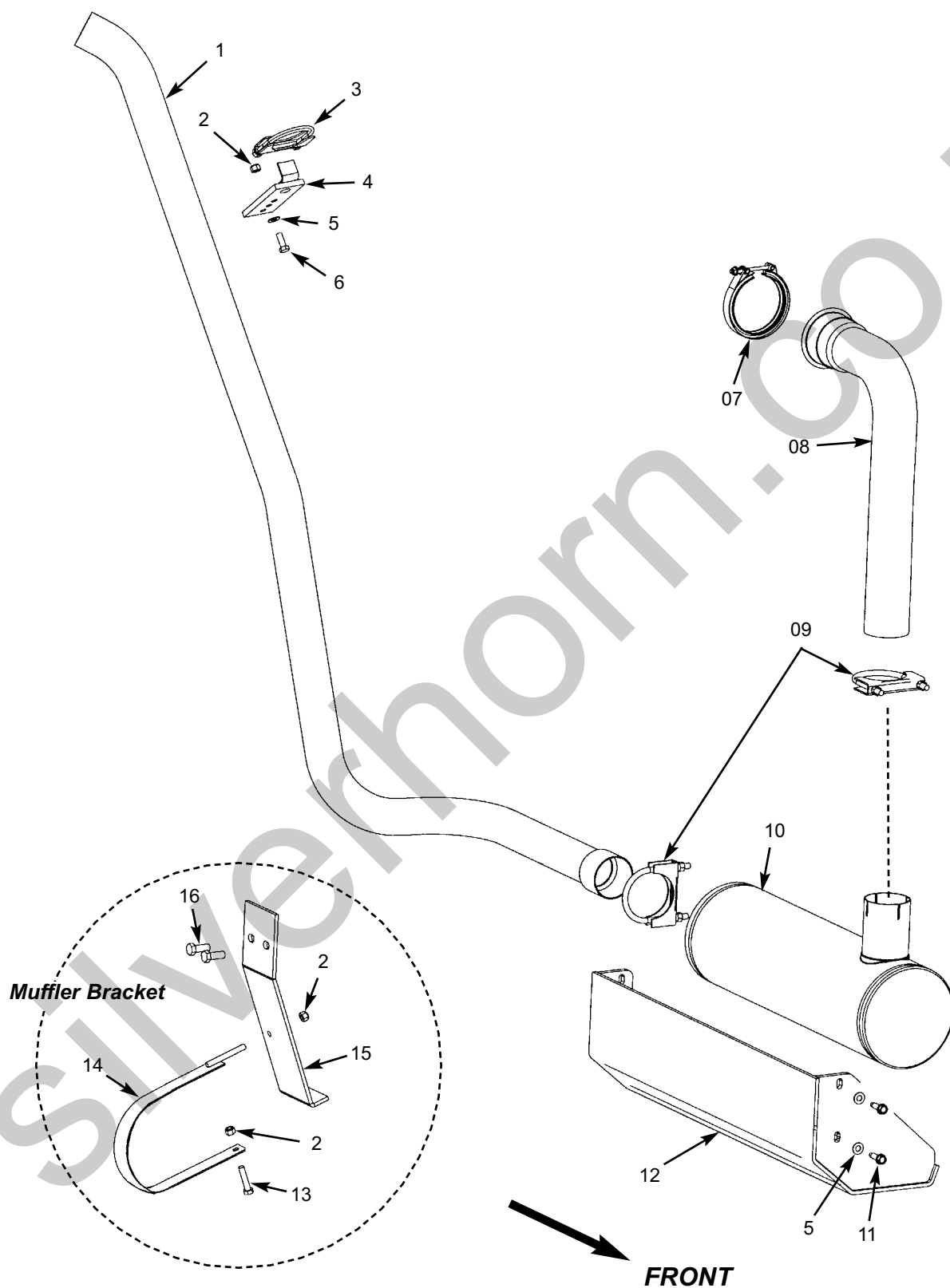
Engine Air Intake Group



Engine Air Intake Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809378	AIR CLEANER ASSEMBLY..... 1 <i>(Includes items 1-6, does not include item10)</i>		11	808555	5/16"-18 WHIZ LOCK NUT 2	
02	809381	EJECTOR/DUST..... 1		12	808604	5/16"-18X1-1/25" BOLT 2	
03	NSS	END CAP..... 1		13	809382	GAUGE, AIR RESTRICTION 1	
04	808066	PRIMARY AIR FILTER 1		14	808655	CLAMP, #52 SAE 4	
05	808067	SECONDARY AIR FILTER 1		15	809380	ELBOW, RUBBER 90 DEG..... 1	
06	NSS	HOUSING 1		16	809560	ELBOW, METAL 3" OD 90DEG.... 1	
07	809327	REDUCER, 3.84' TO 3.25" 1		17	808427	ELBOW, RUBBER 3" ID 90 DEG .. 2	
08	808659	CLAMP, #72 SAE 1		18	809308	PRE-CLEANER <i>(optional)</i> 1	
09	808781	CAP, AIR INLET <i>(standard)</i> 1		19	809316	REDUCER, RUBBER 4"-3.25" 1	
10	809379	CLAMP, AIR CLEANER MOUNT. ... 1					

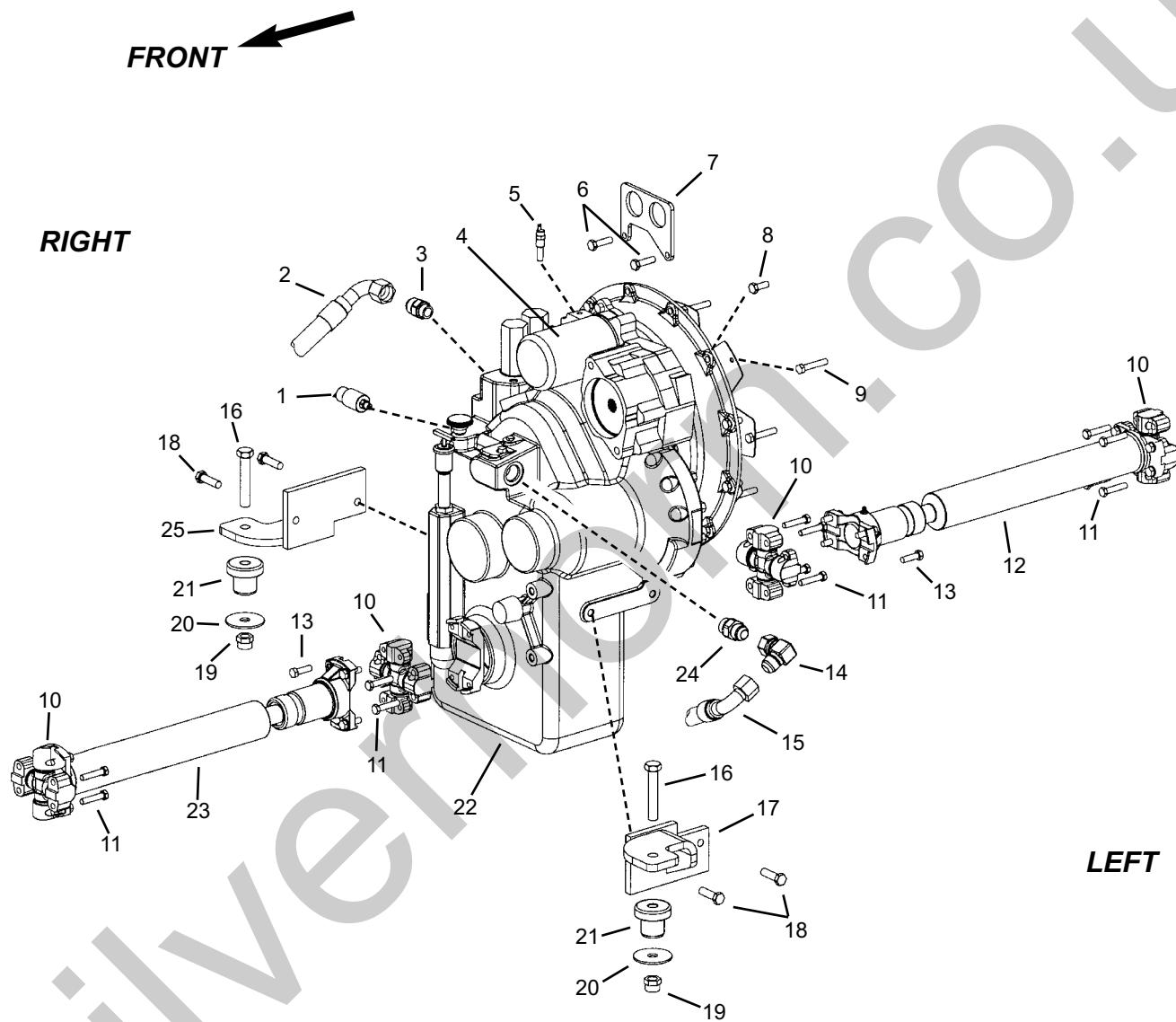
Engine Exhaust Group



Engine Exhaust Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809309	TAILPIPE.....	1	09	808678	3" MUFFLER CLAMP.....	1
02	808663	3/8"-16 NYLON INSERT NUT ... AR		10	808778	MUFFLER.....	1
03	808428	MUFFLER CLAMP (2-1/2" CLAMP) 1		11	809486	3/8"-16X1-1/4" SELF TAP BOLT ... 4	
04	808777	TAILPIPE HANGER.....	1	12	809563	MUFFLER GUARD.....	1
05	808592	3/8" FLAT WASHER..... AR		13	808643	3/8"-16X1-3/4" BOLT.....	1
06	808617	3/8"-16X1" BOLT..... AR		14	808684	MUFFLER STRAP.....	1
07	809131	TURBO CLAMP.....	1	15	808765	MUFFLER BRACKET.....	1
08	808839	EXHAUST PIPE.....	1	16	809491	M12 1.75X30mm BOLT.....	2

External Components Group



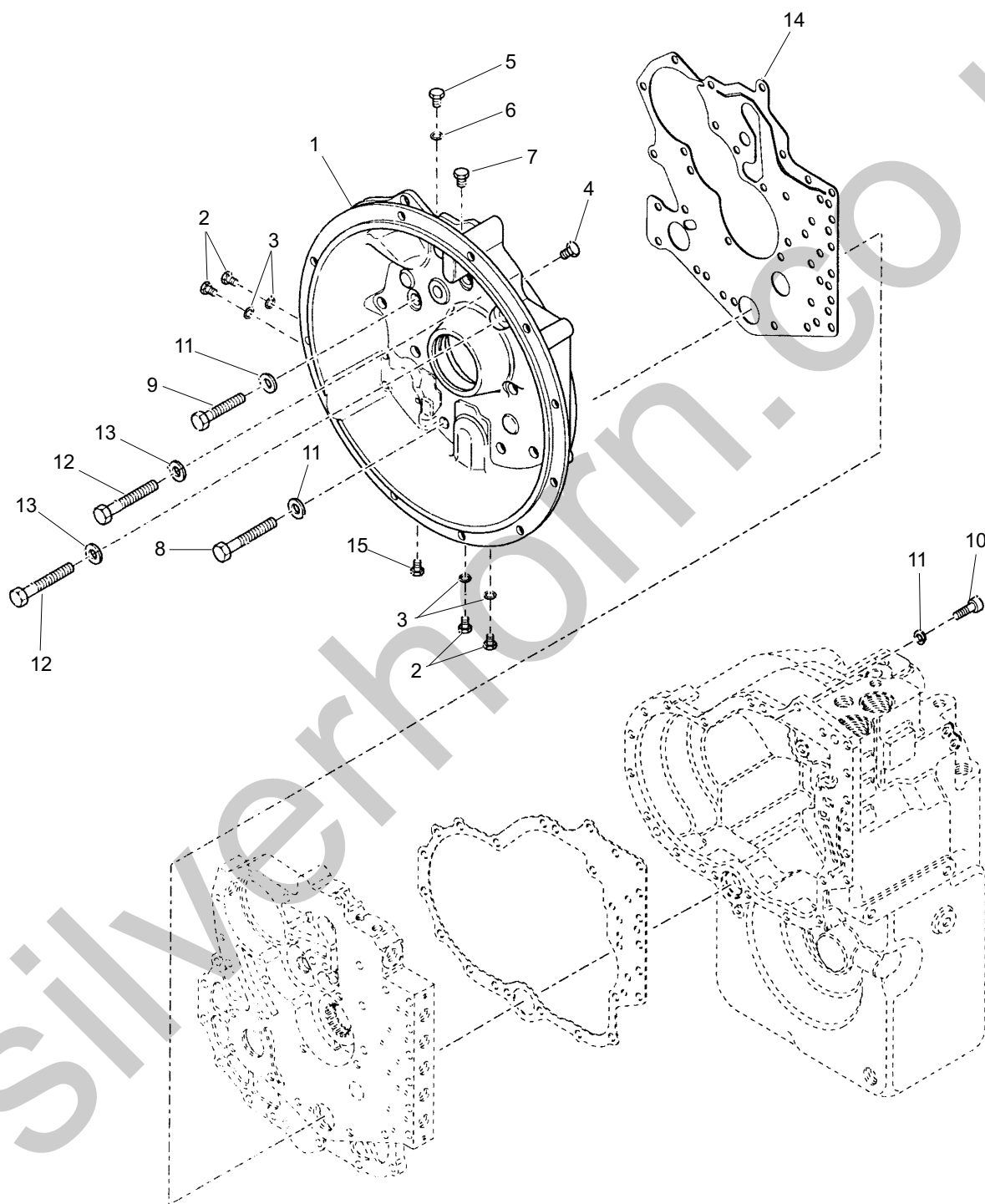
External Components Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808842	SWITCH, REVERSE PRESSURE . . . 1			808593	3/8" LOCK WASHER 8	
	808452	ADAP, -3ORM (<i>not shown</i>) 1		14	808461	ADAP, -12JICM -12JICFS 90 DEG . 1	
02	809540	HOSE, -12 DS12/A12 114" 1		15	809539	HOSE, -12 DS12/A12 82" 1	
03	808447	ADAP, -10ORM -12JICM STR 1		16	808615	5/8"-11X3-1/2" BOLT 2	
04	808004	FILTER, TRANSMISSION OIL 1		17	809582	TRANS MOUNT (<i>left</i>) 1	
05	808828	SENDER, TEMP 250 DEGREE . . . 1		18	809490	M12X1.75X40mm BOLT 4	
06 ^d	808636	M10X1.5X35mm 2		19	808664	5/8"-11 NYLON INSERT NUT 2	
07 ^e	808144	BRACKET, HARNESS MOUNT . . . 1		20	808749	WASHER, ISOLATOR MOUNT . . . 2	
08	808650	M10X1.5X25mm 10		21	808744	MOUNT, VIBRATION ISOLATOR . . 2	
09 ^c	808641	3/8"-24X2" GRADE 8 BOLT 8		22	808235	TRANSMISSION, 1106 T12000 . . . 1	
10	809107	UNIVERSAL JOINT 4		23	809584	DRIVESHAFT, FRONT 1	
		(<i>includes bolts</i>)		24	808442	ADAP, -12ORM -12JICM STR. . . . 1	
11 ^a	808623	3/8"-24X1-3/4" GR8 BOLT 16		25	809583	TRANS. MOUNT (<i>right</i>) 1	
12	809585	DRIVESHAFT, REAR 1					
13 ^b	809695	3/8"-24X1-1/4" GR 8 BOLT 8					
				a	Used to fasten universal joint to transmission and to axle yokes.		
				b	Used to fasten universal joint to driveshaft.		
				c	Used to fasten flex plate to flywheel.		
				d	Used to fasten wire harness bracket to transmission		
				e	Used with 115 hp TIER II engine with electronic throttle pedal. For 99 hp TIER II engine with manual throttle pedal substitue Throttle cable bracket P/N 808813.		

HOSE LOCATOR

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

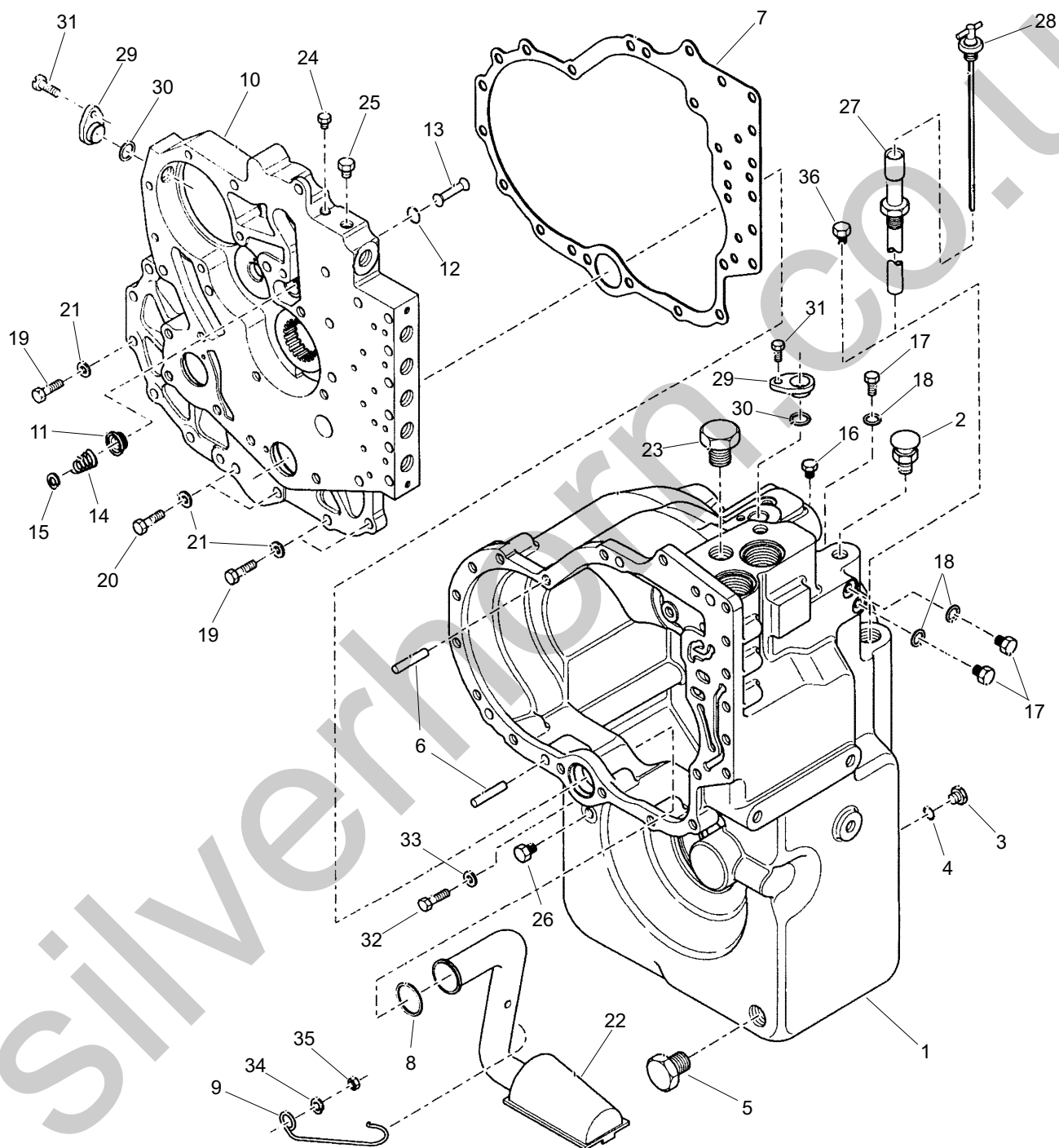
Converter Housing Group



Converter Housing Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809120	HOUSING/CONVERTER	1	07	809115	PLUG	1
02	NSS	PLUG	4	08	809119	SCREW	6
		(includes item 3)		09	809676	SCREW	3
03	809118	O-Ring/Plug	4	10	809677	SCREW	1
		(part of item 2)		11	809096	WASHER/LOCK	10
04	809673	PLUG	1	12	809676	SCREW	13
05	NSS	PLUG	1	13	809096	WASHER/LOCK	13
		(includes item 6)		14	809078	GASKET/HSG. TO PLATE.	1
06	809118	O-Ring/Plug	1	15	809674	PLUG/TEMP PICKUP	1
		(part of item 5)					

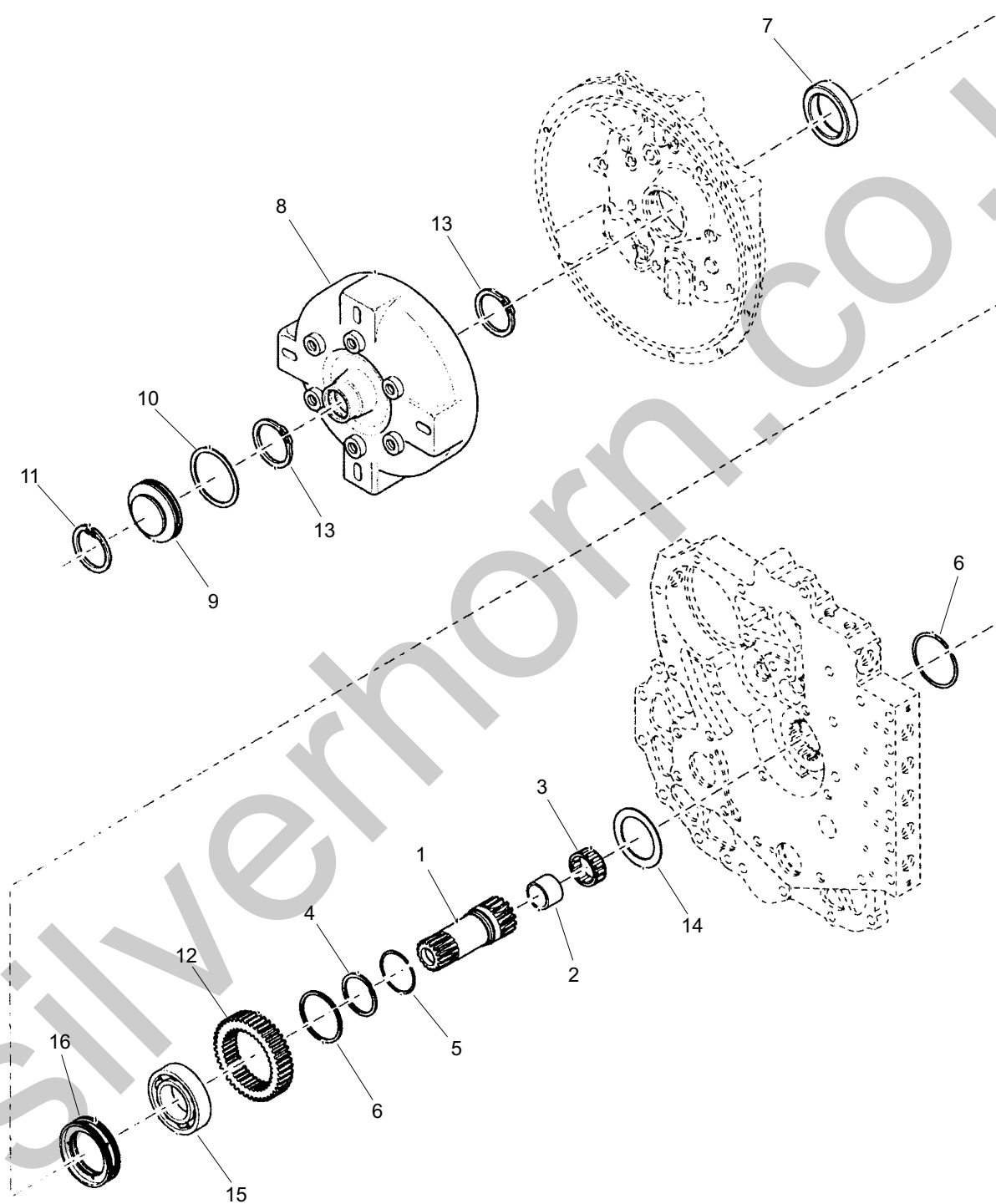
Case and Plate Group



Case and Plate Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	CASE-TRANSMISSION	1	18	809118	O-RING/PLUG	3
02	808953	BREATHING/AIR	1	19	809653	SCREW	7
03	809675	PLUG	2	20	809099	SCREW	2
		(includes item 4)		21	809096	WASHER/LOCK	9
04	809095	O-RING/PLUG	2	22	808967	ASSY/TUBE & SCREEN	1
		(part of item item 3)		23	809679	PLUG	1
05	809114	PLUG/MAGNETIC DRAIN	1	24	809673	PLUG	1
06	809075	PIN/DOWEL PLATE TO CASE	2	25	809115	PLUG	1
07	809074	GASKET/PLATE TO CASE	1	26	809678	PLUG	1
08	808968	RING/TUBE SEAL	1	27	809071	TUBE/TRANS DIPSTICK	1
09	808966	CLIP/OIL TUBE RETAINER	1	28	809072	TRANS DIPSTICK TUBE	1
10	808328	PLATE, SPACER	1	29	809121	PLUG	2
11	809077	SEAT/SAFETY VALVE	1	30	809125	O-RING	2
12	809076	SNAP RING	1	31	809122	SCREW	2
13	808992	POPPET/SAFETY VALVE	1	32	809119	SCREW	1
14	808988	SPRING	1	33	809123	WASHER/SEAL	1
15	808987	WASHER/POPPET	1	34	809124	WASHER/SCREW	1
16	809673	PLUG	1	35	809680	NUT	1
17	NSS	PLUG	3				

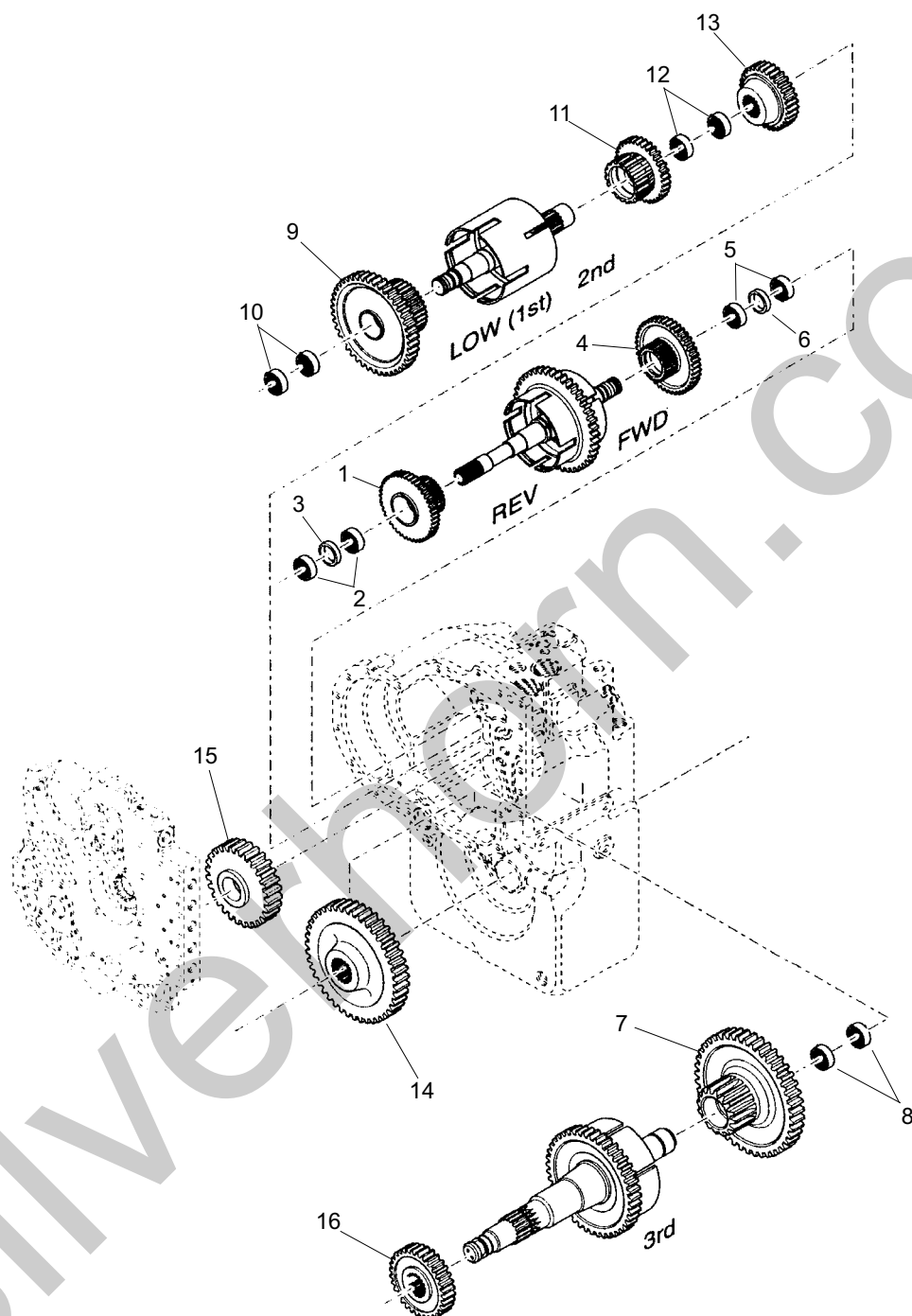
Torque Converter Group



Torque Converter Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808979	ASSY/STATOR SUPPORT	1	09	808969	PLUG/BORE	1
02	808980	BUSHING	1	10	808956	O-RING/BORE PLUG	1
03	808973	BEARING/FRONT	1	11	808957	RING/RET. BORE PLUG	1
04	808977	RING/PISTON	1	12	808975	IMPELLER/HUB GEAR	1
05	808978	EXPANDER/RING	1	13	808970	SNAP RING/IMPELLER HUB	2
06	808976	RING/SNAP	2	14	808981	WASHER/HUB GEAR	1
07	808971	SEAL/OIL CONV. HSG.	1	15	808974	BEARING/TORQUE CONVERTER. 1	
08	809126	ASSY/TORQUE CONVERTER.	1	16	808972	RING/OIL DISTRIBUTOR	1

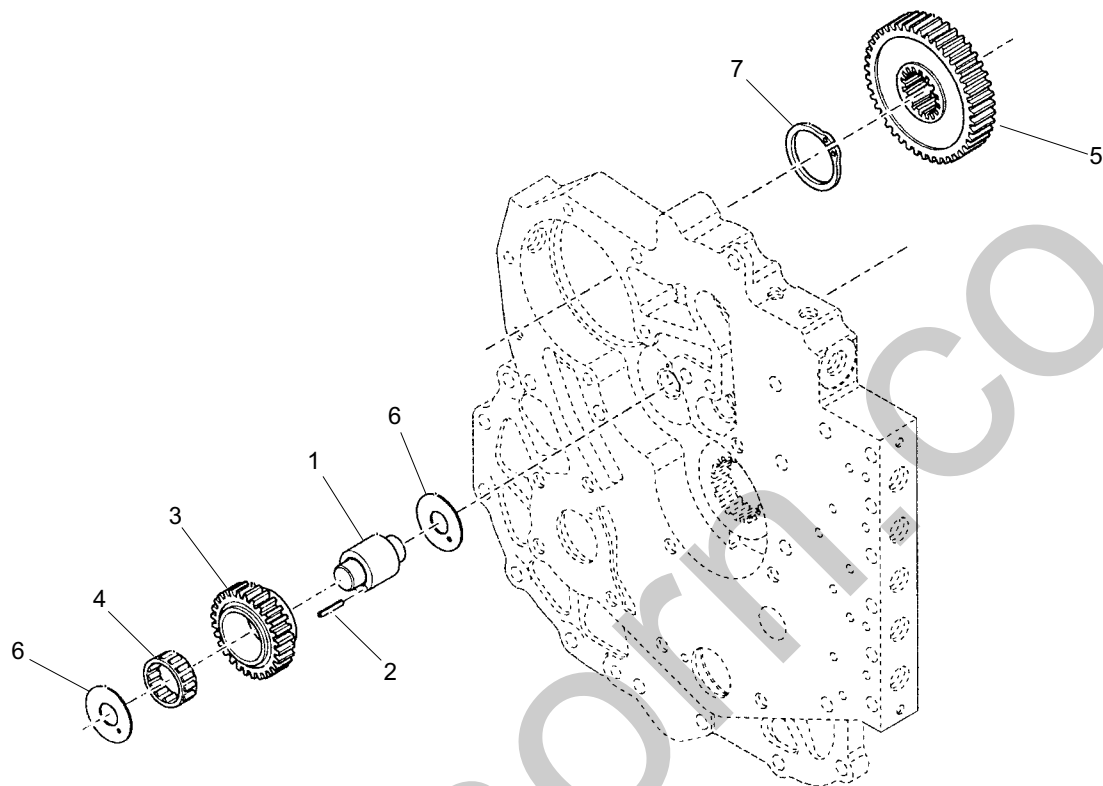
Gear Group



Gear Group

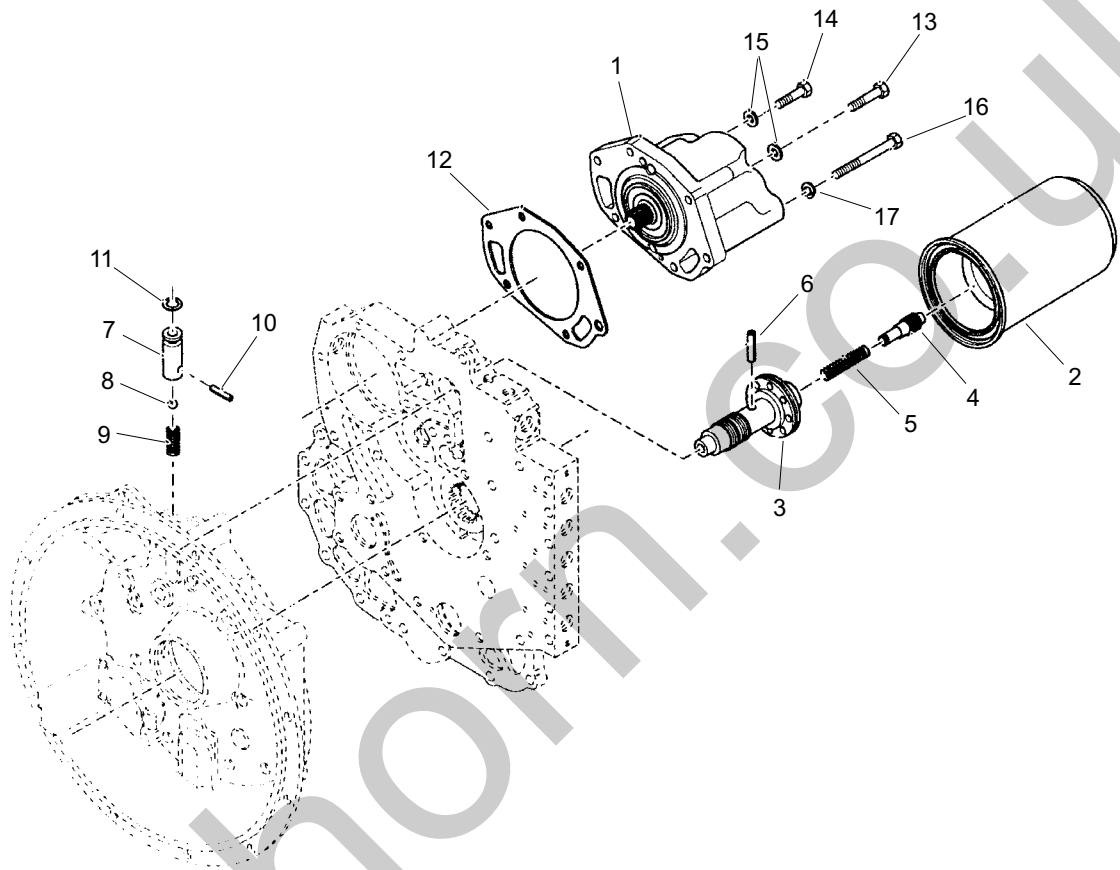
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	ASSY/REV. GEAR & BEARING ... 1 <i>(includes items 2 and 3)</i>	1	08	808536	BEARING-3RD CLUTCH GEAR... 2 <i>(part of item 7)</i>	2
02	809014	BEARING/NEEDLE 2 <i>(part of item 1)</i>	2	09	809094	1st CLUTCH GEAR/BRG. ASSY... 1 <i>(includes item 9)</i>	1
03	809015	SPACER/CLUTCH GEAR 1 <i>(part of item 1)</i>	1	10	809014	BEARING/NEEDLE 2 <i>(part of item 9)</i>	2
04	NSS	ASSY/FOR. GEAR & BEARING ... 1 <i>(includes items 5 and 6)</i>	1	11	809025	2nd CLUTCH GEAR/BRG. ASSY .. 1 <i>(includes item 12)</i>	1
05	809014	BEARING/NEEDLE 2 <i>(part of item 4)</i>	2	12	809014	BEARING/NEEDLE 2 <i>(part of item 11)</i>	2
06	809015	SPACER/CLUTCH GEAR 1 <i>(part of item 4)</i>	1	13	809026	GEAR/THIRD DRIVEN - 18T 1	1
07	808508	ASY. 3RD CLUTCH GEAR 1 <i>(includes item 8)</i>	1	14	809031	GEAR/OUTPUT SHAFT - 40T 1	1
				15	809651	GEAR/REVERSE IDLER - 28T.... 1	1
				16	808510	GEAR/FIRST DRIVEN - 27T..... 1	1

Pump Drive Group



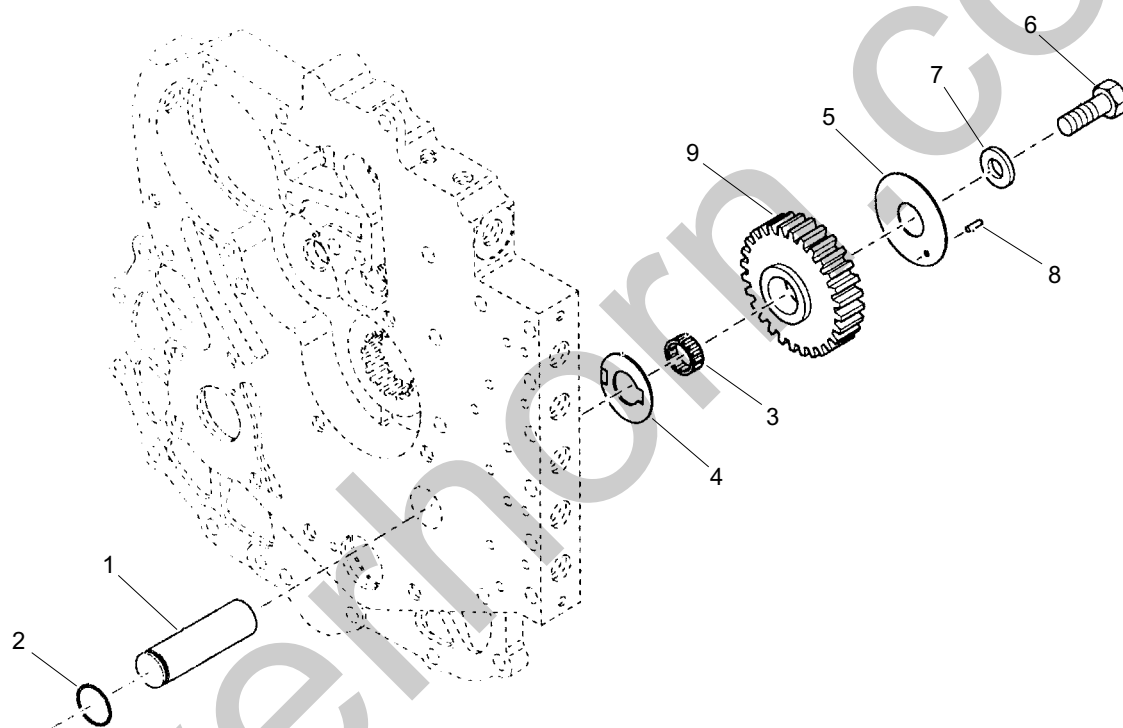
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809082	IDLER/SHAFT & PIN..... 1 (includes item 2)	1	04	809080	BEARING/IDLER GEAR..... 1	1
02	809083	ROLL PIN 1 (part of item1)	1	05	808982	GEAR/DRIVE..... 1	1
03	809081	GEAR/IDLER,PUMP DRIVE 1	1	06	809079	WASHER/THRUST 2	2
				07	808983	RING/SNAP..... 1	1

Charge Pump Group



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808990	PUMP/T12000 CHARGE.	1	09	808986	SPRING.	1
02	808004	ASSY/ HYDRAULIC SPIN FILTER .	1	10	808984	PIN.	1
03	809088	SLEEVE.	1	11	809084	O-RING	1
04	809086	PISTON	1	12	808989	GASKET/CHARGE PUMP	1
05	809087	SPRING.	1	13	809656	SCREW	4
06	808991	PIN/CLARK TRANS.	1	14	809655	SCREW	1
07	809085	ASSY/BALL CHECK VALVE	1	15	809654	WASHER/LOCK	5
		(includes items 8 thru 11)		16	809657	SCREW	1
08	808985	BALL	1	17	809096	WASHER/LOCK	1

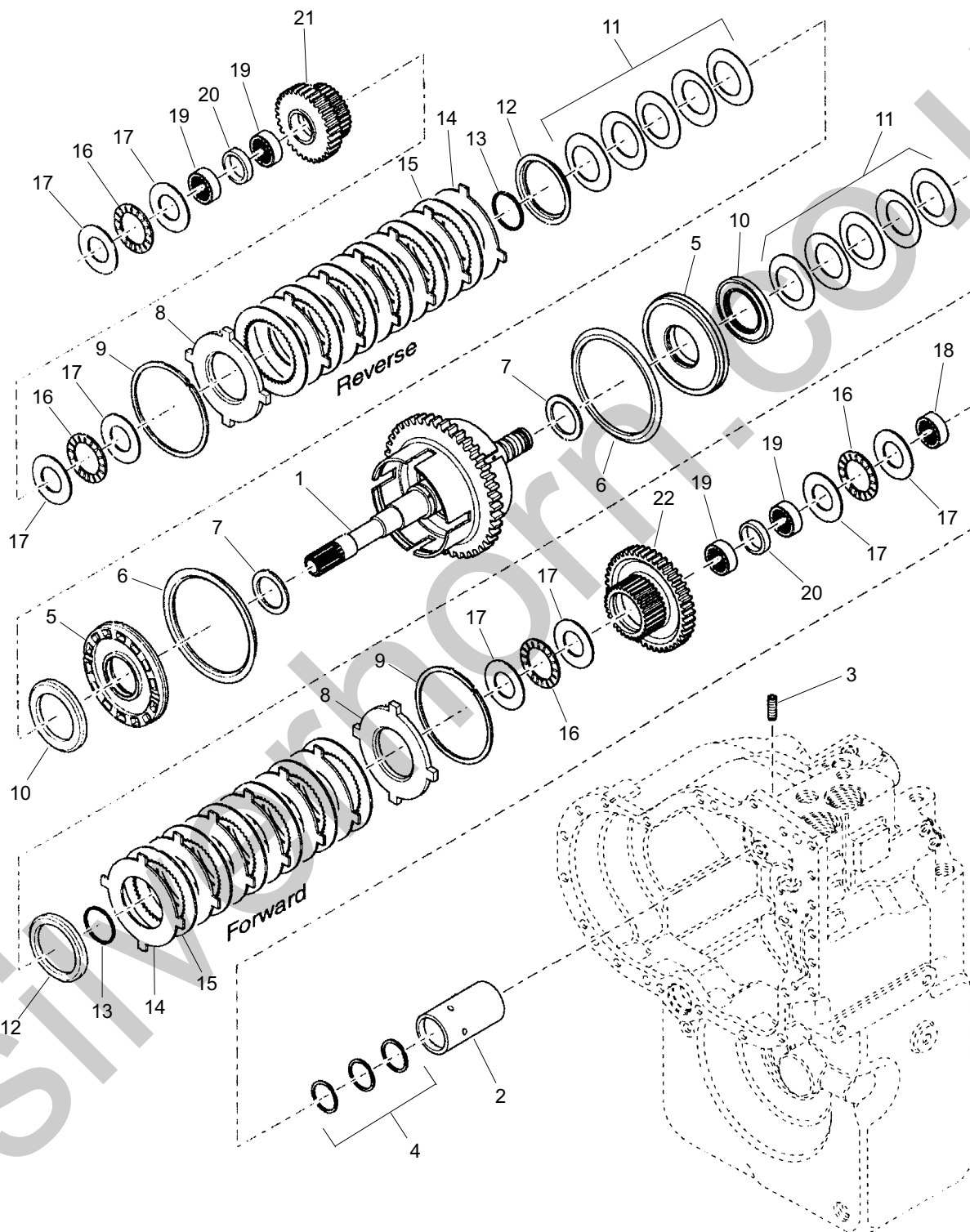
Reverse Idler Group



Reverse Idler Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808994	SHAFT IDLER & PILOT	1	05	808997	END PLATE.....	1
02	808993	RING/SNAP.....	1	06	809658	CAPSCREW	1
03	808996	BEARING/REV IDLR GEAR.....	1	07	809659	WASHER.....	1
04	808995	WASHER/THRUST	1	08	808998	END PLATE.....	1

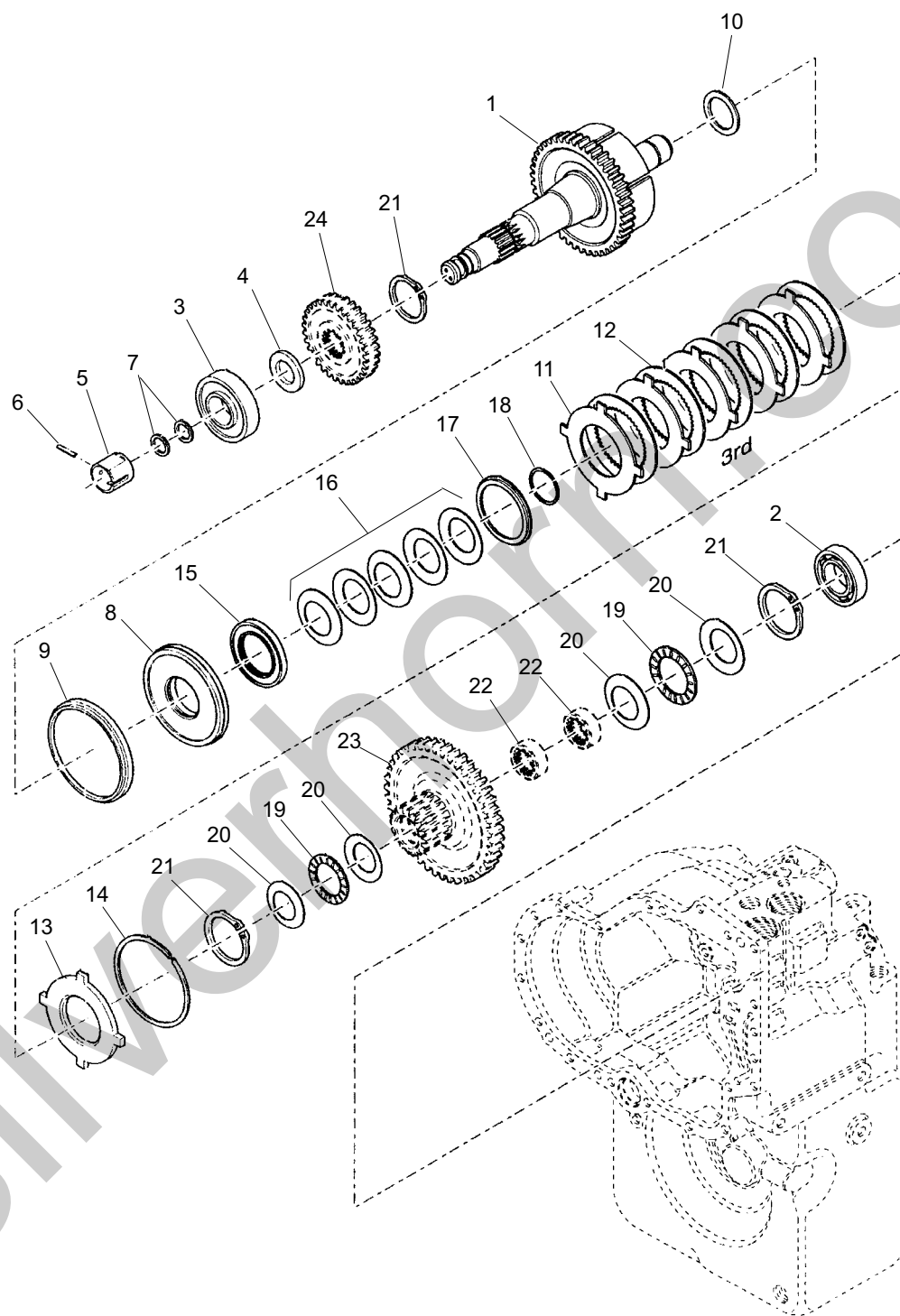
Forward and Reverse Group



Forward and Reverse Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809010	ASY/TURB SHFT DRUM & PLUG .	1	12	809006	RETAINER.....	2
02	809013	SLEEVE/OIL DISTRIBUTOR.....	1	13	809005	RETAINER/SNAP RING.....	2
03	809621	SCREW.....	1	14	809004	CLUTCH/OUTER FWD.....	12
04	809012	RING/PISTON.....	3	15	809003	CLUTCH/INNER FWD.....	12
05	809116	ASY/PISTON.....	2	16	809000	BEARING.....	4
		(includes items 6 and 7)		17	808999	WASHER/THRUST.....	8
06	809008	SEAL/OUTER PISTON.....	2	18	809011	BEARING/REAR.....	1
		(part of item 5)		19	809014	BEARING/CLUTCH GEAR.....	4
07	809009	SEAL/INNER PISTON.....	2	20	809015	SPACER/CLUTCH GEAR.....	2
		(part of item 5)		21	809652	ASSY/REV. AND BRG.....	1
08	809002	PLATE/END.....	2			(includes items 19 and 20)	
09	809001	RING/SNAP.....	2	22	809622	ASSY/FOR. GEAR AND BRG.	1
10	809007	PLATE/WEAR.....	2			(includes items 19 and 20)	
11	809092	ASY/DISC SPRING Pkg 5.....	2				

Third Shaft Group



Third Shaft Group

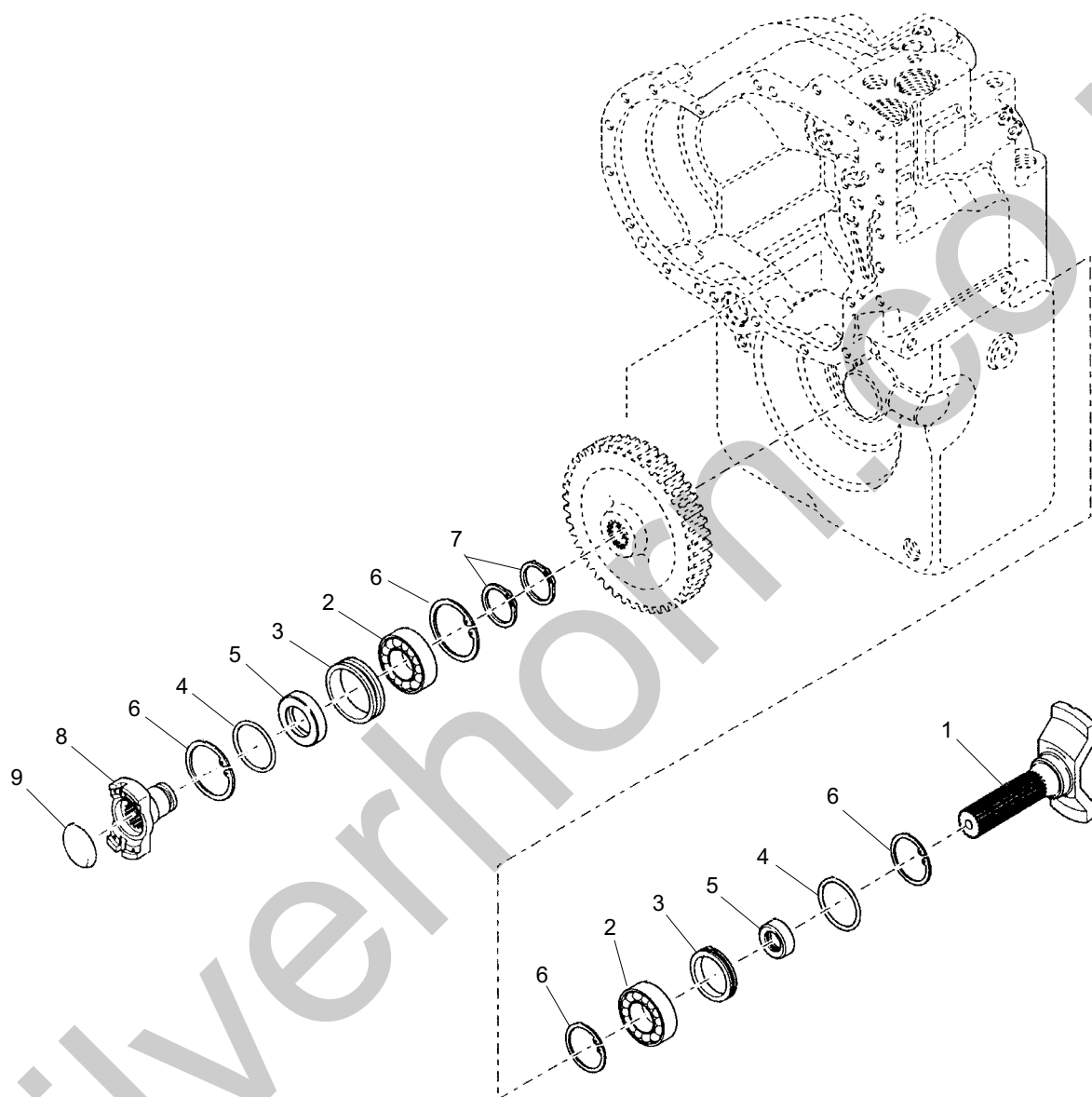
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808511	ASY-3RD SHAFT, DRUM & PLUG .	1	13	809002	PLATE/END	1
02	808512	BEARING-ROLLER	1	14	809001	RING/SNAP	1
03	808503	ASSY/BEARING & SEAL	1	15	809007	RING/SNAP	1
04	809410	WASHER-BEARING SUPPORT . . .	1	16	809092	ASY/DISC SPRG PKG 5	1
05	809017	SLEEVE/OIL DISTRIBUTOR	1	17	809006	RETAINER	1
06	809016	SCREW/SLEEVE LOCK	1	18	809005	RETAINER/SNAP RING	1
07	809012	RING/PISTON	2	19	808513	BEARING-THRUST NEEDLE	2
08	809117	ASSY/CLTCH PISTON & BALL . . .	1	20	808514	WASHER/CLTCH GEAR THRUST .	4
09	809008	SEAL/OUTER PISTON	1	21	809132	RING/SNAP	3
10	809009	SEAL/INNER PISTON	1	22	808509	BEARING-3RD CLUTCH GEAR . . .	2
11	809004	CLUTCH/OUTER FWD	5	23	808508	ASY. 3RD CLUTCH GEAR	1
12	809003	CLUTCH/INNER FWD	5	24	808509	GEAR-FIRST DRIVEN	1

This technical diagram illustrates the exploded view of a mechanical assembly, likely a gearbox or clutch mechanism. The components are numbered 1 through 27. The assembly is shown in three main sections, separated by dashed lines. The top section includes a large gear (25) and a series of smaller gears (12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24). The middle section shows a central shaft assembly (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27) with a label 'Low (1st)' indicating a specific gear position. The bottom section shows a second shaft assembly (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27) with a label '2nd' indicating a specific gear position. A detailed view of the internal gear train is shown in the bottom right corner, enclosed in a dashed box.

First and Second Shaft Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809023	ASY-1ST 2ND SHAFT.....	1	16	808999	WASHER/THRUST.....	8
02	809024	BEARING/REAR.....	1	17	809018	RING/SNAP.....	2
03	808503	ASSY/BEARING & SEAL.....	1	18	809022	SLEEVE/OIL DISTRIBUTOR.....	1
04	809012	RING/PISTON.....	2	19	809016	SCREW/SLEEVE LOCK.....	1
05	809098	PISTON/CLUTCH & SEALS.....	2	20	809004	CLUTCH/OUTER FWD.....	10
06	809008	SEAL/OUTER PISTON.....	2	21	809003	CLUTCH/INNER FWD.....	10
07	809009	SEAL/INNER PISTON.....	2	22	809004	CLUTCH/OUTER FWD.....	5
08	809002	PLATE/END.....	2	23	809003	CLUTCH/INNER FWD.....	5
09	809001	RING/SNAP.....	2	24	809014	BEARING/CLUTCH GEAR.....	4
10	809007	PLATE/WEAR.....	2	25	809094	1ST CLUTCH GEAR/BRG ASSY ..	1
11	809092	ASSY/DISC SPRG PKG 5.....	1			(includes item 24)	
12	809093	SPRING/DISC ASSY PKG (7).....	1	26	809025	2ND CLUTCH GEAR/BRG ASSY ..	1
13	809006	RETAINER.....	2			(includes item 24)	
14	809005	RETAINER/SNAP RING.....	2	27	809026	GEAR/3RD DRIVEN.....	1
15	809000	BEARING.....	4				

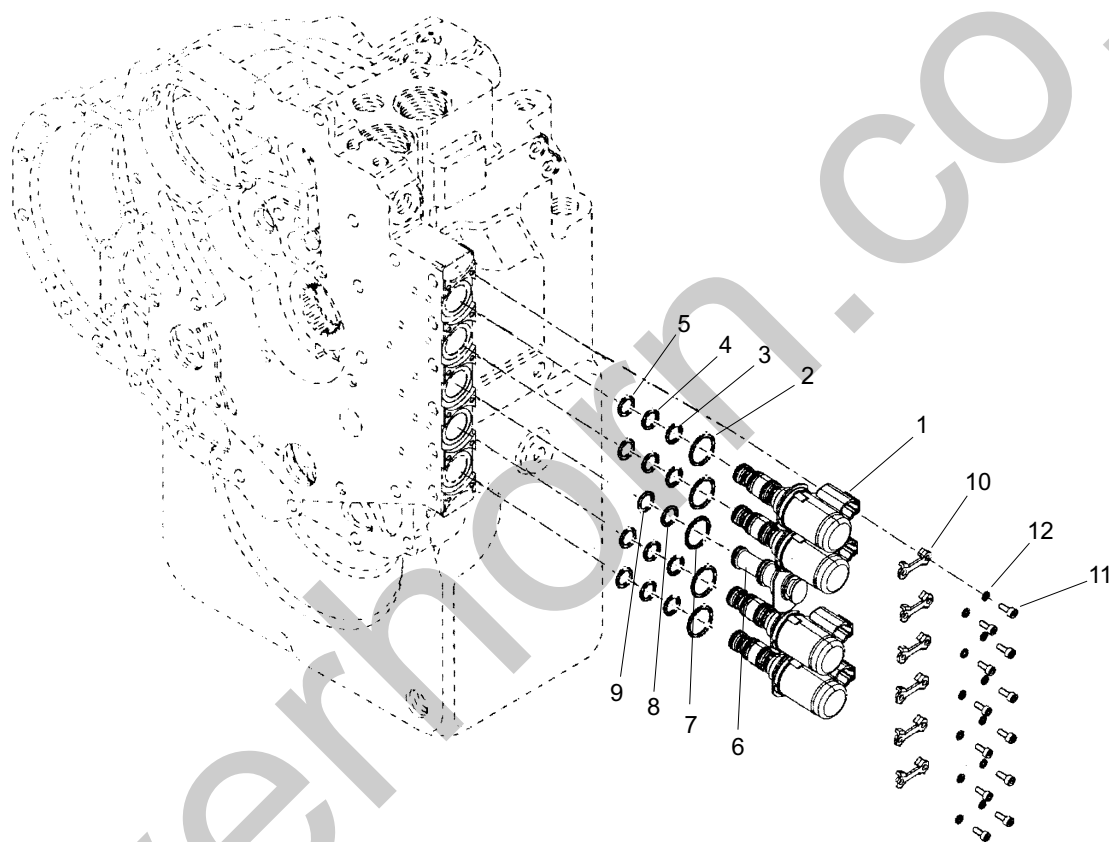
Output Shaft Group



Output Shaft Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808504	SHAFT/OUTPUT	1	06	809019	RING/SNAP	4
02	809030	BEARING/SHAFT	2	07	809020	RING/SNAP	2
03	809029	SLEEVE/OIL SEAL	2	08	809028	FLANGE/OUTPUT & PLUG ASSY ..	1
04	809021	O-RING/SLEEVE	2	09	809027	PLUG/FLANGE	1
05	808954	SEAL/OUTPUT SHAFT OIL	2				

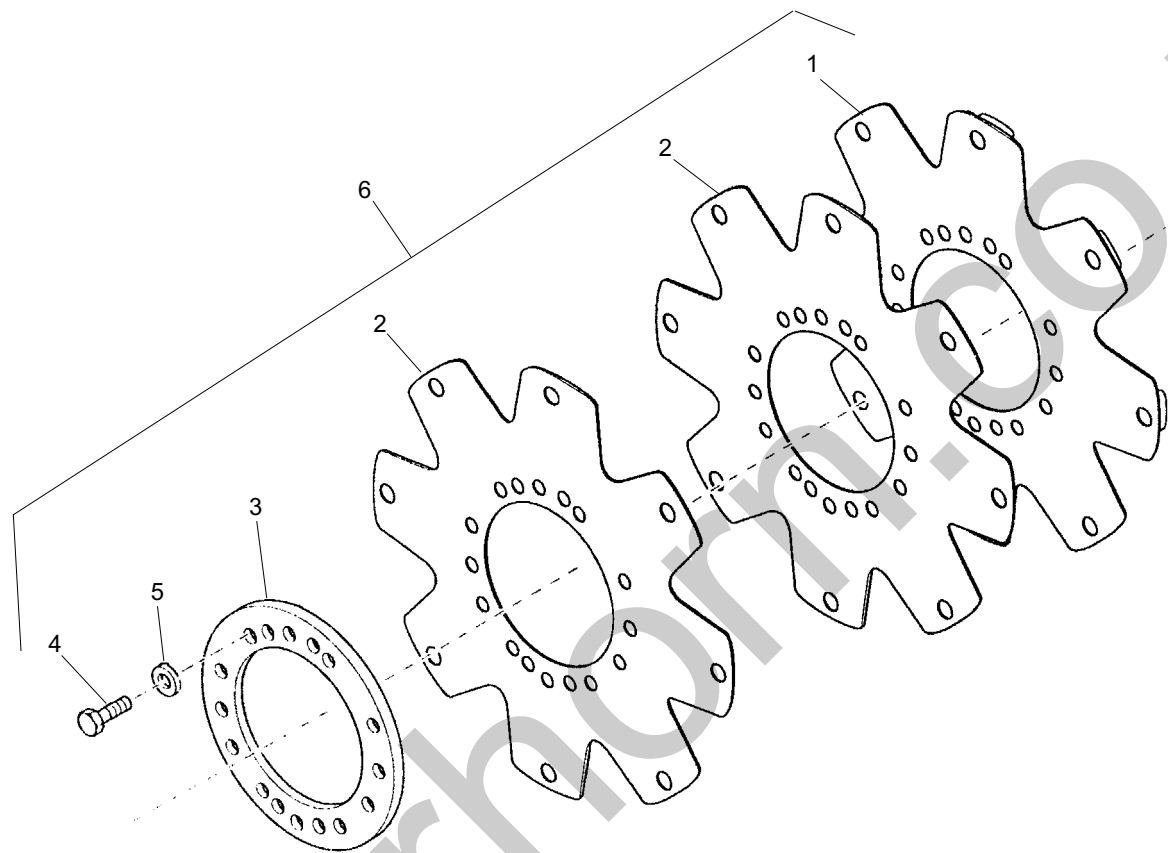
Control Group



Control Group

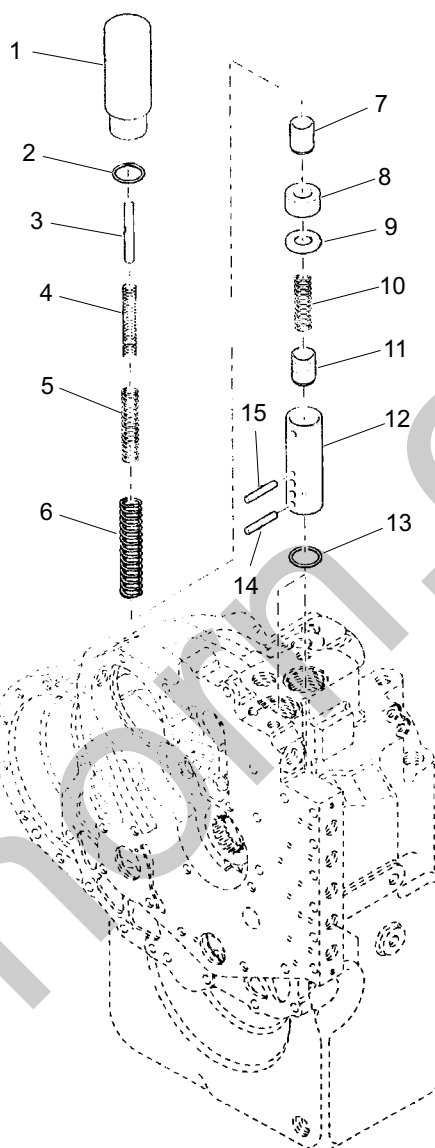
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808329	SOLENOID, W / DEUTSCH CON. . 4 (includes items 2 thru 5)		07	808335	O-RING, 18.0 X 2.20MM 1 (included with item 6)	
02	808330	O-RING, 21.5 X 1.5MM 4 (included with item 1)		08	808331	O-RING, 15.1 X 1.60MM 1 (included with item 6)	
03	808331	O-RING, 15.1 X 1.60MM 4 (included with item 1)		09	808333	O-RING, 12.1 X 1.60MM 1 (included with item 6)	
04	808332	O-RING, 14.1 X 1.60MM 4 (included with item 1)		10	808336	CLAMP, SOLENOID 6	
05	808333	O-RING, 12.1 X 1.60MM 4 (included with item 1)		11	808337	CAPSCREW 12	
06	808334	PLUG, SOLENOID BORE 1 (includes items 7, 8 and 9)		12	808338	WASHER, PLAIN. 12	

Drive Plate Group



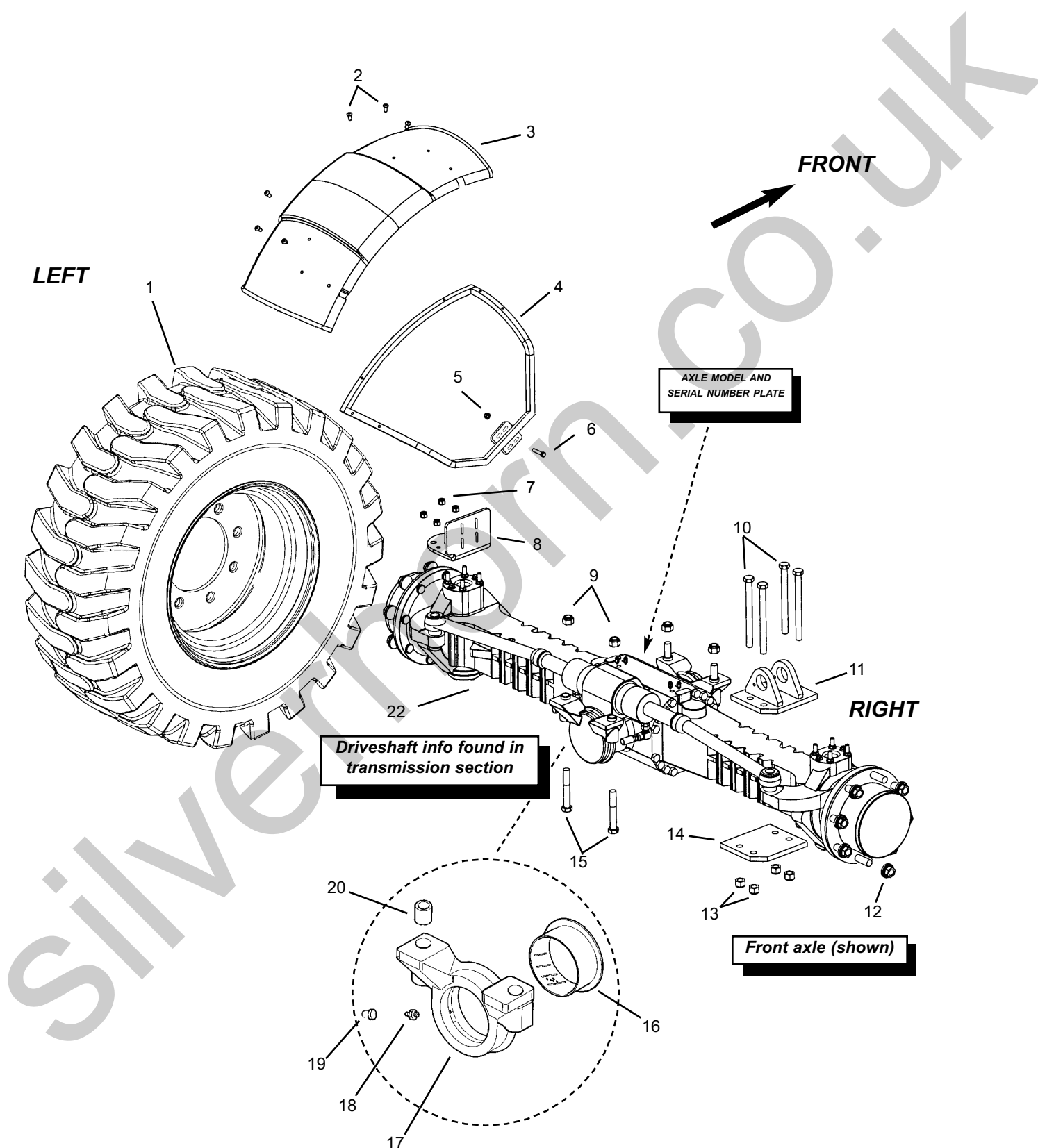
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	NSS	ASSY/DRIVE PLATE.....1 (included in item 6)		04	809133	SCREW/DRIVE PLATE MNTG 6	
02	NSS	DRIVE PLATE 2 (included in item 6)		05	809097	LOCKWASHER/DRIVEPLATE 6	
03	809044	RING/DRIVE PLATE BACKING ... 1		06	809045	KIT/DRIVE PLATE ASSY 1 (includes items 1 thru 5)	

Modulation Valve Group



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809032	HOUSING MODULATOR VALVE . . .	1	09	809041	SPOOL ACCUMULATOR	1
02	809033	O-RING	1	10	809091	SPOOL	1
03	809035	SPRING INNER.	1	11	809038	SPRING.	1
04	809036	SPRING MIDDLE	1	12	809040	RETAINER.	1
05	809042	SPRING OUTER.	1	13	809039	SPACER	1
06	809037	SLEEVE-MODULATION VALVE . . .	1	14	809089	PIN-UPPER.	1
07	809043	O-RING	1	15	809090	PIN-LOWER	1
08	809034	PIN STOP	1				

External Components

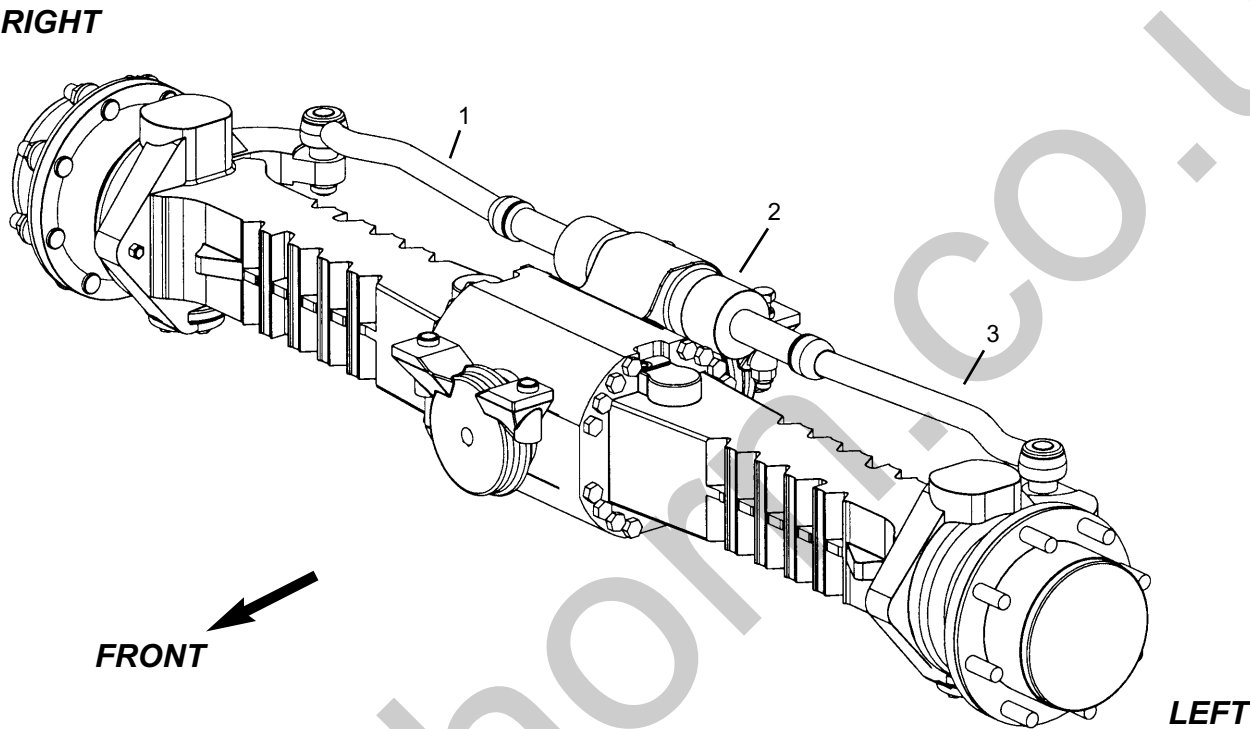


External Components

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01		TIRE AND WHEEL ASY AR		11	809612	FRAME LEVEL MNT (<i>front axle</i>) . . .	1
	809528	VALVE STEM.	1	12	808876	M22-1.5 WHEEL NUT AR	
	809393	TIRE, 15.00X19.5 12 PLY	1	13	808583	3/4"-10 GR8 LOCK NUT	8
	809610	WHEEL ONLY (<i>for tire 809393</i>) . . .	1	14	809611	PLATE, FRAME LEVEL	1
				15	808418	M20-2.50X130 C10.9 BOLT	4
	809556	TIRE, 405/70R 20XM27	1	16	808553	THRUST BUSHING	2
	809613	WHEEL ONLY (<i>for tire 809556</i>) . . .	1	17	808554	SUPPORT	2
				18	809046	GREASE FITTING	2
	809557	TIRE, 9.00R 20XMINE D2	1	19	808543	PLUG	2
	809558	WHEEL ONLY (<i>for tire 809557</i>) . . .	1	20	808552	REDUCTION BUSHING	4
				21	NA		0
02 ^a	808607	3/8"-16 BUTTON HD BOLT	6	22 ^b		AXLE ASSEMBLY, 212	
03 ^a	809164	FENDER	1		809310	FRONT (<i>with internal park brake</i>) . .	1
04 ^a	809356	FENDER MOUNT (LF/RR)	1		809608	REAR	1
05 ^a	808559	3/8"-16 FLANGE LOCK NUT	4				
06 ^a	808617	3/8"-16X1" BOLT	4				
07 ^a	808180	NUT	4				
08 ^a	809350	FENDER MOUNT	1				
09	808599	M20-2.5 CLASS 10 LOCK NUT . . .	4				
10	808634	3/4"-10X9" GR8 BOLT	8				

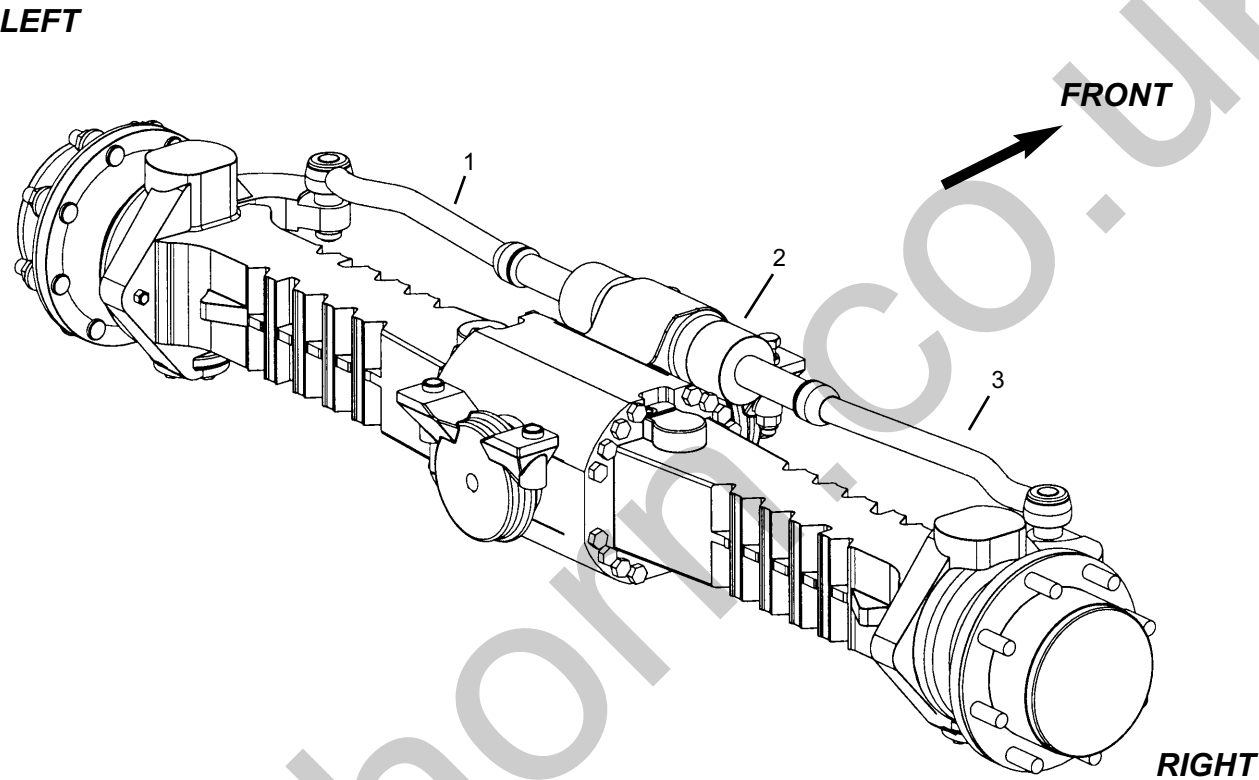
^a Available only on the left side of the front axle.
^b Does not include any other items shown in illustration.

Steering Cylinder and Tie Rods (Front Axle)



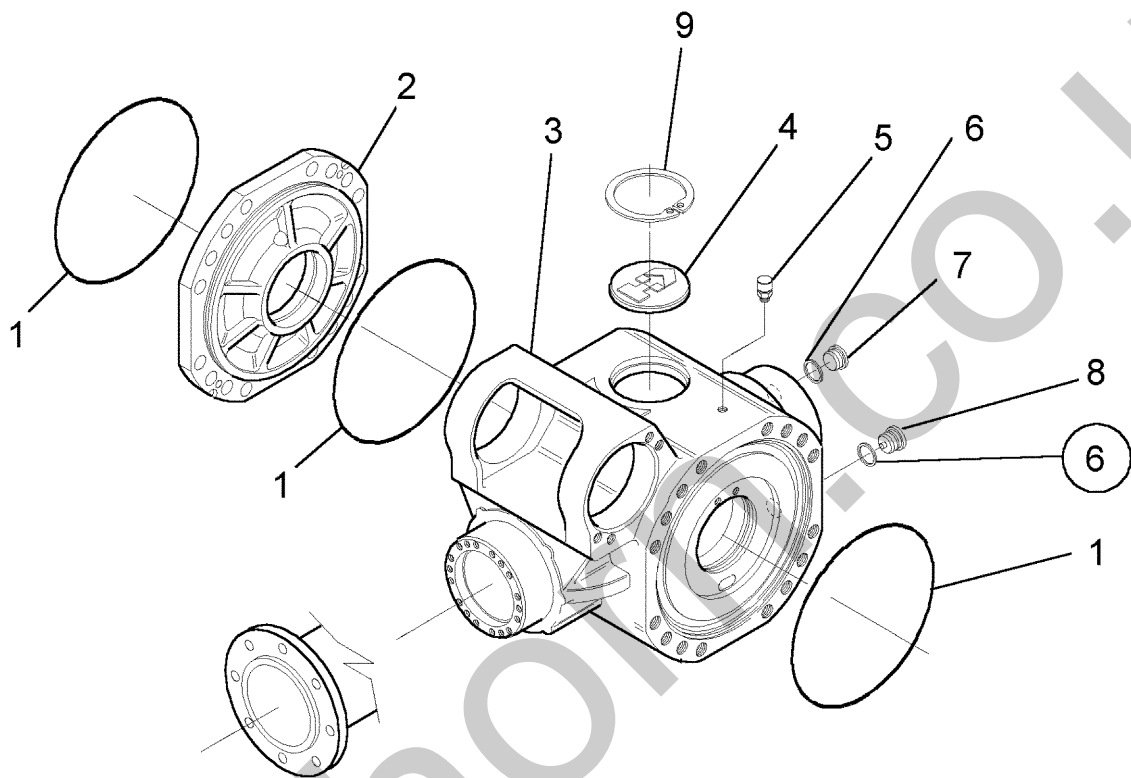
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809463	ARTICULATED TIE ROD	1	03	809462	ARTICULATED TIE ROD	1
		(Right [Front Axle], Left [Rear Axle])				(Left [Front Axle], Right [Rear Axle])	
02	809461	STEER CYLINDER	1				
	808551	STEER CYLINDER BOLT	4				
	809469	SEAL KIT	1				

Steering Cylinder and Tie Rods (Rear Axle)



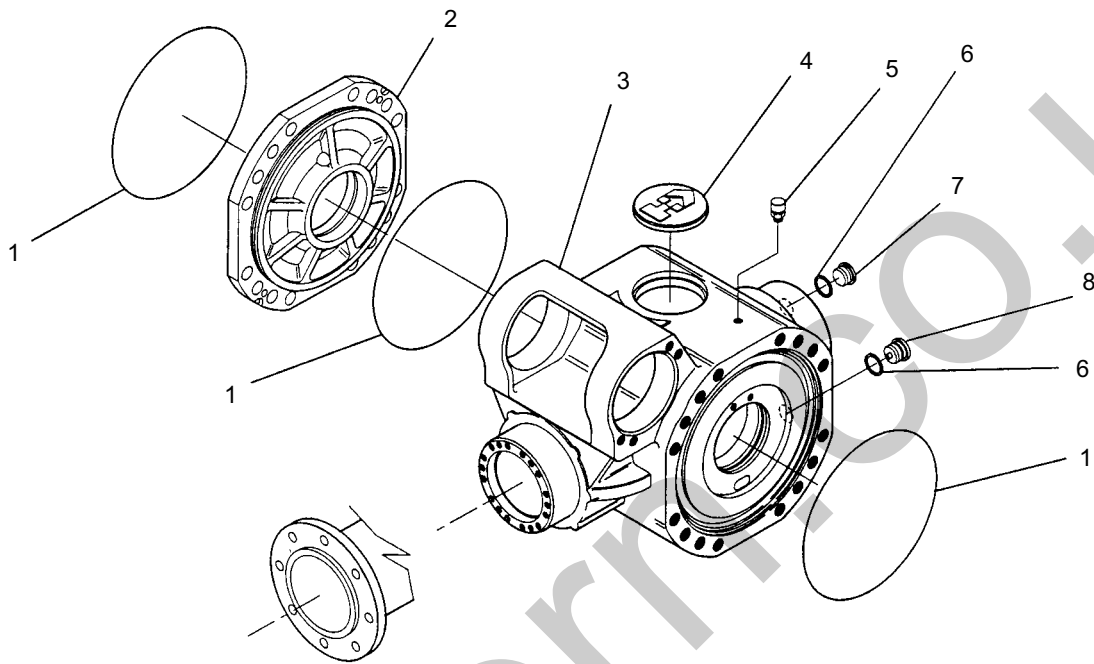
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809463	ARTICULATED TIE ROD	1	03	809462	ARTICULATED TIE ROD	1
		(Right [Front Axle], Left [Rear Axle])				(Left [Front Axle], Right [Rear Axle])	
02	809461	STEER CYLINDER	1				
	808551	STEER CYLINDER BOLT	4				
	809469	SEAL KIT	1				

Differential Housing Group (Front Axle)



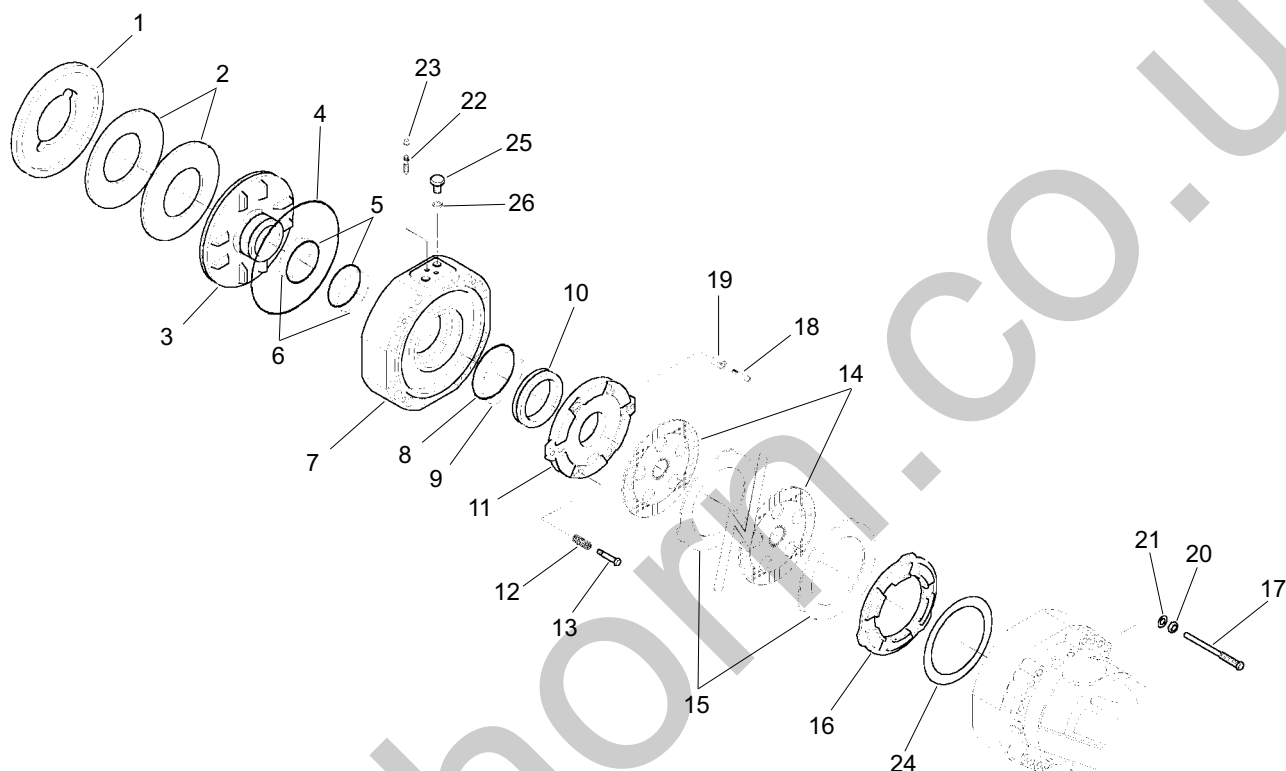
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809057	O-RING	3	06	NA		0
02	808515	INTERMEDIATE COVER	1	07	808169	PLUG.....	1
03	808167	HOUSING	1	08	808170	MAGNETIC PLUG.....	1
04	808168	COVER	1	09	809050	CIRCLIP.....	1
05	808516	VENT	1				

Differential Housing Group (Rear Axle)



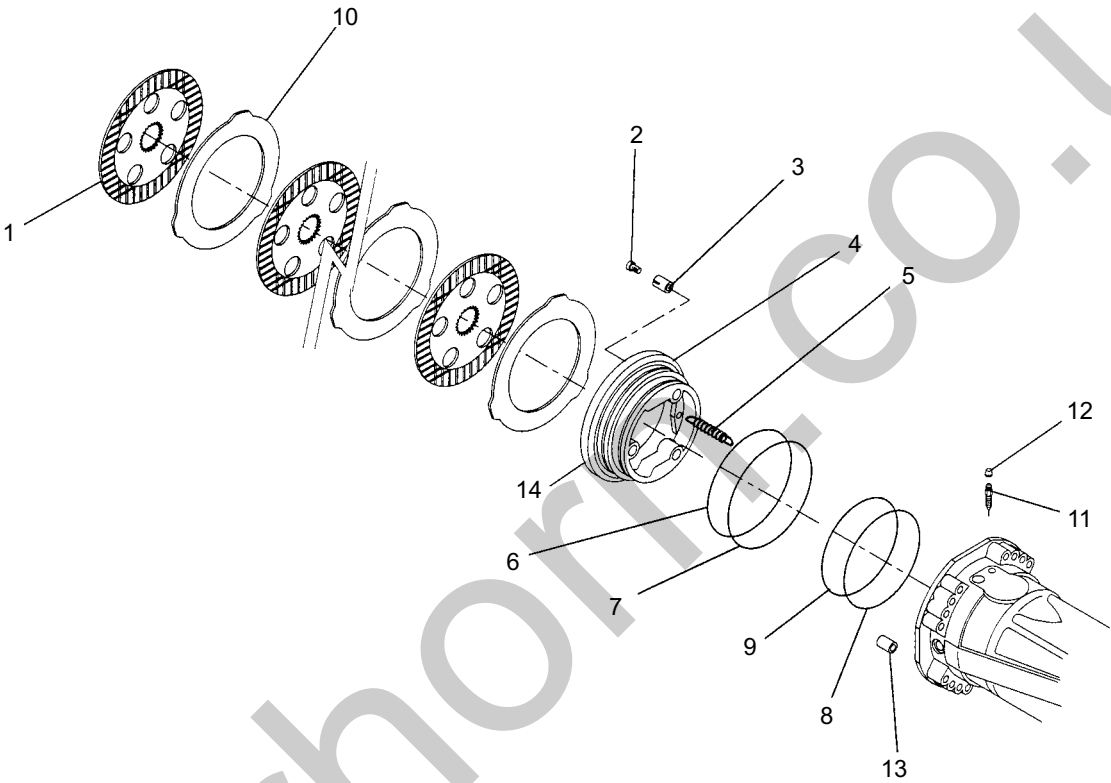
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809057	O-RING	3	05	808516	VENT	1
02	808515	INTERMEDIATE COVER	1	06	809413	SEAL WASHER	2
03	809411	HOUSING	1	07	809623	PLUG	1
04	809412	COVER	1	08	809414	MAGNETIC PLUG.....	1

Brake Group (Front Axle)



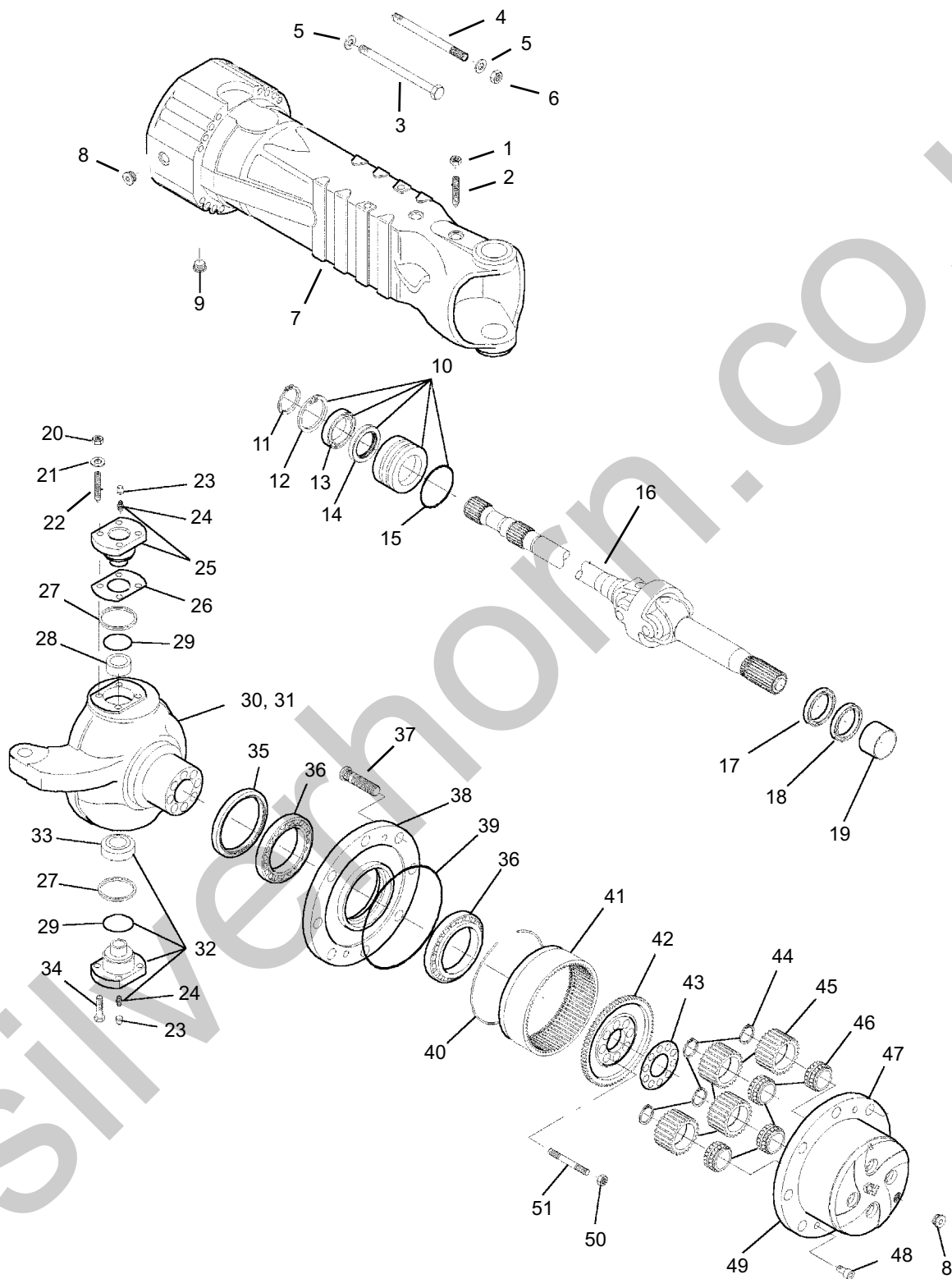
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808207	SPACER	2	15	808550	INTERMEDIATE BRAKE DISC	8
02	808208	SPRING	4	16	809364	SPACER	2
03	808209	PISTON	2	17	809365	BOLT	4
04	808210	O-RING	2	18	809366	ADJUSTING BOLT	6
05	808211	O-RING	4	19	808222	SPRING	6
06	808212	BACKUP RING	4	20	808223	NUT	4
07	808213	COVER	2	21	808224	LOCK WASHER	4
08	809047	O-RING	2	22	809058	BLEEDING BOLT	4
09	808214	BACKUP RING	2	23	808543	PLUG	4
10	808215	PISTON	2	24	808225	SHIM	2
11	808216	INTERMEDIATE BRAKE DISC	2		808226	SHIM	2
12	808217	SPRING	6		808227	SHIM	2
13	808218	ADJUSTING BOLT	6	25	808228	BOLT	4
14	808549	BRAKE DISC	8	26	808229	SEAL WASHER	4

Brake Group (Rear Axle)



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808549	BRAKE DISC	6	09	809458	O-RING	2
02	809452	ADJUSTING BOLT	6	10	808550	INTERMEDIATE BRAKE DISC	8
03	809453	SPRING	6	11	809058	BLEEDING BOLT	2
04	NSS	PISTON	2	12	808543	PLUG	2
05	809454	SPRING	6	13	809459	DOWEL	2
06	809455	BACK-UP RING	2	14	809460	PISTON	2
07	809456	O-RING	2			(includes items 4-9)	
08	809457	BACK-UP RING	2				

Outer End Group



Outer End Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808538	NUT	2	27	NSS	(not used on this axle)	0
02	809419	BOLT	2	28	809370	BUSHING	2
03	809368	BOLT	24	29	809429	SEAL	4
04	808204	STUD	8	30	809431	STEERING CASE (LF AND RR) ...	1
05	808539	WASHER	32			(includes item 19)	
06	808205	NUT	8	31	809434	STEERING CASE (RF and LR) ...	1
07	809367	AXLE CASE	2			(includes item 19)	
08	808169	PLUG	4	32	809428	PIVOT PIN (set)	2
09	808170	MAGNET PLUG	2	33	809430	BEARING	2
10	808540	REDUCTION BUSHING (set)	2	34	809425	BOLT	12
11	809049	CIRCLIP	2	35	809435	SEAL	2
12	809050	CIRCLIP	2	36	809436	BEARING	4
13	809048	BALL BEARING	2	37	808192	WHEEL STUD	20
14	808541	SEAL	2	38	809438	WHEEL HUB	2
15	808542	O-RING	2	39	809057	O-RING	2
16	809369	JOINT	2	40	809445	CIRCLIP	2
17	NSS	(included as part of item 18)	0	41	809439	RING GEAR	2
18	808188	SEAL/DUST EXCLUDER	2	42	809440	RING GEAR SUPPORT	2
19	809423	THRUST BUSHING	2	43	809447	LOCKING PLATE	2
20	808180	NUT	5	44	809441	CIRCLIP	8
21	808177	WASHER	8	45	809442	PLANET GEAR	8
22	808313	STUD	8	46	809443	BEARING	8
23	808543	PLUG	4	47	809372	PLANET GEAR CARRIER	2
24	809046	GREASE FITTING	4	48	808546	COUNTERSUNK BOLT	4
25	809371	PIVOT PIN	2	49	809373	PLANET GEAR CARRIER	2
26	809448	SHIM	2			(includes items 41-48)	
	809449	SHIM	2	50	808548	NUT	16
	809450	SHIM	2	51	808547	STUD	16

This technical diagram illustrates the exploded view of a mechanical assembly, featuring 25 numbered components. The assembly is composed of several sub-assemblies and individual parts:

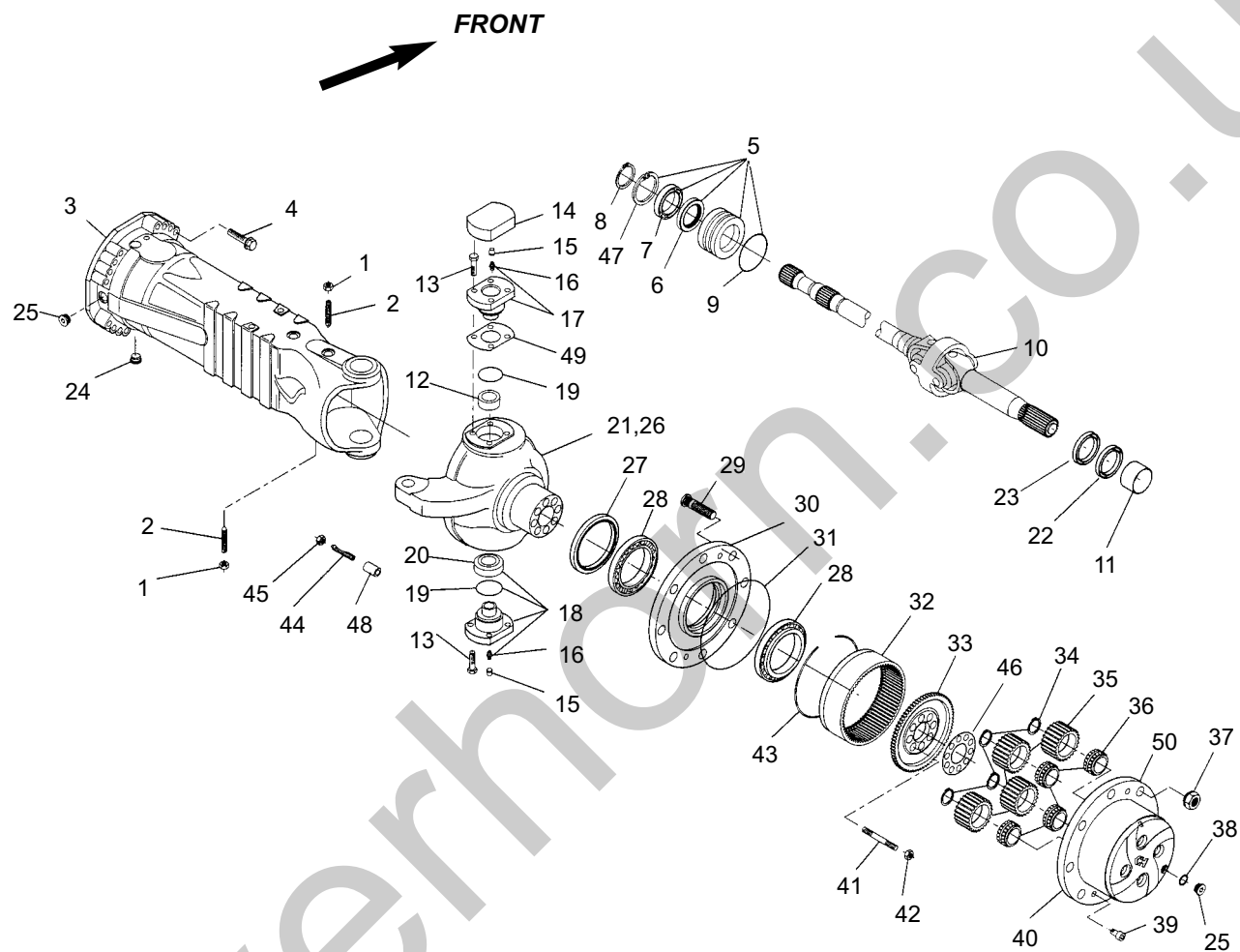
- Input Shaft Assembly (Left):** Includes a motor or actuator (1), a pin (23), a housing (22), a shaft (20), and a series of gears and bearings (19, 18, 16, 17, 2).
- Intermediate Gear Train (Center):** Features a large central gear (3) meshing with a smaller gear (9). This is connected to a shaft (16) with a pin (18) and a bearing (17). A large gear (4) is also part of this train, meshing with a smaller gear (5).
- Output Shaft Assembly (Right):** Includes a shaft (10) with a pin (14) and a bearing (15). A large gear (11) is mounted on this shaft, meshing with a smaller gear (13). A pin (12) is also shown.
- Support and Fasteners:** Various pins (7, 6, 8, 24), washers (12, 13, 14), and a housing (25) are shown as separate components.

The diagram uses standard mechanical drawing conventions, including dashed lines to indicate assembly paths and a consistent numbering system for each part.

Differential Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808517	O-RING	1	13	808530	FRICTION WASHER.....	4
02	808518	SHIM	1	14	808531	DIFFERENTIAL PINION	4
	808519	SHIM	1	15	808532	DIFFERENTIAL CARRIER	1
	808520	SHIM	1	16	809417	TAPER ROLLER BEARING	2
	808521	SHIM	1	17	809055	SHIM	1
03	808521	BEVEL GEAR SET	1		809056	SHIM	1
04	809051	TAPER ROLLER BEARING	2		808533	SHIM	1
05	808522	RING NUT	2		808534	SHIM	1
06	808523	CYLINDER BOLT	4	18	808535	SPACER	1
07	808524	CYLINDER BOLT	2	19	809054	RING NUT	1
08	808525	BOLT	12	20	809053	SEAL	1
09	808526	FRICTION WASHER.....	2	21	NA		0
10	808527	DIFFERENTIAL SIDE GEAR	2	22	808300	FLANGE	1
11	809374	PIN.....	4	23	808536	NUT.....	1
12	808529	CIRCLIP.....	4	24	808537	CIRCLIP.....	4

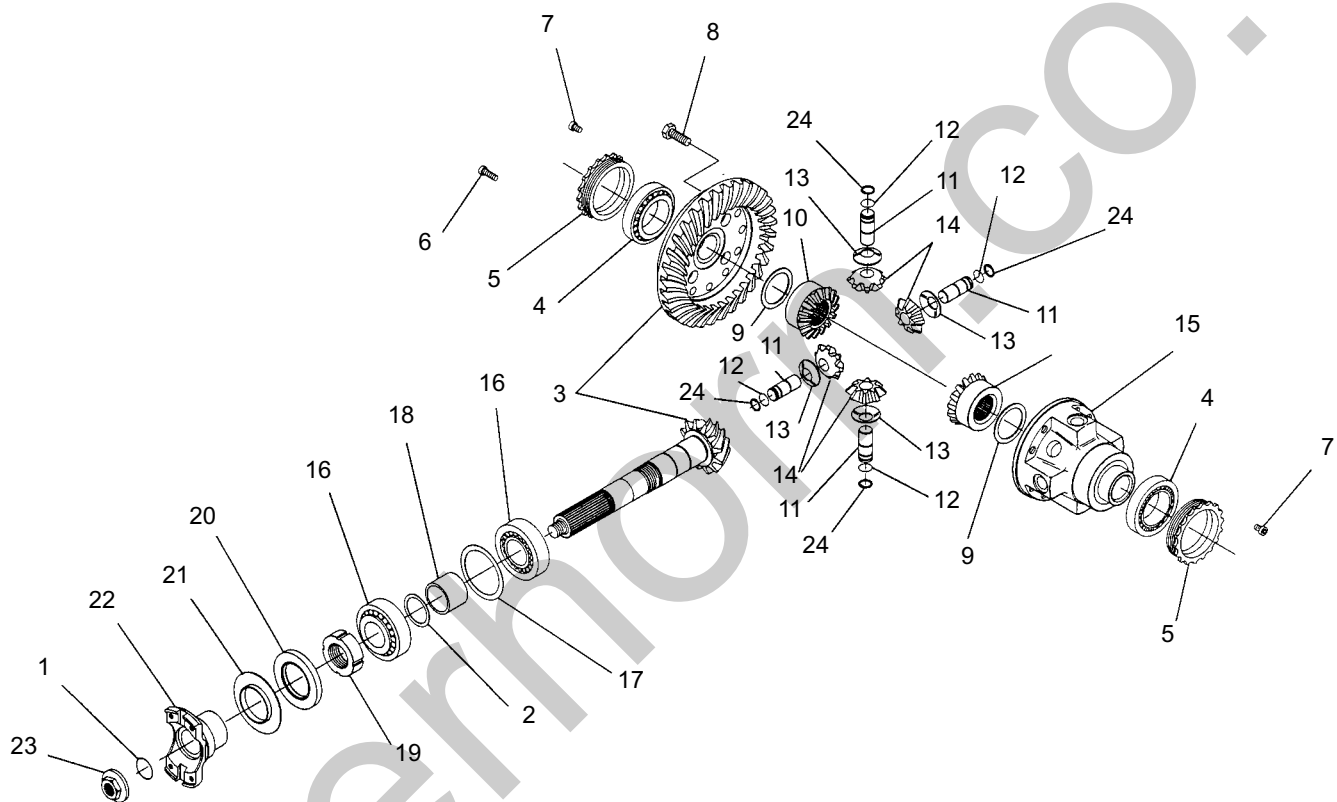
Outer End Group



Outer End Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808538	NUT	2	25	809623	PLUG	4
02	809419	STEERING ADJUST BOLT	2	26	809434	STEERING CASE - RF/LR	1
03	809420	AXLE CASE	2			(includes item 11)	
04	809421	BOLT	32	27	809435	SEAL	2
05	808540	REDUCTION BUSHING	2	28	809436	BEARING	4
		(includes items 6-9, and 47)		29	809437	WHEEL STUD	16
06	808541	SEAL	2	30	809438	WHEEL HUB	2
07	809048	BALL BEARING	2	31	809057	O-RING	2
07	809049	CIRCLIP	2	32	809439	RING GEAR	2
09	808542	O-RING	2	33	809440	RING GEAR SUPPORT	2
10	809422	JOINT	2	34	809441	CIRCLIP	8
11	809423	THRUST BUSHING	2	35	809442	PLANET GEAR	8
		(included with items 21 and 26)		36	809443	BEARING	8
12	809424	OUTER RACE	2	37	808876	WHEEL NUT	16
13	809425	BOLT	20	38	809413	SEAL WASHER	6
14	809426	COVER	2	39	808546	COUNTERSUNK BOLT	4
15	808543	PLUG	4	40	809444	PLANET GEAR CARRIER	2
16	809046	GREASE FITTING	2	41	808547	STUD	16
17	809427	PIVOT PIN	2	42	808548	NUT	16
		(includes item 16)		43	809445	CIRCLIP	2
18	809428	PIVOT PIN	2	44	809464	ADJUSTING BOLT	4
		(includes items 16, 19 and 20)		45	809446	NUT	4
19	809429	SEAL	2	46	809447	LOCKING PLATE	2
20	809430	ARTICULATION	2	47	809050	CIRCLIP	2
21	809431	STEERING CASE - LF/RR	1	48	809465	SPACER	2
		(includes item 11)		49	809448	SHIM - .15mm	2
22	809432	SEAL	2		809449	SHIM - .20mm	2
23	809433	DUST EXCLUDER	2		809450	SHIM - .50mm	2
24	809414	MAGNETIC PLUG	2	50	809451	PLANET GEAR CARRIER	2
						(includes items 32-36, 40-41)	

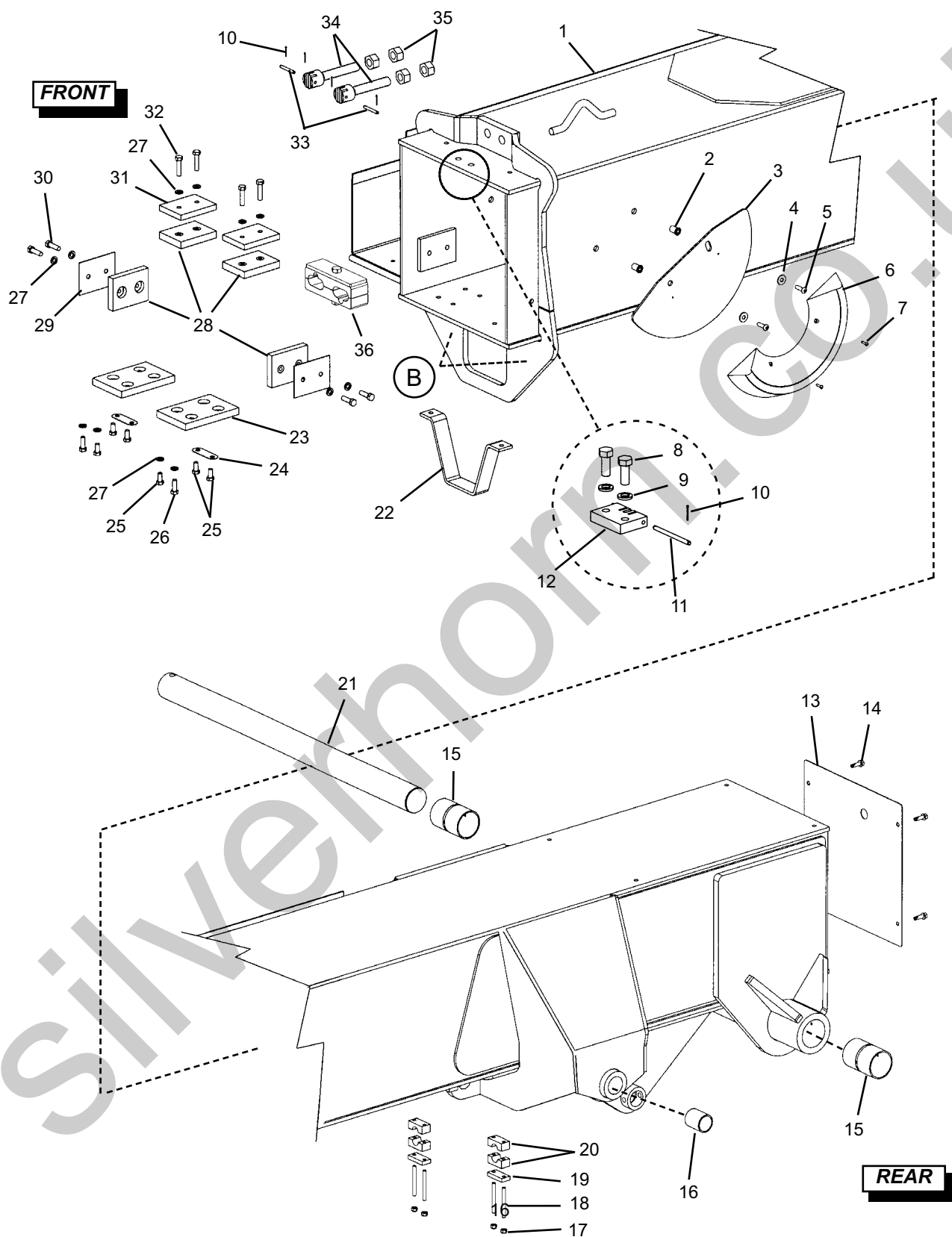
Differential Group



Differential Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808517	O-RING	1	13	808530	FRICTION WASHER	4
02	809415	SHIM	1	14	808531	DIFFERENTIAL PINION	4
	808518	SHIM	1	15	808532	DIFFERENTIAL CARRIER	1
	808519	SHIM	1	16	809467	TAPER ROLLER BEARING	2
	808520	SHIM	1	17	809055	SHIM	1
	808521	SHIM	1		809056	SHIM	1
03	808521	BEVEL GEAR SET	1		808533	SHIM	1
04	809051	TAPER ROLLER BEARING	2		808534	SHIM	1
05	808522	RING NUT	2	18	808535	SPACER	1
06	808523	CYLINDER BOLT	4	19	809054	RING NUT	1
07	808524	CYLINDER BOLT	2	20	809053	SEAL	1
08	808525	BOLT	12	21	809052	COVERPLATE	1
09	808526	FRICTION WASHER	2	22	809418	FLANGE	1
10	808527	DIFFERENTIAL SIDE GEAR	2	23	808536	NUT	1
11	808528	PIN	4	24	808537	CIRCLIP	4
12	808529	CIRCLIP	4				

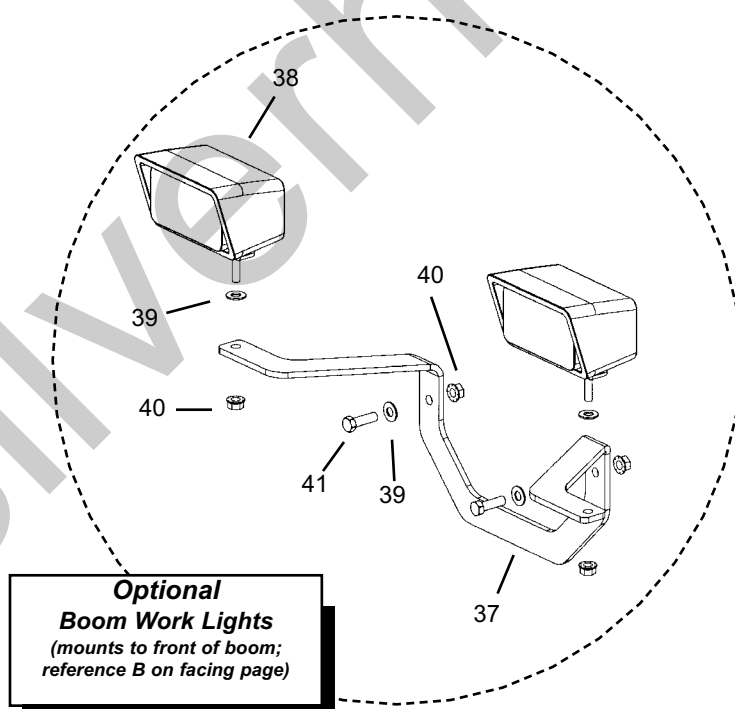
Outer Boom Section



Outer Boom Section

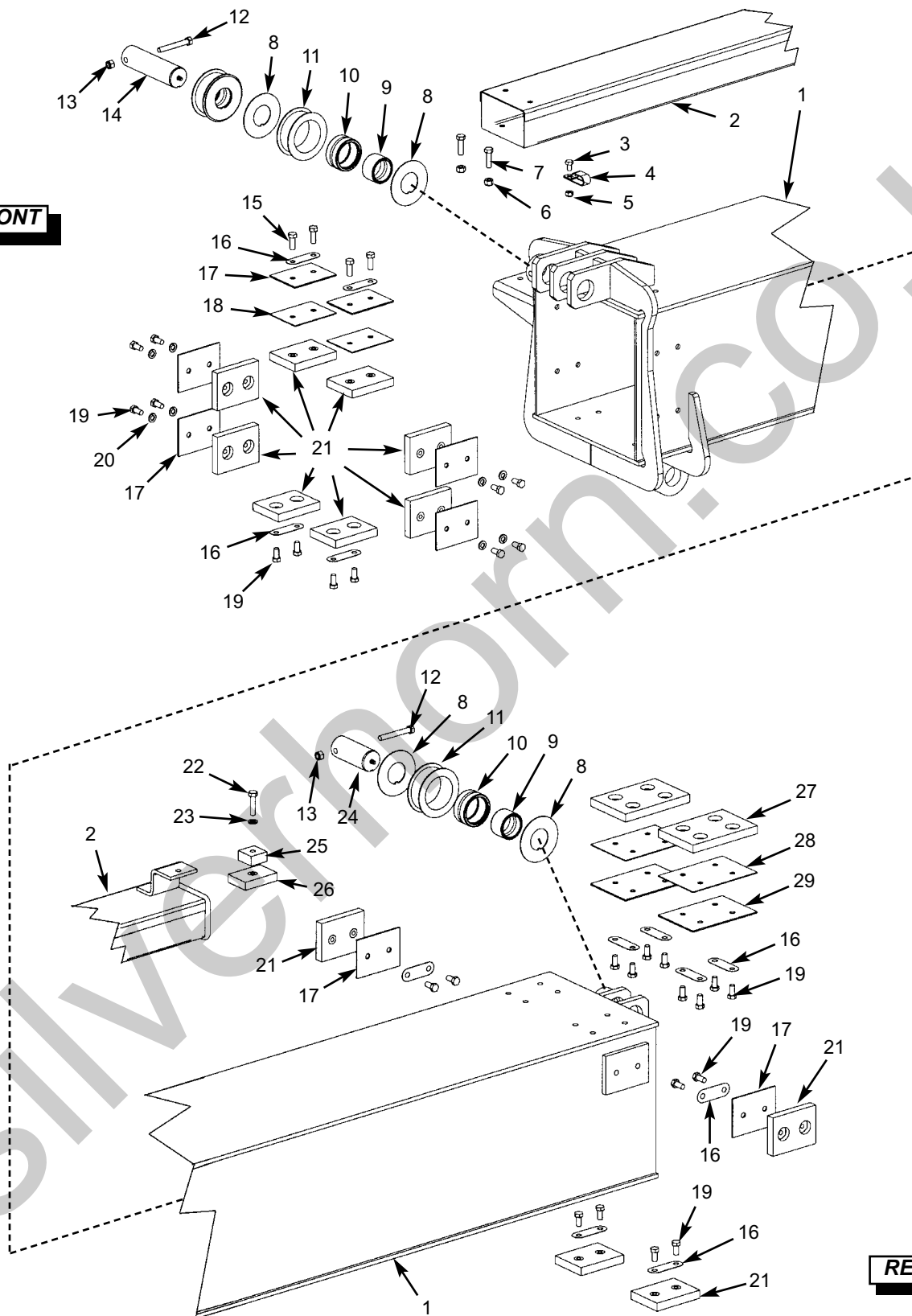
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809575	OUTER SECT. WELDMENT.....	1	24	808696	FLAT-BOLT LOCK.....	2
02	808902	5/16"-18 NUTSERT.....	2	25	808606	3/8"-16X3/4" BOLT.....	6
03	808800	PLATE, BOOM ANGLE IND.....	1	26	808617	3/8"-16X1" BOLT.....	2
04	808590	5/16" FLAT WASHER.....	2	27	808593	3/8" LOCK WASHER.....	12
05	809496	5/16"-18X1" BTNHD BOLT.....	2	28	809502	SLIDE PAD 5/8"X3"X4".....	4
06	808799	INCLINOMETER-ANGLE IND.....	1	29	808701	SHIM .06"X3"X4".....	2
07	809492	#8X5/8" RND HD MACH.SCREW..	2	30	808621	3/8"-16X1-1/4" BOLT.....	4
08	808619	1/2"-20X1-1/4" BOLT.....	2	31	808747	SHIM 1/2"X3"X4".....	2
09	808596	1/2" LOCK WASHER.....	2	32	808608	3/8"-16X1-1/2" BOLT.....	4
10	809488	PIN, COTTER 1/16"X3/4".....	6	33	809522	PIN, CLEVIS ADJUSTMENT.....	2
11	809524	PIN, OUTER BOOM CLEVIS.....	1	34 ^a	809521	CLEVIS, CHAIN ADJUSTMENT...	2
12	809525	CLEVIS, OUTER BOOM.....	1	35	809468	3/4"-10 NUT.....	4
13	809516	REAR OUTER COVER.....	1	36	809359	ASY. BOOM HOSE CLAMP.....	1
14	809484	5/16"-18X1" SELF TAP SCREW...	4	37 ^b	809360	BRACKET, LIGHT MOUNT.....	1
15	809564	BUSHING 2.5IDX2.75ODX4".....	2	38 ^b	808890	WORKLIGHT.....	2
16	809514	LIFT CYL. PIVOT BUSHING.....	2	39 ^b	808592	3/8" FLAT WASHER.....	4
17	808662	5/16"-18 NYLON INSERT NUT....	4	40 ^b	808559	3/8"-16 WHIZ LOCK NUT.....	4
18	809494	5/16"-18X3" STUD.....	4	41 ^b	808621	3/8"-16X1-1/4" BOLT.....	2
19	809579	CUSHION TOP PLATE.....	2	--- ITEMS NOT SHOWN ---			
20	809574	.88 HOSE CUSHION SINGLE.....	4	00 ^b	808906	WIRE HARNESS, WORKLIGHT...	1
21	809515	PIN, PIVOT PIN.....	1				
	809685	CAPSCREW 1/2-13X5.....	1				
	808665	NYLON INSERT NUT 1/2-13.....	1				
22	809544	EXT. CYL. BRACKET.....	1				
	808617	3/8"-16X1" BOLT.....	2				
	808593	3/8" LOCK WASHER.....	2				
23	809501	SLIDE PAD 5/8"X4"X6".....	2				

a Refer to Inner Boom Section for boom chains.
b When equipped with Optional Boom Work Lights.
(Refer to illustration below.)



Intermediate Boom Section

FRONT



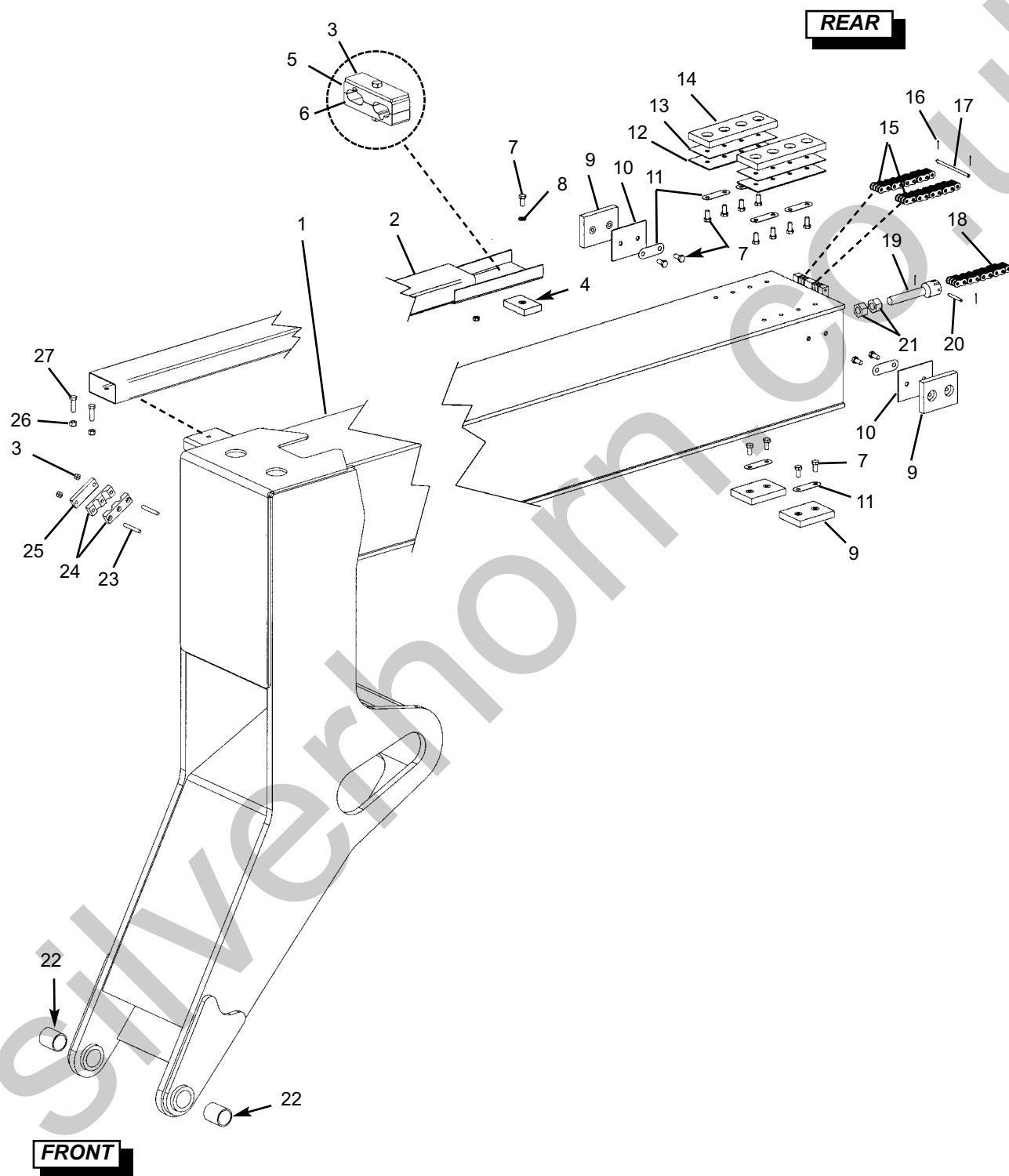
REAR

Intermediate Boom Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809595	INTERMEDIATE SECT WLDMNT..	1	16	808696	FLAT-BOLT LOCK	12
02	809509	TRAY, INTERMEDIATE	1	17	808702	SHIM, .105"X3"X4"	8
03	808602	5/16"-18X1/2" BOLT	1	18	808701	SHIM, .06"X3"X4"	2
04	809483	CLAMP, VINLYL .69 DBL	1	19	808606	3/8"-16X3/4" BOLT	28
05	808662	5/16"X18 NYLON INSERT NUT ...	1	20	808593	3/8" LOCK WASHER.....	8
06	808663	3/8"-16 NYLON INSERT NUT.....	2	21	809502	SLIDE PAD, 5/8"X3"X4".....	12
07	808668	3/8"-16X1-1/4" BOLT.....	2	22	808608	3/8"-16X1-1/2" BOLT.....	1
08	809593	WASHER, CHAIN SHEAVE	6	23	808593	3/8" LOCK WASHER.....	1
09	809520	RING, BEARING-INNER	3	24	809592	PIN, REAR SHEAVE	1
10	809519	BEARING, BOOM SHEAVE	3	25	809529	SPACER, TRAY BRACKET.....	1
11	809517	SHEAVE, CHAIN.....	3	26	809500	SLIDE PAD, 2"X3".....	1
12	808609	3/8"-16X2-3/4" BOLT	2	27	809501	SLIDE PAD, 5/8"X4"X6".....	2
13	808663	3/8"-16 NYLON INSERT NUT.....	2	28	808700	SHIM, .06"X4"X6"	2
14	809591	PIN, FRONT SHEAVE.....	1	29	809504	SHIM, .105"X4"X6"	2
15	808617	3/8"-16X1" BOLT	4				

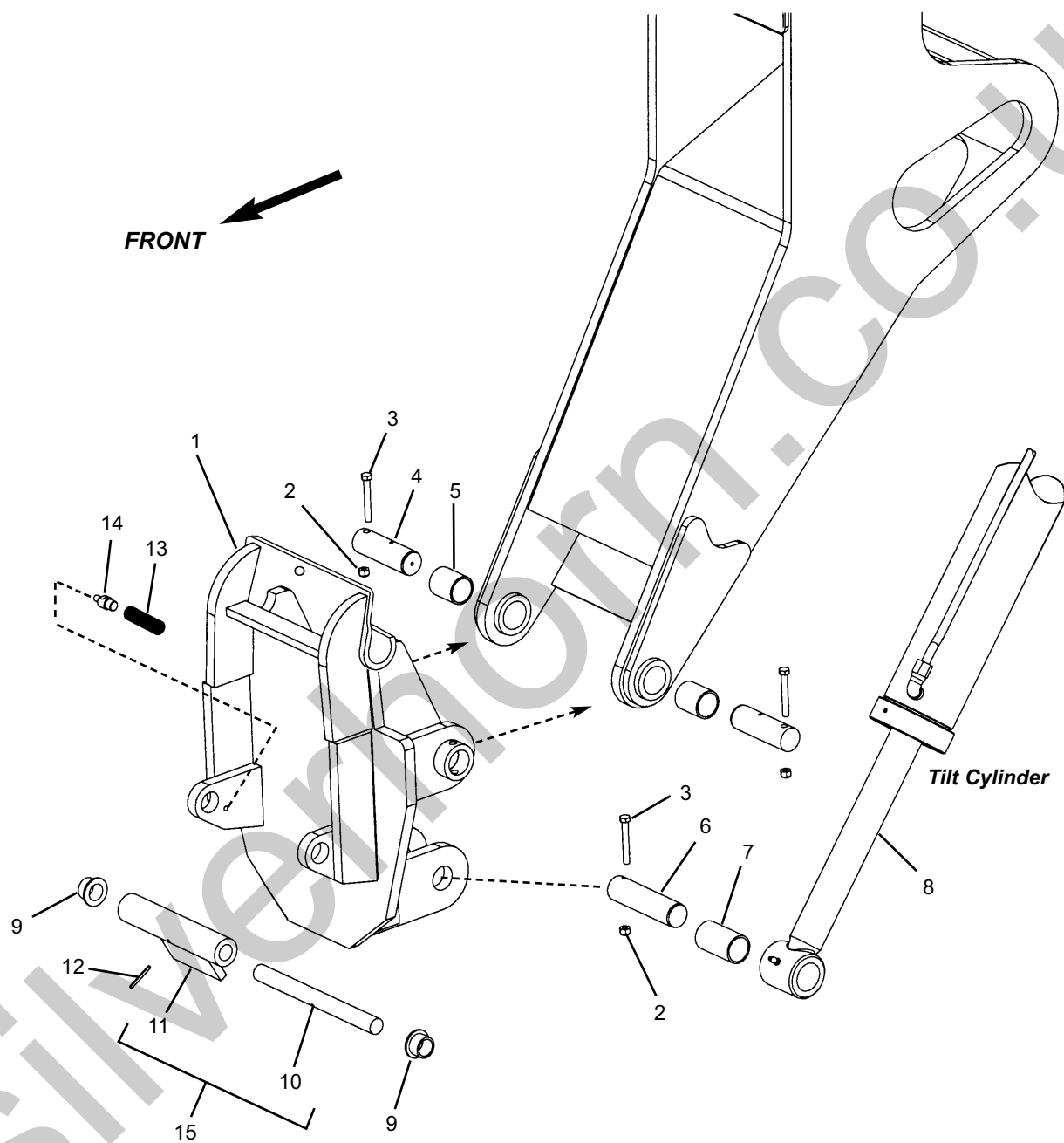
Note: Refer to Inner Boom Section for boom chains.

Inner Boom Section



Inner Boom Section

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809596	INNER BOOM WELDMENT	1	20	809522	PIN, CLEVIS ADJUSTMENT	1
02	809508	HOSE TRAY, INNER BOOM	1	21	809468	3/4"-10 NUT	2
03	809619	ASY. BOOM HOSE CLAMP	1	22	809514	BUSHING	2
04	809500	SLIDE PAD 2"x3"	1	23	809493	5/16"-18X2-1/4" STUD	2
05	809357	CLAMP, BOOM HOSES	1	24	808728	CUSHION, HOSE-TWIN .68	2
06	809358	CLAMP, BOOM W/INSERT	1	25	808727	PLATE, TWIN CUSHION TOP	1
07	808606	3/8"-16X3/4" BOLT	17	26	808663	3/8"-16 NYLON INSERT NUT	2
08	808593	3/8" LOCK WASHER	1	27	808668	3/8"-1-1/4" BOLT	2
09	809502	SLIDE PAD 5/8"x3"x4"	4				
10	808702	SHIM .105"x3"x4"	2				
11	808696	FLAT-BOLT LOCK	8				
12	808819	SHIM .105"x3"x8"	2	a		Attaches from the rear of the inner boom to the chain adjustment clevis' located on the front of the outer boom section. (Refer to Outer Boom Section, item #34, chain adjustment clevis.)	
13	808818	SHIM .06"x3"x8"	2				
14	808817	SLIDE PAD 3"x8"	2				
15 ^a	809518	CHAIN, BOOM LEAF	2	b		Attaches from item #19 (chain adjustment clevis) to outer boom clevis. (Refer to Outer Boom Section, item #12, outer boom clevis.)	
16	809488	PIN, COTTER 1/16"x3/4"	4				
17	809523	PIN, INNER BOOM CLEVIS	1				
18 ^b	809518	CHAIN, BOOM LEAF	1				
19	809521	CLEVIS, CHAIN ADJUSTMENT	1				

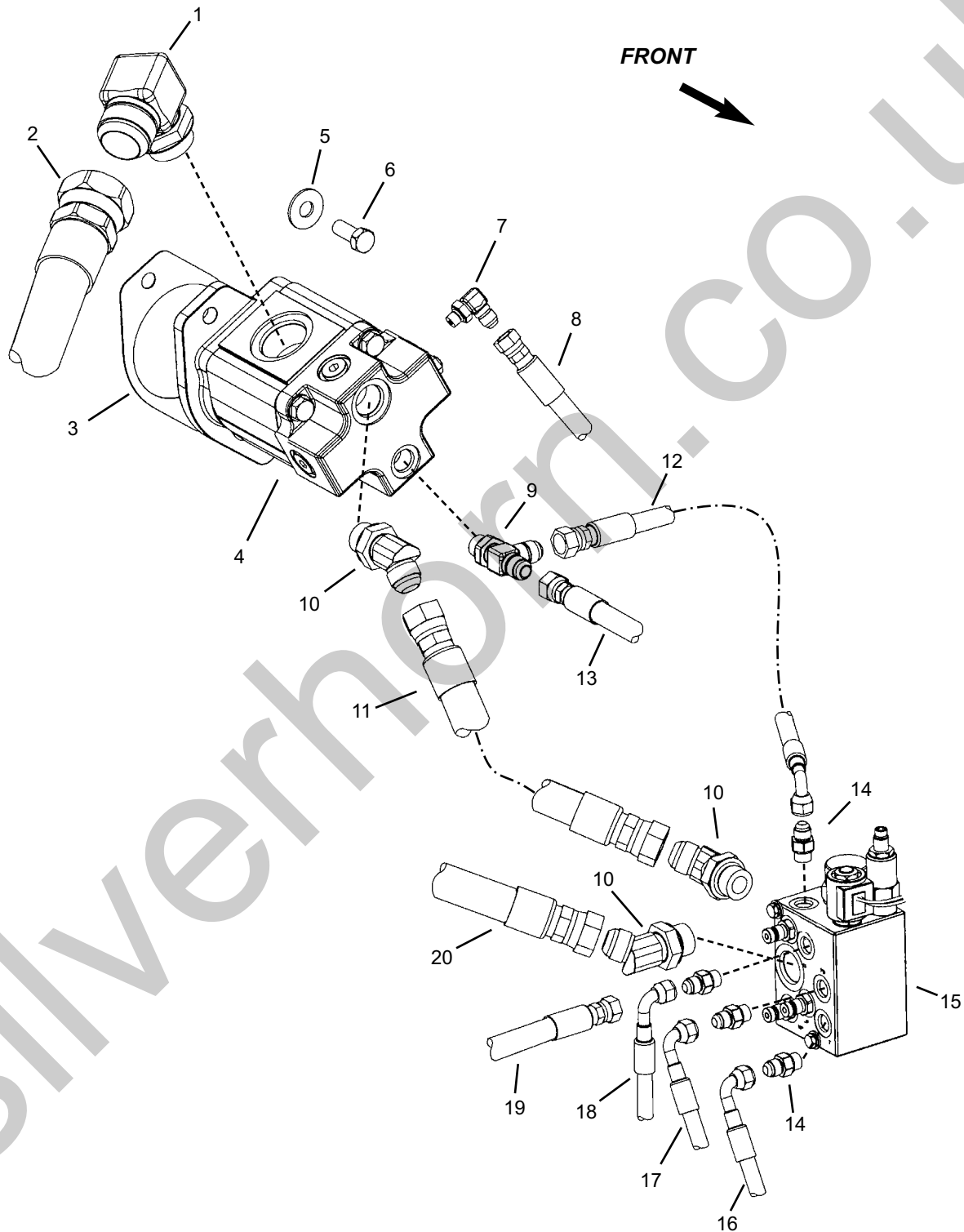


Dynattach®

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809337	DYANATTACH WELDMENT	1	12	808633	3/16"X1-3/4" ROLL PIN	1
02	808663	3/8"-16 NYLON INSERT NUT	3	13	808786	LOCK SPRING	1
03	808609	3/8"-16X2-3/4" BOLT	3	14	808787	SPRING MOUNT	1
04	809533	PIN, TAPPED 1-1/2" DIA.	2	15	809546	LOCK AND PIN ASSEMBLY	1
05	809514	BUSHING	2			(includes item 10-12)	
06	809531	PIN, TILT CYL.(ROD END)	1				
07	808709	BUSHING, TILT CYL (ROD END)	1				
08	809511	TILT CYLINDER	1				
09	808811	BUSHING, LOCK PIN	2	00	808038	DECAL, DYNATTACH UNLOCKED 1	1
10 ^a	NSS	PIN, DYNATTACH LOCK	1			(adheres to item #11)	
11 ^a	NSS	DYNATTACH LOCK WLDMNT	1	a		Not sold seperately, order item #15	

-- ITEMS NOT SHOWN --

Hydraulic Pump and Flow Divider



Hydraulic Pump and Flow Divider

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809390	ADAP, -20ORM -24JICM 90DEG ..	1	14	808443	ADAP, -6ORM -6JICM STR	AR
02	808713	HOSE, -24 A24/A24 35"	1	15	808126	FLOW DIVIDER.	1
03	809395	GASKET, HYD PUMP	1	16	809361	HOSE, -6 A6/DS6 52"	1
04 ^a	809330	HYDRAULIC PUMP	1	17	809352	HOSE, -6 A6/A6 28"	1
05	809686	1/2" FLAT WASHER	2	18 ^b	809353	HOSE, -4 A6/DS6 52"	1
06	809687	1/2"-13X1-1/4" BOLT	2	19 ^c	808715	HOSE, -4A6/A6 15"	1
07	809506	ADAP, -4ORM -6JICM 90 DEG....	1	20 ^a	809540	HOSE, -12 A12/DS12 114"	1
08	809617	HOSE, -4 A6/A6 46"	1				
09	808769	ADAP, -8 RUN TEE	1				
10	809388	ADAP, -12ORM -12JICM 45 DEG..	3				
11	809599	HOSE, -12 A12/A12 17"	1				
12	808275	HOSE, -6 A8/DS6 19"	1				
13	809537	HOSE, -6 A8/DS8 40"	1				

a Refer to hydraulic breakdown section for a break down of this component.

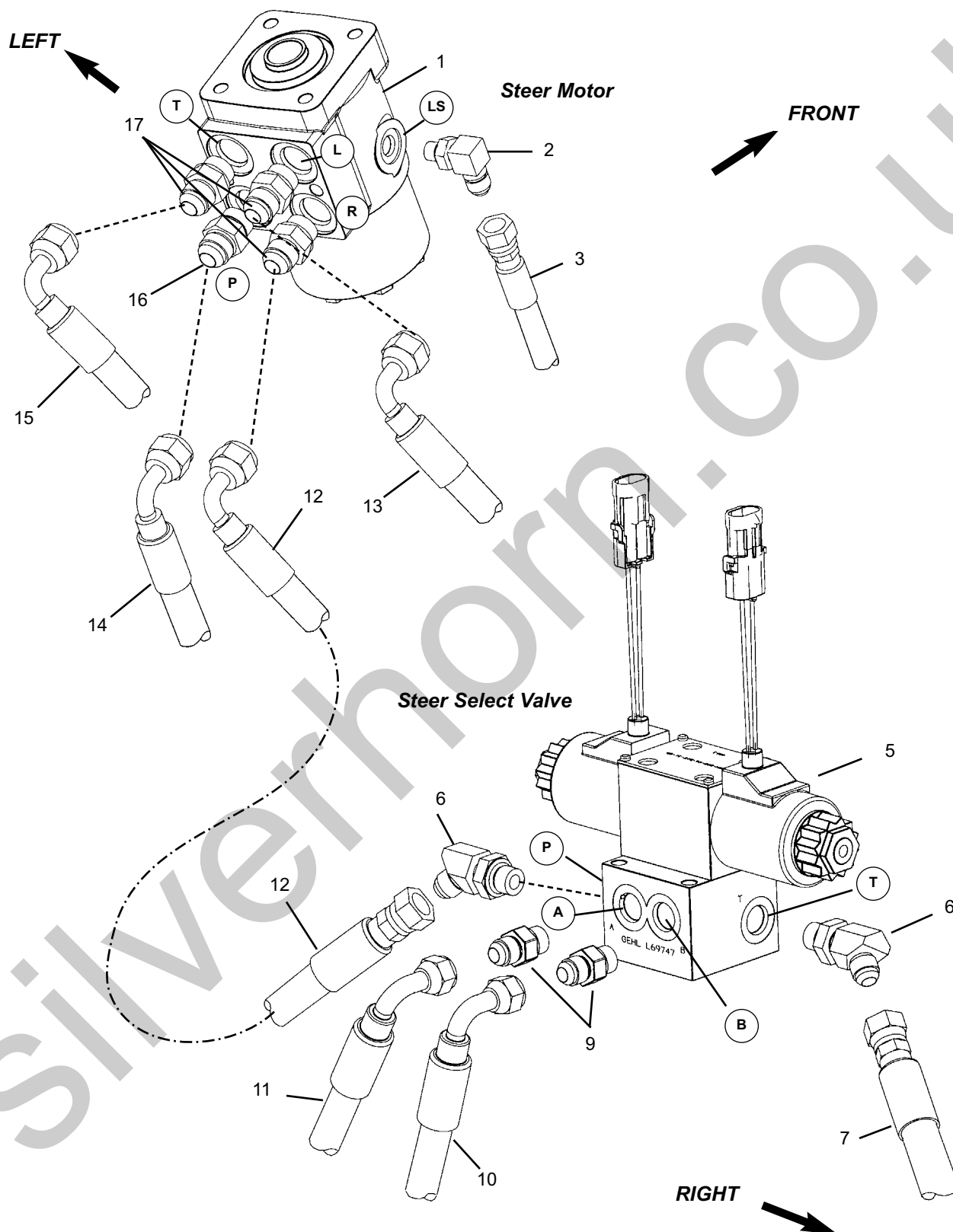
b Standard (not equipped with PWP).

c Option (when equipped with PWP).

HOSE LOCATOR

02	HYDRAULIC PUMP	HYDRAULIC TANK
08	HYDRAULIC PUMP	STEER MOTOR PORT "LS"
11	HYDRAULIC PUMP	FLOW DIVIDER PORT "IN"
12	HYDRAULIC PUMP	FLOW DIVIDER PORT "S"
13	HYDRAULIC PUMP	STEER MOTOR PORT "P"
16	FLOW DIVIDER PORT "T"	HYDRAULIC TANK RETURN MANIFOLD
17	FLOW DIVIDER PORT "PB"	FRONT AXLE "PB" (LEFT SIDE)
18 ^b	FLOW DIVIDER PORT "J"	JOYSTICKS
19 ^c	FLOW DIVIDER PORT "J"	PWP PORT "P"
20	FLOW DIVIDER PORT "EF"	MAIN VALVE PORT (FRONT LEFT)

Steer Motor and Steer Select Valve



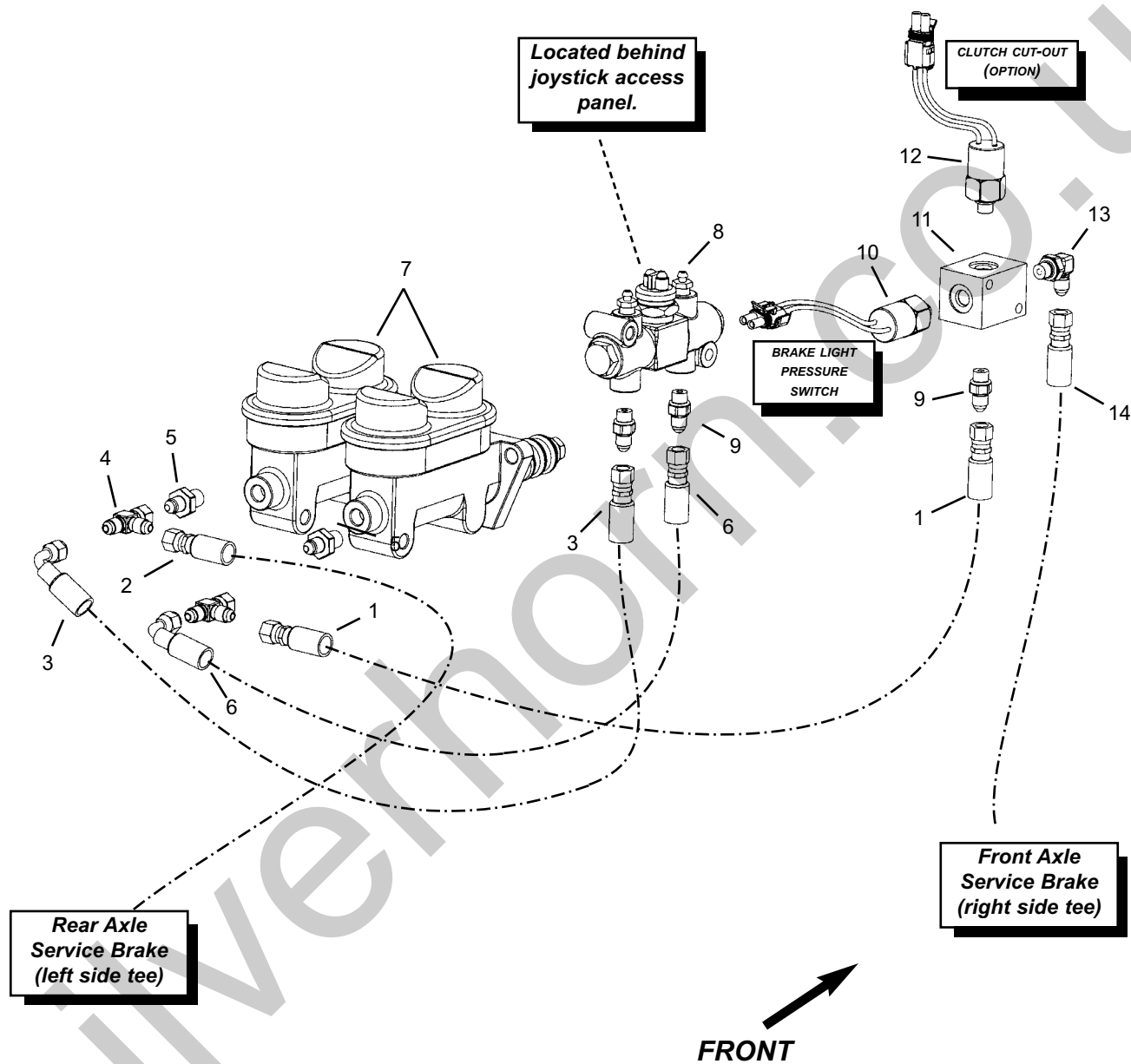
Steer Motor and Steer Select Valve

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809292	STEER MOTOR	1	09	808443	ADAP, -6ORM -6JICM STR.....	2
02	809506	ADAP, -4ORM -6JICM 90 DEG....	1	10	808885	HOSE, -6 A8/DS6 100"	1
03	809616	HOSE, -4 A6/A6 46"	1	11	808885	HOSE, -6 A8/DS6 100"	1
04	NA		0	12	808716	HOSE, -6 A6/DS8 52"	1
05	808877	VALVE, STEER SELECT	1	13	809538	HOSE, -6 A8/DS8 67"	1
	808627	1/4"-20X3" BOLT	2	14	809537	HOSE, -6 A8/DS8 40"	1
	808661	1/4"-20 NYLON INSERT NUT	2	15	809600	HOSE, -6 A6/DS6 70"	1
06	808456	ADAP, -6ORM -6JICM 45 DEG....	2	16	808763	VALVE, CHECK, -8ORM	1
07	809354	HOSE, -6 A8/A6 22"	1	17	808445	ADAP, -8ORM -8JICM STR.....	3
08	NA		0				

HOSE LOCATOR

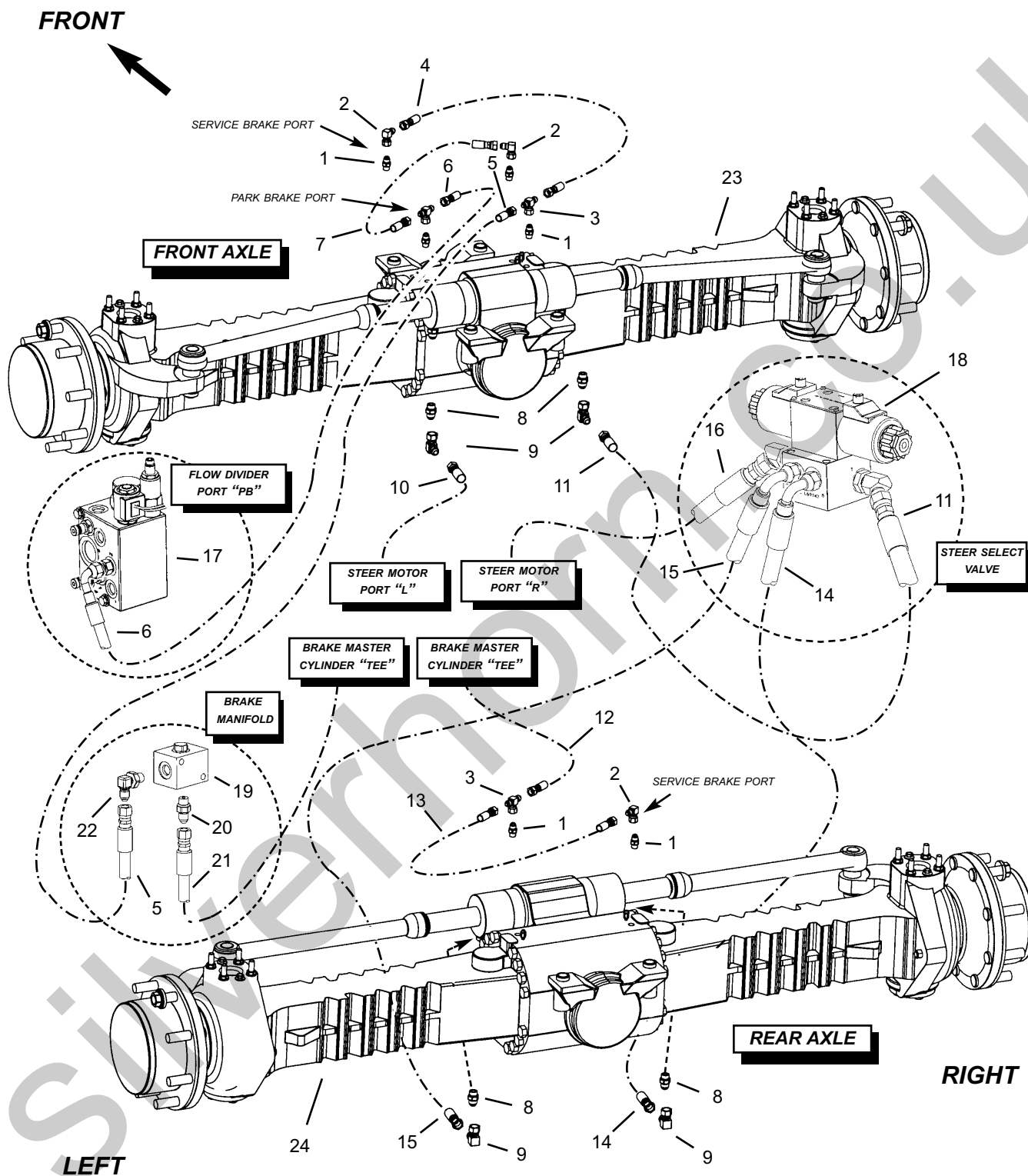
03	STEER MOTOR PORT "LS"	HYDRAULIC PUMP (item #8 on previous page)
07	STEER SELECT VALVE PORT "T"	STEER CYLINDER, FRONT AXLE RIGHT SIDE
10	STEER SELECT VALVE PORT "B"	STEER CYLINDER, REAR AXLE RIGHT SIDE
11	STEER SELECT VALVE PORT "A"	STEER CYLINDER, REAR AXLE LEFT SIDE
12	STEER MOTOR PORT "R"	STEER SELECT VALVE PORT "P"
13	STEER MOTOR PORT "L"	STEER CYLINDER, FRONT AXLE LEFT SIDE
14	STEER MOTOR PORT "P"	HYDRAULIC PUMP
15	STEER MOTOR PORT "T"	HYDRAULIC TANK RETURN MANIFOLD

Brake Valve Group



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808276	HOSE, -4 A4/A4 52"	1	13	808656	ADAP, -40RM -4JICM 90 DEG	3
02	808279	HOSE, -4 A4/A6 90"	1	14	809355	HOSE, -4 A4/A6 40"	1
03	808725	HOSE, -4 A4/A4 45"	1				
04	809392	ADAP, -4 SWIVEL TEE	2			-- ITEMS NOT SHOWN--	
05	808703	ADAP, HYDROMAX -4JICM STR . . .	2	00	808805	WIRE, 16ga. 6"	1
06	808725	HOSE, -4 A4/DM4 17"	1			(ground wire for item #8)	
07	808714	VALVE, MASTER CYLINDER	2	00 ^b	808681	PLUG, -4ORM SAE	1
08	808719	SWITCH, DIFF. PRESSURE	1				
09	808446	ADAP, -4ORM -4JICM STR	AR				
10	808299	SWITCH, PRESSURE 150 PSI.	1	a		Used when unit is equipped with Clutch Cut-Out option.	
11	808905	MANIFOLD, BRAKE LINE	1				
12 ^a	808299	SWITCH, PRESSURE 150 PSI.	1	b		Used when unit is not equippped with Clutch Cut-Out option. Plug is used in place of pressure switch.	

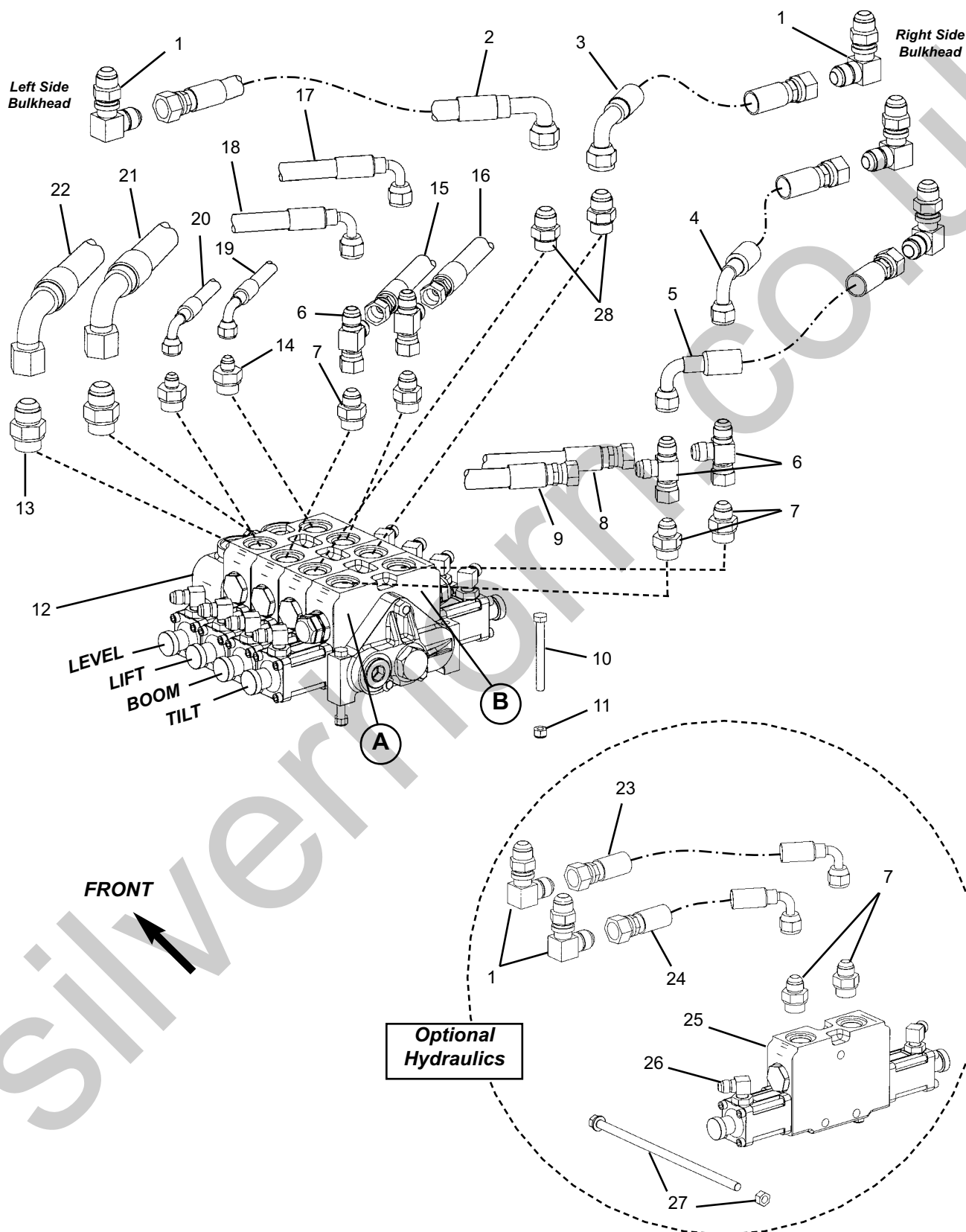
Brake and Steering Lines Group



Brake and Steering Lines Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808804	ADAP, M14X1.5ORM -6JICM	6	13	808884	HOSE, -4 A6/A6 25"	1
02	808679	ADAP, -6JICFS -6JICM 90	3	14	808885	HOSE, -6 A6/A8 100"	1
03	809173	ADAP, -6 SWIVEL TEE	3	15	808885	HOSE, -6 A6/A8 100"	1
04	808884	HOSE, -4 A6/A6 25"	1	16	808716	HOSE, -6 A6/DS8 52"	1
05	809355	HOSE, -4 A6/A4 40"	1	17	808126	FLOW DIVIDER VALVE	1
06	809352	HOSE, -6 A6/A6 28"	1	18	808877	VALVE, STEER SELECT	1
07	808884	HOSE, -4 A6/A6 25"	1	19	808905	MANIFOLD, BRAKE LINE	1
08	808076	ADAP, M18 ORM - 8JICM STR.	4	20	808457	ADAP, -4ORM -4JJICM STR	AR
09	808459	ADAP, -8JICFS -8JICM 90	4	21	808276	HOSE, -4 A4/A4 52"	1
10	809538	HOSE, -6 A8/DS8 67"	1	22	808656	ADAP, -40RM -4JICM 90 DEG	1
11	809354	HOSE, -6 A8/A6 22"	1	23	809310	AXLE, FRONT (w/ int. park brake)	1
12	808279	HOSE, -4 A4/A6 90"	1	24	809608	AXLE, REAR	1

Main Valve Group



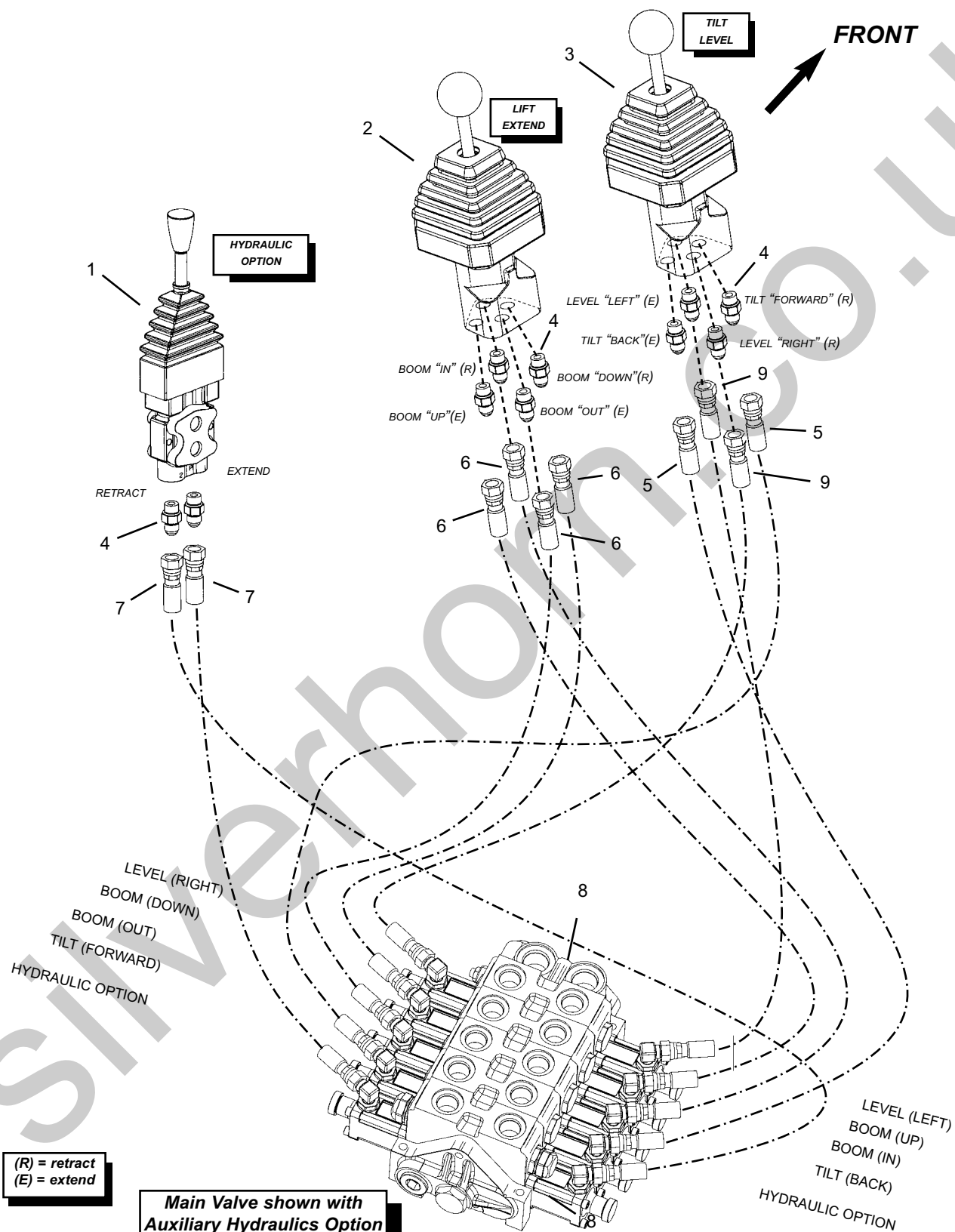
Main Valve Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01 ^a	808441	ADAP, BLKHEAD 90 -10JICM.	4	17	808851	HOSE, -6 A8/DS8 54"	1
02	809604	HOSE, -8 A10/DS10 15"	1	18	809601	HOSE, -6 A8/DS8 48"	1
03	809604	HOSE, -8 A10/DS10 15"	1	19	809602	HOSE, -4 A6/DS6 136"	1
04	809606	HOSE, -8 A10/DS8 14"	1	20	809602	HOSE, -4 A6/DS6 136"	1
05	809605	HOSE, -8 A10/DS8 17"	1	21	809540	HOSE, -12 A12/DS12 114"	1
06	809391	ADAP, -8JICFS -8JICM RUN T	4	22	809540	HOSE, -12 A12/DS12 114"	1
07 ^a	808448	ADAP, -10ORM -8JICM	4	23	809605	HOSE, -8 A10/DS8 17"	1
08	809607	HOSE, -6 A8/A8 26"	1	24	809606	HOSE, -8 A10/DS8 14"	1
09	809541	HOSE, -6 A8/A8 48"	1	25	809597	KIT, VALVE SECTION	1
10	809495	5/16"-18X3" BOLT	3			(includes item #27)	
11	808662	5/16"-18 NYLON INSERT NUT	3	26	808455	ADAP, -6ORM -6JICM 90 DEG . . .	10
12	809590	VALVE, MAIN CONTROL (V20) . . .	1	27	NSS	BOLT KIT (included with item #25) .	1
13	808442	ADAP, -12ORM -12JICM STR.	2	28	808449	ADAP, -10ORM -10JICM	2
14	809497	ADAP, -10ORM -6JICM STR.	2				
15	809541	HOSE, -6 A8/A8 48"	1	a		Add (2) to quantity when unit is equipped with optional hydraulics	
16	809541	HOSE, -6 A8/A8 48"	1				

HOSE LOCATOR

02	MAIN VALVE SECTION 3 PORT "A"	BULKHEAD FITTING TO (BOOM EXTEND)
03	MAIN VALVE SECTION 3 PORT "B"	BULKHEAD FITTING TO (BOOM RETRACT)
04	MAIN VALVE SECTION 4 PORT "B"	BULKHEAD FITTING TO (TILT CYL. RETRACT)
05	MAIN VALVE SECTION 4 PORT "A"	BULKHEAD FITTING TO (TILT CYL. EXTEND)
08	MAIN VALVE SECTION 4 PORT "B"	SLAVE CYLINDER (BOTTOM-RETRACT)
09	MAIN VALVE SECTION 4 PORT "A"	SLAVE CYLINDER (TOP-EXTEND)
15	MAIN VALVE SECTION 2 PORT "A"	LIFT CYLINDER (RIGHT) (OUTSIDE-EXTEND)
16	MAIN VALVE SECTION 2 PORT "B"	LIFT CYLINDER (RIGHT) (INSIDE-RETRACT)
17	MAIN VALVE SECTION 2 PORT "B"	LIFT CYLINDER (LEFT) (OUTSIDE-RETRACT)
18	MAIN VALVE SECTION 2 PORT "A"	LIFT CYLINDER (LEFT) (INSIDE-EXTEND)
19	MAIN VALVE SECTION 1 PORT "B"	LEVEL CYLINDER (OUTSIDE-RETRACT)
20	MAIN VALVE SECTION 1 PORT "A"	LEVEL CYLINDER (INSIDE-EXTEND)
21	MAIN VALVE "IN"	FLOW DIVIDER PORT "EF"
22	MAIN VALVE "OUT"	HYDRAULIC TANK (FILTER COVER FITTING)
23	OPTIONAL HYD. SECTION PORT "B"	BULKHEAD FITTING TO (OPTION - RETRACT)
24	OPTIONAL HYD. SECTION PORT "A"	BULKHEAD FITTING TO (OPTION - EXTEND)

Main Valve / Hydraulic Controls

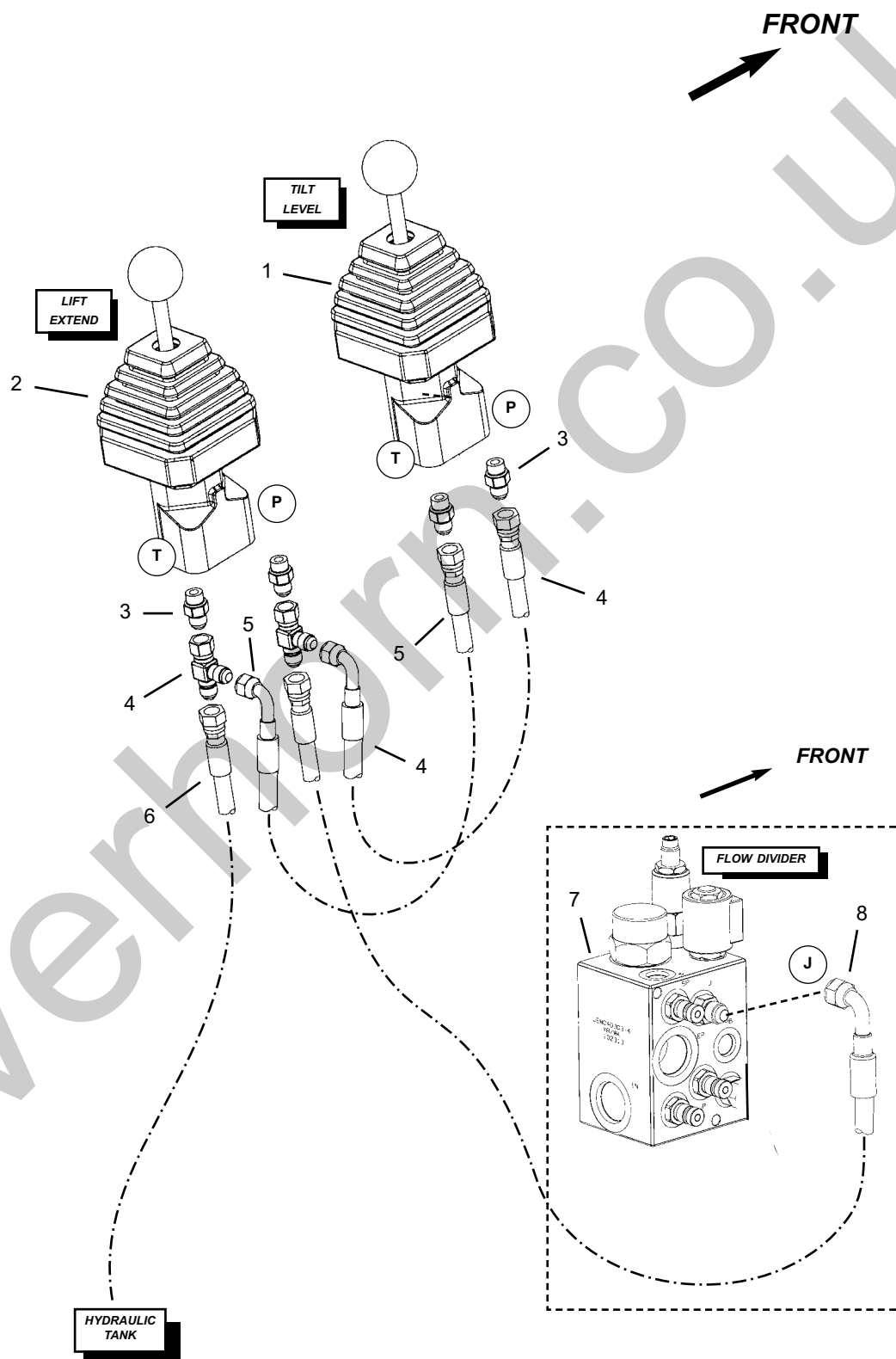


Main Valve / Hydraulic Controls

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809344	CONTROLLER, AUX. HYD	1	08 ^{ab}	809590	MAIN VALVE	1
02	809344	CONTROLLER, LIFT/EXTEND	1	09	809550	HOSE, -4 A6/A6 102"	2
03	809343	CONTROLLER, TILT/LEVEL	1				
04	808443	ADAP, -6ORM -6JICM STR	AR				
05	809603	HOSE, -4 A6/A6 108"	2				
06	808852	HOSE, -4 A6/A6 96"	4				
07	808852	HOSE, -4 A6/A6 96"	2				

a The illustration on the facing page shows the (optional) auxiliary hydraulic work section with the main valve. Refer to Main Valve Breakdown for more information.

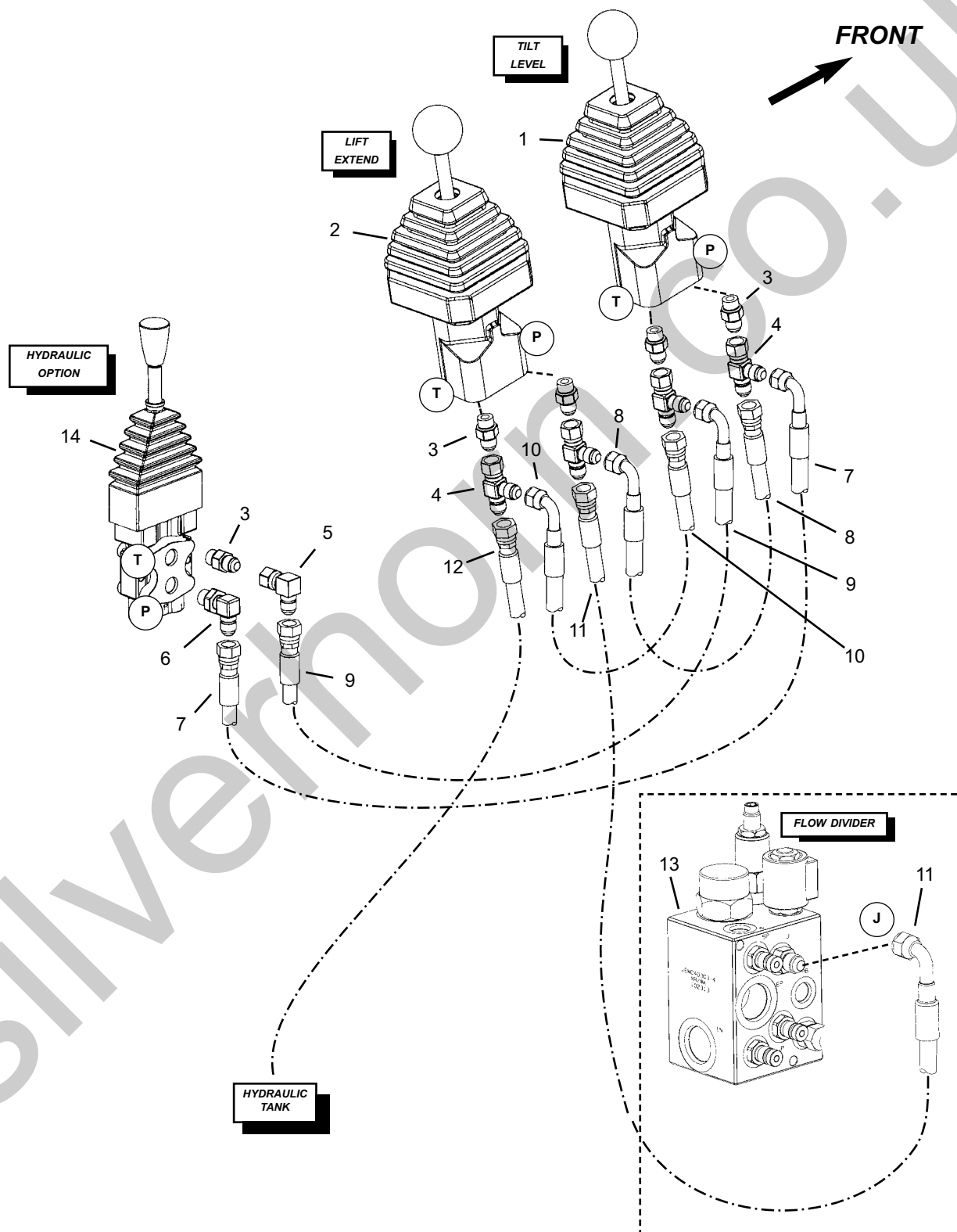
Hydraulic Controls - Standard



Hydraulic Controls - Standard

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809343	CONTROLLER, TILT/LEVEL.....	1	05	808882	HOSE, -4 A6/DS6 17".....	1
02	809344	CONTROLLER, LIFT/EXTEND....	1	06	809351	HOSE, -4 A6/A6 60".....	1
03	808443	ADAP, -6ORM -6JICM STR.....	4	07	808126	MANIFOLD, JOYSTICK RELIEF...	1
04	808882	HOSE, -4 A6/DS6 17".....	1	08	809353	HOSE, -4 A6/DS6 52".....	1

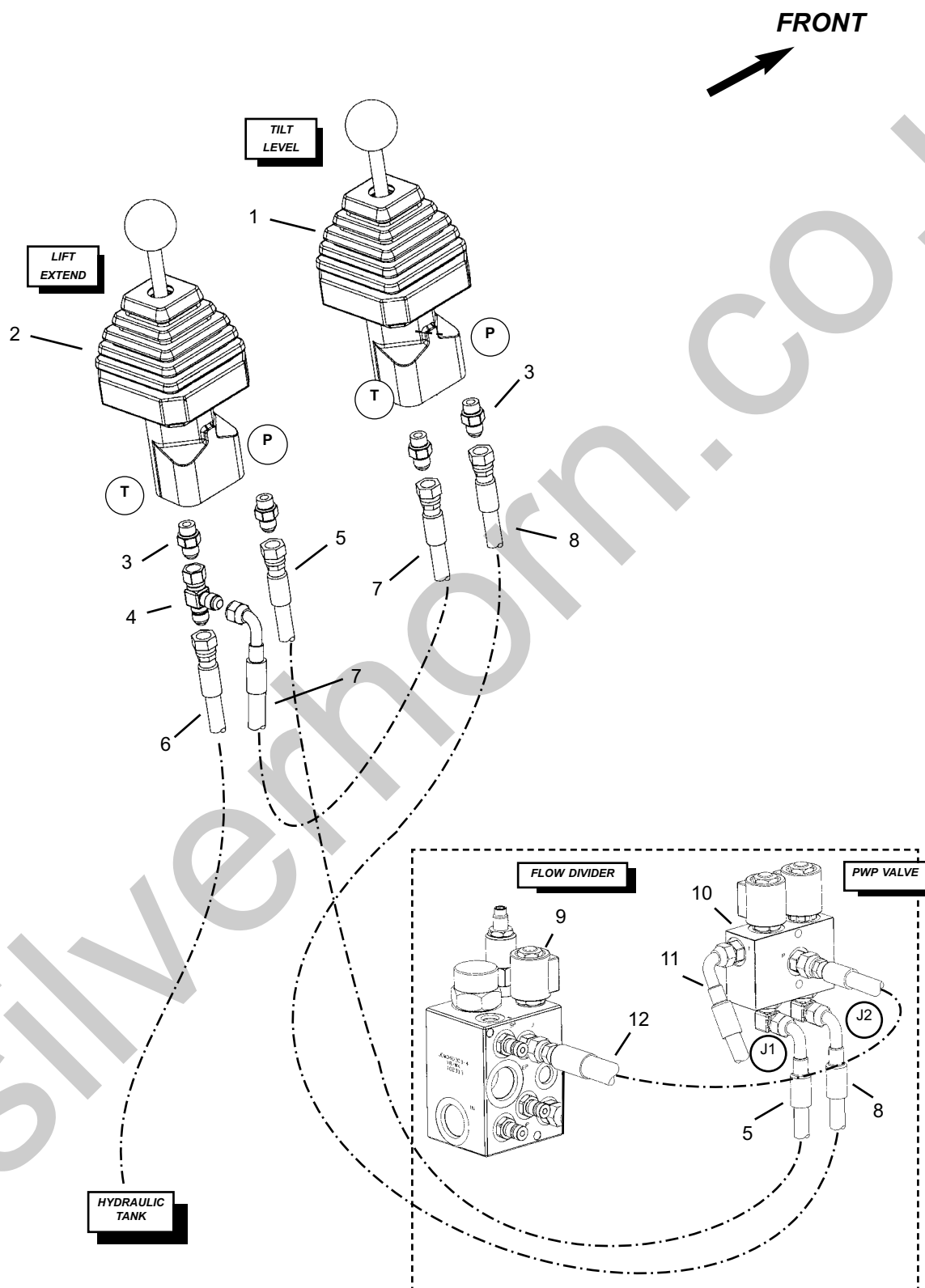
Hydraulic Controls - Auxiliary Hydraulic Option



Hydraulic Controls - Auxiliary Hydraulic Option

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809343	CONTROLLER, TILT/LEVEL	1	08	808882	HOSE, -4 A6/DS6 17"	1
02	809344	CONTROLLER, LIFT/EXTEND	1	09	808853	HOSE, -4 A6/DS6 20"	1
03	808443	ADAP, -6ORM -6JICM STR	AR	10	808882	HOSE, -4 A6/DS6 17"	1
04	808464	ADAP, -6 SWIVEL RUN TEE	AR	11	809353	HOSE, -4 A6/DS6 52"	1
05	808679	ADAP, -6JICM -6JICFS 90 DEG	AR	12	809351	HOSE, -4 A6/A6 60"	1
06	808455	ADAP, -6ORM -6JICM 90 DEG	AR	13	808126	MANIFOLD, JOYSTICK RELIEF	1
07	808853	HOSE, -4 A6/DS6 20"	1	14	809344	CONTROLLER, AUX. HYD.	1

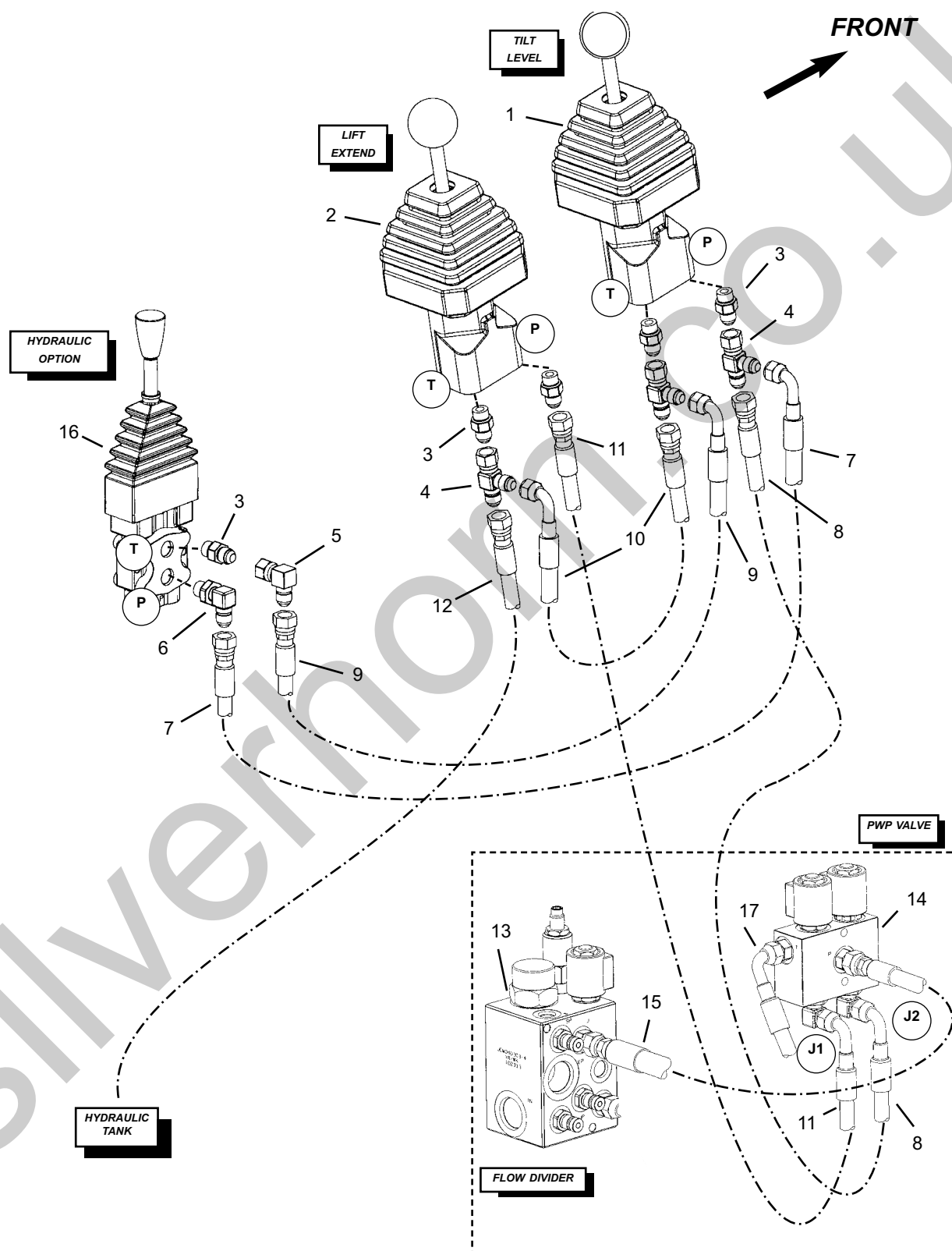
Hydraulic Controls - PWP Only



Hydraulic Controls - PWP Only

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809343	CONTROLLER, TILT/LEVEL	1	08	809353	HOSE, -4 A6/DS6 52"	1
02	809344	CONTROLLER, LIFT/EXTEND	1	09	808126	MANIFOLD, JOYSTICK RELIEF	1
03	808443	ADAP, -6ORM -6JICM STR AR		10	808127	MANIFOLD, PWP JOYSTICK	1
04	808464	ADAP, -6 SWIVEL RUN TEE AR		11	809353	HOSE, -4 A6/DS6 52"	1
05	809353	HOSE, -4 A6/DS6 52"	1			(to hydraulic tank)	
06	809351	HOSE, -4 A6/D6 60"	1	12	808715	HOSE, -4 A6/DS6 15"	1
07	808882	HOSE, -4 A6/DS6 17"	1				

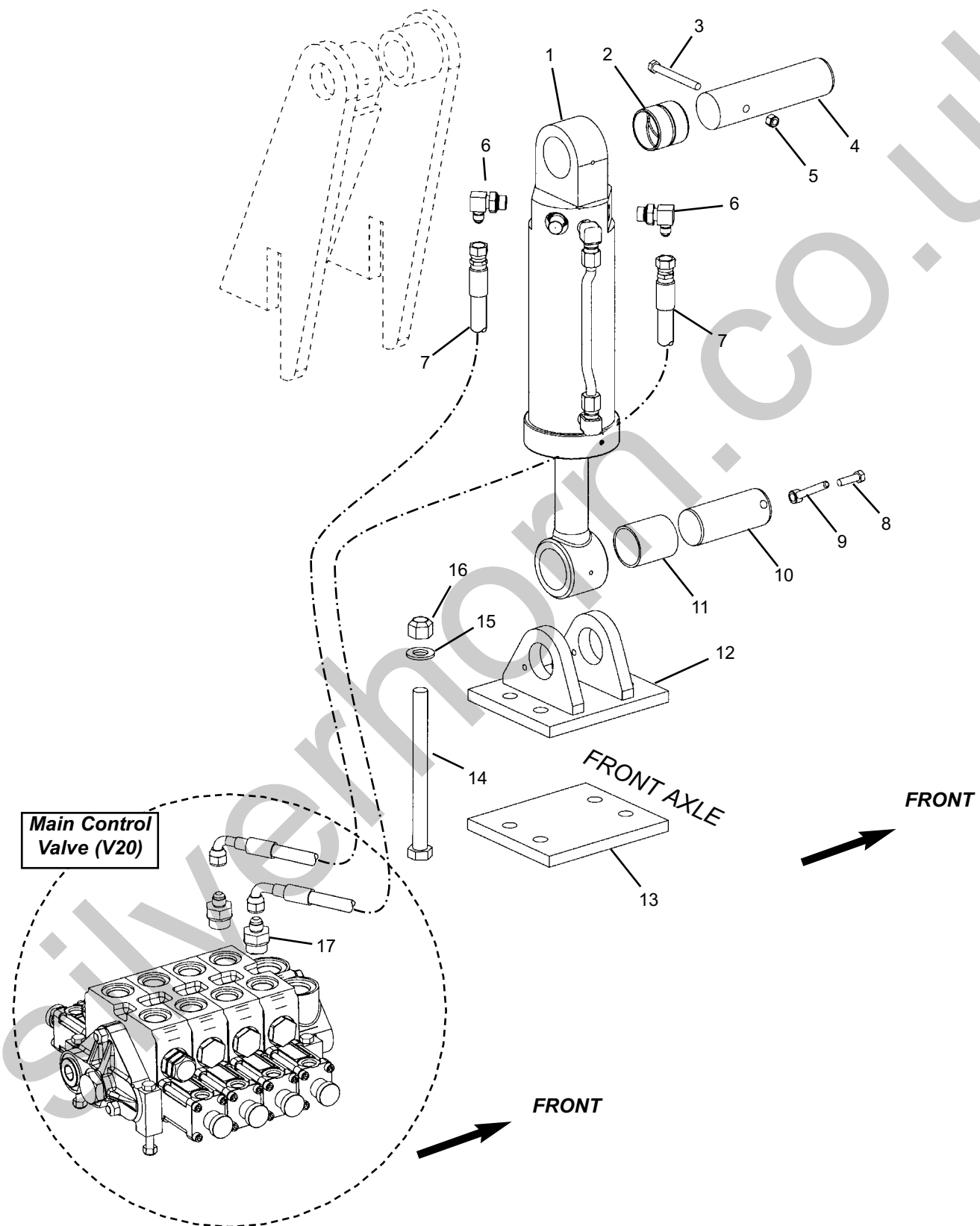
Hydraulic Controls - PWP and Aux. Hydraulic Option



Hydraulic Controls - PWP and Aux. Hydraulic Option

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809343	CONTROLLER, TILT/LEVEL	1	10	808882	HOSE, -4 A6/DS6 17"	1
02	809344	CONTROLLER, LIFT/EXTEND	1	11	809353	HOSE, -4 A6/DS6 52"	1
03	808443	ADAP, -6ORM -6JICM STR	AR	12	809351	HOSE, -4 A6/A6 60"	1
04	808464	ADAP, -6 SWIVEL RUN TEE	AR	13	808126	MANIFOLD, JOYSTICK RELIEF	1
05	808679	ADAP, -6JICM -6JICFS 90 DEG	AR	14	808127	MANIFOLD, PWP JOYSTICK	1
06	808455	ADAP, -6ORM -6JICM 90 DEG	AR	15	808715	HOSE, -4 A6/A6 15"	1
07	808853	HOSE, -4 A6/DS6 20"	1	16	809344	CONTROLLER, AUX. HYD.	1
08	809353	HOSE, -4 A6/DS6 52"	1	17	809353	HOSE, -4 A6/DS6 52"	1
09	808853	HOSE, -4 A6/DS6 20"	1			(to hydraulic tank)	

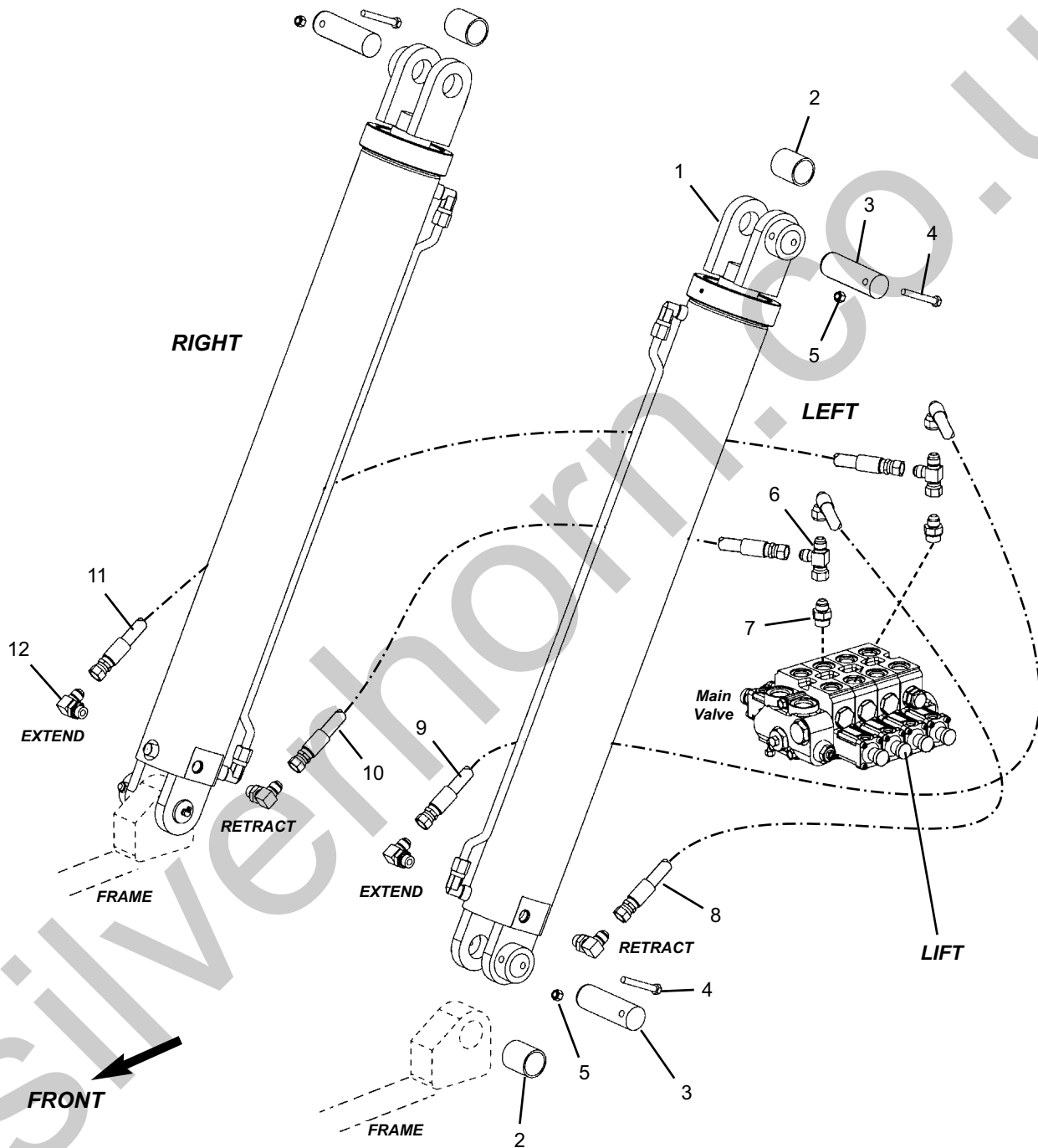
Frame Level Group



Frame Level Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809513	LEVEL CYLINDER	1	10	808856	PIVOT PIN (ROD END).....	1
02	808756	BRONZE BEARING	1	11	808708	BRONZE BEARING	1
03	808611	3/8"-16X3-1/2" BOLT	1	12	809612	FRAME LEVEL MOUNT	1
04	808712	PIN, CYLINDER (BASE END)....	1	13	809611	PLATE, FRAME LEVEL.....	1
05	808663	3/8"-16 NYLON INSERT NUT.....	1	14	808634	3/4"-10X9" GR8 BOLT.....	4
06	809598	ADAP, W/ORIFICE -8ORM -6JICM.	2	15	809481	3/4" FLAT WASHER	4
07	809602	HOSE, -4 A6/DS6 136"	2	16	808583	3/4"-10 STOVER NUT	4
08	808621	3/8"-16X1-1/4' BOLT	1	17	809497	ADAP, -10ORM -6JICM.....	2
09	808855	LOCK, PIVOT PIN.....	1				

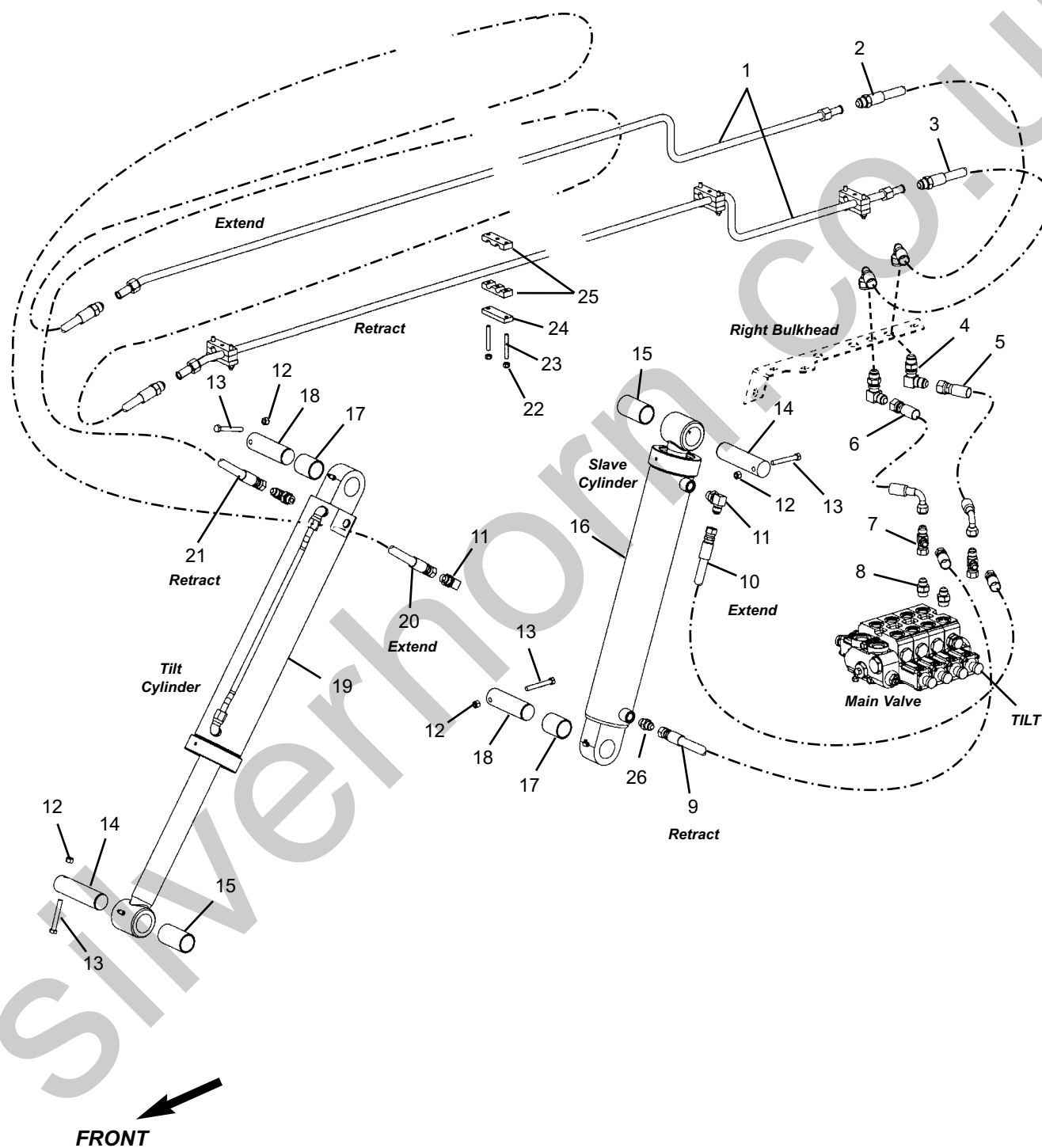
Lift Cylinder Group



Lift Cylinder Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809526	LIFT CYLINDER	2	07	808448	ADAP -10ORM -8JICM STR.	2
02	809514	BRONZE BUSHING	4	08	808851	HOSE, -6 A8/DS8 54"	1
03	809533	PIN, LIFT CYLINDER	4	09	809601	HOSE, -6 A8/DS8 48"	1
04	808609	3/8"-16X2-3/4" BOLT	4	10	809541	HOSE, -6 A8/A8 48"	1
05	808663	3/8"-16 NYLON INSERT NUT	4	11	809541	HOSE, -6 A8/A8 48"	1
06	809391	ADAP -8JICFS -8JICM RUN TEE	2	12	808454	ADAP -8ORM -8JICM 90 DEG	4

Tilt / Slave Cylinder Group



Tilt / Slave Cylinder Group

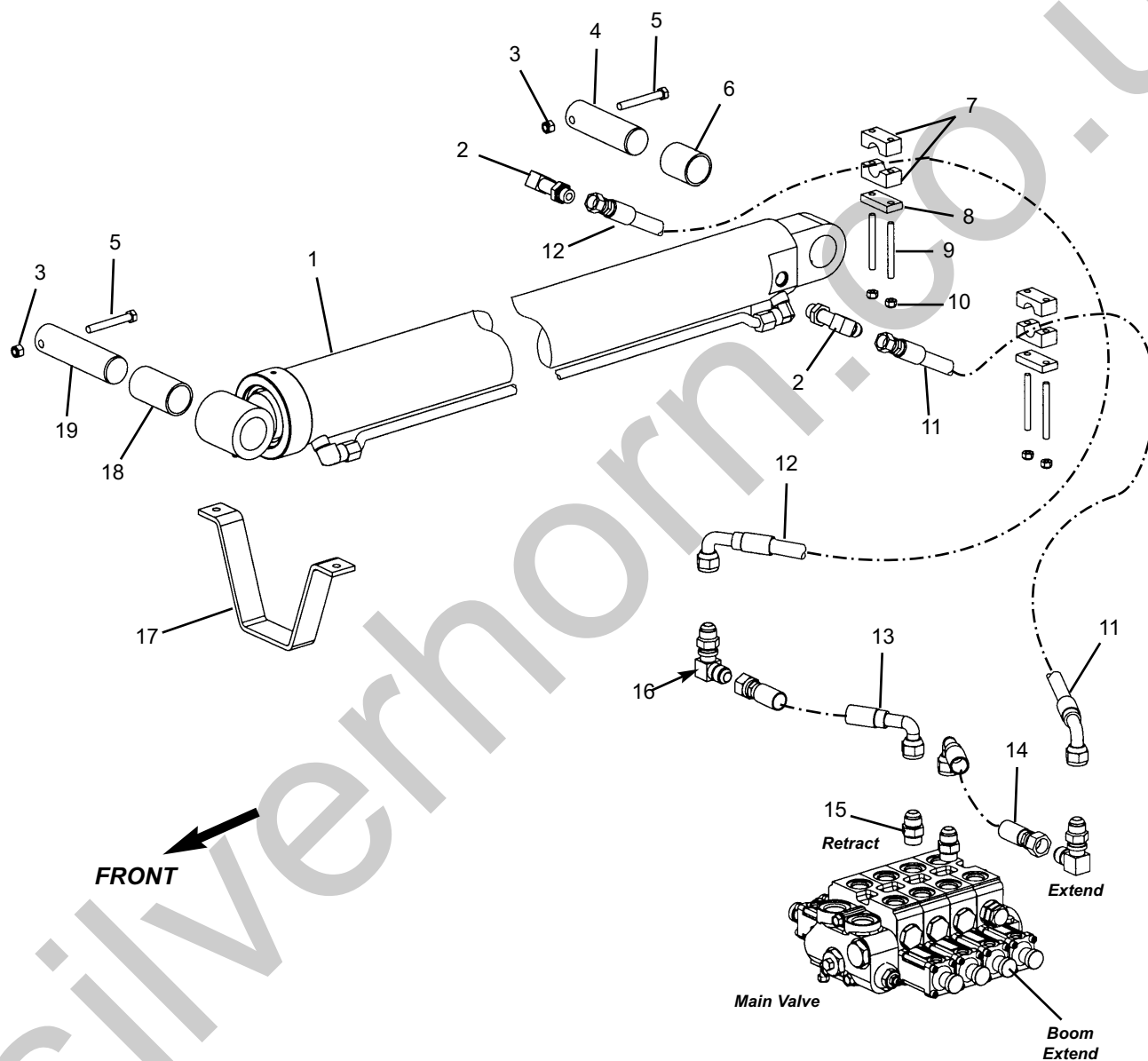
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809576	TUBE, TILT/AUX	2	19	809511	CYLINDER, TILT	1
02	809573	HOSE, -8 H10/DS10 54"	1	20 ^a	809580	HOSE, -6 A8/H10 322"	1
03	809573	HOSE, -8 H10/DS10 54"	1	21 ^a	809580	HOSE, -6 A8/H10 322"	1
04	808441	ADAP, -10JICM BLKHEAD 90DEG . 2		22	808662	5/16"-18 NYLON INSERT NUT	8
05	809605	HOSE, -8 A10/DS8 17"	1	23	809493	5/16"-18X2-1/4" STUD.	8
06	809606	HOSE, -8 A10/DS8 14"	1	24	808727	PLATE, TWIN CUSHION.	8
07	809391	ADAP, -8JICFS -8JICM RUN TEE . 2		25	808832	5/8" DOUBLE TUBE CUSHION . . 16	
08	808448	ADAP, -10ORM -8JICM	2	26	809389	ADAP, -8ORM -8JICM 45 DEG. . . 1	
09	809607	HOSE, -6 A8/A8 26"	1				
10	809541	HOSE -6 A8/A8 48"	1				
11	808454	ADAP, -8ORM -8JICM 90 DEG. . . 3					
12	808663	3/8"-16 NYLON INSERT NUT 4					
13	808609	3/8"-16X2-3/4" BOLT	4				
14	809531	PIN, CYLINDER (ROD END) 2					
15	808709	BUSHING (ROD END)	2				
16	809512	CYLINDER, SLAVE	1				
17	809514	BUSHING (BASE END).	2				
18	809532	PIN, CYLINDER (BUTT END). . . . 2					

--- ITEMS NOT SHOWN ---

809483	VINYL CLAMP	2
808602	5/16"-18X1/2" BOLT	2
808662	5/16"-18 NYLON INSERT NUT . . . 2	

^a Used with protective fabric sleeve part number 808582.

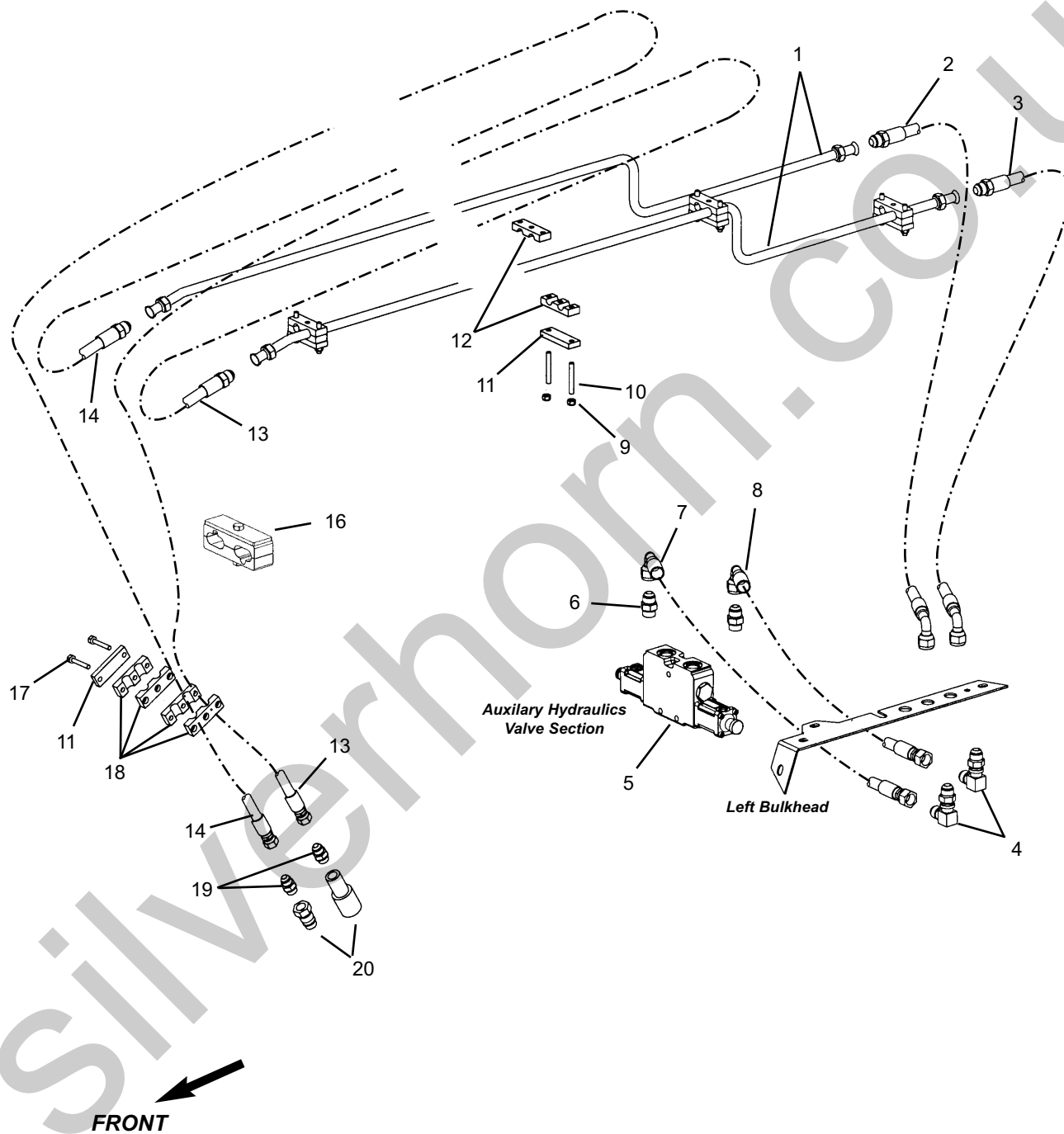
Boom Extend Cylinder Group



Boom Extend Cylinder Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809510	CYLINDER, EXTEND	1	12	809577	HOSE, -8 A8/DS10 73"	1
02	809387	ADAP, -8ORM -8JICM 90 LONG.	2	13	809604	HOSE, -8 A10/DS10 15"	1
03	808663	3/8"-16 NYLON INSERT NUT	2	14	809604	HOSE, -8 A10/DS10 15"	1
04	809532	PIN, CYLINDER (BUTT END).	1	15	808449	ADAP, -10ORM -10JICM	2
05	808609	3/8"-16X2-3/4" BOLT	2	16	808441	ADAP, -10JICM 90 BLKHEAD.	2
06	809514	BUSHING (BUTT END).	1	17	809544	EXTEND CYL. BRACKET.	1
07	809574	7/8" HOSE CUSHION, SINGLE	4		808617	3/8"-16X1" BOLT	2
08	809578	CUSHION TOP PLATE	2		808593	3/8" LOCK WASHER.	2
09	809494	5/-16"-18X3" STUD	4	18	808709	BUSHING (ROD END)	1
10	808662	5/16"-18 NYLON INSERT NUT	4	19	809531	PIN, CYLINDER (ROD END)	1
11	809577	HOSE, -8 A8/DS10 73"	1				

Auxiliary Hydraulics Group



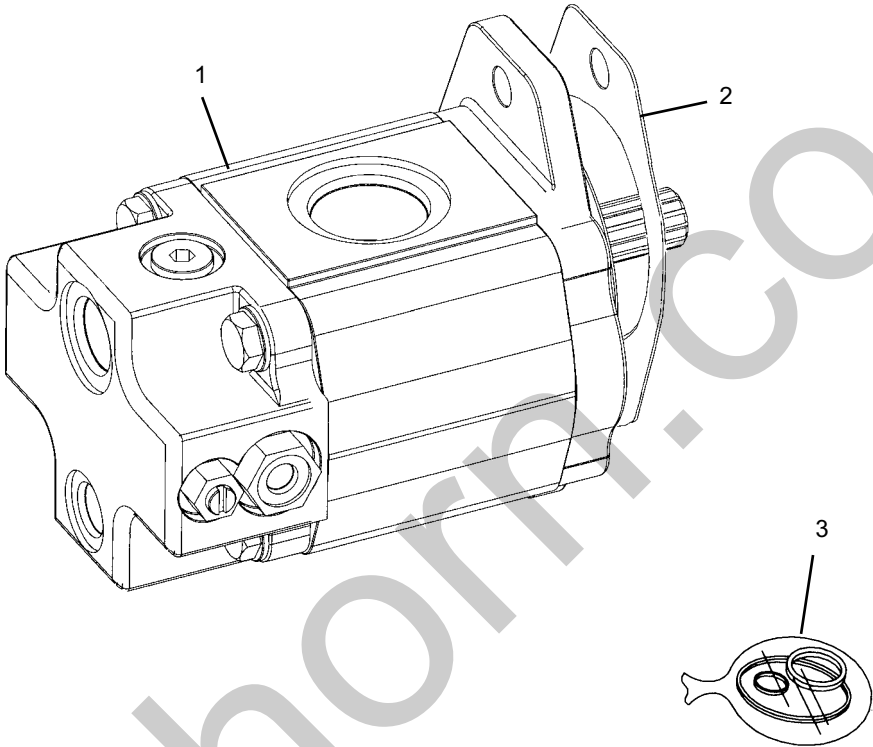
Auxiliary Hydraulics Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809576	TUBE, TILT/AUX	2	15	NA		0
02	809573	HOSE, -8 H10/DS10 54"	1	16	809359	CLAMP ASY.	1
03	809573	HOSE, -8 H10/DS10 54"	1	17	809688	5/16"-18X2-3/4" BOLT	2
04	808441	ADAP, -10JICM BLKHEAD 90DEG. 2			808591	5/16" LOCK WASHER	2
05 ^a	809597	KIT, VALVE SECTION	1	18	808728	11/16" DOUBLE TUBE CUSHION ..	4
06	808448	ADAP, -10ORM -8JICM	2	19	808445	ADAP, -8ORM -8JICM STR.	2
07	809605	HOSE, -8 A10/DS8 17"	1	20	808796	COUPLER SET	1
08	809606	HOSE, -8 A10/DS8 14"	1				
09	808662	5/16"-18 NYLON INSERT NUT ...	10				
10	809493	5/16"-18X2-1/4" STUD.	8				
11	808727	PLATE, TWIN CUSHION.	8				
12	808832	5/8" DOUBLE TUBE CUSHION ..	16				
13 ^b	809581	HOSE, -6 A8/H10 352"	1				
14 ^b	809581	HOSE, -6 A8/H10 352"	1				

a Kit includes a single V20 valve section and tie bolt kit for five section valve.

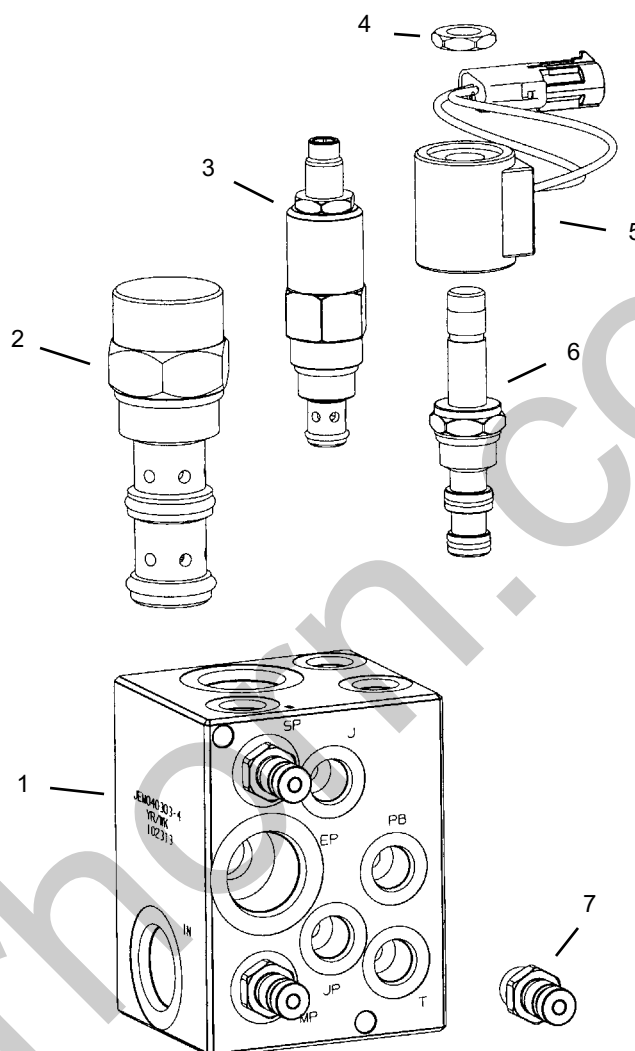
b Used with protective fabric sleeve part number 808582.

Hydraulic Pump



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809330	HYDRAULIC PUMP	1	03	809408	SEAL KIT.....	1
02	809395	GASKET	1			(Items included are not shown)	

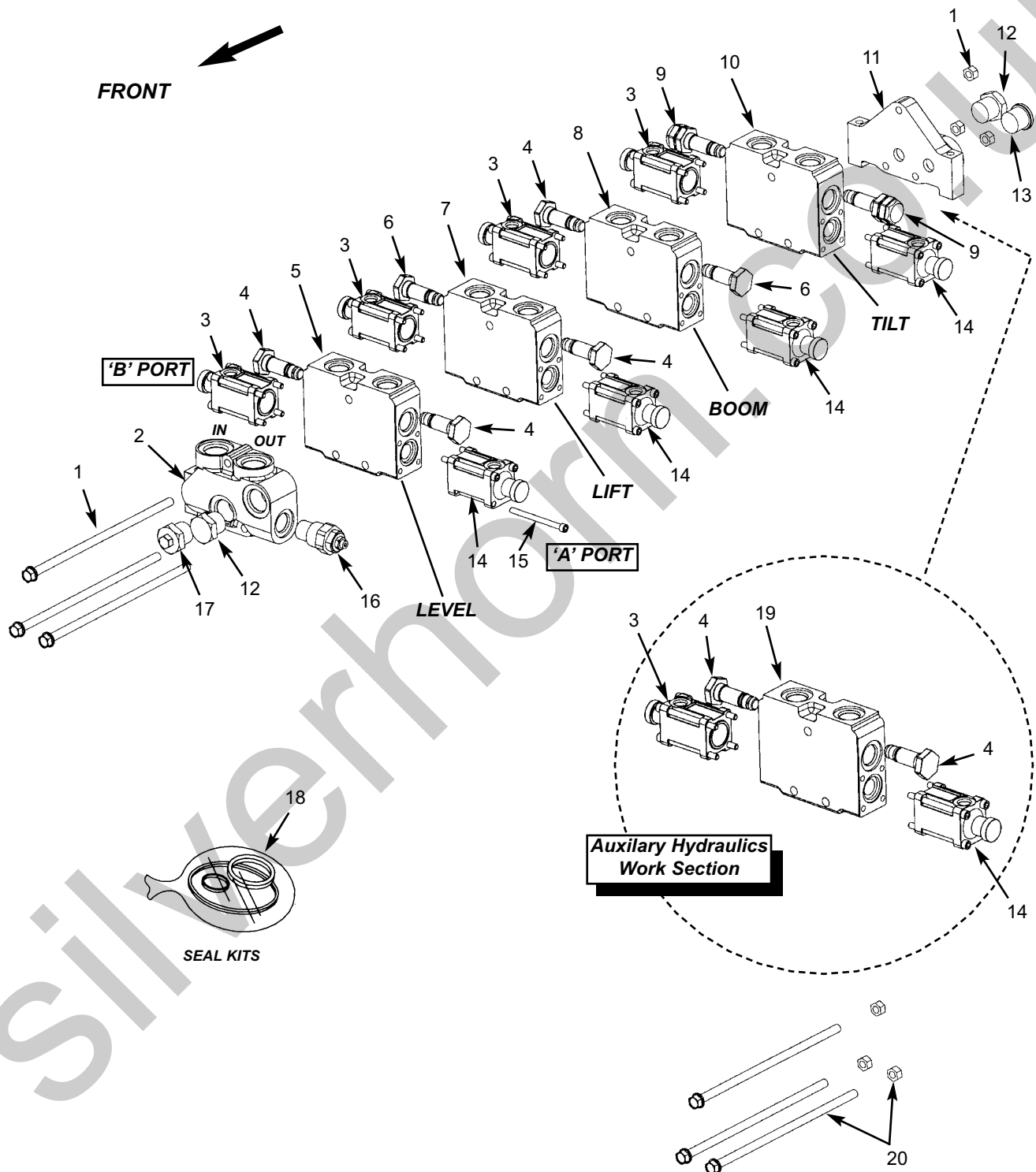
Flow Divider



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	808126	MANIFOLD, FLOW DIVIDER 1 (includes items 1-7)		07	809174	TEST PORT 3	
02	808349	PILOTED SPOOL LOGIC ELEM. ...1			808704	CAP, DUST COVER (not shown) . .3	
03	809157	RELIEF VALVE 1		-- ITEMS NOT SHOWN --			
	809384	SEAL KIT 1		(Mounting Hardware)			
04	NSS	NUT, SOLENOID VALVE 1		00	809689	1/4"-20X3-1/2" BOLT 2	
		(included with item 5)		00	808589	1/4" LOCK WASHER 2	
05	809151	12 VDC WEATHER PACK COIL ...1		00	808588	1/4" FLAT WASHER 2	
		(includes item 4)					
06	809152	SOLENOID VALVE 1					
	809153	SEAL KIT 1					

NOTE: Items included in seal kits are not shown.

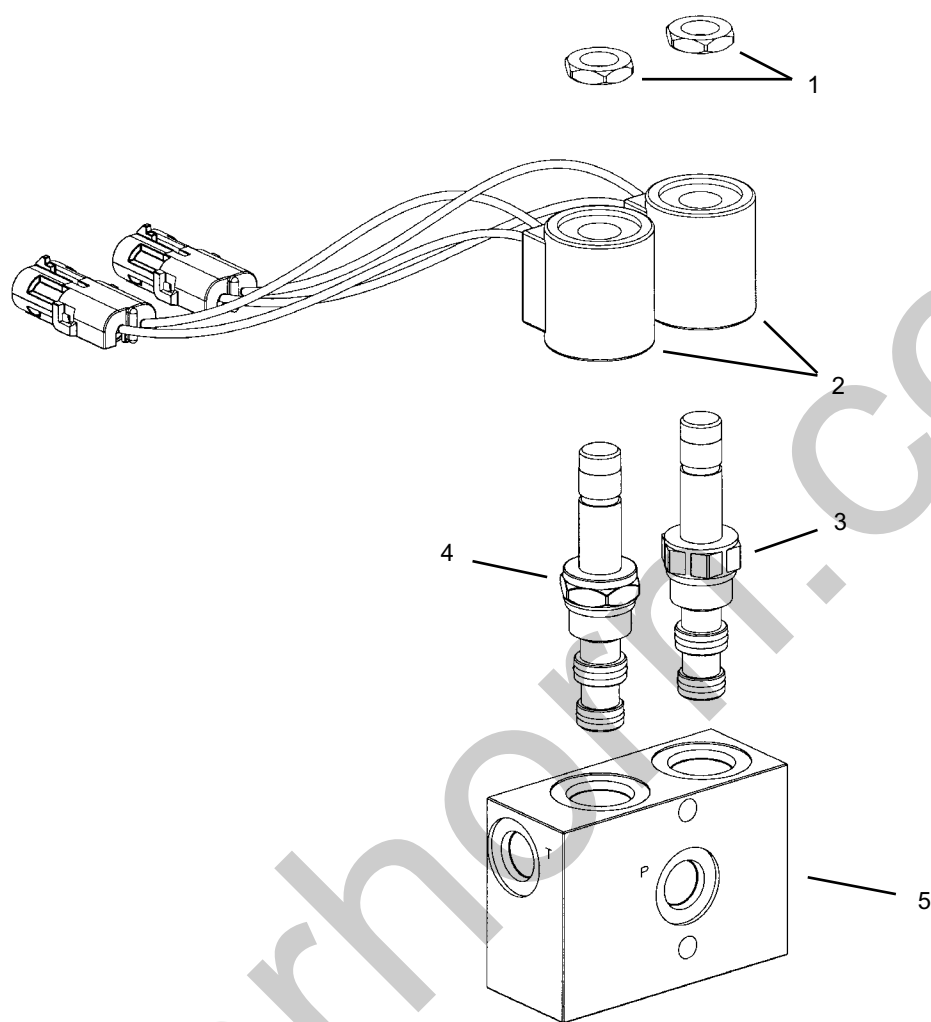
Main Valve



Main Valve

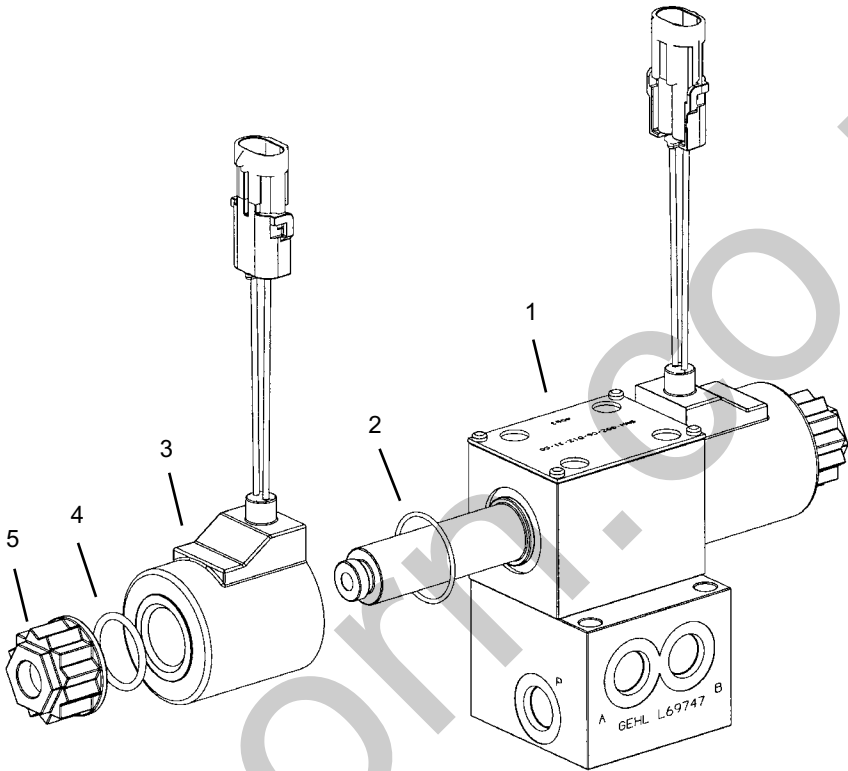
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809590	MAIN VALVE [V20] (<i>Complete</i>)	1	14	809402	HRO ACUATOR "A" END	4
01	809644	STUD KIT (tie bolts and nuts)	1	15	809479	SCREW	32
02	809472	INLET COVER.	1		809690	LOCK WASHER.	32
03	809401	HRO ACUATOR "B" END	4	16	809398	RELIEF CARTRIDGE (RP51-A)	1
04	809400	NO RELIEF-NO ANTI-CAV.PLUG	4		809620	RELIEF SEAL KIT	1
	809399	SEAL KIT	1	17	809476	PLUG WITH TEST PLUG	1
05	809645	WORK SECTION 1 (<i>Level</i>)	1	18		SEAL KITS FOR WORK SECTIONS	
		(<i>includes items 3, 4, 14 & 15</i>)			809397	SECTION SEAL KIT	1ea
06	809470	NO RELIEF - ANTI-CAV PLUG.	1			(<i>used with items 5-7 & 10</i>)	
07	809471	WORK SECTION 2 (<i>Lift</i>)	1		809643	SPOOL SEAL KIT	1ea
		(<i>includes items 3, 4, 6, 14 & 15</i>)				(<i>used with items 3 & 14</i>)	
08	809474	WORK SECTION 3 (<i>Boom Ext.</i>)	1	19	809645	WORK SECTION (<i>Aux. Hyd.</i>)	1
		(<i>includes items 3, 4, 6, 14 & 15</i>)		20	809478	STUD ASSEMBLY KIT (<i>Aux. Hyd.</i>) . .	1
09	809646	RELIEF CARTRIDGE	2			(<i>used with item 20</i>)	
	809647	SERVICE KIT (<i>less seals</i>)	2				
	809648	SEAL KIT	2				
10	809649	WORK SECTION 4 (<i>Tilt</i>)	1	00	809597	-- ITEMS NOT SHOWN --	
		(<i>includes items 3, 9, 14 & 15</i>)				KIT, VALVE SECTION (AUX.)	1
11	809473	OUTLET COVER.	1			(<i>includes all items shown on facing</i>	
12	809475	PLUG SAE-12				page in the "Auxiliary Hydraulics	
13	809477	PLUG SAE 12 (SOCKET HEAD)	1			Work Section" group and item 20)	

PWP Valve



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	808127	MANIFOLD, PWP JOYSTICK	1	04	809152	SOLENOID VALVE	1
		(Complete assembly)			809153	SEAL KIT	1
01	NSS	NUT, SOLENOID VALVE	2			(Items included are not shown)	
		(included with item 3 and 4)					
02	809151	12 VDC WEATHER PACK COIL	2	05	NSS	MANIFOLD	1
03	809683	SOLENOID VALVE	1				
	809153	SEAL KIT	1				
		(Items included are not shown)					

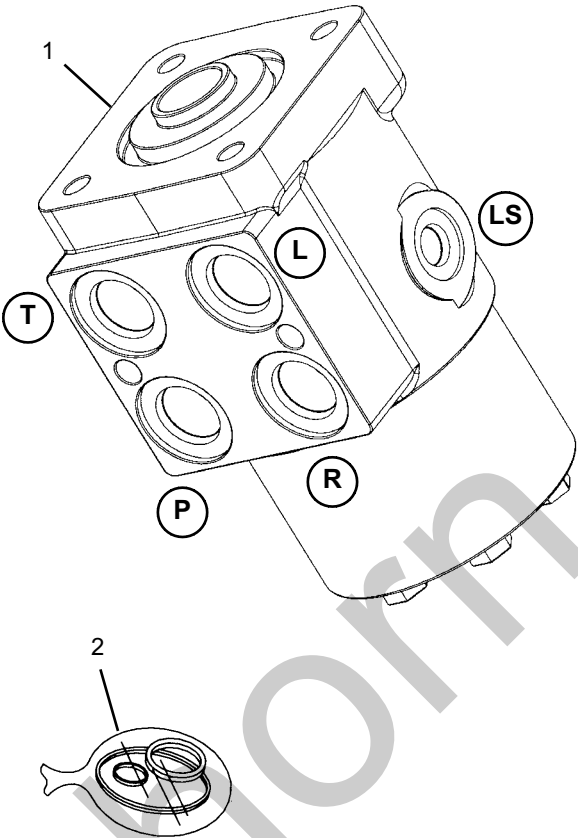
Steer Valve



Ref. No.	Part No.	Description	Qty. Req.
01	808877	STEER SELECT VALVE	1
		(Includes all items shown)	
02	808398	ORING	2
03	808393	COIL 12VDC W/CONNECTOR	2
		(Includes item 5; nut)	
04	808397	ORING	2

Ref. No.	Part No.	Description	Qty. Req.
05	NSS	NUT	2
		(Included with item 3)	
-- ITEMS NOT SHOWN --			
00	809594	WIRE HARNESS	2
		(connects wire leads to frame wiring)	

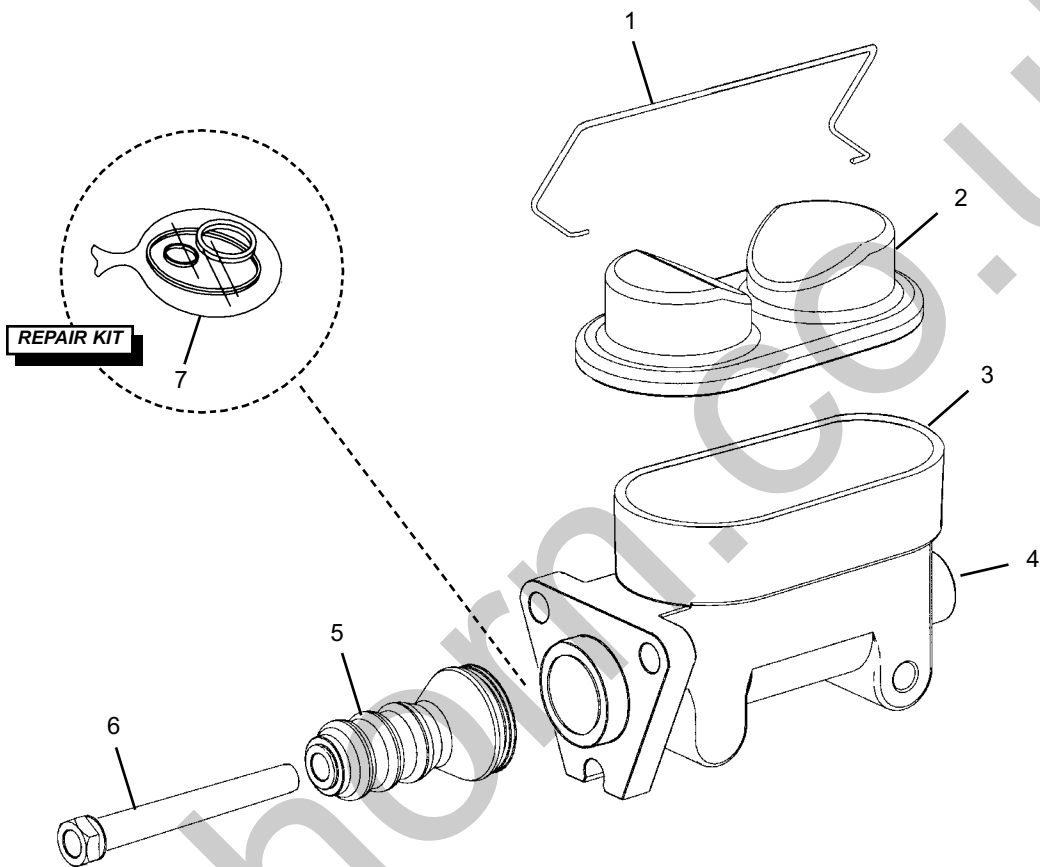
Steer Motor



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809292	STEERING CONTROL UNIT	1	02	809480	SEAL KIT	1
						(Items included are not shown)	

NOTE: Field service is limited to seals replacement.

Brake Valve

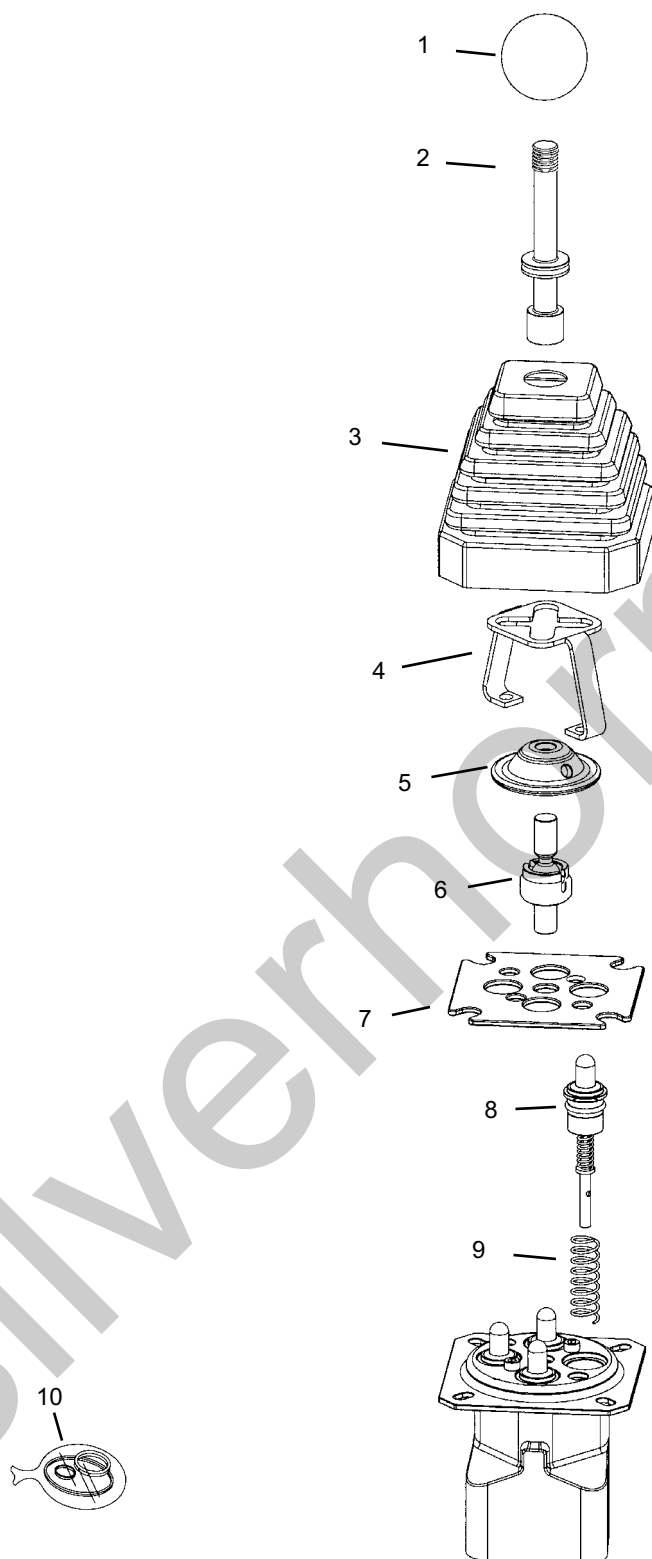


Ref. No.	Part No.	Description	Qty. Req.
00	808714	BRAKE VALVE ASY. (Complete).... (Unit requires two brake valves)	
01	809063	BAIL WIRE.....	1
02	809638	COVER	1
	809064	DIAPHRAM GASKET.....	1
03	NSS	BODY	
04	NSS	TUBE SEAT (not shown).....	1
05	809065	RUBBER BOOT	1

Ref. No.	Part No.	Description	Qty. Req.
06	NSS	PUSH ROD	1
07 ^a	809066	REPAIR KIT..... (Items included are not shown)	1

a Repair kit includes seals, cups, return spring, second arm piston, and snap ring. Piston is not included or sold seperately.

Controller - Tilt / Frame Level

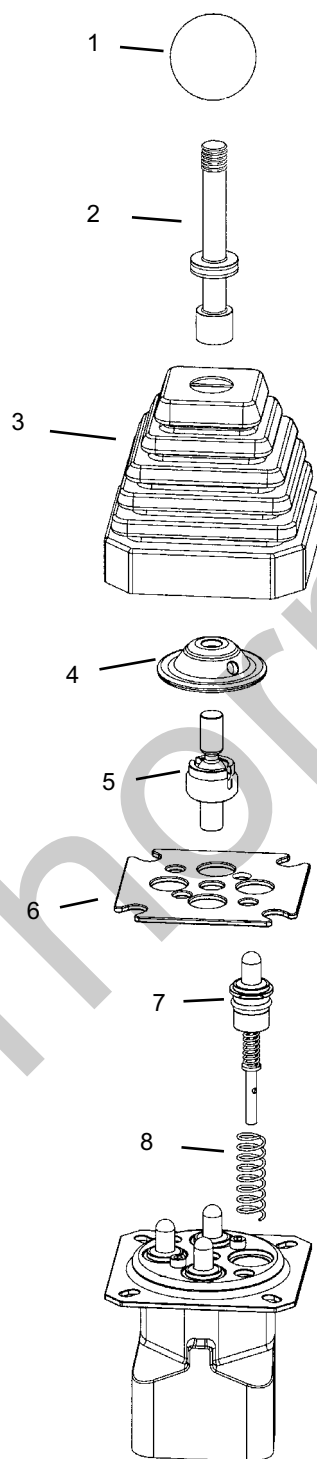


Controller - Tilt / Frame Level

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809343	HYD. CONTROLLER <i>(Complete)</i>	1	08	809375	METERING CURVE <i>(as shown)</i>	4
01	808406	KNOB.....	1	09	809376	RETURN SPRING.....	4
02	808399	LEVER ROD <i>(as shown)</i>	1	10 ^a	808404	SEAL KIT.....	1
03	808400	BOOT.....	1				
04	809311	LOCK GATE	1				
05	808401	SELECTOR DISC	1				
06	808402	PIVOT/ BALL JOINT	1				
07	808403	PLATE / BOOT MOUNT	1				

a Items included in seal kit are not shown.

Controller - Lift / Extend

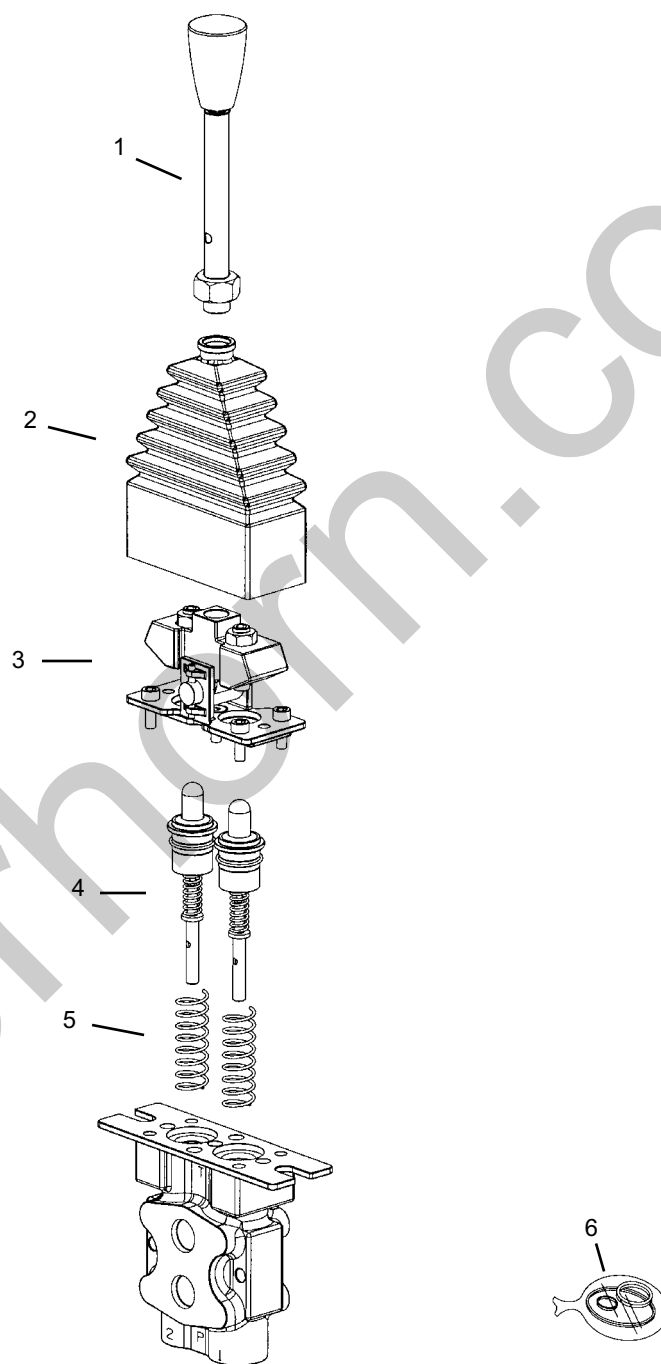


Controller - Lift / Extend

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809344	HYD. CONTROLLER <i>(Complete)</i>	1	07	809375	METERING CURVE <i>(as shown)</i>	4
01	808406	KNOB.....	1	08	809376	RETURN SPRING.....	4
02	808399	LEVER ROD <i>(as shown)</i>	1	09 ^a	808404	SEAL KIT.....	1
03	808400	BOOT.....	1				
04	808401	SELECTOR DISC	1				
05	808402	PIVOT/ BALL JOINT	1				
06	808403	PLATE /BOOT MOUNT.....	1				

a Items included in seal kit are not shown.

Controller - Auxiliary Hydraulics (Option)

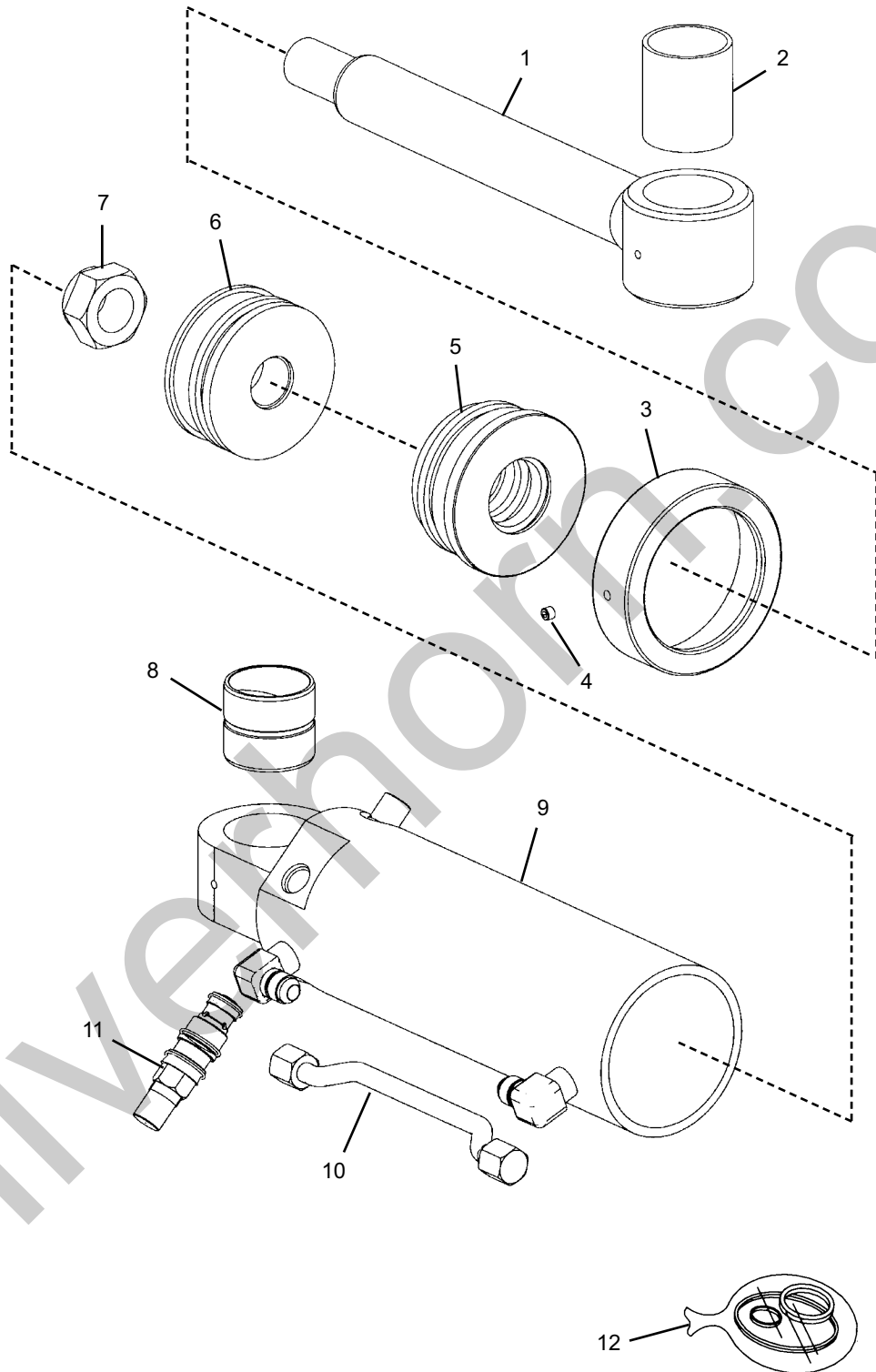


Controller - Auxiliary Hydraulics (Option)

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809344	COMPLETE VALVE ASY.	1	05	809376	RETURN SPRING.....	2
01	808384	LEVER ROD <i>(as shown)</i>	1	06 ^a	808390	SEAL KIT.....	1
02	809326	BOOT <i>(included with item #3)</i>	1				
03	808385	CONTROL KIT.....	1				
		<i>(includes item #2 Boot)</i>					
04	809375	METERING CURVE <i>(as shown)</i> ...	2				

a Items included in seal kit are not shown.

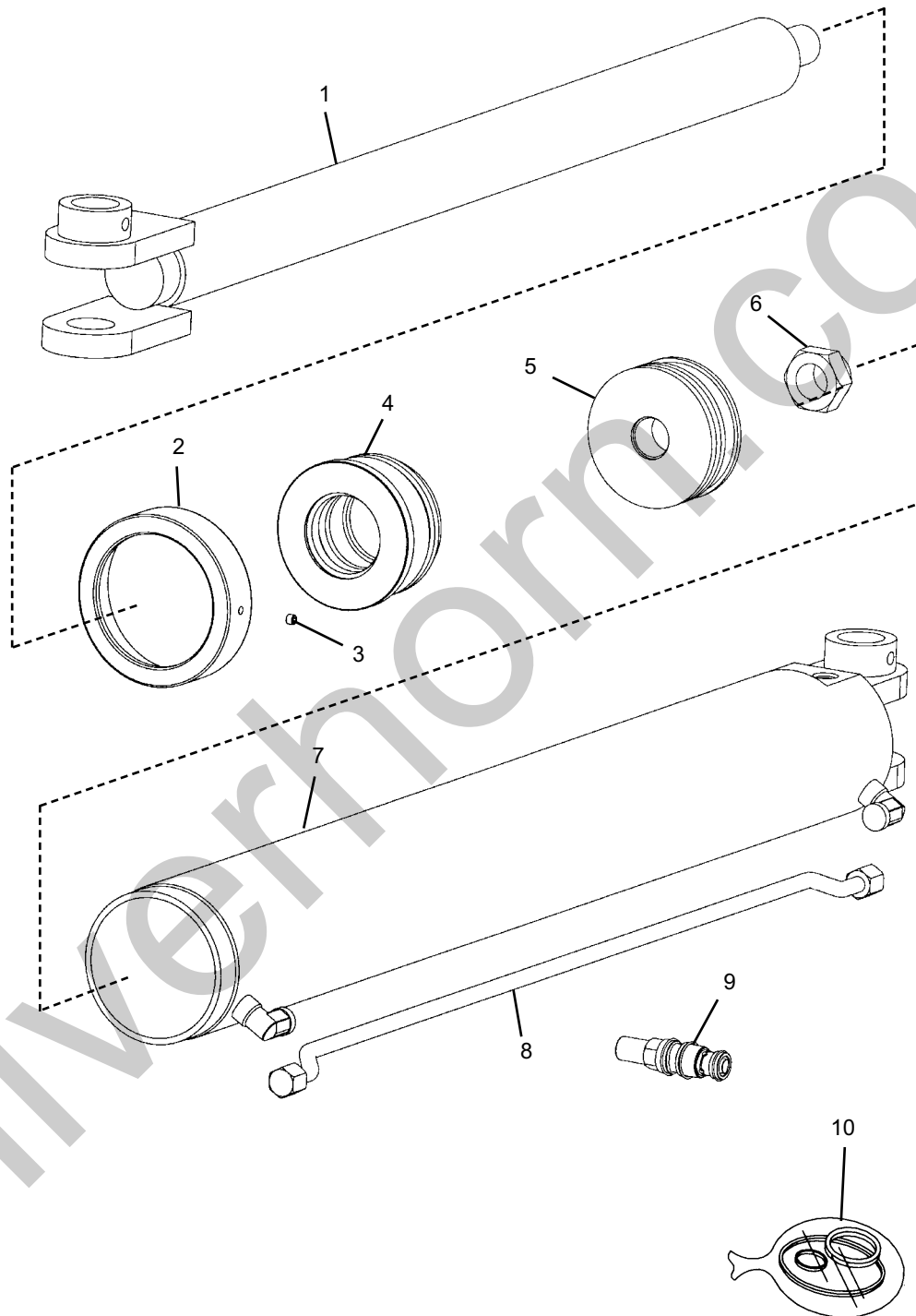
Frame Level Cylinder



Frame Level Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809513	FRAME LEVEL CYL. (Complete) . .	1	07	809128	1-1/4"-12 UNF LOCKNUT	1
01	809059	ROD	1	08	808756	BUSHING 2.0X2.25X2.0"	1
02	808708	BUSHING	1	09	NSS	TUBE WELDMENT	1
03	809067	HEAD GLAND CAP	1	10	809062	OIL LINE TUBE ASSEMBLY	1
04	809136	5/16"-18x1/4" SET SCREW	1	11	809618	COUNTER BALANCE VALVE	2
05	809061	HEAD GLAND	1		808965	SEAL KIT (CBV)	1
06	809068	PISTON	1	12	809060	CYLINDER SEAL KIT	1
						(Items included are not shown)	

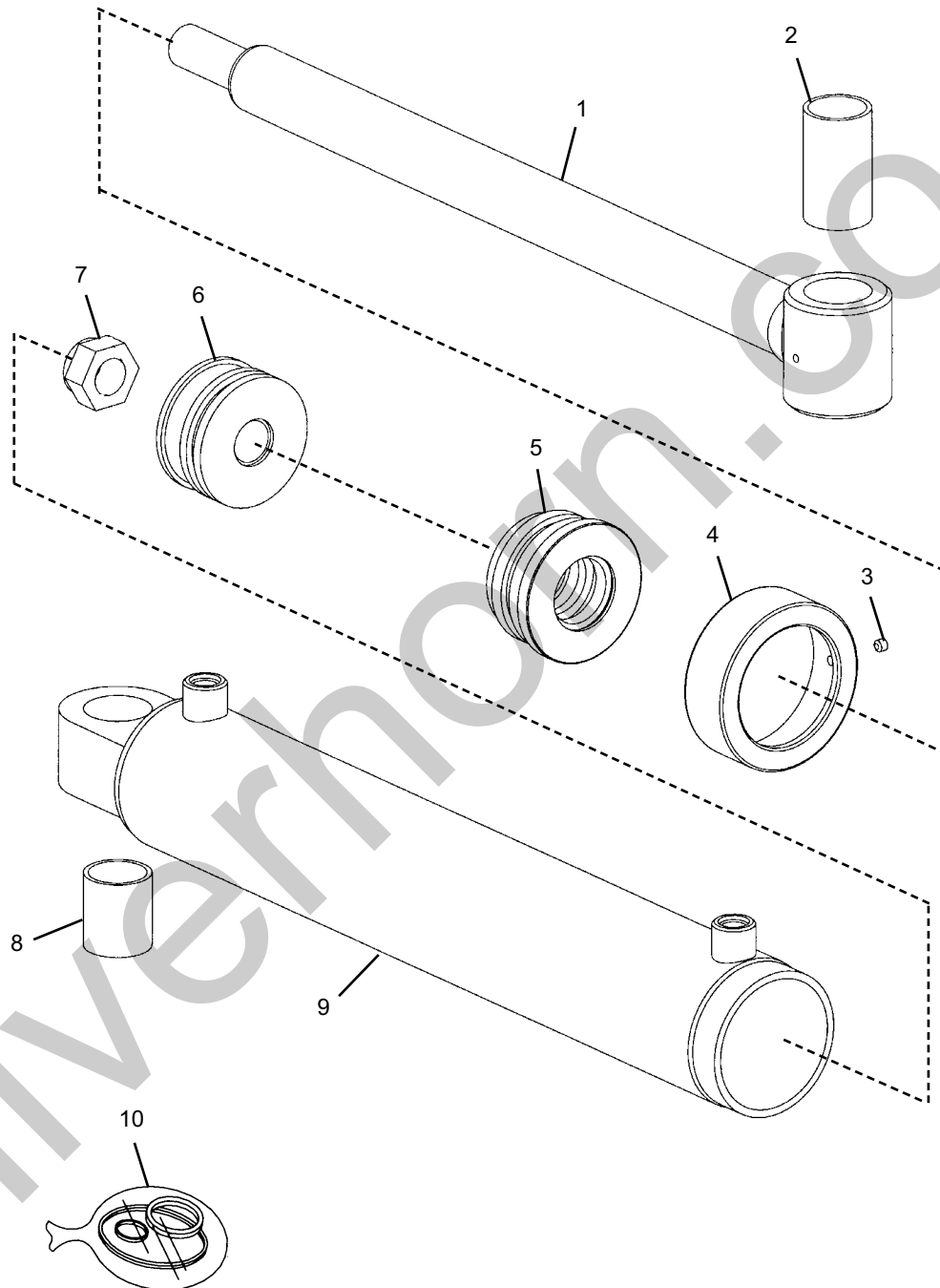
Lift Cylinder



Lift Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809526	LIFT CYLINDER <i>(Complete)</i>	2	06	809128	1-1/4"-12 UNF LOCKNUT	1
		Note: Quantities shown are for one cylinder.					
01	809628	ROD WELDMENT	1	07	NSS	TUBE WELDMENT	1
02	809630	HEAD GLAND CAP	1	08	809629	OIL LINE TUBE ASSEMBLY	1
03	809136	5/16"-18X1/4" SET SCREW	1			<i>(includes nuts and ferrules)</i>	
04	809632	HEAD GLAND	1	09	809549	COUNTER BALANCE VALVE	1
05	809633	PISTON	1		808965	SEAL KIT (CBV)	1
				10	809631	CYLINDER SEAL KIT	1
						<i>(Items included are not shown)</i>	

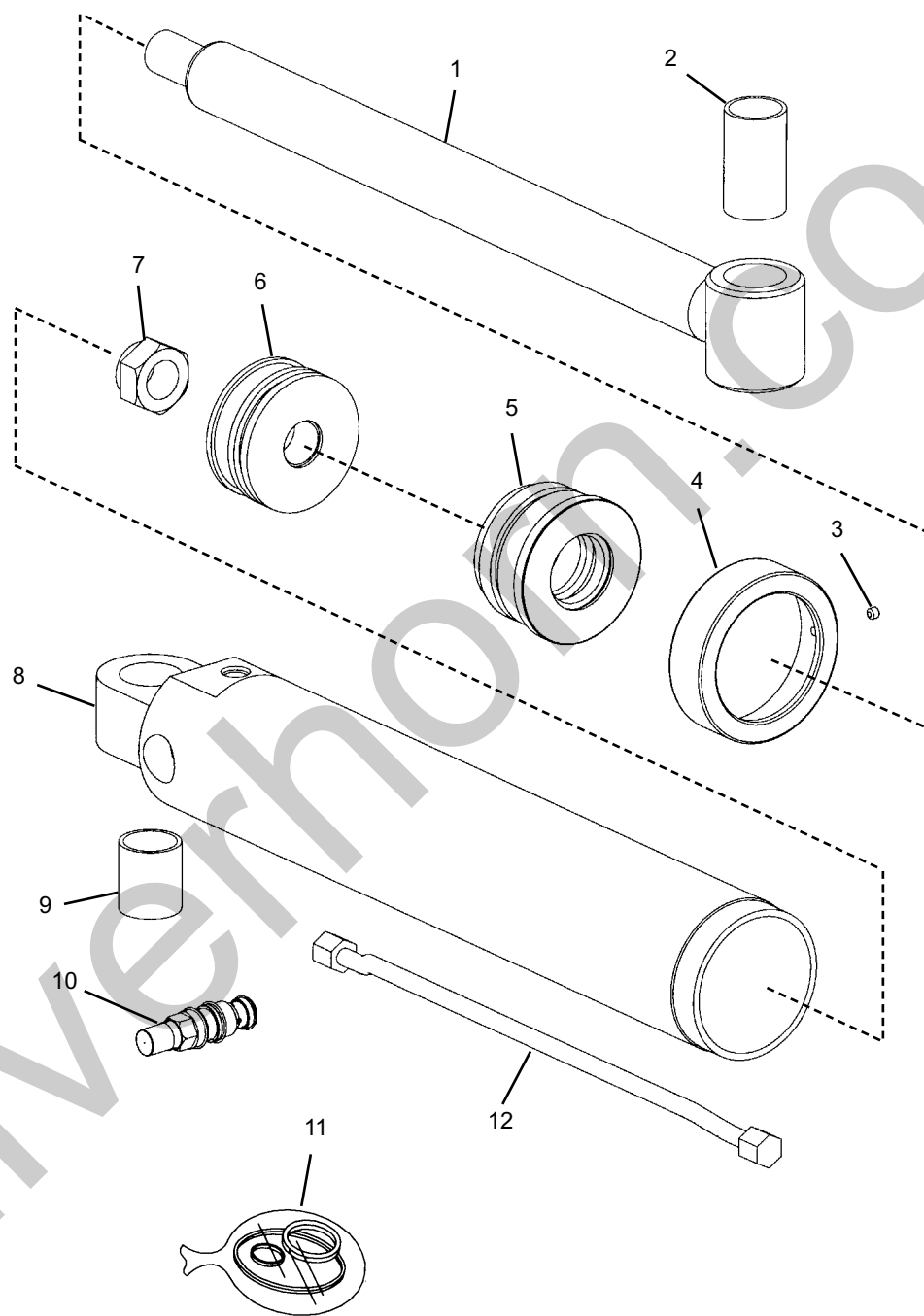
Slave Cylinder



Slave Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809512	SLAVE CYLINDER <i>(Complete)</i>	1	06	809637	PISTON	1
01	809634	ROD WELDMENT	1	07	809466	1-1/8"-12 UN LOCKNUT	1
02	808709	BUSHING	1	08	809514	BUSHING	1
03	809136	5/16"-18X1/4" SET SCREW	1	09	NSS	TUBE WELDMENT	1
04	809625	HEAD GLAND CAP	1	10	809635	CYLINDER SEAL KIT	1
05	809636	HEAD GLAND	1			<i>(Items included are not shown)</i>	

Tilt Cylinder



Tilt Cylinder

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809511	TILT CYLINDER <i>(Complete)</i>	1	08	NSS	TUBE WELDMENT	1
01	809639	ROD WELDMENT	1	09	809514	BUSHING	1
02	808709	BUSHING	1	10	809618	COUNTER BALANCE VALVE	1
03	809136	5/16"-18X1/4" SET SCREW	1		808965	SEAL KIT (CBV)	
04	809067	HEAD GLAND CAP	1	11	809640	CYLINDER SEAL KIT	1
05	809139	HEAD GLAND	1			<i>(Items included are not shown)</i>	
06	809068	PISTON	1	12	809641	HYDRAULIC LINE ASSY.	1
07	809128	1-1/4"-12 UN LOCKNUT	1				

This exploded view diagram illustrates the assembly of a Silver Norm CO2 inflator. The components are numbered as follows:

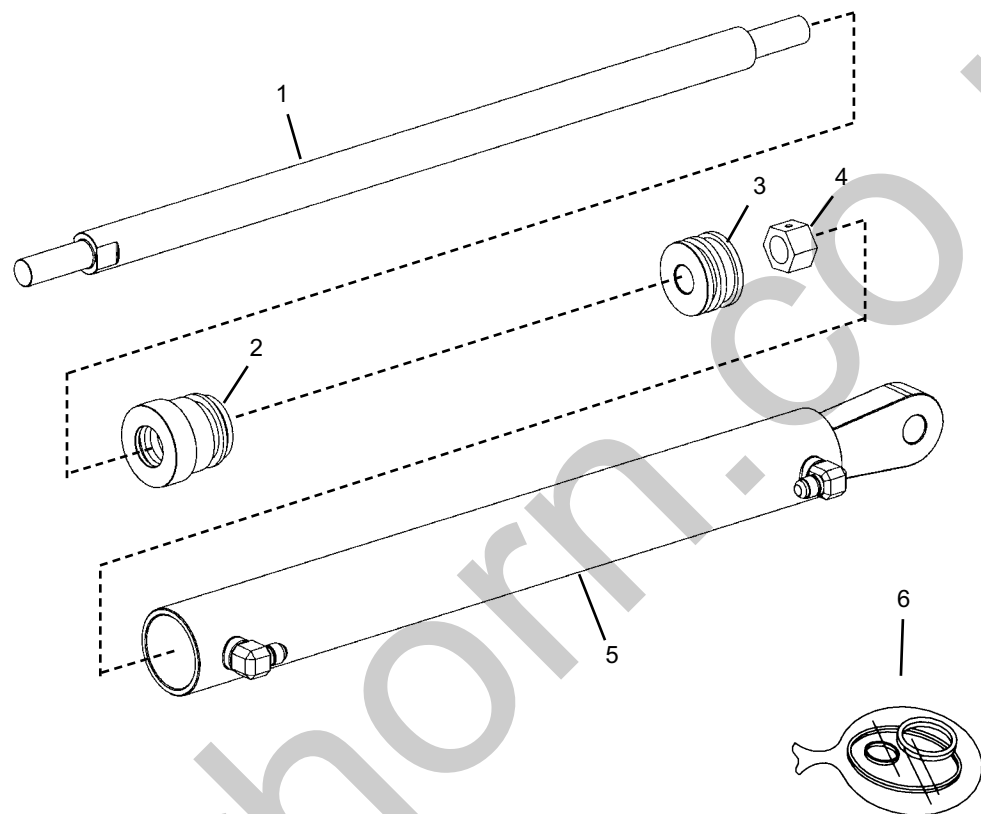
- 1**: Main cylindrical body of the inflator.
- 2**: Small cylindrical cap or plug.
- 3**: Small O-ring or seal.
- 4**: Flange or mounting bracket.
- 5**: Threaded adapter or connector.
- 6**: Large O-ring or seal.
- 7**: Small hex nut or washer.
- 8**: Small cylindrical cap or plug.
- 9**: Mounting bracket or handle attachment.
- 10**: Small threaded pin or screw.
- 11**: Long thin rod or pin.
- 12**: Circular base or foot with internal components.

The diagram shows the relative positions of these parts, with dashed lines indicating the assembly path. A large, faint watermark 'Silver Norm CO2 .uk' is visible across the image.

Boom Extend Cylinder

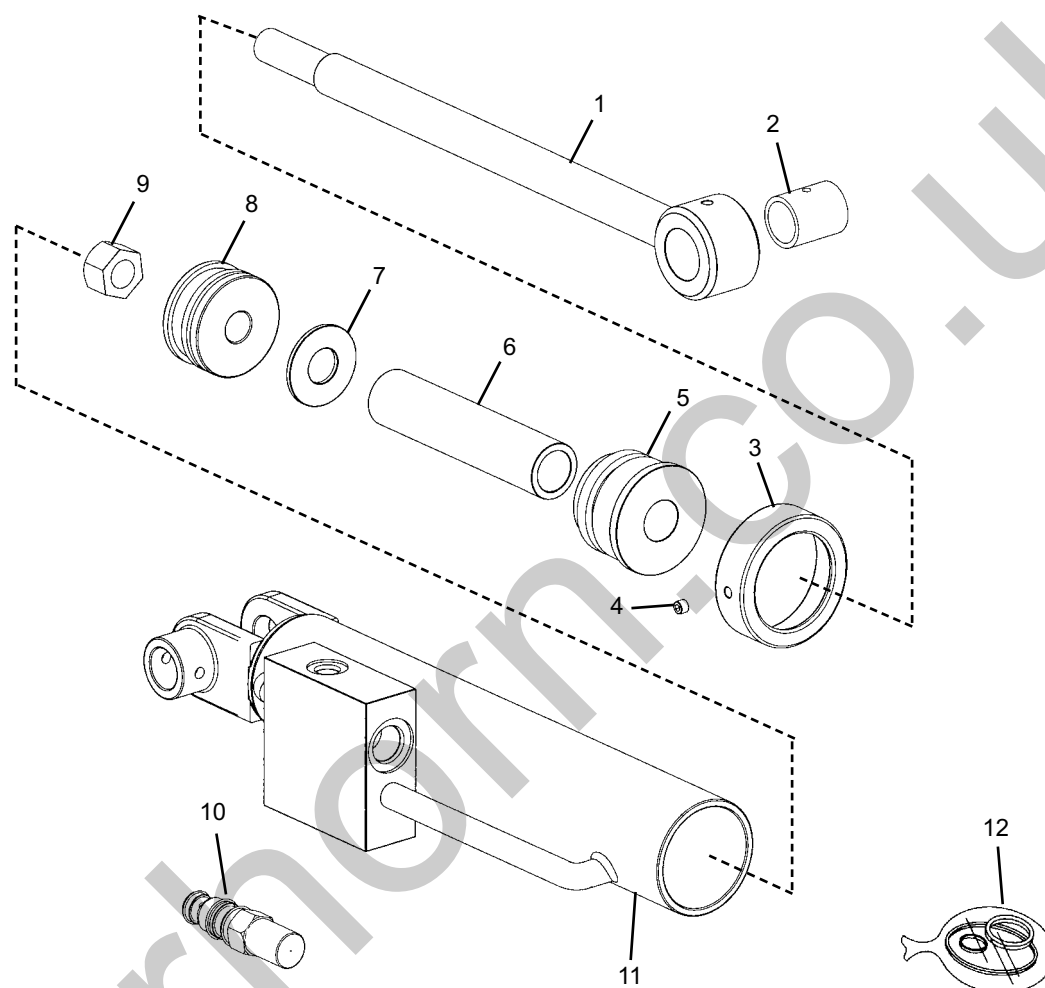
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809510	EXTEND CYLINDER <i>(Complete)</i> . . .	1	07	809466	1-1/8"-12 UN LOCKNUT	1
				08	809514	BUSHING	1
01	809624	ROD WELDMENT	1	09	NSS	TUBE WELDMENT	1
02	808709	BUSHING	1	10	808476	COUNTER BALANCE VALVE	1
03	809136	5/16"-18X1/4" SET SCREW	1		808955	SEAL KIT (CBV)	
04	809625	HEAD GLAND CAP	1	11	809627	HYDRAULIC LINE ASSY.	1
05	809682	HEAD GLAND	1	12	809642	CYLINDER SEAL KIT	1
06	809626	PISTON	1			<i>(Items included are not shown)</i>	

Fork Shift Cylinder



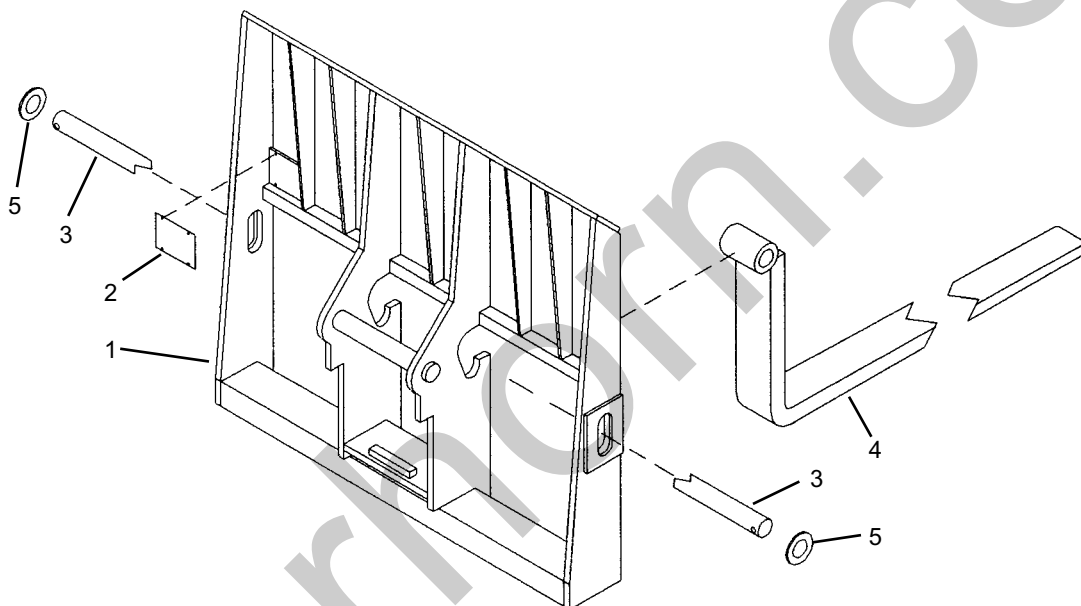
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	808834	COMPLETE ASSEMBLY		04	809407	3/4"-16 UNF LOCKNUT.....	1
01	808581	ROD WELDMENT.....	1	05	NSS	TUBE WELDMENT.....	1
02	808580	HEAD GLAND.....	1	06	808506	SEAL KIT.....	1
03	808579	PISTON.....	1			(Items included are not shown)	

Rotate Carriage Cylinder



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
00	809543	ROTATE CYLINDER (Complete) ..	1	07	809666	SUPPORT WASHER.....	1
01	809661	ROD WELDMENT.....	1	06	809650	PISTON.....	1
02	808720	BUSHING.....	1	09	809407	3/4"-16 UN LOCKNUT.....	1
03	809662	HEAD GLAND CAP.....	1	10	809549	COUNTER BALANCE VALVE.....	1
04	809136	5/16"-18X1/4" SET SCREW.....	1		808965	SEAL KIT (CBV)	
05	809664	HEAD GLAND.....	1	11	NSS	TUBE WELDMENT.....	1
06	809665	SPACER, ROD.....	1	12	809663	CYLINDER SEAL KIT.....	1
						(Items included are not shown)	

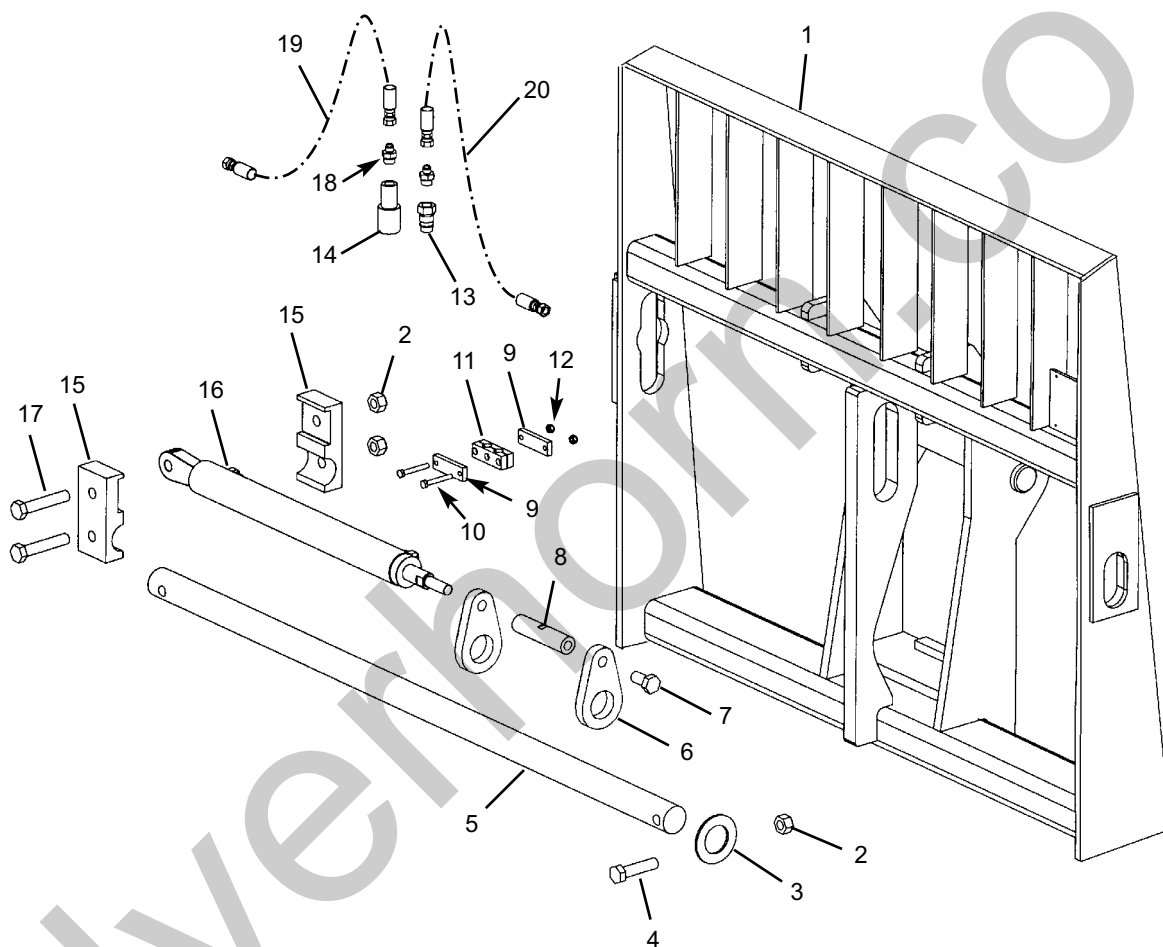
Standard Carriage Attachment Group



Standard Carriage Attachment Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809667	STD. CARR. WELD. 48"	1				
	809668	STD. CARR. WELD. 66"	1				
02	NSS	CAPACITY PLATE.	1				
03	809691	FORK SHAFT BAR 50-1/2 O.A.L. . .	1				
	809692	FORK SHAFT BAR 68-1/2 O.A.L. . .	1				
05	808431	RETAINER.	2				
	808609	CAPSCREW 3/8-16X2-3/4	2				
	808663	NYLON INSERT NUT 3/8-16	2				

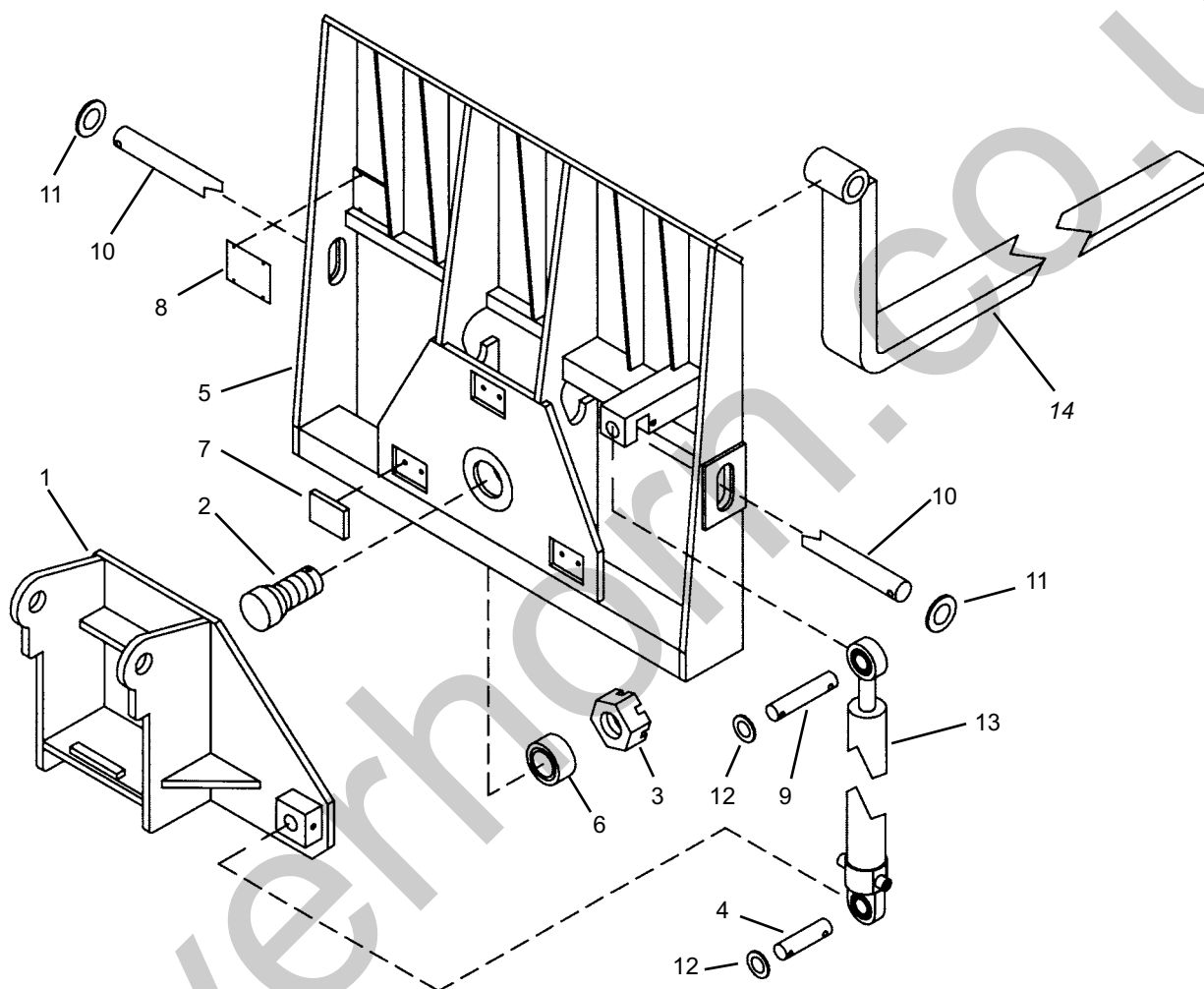
Fork Shift Carriage Attachment Group



Fork Shift Carriage Attachment Group

Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809405	FORK SHIFT CARRIAGE	1	18	808710	ADAP -8ORM -6JICM W/.06 ORF	2
02	808626	3/4"-10 NYLON INSERT NUT	3	19	809672	HOSE -6 A6/A6 59"	1
03	808431	FORK SHAFT WASHER	1	20	808826	HOSE -6 A6/A6 56"	1
04	808616	3/4"-10X3" BOLT	1				
05	808822	FORK SHAFT, 50"	1	a		For 4" wide forks use P/N 808823.	
06	808824	FORK SLIDE PLATE	2			For 5" wide forks use P/N 809276.	
07	808646	3/4"-10X1-1/2" BOLT	1	b		Sold as a set. Order part # 808796 Quick Couplers	
08	Note a	FORK SLIDE COUPLER	1				
09	808727	TWIN CUSHION TOP PLATE	2				
10	809485	5/16"-18X2-1/4" BOLT	2				
11	808728	TWIN HOSE CUSHION	1				
12	808662	5/16"-18 NYLON INSERT NUT	2				
13	Note b	COUPLER, MALE	1				
14	Note b	COUPLER, FEMALE	1				
15	809555	CYLINDER MOUNT	2				
16	808834	FORK SHIFT CYLINDER	1				
17	809487	3/4"-10X4" BOLT	2				

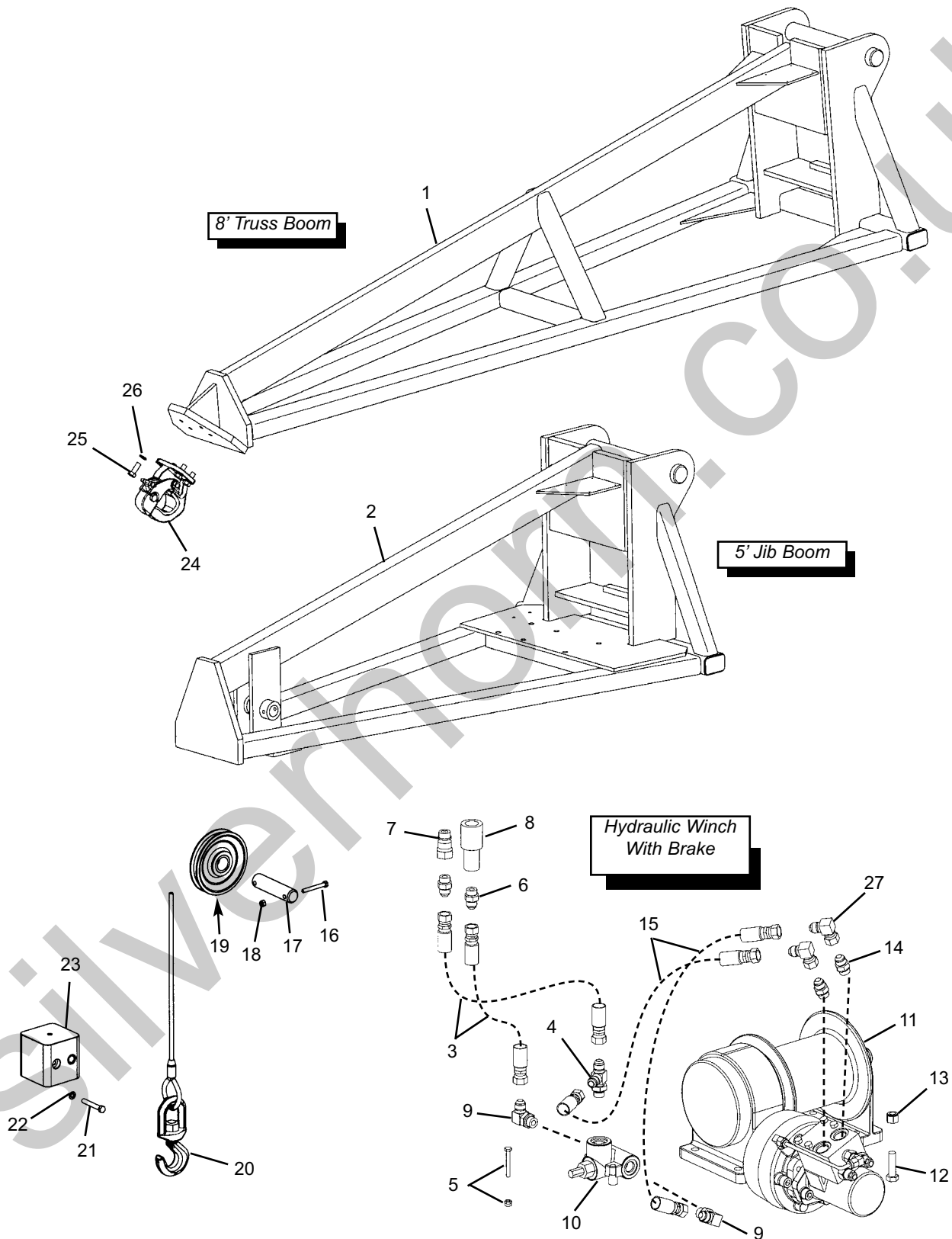
Rotate Carriage Attachment Group



	809693	1/2"-13X3-1/2" BOLT	1
	808665	1/2"-13 NYLON INSERT NUT	1
	808609	3/8"-16X2-3/4" BOLT	1
	808663	3/8"-16 NYLON INSERT NUT	1
10	809691	FORK SHAFT BAR 50-1/2" LG. ...	1
	809692	FORK SHAFT BAR 68-1/2' LG.	1
	808609	3/8"-16X2-3/4" BOLT	2
	808663	3/8"-16 NYLON INSERT NUT ...	2

	809693	1/2"-13X3-1/2" BOLT	1
	808665	1/2"-13 NYLON INSERT NUT	1
	808609	3/8"-16X2-3/4" BOLT	1
	808663	3/8"-16 NYLON INSERT NUT	1
10	809691	FORK SHAFT BAR 50-1/2" LG. . . .	1
	809692	FORK SHAFT BAR 68-1/2' LG. . . .	1
	808609	3/8"-16X2-3/4" BOLT	2
	808663	3/8"-16 NYLON INSERT NUT	2

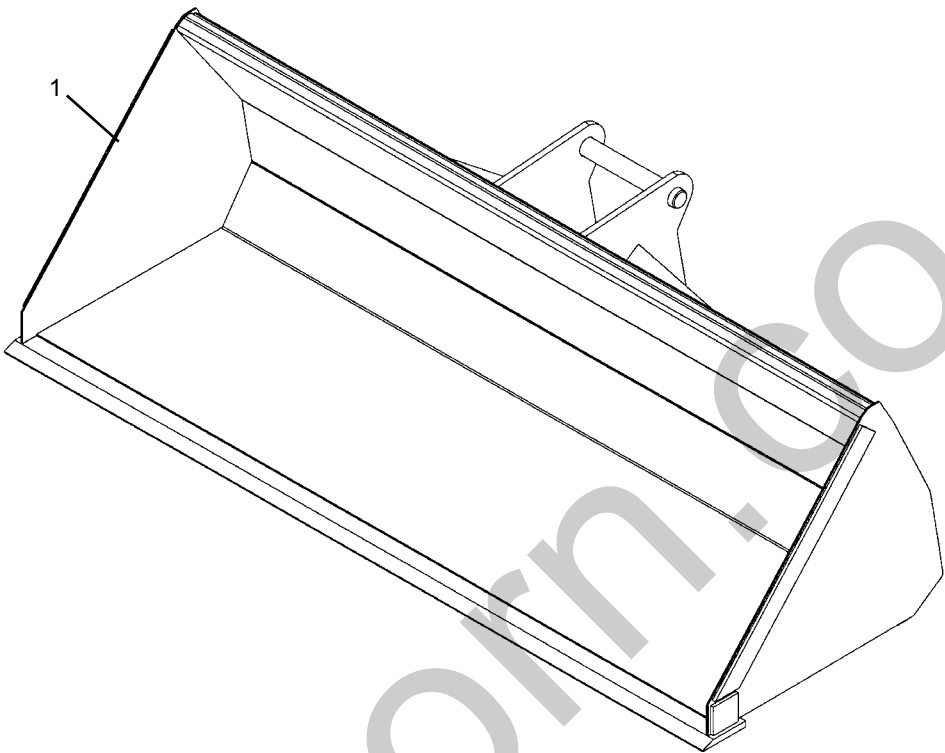
Boom Attachment Group



17	808077	PIN, TRUSS WINCH	1
18	808662	5/16"-18 NYLON INSERT NUT	2
19	808797	WINCH SHEAVE	1
20 ^c	808825	3/8"X60' WINCH CABLE	1
		<i>(Includes hook and swivel)</i>	

No.	No.	Req.
21	808618	3/8"X2-1/2" BOLT 2
22	808593	3/8" LOCK WASHER..... 2
23	808677	WINCH BALL..... 1
24	809498	PINTLE HOOK 1
25	808619	1/2"-20X1-1/4" GR 8 BOLT 4
26	808596	1/2" LOCK WASHER..... 4
27 ^d	808459	ADAP -8JICFS -8JICM 90..... 2
-- ITEMS NOT SHOWN --		
00	809406	AUGER, ADAPTER PLATE. 1
a	<i>Sold as a set. Order part # 808796 Quick Couplers</i>	
b	<i>Used with 5' truss booms after attachment serial number 11182. The winch on 5' truss booms before attachment serial number 11183 have been discontinued, you must purchase a boom and a winch.</i>	
c	<i>Used with 5' truss booms with winch.</i>	
d	<i>Not used on some attachments.</i>	

Bucket Attachment Group



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	809409 808854	1.3 CU. YD. BUCKET WELDMNT . 1 CUTTING EDGE 98" (weld on) 1					

Notes

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808003	5	6	808077	167	17	808213	86	7	808322	47	0
808004	5	8	808078	43	10	808214	86	9	808323	21	15
808004	55	4	808079	29	1	808215	86	10	808324	25	3
808004	65	2	808081	167	11	808216	86	11	808325	25	4
808005	5	3	808083	23	4	808217	86	12	808327	21	20
808005	35	3	808084	31	25	808218	86	13	808328	59	10
808006	35	22	808086	21	22	808222	86	19	808329	77	1
808026	10	2	808089	17	20	808223	86	20	808330	77	2
808027	10	1	808092	33	5	808224	86	21	808331	77	3
808028	10	12	808093	17	17	808225	86	24	808331	77	8
808029	10	13	808094	21	19	808226	86	24	808332	77	4
808030	10	6	808095	15	13	808227	86	24	808333	77	5
808031	7	7	808096	15	15	808228	86	25	808333	77	9
808031	9	14	808097	21	20	808229	86	26	808334	77	6
808032	9	13	808098	47	0	808231	13	0	808335	77	7
808033	7	2	808099	27	0	808231	23	20	808336	77	10
808033	9	2	808100	35	1	808232	43	0	808337	77	11
808034	9	3	808103	47	6	808233	45	0	808338	77	12
808035	7	5	808104	39	3	808234	27	0	808340	35	2
808035	9	11	808106	49	2	808235	55	22	808341	43	4
808036	7	1	808126	105	15	808238	21	3	808347	17	0
808036	9	1	808126	111	17	808239	21	4	808348	21	0
808038	7	8	808126	117	7	808245	13	24	808349	135	2
808038	103	0	808126	119	13	808246	21	2	808351	25	1
808039	11	1	808126	121	9	808252	19	3	808352	25	5
808040	11	2	808126	123	13	808253	19	10	808384	147	1
808041	11	3	808126	135	1	808255	15	20	808385	147	3
808042	11	5	808127	45	2	808257	13	18	808390	147	6
808043	6	0	808127	121	10	808258	13	17	808393	139	3
808045	11	6	808127	123	14	808259	33	3	808394	23	23
808046	9	5	808127	138	0	808261	13	20	808394	23	27
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808050	9	9	808154	31	8	808276	109	1	808395	23	31
808051	9	9	808155	31	5	808276	111	21	808395	23	32
808052	9	9	808156	31	15	808279	109	2	808396	43	0
808053	9	9	808166	43	0	808279	111	12	808397	139	4
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808057	7	4	808169	84	7	808299	109	10	808399	145	2
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808059	10	4	808170	84	8	808300	91	22	808400	145	3
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808065	10	11	808188	89	18	808308	13	25	808403	143	7
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808619	97	8	808679	111	2	808728	101	24	808828	55	5
808619	167	25	808679	119	5	808728	133	18	808832	129	25
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808623	55	11	808688	165	12	808733	13	0	808834	163	16
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808634	125	14	808701	99	18	808744	55	21	808843	47	16
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808862	13	23	808945	45	5	809003	69	15	809032	79	1
808872	47	14	808946	45	4	809003	71	12	809033	79	2
808876	81	12	808947	49	19	809003	73	21	809034	79	8
808876	93	37	808948	49	1	809003	73	23	809035	79	3
808877	107	5	808951	167	10	809004	69	14	809036	79	4
808877	111	18	808953	59	2	809004	71	11	809037	79	6
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808884	111	7	808966	59	9	809007	69	10	809046	81	18
808884	111	13	808967	59	22	809007	71	15	809046	89	24
808885	107	10	808968	59	8	809007	73	10	809046	93	16
808885	107	11	808969	61	9	809008	69	6	809047	86	8
808885	111	14	808970	61	13	809008	71	9	809048	89	13
808885	111	15	808971	61	7	809008	73	6	809048	93	7
808889	43	1	808972	61	16	809009	69	7	809049	89	11
808890	97	38	808973	61	3	809009	71	10	809049	93	7
808891	21	0	808974	61	15	809009	73	7	809050	84	9
808892	23	21	808975	61	12	809010	69	1	809050	89	12
808892	23	22	808976	61	6	809011	69	18	809050	93	47
808896	39	9	808977	61	4	809012	69	4	809051	91	4
808897	43	6	808978	61	5	809012	71	7	809051	95	4
808898	29	7	808979	61	1	809012	73	4	809052	95	21
808899	29	6	808980	61	2	809013	69	2	809053	91	20
808901	43	0	808981	61	14	809014	63	2	809053	95	20
808902	97	2	808982	64	5	809014	63	5	809054	91	19
808905	109	11	808983	64	7	809014	63	10	809054	95	19
808905	111	19	808984	65	10	809014	63	12	809055	91	17
808906	97	0	808985	65	8	809014	69	19	809055	95	17
808913	47	0	808986	65	9	809014	73	24	809056	91	17
808914	29	2	808987	59	15	809015	63	3	809056	95	17
808919	43	8	808988	59	14	809015	63	6	809057	84	1
808921	23	6	808989	65	12	809015	69	20	809057	85	1
808922	23	3	808990	65	1	809016	71	6	809057	89	39
808923	23	13	808991	65	6	809016	73	19	809057	93	31
808923	23	14	808992	59	13	809017	71	5	809058	86	22
808924	23	9	808993	67	2	809018	73	17	809058	87	11
808925	23	12	808994	67	1	809019	75	6	809059	149	1
808925	47	0	808995	67	4	809020	75	7	809060	149	12
808926	23	7	808996	67	3	809021	75	4	809061	149	5
808927	23	8	808997	67	5	809022	73	18	809062	149	10
808928	23	5	808998	67	8	809023	73	1	809063	141	1
808935	45	1	808999	69	17	809024	73	2	809064	141	2
808936	43	10	808999	73	16	809025	63	11	809065	141	5
808938	23	10	809000	69	16	809025	73	26	809066	141	7
808938	45	0	809000	73	15	809026	63	13	809067	149	3
808939	45	3	809001	69	9	809026	73	27	809067	155	4
808940	44	3	809001	71	14	809027	75	9	809068	149	6
808941	44	2	809001	73	9	809028	75	8	809068	155	6
808942	44	0	809002	69	8	809029	75	3	809071	59	27

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809073	31	24	809133	78	4	809330	134	1	809355	111	5
809074	59	7	809136	149	4	809331	17	0	809356	81	4
809075	59	6	809136	151	3	809332	17	0	809357	101	5
809076	59	12	809136	153	3	809333	13	29	809358	101	6
809077	59	11	809136	155	3	809334	43	0	809359	97	36
809078	57	14	809136	157	3	809335	29	13	809359	133	16
809079	64	6	809136	159	4	809336	41	13	809360	97	37
809080	64	4	809139	155	5	809336	43	5	809361	35	29
809081	64	3	809151	135	5	809337	103	1	809361	105	16
809082	64	1	809151	138	2	809338	23	24	809362	41	10
809083	64	2	809152	135	6	809338	23	25	809363	41	14
809084	65	11	809152	138	4	809338	23	26	809364	86	16
809085	65	7	809153	135	6	809339	37	1	809365	86	17
809086	65	4	809153	138	3	809340	35	18	809366	86	18
809087	65	5	809153	138	4	809341	23	0	809367	89	7
809088	65	3	809157	135	3	809342	9	16	809368	89	3
809089	79	14	809164	81	3	809343	115	3	809369	89	16
809090	79	15	809165	25	5	809343	117	1	809370	89	28
809091	79	10	809173	111	3	809343	119	1	809371	89	25
809092	69	11	809174	135	7	809343	121	1	809372	89	47
809092	71	16	809195	29	10	809343	123	1	809373	89	49
809092	73	11	809292	27	9	809343	143	0	809374	91	11
809093	73	12	809292	107	1	809344	115	2	809375	143	8
809094	63	9	809292	140	1	809344	117	2	809375	145	7
809094	73	25	809293	39	5	809344	119	2	809375	147	4
809095	59	4	809294	39	0	809344	121	2	809376	143	9
809096	57	11	809295	39	0	809344	123	2	809376	145	8
809096	57	13	809296	39	0	809344	145	0	809376	147	5
809096	59	21	809297	39	0	809344	115	1	809377	5	7
809096	65	17	809298	13	16	809344	119	14	809378	37	6
809097	78	5	809308	51	18	809344	123	16	809378	51	1
809098	73	5	809309	53	1	809344	147	0	809379	37	7
809099	59	20	809310	81	22	809346	23	0	809379	51	10
809107	55	10	809310	111	23	809347	41	4	809380	51	15
809114	59	5	809311	143	4	809348	41	6	809381	51	2
809115	57	7	809312	13	21	809349	41	7	809382	51	13
809115	59	25	809313	33	1	809350	81	8	809383	21	10
809116	69	5	809314	33	4	809351	35	26	809384	135	3
809117	71	8	809315	33	2	809351	117	6	809385	35	6
809118	57	3	809316	51	19	809351	119	12	809386	35	24
809118	57	6	809317	15	12	809352	105	17	809387	131	2
809118	59	18	809318	13	3	809352	111	6	809388	105	10
809119	57	8	809319	13	2	809353	35	27	809389	129	26
809119	59	32	809319	15	11	809353	105	18	809390	105	1
809120	57	1	809320	13	12	809353	117	8	809391	113	6
809121	59	29	809320	15	9	809353	119	11	809391	127	6
809122	59	31	809321	15	10	809353	121	5	809391	129	7
809123	59	33	809322	19	9	809353	121	6	809392	109	4
809124	59	34	809323	19	8	809353	121	8	809393	81	1
809125	59	30	809324	19	1	809353	121	11	809394	35	31
809126	61	8	809325	15	19	809353	123	8	809395	105	3
809128	149	7	809326	147	2	809353	123	11	809395	134	2
809128	151	6	809327	51	7	809353	123	12	809396	49	24
809128	155	7	809328	13	1	809353	123	17	809397	137	18
809130	27	6	809329	23	0	809354	107	7	809398	137	16
809131	53	7	809329	23	33	809354	111	11	809399	137	4

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809401	137	3	809442	89	45	809486	53	11	809519	99	10
809402	137	14	809442	93	35	809487	163	17	809520	99	9
809403	25	0	809443	89	46	809488	97	10	809521	97	34
809404	167	2	809443	93	36	809488	101	16	809521	101	19
809405	163	1	809444	93	40	809489	49	18	809522	97	33
809406	167	0	809445	89	40	809490	55	18	809522	101	20
809407	158	4	809445	93	43	809491	53	16	809523	101	17
809407	159	9	809446	93	45	809492	97	7	809524	97	11
809408	134	3	809447	89	43	809493	101	23	809525	97	12
809409	168	1	809447	93	46	809493	129	23	809526	127	1
809410	71	4	809448	89	26	809493	133	10	809526	151	0
809411	85	3	809448	93	49	809494	97	18	809527	35	8
809412	85	4	809449	89	26	809494	131	9	809528	81	1
809413	85	6	809449	93	49	809495	113	10	809529	99	25
809413	93	38	809450	89	26	809496	97	5	809530	39	5
809414	85	8	809450	93	49	809497	113	14	809531	103	6
809414	93	24	809451	93	50	809497	125	17	809531	129	14
809415	95	2	809452	87	2	809498	167	24	809531	131	19
809417	91	16	809453	87	3	809499	35	23	809532	129	18
809418	95	22	809454	87	5	809500	99	26	809532	131	4
809419	89	2	809455	87	6	809500	101	4	809533	103	4
809419	93	2	809456	87	7	809501	97	23	809533	127	3
809420	93	3	809457	87	8	809501	99	27	809534	39	1
809421	93	4	809458	87	9	809502	97	28	809535	165	0
809422	93	10	809459	87	13	809502	99	21	809536	49	3
809423	89	19	809460	87	14	809502	101	9	809537	105	13
809423	93	11	809461	82	2	809502	165	7	809537	107	14
809424	93	12	809461	83	2	809503	37	4	809538	107	13
809425	89	34	809462	82	3	809504	99	29	809538	111	10
809425	93	13	809462	83	3	809506	105	7	809539	49	9
809426	93	14	809463	82	1	809506	107	2	809539	55	15
809427	93	17	809463	83	1	809507	39	4	809540	35	7
809428	89	32	809464	93	44	809508	101	2	809540	49	8
809428	93	18	809465	93	48	809509	99	2	809540	55	2
809429	89	29	809466	153	7	809510	131	1	809540	105	20
809429	93	19	809466	157	7	809510	157	0	809540	113	21
809430	89	33	809467	95	16	809511	103	8	809540	113	22
809430	93	20	809468	97	35	809511	129	19	809541	113	9
809431	89	30	809468	101	21	809511	155	0	809541	113	15
809431	93	21	809469	82	2	809512	129	16	809541	113	16
809432	93	22	809469	83	2	809512	153	0	809541	127	10
809433	93	23	809470	137	6	809513	125	1	809541	127	11
809434	89	31	809471	137	7	809513	149	0	809541	129	10
809434	93	26	809472	137	2	809514	97	16	809542	25	2
809435	89	35	809473	137	11	809514	101	22	809543	159	0
809435	93	27	809474	137	8	809514	103	5	809543	165	13
809436	89	36	809475	137	12	809514	127	2	809544	97	22
809436	93	28	809476	137	17	809514	129	17	809544	131	17
809437	93	29	809477	137	13	809514	131	6	809545	165	1
809438	89	38	809478	137	20	809514	153	8	809546	103	15
809438	93	30	809479	137	15	809514	155	9	809547	165	4
809439	89	41	809480	140	2	809514	157	8	809548	165	9
809439	93	32	809481	125	15	809515	97	21	809549	151	9
809440	89	42	809482	165	3	809516	97	13	809549	159	10
809440	93	33	809483	99	4	809517	99	11	809550	115	9
809441	89	44	809484	97	14	809518	101	15	809551	47	0

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809552	10	3	809597	113	25	809632	151	4			
809553	7	11	809597	133	5	809633	151	5			
809554	49	12	809597	137	0	809634	153	1			
809555	163	15	809598	125	6	809635	153	10			
809556	81	1	809599	105	11	809636	153	5			
809557	81	1	809600	35	28	809637	153	6			
809558	81	1	809600	107	15	809638	141	2			
809559	49	17	809601	113	18	809639	155	1			
809560	51	16	809601	127	9	809640	155	11			
809561	9	9	809602	113	19	809641	155	12			
809562	49	21	809602	113	20	809642	157	12			
809563	41	3	809602	125	7	809643	137	18			
809563	53	12	809603	115	5	809644	137	1			
809564	97	15	809604	113	2	809645	137	5			
809565	41	11	809604	113	3	809645	137	19			
809566	41	11	809604	131	13	809646	137	9			
809567	41	11	809604	131	14	809647	137	9			
809568	41	11	809605	113	5	809648	137	9			
809569	41	12	809605	113	23	809649	137	10			
809570	41	9	809605	129	5	809650	159	6			
809571	41	8	809605	133	7	809651	63	15			
809572	41	5	809606	113	4	809652	69	21			
809573	129	2	809606	113	24	809653	59	19			
809573	129	3	809606	129	6	809654	65	15			
809573	133	2	809606	133	8	809655	65	14			
809573	133	3	809607	113	8	809656	65	13			
809574	97	20	809607	129	9	809657	65	16			
809574	131	7	809608	81	22	809658	67	6			
809575	97	1	809608	111	24	809659	67	7			
809576	129	1	809609	41	1	809660	35	9			
809576	133	1	809610	81	1	809660	37	3			
809577	131	11	809611	81	14	809661	159	1			
809577	131	12	809611	125	13	809662	159	3			
809578	131	8	809612	81	11	809663	159	12			
809579	97	19	809612	125	12	809664	159	5			
809580	129	20	809613	81	1	809665	159	6			
809580	129	21	809614	47	8	809666	159	7			
809581	133	13	809615	27	3	809667	161	1			
809581	133	14	809616	107	3	809668	161	1			
809582	55	17	809617	105	8	809669	165	5			
809583	55	25	809618	149	11	809670	165	5			
809584	55	23	809618	155	10	809671	167	1			
809585	55	12	809619	101	3	809672	163	19			
809586	47	3	809620	137	16	809673	57	4			
809587	47	7	809621	69	3	809673	59	16			
809588	47	19	809622	69	22	809673	59	24			
809589	37	14	809623	85	7	809674	57	15			
809589	47	0	809623	93	25	809675	59	3			
809590	113	12	809624	157	1	809676	57	9			
809590	115	8	809625	153	4	809676	57	12			
809590	137	0	809625	157	4	809677	57	10			
809591	99	14	809626	157	6	809678	59	26			
809592	99	24	809627	157	11	809679	59	23			
809593	99	8	809628	151	1	809680	59	35			
809594	139	0	809629	151	8	809681	29	1			
809595	99	1	809630	151	2	809682	157	5			

Torque Specifications

Use these torque values when tightening GEHL 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 x 1.355 or lb-in value x 0.113.



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