PARTS MANUAL

MULTIQUIP®

MULTIQUIP WHITEMAN

MODEL
WBH-21EFP
POWER BUGGY
(B&S VANGUARD 18 HP PROPANE DRIVEN ELECTRIC START)

Revision #8 (11/10/26)

To find the latest revision of this publication or associated operation manual, visit our website at:
www.multiquip.com

WBH-21EFP
Power Buggy

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NOTICE

Specifications and part numbers are subject to change without notice.

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.

WBH-21EFP POWER BUGGY

1 to 3 units

Qty.	P/N	Description
1	508667	FILTER, HYDRAULIC OIL
2	512881	BRAKE BAND ASSY.
1	18145	ROD, BRAKE CONTROL
1	520820	CAP, FUEL (EPA)
5	845125	FILTER, IN-LINE FUEL
1	18131	SWITCH, KILL
1	18133	CABLE, THROTTLE
1	18132	LEVER ,THROTTLE
1	18029F	WHEEL, DRIVE, FOAM
1	18049F	WHEEL, STEERING, FOAM
1	18016	CABLE, PARKING BRAKE

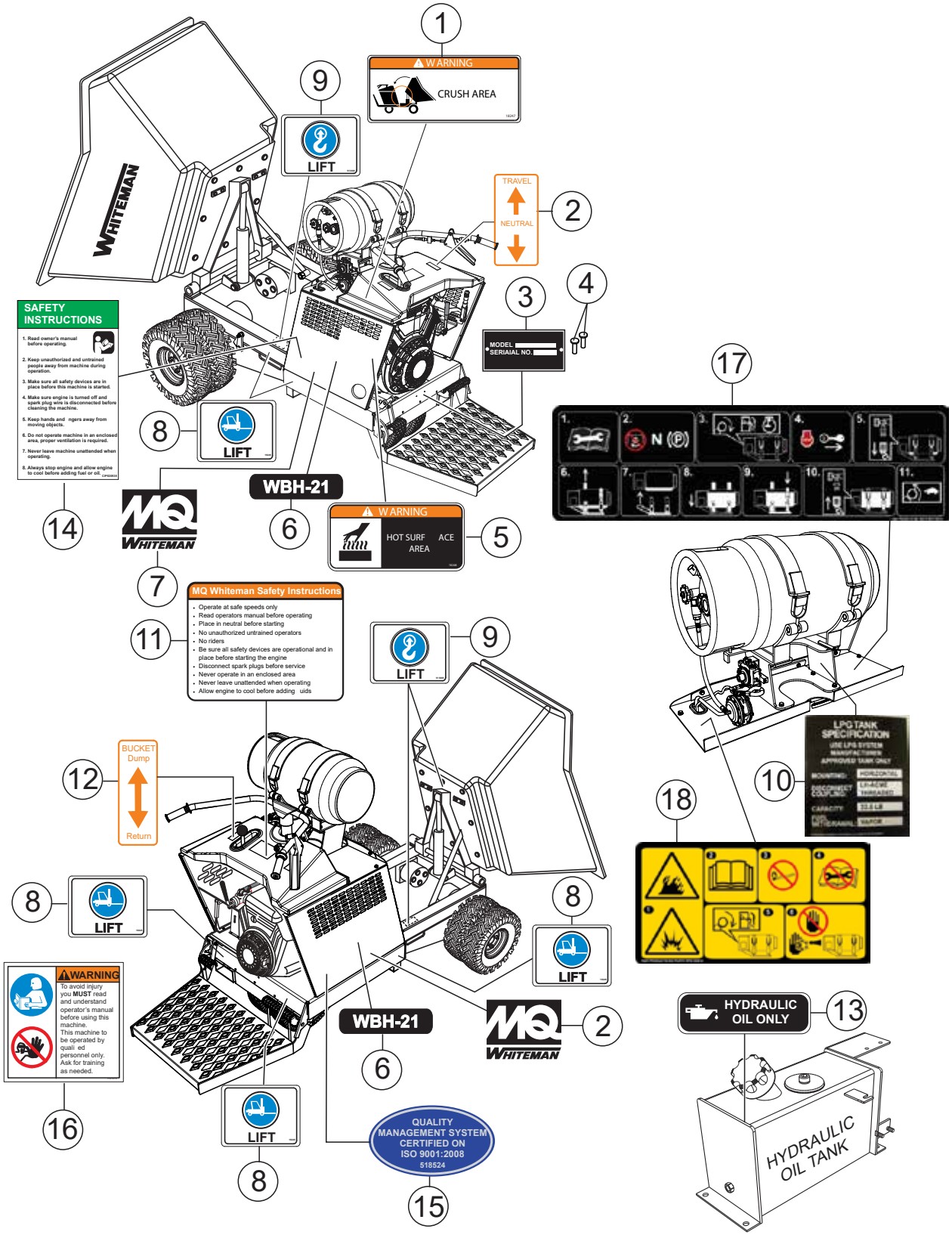
NOTICE

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

B&S VANGUARD 18 HP GASOLINE ENGINE

1 to 3 units

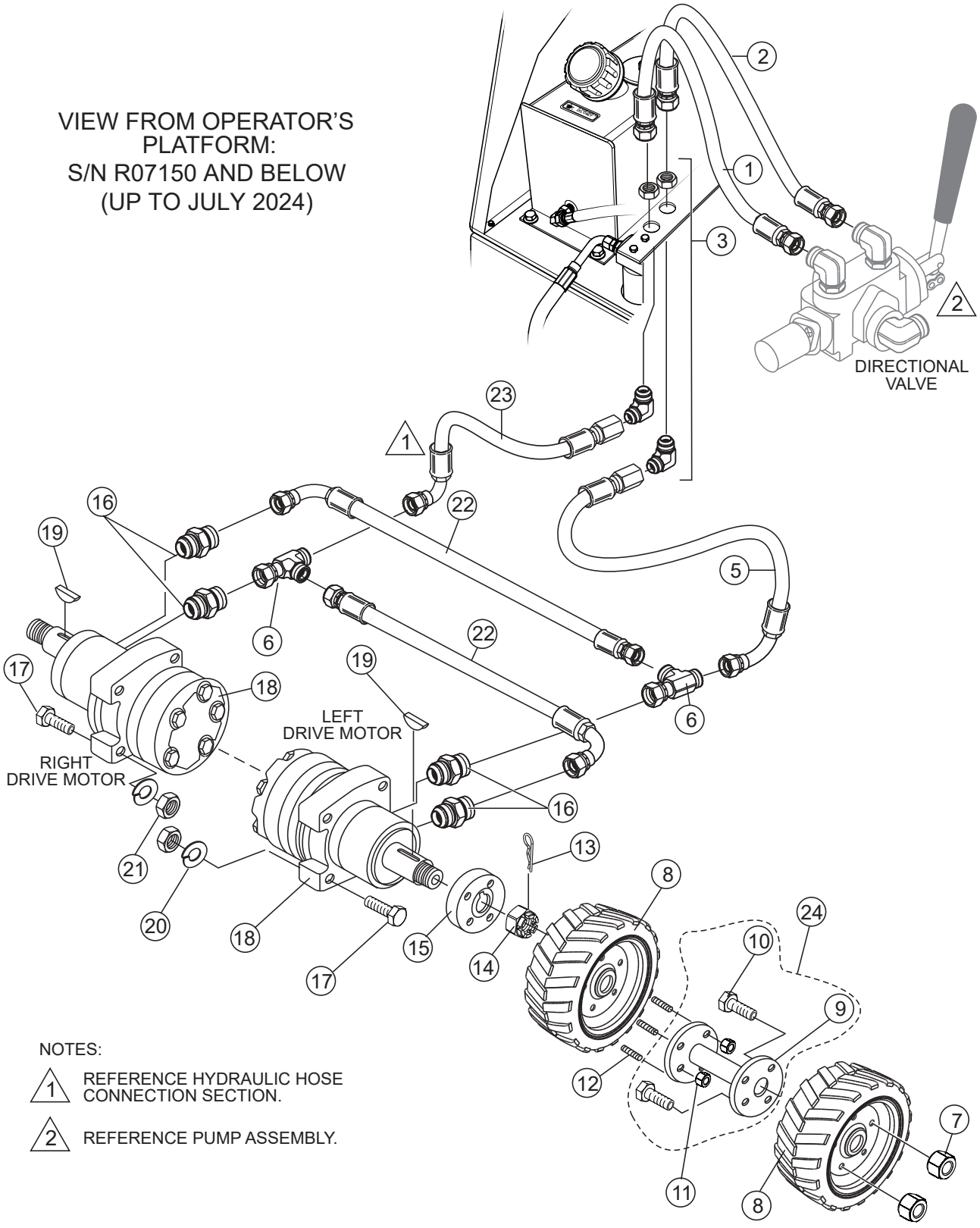
Qty.	P/N	Description
3	496018S	SPARK PLUG
3	691959	KEY, IGNITION
3	808167	GRIP, STARTER
1	66574	ROPE, STARTER
3	394018S	AIR FILTER
3	272490S	PRE-CLEANER
3	842921	OIL FILTER


1
WARNING
CRUSH AREA
9
LIFT
TRAVEL
NEUTRAL
2
3
4
MODEL
SERIAIAL NO.
SAFETY INSTRUCTIONS
1. Read owner's manual before operating.
2. Keep unauthorized and untrained people away from machine during operation.
3. Make sure all safety devices are in place before this machine is started.
4. Make sure engine is turned off and spark plug wire is disconnected before cleaning the machine.
5. Keep hands and ngers away from moving objects.
6. Do not operate machine in an enclosed area, proper ventilation is required.
7. Never leave machine unattended when operating.
8. Always stop engine and allow engine to cool before adding fuel or oil.
8
LIFT
14
WHITEMAN
7
WBH-21
6
WARNING
HOT SURF ACE
AREA
5
17
1. 2. N (P) 3. 4. 5.
6. 7. 8. 9. 10. DIE 11.
MQ Whiteman Safety Instructions
• Operate at safe speeds only
• Read operators manual before operating
• Place in neutral before starting
• No unauthorized untrained operators
• No riders
• Be sure all safety devices are operational and in place before starting the engine
• Disconnect spark plugs before service
• Never operate in an enclosed area
• Never leave unattended when operating
• Allow engine to cool before adding uids
11
9
LIFT
LPG TANK SPECIFICATION
10
18
BUCKET
Dump
Return
12
8
LIFT
8
LIFT
WARNING
To avoid injury you MUST read and understand operator's manual before using this machine.
This machine to be operated by quali ed personnel only. Ask for training as needed.
16
WBH-21
6
2
WHITEMAN
HYDRAULIC OIL ONLY
13
HYDRAULIC OIL TANK
LIFT
8
QUALITY MANAGEMENT SYSTEM CERTIFIED ON ISO 9001:2008
518524
15

NAMEPLATE AND DECALS ASSY.

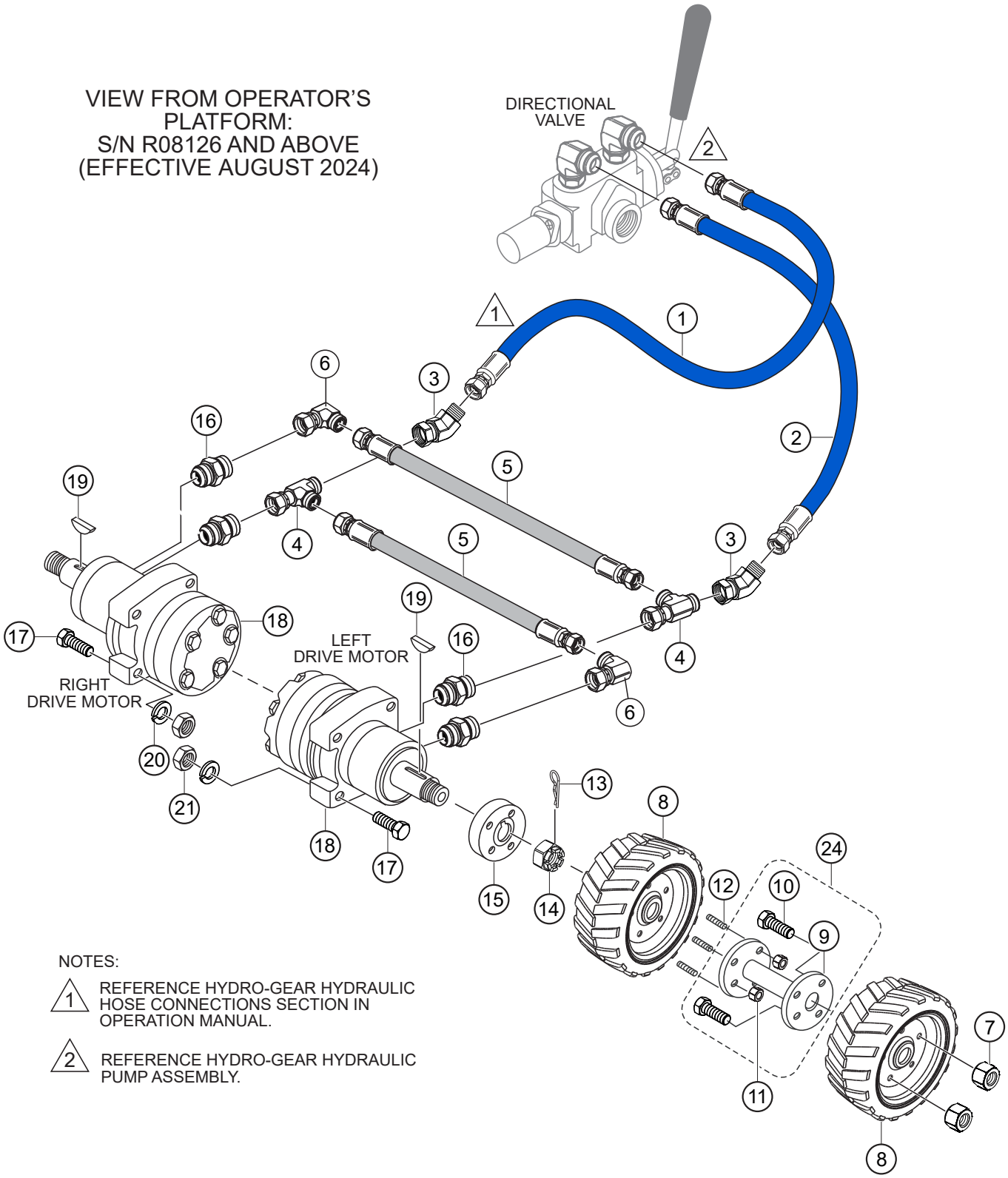
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	18247	DECAL, CRUSH WARNING	1	
2		DECAL, TRAVEL LEVER DIRECTION	1	MOLDED INTO FUEL TANK COVER
3		PLATE, SERIAL NUMBER	1	CONTACT MQ PARTS DEPT.
4	491757	RIVET, I.D. PLATE	2	
5	18248	DECAL, HOT SURFACE WARNING	1	
6	804592	DECAL, WBH-21	2	
7	18252	DECAL, MQ WHITEMAN	2	
8	18245	DECAL, FORKLIFT LIFTING	6	
9	513608	DECAL, LIFTING HOOK	3	
10	RPS150028	PLATE, PROPANE TANK, 33.5LBS	1	
11		DECAL, WHITEMAN SAFETY INSTRUCTIONS	1	MOLDED INTO FUEL TANK COVER
12		DECAL, BUCKET DUMP LEVER	1	MOLDED INTO FUEL TANK COVER
13	EM985	DECAL, HYDRAULIC OIL	1	
14	520935	DECAL, SAFETY INSTRUCTIONS	1	
15	518524	DECAL, ISO 9001:2008	1	
16	35137	DECAL, READ MANUAL, ASK FOR TRAINING	1	
17	RPS150029	DECAL, INSTRUCTION, PROPANE	1	
18	RPS150030	DECAL, SAFETY, PROPANE	1	

WHITE/DANFOSS HYDRAULIC DRIVE 1 ASSY.



WHITE/DANFOSS HYDRAULIC DRIVE 1 ASSY.

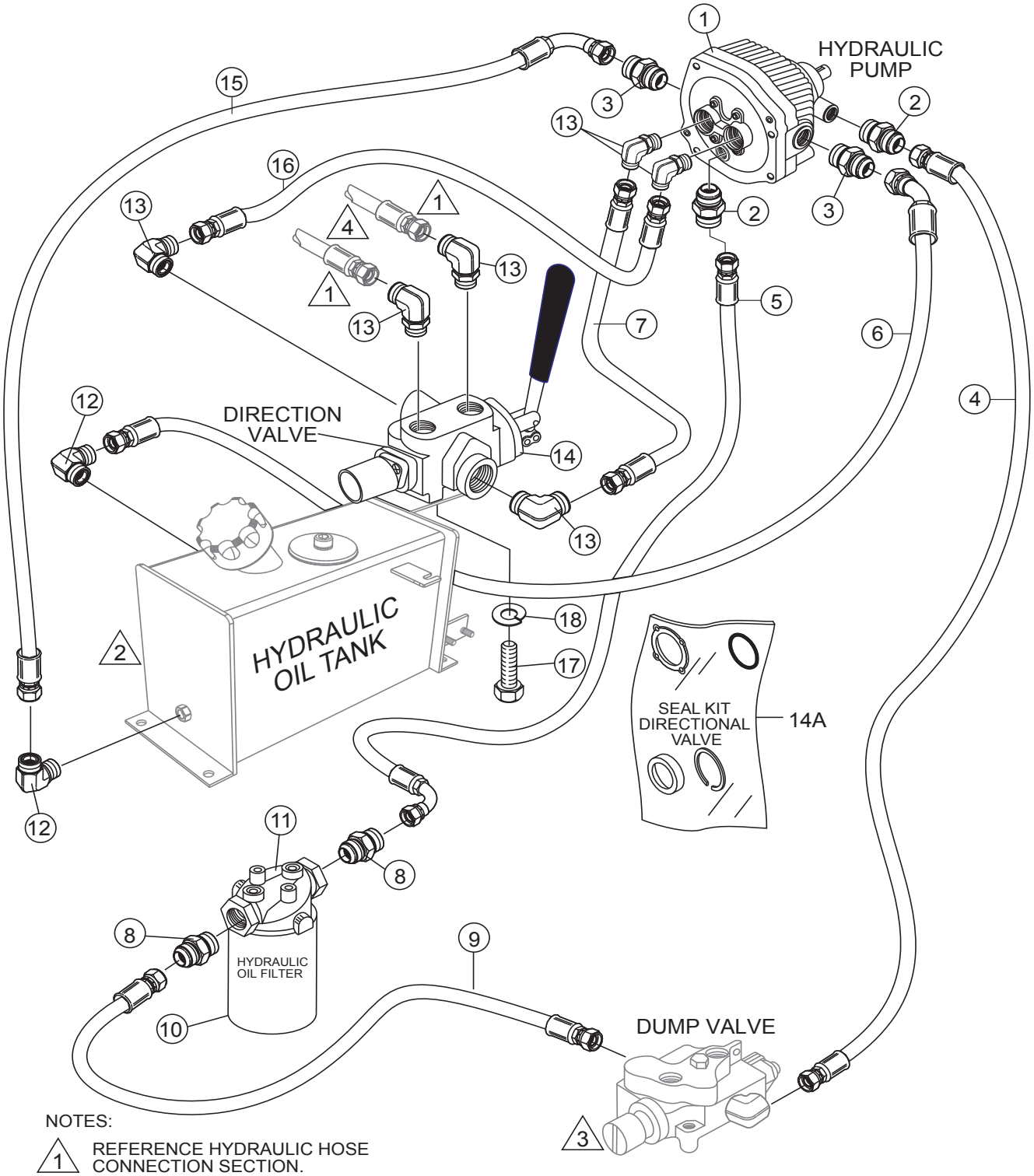
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	18265M	HOSE, DIRECTION VALVE	1	RIGHT-DRIVE MOTOR
2	18264M	HOSE, DIRECTION VALVE	1	LEFT-DRIVE MOTOR
3	511810	ADAPTER, ELBOW	2	
5	18276M	HOSE, LH HYDRAULIC MOTOR	1	
6	512189	ADAPTER, TEE CONNECTOR	2	
7	492527	NUT, HEX 1/2"-20	8	
8	18029F	WHEEL, DRIVE ASSY. FRONT	4	FOAM FILLED TIRE
9$	511692	FLANGE, HUB	2	
10$	18237	LUG BOLT/HUB FLANGE	8	
11	492584	NUT, HEX 1/2"-13 CRIMP	8	REPLACES P/N 6109160
12	18190	SCREW, HUB STUD 1/2"-13 X 2-3/4"	8	
13	491689	KEY, COTTER 1/8" X 2	2	
14	PT018038	NUT, CASTLE 1-1/8"-18	2	
15	803281	HUB, DRIVE (INDEXED)	2	
16	3365	ADAPTER, STRAIGHT	5	
17	505718	SCREW, HHC 1/2"-13 X 2-3/4"	8	
18	18011	MOTOR, WHITE/DANFOSS HYD. DRIVE	2	
19	3311	KEY, 7 MM X 8 MM X 1-1/4"	2	REPLACES P/N PE449105
20	6109180	WASHER, LOCK 1/2"	8	
21	6109160	NUT, HEX 1/2"-13	8	
22	18027	HOSE, DRIVER MOTOR CROSSOVER	2	
23	18275M	HOSE, RH HYDRAULIC MOTOR	1	
24	516528	FLANGE HUB ASSY.	1	INCLUDES ITEMS W/$


VIEW FROM OPERATOR'S PLATFORM:
S/N R08126 AND ABOVE
(EFFECTIVE AUGUST 2024)
DIRECTIONAL VALVE
LEFT DRIVE MOTOR
RIGHT DRIVE MOTOR
NOTES:
1 REFERENCE HYDRO-GEAR HYDRAULIC HOSE CONNECTIONS SECTION IN OPERATION MANUAL.
2 REFERENCE HYDRO-GEAR HYDRAULIC PUMP ASSEMBLY.

HENGLE HYDRAULIC DRIVE 2 ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	CIP808656	HOSE, DIRECTION VALVE	1	LEFT-DRIVE MOTOR
2	808655	HOSE, DIRECTION VALVE	1	RIGHT-DRIVE MOTOR
3	506200	FITTING	2	
4	506202	TEE FITTING	2	
5	808647	HOSE, DRIVE MOTOR CROSS OVER	2	
6	506195	90º FITTING	2	
7	492527	NUT, HEX. 1/2"-20	8	
8	18029F	WHEEL, DRIVE ASSY. FRONT	4	FOAM FILLED
9$	511692	FLANGE, HUB	2	
10$	18237	LUG BOLT/HUB FLANGE	8	
11	492584	NUT, HEX. 1/2"-13 CRIMP	8	REPLACES P/N 6109160
12	18190	SCREW, HUB STUD 1/2"-13 X 2-3/4"	8	
13	491689	KEY, COTTER 1/8" X 2	2	
14	PT018038	NUT, CASTLE 1-1/8"-18	2	
15	803281	HUB, DRIVE (INDEXED)	2	
16	506203	FITTING	4	
17	505718	SCREW, HHC 1/2"-13 X 2-3/4"	8	
18	809239	MOTOR, HYD. DRIVE (HENGLI)	2	EFFECTIVE S/N R018126 AUGUST 2024
19	3311	KEY, 7 MM X 8 MM X 1-1/4"	2	REPLACES P/N PE449105
20	6109180	WASHER, LOCK 1/2"	8	
21	6109160	NUT, HEX 1/2"-13	8	
24	516528	FLANGE HUB ASSY.	1	INCLUDES ITEMS W/$

EATON HYDRAULIC PUMP ASSY.



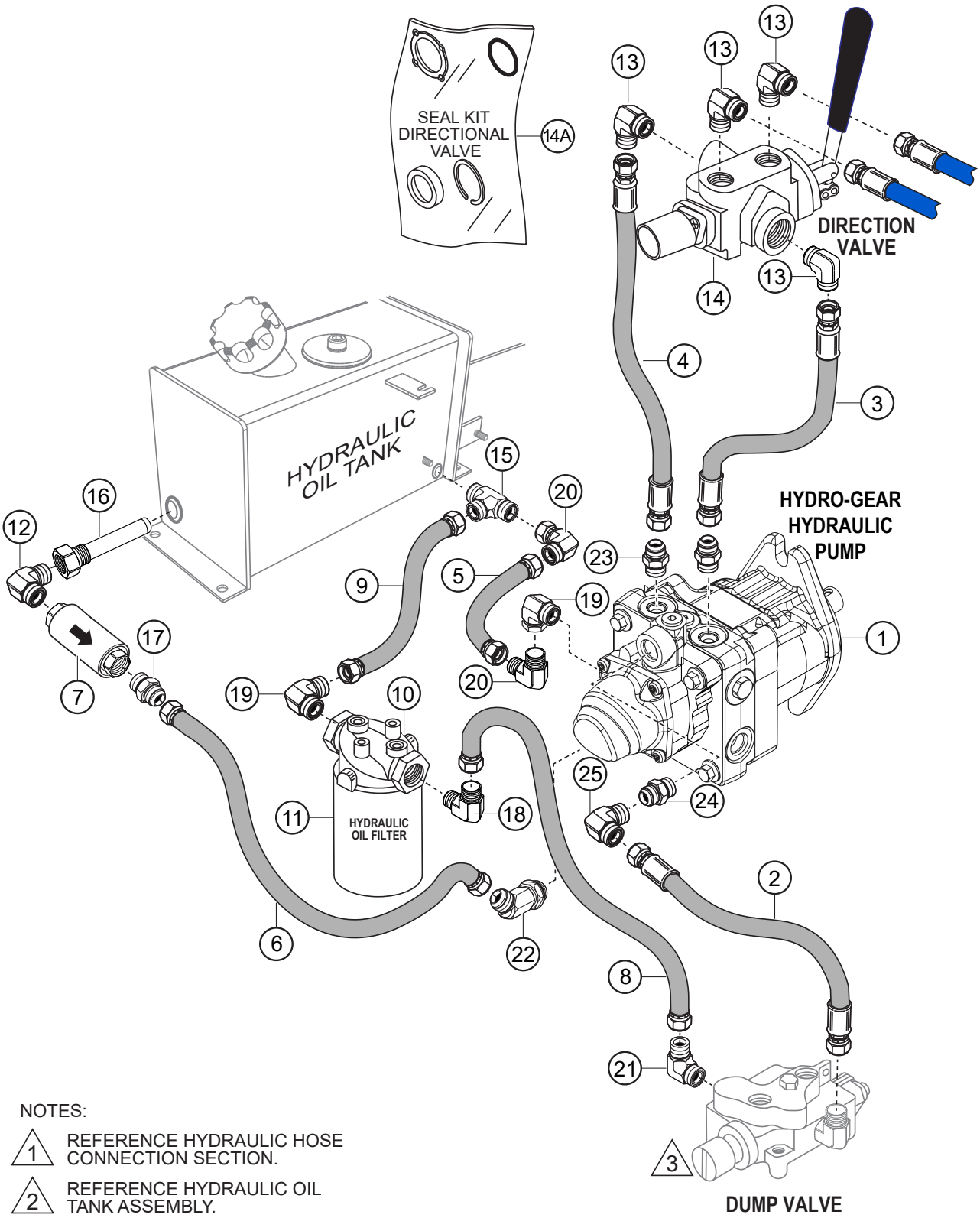
NOTES:

1. REFERENCE HYDRAULIC HOSE CONNECTION SECTION.
2. REFERENCE HYDRAULIC OIL TANK ASSEMBLY.
3. REFERENCE DUMP VALVE ASSEMBLY.
4. REFERENCE HYDRAULIC DRIVE ASSEMBLY ITEMS 1 AND 2 FOR HOSE PART NUMBERS

EATON HYDRAULIC PUMP ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	18035	PUMP, HYDRAULIC	1	
2	511808	ADAPTER, STRAIGHT	2	
3	3365	ADAPTER, STRAIGHT	6	
4	18256M	HOSE, PUMP TO DUMP VALVE	1	
5	18258M	HOSE, FILTER TO PUMP	1	
6	18261M	HOSE, PUMP TO TANK	1	
7	18265M	HOSE, PUMP TO DIRECTION VALVE	1	REPLACES P/N 18263M
8	512190	ADAPTER, STRAIGHT	2	
9	18257M	HOSE, FILTER TO DUMP VALVE	1	
10	508667	FILTER, HYDRAULIC	1	
11	508664	HYDRAULIC FILTER HEAD	1	
12	511799	ADAPTER, ELBOW	2	
13	3322	ADAPTER, ELBOW	6	
14	18058	VALVE, DIRECTION CONTROL, TRAVEL	1	
14A	18058SK	SEAL KIT, DIRECTIONAL VALVE	1	
15	18262M	HOSE, TANK TO PUMP	1	
16	18266M	HOSE, PUMP TO DIRECTION VALVE	1	
17	EM963055	HEX HEAD CAP SCREW	2	REPLACES P/N 492373
18	0166 A	WASHER, LOCK 3/8"	2	REPLACES P/N 492624

HYDRO-GEAR HYDRAULIC PUMP ASSY.

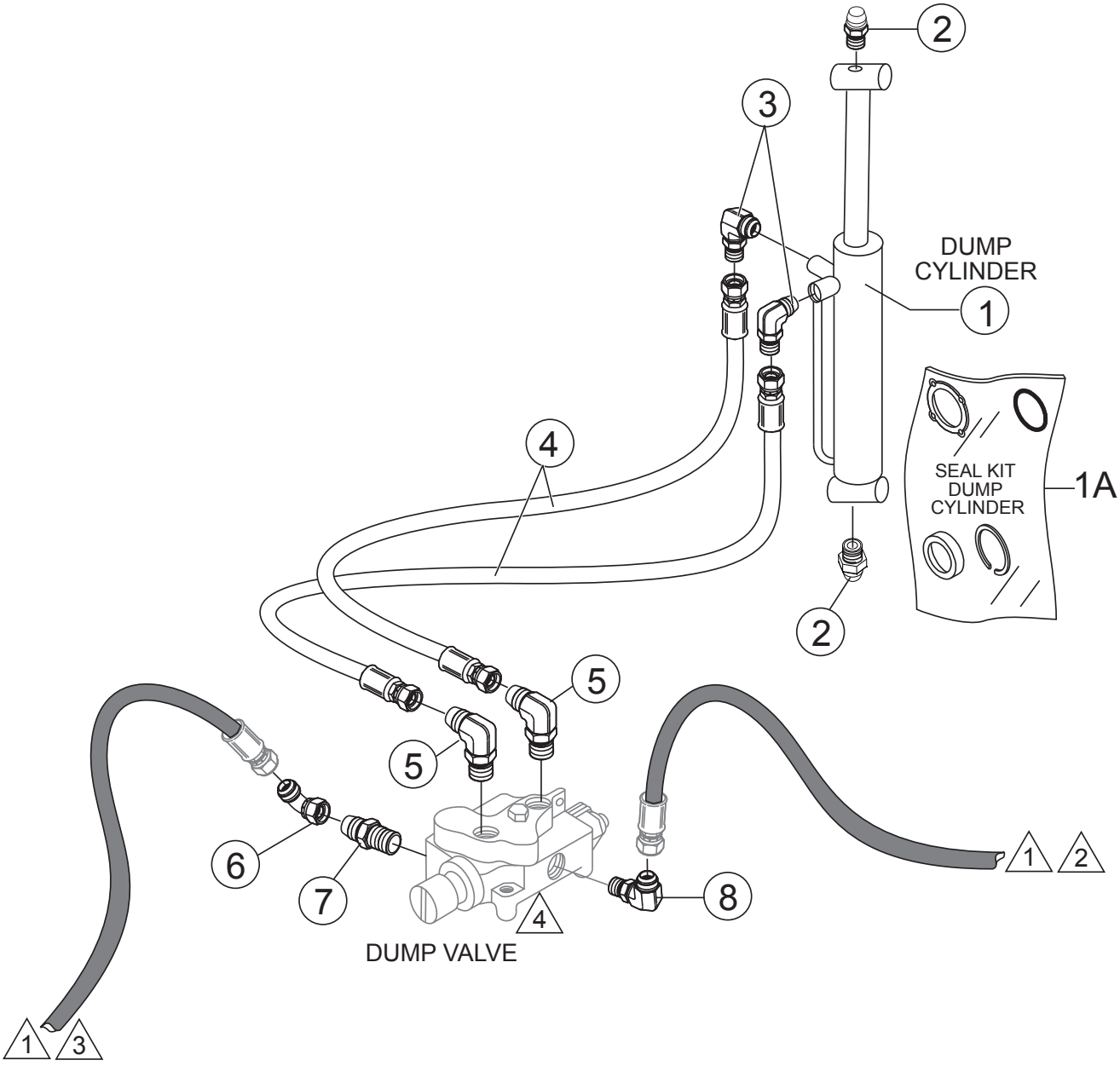


NOTES:

1. REFERENCE HYDRAULIC HOSE CONNECTION SECTION.
2. REFERENCE HYDRAULIC OIL TANK ASSEMBLY.
3. REFERENCE DUMP VALVE ASSEMBLY.
4. REFERENCE HYDRAULIC DRIVE ASSEMBLY ITEMS 1 AND 2 FOR HOSE PART NUMBERS

HYDRO-GEAR HYDRAULIC PUMP ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	808770	TRANSMISSION, HYDRO-GEAR	1	
2	808648	HOSE, PUMP TO DUMP VALVE	1	
3	808652	HOSE, PUMP TO DIRECTION VALVE	1	
4	808653	HOSE, PUMP TO DIRECTION VALVE	1	
5	808654	HOSE, PUMP TO OIL TANK	1	
6	810845	HOSE, PUMP TO IN-LINE FILTER	1	
7	13210	STRAINER, IN-LINE	1	
8	808649	HOSE, HYD. FILTER TO DUMP VALVE	1	
9	808651	HOSE, OIL TANK TO HYD. OIL FILTER	1	
10	508664	HYDRAULIC FILTER HEAD	1	
11	508667	FILTER, HYDRAULIC	1	
12	511799	ADAPTER, ELBOW	1	
13	EM16524	ADAPTER, ELBOW	4	
14	18058	VALVE, DIRECTION CONTROL, TRAVEL	1	
14A	18058SK	SEAL KIT, DIRECTIONAL VALVE	1	
15	506201	FITTING TEE	1	
16	18229	STRAINER SUCTION	1	
17	CIP808860	ADAPTER, 3/4 X 1/2 CR-S	1	
18	CIP511804	ADAPTER, ELBOW	1	
19	EM25507	FITTING	2	
20	506195	FITTING	2	
21	506191	ADAPTER, ELBOW	1	
22	514230	ADAPTER, 10 V50X-S	1	
23	506193	FITTING	2	
24	512190	ADAPTER, STRAIGHT	1	
25	519967	FITTING	1	



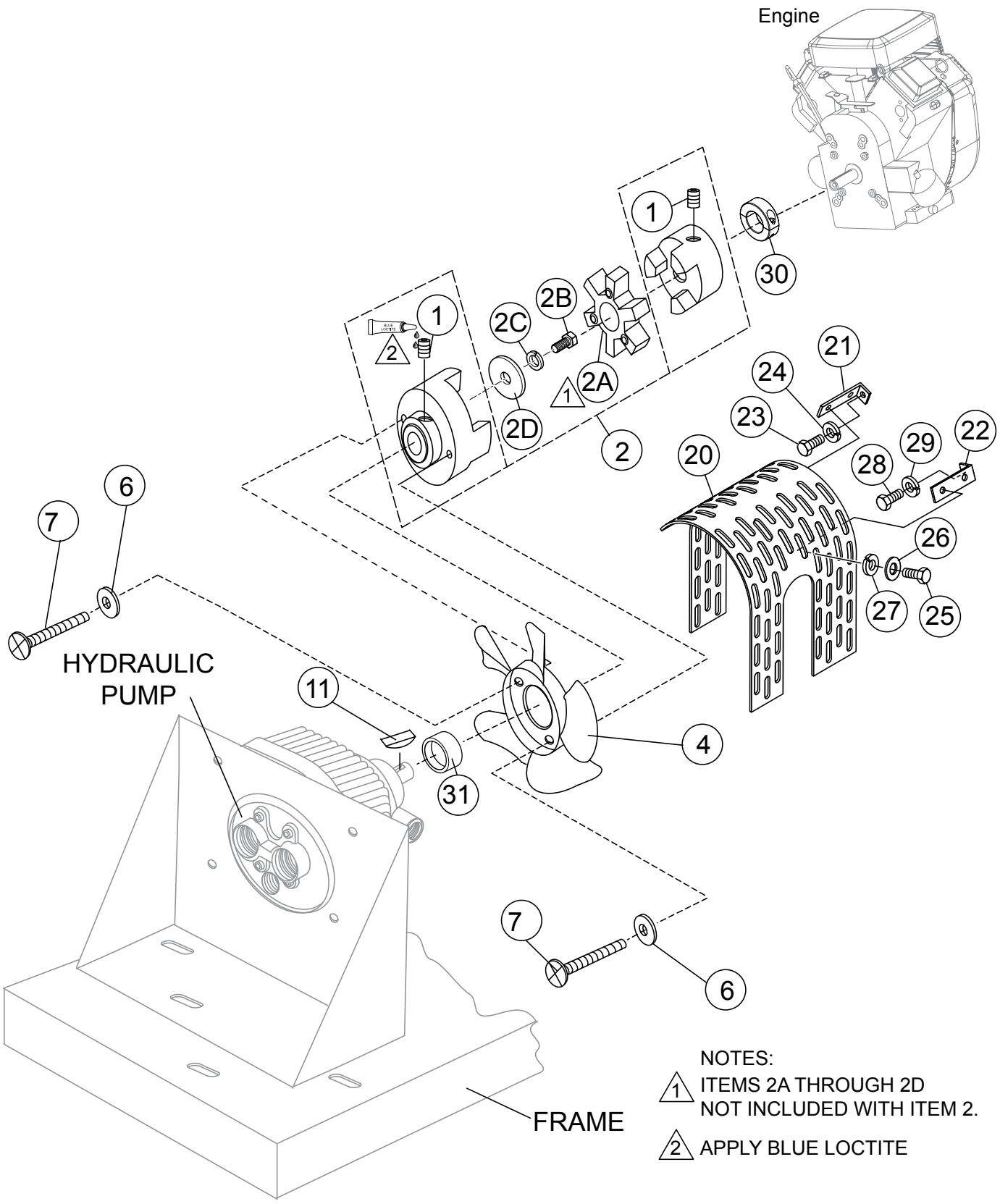
NOTES:

1. REFERENCE HYDRAULIC HOSE CONNECTION SECTION.
2. REFERENCE HYDRAULIC PUMP ASSEMBLY ITEM 4 FOR HOSE PART NUMBER.
3. REFERENCE HYDRAULIC PUMP ASSEMBLY ITEM 9 FOR HOSE PART NUMBER.
4. REFERENCE HANDLE/FOOT DUMP CONTROLS ASSEMBLY ITEM 8 FOR DUMP VALVE PART NUMBER.

HYDRAULIC DUMP ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	810214	CYLINDER, HYDRAULIC DUMP	1	
1A	18022SK	SEAL KIT, DUMP CYLINDER	1	
2	EM916019	ZERK FITTING	2	REPLACES P/N 491705
3	511803	ADAPTER, ELBOW	2	
4	18020	HOSE, DUMP VALVE TO HYD. PISTON	2	
5	511804	ADAPTER, ELBOW MALE	2	
6	512234	ADAPTER, ELBOW	1	
7	511806	ADAPTER, STRAIGHT	1	
8	506191	ADAPTER, ELBOW	1	

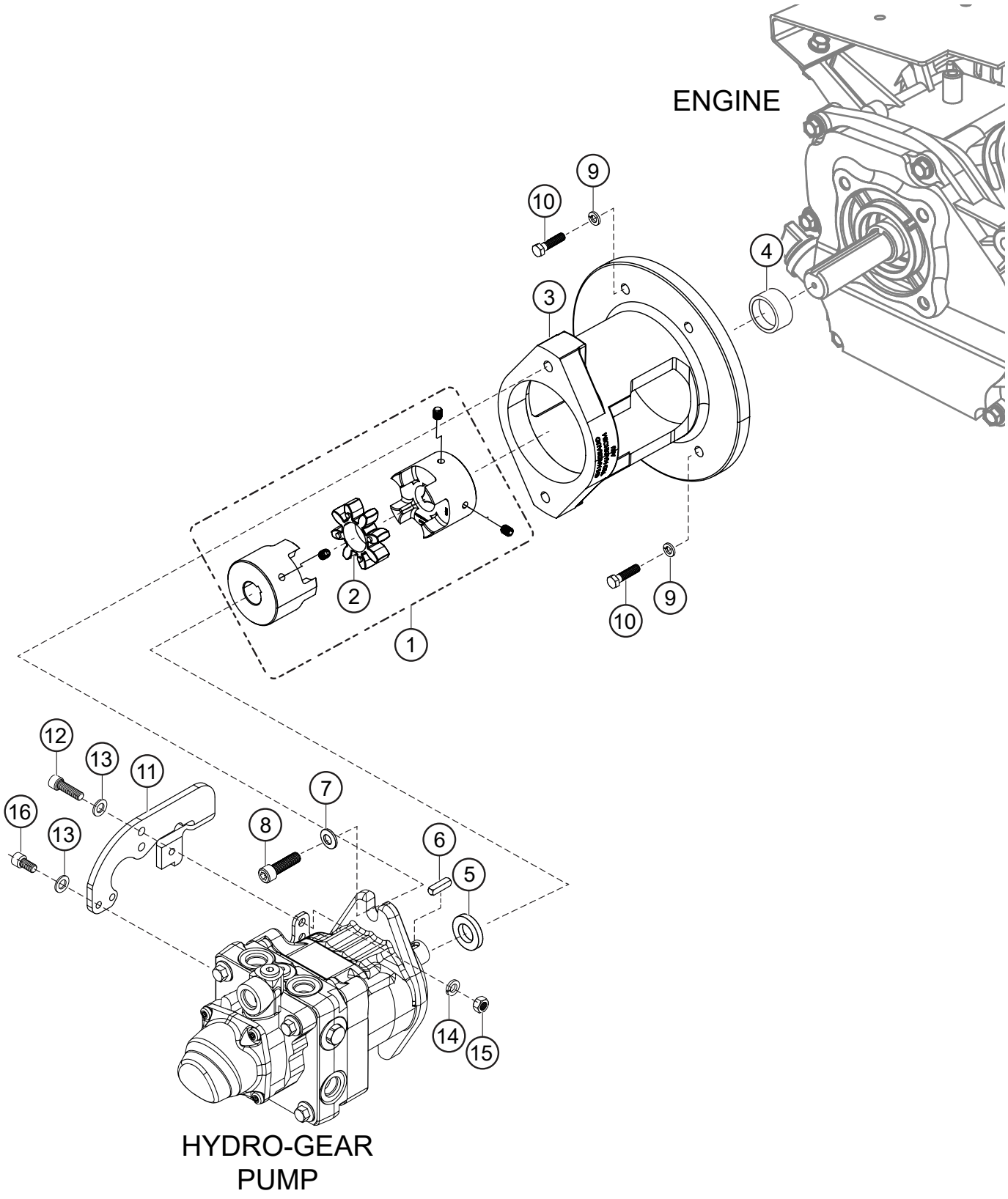
EATON PUMP AND COUPLING ASSY.



EATON PUMP AND COUPLING ASSY.

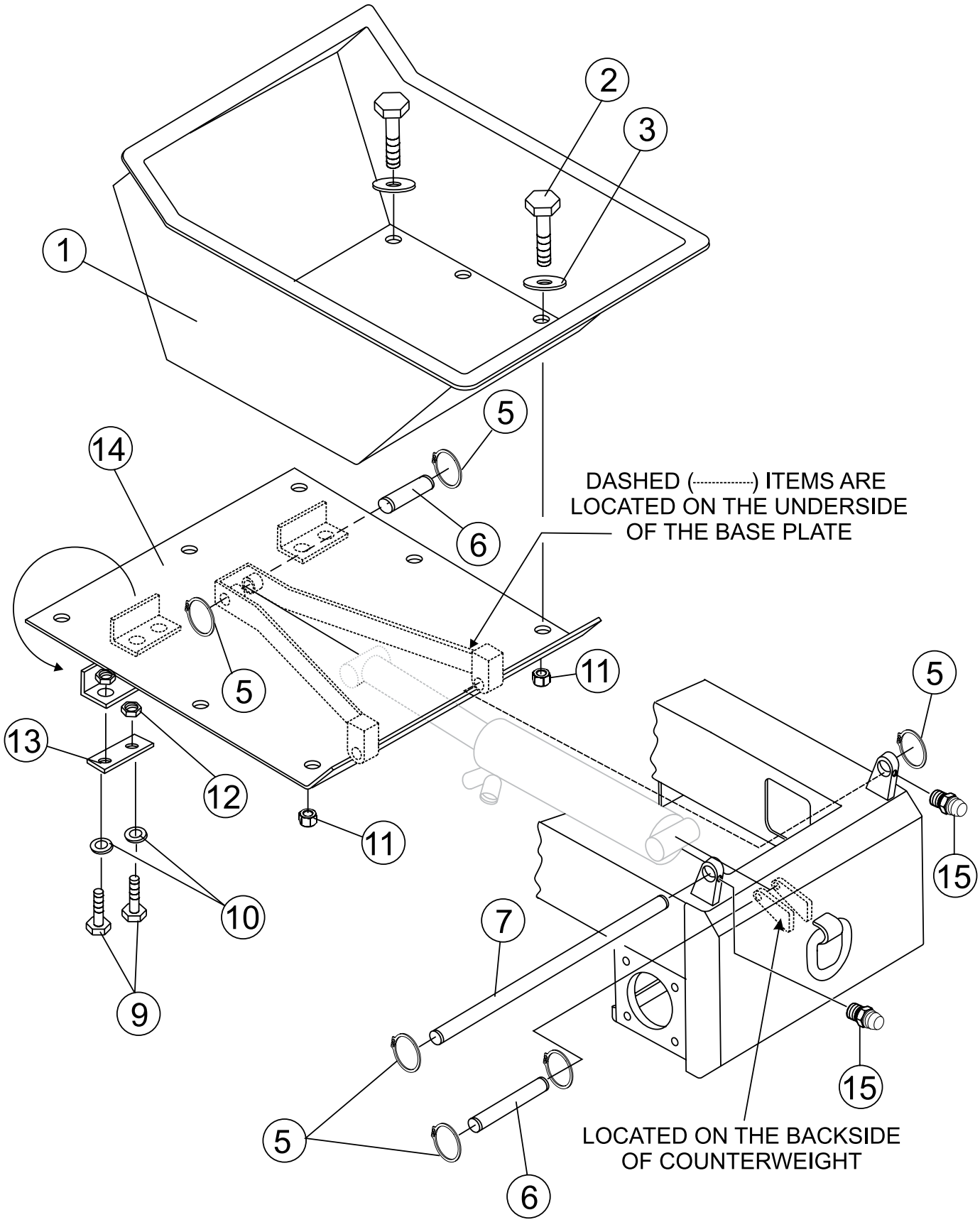
NO.	PART NO.	PART NAME	QTY.	REMARKS
1#	492472	SCREW, ALLEN HEAD 3/8"-16 X 3/4"	2	
2	18051	COUPLING, ENGINE SHAFT	1	INCLUDES ITEMS W/#
2A	18051RS	SPIDER, URETHANE	1	
2B	492356	SCREW, 1/4" X 3/4" GRD 5	1	
2C	2101402	WASHER, LOCK 1/4"	1	REPLACES P/N 492622
2D	EM923057	WASHER, FLAT 3/4"	1	REPLACES P/N 504451
4	18112	FAN	1	
6	EM923057	WASHER, FLAT 1/4"	2	REPLACES P/N 492596
7	1579	SCREW, HHC 1/4"-20 X 1/2"	2	REPLACES P/N 492355
11	506250	KEY, WOODRUFF	1	
20	512494	FAN GUARD	1	
21	512493	BRACKET, LONG	1	
22	513737	BRACKET, SHORT	1	
23	EM963055	SCREW, HEX HEAD CAP 3/8" NC X 3/4" GRD 5	1	REPLACES P/N 492373
24	0166A	WASHER, LOCK 3/8"	1	REPLACES P/N 492624
25	512367	BOLT, C/H 3/16" NC X 1/2" GRD 2	4	
26	492595	WASHER, FLAT 3/16"	4	
27	3103160	WASHER, LOCK 3/16"	4	REPLACES P/N 492621
28	492438	BOLT, C/H 5/16" NF X 1" GRD 5	1	
29	EM923343	WASHER, LOCK 5/16"	1	REPLACES P/N 492623
30	802442	LOCK COLLAR	1	
31	803009	BUSHING, HYDRAULIC PUMP	1	

HYDRO-GEAR PUMP AND COUPLING ASSY.

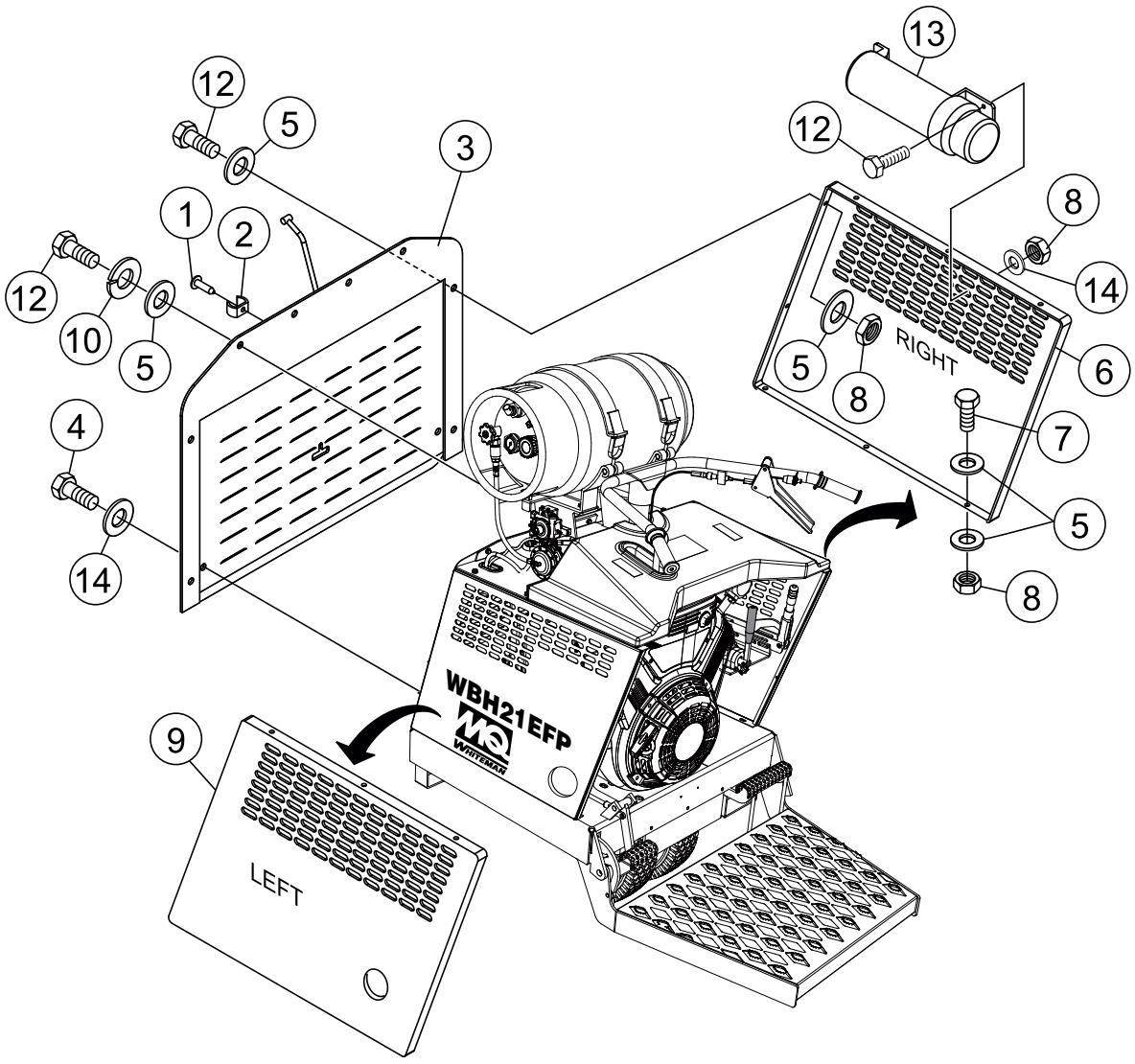


HYDRO-GEAR PUMP AND COUPLING ASSY.

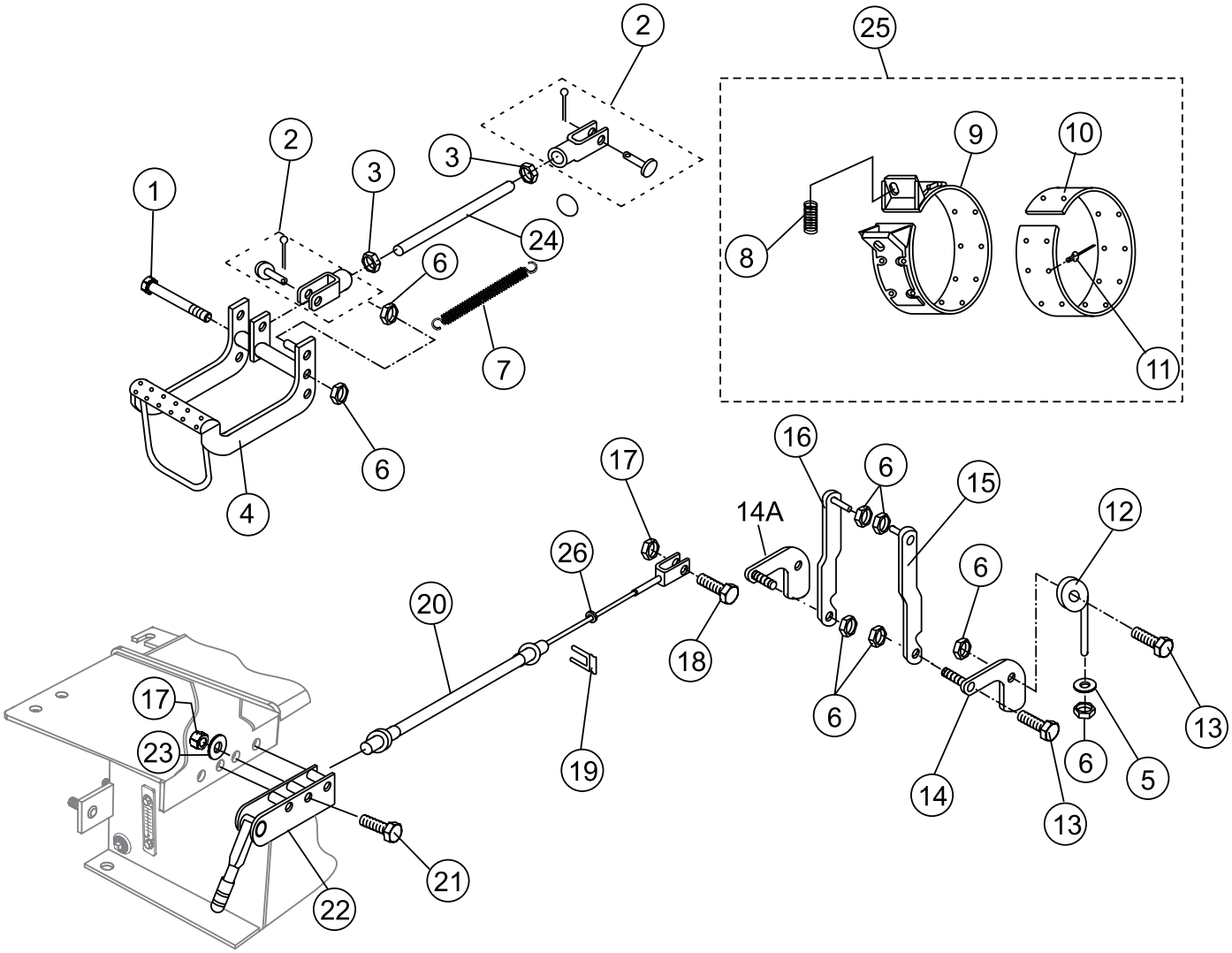
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	808658C	COUPLING ASSEMBLY	1	INCLUDES ITEMS W/#
2#	808658S	SPIDER, COUPLING	1	
3	809166	MACHINED HOUSING, COUPLING	1	
4	809845	ENGINE COUPLING SEPARATOR	1	
5	809828	WASHER, FLAT	1	
6	CIP502625	KEY, 1/4" X 25MM	1	
7	CIP519337	WASHER, FLAT	1	
8	510717	BOLT, 1/2 X 1-3/4"	2	
9	0166A	WASHER, LOCK	4	
10	EM963057	BOLT, 3/8" X 1-1/2"	4	
11	808650	ACTIVATION LEVER HYDRO-GEAR PUMP	1	
12	520467	BOLT, 5/16" NF X 1"	2	
13	508344	WASHER, FLAT 5/16"	4	
14	EM923343	WASHER, LOCK 5/16"	2	
15	509143	HEX. NUT, 5/16"	2	
16	808771	BOLT, 5/16" NF X 1/2"	2	


1
2
3
5
6
14
DASHED (----------) ITEMS ARE
LOCATED ON THE UNDERSIDE
OF THE BASE PLATE
5
11
5
13
12
11
15
10
7
9
15
5
LOCATED ON THE BACKSIDE
OF COUNTERWEIGHT
6

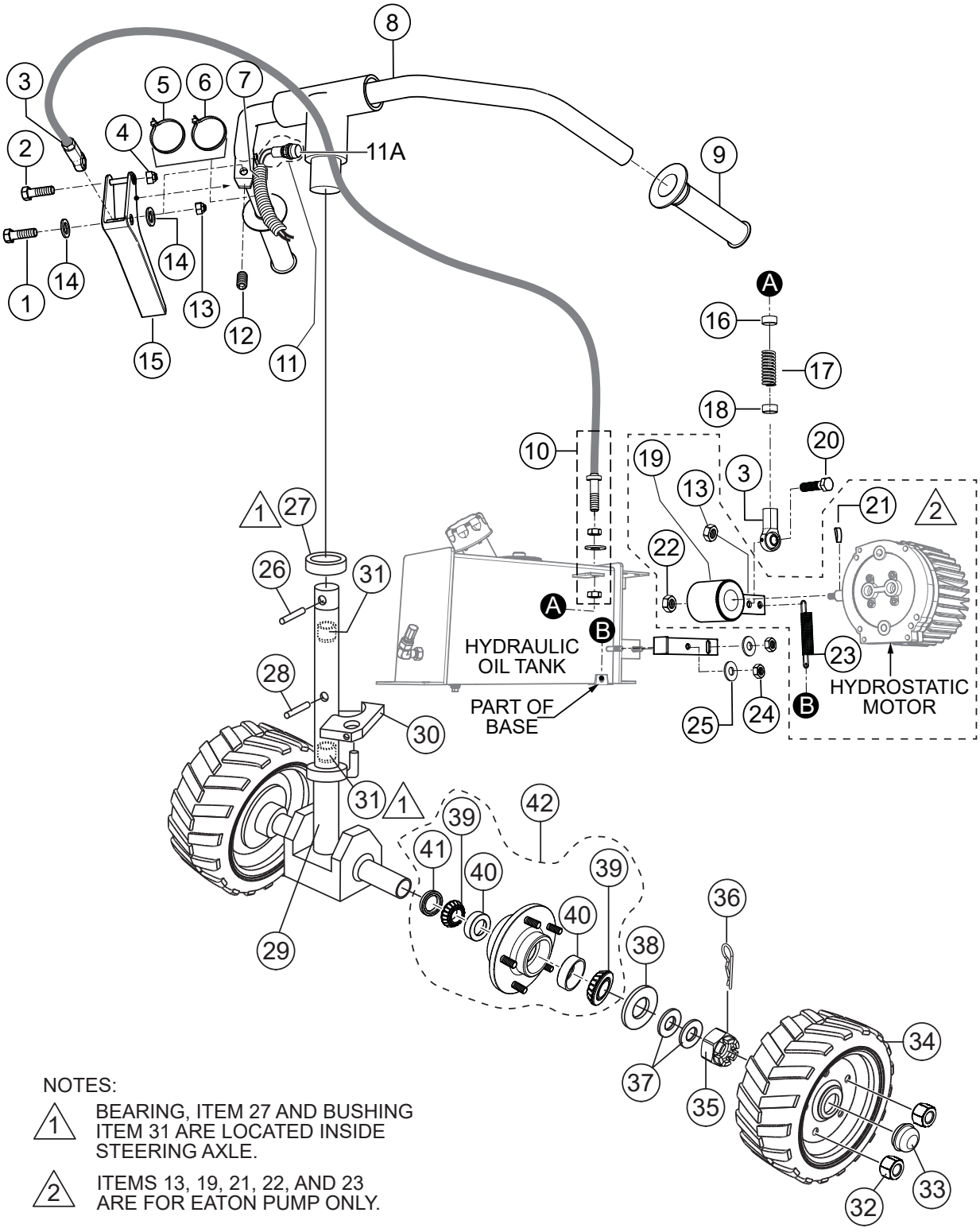
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	804580	TUB, PLASTIC 21 CU. FT.	1	
2	EM963057	SCREW, HHC 3/8"-16 X 1-1/2"	9	REPLACES P/N 492313
3	512193	WASHER, FLAT 3/8"	9	
5	490957	RING, SNAP	6	
6	18130	PIN, HYD. PISTON CROSS	2	
7	18129	PIN, TUB FRAME CROSS	1	
9	0202	SCREW, HHC 5/16"-18 X 1 ZINC	4	REPLACES P/N 492364
10	EM923023	WASHER, FLAT 9.5 X 22.2	8	REPLACES P/N 492597
11	EM969013	NUT, NYLOC 3/4"-16	9	REPLACES P/N 492583
12	2105164	NUT, NYLOC 5/16"-18	4	REPLACES P/N 492582
13	512279	SUPPORT, BUM STOP	2	
14	804586	FRAME, TUB MOUNT, 21 CU. FT.	1	
15	EM916019	GREASE FITTING	2	REPLACES P/N 491705


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NO.	PART NO.	PART NAME	QTY.	REMARKS
1	503978	POP RIVET AM-56	1	
2	511474	FASTENER, ACCESS DOOR	1	
3	18008	DOOR, ACCESS	1	
4	1579	SCREW, 1/4" NC X 1/2" GRD 5	2	REPLACES P/N 492355
5	EM923023	WASHER, FLAT 3/8"	32	REPLACES P/N 492597
6	18141	COVER, RIGHT/SIDE ENGINE	1	
7	0202	SCREW, HHC 5/16"-18 X 1"	6	REPLACES P/N 492364
8	2105164	NUT, NYLOC 5/16"-18	9	REPLACES P/N 492582
9	521389	COVER, LEFT/SIDE ENGINE	1	
10	EM923343	WASHER, LOCK 5/16"	4	REPLACES P/N 492623
12	492363	SCREW, HHC 5/16" NC X 3/4" GRD 5	6	
13	23297	MANUAL HOLDER	1	
14	EM923057	WASHER, 1/4"	4	REPLACES P/N 492596


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NO.	PART NO.	PART NAME	QTY.	REMARKS
1	511762	SCREW, HHC 1/2"-13 X 8"	1	
2	511698	CLEVIS, ASSY. BRAKE	2	
3	EM492574	NUT, HEX 3/8"-24	2	REPLACES P/N 492574
4	18111	PEDAL, BRAKE	1	
5	EM621	WASHER, FLAT 1/2"	1	REPLACES P/N 621
6	492584	NUT, NYLOC 1/2"-13	10	
7	18167	SPRING, BRAKE PEDAL	1	
8$	18307	SPRING, BRAKE	2	
9$		BAND, BRAKE	2	NOT SOLD SEPARATELY
10$		LINING, BRAKE	2	NOT SOLD SEPARATELY
11$	512881	RIVET, BRAKE LINING	56	REPLACES P/N 503723
12	18303	SHAFT, CRANK PIN	2	
13	492395	SCREW, HHC 1/2"-13 X 1-3/4"	1	
14	512602	BRAKE LEVER, LEFT	1	
14A	512601	BRAKE LEVER, RIGHT	1	
15	18032	LINKAGE, RIGHT BRAKE	1	
16	18314	LINKAGE, LEFT BRAKE	1	
17	2105164	NUT, NYLOC 5/16"	3	REPLACES P/N 492582
18	492303	SCREW, HHC 5/16" NC X 1-1/4" GRD 5	1	REPLACES P/N 492365
19	505170	CLIP, PARK CABLE	1	
20	18016	CABLE, PARK BRAKE	1	
21	2105162	SCREW, HHC 5/16"-18 X 1-3/4"	3	REPLACES P/N 492367
22	18057	LEVER, ASSY. PARK BRAKE	1	
23	EM923023	WASHER, FLAT 3/8"	6	REPLACES P/N 492597
24	18145	ROD, BRAKE CONTROL	1	
25	512881	BRAKE BAND ASSY.	2	INCLUDES ITEMS W/$
26	6109170	WASHER, FLAT 1/2"	2	REPLACES P/N 492600

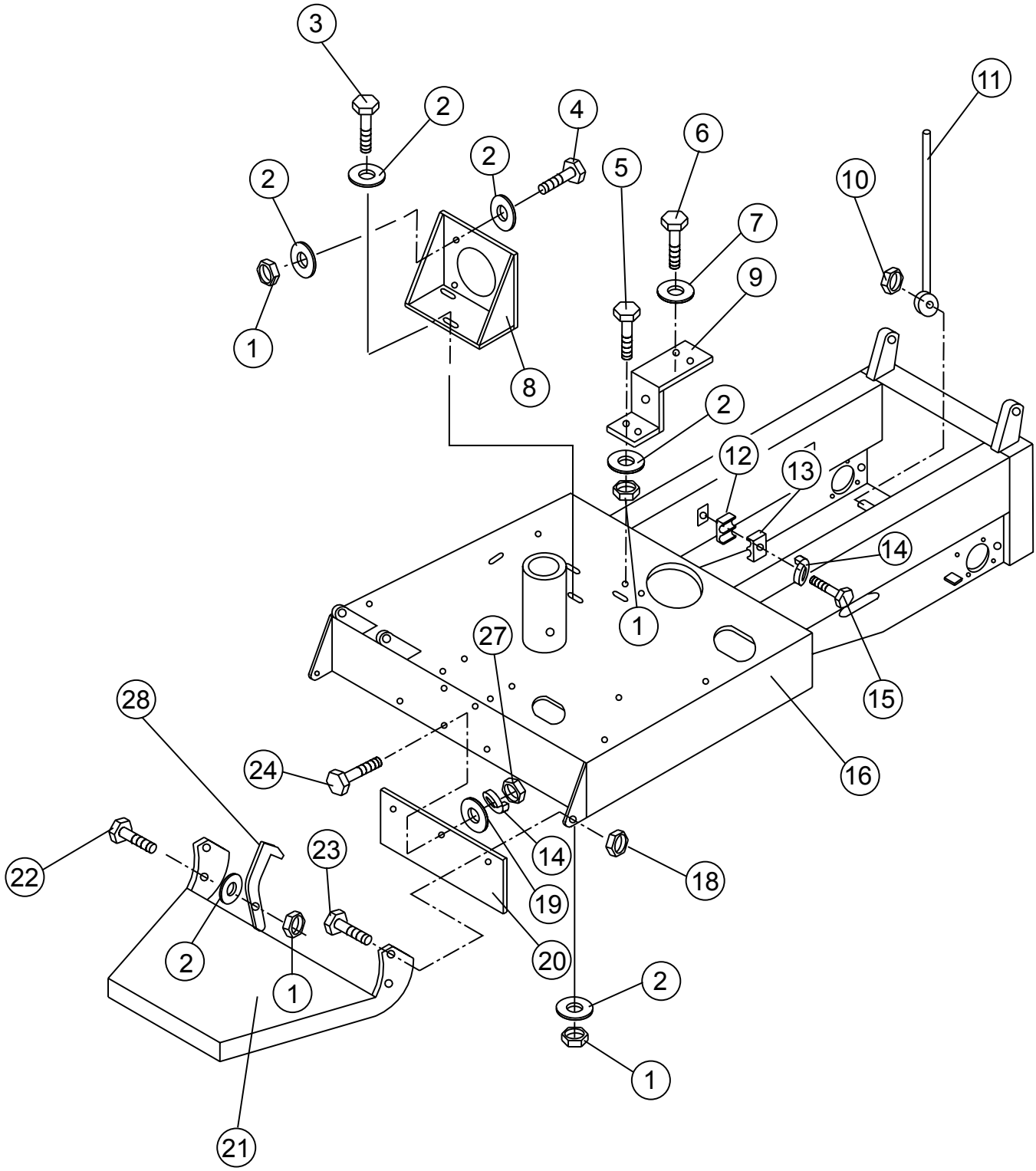


NOTES:

1. BEARING, ITEM 27 AND BUSHING ITEM 31 ARE LOCATED INSIDE STEERING AXLE.
2. ITEMS 13, 19, 21, 22, AND 23 ARE FOR EATON PUMP ONLY.

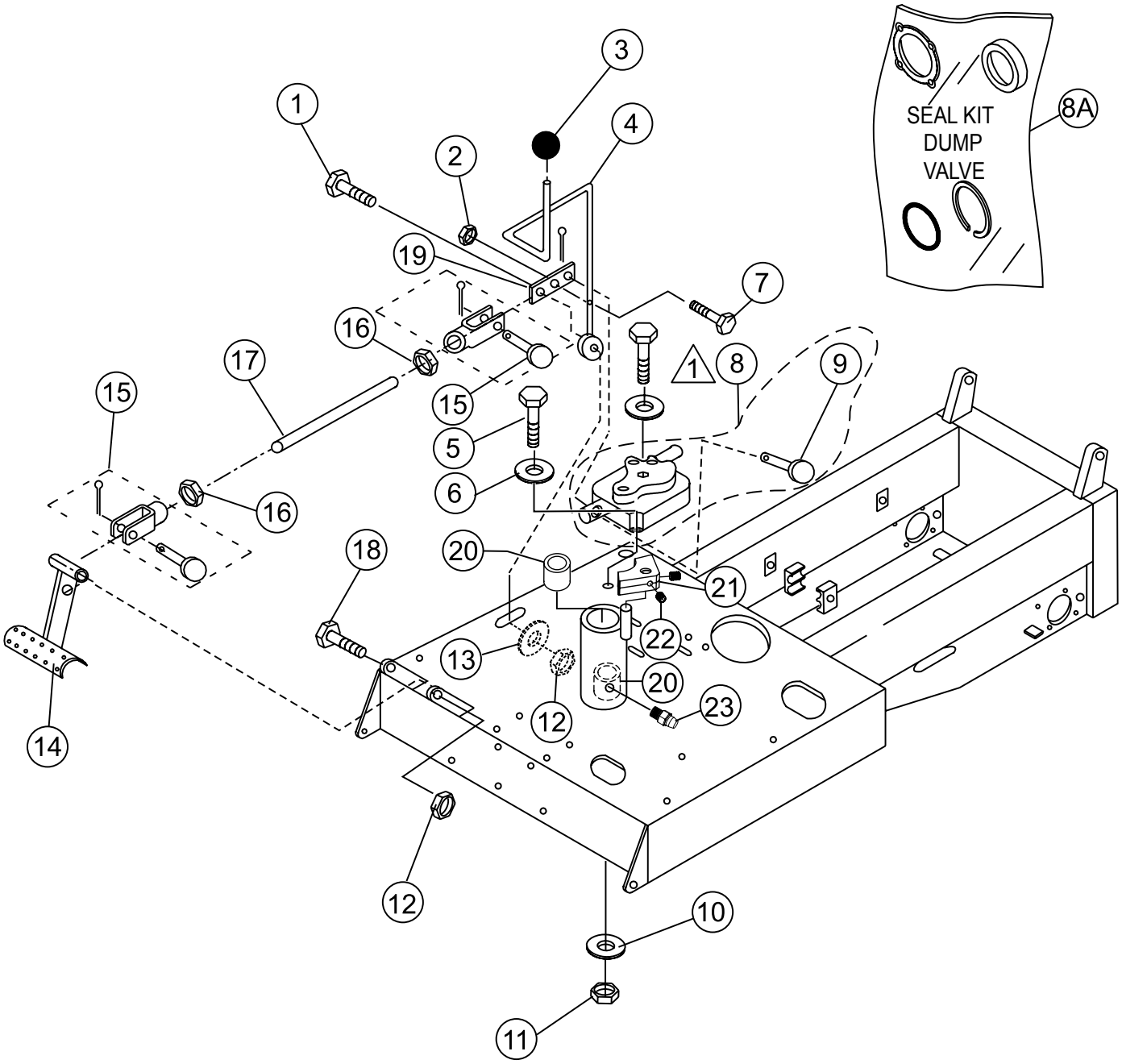
STEERING AND CONTROLS ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	2508	SCREW, HHC 1/4"-20 X 2-1/4"	1	REPLACES P/N 512414
2	492369	SCREW, HHC 5/16"-18 X 2-1/4"	1	
3	18183	ROD-END, THROTTLE CABLE	2	
4	2105164	NUT, NYLOC 5/16"-18	1	REPLACES P/N 492582
5	EM504505	WRAP, TIE 4.6 X 360 MM	1	REPLACES PN 504505
6	491030	WRAP, TIE 2.5 X 142 MM	2	
7	505304	COVER, WIRE (LOOM)	1	
8	18242	HANDLE BAR	1	
9	15081	GRIP, HANDLE BAR	2	
10	18133	CABLE, THROTTLE	1	
11	515417	SWITCH HARNESS ASSY.	1	
11A	18131	SWITCH, KILL	1	REPLACES P/N 18025
12	513489	SCREW, ALLEN HEAD 1/4"-20 X 3/8"	1	REPLACES P/N 492465
13	492581	NUT, NYLOC 1/4"-20	2	FOR EATON PUMP ONLY
14	509161	WASHER, FLAT 5/16"	2	
15	18132	LEVER, THROTTLE	1	
16	18182	BUSHING, CABLE	1	
17	18176	SPRING	1	
18	18181	BUSHING, CABLE	1	
19	18061	LEVER, CONTROL	1	FOR EATON PUMP ONLY
20	492357	SCREW, HHC 1/4"-20 X 1	1	
21	511717	KEY, WOODRUFF 1/8" X 5/8"	1	FOR EATON PUMP ONLY
22	492584	NUT, NYLOC 1/2"-13	1	FOR EATON PUMP ONLY
23	18177	SPRING	1	FOR EATON PUMP ONLY
24	EM969013	NUT, NYLOC 3/8"	2	REPLACES P/N 492583
25	3019092	WASHER, FLAT 3/8"	2	REPLACES P/N 492598
26	491723	PIN, STEERING SHAFT	1	
27	18238	BEARING, STEERING SHAFT	1	
28	512186	PIN, STEERING SHAFT	1	
29	513360	AXLE, STEERING	1	
30	803151	STOP, STEERING	1	
31	512200	BUSHING, BRONZE	2	
32	8115	NUT LUG	8	
33	3469	CAP, DUST	2	
34	18049F	WHEEL, STEERING ASSY. REAR	2	FOAM FILLED TIRE
35	512210	NUT, CASTLE	2	
36	EM924008	PIN, COTTER 1/8" X 1-1/2"	2	REPLACES P/N 491688
37	EM501299	WASHER, REAR WHEEL HUB	4	
38	511159	WASHER, FLAT 1"	2	
39#	EM903113	BEARING CONE	4	
40#	EM903012	BEARING CUP	4	
41#	EM914288	SEAL	2	
42	EM941306	HUB, REAR WHEEL	2	INCLUDES ITEMS W/#


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NO.	PART NO.	PART NAME	QTY.	REMARKS
1	EM969013	NUT, NYLOC 3/8"	10	REPLACES P/N 492583
2	3019092	WASHER, FLAT 3/8"	18	REPLACES P/N 492598
3	EM963057	SCREW, HHC 3/8"-16 X 1-1/2"	3	REPLACES P/N 492313
4	503112	SCREW, HHC 3/8"-16 X 2-3/4"	4	
5	EM963610	SCREW, HHC 3/8" X 1-1/4" GRD 8	2	REPLACES P/N 492375
6	492356	SCREW, HHC 1/4" NC X 3/4" GRD 5	2	
7	2101402	WASHER, LOCK 1/4"	2	REPLACES P/N 492622
8	512196	BRACKET, HYD. PUMP MOUNTING	1	USED W/ EATON PUMP ONLY
9	18146	MOUNT, OIL FILTER	1	
10	505069	NUT, NYLOC 3/4"-10	1	
11	18198	ROD, TUB PROP	1	
12	505976	CLAMP, BRACKET	2	
13	506185	CLAMP, BRACKET	2	
14	EM923343	WASHER, LOCK 5/16"	5	REPLACES P/N 492623
15	492366	SCREW, HHC 5/16"-18 X 1-1/2"	2	
16	18047	CHASSIS	1	USED UP TO S/N R07150 JULY 2024
16	808772	CHASSIS	1	BEGINNING S/N R081126 AUGUST 2024
18	EM969023	NUT, NYLOC 5/8"-11	2	REPLACES P/N 492586
19	492597	WASHER, FLAT 9.5 X 22.2	3	
20	18162	PANEL, REAR WHEEL COVER	1	
21	18222	PLATFORM, OPERATOR	1	
22	EM963057	SCREW, HHC 3/8"-16 X 1-1/2"	1	REPLACES P/N 492313
23	492406	SCREW, HHC 5/8"-11 X 1-1/2"	2	
24	492363	SCREW, HHC 5/16"-18 X 3/4"	3	
27	2105164	NUT, HEX 5/16"-18	3	REPLACES P/N 492553
28	18173	LATCH, PLATFORM	1	

HANDLE/FOOT DUMP CONTROLS ASSY.

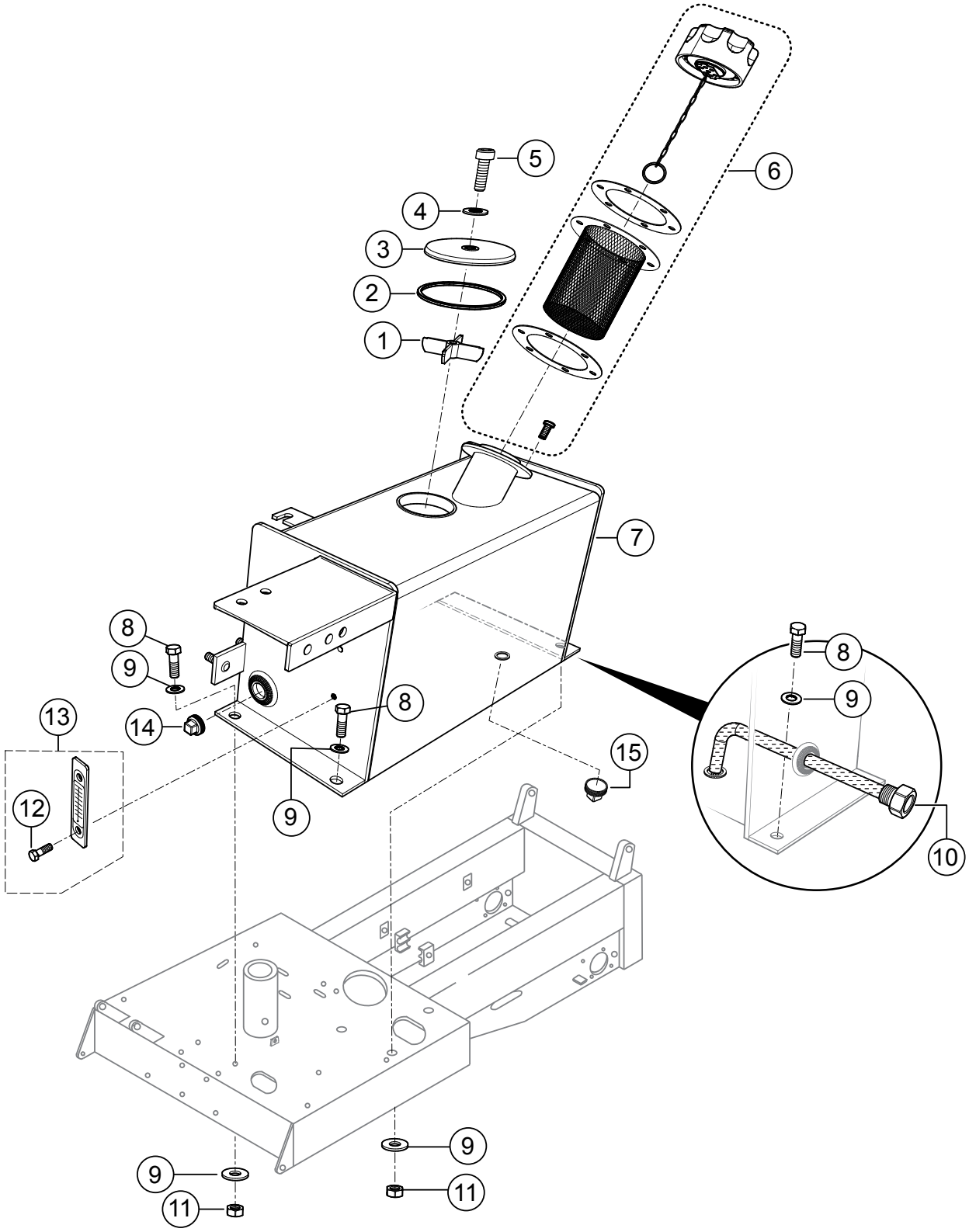


△1 REFERENCE HYDRAULIC DUMP ASSY.

HANDLE/FOOT DUMP CONTROLS ASSY.

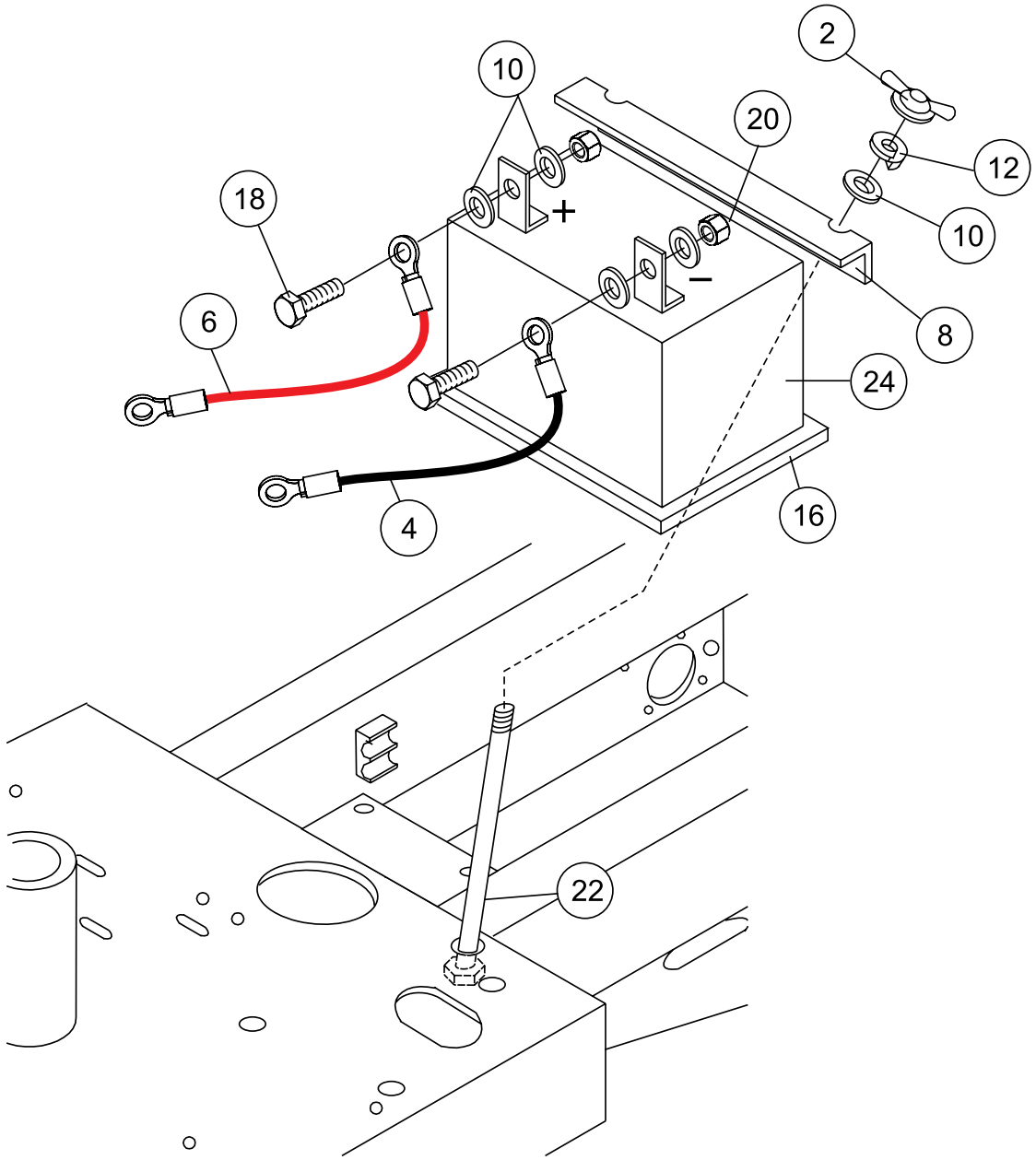
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	492401	SCREW, HHC 1/2"-13 X 4	1	
2	503119	NUT, NYLOC 3/16"	1	
3	18121	KNOB, LEVER	1	
4	18065	LEVER, DUMP VALVE	1	
5	512185	SCREW, HHC 1/4"-20 X 1-3/4"	2	
6	492622	WASHER, FLAT 1/4"	4	
7	512183	SCREW, HHC 3/16"-24 X 1-1/4"	1	
8	18064	VALVE, DUMP	1	INCLUDES ITEMS W/$
8A	18064SK	SEAL KIT, DUMP VALVE	1	
9$		PIN, DUMP VALVE CROSS	1	NOT SOLD SEPARATELY
10	492596	WASHER, FLAT 1/4"	1	
11	492581	NUT, NYLOC 1/4"-20	1	
12	492584	NUT, NYLOC 1/2"-13	2	
13	492600	WASHER, FLAT 1/2"	1	
14	18152	PEDAL, DUMP VALVE	1	
15	18123	CLEVIS ASSY., DUMP VALVE	2	
16	492574	NUT, HEX 3/8"	2	
17	18153	ROD, DUMP VALVE	1	
18	492400	SCREW, HHC 1/2"-13 X 3-1/2"	1	
19	18122	BELL CRANK, DUMP VALVE	1	
20	512200	BUSHING, BRONZE	2	
21	803151	STOP, STEERING	1	
22	492467	SET SCREW, 5/16" X 3/8" NC	2	
23	503901	ZERK FITTING 1/4"-28	1	

HYDRAULIC OIL TANK ASSY.



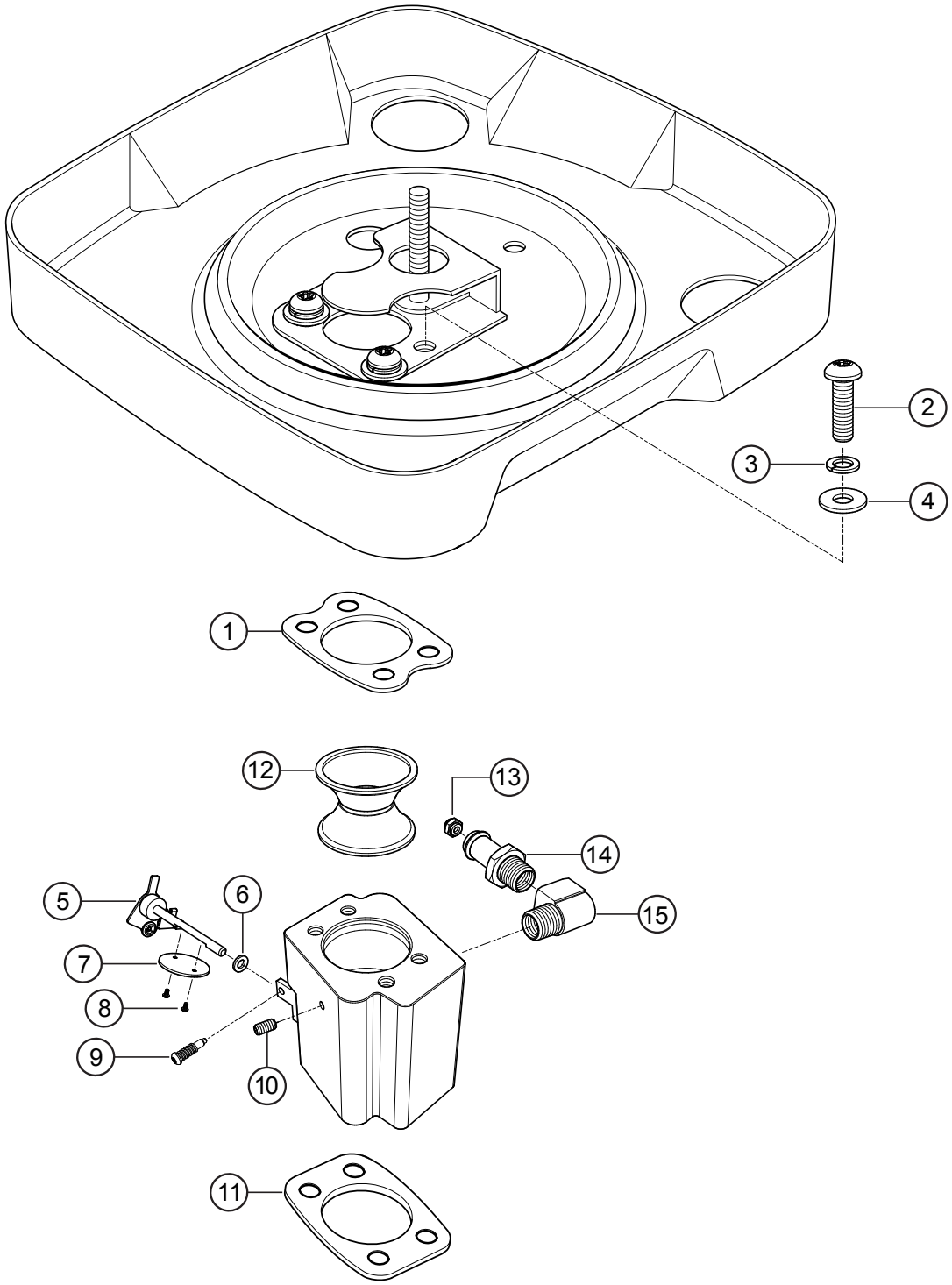
HYDRAULIC OIL TANK ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	520461	RETAINER	1	
2	801791	O-RING	1	
3	520460	COVER	1	
4	520343	O-RING	1	
5	510717	BOLT, 1/2"NC X 1-3/4"	1	
6	EM16477	CAP, HYDRAULIC OIL TANK	1	
7	18125	TANK, HYDRAULIC OIL	1	USED W/ EATON PUMP UP TO S/N R07150 JULY 2024
7	808773	TANK, HYDRAULIC OIL	1	USED W/ HYDRO-GEAR PUMP BEGINNING S/N R08126 AUGUST 2024
8	EM963610	SCREW, HHC 3/8" X 1-1/4"	3	REPLACES P/N 492376
9	3019092	WASHER, FLAT 3/8"	6	REPLACES P/N 492598
10	18229	SCREEN, OIL RESERVOIR	1	
11	EM969013	NUT, NYLOC 3/8"-16	3	REPLACES P/N 492583
12%		SCREW	2	NOT SOLD SEPARATELY
13	18052	SIGHT GAUGE, HYD. OIL TANK	1	INCLUDES ITEMS W/%
14	491213	PLUG, HYD. OIL TANK 3/4"-14 NPT	1	
15	506094	PLUG, HYD. OIL TANK 1/2" NPT	1	


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BATTERY ASSY.

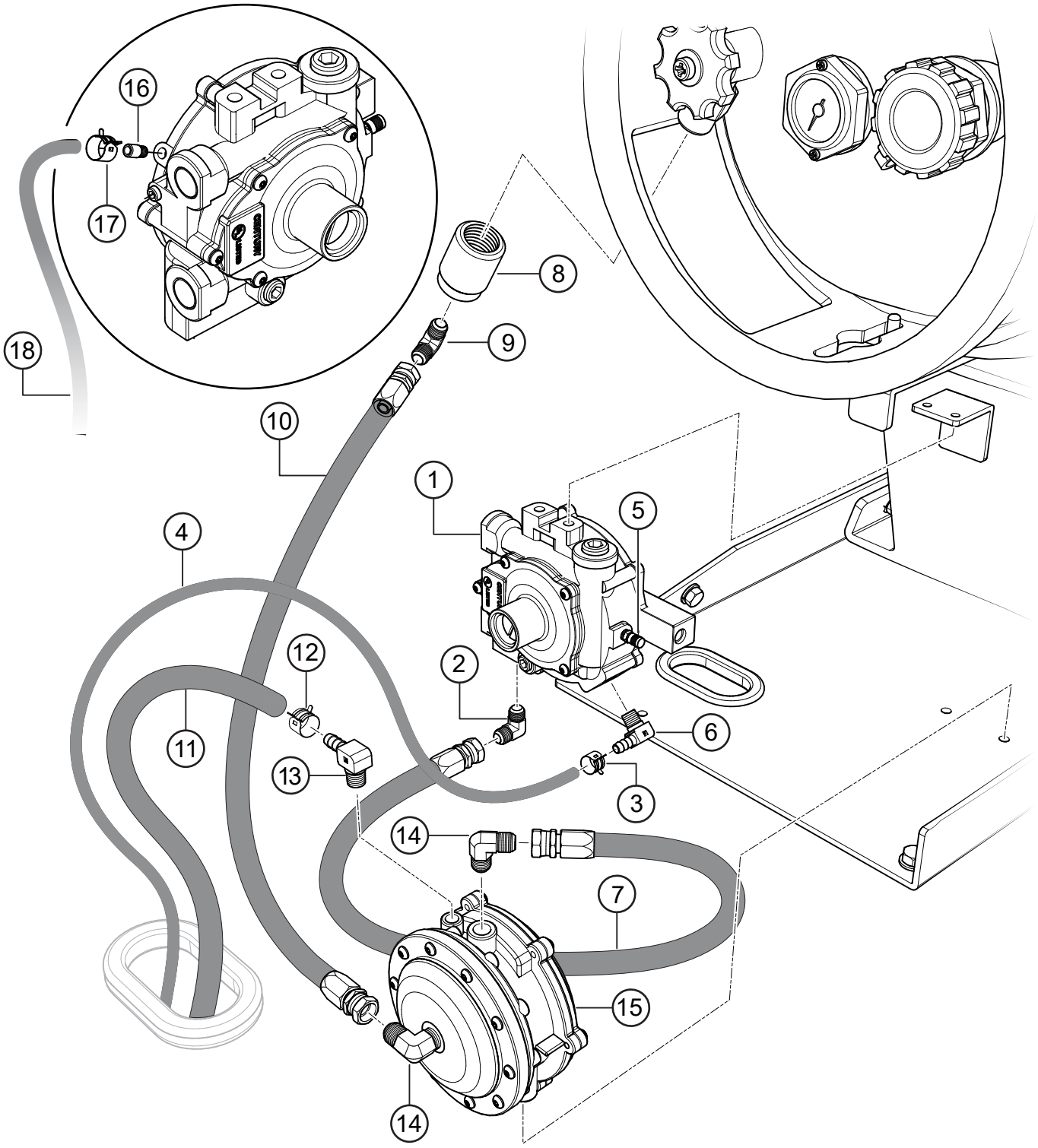
NO.	PART NO.	PART NAME	QTY.	REMARKS
2	505500	WINGNUT	2	
4	512557	BATTERY CABLE, NEGATIVE	1	
6	511250	BATTERY CABLE, POSITIVE	1	
8	512555	BATTERY SUPPORT BRACKET	1	
10	EM92305	WASHER, FLAT 1/4"	6	REPLACES P/N 492596
12	2101402	WASHER, LOCK 1/4"	2	REPLACES P/N 492622
16	508480	BATTERY SUPPORT PLATFORM	1	
18	503118	BOLT 3/16" X 1"	2	
20	503119	NUT 3/16"	2	
22	512585	SUPPORT BRACKET BOLT	2	
24	4671	BATTERY	1	


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CARBURETOR ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	PS692081	AIR CLEANER GASKET	1	
2	PS327431	SCREW, BTN. HD. SOC 1/4"-20X5/8"	4	
3	PS32533	WASHER, LOCK 1/4"	4	
4	PS453023	WASHER, FLAT 1/4"	4	
5	PS809062	SHAFT, THROTTLE	1	
6	PS690722	SPACER, NEOPRENE	1	
7	PS806132	VALVE, THROTTLE	1	
8	PS690718	SCREW, THROTTLE SHAFT	2	
9	PS699721	KIT, IDLE SPEED	1	
10	PS260418	SET SCREW 10-32X1/4"	1	
11	PS691694	INTAKE GASKET	1	
12	PS620145	AIR VENTURE #22, 0.680 ID	1	
13	PS620100141	FUEL JET, 0.141 (0-2000 FT.)	1	
13	PS620100139	FUEL JET, 0.139 (2000-4000 FT.)	1	
13	PS620172	FUEL JET, 0.136 (4000-5000 FT.)	1	
13	PS620100135	FUEL JET, .0135 (5000 FT. AND ABOVE)	1	
14	PS620135	BRASS FITTING 3/8"PTX1/2" BARB	1	
15	PS151220	BRASS STREET ELBOW 3/8"X3/8" NPT	1	

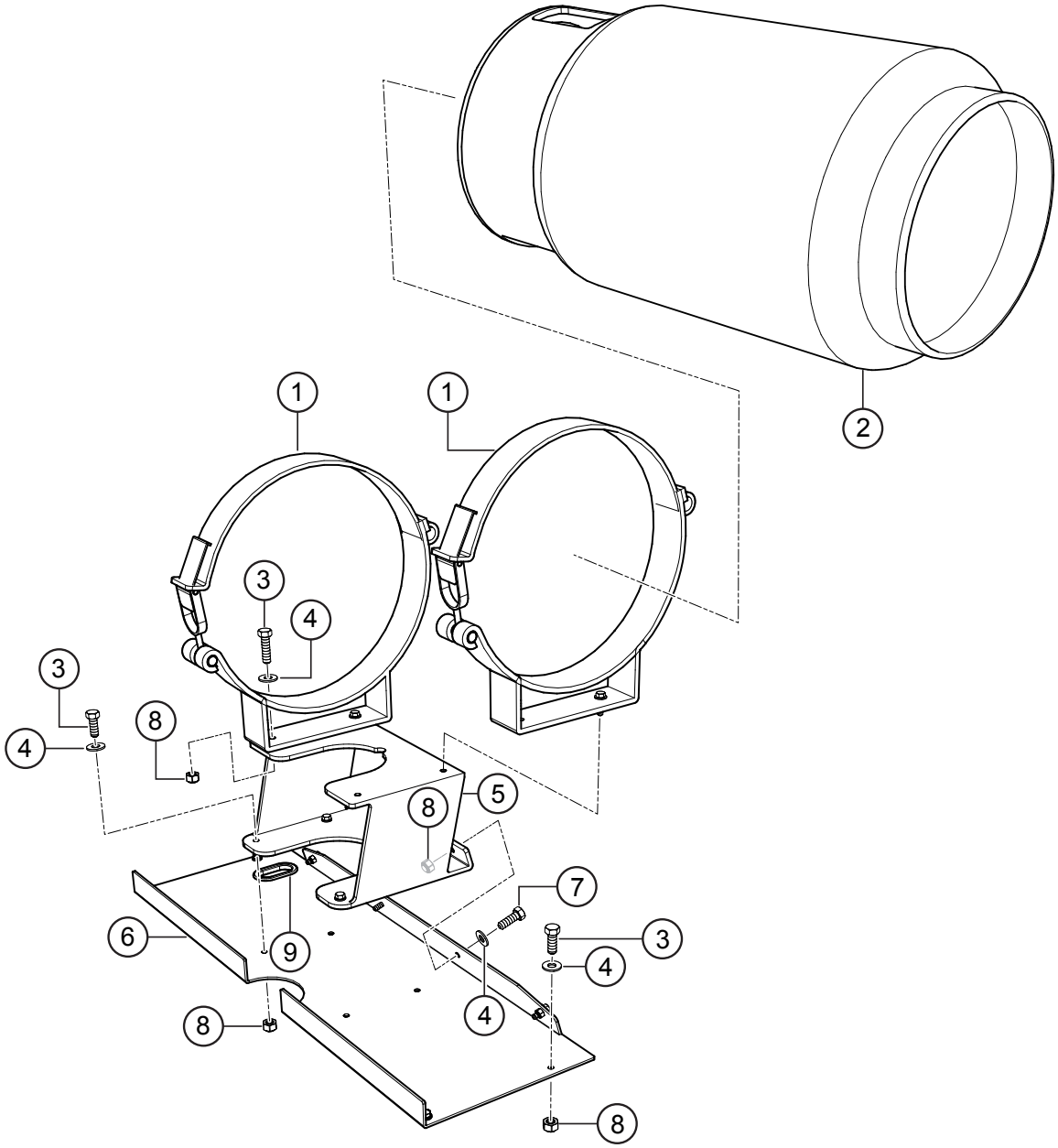
REGULATOR AND VACUUM VALVE ASSY.



REGULATOR AND VACUUM VALVE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	R151471	PRESSURE REGULATOR	1	
2	R151216	BRASS 90° MALE ELBOW 3/8"X1/4" NPT	1	
3	R151238	CLAMP, SCREW #10	2	
4	PS150013	LOW PRESSURE HOSE, 50"	1	
5	PSVB1	SCHRADER VALVE	1	
6	R151298	BRASS 90° ELBOW 3/8"X1/2" NPT BARB	1	
7	PS150012	HIGH PRESSURE HOSE 14"	1	
8	R151260	QUICK DISCONNECT 1-1/4" X 1/4 ACME LH" NNPT FM	1	
9	R151218	BRASS 45° ELBOW 3/8"X1/4" NPT	1	
10	R151474	PROPANE HOSE, PRESSURE 30"	1	
11	PS150024	VACUUM LINE, 1/4"X60" ID	1	
12	R2412146	HOSE CLAMP, SPRING 1/4"	2	
13	R151239	BRASS 90° ELBOW, 1/4"X1/4" MNPT BARB	1	
14	R151216	BRASS 90° MALE ELBOW 3/8" X 1/4" MNPT	2	
15	PSVFF303P	VACUUM FUEL LOCK W/PRIMER	1	
16	TBD	STRAIGHT FITTING	1	
17	TBD	TENSION CLAMP	1	
18	TBD	HOSE, BREATHER	1	

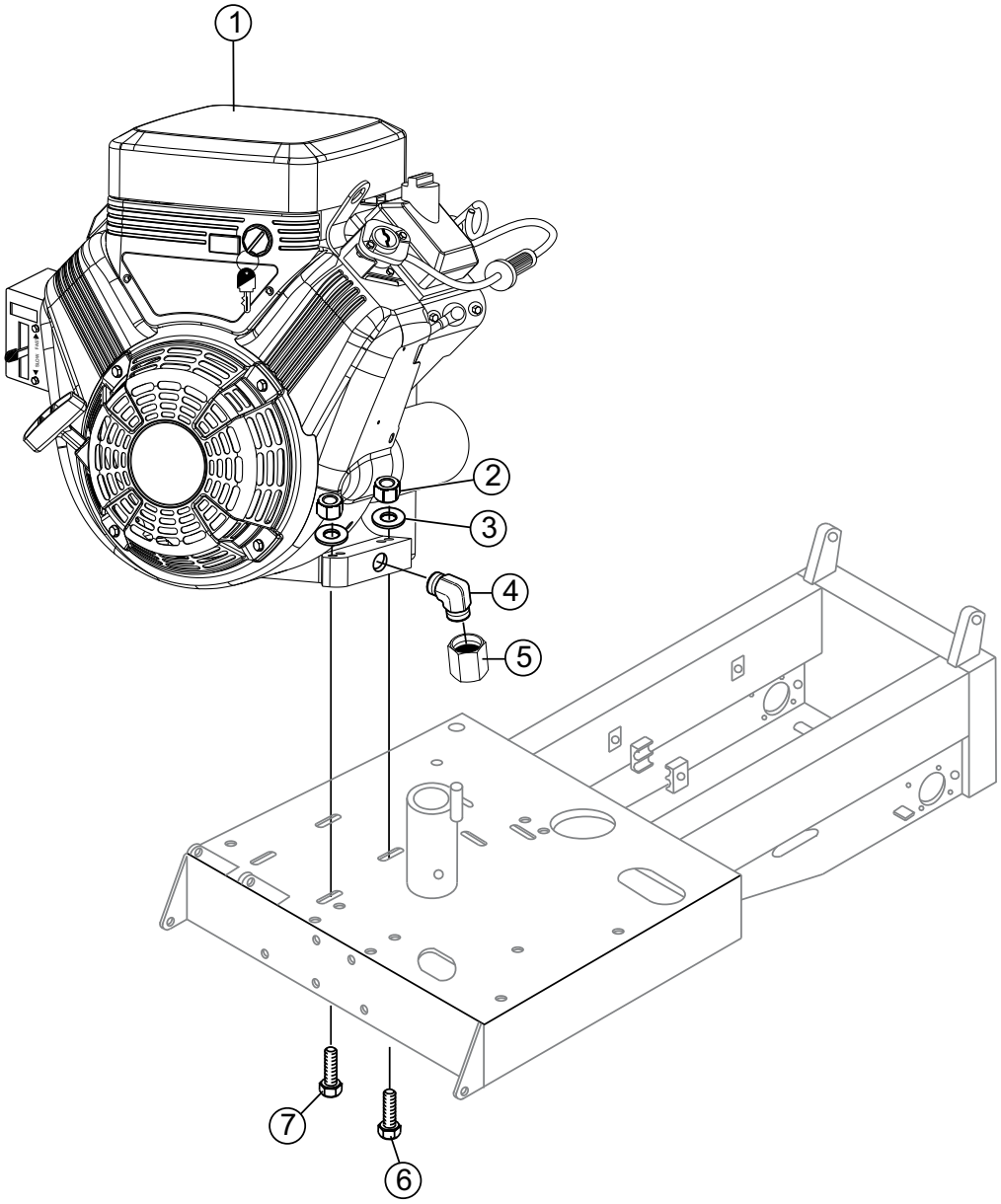
PROPANE TANK ASSY.



PROPANE TANK ASSY.

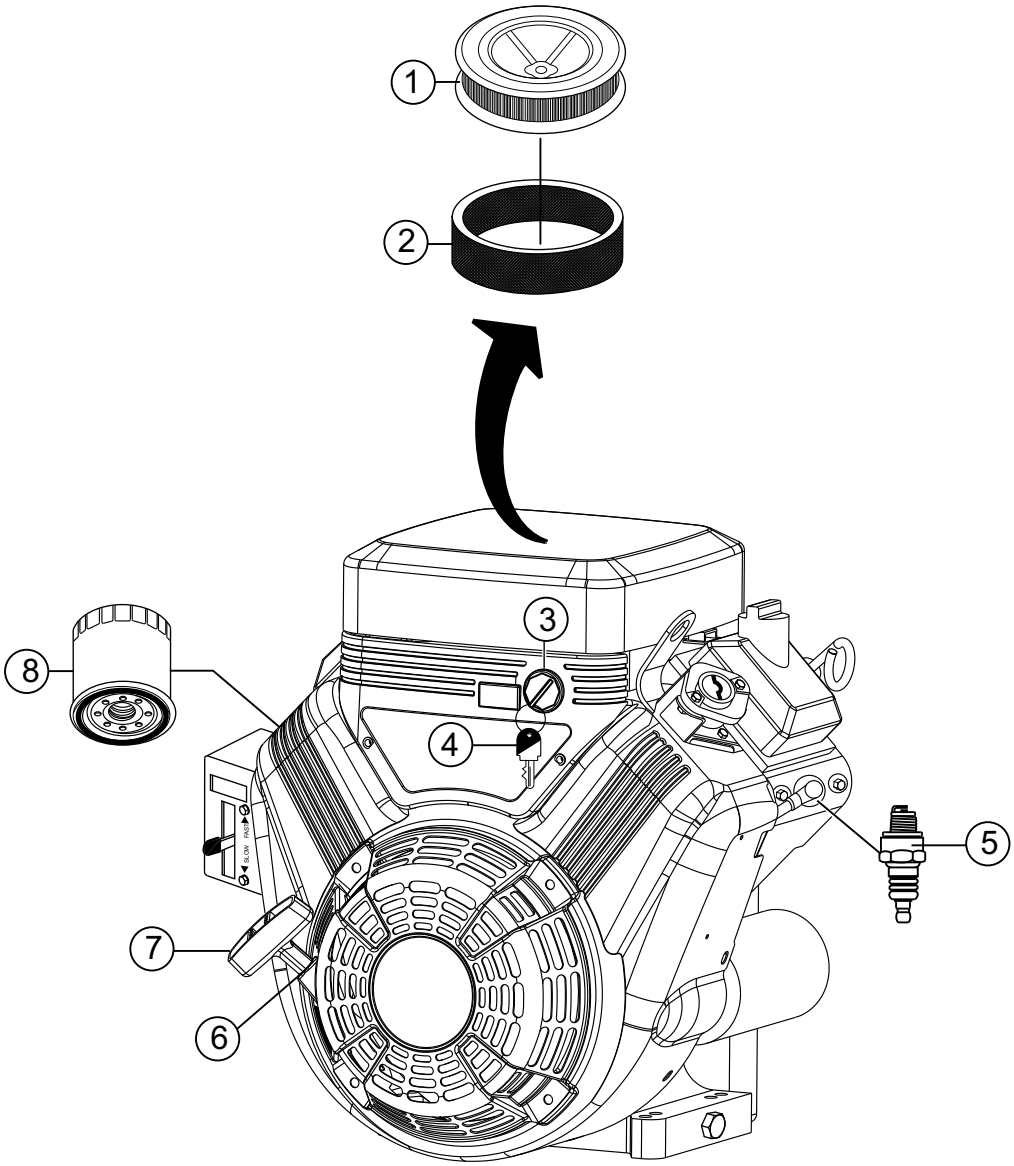
NO.	PART NO.	PART NAME	QTY.	REMARKS
1	R151166	STRAP, PROPANE TANK	2	
2	PS151330	TANK, 33.5 LB. PROPANE, HORIZONTAL VAPOR	1	
3	R3224	BOLT, HEX HD. 5/16-18"X7/8"	2	
4	R453009	WASHER, FLAT 5/16" SAE	16	
5	PS150010	TANK STAND ASSY.	1	
6	PS150011	CHASSIS PLATE ASSY.	1	
7	R300102	BOLT, HEX HD. 5/16-18"X1" GR5	14	
8	R1048300	LOCKNUT, 5/16-18" FLANGED ZINC	16	
9	R24012	GROMMET	1	

ENGINE MOUNTING ASSY.



ENGINE MOUNTING ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	3564470394G1	ENGINE, B&S 18HP VANGUARD	1	
2	492581	NUT, NYLOC 5/6"	4	
3	EM923023	WASHER, FLAT 3/8"	4	REPLACES P/N 505679
4	513593	90° FITTING	1	
5	513594	ADAPTER PLUG	1	
6	492368	SCREW, 5/16" NC X 2" GRD 5	1	GROUND CONNECTION
7	2105162	SCREW, 5/16" NC X 1-3/4" GRD 5	3	REPLACES P/N 492367


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NO.	PART NO.	PART NAME	QTY.	REMARKS
1	394018S	AIR FILTER	1	
2	272490S	PRE-CLEANER	1	
3	692318	IGNITION SWITCH, W/KEY	1	
4	691959	IGNITION KEY SET	2	
5	496018S	SPARK PLUG, CHAMPION	2	
6	66574	ROPE STARTER	1	
7	808167	GRIP STARTER	1	
8	842921	OIL FILTER	1	

PARTS MANUAL

HERE'S HOW TO GET HELP

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

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