



High-Flow Hydraulic Kit Workman® Heavy Duty Utility Vehicle for year 2002 and After

Model No. 07228

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Description	Page	Description	Page
Pump and Cooler Assembly	 3	Tank and Mounting Assembly	 6
Hydraulic Pump Assembly No. 105-4198	 4	Hose and Fitting Assembly	 7
Hydraulic Manifold Assembly No. 105-4243	 5	Hose Installation Assembly	 8

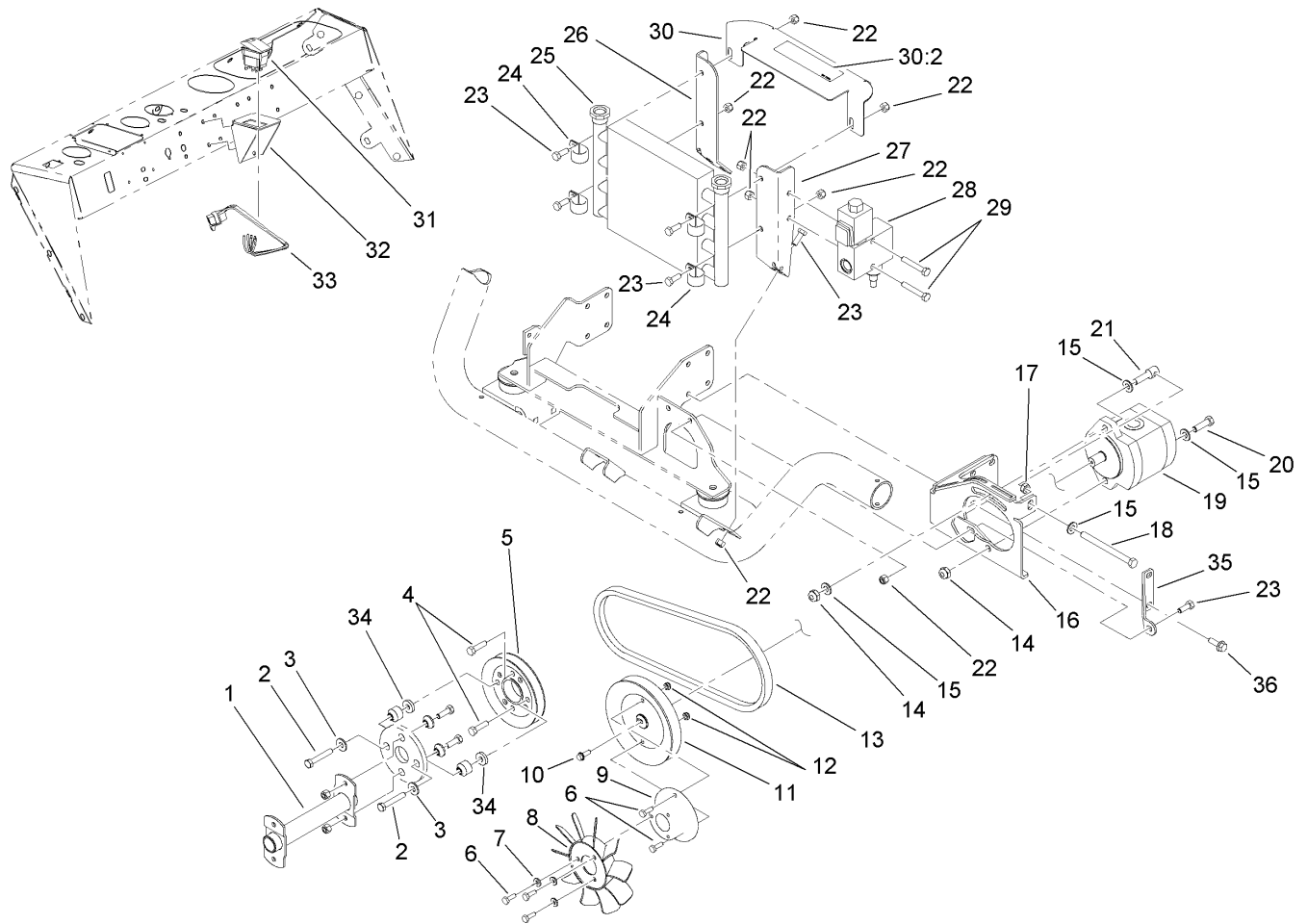
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

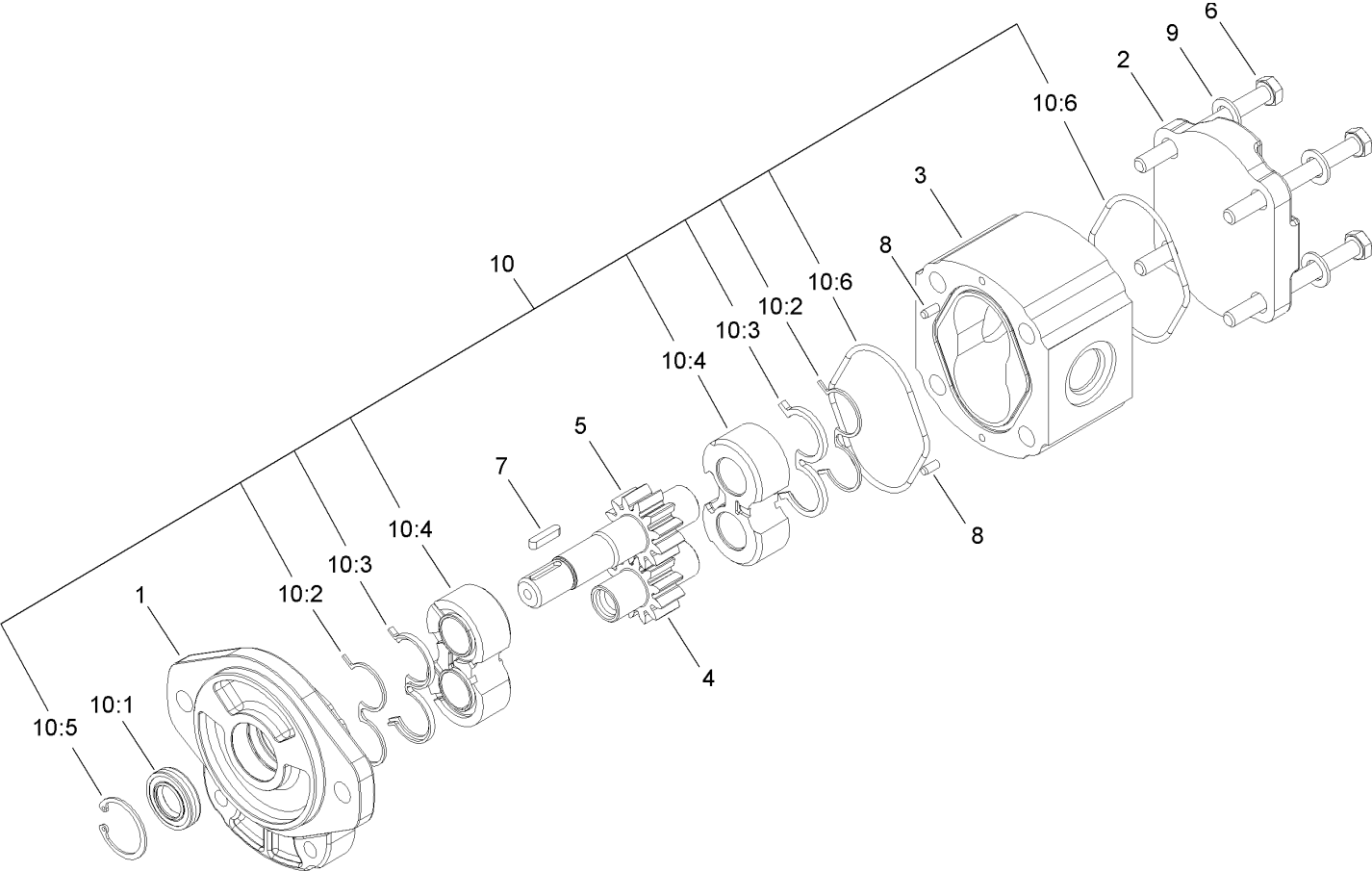
- ❶ Not serviced separately



Pump and Cooler Assembly

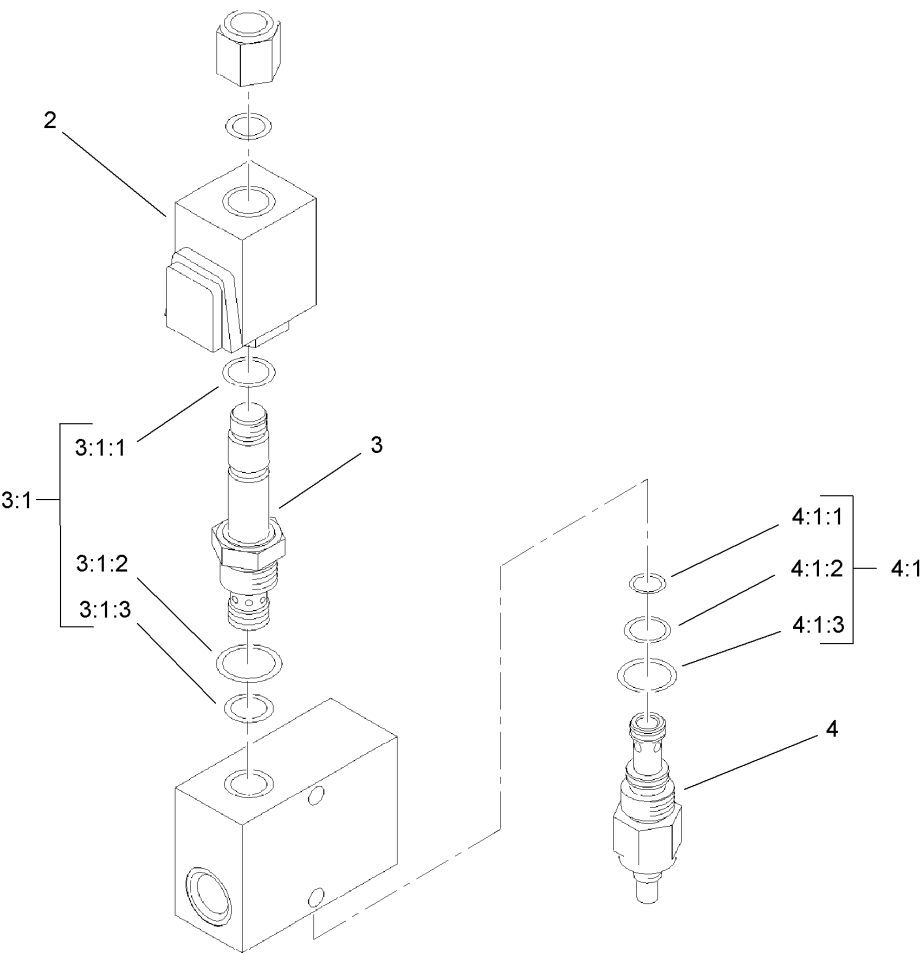
Ref	Part No.	Qty.	Description
1	105-4234-03	1	Driveshaft ASM
2	33114-050	2	Screw-HH
3	3256-3	2	Washer-Flat
4	33114-030	2	Screw-HH
5	105-1741	1	Pulley
6	321-4	5	Screw-HH
7	3256-16	3	Washer-Flat
8	1-633869	1	Fan-Pump, Cooling
9	105-4211	1	Hub-Adapter, Fan
10	3234-4	1	Screw-HHF
11	105-4156	1	Pulley ASM
12	3296-56	2	Nut-Lock, NI
13	105-7965	1	V-Belt
14	3296-44	2	Nut-Lock, NI
15	3256-24	4	Washer-Flat
16	112-3022-03	1	Mount Bracket ASM
17	3217-7	1	Nut-Hex
18	92-2652	1	Bolt-TAP
19	105-4198	1	Pump-HYD
20	323-7	1	Screw-HH
21	105-4157	1	Bolt-Guide
22	3296-29	12	Nut-Lock, NI
23	322-4	10	Screw-HH
24	105-4216	4	Clamp

Ref	Part No.	Qty.	Description
25	85-9460	1	Cooler-Oil
26	105-4178-03	1	Bracket-Cooler, RH
27	105-4177-03	1	Bracket-Cooler, LH
28	105-4243	1	HYD Manifold ASM
29	322-10	2	Screw-HH
30	105-7988	1	Shroud-Cooler
30:2	105-7966	1	Decal-Danger, Fan
31	105-4232	1	Switch
32	105-7979	1	Bracket-Switch
33	105-8513	1	Harness-Wire
34	105-9516	2	Spacer
35	112-3186	1	Bracket-Reinforcement
36	33104-025	4	Screw-HHF



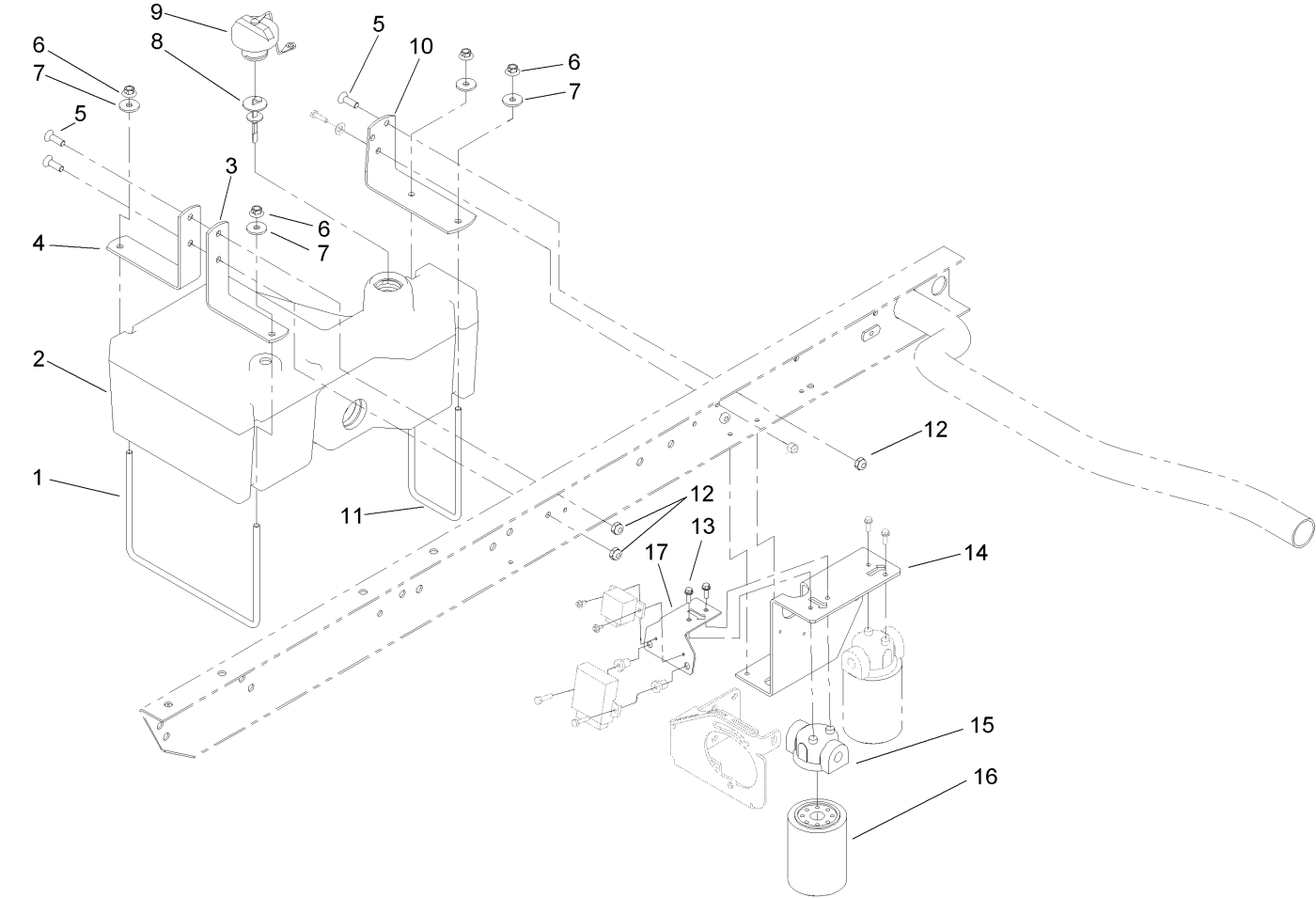
Hydraulic Pump Assembly No. 105-4198

Ref	Part No.	Qty.	Description				
❶1		1	Housing-Sec				
❷2		1	Housing-Pec				
❸3		1	Housing-Gear				
❹4		1	Gear-Driven				
❺5		1	Gear-Drive				
❻6		4	Capscrew				
7	98-4700	1	Key-Square				
❽8		2	Pin-Dowel				
❾9		4	Washer				
10	110-2567	1	Seal Kit				
❶10:1		1	Seal-Lip				
❷10:2		2	Seal-Back Up				
❸10:3		2	Seal-Channel				
❹10:4		2	Bushing-Block				
❺10:5		1	Ring-Snap				
❻10:6		2	O-Ring				



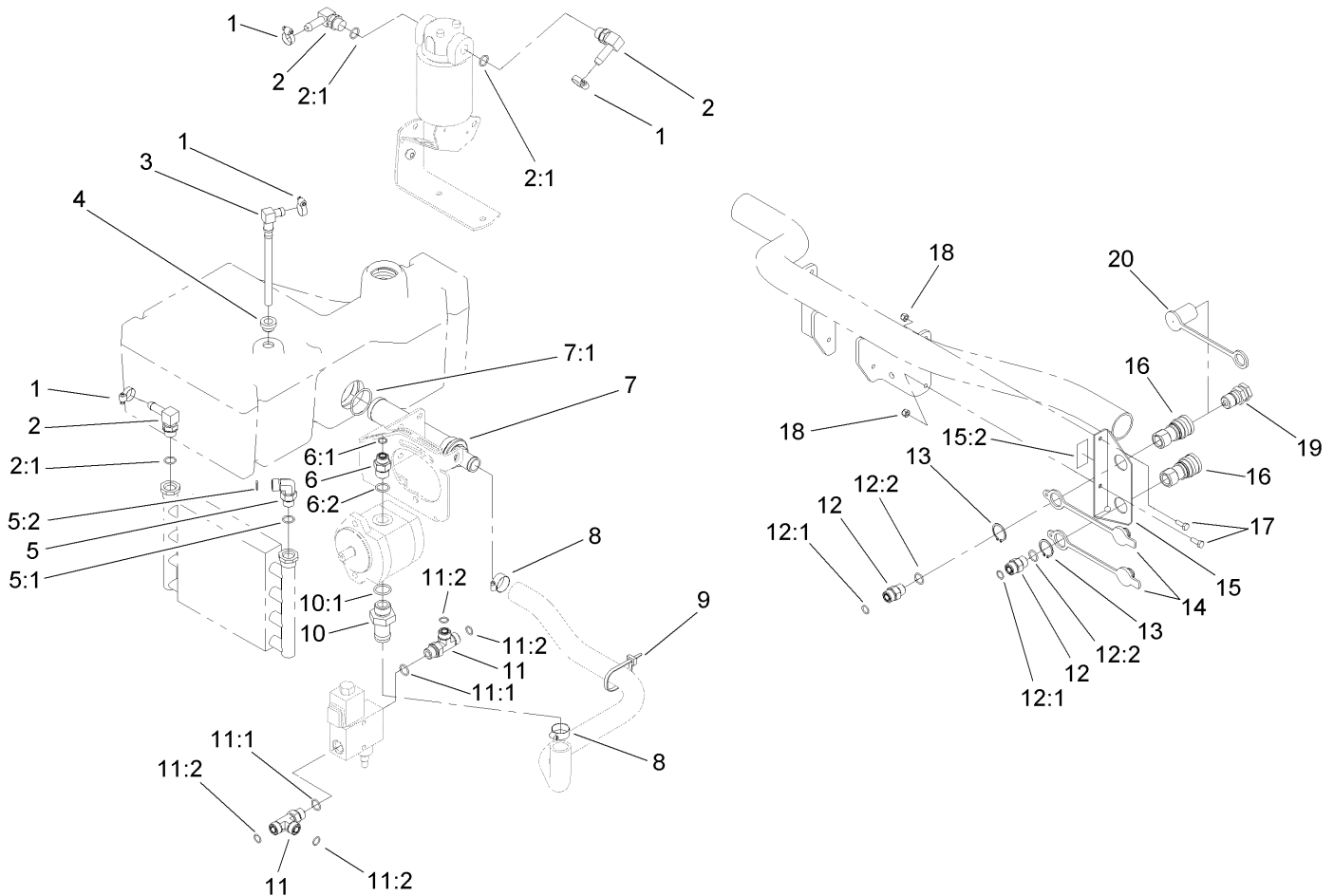
Hydraulic Manifold Assembly No. 105-4243

Ref	Part No.	Qty.	Description				
2	83-2010	1	Coil ASM				
3	93-7494	1	Cartridge				
3:1	95-5645	1	Seal Kit				
❶3:1:1		1	Seal-Dust				
❶3:1:2		1	Seal-Dust				
❶3:1:3		1	P-Ring				
4	105-4249	1	Cartridge-Relief				
4:1	105-3334	1	Seal Kit				
❶4:1:1		1	Seal-Dust				
❶4:1:2		1	Seal-Dust				
❶4:1:3		2	Ring-Backup				



Tank and Mounting Assembly

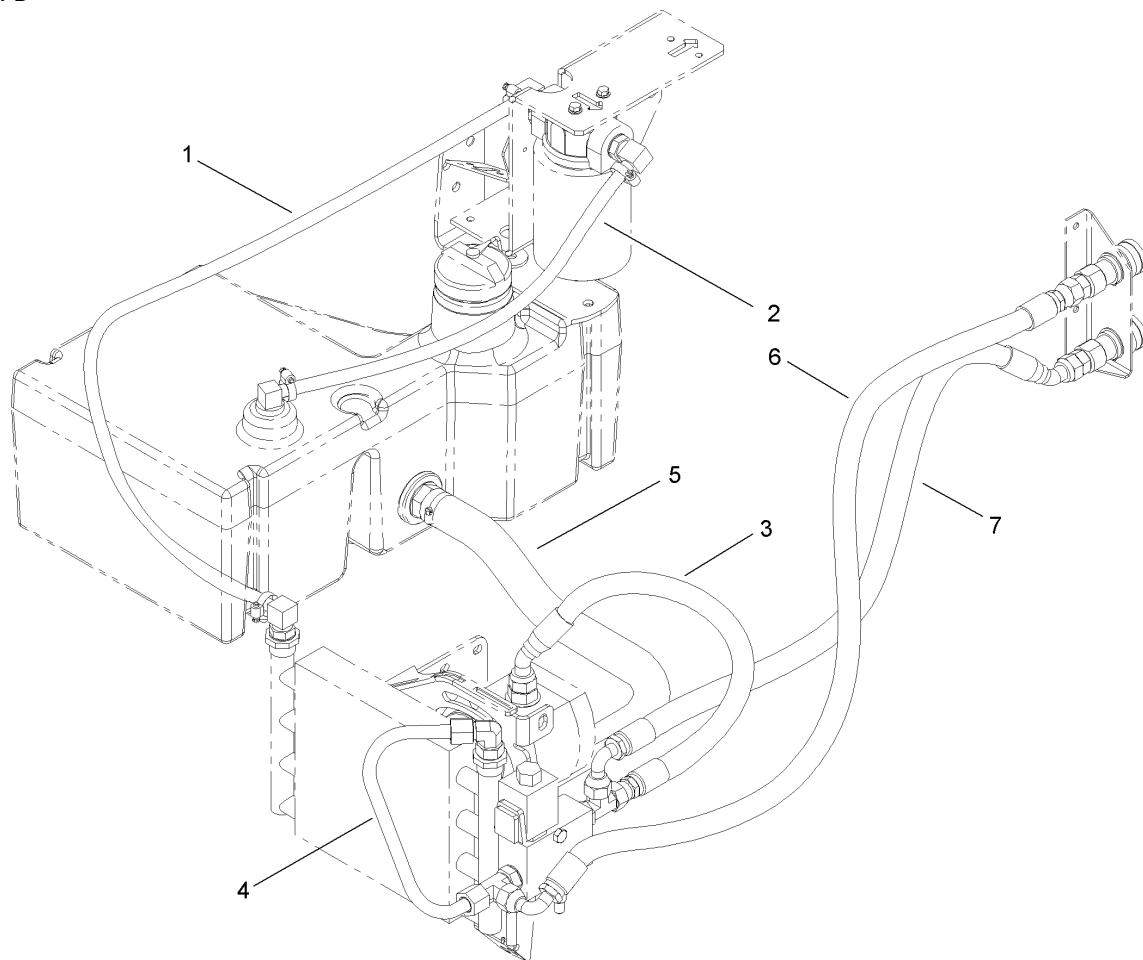
Ref	Part No.	Qty.	Description				
1	105-1716	1	U-Bolt				
2	105-1729	1	Tank-HYD				
3	105-1730	1	Bracket-Support, Front				
4	105-1757	1	Bracket-Support, Front				
5	99-8051	3	Screw				
6	32128-19	4	Nut-HF				
7	62-7170	4	Spacer-Rubber				
8	105-2812	1	Dipstick ASM				
9	93-7160	1	Cap-Oil, HYD				
10	107-8005	1	Bracket-Support, Rear				
11	105-1715	1	U-Bolt				
12	3296-44	3	Nut-Lock, NI				
13	3234-4	2	Screw-HHF				
14	105-1747-03	1	Bracket-Mount, Filter				
15	87-8780	1	Head-Filter				
16	54-0110	1	Filter-Oil, Transmission				
17	110-2514	1	Bracket-Mount				



Hose and Fitting Assembly

Ref	Part No.	Qty.	Description
1	2412-36	4	Clamp-Hose
2	354-120	3	Fitting-HYD, 90 DEG
2:1	237-79	1	O-Ring
3	104-0791	1	Pipe-Stand
4	104-0790	1	Bushing
5	340-98	1	Fitting-HYD, 90 DEG
5:1	237-79	1	O-Ring
5:2	237-30	1	O-Ring
6	340-6	1	Fitting-HYD, Straight
6:1	237-30	1	O-Ring
6:2	237-80	1	O-Ring
7	104-7546	1	Strainer-Tank
7:1	340-136	1	O-Ring
8	2412-34	2	Clamp-Hose
9	3290-378	1	Tie-Cable
10	99-3017	1	Fitting
10:1	237-81	1	O-Ring
11	340-109	2	Fitting-HYD, Tee
11:1	237-79	1	O-Ring
11:2	237-30	2	O-Ring
12	340-4	2	Fitting-HYD, Straight
12:1	237-30	1	O-Ring
12:2	237-79	1	O-Ring
13	32120-2	2	Ring-Retaining

Ref	Part No.	Qty.	Description
14	105-7962	2	Plug-Dust
15	105-7978	1	Coupler Bracket ASM
15:2	105-7977	1	Decal
16	105-4169	2	Coupler-Female
17	321-4	2	Screw-HH
18	3296-42	2	Nut-Lock, NI
19	105-4170	1	Coupler-Male
20	105-7963	1	Cap-Dust



Hose Installation Assembly

Ref	Part No.	Qty.	Description				
1	105-7950	1	Hose-Return				
2	105-7951	1	Hose-Return				
3	92-2406	1	HYD Hose ASM				
4	105-4235	1	Tube-HYD				
5	105-7955	1	Hose-Suction				
6	105-4193	1	HYD Hose ASM				
7	105-4192	1	HYD Hose ASM				

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