

PARTS MANUAL



MAYCO SERIES MODEL LS-60TD STRUCTURAL CONCRETE PUMP (DEUTZ BF4L914 DIESEL ENGINE)

Revision #6 (04/23/25)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

MAYCO LS60TD Structural Concrete Pump

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NOTICE

Specifications and part numbers are subject to change without notice.

NOTES

[illegible]

EXPLANATION OF CODE IN REMARKS COLUMN

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

NOTICE

The contents and part numbers listed in the parts section are subject to change without notice. Multiquip does not guarantee the availability of the parts listed.

SAMPLE PARTS LIST

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	12345	BOLT	1	INCLUDES ITEMS W/%
2%		WASHER, 1/4 IN.		NOT SOLD SEPARATELY
2%	12347	WASHER, 3/8 IN. ...	1	MQ-45T ONLY
3	12348	HOSE	A/R	MAKE LOCALLY
4	12349	BEARING	1	S/N 2345B AND ABOVE

NO. Column

Unique Symbols — All items with same unique symbol (@, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the “Remarks” column.

Duplicate Item Numbers — Duplicate numbers indicate multiple part numbers, which are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

NOTICE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

PART NO. Column

Numbers Used — Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at the time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the “Remarks” Column.

QTY. Column

Numbers Used — Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the “Remarks” Column.

REMARKS Column

Some of the most common notes found in the “Remarks” Column are listed below. Other additional notes needed to describe the item can also be shown.

Assembly/Kit — All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

“INCLUDES ITEMS W/(unique symbol)”

Serial Number Break — Used to list an effective serial number range where a particular part is used.

Indicated by:

“S/N XXXXX AND BELOW”

“S/N XXXX AND ABOVE”

“S/N XXXX TO S/N XXX”

Specific Model Number Use — Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

“XXXXX ONLY”

“NOT USED ON XXXX”

“Make/Obtain Locally” — Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

“Not Sold Separately” — Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

SUGGESTED SPARE PARTS

LS-60TD STRUCTURAL CONCRETE PUMP 1 UNIT

Qty.	P/N	Description
1.....	EM16462	FELT HOLDER
4.....	EM98050	PISTON CUP, ORANGE
4.....	EM16493	FELT RING
1.....	EM98033	OIL PLATE
2.....	EM14408	BRONZE RING
2.....	EM16145	BUSHING SWING AXLE (BRONZE)
1.....	EM98021	WEAR, PLATE
2.....	EM16816-1A.....	ENERGIZER RING
1.....	EM16816-2.....	INSERT RING
2.....	EM98065	SLEEVE, SEAL
1.....	EM98022	WEAR RING
1.....	EM98065	RUBBER RING
2.....	EM14407	O-RING
1.....	34507	CAP, FUEL
2.....	EM20763	FILTER, FUEL (IN LINE)
1.....	P53712	CARTRIDGE, WATER SEPARATOR
3.....	01174416.....	FILTER, OIL (ENGINE)
3.....	01174696.....	FILTER, FUEL (ENGINE)
2.....	EM98093P.....	ELEMENT, PRIMARY
2.....	EM98093S.....	ELEMENT, SECONDARY
1.....	EM98163	SWITCH, PROXIMITY
1.....	EM981121	ELEMENT, RETURN OIL

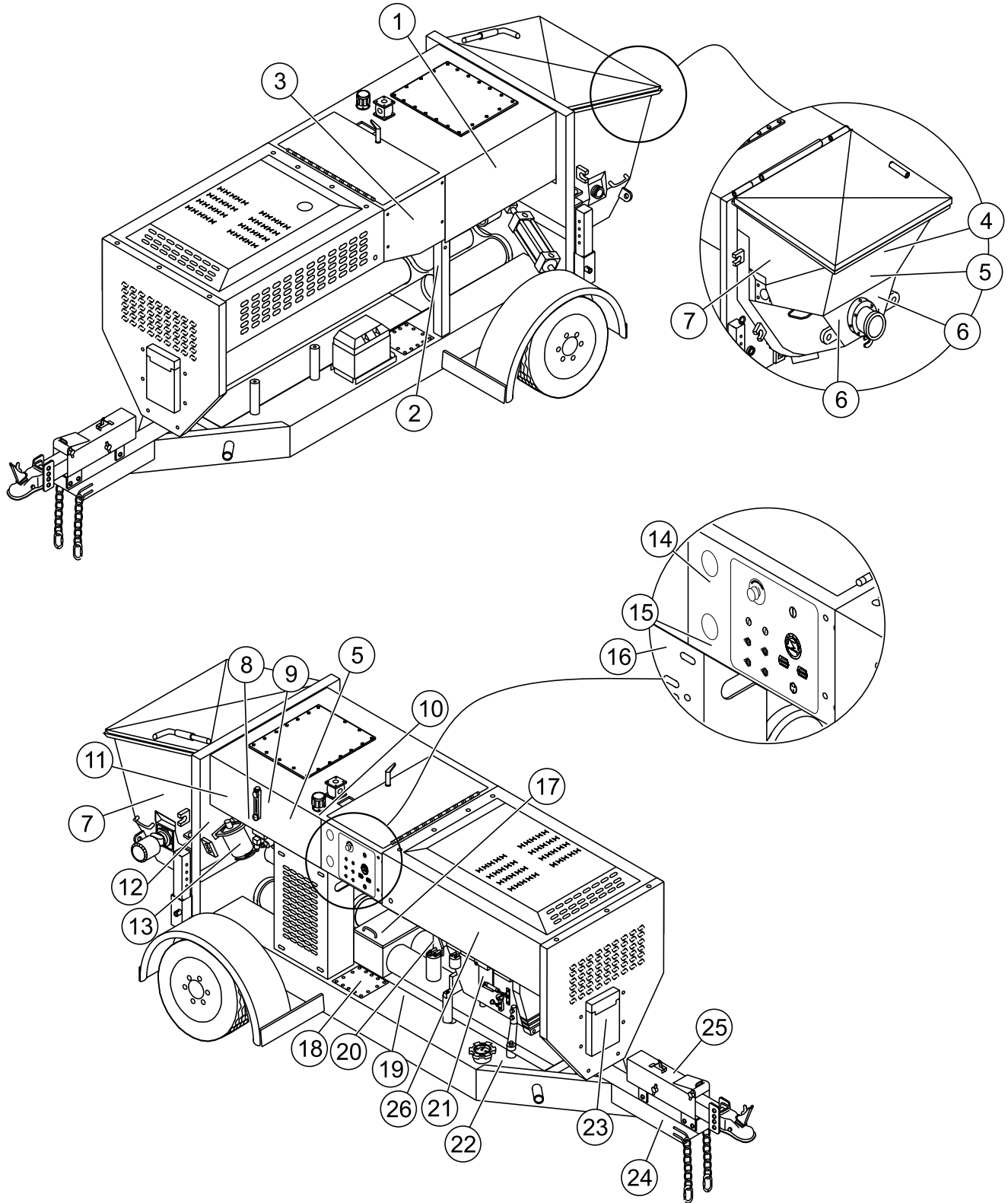
NOTICE

Part numbers on this Suggested Spare Parts list may supersede/replace the part numbers shown in the following parts lists.

LS-60TD STRUCTURAL CONCRETE PUMP 3 UNITS

Qty.	P/N	Description
1.....	EM16459	PIN
2.....	EM25801	CONCRETE CYLINDER
4.....	EM16462	FELT HOLDER
6.....	EM98050	PISTON CUP, ORANGE
8.....	EM16493	FELT RING
4.....	EM98033	OIL PLATE
4.....	EM14408	BRONZE RING
4.....	EM16145A.....	BUSHING SWING AXLE (BRONZE)
3.....	EM98021A.....	WEAR PLATE
4.....	EM16816-1A.....	ENERGIZER RING
2.....	EM16816-2.....	INSERT RING
4.....	EM98065	SLEEVE SEAL
6.....	EM98022	WEAR RING
3.....	EM98065	RUBBER RING
6.....	EM14407	O-RING
2.....	EM16174	O-RING
2.....	EM98163	SWITCH, PROXIMITY
6.....	510265.....	BOLT, HEX HEAD 3/8 NC X 3-1/4" G8
1.....	34507	CAP, FUEL
6.....	EM20763	FILTER, FUEL
3.....	P53712	CARTRIDGE, WATER SEPARATOR
9.....	01174416.....	FILTER, OIL (ENGINE)
9.....	01174696.....	FILTER, FUEL (ENGINE)
6.....	EM98093P.....	ELEMENT, PRIMARY
6.....	EM98093S.....	ELEMENT, SECONDARY
2.....	EM981121	ELEMENT, RETURN OIL

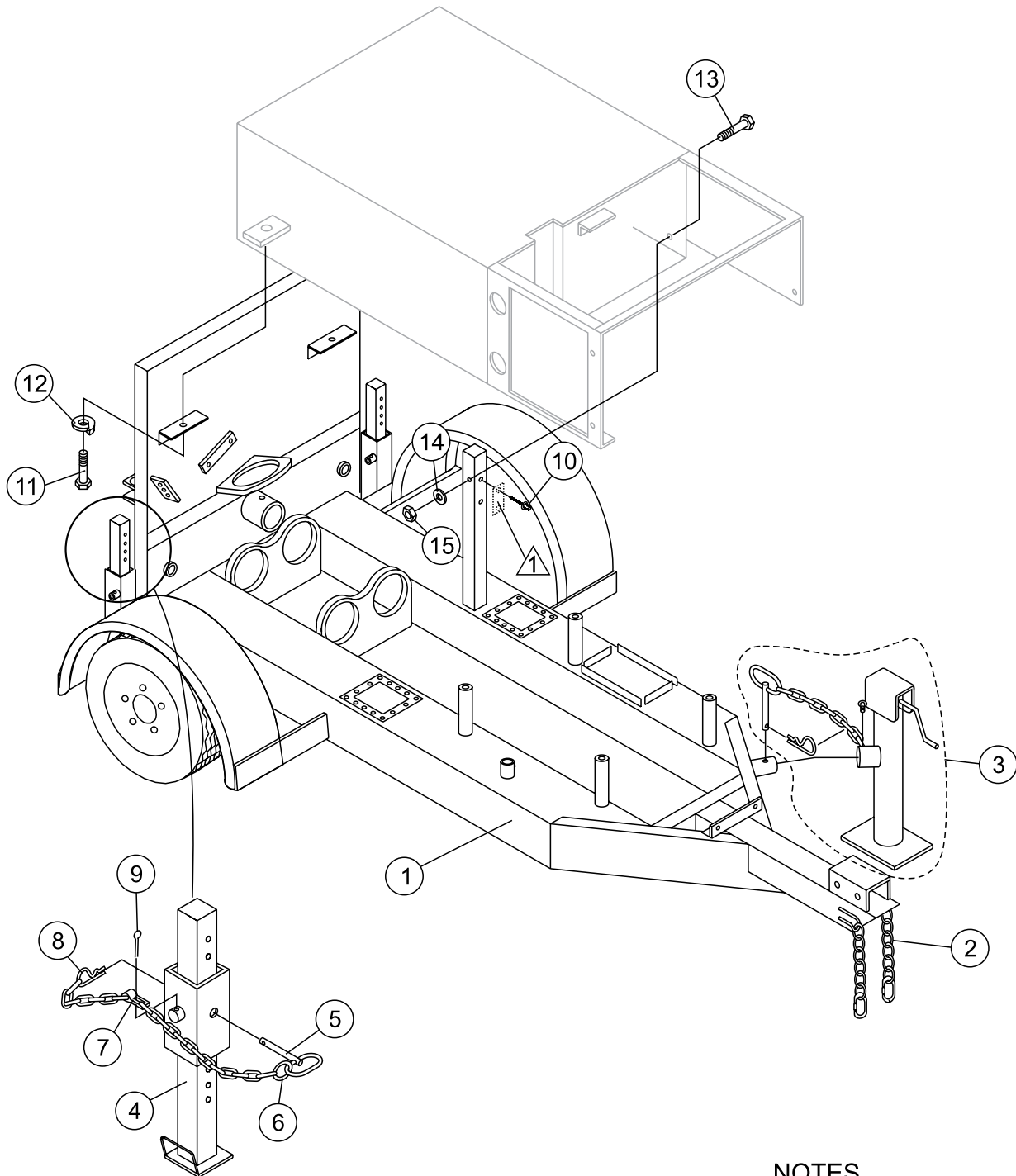
NAMEPLATE AND DECALS



NAMEPLATE AND DECALS

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514238	DECAL, LS-60 SMALL	1	
2		SERIAL PLATE	1	CONTACT PARTS DEPT.
3	DCL302	DECAL, WARNING BURN HAZARD	1	
4	EM511709	DECAL, 800-30-MAYCO	1	
5	EM97072	DECAL, CAUTION - OP. INSTRUCTIONS	2	
6	EM510386	DECAL, CAUTION - GREASE 2 HOURS	4	
7	DCL301	DECAL, SHUTTLE TUBE DANGER	2	
8	EM970	DECAL, HOPPER REX MIXER	1	
9	EM511091	DECAL, MINIMUM OIL LEVEL	1	
10	EM985	DECAL, HYDRAULIC OIL ONLY	1	
11	DCL304	DECAL, DANGER IMPROPER CHARGING	1	
12	DCL304	DECAL, WARNING - ACCUM. SAFETY	1	
13	EM955	DECAL, DANGER CHARGING ACCUM.	1	
14	EM97070	DECAL, ACCUMULATOR PRESSURE	1	
15	EM97070	DECAL, PUMPING PRESSURE DECAL	1	
16	35137	DECAL, CAUTION READ MANUAL	1	
17	EM97084	DECAL, MAINTENANCE	1	
18	DCL300	DECAL, DANGER LUBRICATION BOX	1	
19	EM965	DECAL, VOLUME CONTROL	1	
20	EM965	DECAL, THROTTLE	1	
21	513580	DECAL, ENGINE RPM SETTING	1	
22	EM995	DECAL, CAUTION DIESEL FUEL	1	
23	34536	DECAL, OWNERS MANUAL	1	
24	DCL305	DECAL, WARNING REAR STABILIZERS	1	
25	EM696	DECAL, CAUTION - TOWING DECAL	1	
26	514666	DECAL, LS-60 LARGE	1	

FRAME ASSY.

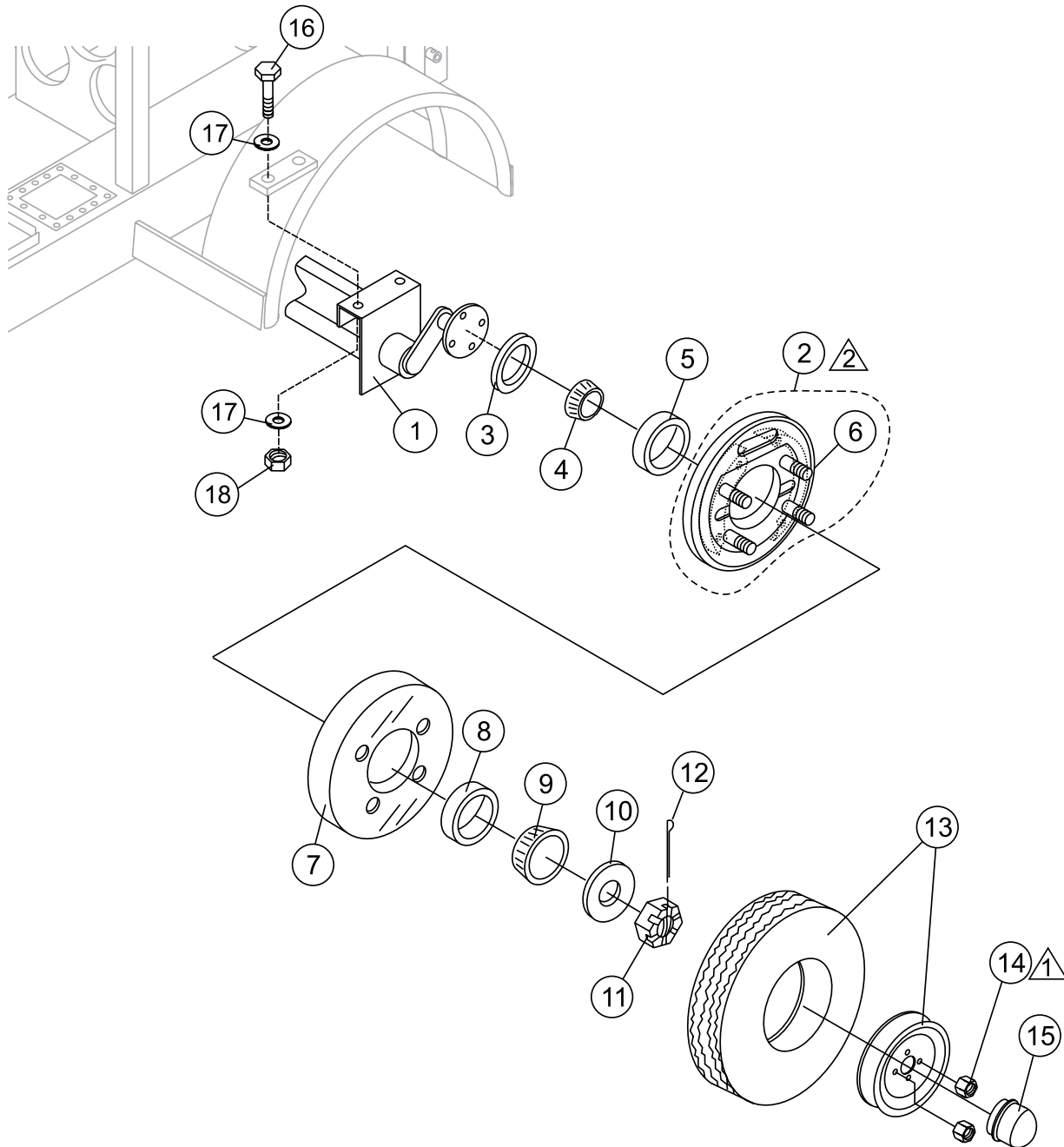


NOTES

- 1 SEE NAMEPLATE AND DECALS
SERIAL PLATE, ITEM 2

FRAME ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514355	FRAME, MAIN	1	
2	TBD	CHAIN, TRAILER HITCH, 3/8 X 40", GRADE 40	2	
3	EM25610	JACK STAND, FRONT	1	
4	EM70186	SUPPORT STAND	2	
5	EM491686	PIN	2	
6	EM491076	PIN RING 3/4"	2	
7	EM490236	CHAIN 15 3.5 GALV.	2	
8	EM744	PIN	2	
9	EM491686	PIN, COTTER	2	
10	EM491744	RIVET, POP AM-44	2	
11	509562	BOLT, 3/8" NC X 5/8" G5	2	
12	0166 A	LOCK, WASHER 3/8"	2.....	REPLACES P/N 492624
13	503112	BOLT 3/8" X 2-3/4"	1	
14	3019092	WASHER 3/8"	2.....	REPLACES P/N 492598
15	EM969013	NUT 3/8"	1.....	REPLACES P/N 492583



NOTES:

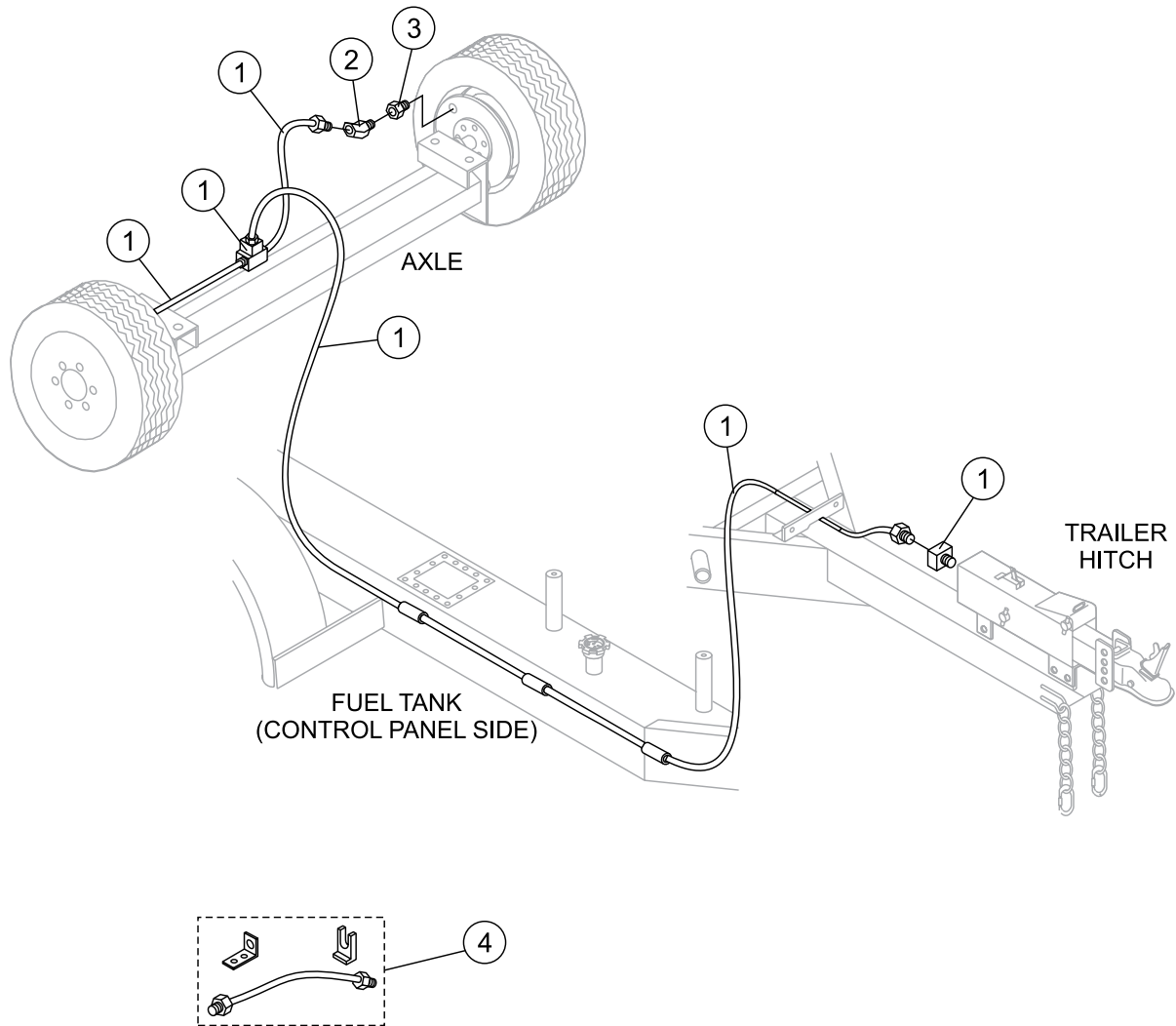
 TORQUE LUG NUTS PER LUG NUT
TORQUE TABLE REFERENCED IN
THIS MANUAL.

RIGHT AND LEFT SIDE AXLE
ASSEMBLIES ARE IDENTICAL
WITH THE EXCEPTION OF THE
BRAKE ASSEMBLY.

AXLE ASSY. (RIGHT/LEFT)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM98116	AXLE, TORSION BAR ASSEMBLY	1	
2	EM092305	BRAKE ASSEMBLY COMPLETE, RIGHT	1.....	INCLUDES ITEMS W/#
2	EM092306	BRAKE ASSEMBLY COMPLETE, LEFT	1.....	INCLUDES ITEMS W/% SEE NOTE BELOW
3	363198	OIL SEAL	1	
4	363196	INNER BEARING CONE 2 IN.	1	
5	383911	INNER BEARING CUP 2 IN.	1	
6#%	363909	WHEEL STUD 1/2 IN. - 20 UNF PRESS IN	8	
7	363239	HUB AND DRUM ASSEMBLY	2	
8	363916	OUTER BEARING CONE	1	
9	363420	OUTER BEARING CUP	1	
10	568326	LOAD WASHER 1 IN. T5 HP	1	
11	363257	SLOTTED NUT, 1 IN. UNF	2	
12	363258	COTTER PIN 3/16 IN. X 1-1/2	2	
13	EM514813	RIM AND TIRE	2	
14	363203	WHEEL LUG NUTS 1/2 UNF 60 CON	8	
15	363199	GREASE CAP	2	
16	EM104	BOLT, HEX HEAD 5/8 IN NC X 2 IN G5	4.....	REPLACES P/N 503982
17	0401450160	WASHER, FLAT 5/8 IN.	8.....	REPLACES P/N 492602
18	EM969023	NUT, LOCK 5/8 IN.....	4.....	REPLACES P/N 492586

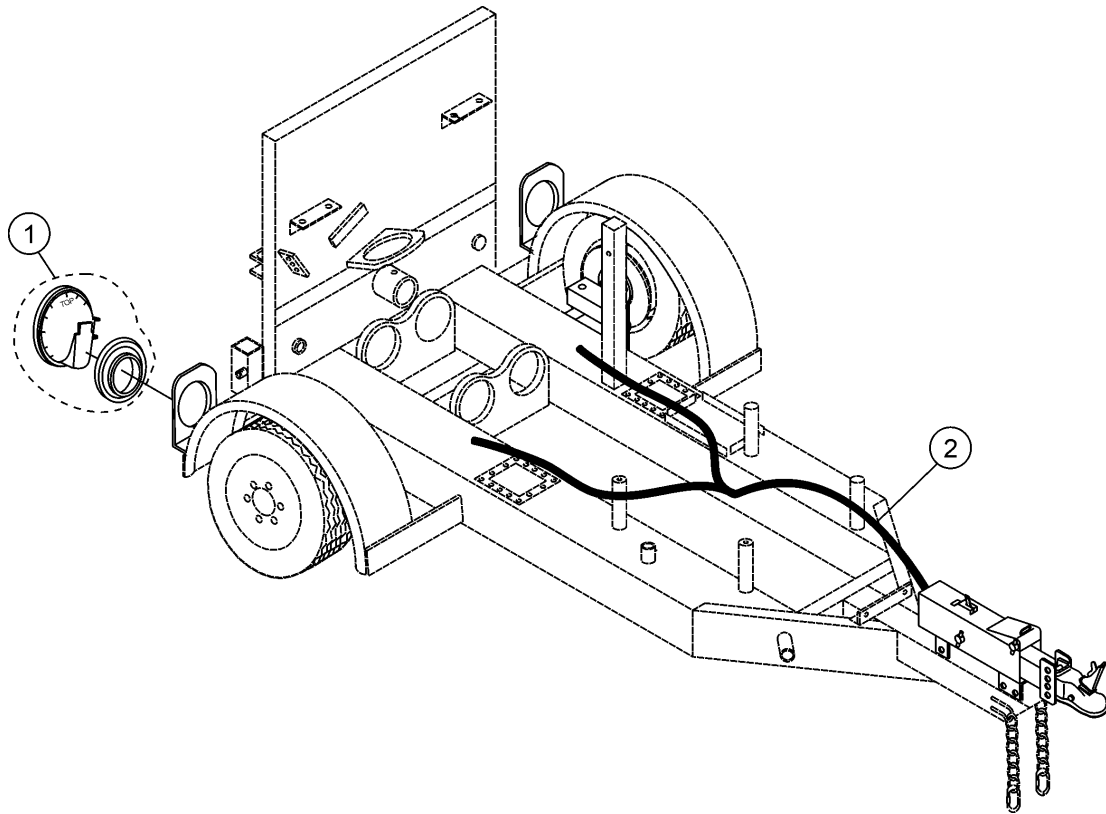
BRAKE LINE ASSY.



BRAKE LINE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	34566	KIT, MAIN BRAKE LINE	1	
2	EM512877	ADAPTOR, STRAIGHT	2	
3	EM512876	ADAPTOR, ELBOW	2	
4	34565	KIT, WHEEL BRAKE LINE	1	

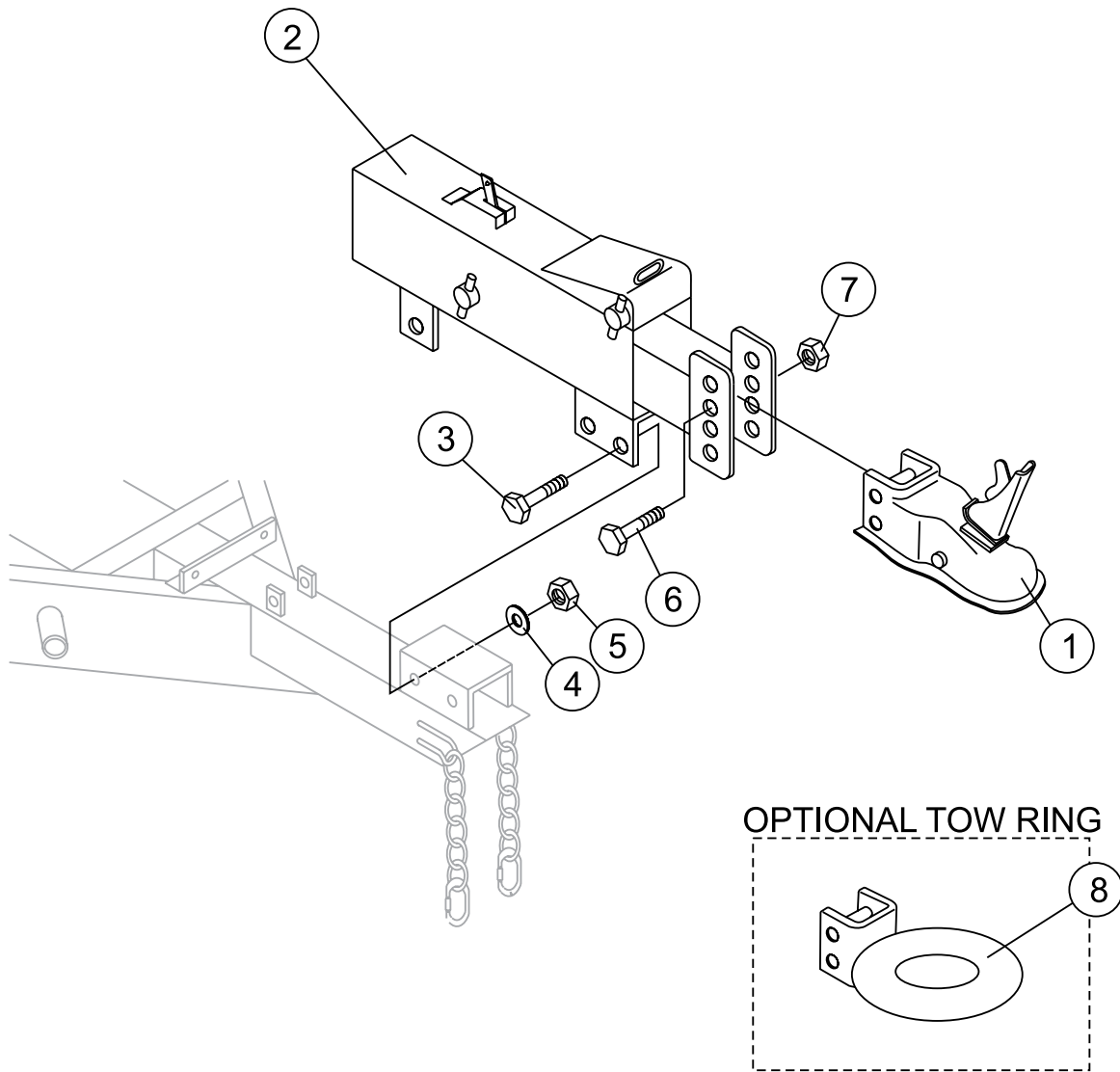
BRAKE LIGHT ASSY.



BRAKE LIGHT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM26536	BRAKE LIGHT ASSEMBLY	2	
2	29207	HARNESS ASSEMBLY W/RECEPTACLES	1.....	REPLACES P/N V5425Y

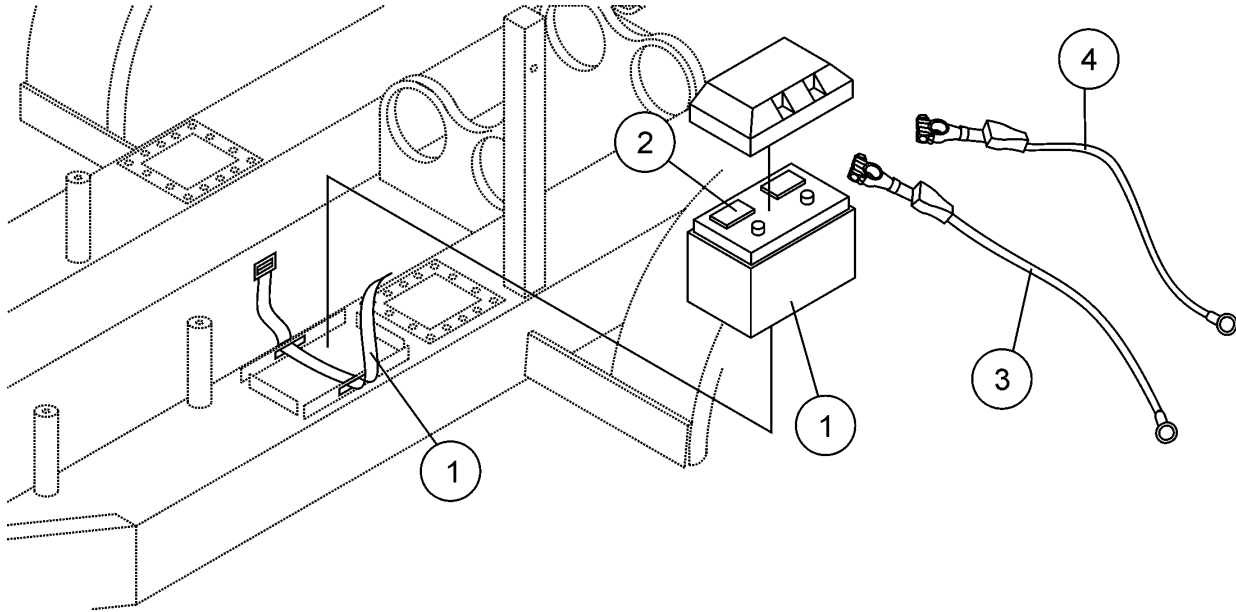
TRAILER HITCH ASSY.



TRAILER HITCH ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	29228	COUPLING, TRAILER 2 IN.BALL, 6000 LBS	1	
2	19067	ACTUATOR, BRAKE	1	
3	503111	BOLT, HEX HEAD 1/2 NC X 4-1/2 IN.	3	
4	492600	WASHER, FLAT 1/2 IN.	3	
5	492584	NUT, LOCK 1/2 IN.	3	
6	EM507658	BOLT, HEX HEAD 5/8 NC X 4-1/2 IN. G5	2	
7	492586	NUT, LOCK 5/8 IN.	2	
8	29369	TOW RING, 3 IN. LUNETTE EYE	1.....	REPLACES P/N 16137

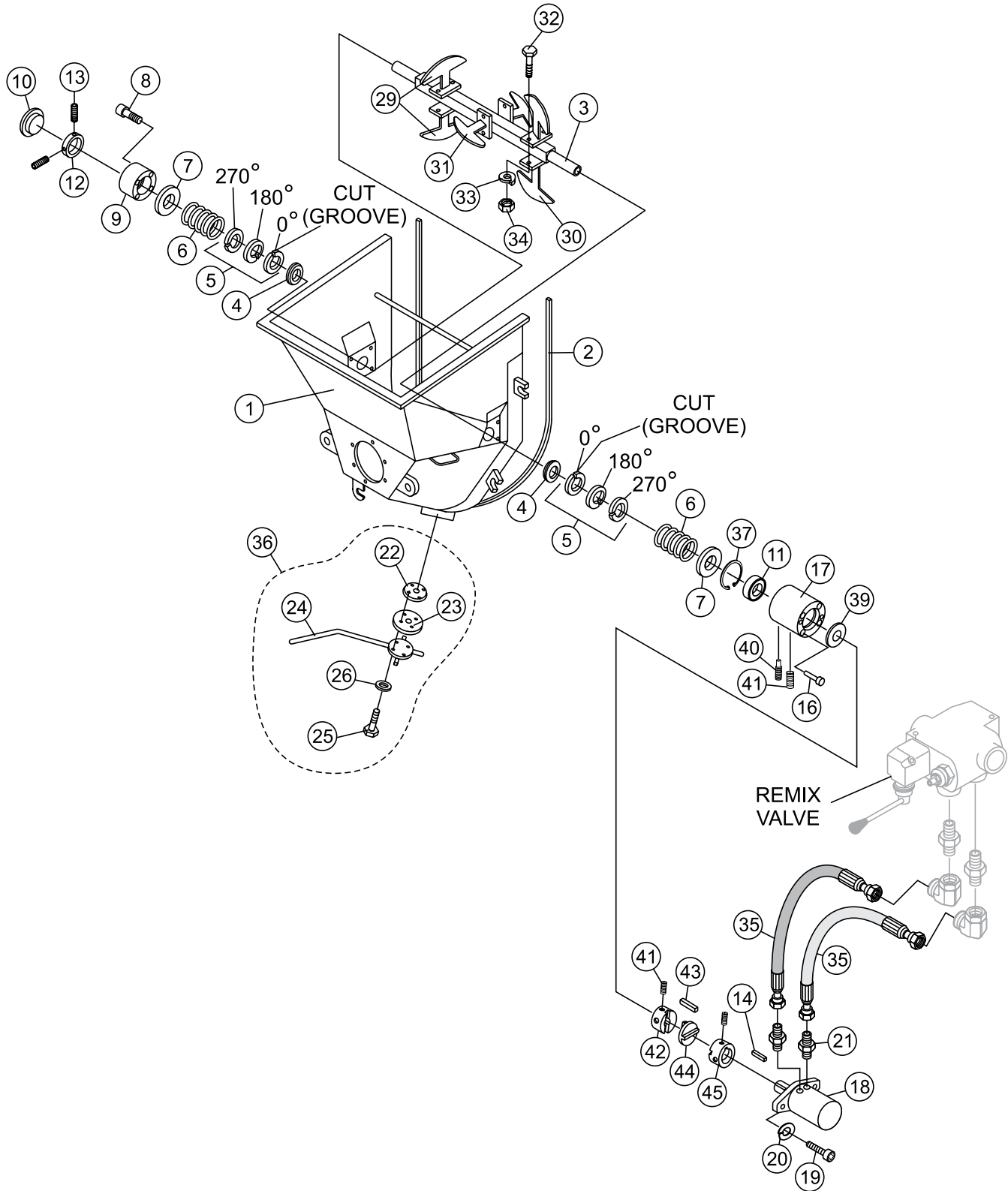
BATTERY ASSY.



BATTERY ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	34506	BATTERY BOX W/BELT	1	
2	EM16738	BATTERY 12V 125A	1	
3	514856	BATTERY CABLE POSITIVE	1	
4	513577	BATTERY CABLE NEGATIVE	1	

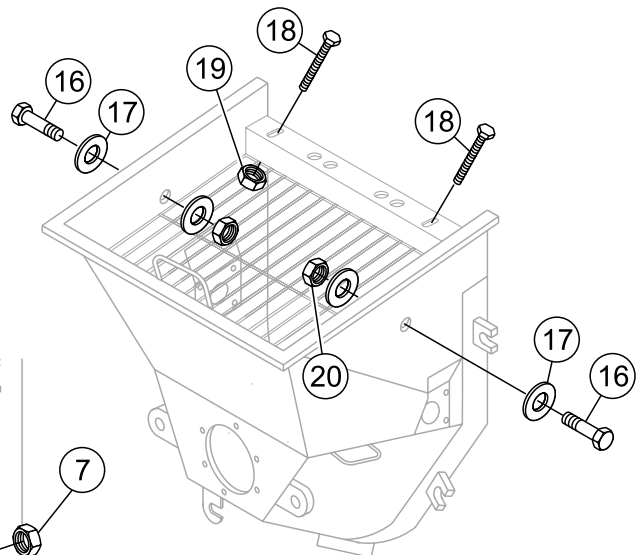
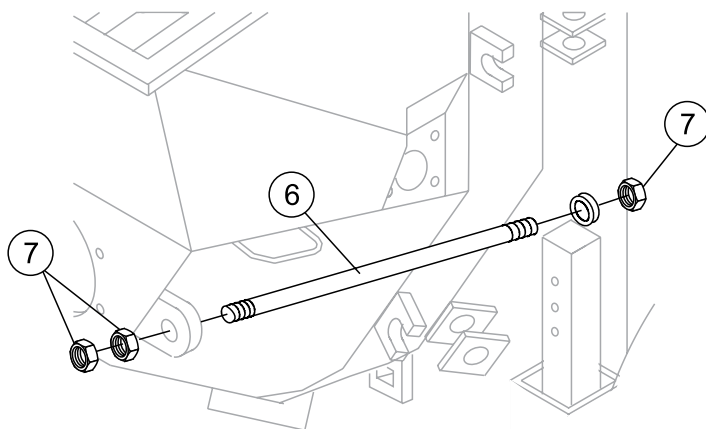
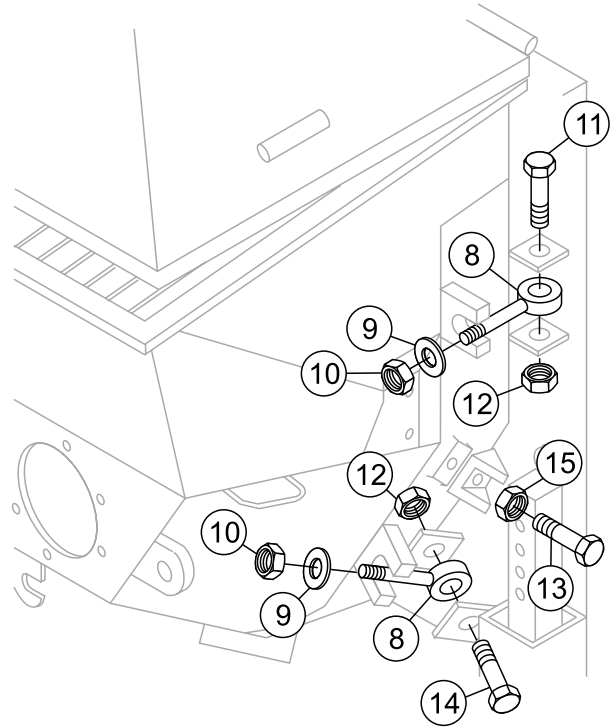
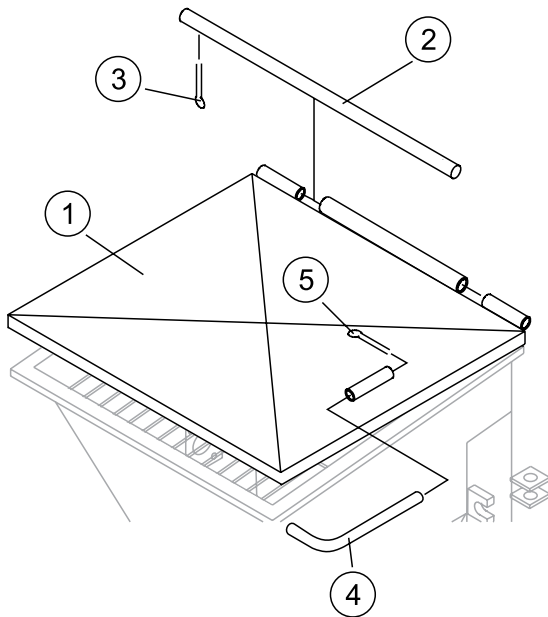
HOPPER ASSY.



HOPPER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514354	HOPPER ASSEMBLY	1	
2	EM16184	HOPPER SEAL	1	
3	EM516779	REMIXER SHAFT	1	
4	EM200303	FOLLOWER RING	2	
5	EM200301	GRAPHITE SEAL	6	
6	EM516820	COMPRESSION SPRING	2	
7	EM514339	HOPPER, SPRING SEAT	2	
8	510717	BOLT 1/2 X 1-3/4 IN.	4	
9	EM514338	SUPPORT, LEFT	1	
10	EM514706	END CAP, SHAFT SUPPORT	1	
11	EM902153	BEARING	2	
12	EM200018	SET COLLAR	1	
13	EM703	SET SCREW.....	2	REPLACES P/N 492470
14	500264	KEY 3/8 IN.	1	
16	EM511428	BOLT 1/2 X 3-1/2 IN.	4	
17	EM516780	HOUSING	1	
18	EM98108	MOTOR, REMIX	1	
19	505989	BOLT 1/2 X 1-1/4 IN.	2	
20	6109180	WASHER, LOCK 1/2 IN.	2	REPLACES P/N 492626
21	EM25508	ADAPTER, FITTING	2	
22	EM708601	PISTON CUP HOLDER	1	
23	EM50417	PISTON CUP	1	
24	EM508830	HANDLE	1	
25	492378	BOLT 3/8 X 1-3/4 IN.	4	
26	0166 A	WASHER, LOCK 3/8 IN.	4	REPLACES P/N 492624
29	EM514031	PADDLE ARM, END	2	
30	EM514032	PADDLE ARM, MOTOR END	2	
31	EM514033	PADDLE ARM, CENTER	2	
32	513454	BOLT 1/2 X 3-1/4 IN.	6	
33	6109180	WASHER, LOCK 1/2 IN.	6	REPLACES P/N 492626
34	492589	HEX NUT 1/2 IN.	6	REPLACES P/N 507661
35	EM25483	HOSE.....	2	CONNECT TO REMIX VALVE
36	EM70860	HANDLE ASSEMBLY	1	
37	EM515460	RETAINING RING	1	
39	516799	SPACER 6MM	1	
40	EM702	DOG POINT SET SCREW 3/8"	1	
41	EM703	SET SCREW 3/8"	3	
42	516787	REMIX SHAFT COUPLER	1	
43	EM500264	SQUARE KEY 3/8"	1	
44	516776	DRIVE MEMBER COUPLER	1	
45	516775	MOTOR SHAFT COUPLER	1	

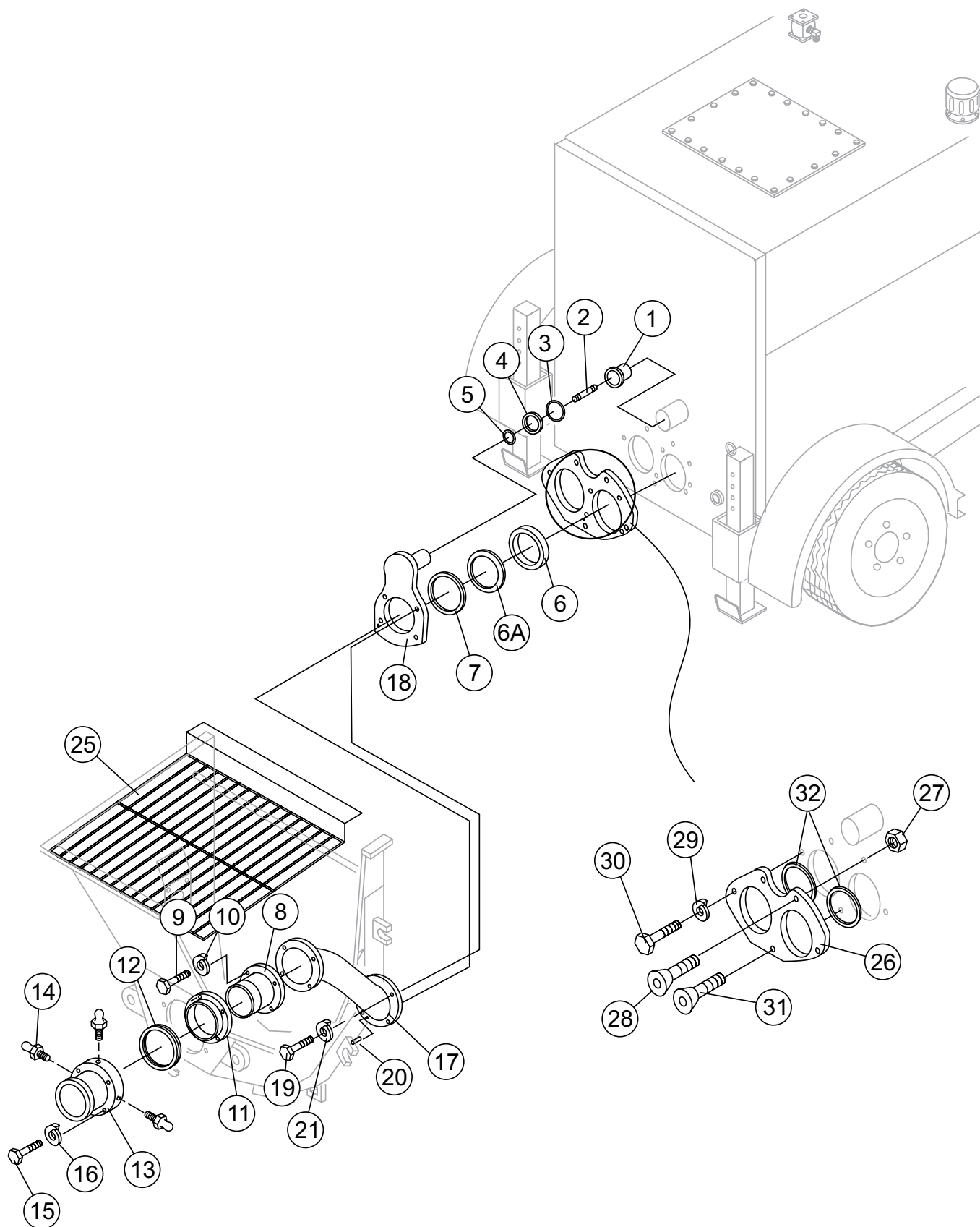
HOPPER ATTACHMENT ASSY.



HOPPER ATTACHMENT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514204	SPLASH PLATE	1	
2	EM514620	HINGE PIN	1	
3	EM491686	COTTER PIN 1/8 X 1-1/2 IN.	1	
4	EM70134-2	PIN, SPLASH PLATE	1	
5	EM505723	COTTER PIN 5/32 X 1-1/2 IN.	1	
6	EM16166	TIE ROD	4	
7	505728	NUT, HEX 1 IN. NC	6	
8	EM14165	EYE BOLT 3/4 IN.	4	
9	EM619	O-RING 3/4 IN.	4	
10	EM968446	NUT, HEX 3/4 IN.	4	
11	505121	BOLT 3/4 IN. X 3 IN.	4	
12	EM968446	HEX NUT 3/4 IN.	4	
13	505123	HEX BOLT 1/2 X 2-1/2 IN.	2	
14	492491	HEX BOLT 1/2 X 1-1/2 IN.	1	
15	6109160	HEX NUT 1/2 IN.....	3	REPLACES P/N 492556
16	492379	SCREW CAP 3/8"	2	
17	3019092	WASHER, FLAT 3/8"	4	
18	515395	BOLT 7/16 NC X 4" G5	2	
19	492584	NUT LOCK 1/2"	2	
20	EM969013	NUT NYLOC	2	

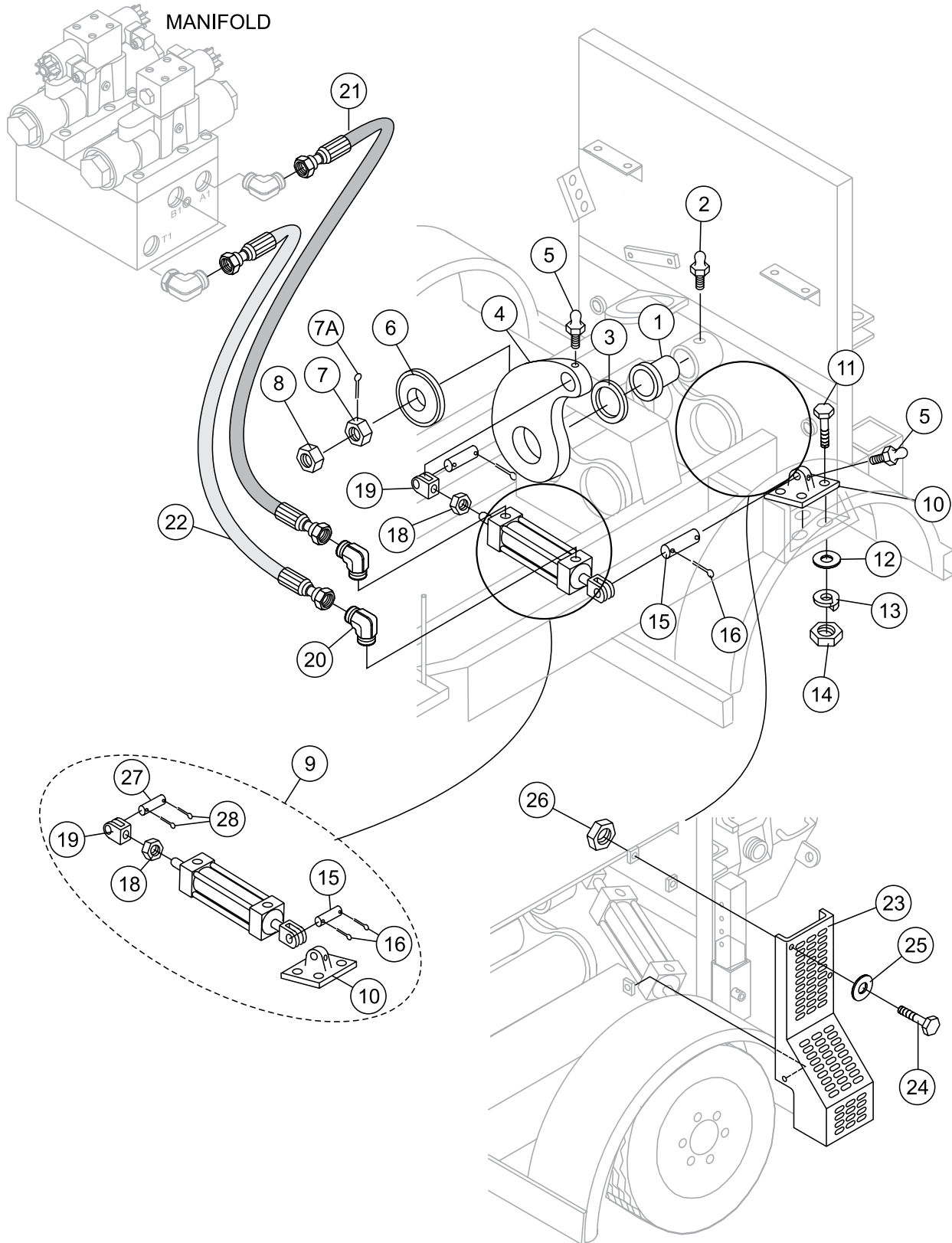
HOPPER INTERIOR ASSY.



HOPPER INTERIOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM16145A	SWING AXLE BUSHING	2	
2	EM284	STUD 1 IN. - 14 UNF	1	
3	EM16175	O-RING	1	
4	EM16170	RING SEAL, SHUTTLE AXLE	1	
5	EM16176	O-RING	1	
6	EM98022	WEAR RING HF	1	
6A	EM16816-1A	RING, ENERGIZER RUBBER	1	
7	EM16816-2	RING, INSERT STEEL	1	
8	EM16804	SLEEVE 5 IN	1	
9	EM104	BOLT 5/8 X 2 IN.....	4	REPLACES P/N 503982
10	EM923348	WASHER, LOCK 5/8 IN.	4	REPLACES P/N 492627
11	EM25803	DISCHARGE PLATE BEARING	1	
12	EM98065	SEAL, RUBBER	1	
13	EM512212	DISCHARGE NIPPLE	1	
14	491701	GREASE FITTING	3	
15	EM210	BOLT 5/8 X 2 IN.	6	
17	EM16811	SHUTTLE CYLINDER	1	
18	EM25843	NUN PLATE	1	
19	EM104	BOLT, HEX HEAD 5/8 X 2 IN.....	4	REPLACES P/N 503982
20	491719	PIN	1	
21	EM923348	WASHER, LOCK 5/8 IN.	4	
25	EM514357	HOPPER SCREEN	1	
26	EM98021	PLATE, WEAR HF	1	
27	EM969023	NUT, HEX 5/8 IN NC INS.....	2	REPLACES P/N 492586
28	EM265	BOLT, COUNTER SUNK 5/8-11 X 3 IN.	2	
29	EM492628	WASHER, LOCK 3/4 IN.	2	
30	EM151	BOLT, HEX HEAD 3/4-10 X 2 IN.	2	
31	EM264	BOLT, COUNTER SUNK 1/2-13 X 3 IN.	2	
32	EM517700	O-RING	2	

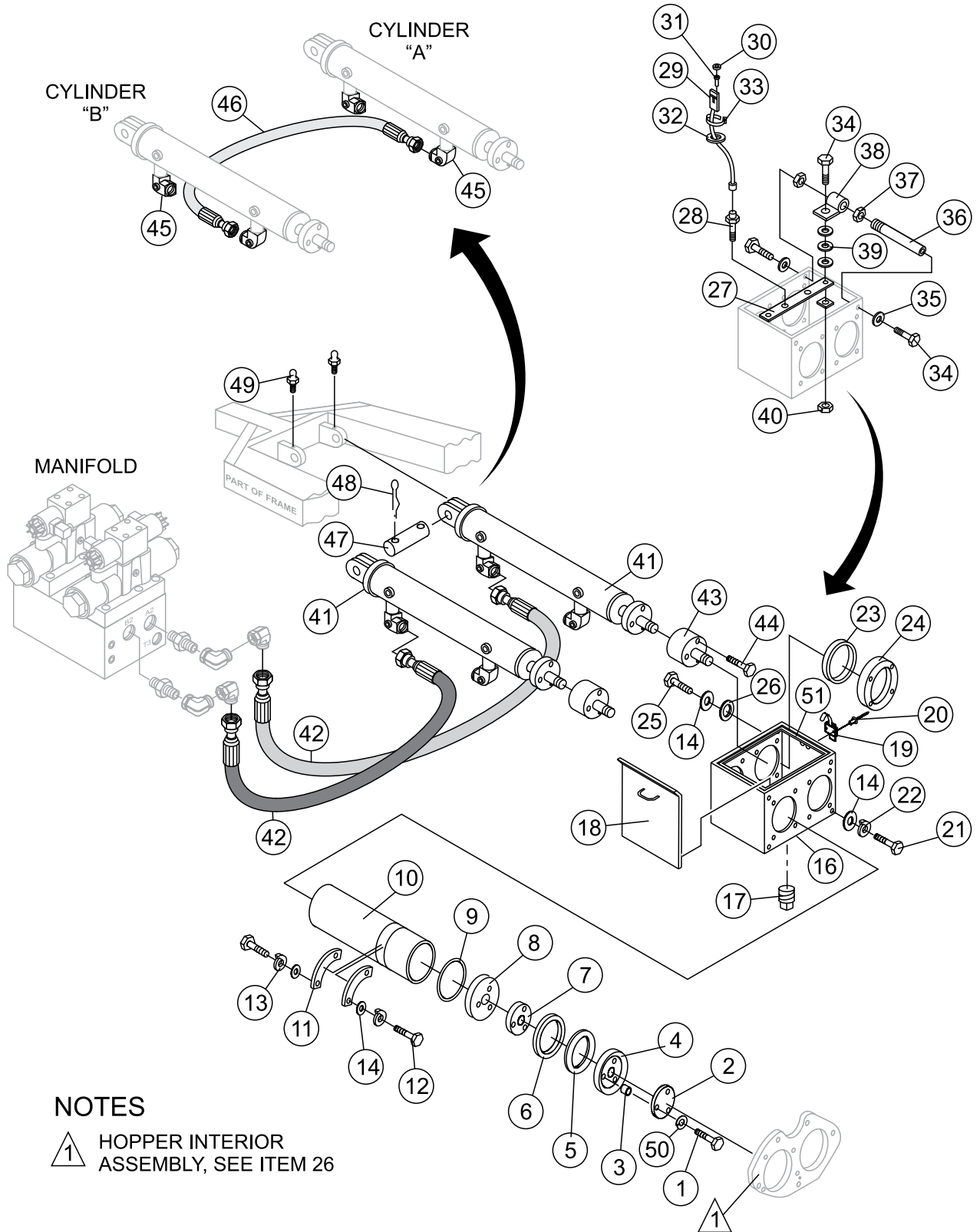
SHUTTLE CYLINDER ASSY.



SHUTTLE CYLINDER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM16145	SWING AXLE BUSHING	2	
2	EM510684	GREASE FITTING	1	
3	EM16169	THRUST WASHER	1	
4	EM25236	SHUTTLE CRANK, SPLINED SHAFT	1	
5	EM505490	GREASE FITTING	2	
6	EM16814	TENSIONER	1	
7	EM424	HEX NUT 1 IN. 14NF	1	REPLACES P/N 491690
7A	EM924006	COTTER PIN 5/32 X 2 IN.	1	
8	EM417	NUT 1 IN. 14NF	1	
9	EM98106CU	SHUTTLE CYLINDER ASSEMBLY.....	1	INCLUDES ITEMS W/*
10*	EM254549	BRACKET, PIVOT	1	
11	492397	BOLT 1/2 X 2-1/2 IN.	4	
12	EM621	WASHER 1/2 IN.	4	
13	6109180	WASHER, LOCK 1/2 IN	4	REPLACES P/N 492626
14	492584	NUT 1/2 IN.	4	
15*	0820270000	CLEVIS PIN 3/4 IN.	1	
16*	0820270000	COTTER PIN	2	
18*	515249	JAM NUT	1	
19*	EM254541	FEMALE CLEVIS	1	
20	3322	FITTING, ELBOW	2	
21	EM514590	HOSE.....	1	CONNECT TO MANIFOLD PORT "A1"
22	EM514591	HOSE.....	1	CONNECT TO MANIFOLD PORT "B1"
23	EM515628	COVER, SHUTTLE CYLINDER	1	
24	0202	SCREW, HHC 5/16-18 X 1 ZINC	3	REPLACES P/N 492364
25	EM923023	WASHER, FLAT	3	REPLACES P/N 492597
26	2105164	NUT, HEX.....	3	REPLACES P/N 492582
27*	EM26126	CLEVIS PIN	1	
28*	EM717	COTTER PIN	2	

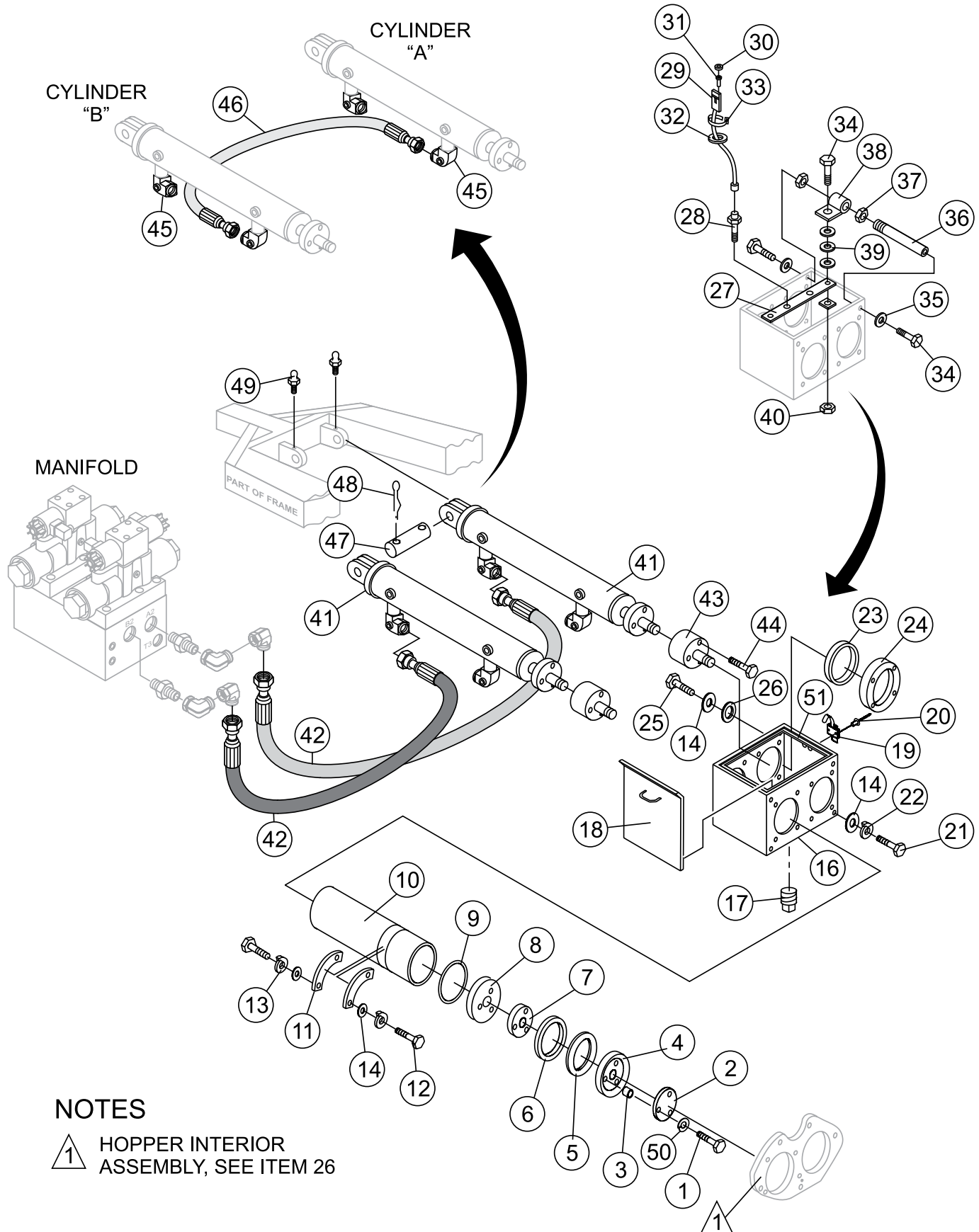
LUBRICATION PISTONS ASSY.



LUBRICATION PISTONS ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM963064	BOLT, HEX HEAD 3/8 NC X 3-1/2 IN., BLACK OXIDE G8	6	
2	EM16464	FACE PLATE	2	
3	EM16465	PISTON CUP SPACER	6	
4	EM98050	CUP, PISTON-ORANGE	2	
5	EM14408	RING, BRONZE	2	
6	EM16493	RING, FELT	2	
7	EM16462	FELT HOLDER	2	
8	EM16461	OILER PLATE	2	
9	EM14407	O-RING, OILER PLATE	2	
10	EM25801	CYLINDER, CONCRETE	2	
11	EM25110	RETAINER, CYLINDER	4	
12	EM963610	BOLT, 3/8 NC X 1.3/4 IN. G5	8.....	REPLACES P/N 492375
13	0166 A	WASHER, LOCK 3/8 IN.	8.....	REPLACES P/N 492624
14	3019092	WASHER, FLAT 3/8 IN.	22.....	REPLACES P/N 492598
16	514197	LUBRICATION BOX	1	
17	EM507895	PLUG	1	
18	515796	COVER, LUBRICATION BOX	1	
19	EM514610	LATCH, COVER	1	
20	EM491754	RIVET, AM-66	2	
21	492378	BOLT, 3/8 NC X 1.3/4 IN. G5	6	
22	0166 A	WASHER, LOCK 3/8".	6.....	REPLACES P/N 492624
23	EM274351	SEAL LUBE BOX	2	
24	EM50425	FLANGE, RING	2	
25	EM492451	BOLT 3/8 - 24 X 1 IN. HEX HEAD	8	
26	EM50443	SEAL, OIL BOX	8	
27	EM514208	BAR, PROXIMITY SWITCH SUPPORT	1	
28	EM98163	SWITCH, PROXIMITY W/CABLE	2	
29	EM98135	CABLE HOUSING, FEMALE	2	
30	EM98134	SEAL, CONNECTOR HOUSING	6	
31	EM98138	TERMINAL PIN, FEMALE	6	
32	EM514611	GROMMET	2	
33	EM504505	WRAP TIE	8	

LUBRICATION PISTONS ASSY. (CONT'D.)



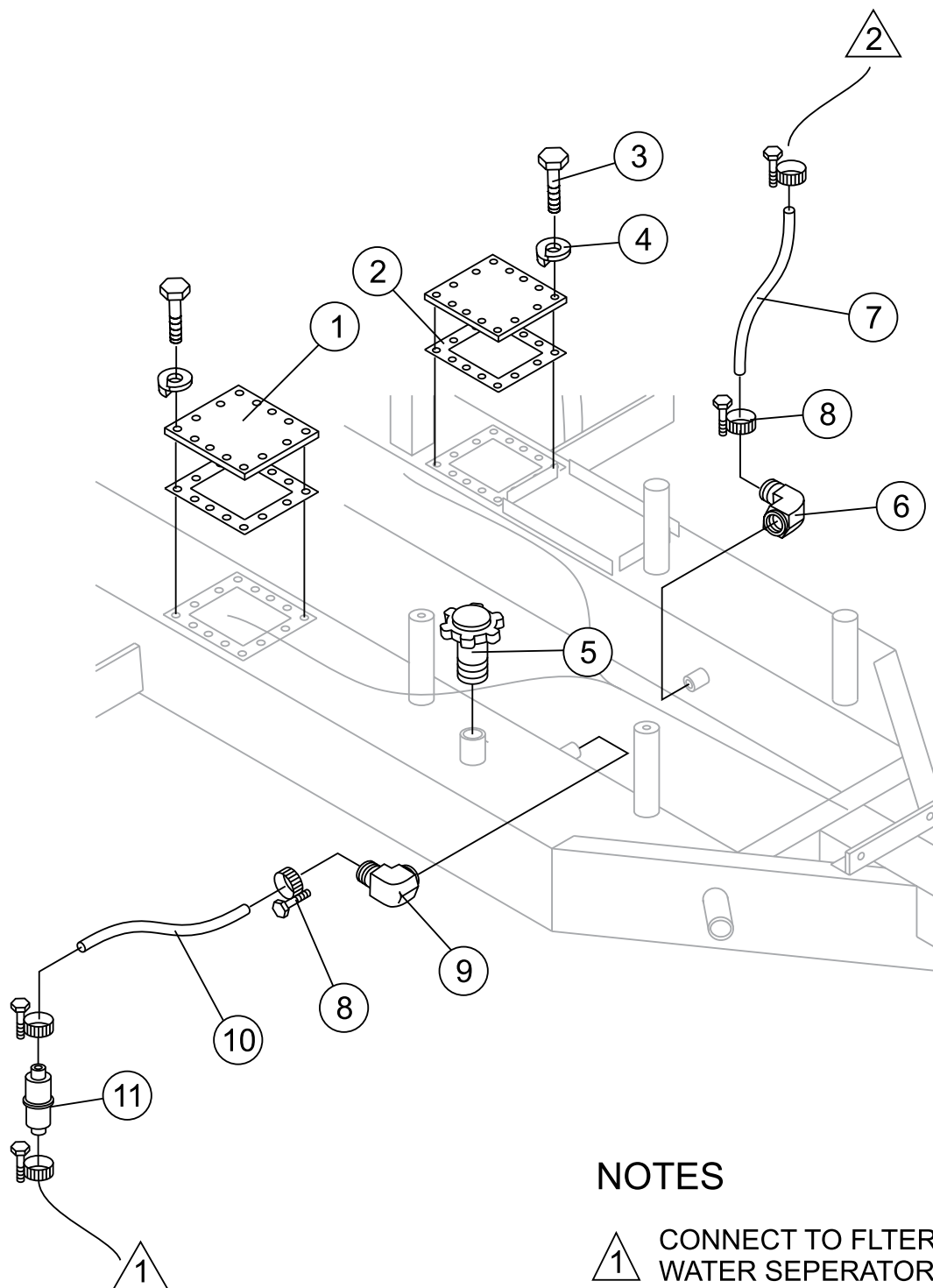
NOTES

- 1 HOPPER INTERIOR ASSEMBLY, SEE ITEM 26

LUBRICATION PISTONS ASSY. (CONT'D.)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
34	492366	BOLT, HEX HEAD 5/16 NC X 1 IN. G5	6	
35	EM492623	WASHER, LOCK 5/16 IN.	4	
36	EM514216	ADJUSTMENT ROD, PROXIMITY SWITCH	2	
37	EM492556	NUT, HEX 1/2 IN.	4	
38	EM514207	BRACKET, ADJUSTMENT ROD	2	
39	EM492597	WASHER, FLAT 5/16 IN.	6	
40	EM492582	NUT, HEX HEAD 5/16 IN	2	
41	EM98211	CYLINDER, MAIN	2	
42	EM514920	HOSE, MAIN HYD. CYLINDER	2	
43	EM514202	EXTENSION, SPACER	2	
44	EM185	BOLT, SOCKET HEAD 3/8 NC X 3 IN., BLACK OXIDE G8	6	
45	EM25497	FITTING, 90°	4	
46	EM25474	HOSE, HYDRAULIC SLAVE	1	
47	EM16459	PIN, WRIST	2	
48	EM505723	PIN, COTTER	4	
49	EM491701	FITTING, GREASE	2	
50	EM517126	LOCK WASHER INTERNAL	6	
51	EM513352	SEAL, SQUARE	1	

FUEL TANK ASSY.



NOTES

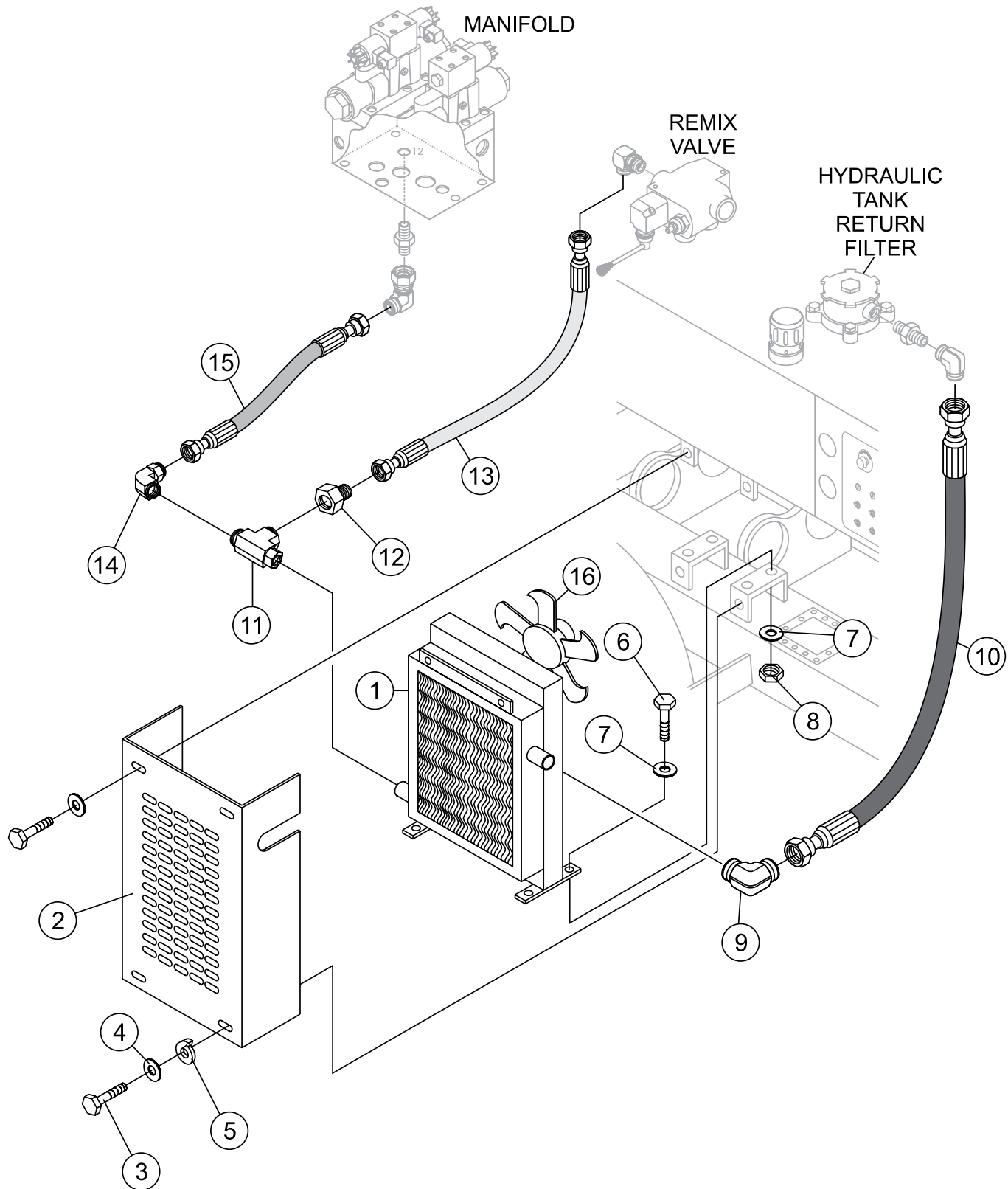
△ 1 CONNECT TO FILTER INLET HOSE
WATER SEPERATOR ASSY., NOTE 1

△ 2 CONNECT TO FILTER OUTLET HOSE
WATER SEPERATOR ASSY., NOTE 2

FUEL TANK ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514084	COVER, DIESEL TANK	4	
2	514080	GASKET	4	
3	492362	BOLT 5/16 X 5/8 IN.	28	
4	EM923343	WASHER, LOCK 5/16 IN.....	28.....	REPLACES P/N 492623
5	34507	CAP, FUEL W/GAUGE	1	
6	EM514559	ADAPTOR	1	
7	506208	CLAMP	5	
8	EM514536	HOSE, FUEL RETURN 5/16 IN.	A/R	
9	EM20426	ADAPTER	1	
10	EM514536	HOSE, FUEL FILTER 5/16 IN.	A/R	
11	EM20763	FILTER, FUEL	2	

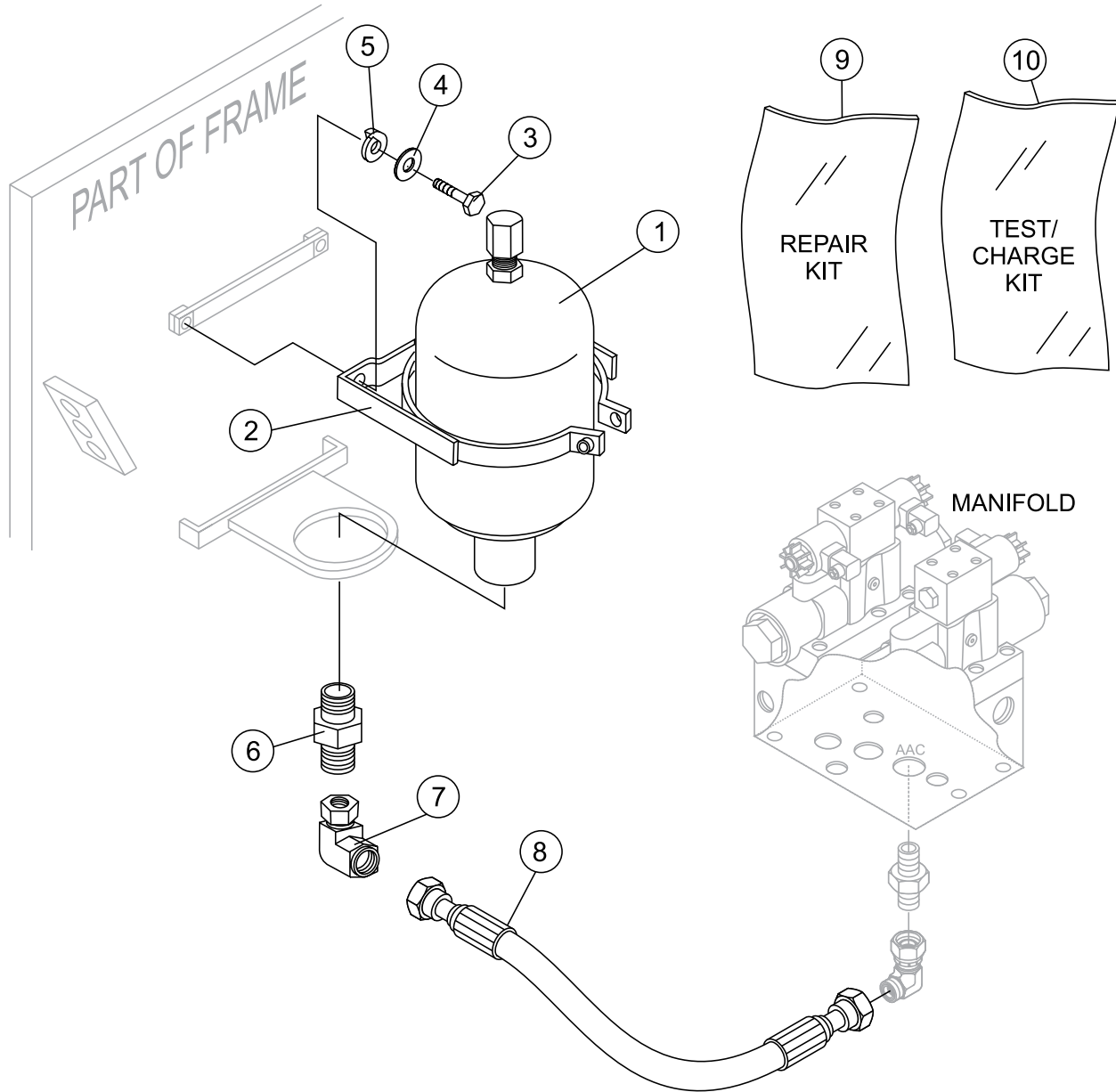
HEAT EXCHANGER ASSY.



HEAT EXCHANGER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM98118	HEAT EXCHANGER ASSEMBLY	1	
2	EM514175	COVER, HEAT EXCHANGER	1	
3	EM963610	BOLT 3/8 IN. X 1 IN.	4	REPLACES P/N 492375
4	3019092	O-RING 3/8 IN.	4	REPLACES P/N 492598
5	0166 A	WASHER, LOCK 3/8 IN.	4	REPLACES P/N 492624
6	0202	BOLT 5/16 X 1 IN.	4	REPLACES P/N 492364
7	EM923023	WASHER, FLAT 5/16 IN.	8	REPLACES P/N 492597
8	2105164	NUT 5/16 IN.	4	REPLACES P/N 492582
9	EM25497	ADAPTER	1	
10	EM514607	HOSE 4000 PSI	1	
11	EM25566	ADAPTER	1	
12	EM509345	ADAPTER	1	
13	EM514606	HOSE 2000 PSI	1	
14	EM509401	ADAPTER	1	
15	EM514604	HOSE, 2000 PSI	1	
16	EM98264	MOTOR AND FAN ASSEMBLY	1	

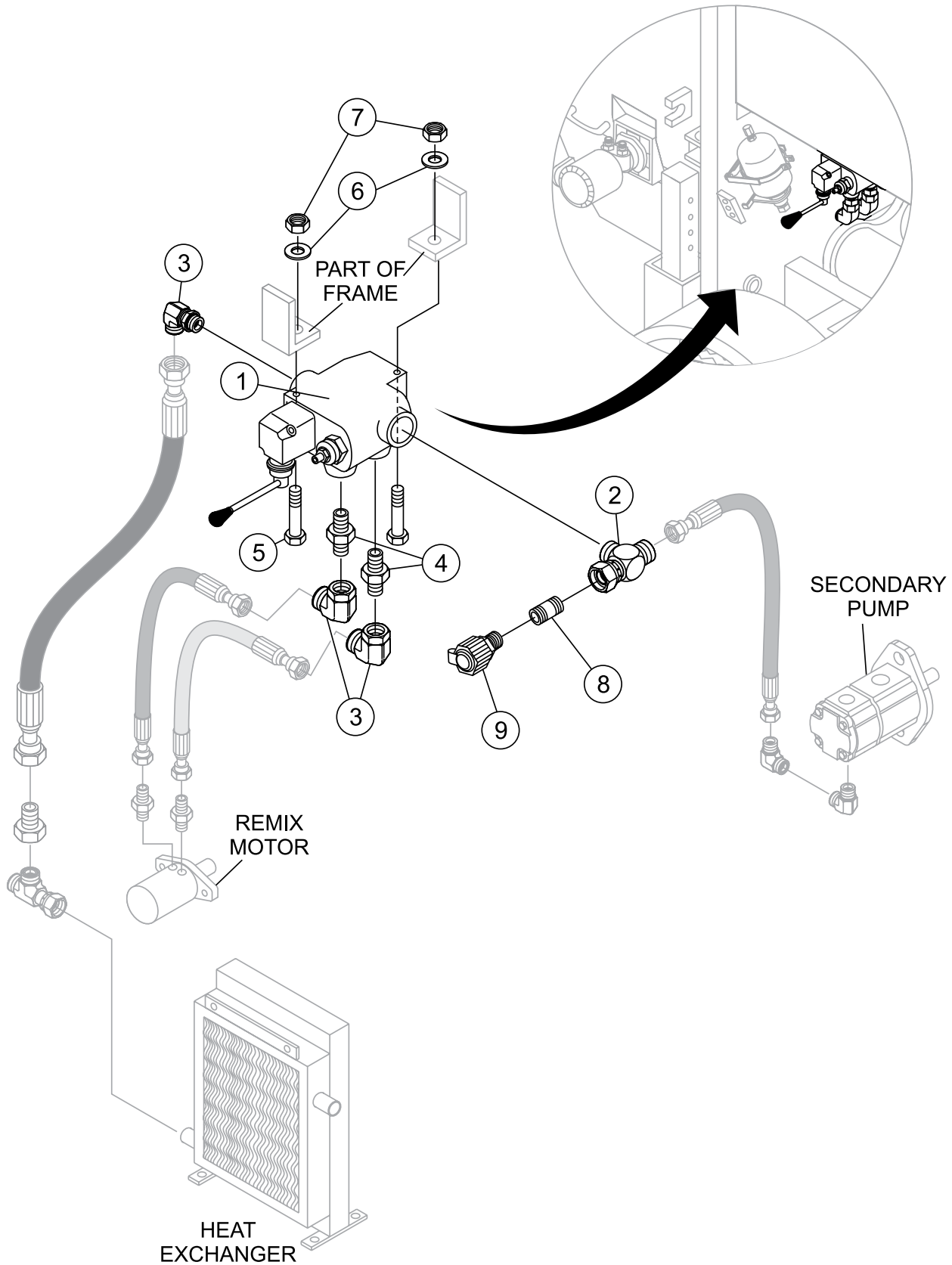
ACCUMULATOR ASSY.



ACCUMULATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM97015	ACCUMULATOR 1 GAL.	1	
2	EM97016	BRACKET, ACCUMULATOR	1	
3	EM9603055	BOLT, HHCS 3/8 IN. DIA.	2	
4	3019092	WASHER, FLAT 3/8 IN.	2	
5	0166 A	WASHER, LOCK 3/8 IN. DIA.	2	
6	EM509425	FITTING, STRAIGHT	1	
7	EM509353	FITTING, 90° ELBOW	1	
8	EM514603	HOSE, ACCUMULATOR	1	
9	EM98009	ACCUMULATOR REPAIR KIT	1	
10	EM98052	ACCUMULATOR TEST/CHARGE KIT	1	

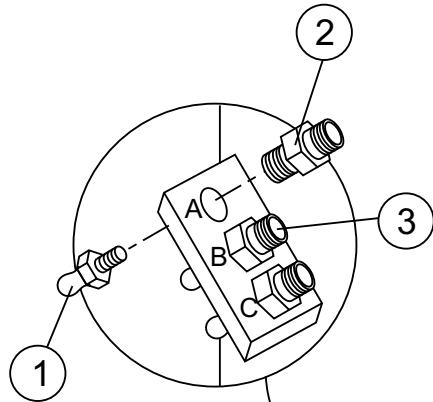
REMIXER CONTROL ASSY.



REMIXER CONTROL ASSY.

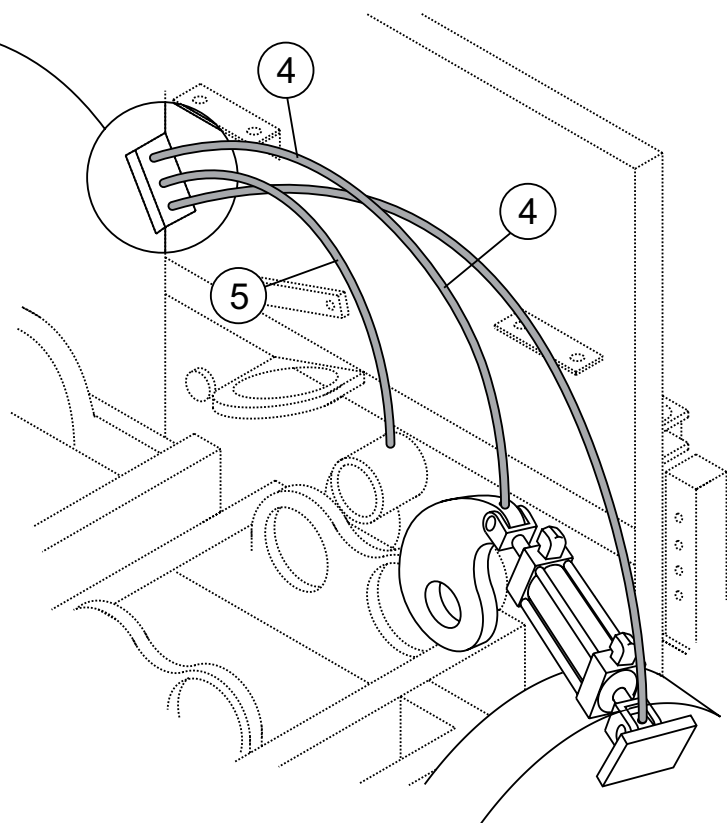
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM25495	VALVE REMIXER W/LEVER	1	
2	515384	ADAPTER FITTING, T	1	
3	506195	ADAPTER FITTING, 90° ELBOW	1	
4	EM25509	ADAPTER FITTING, STRAIGHT	2	
5	EM218	BOLT 5/16 X 2-1/2 IN.	2	
6	EM923343	WASHER, LOCK 5/16 IN.....	2	REPLACES P/N 492623
7	2105164	NUT, HEX 5/16 IN.	2	REPLACES P/N 492553
8	EM98015	COUPLING	1	
9	EM98014	TEST PORT	1	

LUBRICATION PANEL ASSY.



NOTICE

Grease daily, two or three shots of #2 multipurpose automotive grease. Over greasing any bearing will not damage the machine. **ALWAYS** grease **before and after** pump operation.

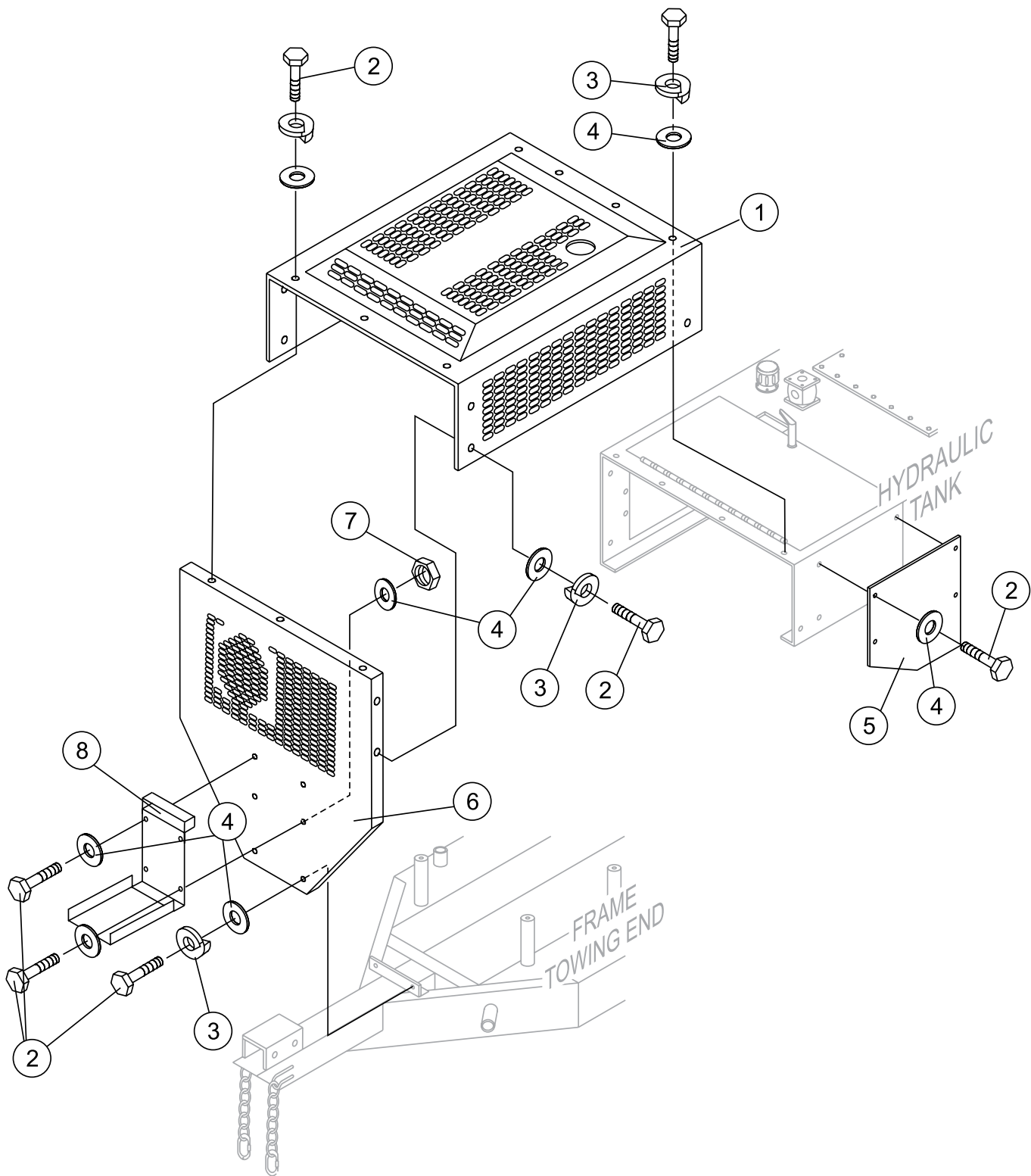


<u>POSITION</u>	<u>LOCATION</u>	<u>LENGTH OF LINES</u>
A.....	CLEVIS GREASE POINT	34 IN. (1.1 M)
B.....	SWING AXLE BUSHING GREASE POINT	26 IN. (.85 M)
C.....	PIVOT BRACKET GREASE POINT	41 IN. (1.5 M)

LUBRICATION PANEL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM491701	GREASE FITTING	3	
2	EM508812	CONNECTOR	2	
3	EM510684	CONNECTOR	3	
4	EM505516	HOSE, PLASTIC	A/R	
5	EM505516	HOSE, STEEL	1	

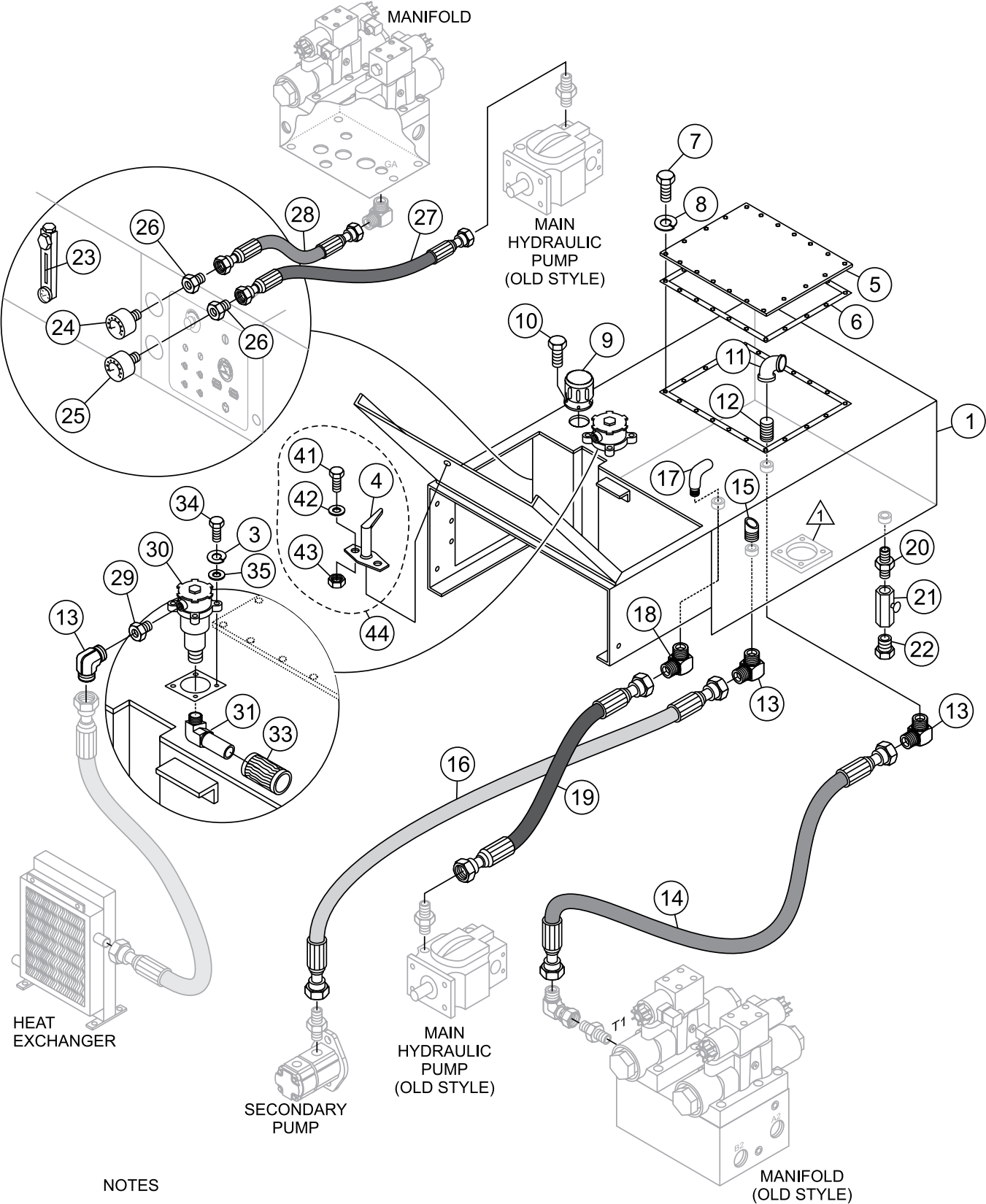
ENGINE COVER ASSY.



ENGINE COVER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM515132	COVER, TOP	1	
2	EM492356	BOLT 1/4 X 3/4 IN	18	
3	EM492622	WASHER, LOCK 1/4 IN.	18	
4	EM492596	WASHER, FLAT 1/4 IN.	18	
5	EM514889	PLATE, SIDE COVER	1	
6	EM510271	COVER, FRONT ENGINE	1	
7	EM492581	NUT, HEX 1/4 IN. NC	4	
8	29057	DOCUMENT BOX	1	

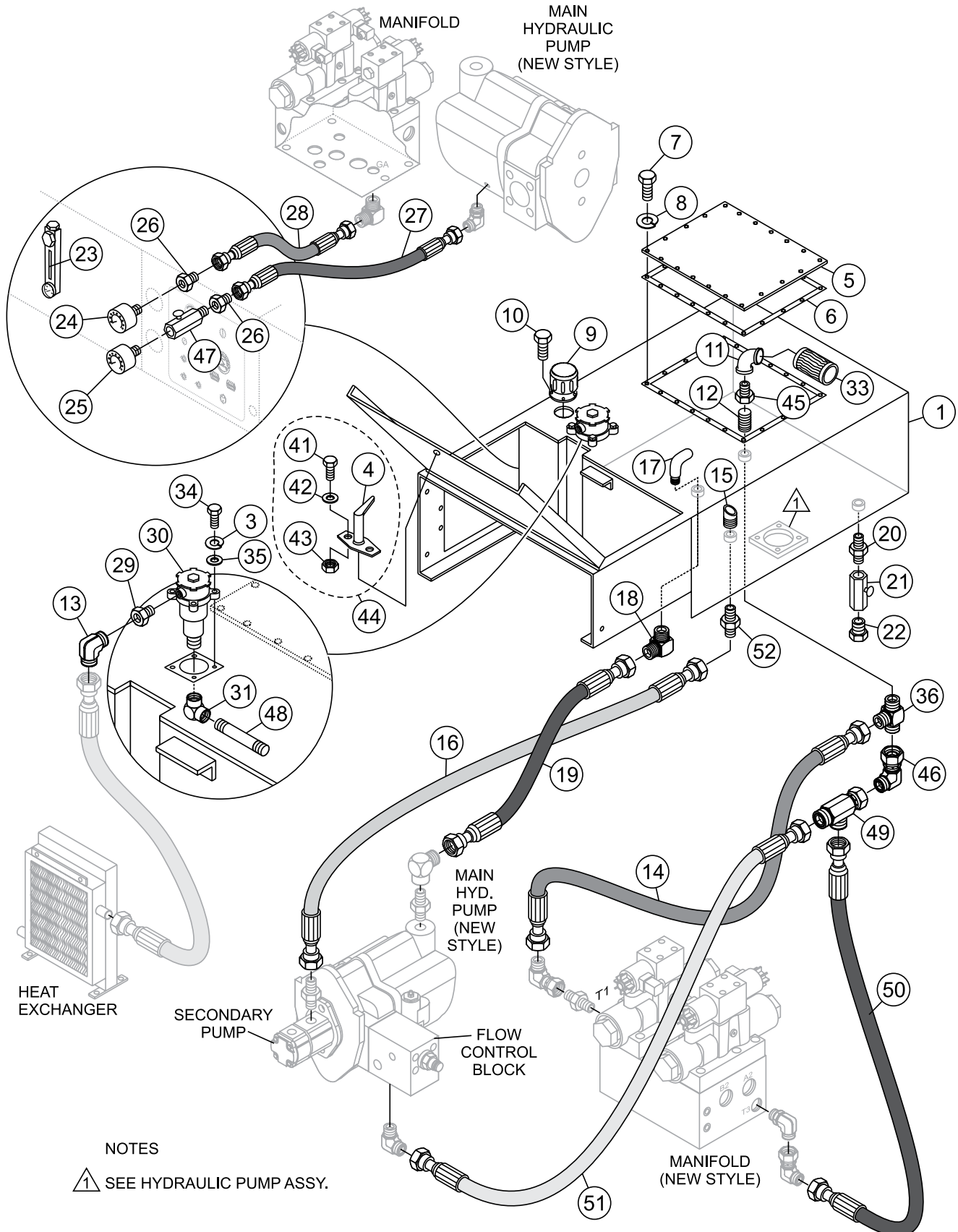
HYDRAULIC TANK ASSY. (OLD STYLE)



HYDRAULIC TANK ASSY. (OLD STYLE)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	514040	HYDRAULIC TANK, LS-S	1	
3	0166 A	LOCK, WASHER 3/8 IN.	4	REPLACES P/N 492624
4%	517295	HANDLE	1	
5	EM251191	TANK COVER PLATE	1	
6	EM25184	RESERVOIR GASKET	1	
7	492362	BOLT 5/16 X 5/8 IN.	20	
8	EM923343	WASHER, LOCK 5/16 IN.	20	REPLACES P/N 492623
9	EM98263P	CAP ASSEMBLY, OIL FILL	1	
10	492267	BOLT 3/16 X 5/8 IN.	6	
11	16433	TUBE	1	
12	EM491189	FITTING	1	
13	EM18436	90° MALE ADAPTER, 2103-16-16	3	
14	EM514605	HOSE	1	
15	EM514622	FITTING, 1 IN.	1	
16	EM514597	HOSE	1	
17	EM491164	ELBOW, 3/4 IN.	1	
18	EM491375	ADAPTER, 2103-12-08	1	
19	EM514598	HOSE (2000 PSI)	1	
20	EM509369	STRAIGHT MALE ADAPTOR, 0101-08-08	1	
21	491237	VALVE 1/2 IN.	1	
22	506094	CAP 1/2 IN.	1	
23	EM98188	GAUGE, LEVEL AND TEMP.	1	REPLACES P/N EM16478
24	EM97066	GAUGE 3000 PSI, ACCUMULATOR	1	
25	EM97067	GAUGE 5000 PSI, MAIN	1	
26	EM25523	ADAPTER	2	
27	EM509517	HOSE, 4000 PSI MAIN GAUGE	1	
28	EM514602	HOSE, 4000 PSI ACCUMULATOR GAUGE	1	
29	EM16517	STRAIGHT MALE ADAPTER, 0102-24-16	1	
30	EM98112	FILTER RETURN ASSEMBLY	1	
31		ELBOW 1-1/2, 11-1/2 IN. NPT	1	DISCONTINUED, SEE HYD. TANK ASSY. (NEW STYLE) ITEMS 31 AND 48
33	EM16513	DIFFUSER	1	
34	492376	BOLT, 3/8 X 1-1/4 IN.	4	
35	492598	WASHER, FLAT 3/8 IN.	4	
41%	TBD	BOLT	2	
42%	TBD	WASHER	2	
43%	TBD	NUT	2	
44	EM508659	HANDLE ASSEMBLY	1	INCLUDES ITEMS W/%

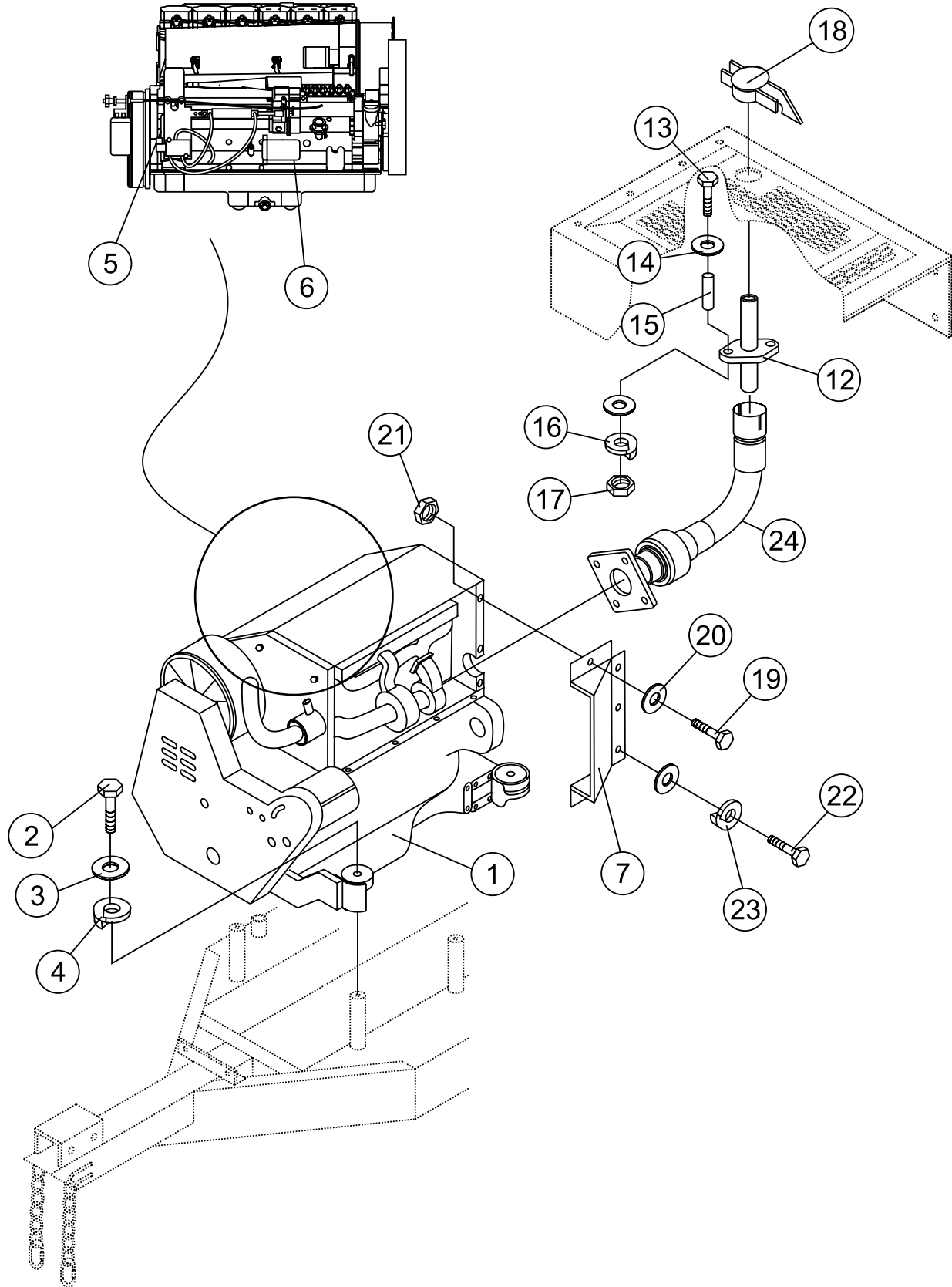
HYDRAULIC TANK ASSY. (NEW STYLE)



HYDRAULIC TANK ASSY. (NEW STYLE)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	514040	HYDRAULIC TANK, LS-S	1	
3	0166 A	LOCK, WASHER 3/8 IN.	4	REPLACES P/N 492624
4%	517295	LATCH	1	
5	EM251191	TANK COVER PLATE	1	
6	EM25184	RESERVOIR GASKET	1	
7	492362	BOLT 5/16 X 5/8 IN.	20	
8	EM923343	WASHER, LOCK 5/16 IN.	20	REPLACES P/N 492623
9	EM98263	CAP ASSEMBLY	1	
10	492267	BOLT 3/16 X 5/8 IN.	6	
11	16433	TUBE	1	
12	EM491189	FITTING	1	
13	EM18436	90° MALE ADAPTER, 2103-16-16	1	
14	EM514605	HOSE	1	
15	EM514622	FITTING 1 IN.	1	
16	EM514597	HOSE	1	
17	EM491164	ELBOW, 3/4 IN.	1	
18	509784	ADAPTER	1	
19	517002	HOSE	1	MAY 2006 AND ABOVE
20	EM509369	STRAIGHT MALE ADAPTER , 0101-08-08	1	
21	491237	VALVE 1/2 IN.	1	
22	506094	CAP 1/2 IN.	1	
23	EM98188	GAUGE, LEVEL AND TEMP.	1	REPLACES P/N EM16478
24	EM97066	GAUGE 3000 PSI, ACCUMULATOR	1	
25	EM97067	GAUGE 5000 PSI, MAIN	1	
26	EM25523	ADAPTER	2	
27	EM509517	HOSE, 4000 PSI MAIN GAUGE	1	
28	EM514602	HOSE, 4000 PSI ACCUMULATOR GAUGE	1	
29	EM16517	STRAIGHT MALE ADAPTER, 0102-24-16	1	
30	EM98112	RETURN FILTER ASSEMBLY	1	
31	516814	90° FITTING	1	MAY 2006 AND ABOVE
33	EM16513	DIFFUSER	1	
34	492376	BOLT 3/8 X 1-1/4 IN.	4	
35	492598	WASHER, FLAT 3/8 IN.	4	
36	509343	TEE FITTING	1	MAY 2006 AND ABOVE
41%	EM517129	BOLT	2	
42%	EM517130	WASHER	2	
43%	EM517131	NUT	2	
44	EM508659	HANDLE ASSEMBLY	1	INCLUDES ITEMS W/%
45	516813	BUSHING	1	MAY 2006 AND ABOVE
46	409401	ADAPTER, 3903-16-16	1	MAY 2006 AND ABOVE
47	EM16414	VALVE NEEDLE	1	MAY 2006 AND ABOVE
48	16516	NUT, JAM 1-5/6 NPT X 16	1	MAY 2006 AND ABOVE
49	509344	ADAPTER 063T-16-16	1	MAY 2006 AND ABOVE
50	514604	HOSE	1	MAY 2006 AND ABOVE
51	514604	HOSE	1	MAY 2006 AND ABOVE
52	517029	FITTING, STRAIGHT	1	MAY 2006 AND ABOVE

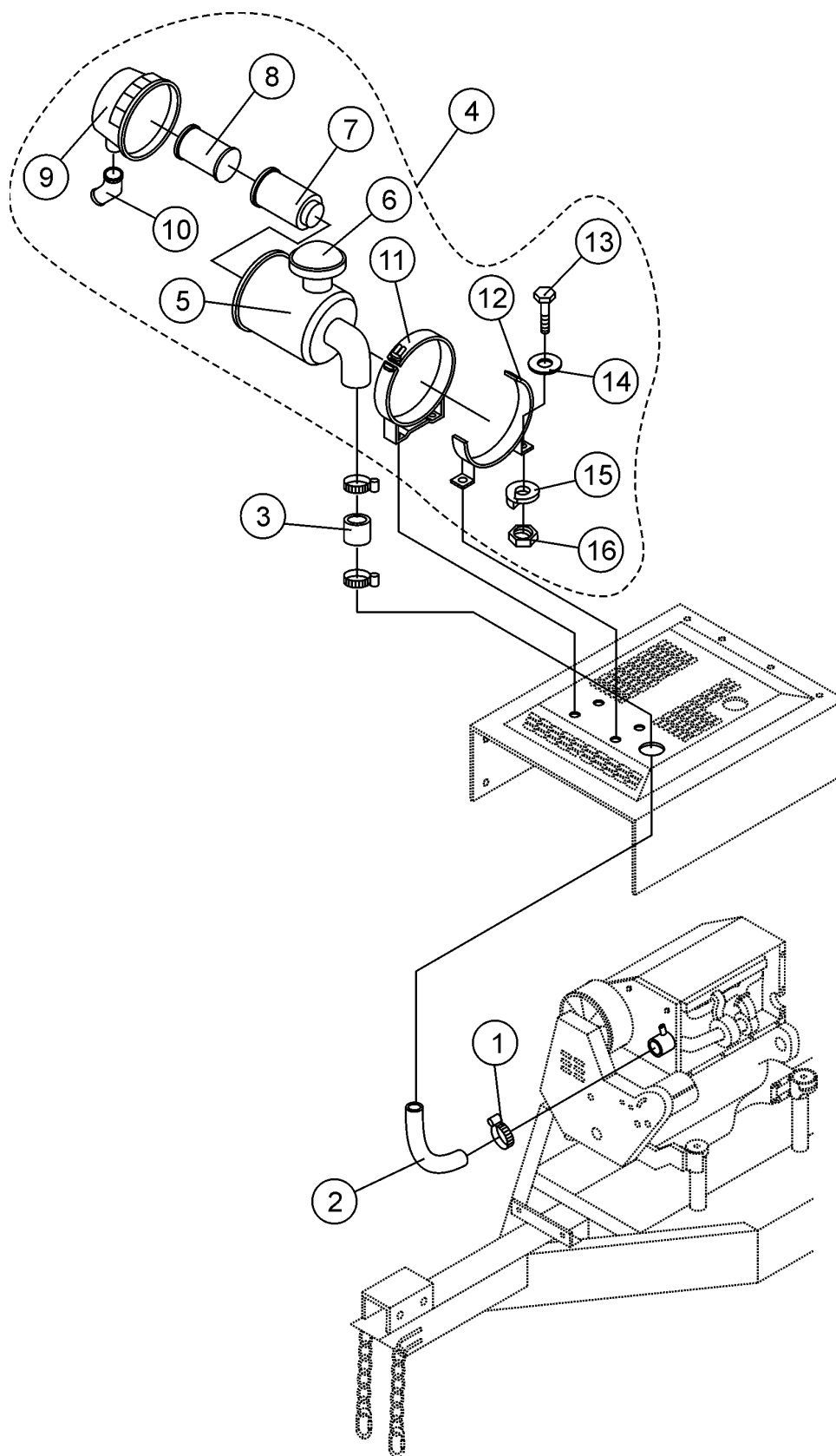
ENGINE ASSY.



ENGINE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM98197	ENGINE, DEUTZ TURBO 110 HP BF4L914	1	
2	492401	BOLT 1/2 IN.X 4 FT.	4	
3	6109170	WASHER, FLAT 1/2 IN.	4	REPLACES P/N 492600
4	6109180	WASHER, LOCK 1/2 IN.	4	REPLACES P/N 492626
5	01174416	FILTER, OIL (ENGINE)	1	
6	01174696	FILTER, FUEL (ENGINE)	1	
7	EM513776	DEFLECTOR	1	
12	EM514633	REDUCTION TUBE, EXHAUST	1	
13	492371	BOLT, 5/16 NC X 3 IN. G5	2	
14	EM923023	WASHER, FLAT 5/16 IN.	4	REPLACES P/N 492597
15	EM514714	SPACER, EXHAUST	2	
16	EM923343	WASHER, LOCK 5/16 IN.	2	REPLACES P/N 492623
17	2105164	HEX NUT 5/16 IN. G5.....	2	REPLACES P/N 492553
18	EM510897	CAP, EXHAUST 2-1/2 IN.	1	
19	0202	BOLT 5/16-18 X 1 IN. ZINC	2	REPLACES P/N 492364
20	EM923023	WASHER, FLAT 5/16 IN.	7	REPLACES P/N 492597
21	2105164	NUT, HEX 5/16 IN.	3	REPLACES P/N 492582
22	EM506886	BOLT M8 X 20 X 1-1/4 IN.	3	
23	EM923343	WASHER, LOCK 5/16 IN.	4	REPLACES P/N 492623
24	EM516435	PIPE EXHAUST ASSEMBLY	1	

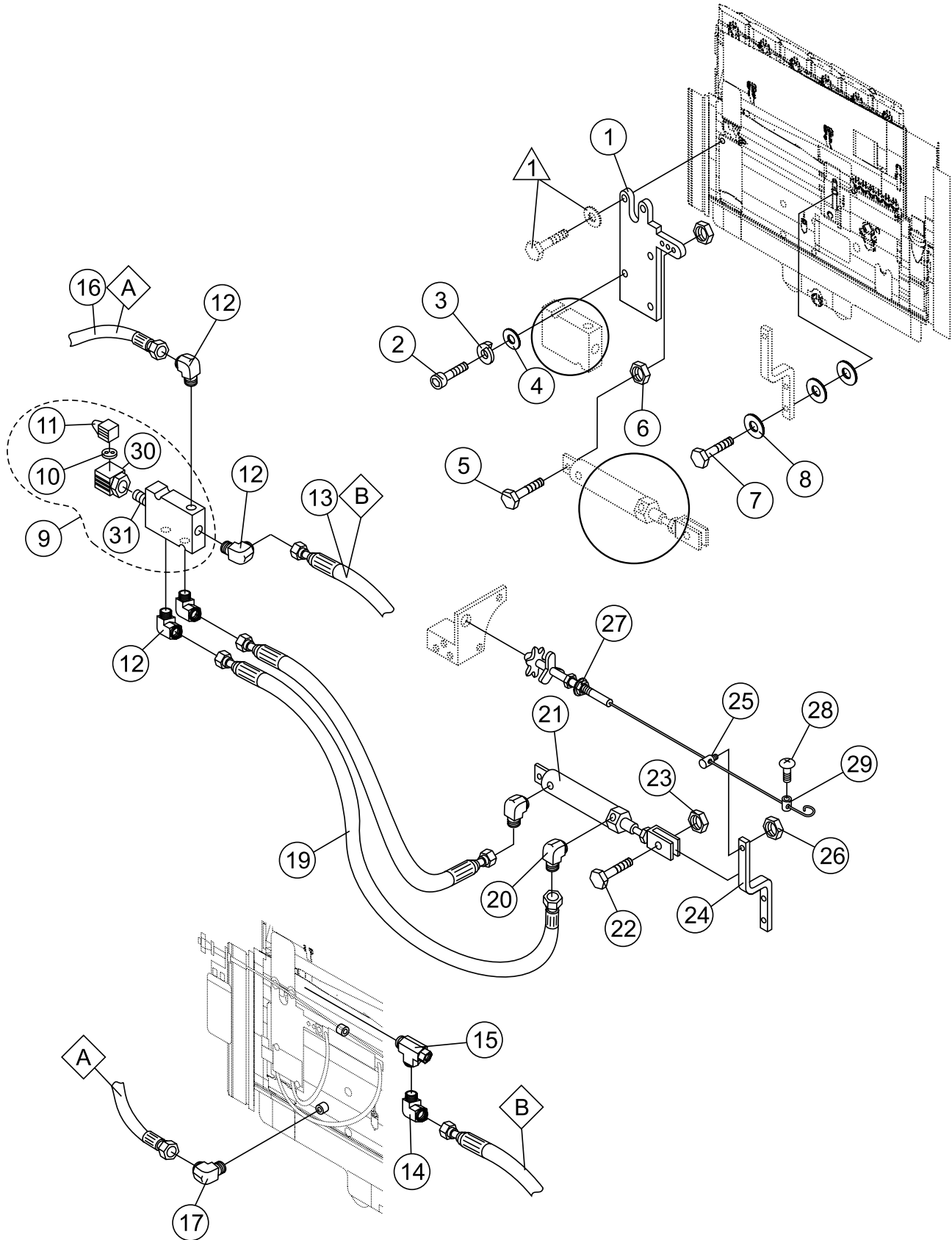
ENGINE AIR FILTER ASSY.



ENGINE AIR FILTER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM493108	CLAMP	3	
2	513227	AIR FILTER HOSE 3-1/2 IN.	.5	
3	EM514367	TUBE AIR FILTER UNION	1	
4	EM98093	AIR CLEANER ASSEMBLY	1	INCLUDES ITEMS W/*
5*		FILTER, AIR	1	NOT SOLD SEPARATELY
6*	EM98207	CAP, RAIN	1	
7*	EM98093P	ELEMENT, PRIMARY	1	
8*	EM98093S	ELEMENT, SECONDARY	1	
9*		HOOD, AIR CLEANER	1	NOT SOLD SEPARATELY
10*		DUST EJECTOR.....	1	NOT SOLD SEPARATELY
11*		ADJUSTABLE SUPPORT, AIR FILTER	1	NOT SOLD SEPARATELY
12*		SUPPORT, AIR FILTER	1	NOT SOLD SEPARATELY
13*	492357	BOLT, HEX HEAD 1/4 X 1 IN.	4	
14*	EM923057	WASHER, FLAT 1/4 IN.	8	REPLACES P/N 492596
15*	TBD	WASHER, LOCK 1/4 IN.	4	
16*	492581	NUT, HEX 1/4 IN.	4	

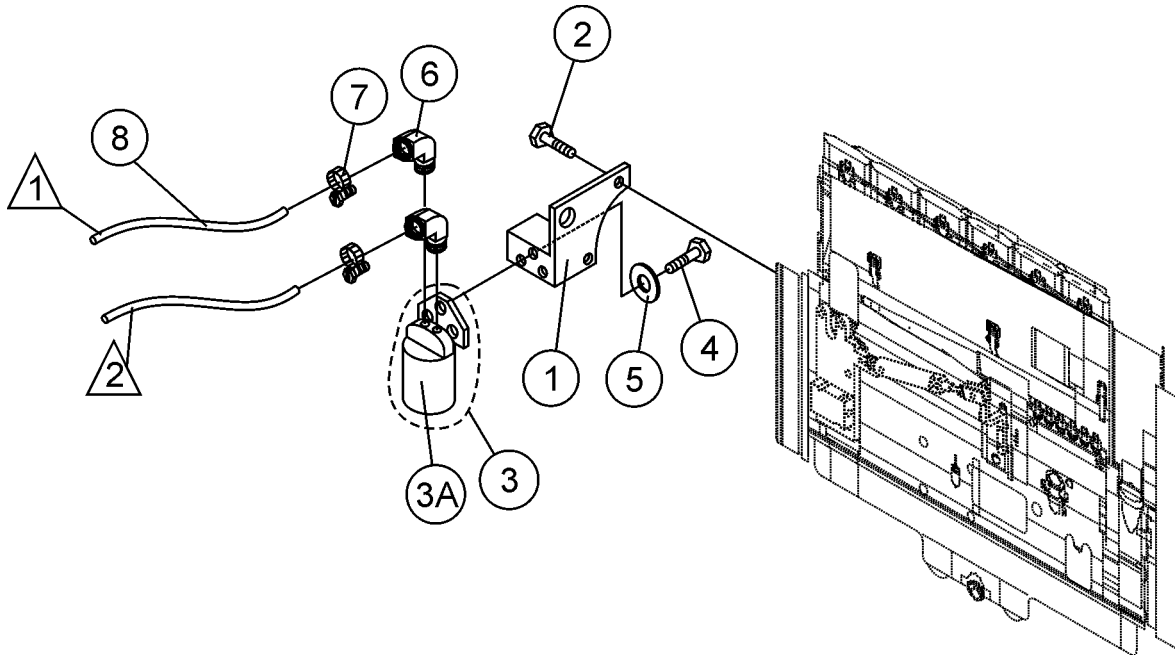
THROTTLE ASSY.



THROTTLE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM512837	SUPPORT BASE, ACCELERATOR	1	
2	EM492358	BOLT 1/4 X 1-1/4 IN	2	
3	2101402	WASHER 1/4 IN.....	2.....	REPLACES P/N 492622
4	EM923057	LOCK WASHER 1/4 IN.....	2.....	REPLACES P/N 492596
5	EM512185	BOLT 1/4 X 1-3/4 IN.	1	
6	492581	NUT, HEX 1/4 IN.	2	
7	EM506599	BOLT M6 X 15	2	
8	492622	WASHER, FLAT 1/4 IN	4	
9	EM98168	THROTTLE BLOCK ASSEMBLY	1.....	INCLUDES ITEMS W/*
10*	EM98167	SEAL CONNECTOR	1	
11*	EM98166	CONNECTOR, DIN PG9	1	
12	EM25429	ELBOW ADAPTER 90° MALE	4	
13	EM509937	HOSE, HYDRAULIC COMPENSATOR	1	
14	EM25577	ELBOW ADAPTER IN. T IN.	1	
15	EM50449	ELBOW ADAPTER 90° MALE	2	
19	EM509366	HOSE 13.75 IN. LONG	2	
20	EM50449	ELBOW ADAPTER 90° MALE	2	
21	EMCC700	HYDRAULIC CYLINDER	1	
22	492357	BOLT 1/4 IN. X 1 IN.	1	
23	492581	NUT 1/4 IN.	1	
24	515822	BRACKET, ACCELERATOR	1	
25	513213	THROTTLE CABLE GUIDE	1	
26	2101428	HEX NUT 1/4-20 IN.	1	
27	510229	CABLE CONTROL ACCELERATOR	1	
28	EM491089	BOLT 8 X 1/4 IN.	1	
29	EM501102	SLEEVE, THROTTLE	1	
30	EM98228	COIL, 12V	1	
31	EM98232	CARTRIDGE, VALVE	1	

WATER SEPARATOR ASSY.



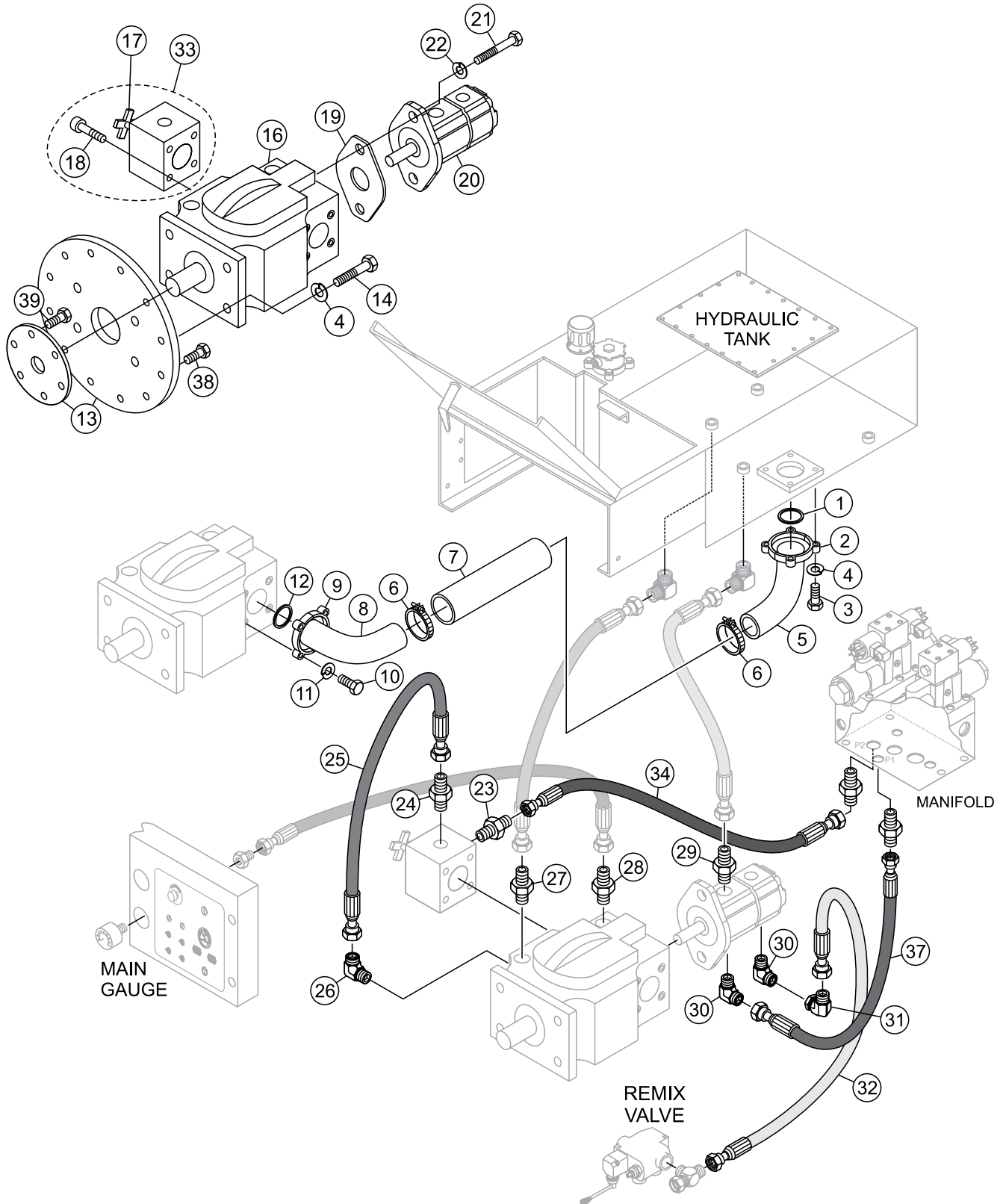
NOTES

-  CONNECT TO FUEL FILTER
FUEL TANK ASSY., ITEM 11
-  CONNECT TO FUEL RETURN HOSE
FUEL TANK ASSY., ITEM 8

WATER SEPARATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM509449	BRACKET, WATER SEPERATOR	1	
2	EM492356	BOLT	2	
3	EM16747	WATER SEPERATOR ASSEMBLY	1	
3A	EM167472	CARTRIDGE, WATER SEPERATOR	1.....	REPLACES P/N P53712
4	EM492356	BOLT 5/16 X 1 IN.	3	
5	2105164	HEX NUT 5/16 IN.....	3.....	REPLACES P/N 492582
6	C514559	ELBOW ADAPTER 90° MALE	2	
7	EM506208	CLAMP, HOSE	2	
8	EM514536	HOSE 5/16 IN.	TBD	

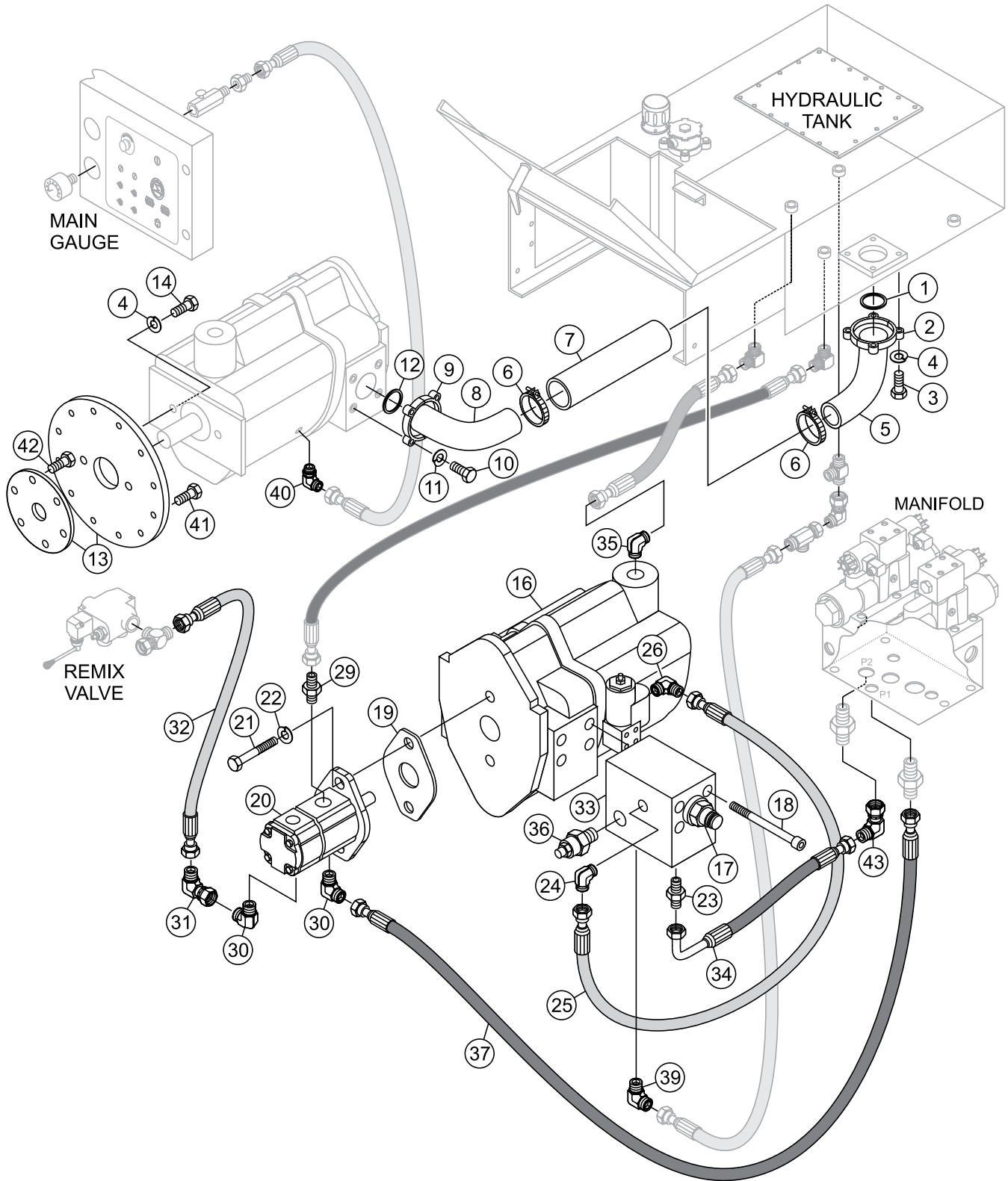
HYDRAULIC PUMP ASSY. (OLD STYLE)



HYDRAULIC PUMP ASSY. (OLD STYLE)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1*		O-RING	1	
2	EM514719	FLANGE, SUCTION PIPE	2	INCLUDES ITEM W/*
3	EM492455	BOLT 1/2 X 1-1/2 IN.....	4	MAY 2007 AND BELOW
4	6109180	WASHER, LOCK 1/2 IN.....	8	REPLACES P/N 492626
5	EM514718	SUCTION PIPE ADAPTER, 40 SPECIAL	1	
6	EM26473	CLAMP TYPE "J" 3 IN.	4	MAY 2007 AND BELOW
7	EM514623	HOSE, SUCTION 2 IN.	1	
8	EM514627	ADAPTER, SUCTION PIPE 32	1	
9	EM514628	FLANGE, SUCTION PIPE	1	INCLUDES ITEMS W/%
10	EM510902	BOLT 1/2 X 1-1/2 IN.	4	
11	6109180	WASHER, LOCK 1/2 IN.....	4	REPLACES P/N 492626
12%		O-RING	1	
13	EM98176	COUPLER, ENGINE ASSEMBLY	1	MAY 2007 AND BELOW
14	EM510902	BOLT 1/2 X 1-1/2 IN.	4	
16	EM98154	PUMP, MAIN 100CC, PARKER P2-105 SERIES	1	
17	EM98209	VALVE CARTRIDGE	1	
18	EM506953	BOLT 7/16 X 3 IN.	4	
19	EM16190	GASKET	1	
20	EM98107	PUMP, SECONDARY	1	
21	EM963610	BOLT 3/8 X 1 IN.....	2	REPLACES P/N 492375
22	0166 A	WASHER, LOCK 3/8 IN.....	2	REPLACES P/N 492624
23	EM25462	STRAIGHT ADAPTER	1	MAY 2007 AND BELOW
24	EM25511	ADAPTER	1	MAY 2007 AND BELOW
25	EM514599	HOSE, 4000 PSI SENSOR.....	1	MAY 2007 AND BELOW
26	EM25506	ELBOW ADAPTER	1	MAY 2007 AND BELOW
27	EM16525	STRAIGHT ADAPTER	1	MAY 2007 AND BELOW
28	TBD	STRAIGHT ADAPTER	1	MAY 2007 AND BELOW
29	EM25498	STRAIGHT ADAPTER	1	
30	EM16524	ELBOW ADAPTER 90° MALE	2	
31	506195	ELBOW ADAPTER 90° FEMALE	1	MAY 2007 AND BELOW
32	EM514601	HOSE 2000 PSI, REMIX VALVE	1	
33		FLOW CONTROL ASSEMBLY	1	SEE HYD. PUMP ASSY. (NEW STYLE) ITEM 33
34	EM514614	HOSE, MAIN MANIFOLD	1	MAY 2007 AND BELOW
37	EM514608	HOSE	1	
38	54812	SCREW ALLEN HEAD CAP	10	REPLACES P/N EM162
39	EM506611	BOLT	8	

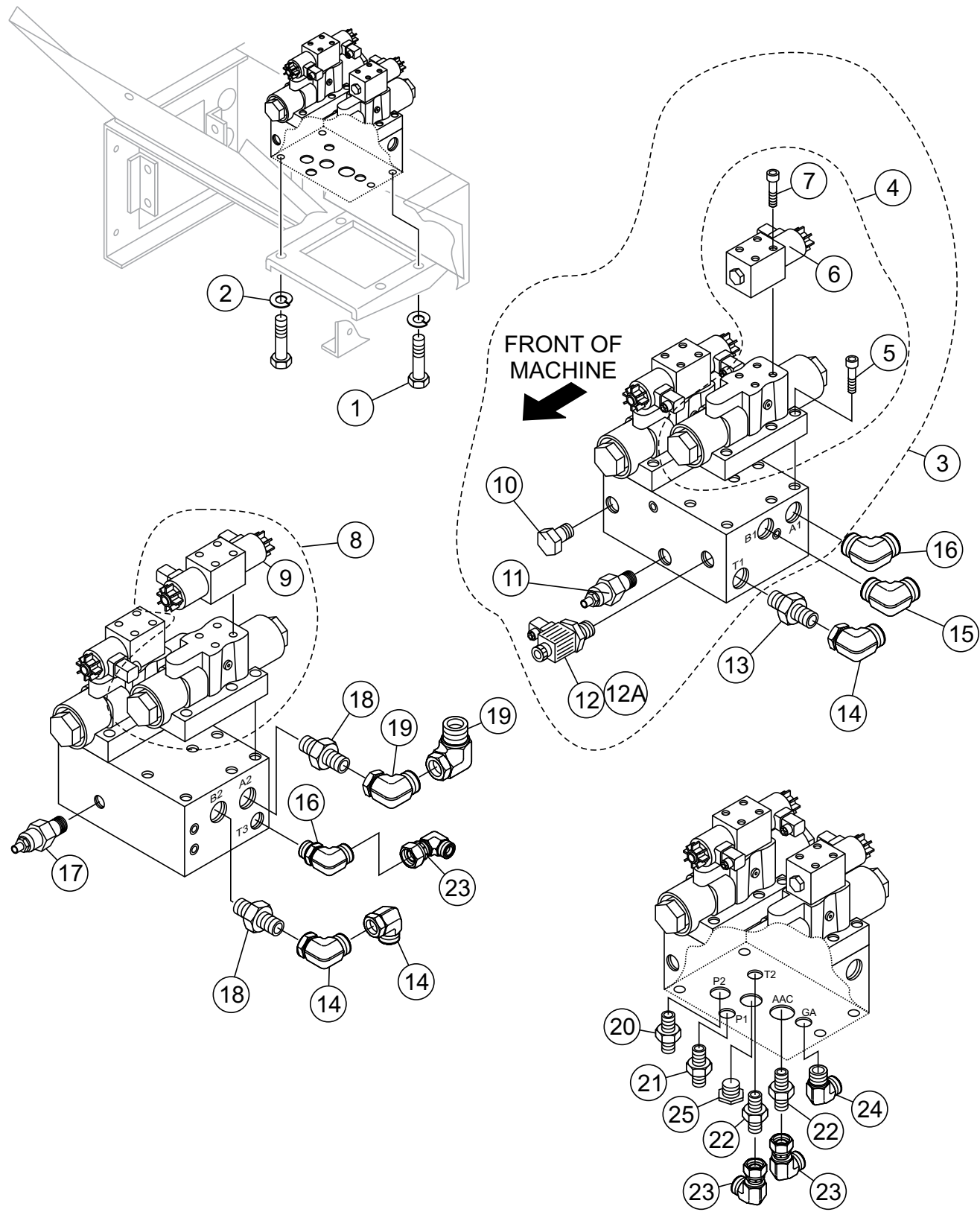
HYDRAULIC PUMP ASSY. (NEW STYLE)



HYDRAULIC PUMP ASSY. (NEW STYLE)

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1*	TBD	O-RING	1	
2	EM514719	FLANGE, SUCTION PIPE	2	INCLUDES ITEM W/*
3	EM492444	BOLT 1/2 X 1-1/4 IN.	4	JUNE 2007 AND ABOVE
4	6109180	WASHER, LOCK 1/2 IN.	6	REPLACES P/N 492626
5	EM514718	SUCTION PIPE ADAPTER, 40 SPECIAL	1	
6	EM515207	CLAMP 2 IN.	2	JUNE 2007 AND ABOVE
7	EM514623	HOSE, SUCTION 2 IN.	1	
8	EM514627	ADAPTER, SUCTION PIPE 32	1	
9	EM514628	FLANGE, SUCTION PIPE	1	INCLUDES ITEMS W/%
10	EM510902	BOLT 1/2 X 1-1/2 IN.	4	
11	6109180	WASHER, LOCK 1/2 IN.	4	REPLACES P/N 492626
12%		O-RING	1	
13	EM516777	COUPLER, ENGINE ASSEMBLY	1	JUNE 2007 AND ABOVE
14	EM510902	BOLT 1/2 X 1-1/2 IN.	2	
16	EM98257	PUMP, MAIN 100CC, PARKER P1-100 SERIES.....	1	JUNE 2007 AND ABOVE
17	TBD	VALVE CARTRIDGE	1	
18\$	511428	SCREW, ALLEN HEAD 1/2-13 X 3 IN.	4	
19	EM16190	GASKET	1	
20	EM98107	PUMP, SECONDARY	1	
21	EM963610	BOLT 3/8 X 1 IN.	2	REPLACES P/N 492375
22	0166 A	WASHER, LOCK 3/8 IN.	2	REPLACES P/N 492624
23	EM509796	STRAIGHT ADAPTER	1	JUNE 2007 AND ABOVE
24	EM25429	ELBOW ADAPTER	1	JUNE 2007 AND ABOVE
25	516875	HOSE, 4000 PSI SENSOR.....	1	JUNE 2007 AND ABOVE
26	EM25429	ELBOW ADAPTER	1	JUNE 2007 AND ABOVE
29	EM25498	STRAIGHT ADAPTER	1	
30	EM16524	ELBOW ADAPTER 90° MALE	2	
31	506200	ELBOW ADAPTER	1	JUNE 2007 AND ABOVE
32	EM514601	HOSE 2000 PSI, REMIX VALVE	1	
33	EM98165A	FLOW CONTROL MANIFOLD ASSEMBLY	1	INCLUDES ITEMS W/\$ JUNE 2007 AND ABOVE
34	EM517032	HOSE, MAIN MANIFOLD	1	JUNE 2007 AND ABOVE
35	EM25459	ELBOW	1	JUNE 2007 AND ABOVE
36\$	TBD	VALVE, MAIN RELIEF	1	JUNE 2007 AND ABOVE
37	EM514608	HOSE	1	
39	EM25459	ELBOW	1	JUNE 2007 AND ABOVE
40	EM25429	ELBOW ADAPTER	1	JUNE 2007 AND ABOVE
41	54812	SCREW, ALLEN HEAD CAP	10	REPLACES P/N EM162
42	EM506611	BOLT	8	
43	EM517149	FITTING 90°	1	JUNE 2007 AND ABOVE

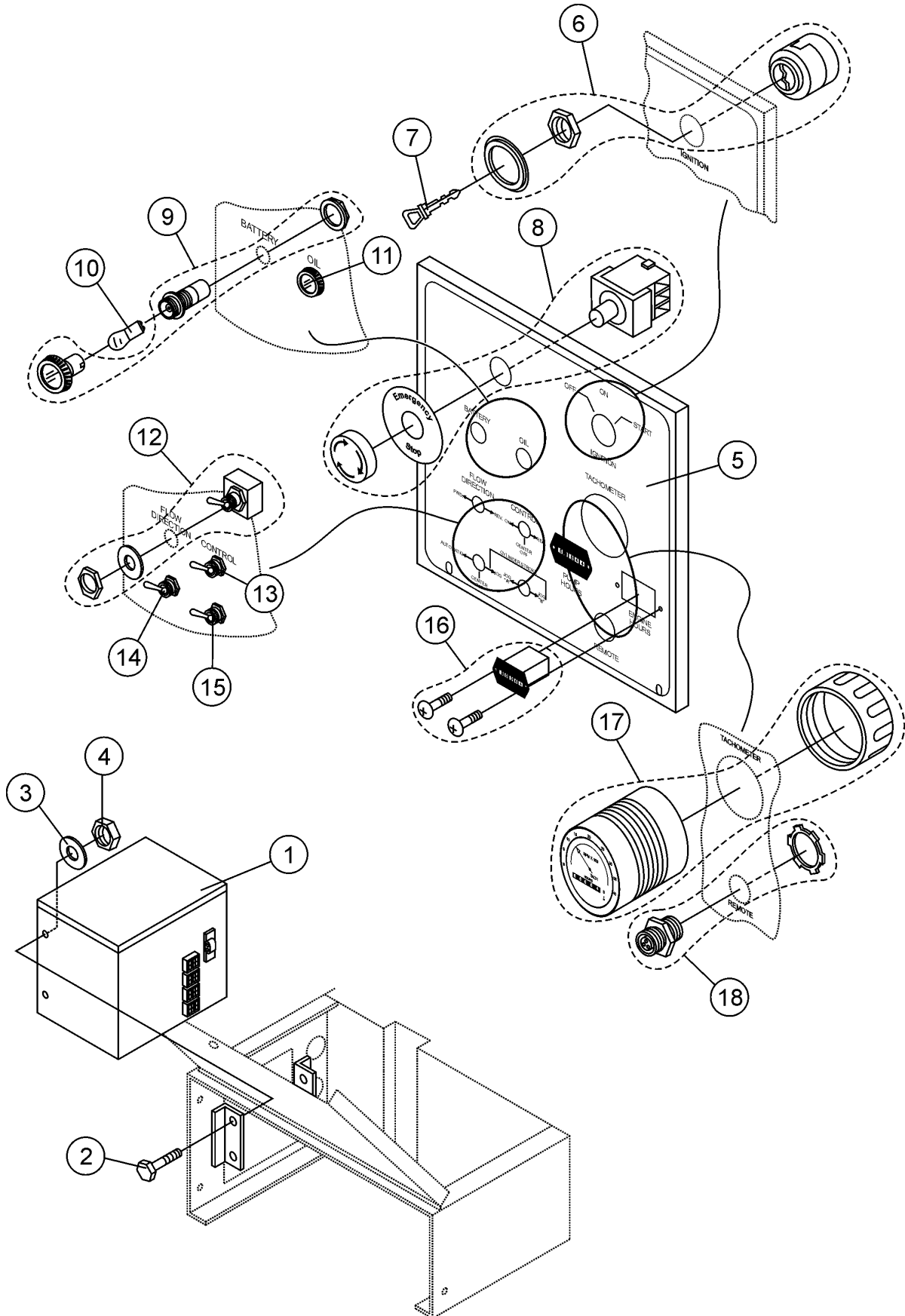
MANIFOLD ASSY.



MANIFOLD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM963102	BOLT 1/2 X 1-1/4 IN.....	4.....	REPLACES P/N 492393
2	6109180	WASHER, LOCK 1/2 IN.	4.....	REPLACES P/N 492626
3	EM98261	MANIFOLD ASSEMBLY COMPLETE.....	1.....	REPLACES P/N EM98109
4%	EM98220	CYCLING VALVE ASSY., SWING	1	INCLUDES ITEMS W/#
5%#	EMBK227	BOLT, ALLEN HEAD 1/2" X 2-1/4" SHCS	12	
6%#	EM98223	PILOT VALVE, SHUTTLE	1	
7%#	EMK2097	BOLT, SHCS 1/2" X 1-1/4"	8	
8%	EM98221	CYCLING VALVE ASSEMBLY, MAIN	1.....	INCLUDES ITEM W/&
9%&	EM98222	PILOT VALVE, MAIN CYLINDER	1	
10%	TBD	CHECK VALVE	1	
11%	EM98224	MAIN RELIEF VALVE	1.....	DISCONTINUED MAY 2007
12%	EM98228	COIL, 12VDC ACCUMULATOR	1	
12A%	EM98229	ACCUMULATOR UNLOADER CARTRIDGE ASSY.	1	
13	EM25498	ADAPTER	1	
14	EM509401	ADAPTER	3	
15	EM514488	ADAPTER	1	
16	EM25459	ADAPTER	2	
17	EM98226	UNLOADING RELIEF VALVE, SHUTTLE	1	
18	EM514231	ADAPTER	2	
19	EM14489	ADAPTER.....	3.....	MAY 2007 AND BELOW
19	EM514489	ADAPTER.....	2.....	JUNE 2007 AND ABOVE
20	EM509796	ADAPTER	1	
21	506193	ADAPTER	1	
22	EM25462	ADAPTER	2	
23	EM509353	ADAPTER	3	
24	EM25429	ADAPTER	1	
25	TBD	CHECK VALVE	1	

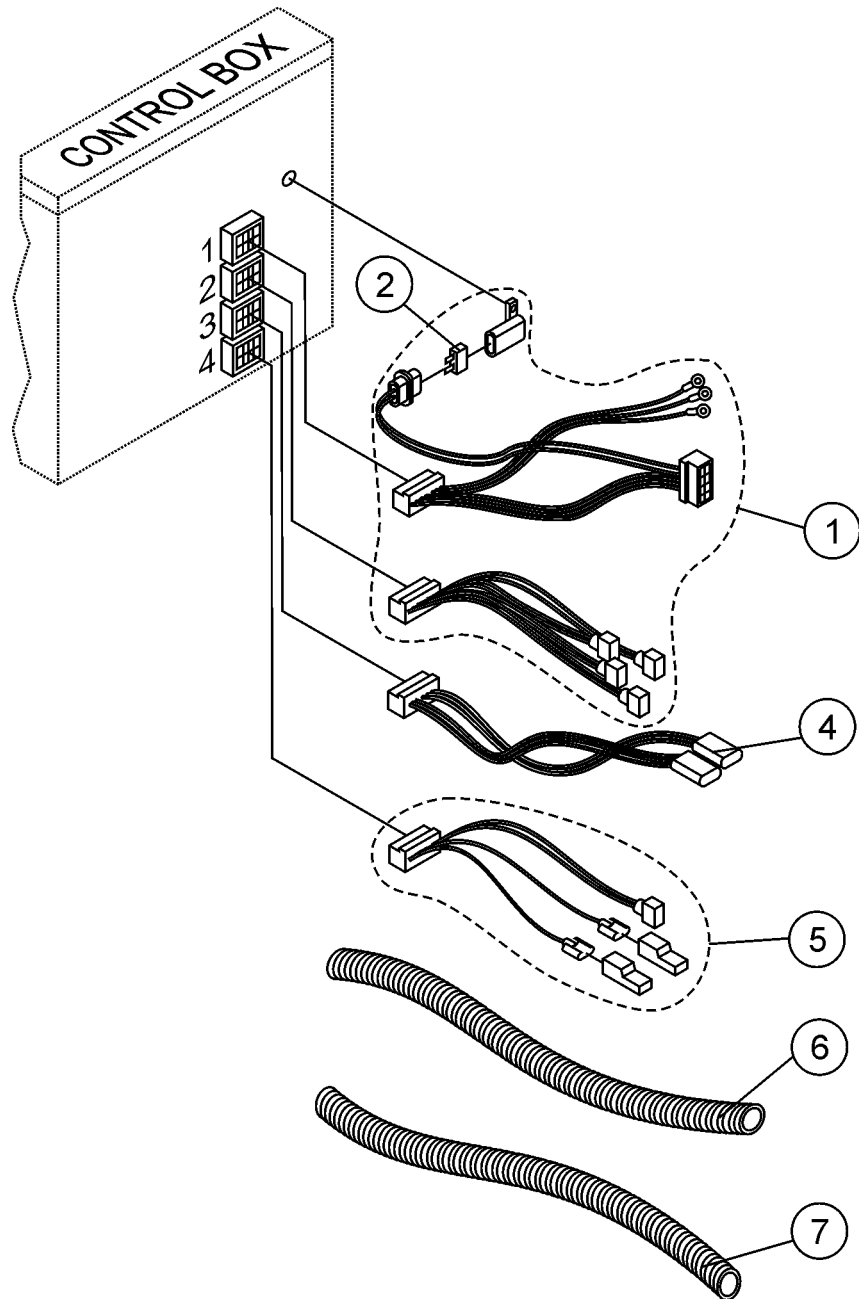
CONTROL BOX ASSY.



CONTROL BOX ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM9812560	CONTROL BOX ASSEMBLY	1	
2	492364	BOLT 5/16 X 1 IN.	4	
3	492597	WASHER, FLAT 5/16 IN.	4	
4	492582	NUT 5/16 IN.	4	
5	EM98171	OVERLAY, CONTROL PANEL	1	
6	EM98206	IGNITION SWITCH ASSEMBLY	1	
7	EM98206K	KEY, IGNITION	1	
8	EM98208	EMERGENCY STOP SWITCH ASSEMBLY	1	
9	01180384	BATTERY LIGHT ASSEMBLY	1	
10	51908	BULB, LIGHT	1	
11	01180382	OIL LIGHT ASSEMBLY	1	
12	EM98120	FLOW DIRECTION SWITCH ASSEMBLY	1	
13	EM98119	MAIN CONTROL SWITCH ASSEMBLY	1	
14	EM98121	AUTO/JOG SWITCH ASSEMBLY	1	
15	EM98122	JOG A/B SWITCH ASSEMBLY	1	
16	EM97062	HOUR METER ASSEMBLY	2	
17	EM98124	TACHOMETER ASSEMBLY	1	
18	EM97068	RECEPTACLE, REMOTE	1	

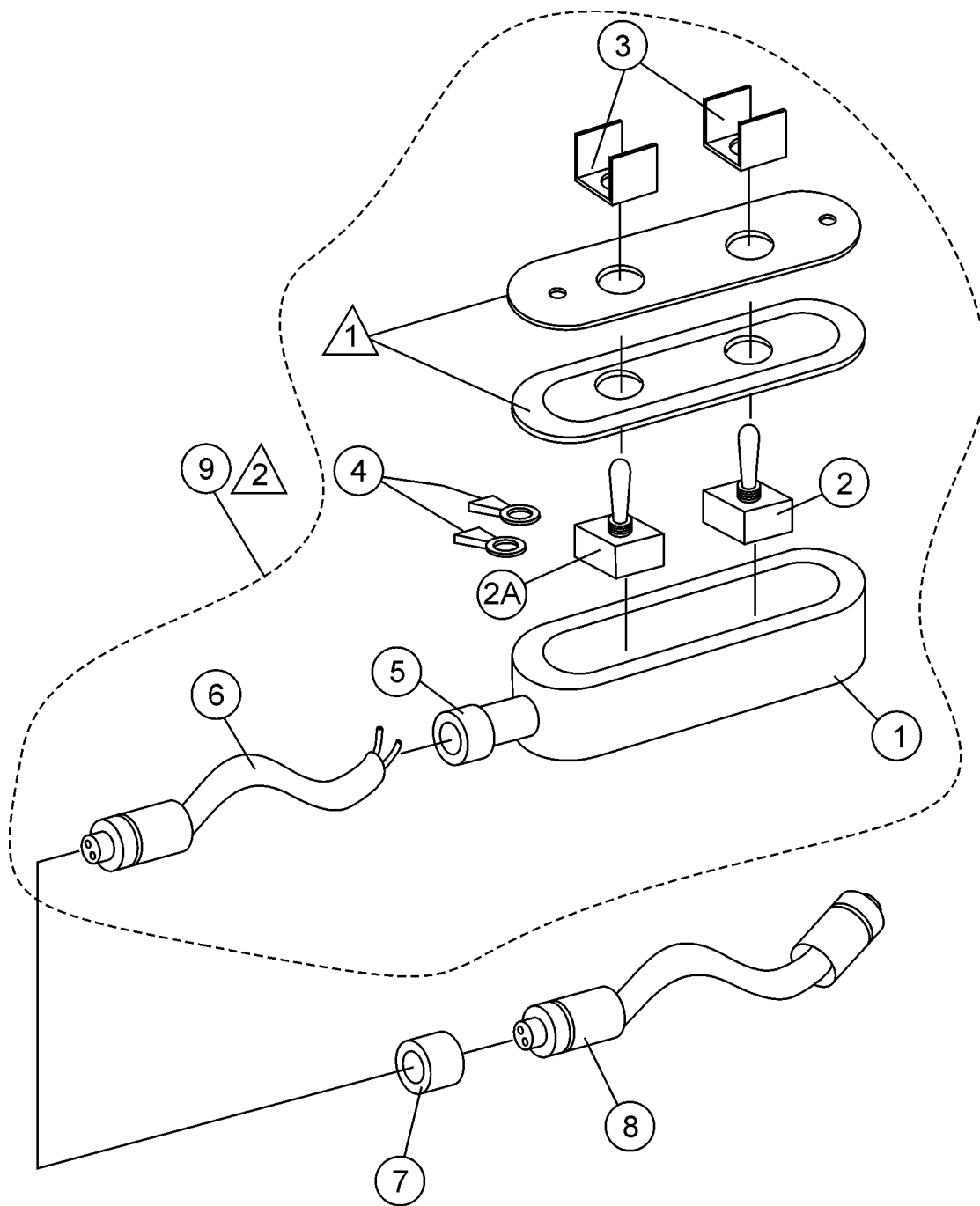
CONTROL BOX HARNESSES ASSY.



CONTROL BOX HARNESSES ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM514639	WIRE HARNESS 1	1	
2	344102000	FUSE, 30 AMP	1	
4	EM514637	WIRE HARNESS 3	1	
5	EM514638	WIRE HARNESS 4	1	
6	509588	POLY FLEX TUBE 1/2 IN. BLACK	AR	
7	16716	CONDUCTIVE DIVIDER 3/8 IN.	AR	

REMOTE CONTROL CABLE ASSY.



NOTES:

-  INCLUDED WITH ITEM 1.
-  COMPLETE CORD ASSY.
INCLUDES ITEMS
WITHIN DASHED LINE.

REMOTE CONTROL CABLE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1*	EM16753	JUNCTION BOX	1	
2*	EM16754	SWITCH	1	
2A*	EM97075	SWITCH	1	
3*	EM491897	CONNECTOR, RING 3/16 IN.	4	
4*	EM16756	GUARD SWITCH-ALUMINUM	2	
5*	EM26791	SEAL, GRIP CORD	1	
6*	EM26790	CORD, MX P/E 25 FT.	1	
7	EM26793	ADAPTER, CORD GRIP 1/2 IN.	1	
8	EM97065	ADAPTER, CORD 100 FT.	1	
9	EM97099	COMPLETE CORD ASSEMBLY 25 FT.....	1.....	INCLUDES ITEMS W/*

PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
NUMBER ON-HAND WHEN CALLING

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WEBSITE: www.multiquip.com

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Multiquip

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Multiquip (UK) Limited Head Office

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