Form Number 3326-599 Rev A

Groundsmaster® 3500-D

Model No. 30821 - 210000701 and up.

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.

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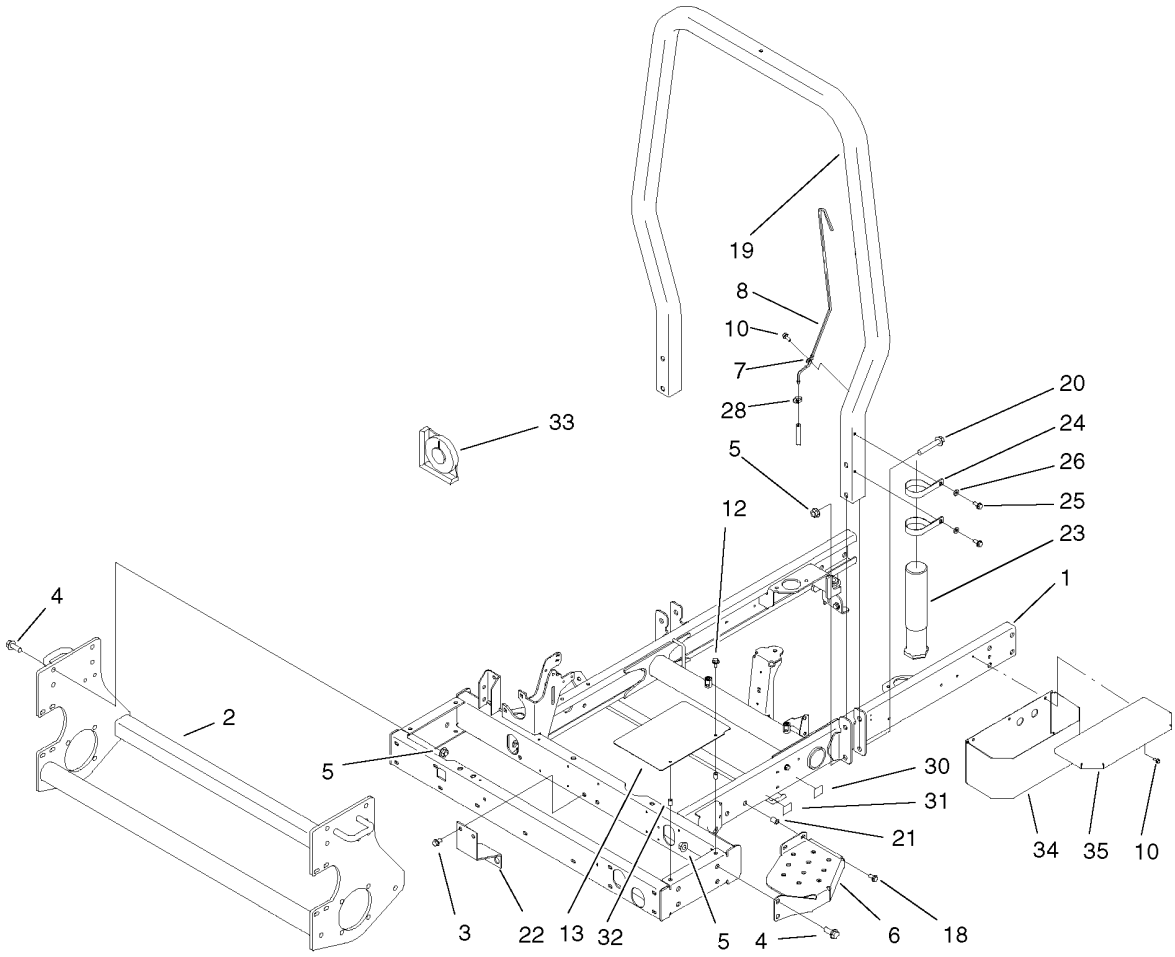
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

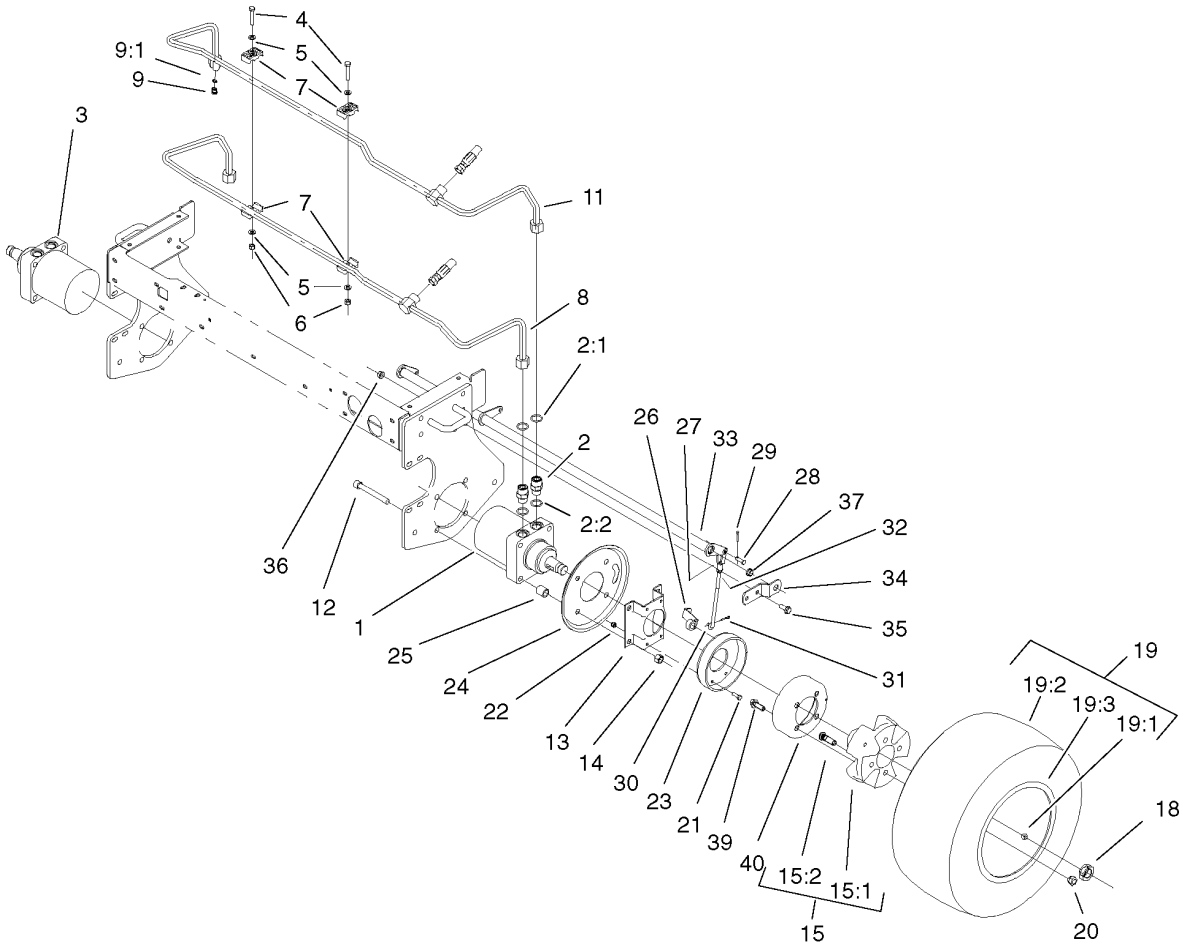
❶ Not serviced separately
❷ * Not Illustrated
❸ <13> Not serviced



Frame and Platform Assembly

Ref	Part No.	Qty.	Description
1	99-3610-03	1	Frame
2	95-8568-03	1	Frame-Lower
3	3274-80	2	Screw-HSBH
4	3234-38	8	Screw-Hfh
5	32128-49	12	Nut-Hex. Flange
6	99-3375-03	1	Step
7	2412-72	3	Insulated Closed Clip
8	95-8615	1	Tube-Breather
10	32144-10	11	Screw
12	3234-4	2	Screw-Sq. HD. Set
13	104-0468-01	1	Cover-Frame
18	3234-5	2	Screw-Hex. HD. Flange
19	99-3350-03	1	Tube-ROPS
20	3234-40	4	Screw-Hfh
21	32148-8	2	Locknut
22	95-8598-03	1	Bracket-Bulkhead, Scissor
23	74-0720	1	Tube-Manual
24	2412-133	2	Clamp-Tube
25	32144-70	2	Screw-Hex. HD.
26	3256-23	2	Washer-Flat
28	2412-108	1	Clamp-Worm
30	63-9920	1	Decal-Noise
31	85-6930	1	Decal-Noise Rating
32	32148-6	2	Insert-Threaded

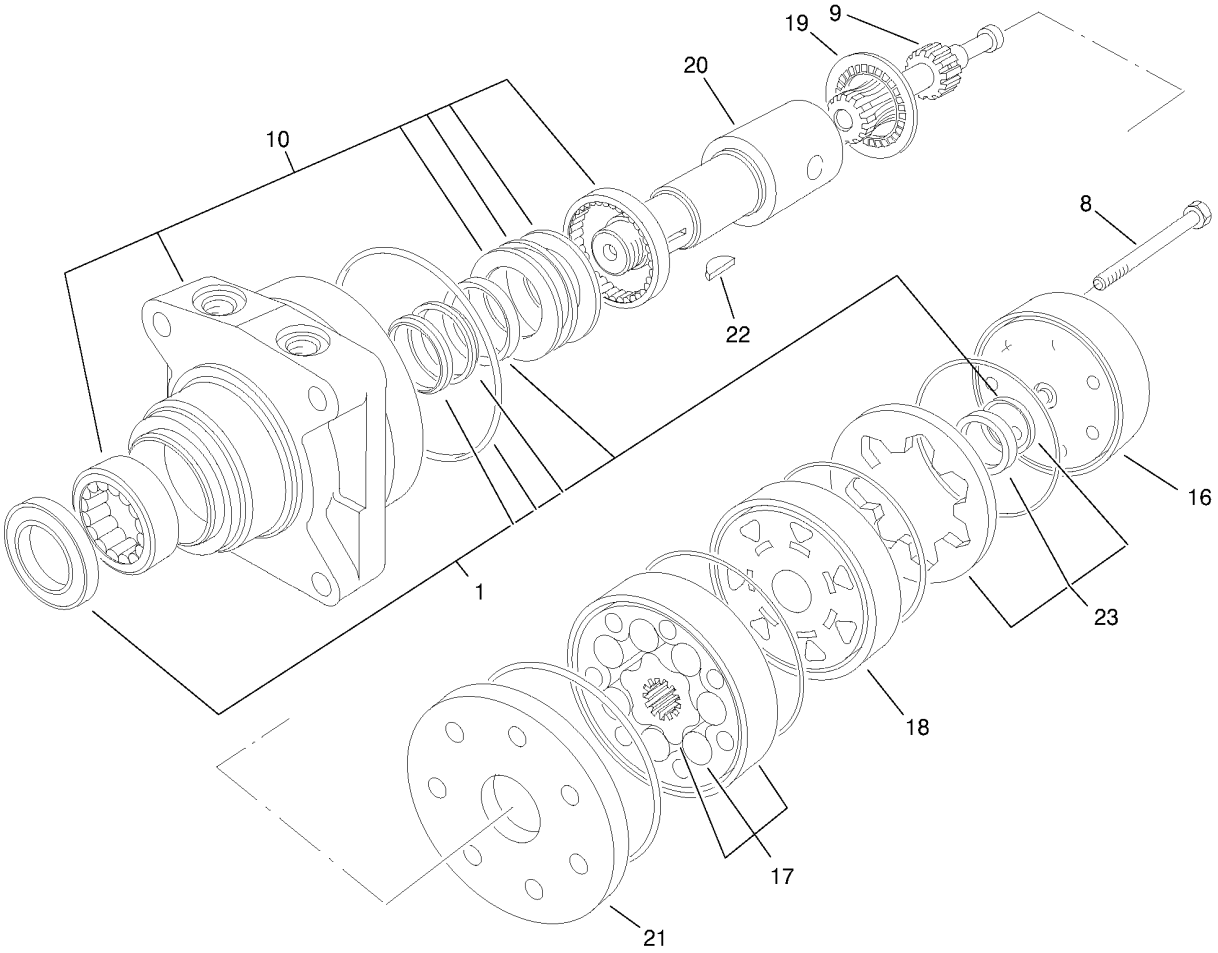
Ref	Part No.	Qty.	Description
33	99-3503	1	Tool-Angle Locator
34	104-4634-03	1	Toolbox ASM
35	104-4633-03	1	Toolbox Cover ASM



Front Wheel and Brake Assembly

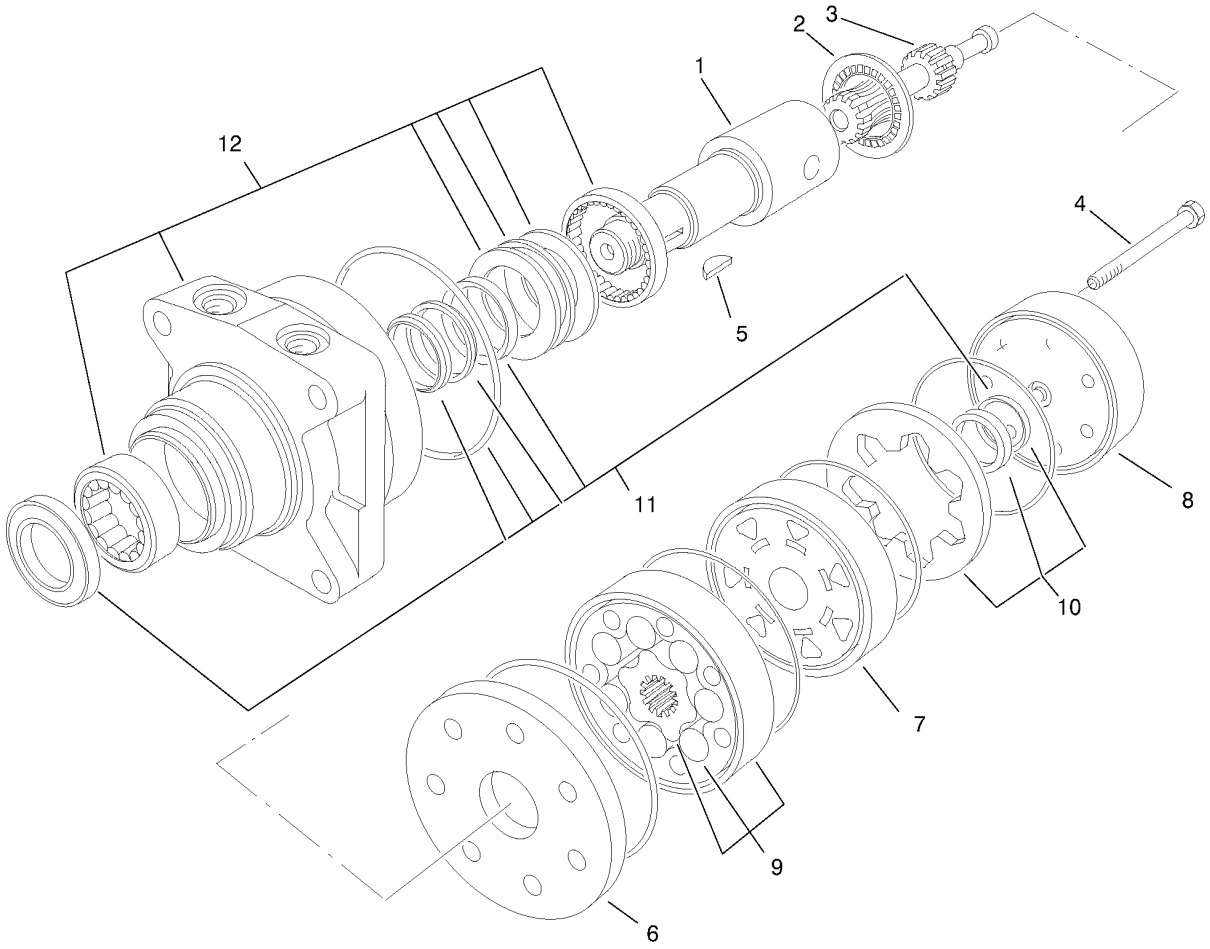
Ref	Part No.	Qty.	Description
1	75-9990	1	Motor-Hydraulic
2	340-7	4	Adapter
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	95-8693	1	Motor-Hydraulic
4	322-9	2	Screw-Hex HD. Cap
5	3256-23	4	Washer-Flat
6	3296-29	2	Nut-Lock, NI
7	56-7971	4	Clamp-Tube
8	95-8783	1	Tube Assembly
9	353-990	1	Plug (Incl. Ref. No.54)
9:1	237-78	1	"o"ring
11	95-8784	1	Tube Assembly
12	3274-99	8	Screw-HSH
13	84-2000-03	2	Bracket-Brake
14	3296-23	8	Nut-Lock
❸15		2	Wheel Hub / Stud ASM
15:1	104-0462-03	1	Hub-Wheel
15:2	10-6830	4	Stud-Type, Drive
18	26-3790	2	Nut-Lock
❸19		2	Tire & Wheel ASM
19:1	232-27	1	Valve Stem W/Cap
19:2	104-0451	1	Tire
19:3	104-0452	1	Rim-Wheel

Ref	Part No.	Qty.	Description
20	242-50	8	Nut-Lug
21	321-5	8	Screw-Hex HD. Cap
22	3296-42	8	Nut-Lock
23	104-7705	2	Brake ASM
24	104-0485-03	2	Shield-Wheel
25	92-1715	8	Spacer-Front Wheel
26	93-6850	2	Brake Lever Assembly
27	282-2	2	Clevis
28	283-1	2	Pin-Clevis
29	3272-10	2	Pin-Cotter
30	104-4627	2	Rod-Adjusting
31	3272-6	2	Pin-Cotter
32	3220-2	2	Nut-Jam
33	104-4625-03	1	Brake Pivot Shaft ASM
34	95-8683	2	Bracket-Pivot, Brake
35	3234-11	4	Screw-HHF
36	32128-43	4	Nut-Flange
37	256-156	2	Bushing
39	3274-105	8	Screw-HSBH
40	104-4809	2	Drum-Brake



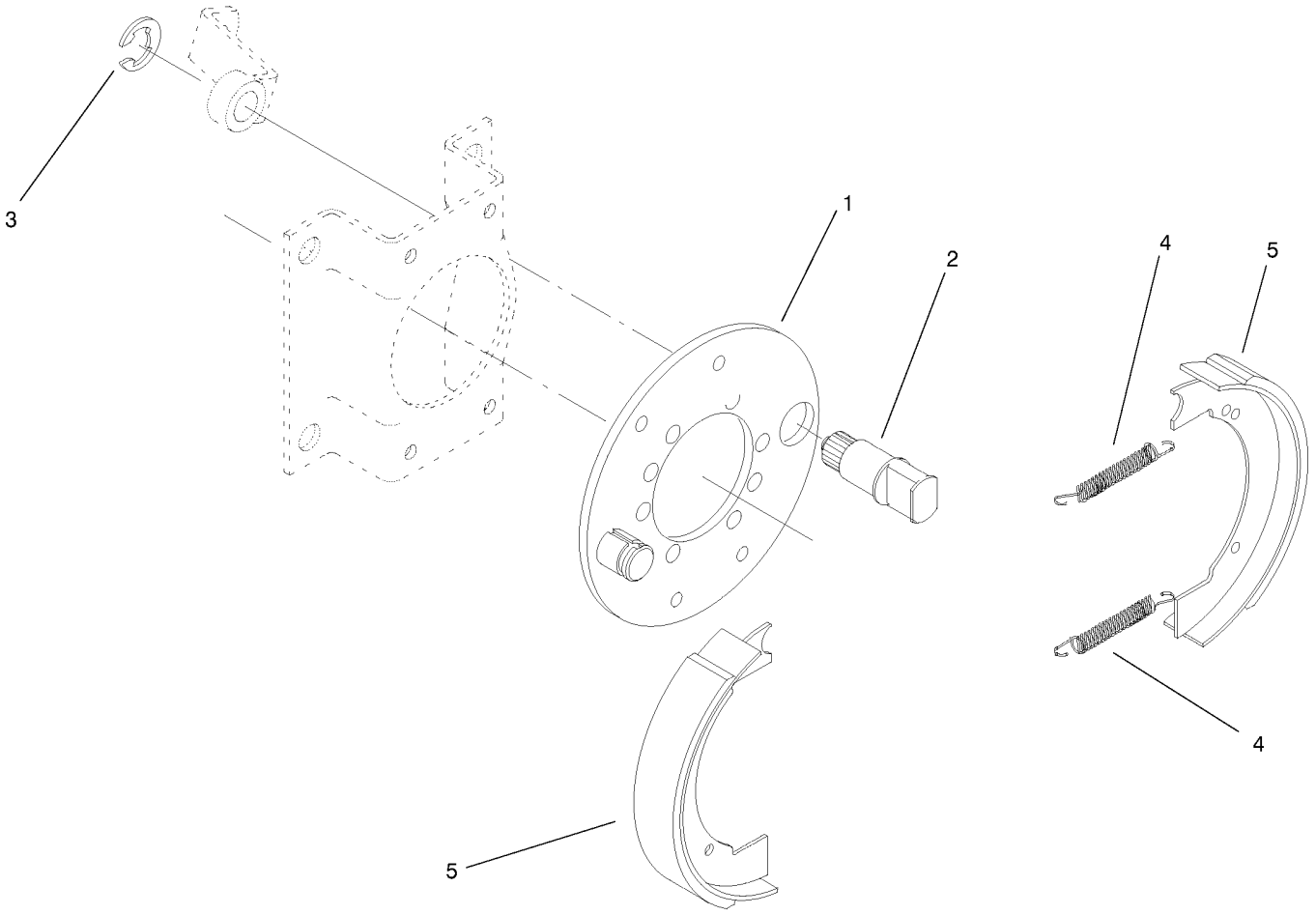
Hydraulic Wheel Motor Assembly No. 75-9990

Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit-Wheel Motor
8	76-1010	7	Screw-Hex. HD.
9	76-0960	1	Link-Drive
10	76-0810	1	Wheel Motor Housing ASM
16	76-0940	1	End Cover ASM
17	76-0970	1	Rotor Set (Incl. Ref. No.19-21)
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM



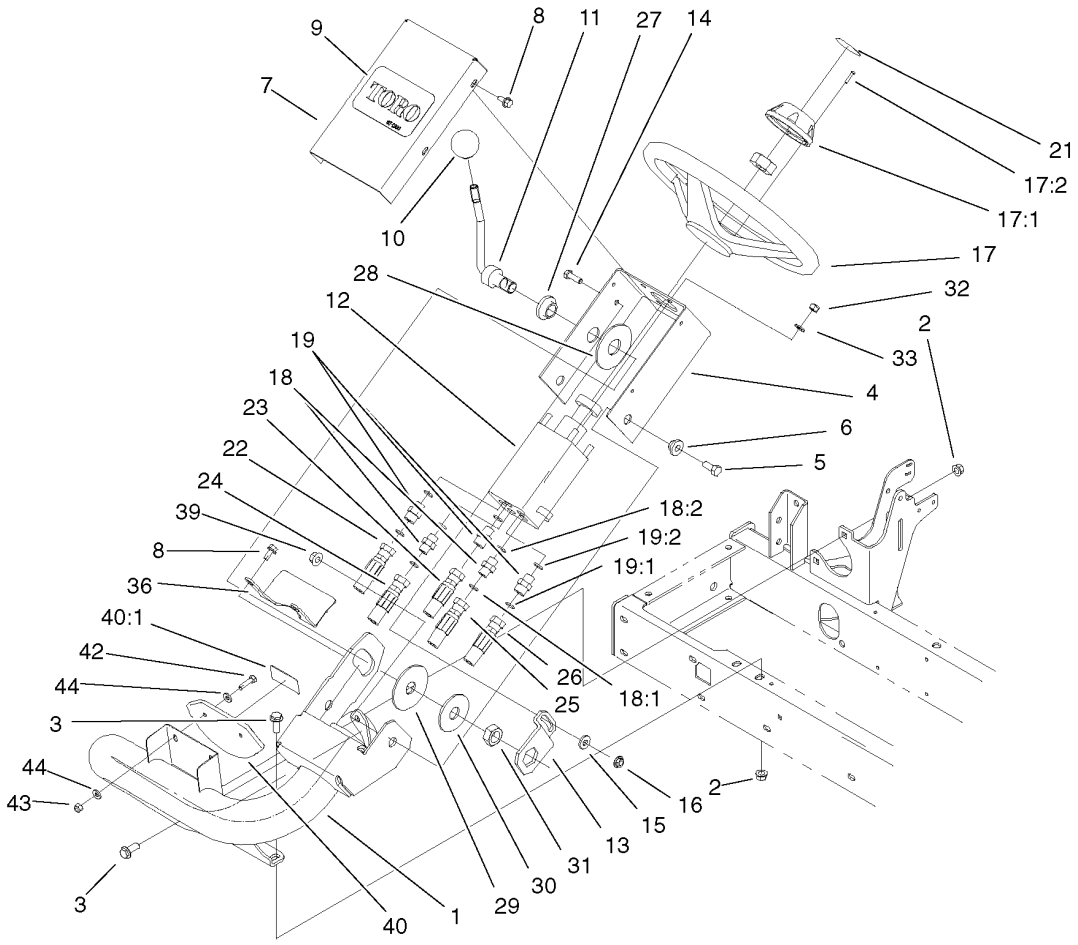
Hydraulic Motor Assembly No. 95-8693

Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	76-1010	7	Screw-Hex. HD.
5	3257-42	1	Key-Woodruff
6	76-0870	1	Plate-Wear
7	99-3535	1	Manifold
8	76-0940	1	End Cover ASM
9	76-0970	1	Rotor Set (Incl. Ref. No.19-21)
10	76-0880	1	Commutator ASM
11	76-0800	1	Seal Kit-Wheel Motor
12	76-0810	1	Wheel Motor Housing ASM



Brake Assembly No. 104-7705

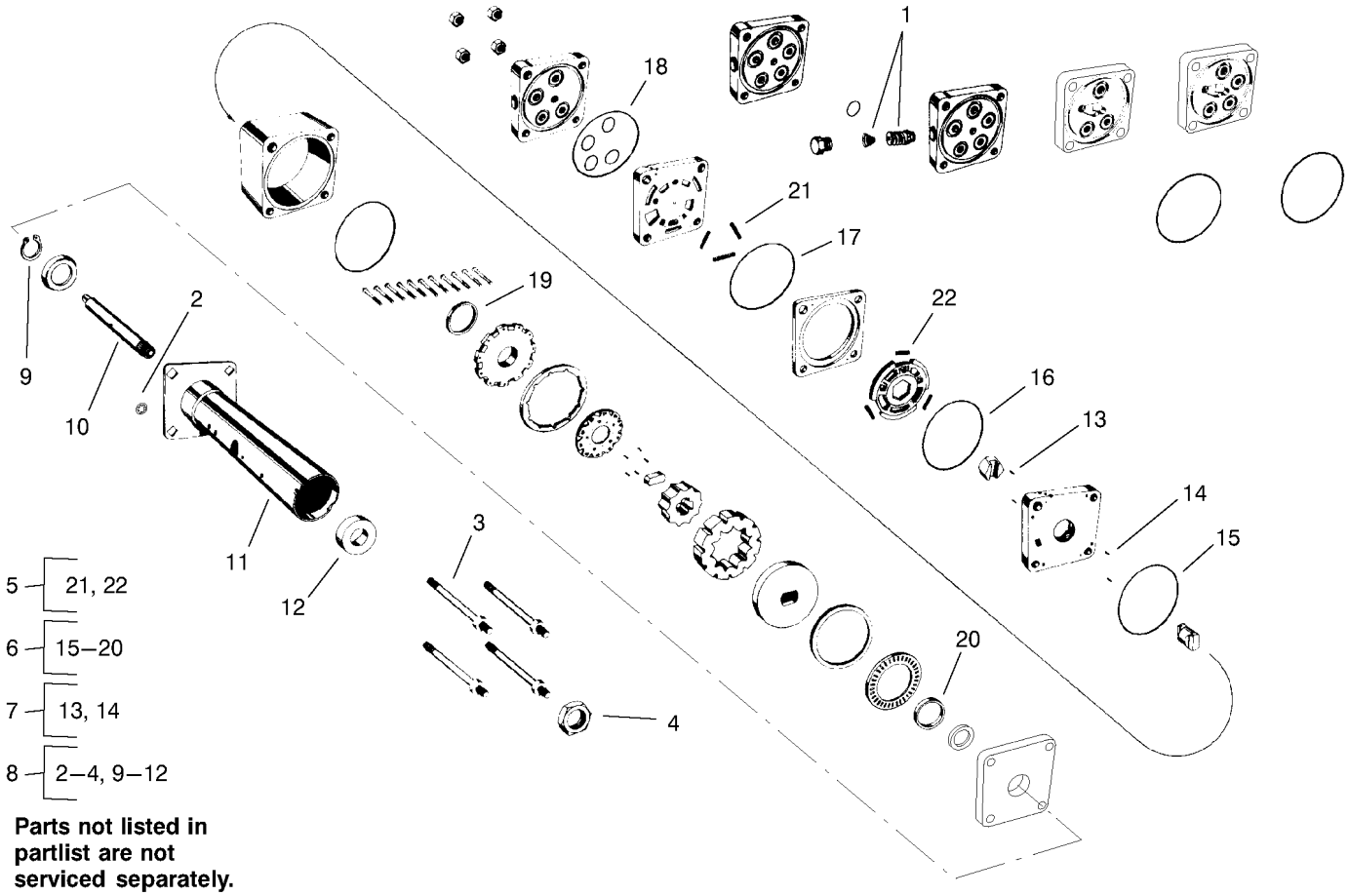
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Cam Shaft-Brake
3	104-7706	1	E-Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Steering Column Assembly

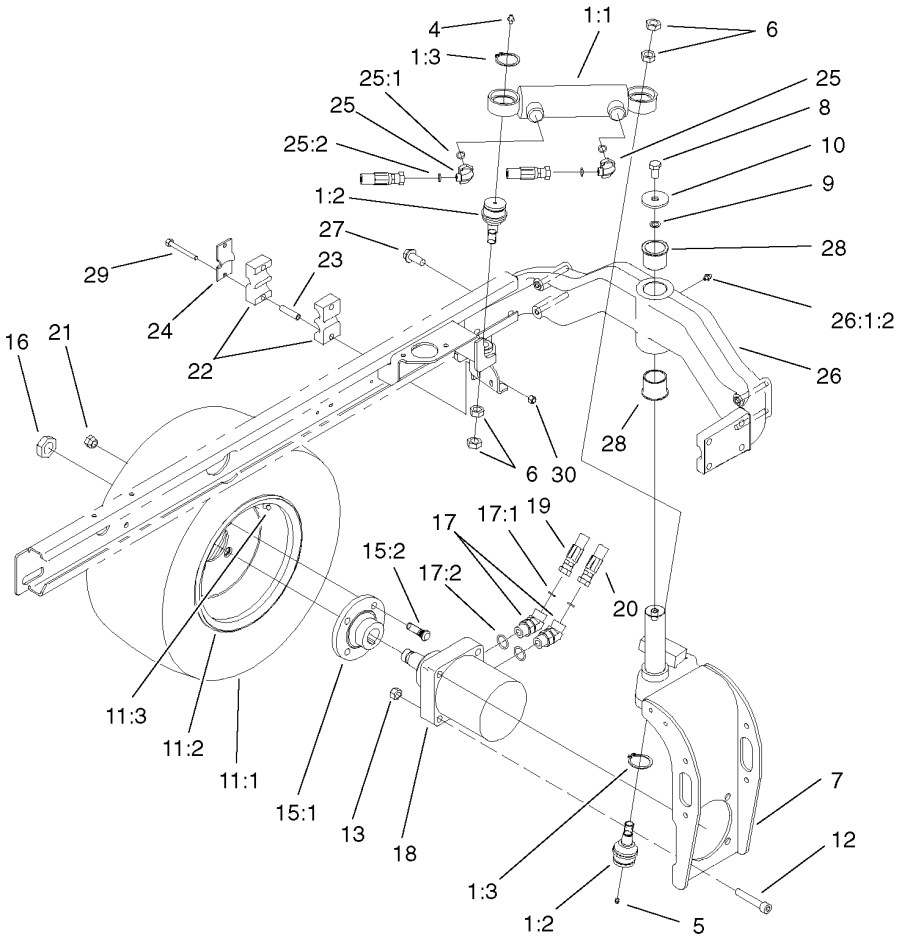
Ref	Part No.	Qty.	Description
1	100-4896-01	1	Arm-Steering
2	32128-43	4	Nut-Flange
3	3234-11	4	Screw-HHF
4	95-8793-01	1	Bracket-Steering Valve
5	323-5	2	Screw-Hex HD. Cap
6	93-5988	2	Spacer
7	95-8794-01	1	Cover-Steering
8	32144-10	5	Screw
9	67-1300	1	Decal-Toro
10	233-48	1	Knob
11	95-8798-03	1	Lever Assembly
12	104-0474	1	Control-Steering
13	80-2880	1	Bracket-Steering, Tilt
14	322-5	1	Screw-Hex HD. Cap
15	3256-3	1	Washer-Flat
16	32128-44	1	Nut-Flange
17	68-5130	1	Wheel-Steering
17:1	68-5140	1	ASM-Cap, Steering Wheel (Incl. Ref. No.41)
17:2	32144-21	1	Screw-Pan HD. Phillips
18	340-1	2	Adapter
18:1	237-35	1	O-Ring
18:2	237-42	1	O-Ring
19	340-2	3	Adapter

Ref	Part No.	Qty.	Description
19:1	237-22	1	O-Ring
19:2	237-42	1	O-Ring
21	68-5370	1	Decal-Toro
22	95-8842	1	Hose Assembly
23	95-8843	1	Hose Assembly
24	100-4892	1	Hose ASM
25	100-4893	1	Hose ASM
26	95-8846	1	Hose Assembly
27	99-3502	1	Boss-Tilt Steering
28	31-0390	1	Disc-Friction
29	82-9010	1	Disc-Friction
30	80-2930	1	Washer
31	3218-7	1	Nut-Jam
32	3296-4	4	Nut-Lock
33	3256-23	4	Washer-Flat
36	99-3405-01	1	Shield-Steering
39	32128-21	2	Nut-HF
40	100-4929	1	Slope Indicator ASM
40:1	100-4933	1	Decal-Danger
40:1	100-4837	1	Decal-Danger
42	321-7	2	Screw-Cap
43	3296-42	2	Nut-Lock
44	3256-22	4	Washer-Flat



Steering Control Assembly No. 104-0474

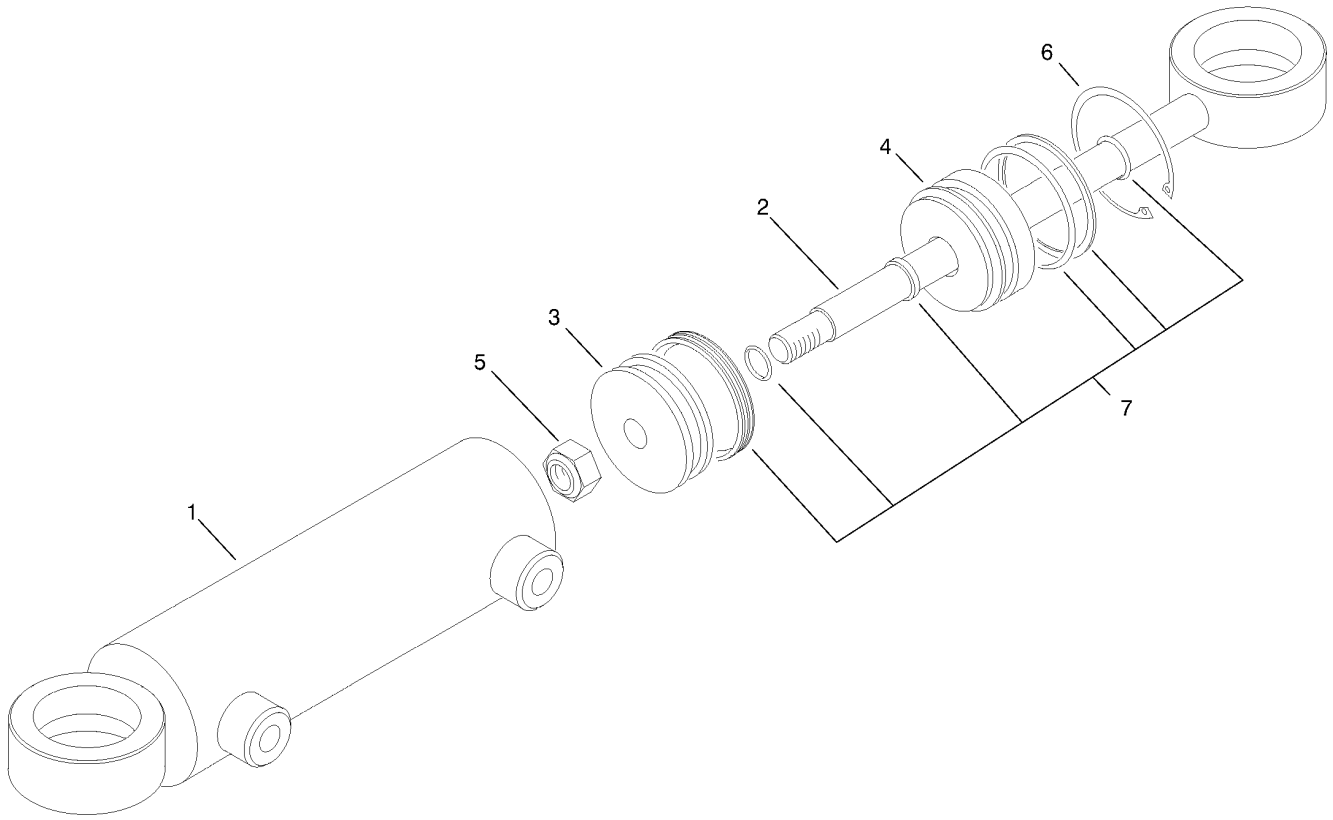
Ref	Part No.	Qty.	Description
1	99-3523	1	Cartridge-Relief Valve (Incl. Ref. No.49)
2	92-7316	4	Nut-Push On
3	99-3524	4	Bolt-Special
4	47-6990	1	Nut
5	66-9970	1	Kit-Spring (Incl. Ref. No.4 And 25)
6	66-9980	1	Kit-Seal (Incl. Ref. No.1, 11, 19, 23, 31 And 33)
7	66-9990	1	Kit-Needle Roller (Incl. Ref. No.5)
8	104-0475	1	Column ASM



Rear Fork and Tire Assembly

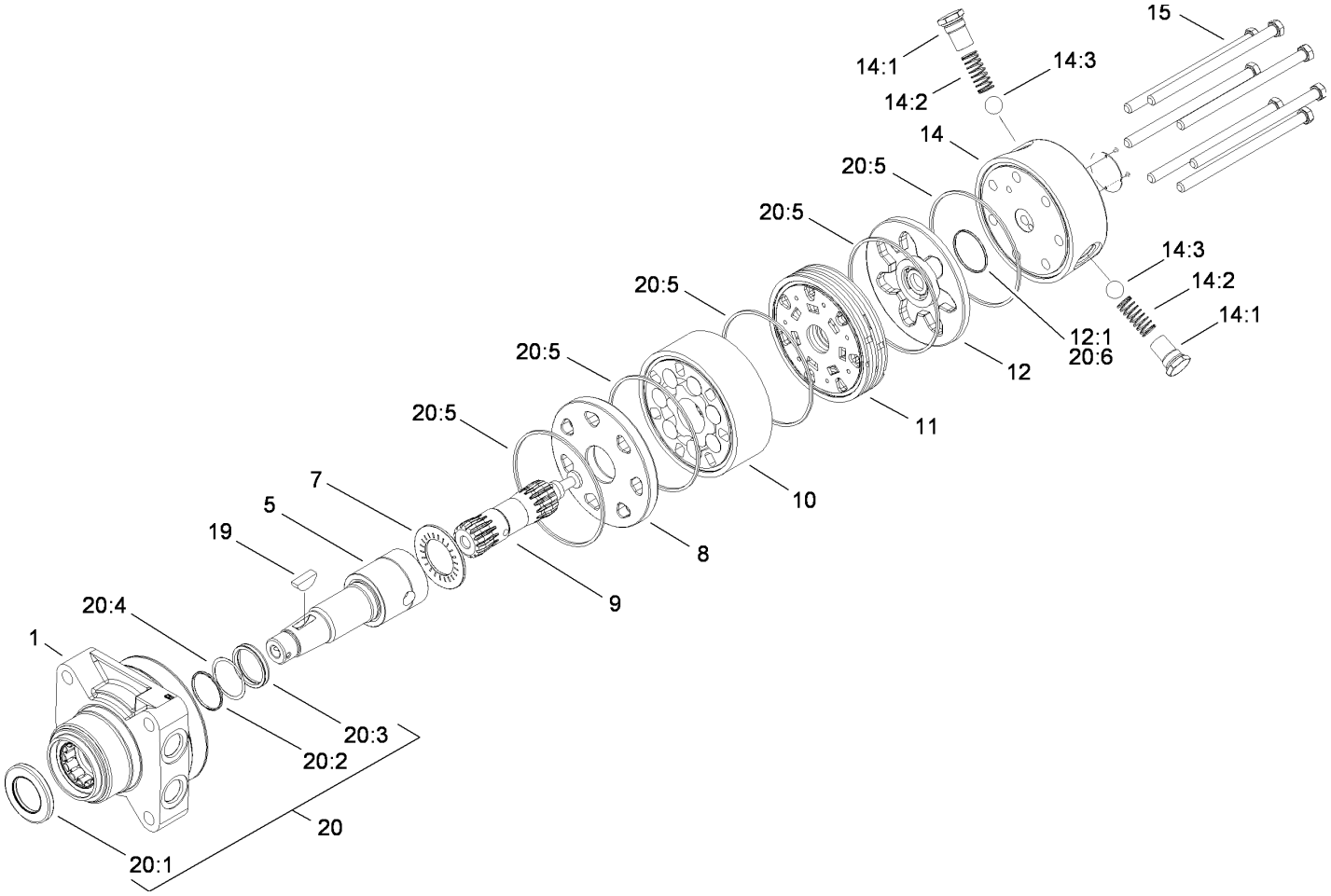
Ref	Part No.	Qty.	Description
❸1		1	Steering Cylinder/Balljoint ASM
1:1	94-8141	1	Hydraulic Cylinder Assembly
1:2	92-5838	2	Ball Joint
1:3	32151-104	2	Ring-Retaining
4	302-5	1	Fitting-Grease
5	302-59	1	Plug-Grease
6	3220-6	4	Nut-Jam
7	95-8905-01	1	Rear Fork Assembly
8	325-3	1	Washer-Plain
9	3255-2	1	Lockwasher
10	75-7730	1	Washer-Thrust
❸11		1	Tire & Wheel ASM
11:1	95-8656	1	Tire
11:2	95-8657	1	Rim-Wheel
11:3	232-27	1	Valve Stem W/Cap
12	3274-93	4	Screw-HSH
13	3296-23	4	Nut-Lock
❸15		1	Wheel Hub / Stud ASM
15:1	10-6870-03	1	Hub-Wheel
15:2	10-6830	4	Stud-Type, Drive
16	26-3790	1	Nut-Lock
17	340-14	2	Fitting-HYD., 45Ø
17:1	237-65	1	O-Ring
17:2	237-80	1	O-Ring

Ref	Part No.	Qty.	Description
18	95-8694	1	Motor-Hydraulic
19	105-1213	1	Hose ASM
20	105-1212	1	Hose ASM
21	242-50	4	Nut-Lug
22	82-8170	2	Clamp
23	93-7960	2	Spacer
24	93-7961	1	Clamp-Case Drain
25	340-132	2	90 Elbow
25:1	237-78	1	"o"ring
25:2	237-21	1	O-Ring
26	18-3979-03	1	Casting-Rear (Incl. Ref. No.4)
❸26:1		1	Rear Casting ASM
26:1:2	302-5	1	Fitting-Grease
27	3234-38	8	Screw-Hfh
28	95-8805	2	Bushing
29	322-13	2	Screw-HH
30	3296-29	2	Nut-Lock, NI



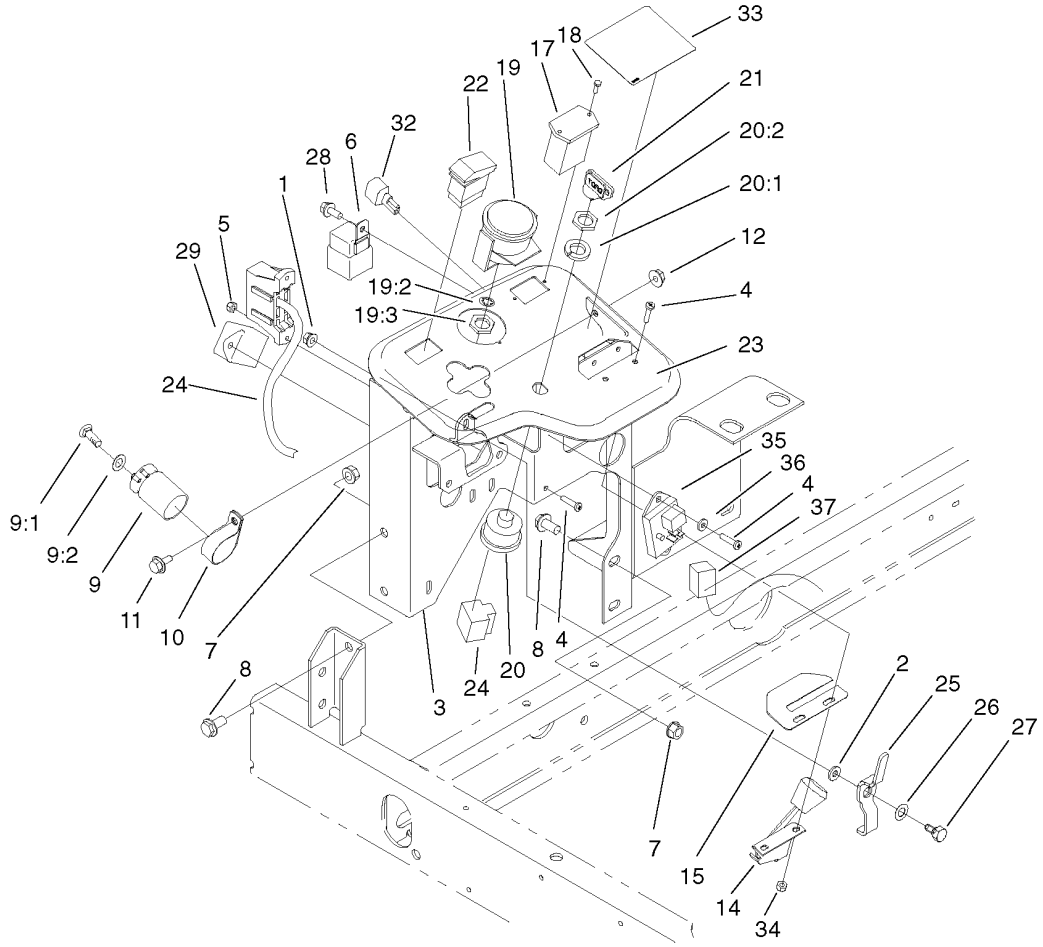
Hydraulic Cylinder Assembly No. 94-8141

Ref	Part No.	Qty.	Description
1	94-9955	1	ASM-Barrel
2	94-9956	1	ASM-Piston Rod
3	94-9957	1	Piston
4	94-9958	1	Gland-Cylinder
5	32152-10	1	Nut-Lock
6	32120-8	1	Ring-Snap
7	86-5390	1	Kit-Seal Repair (Incl. Ref. No.4, 5, 7 And 9-11)



Hydraulic Motor Assembly No. 95-8694

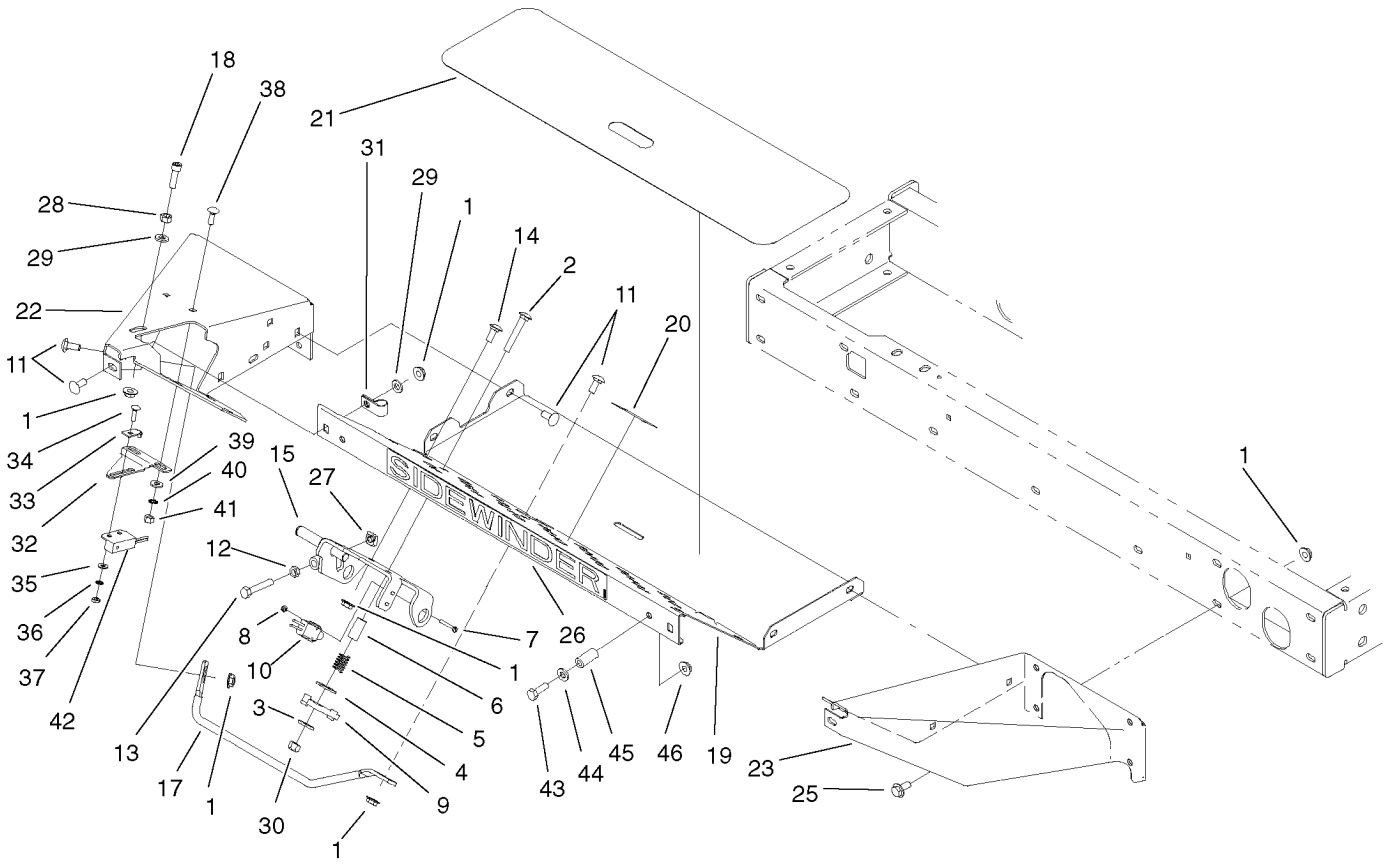
Ref	Part No.	Qty.	Description
1	76-0810	1	Housing ASM
5	99-3090	1	Shaft-Coupling
7	76-0850	1	Bearing-Thrust
8	76-0870	1	Plate-Wear
9	99-3537	1	Link-Drive
10	99-3539	1	Set-Rotor
11	99-3535	1	Manifold
12	76-0880	1	Commutator ASM
❶12:1		1	Seal-Commutator
14	99-3538	1	End Cover ASM
❶14:1		1	Spring Cap And O-Ring ASM
14:2	99-3541	1	Spring
14:3	99-3540	1	Ball
15	99-3536	7	Screw-HH
19	3257-42	1	Key-Woodruff
20	94-8178	1	Seal Kit
❶20:1		1	Seal-Dirt And Water
❶20:2		1	Backup-Ring
❶20:3		1	Seal-Shaft
❶20:4		1	Washer-Back Up
❶20:5		5	Seal-Square, Ring (Inner)
❶20:6		1	Seal-Commutator



Control Panel Assembly

Ref	Part No.	Qty.	Description
1	32128-32	1	Nut-Flange
2	3256-22	1	Washer-Flat
3	95-8712-03	1	Control Panel Assembly
4	3250-27	4	Screw-Machine Cross Recess Pan HD.
5	3296-2	2	Nut
6	70-1480	4	Relay
7	32128-43	5	Nut-Flange
8	3234-1	5	Screw-HHF
9	37-2690	1	Capacitor
9:1	3252-18	2	Screw
9:2	3254-1	2	Washer-Lock
10	2412-74	1	R-Clamp
11	3234-4	1	Screw-Sq. HD. Set
12	32128-33	1	Nut-Flange
14	95-8855	1	Throttle-Control (Incl. Ref. No.31)
15	104-0421	1	Plate-Stop, Throttle
17	75-6820	1	Meter-Hour
18	32144-18	2	Screw-Hex. HD.
19	93-7053	1	Cluster-Warning Light (Incl. Ref. No.20)
❷19:1	219-17	4	Bulb
19:2	3254-1	1	Washer-Lock
19:3	3217-26	1	Nut

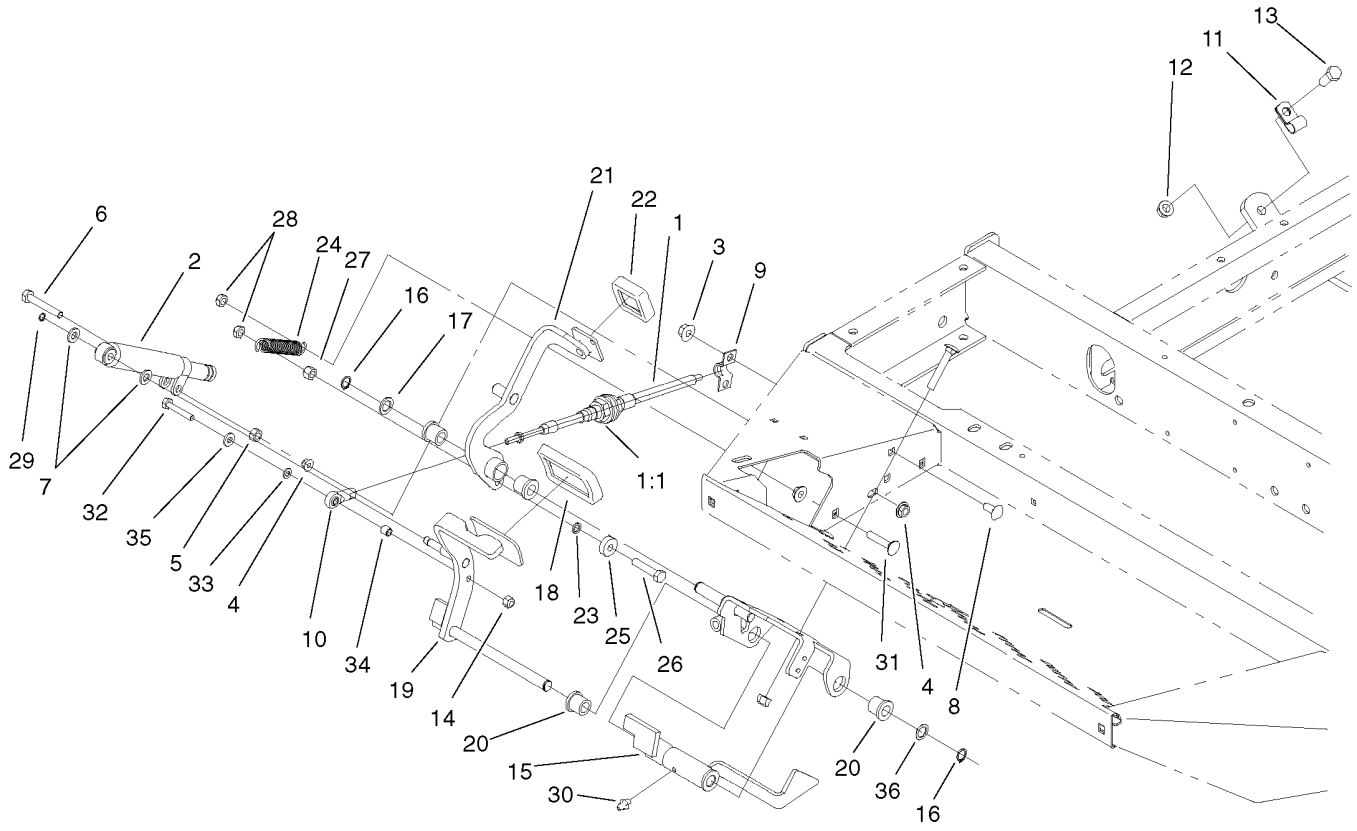
Ref	Part No.	Qty.	Description
20	88-9830	1	Switch-Ignition (Incl. Ref. No.13 And 14)
20:1	3254-5	1	Washer-Lock
20:2	218-461	1	Nut-Hex
21	63-8360	2	Key-Ignition
22	95-8999	1	Switch
23	100-4834	1	Decal-Console
24	100-4823	1	Harness-Wire
25	99-3401-03	1	Lever-Lock, Valve
26	3290-477	1	Washer-Curved
27	63-3410	1	Screw-Shoulder
28	32144-10	5	Screw
29	99-3463	1	Controller-Glow
32	100-4918	4	Diode
33	99-3558	1	Decal-Console (Europe)
34	3290-148	2	Nut-Lock
35	100-6186	1	Module-Delay, Seat
36	3256-14	1	Washer-Flat
37	105-3960	1	Harness-Wire



Front Platform Assembly

Ref	Part No.	Qty.	Description
1	32128-44	22	Nut-Flange
2	3230-6	1	Screw-CARR
3	3256-3	1	Washer-Flat
4	3256-40	1	Washer-Flat
5	65-9940	1	Spring-Compression
6	95-8866	1	Tube-Rocker Arm
7	32105-9	2	Screw-Pan HD.
8	3296-9	2	Nut
9	99-3593	1	Rocker Arm
10	95-8900	1	Switch
11	3230-1	9	Bolt-Carriage
12	3218-2	1	Nut-Jam
13	322-41	1	Screw-Machine, Hex. HD.
14	3230-23	2	Screw-CARR
15	95-8869-03	1	Bracket Assembly-Traction
17	95-8893	1	Bar-Deflector
18	3274-22	1	Bolt
19	95-8610-01	1	Plate-Floor
20	99-3444	1	Decal-Mow/Transport
21	99-3478	1	Tread-Floor Plate
22	100-4884-01	1	Support-Floor, RH
23	95-8612-01	1	Bracket-Floor Plate, LH
25	3234-5	10	Screw-Hex. HD. Flange

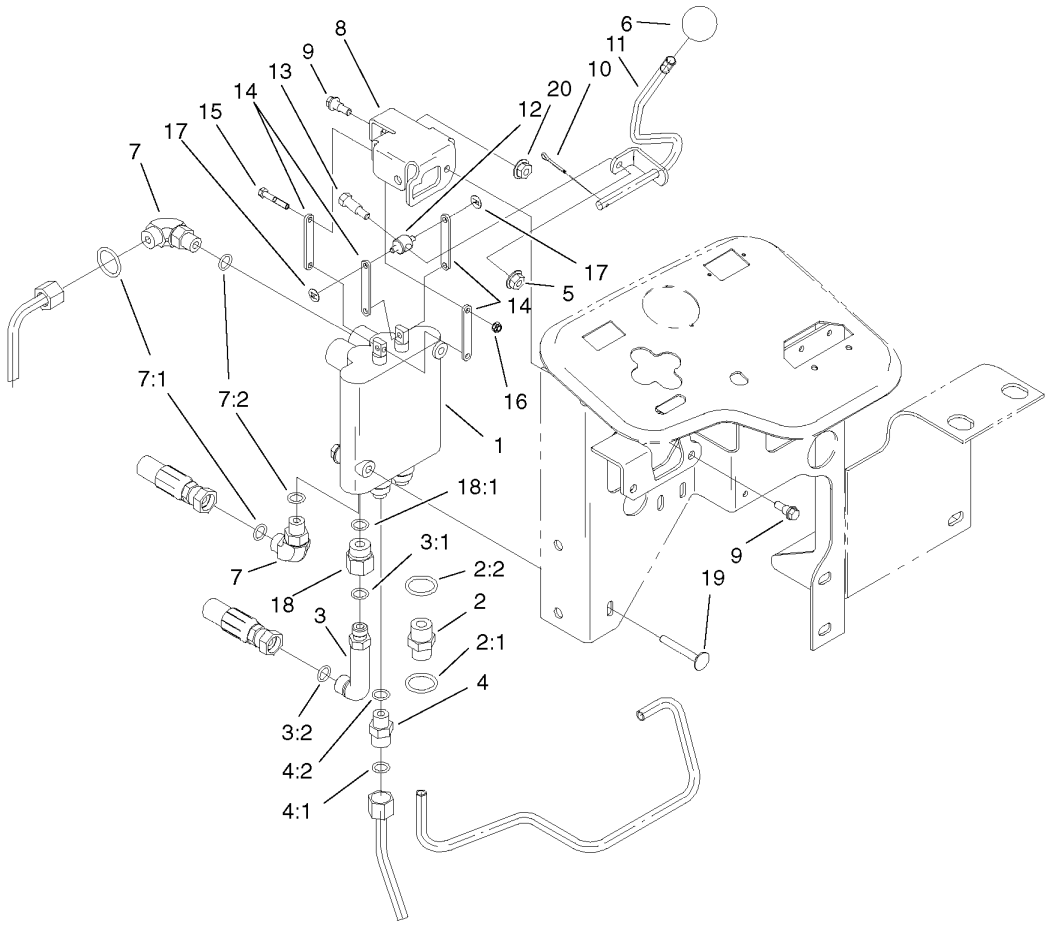
Ref	Part No.	Qty.	Description
26	99-3388	1	Decal-Sidewinder (Model No. 03201)
27	99-3565	1	Nut-Square
28	3217-6	1	Nut-Hex.
29	3256-23	2	Washer-Flat
30	3296-29	1	Nut-Lock, NI
31	2412-103	1	Clamp-Fuel Line
32	100-4871	1	Bracket-Switch, Neutral
33	100-4872	1	Plate-Switch, Neutral
34	3229-20	1	Screw-CARR
35	3256-14	1	Washer-Flat
36	3255-17	1	Washer-Lock
37	3296-2	1	Nut
38	3229-1	2	Screw-CARR
39	3256-22	2	Washer-Flat
40	3255-7	2	Washer-Lock
41	3217-5	2	Hex. Nut
42	100-1270	1	Switch-Proximity
43	323-9	2	Screw-HH
44	3256-4	2	Washer-Flat
45	104-4613	2	Tube-Latch
46	32128-43	2	Nut-Flange



Traction Pedal Assembly

Ref	Part No.	Qty.	Description
1	100-4815	1	Cable-Control, Traction
1:1	3220-1	2	Nut-Jam
2	76-8870	1	Assy.-Damper, Lever
3	32128-20	2	Nut-Flange
4	32128-44	3	Nut-Flange
5	3217-6	1	Nut-Hex.
6	322-10	1	Screw-Cap Hex. HD.
7	3256-23	2	Washer-Flat
8	3230-23	2	Screw-CARR
9	93-2092	1	Clamp-Cable
10	2411-41	1	Rod End
11	2412-10	1	Clamp-Hose
12	32128-43	1	Nut-Flange
13	323-6	1	Screw-HH
14	3296-42	1	Nut-Lock
15	95-8861	1	Slide Assembly
16	32151-84	2	Ring-Retaining
17	41-8440	1	Washer
18	74-9100	1	Pad-Pedal, Forward
19	104-4852-03	1	Traction Pedal ASM
20	256-243	2	Bearing-Flange
21	99-3379	1	Pedal Assembly-Reverse (Incl. Ref. No.20)
22	74-9110	1	Pad-Pedal, Reverse

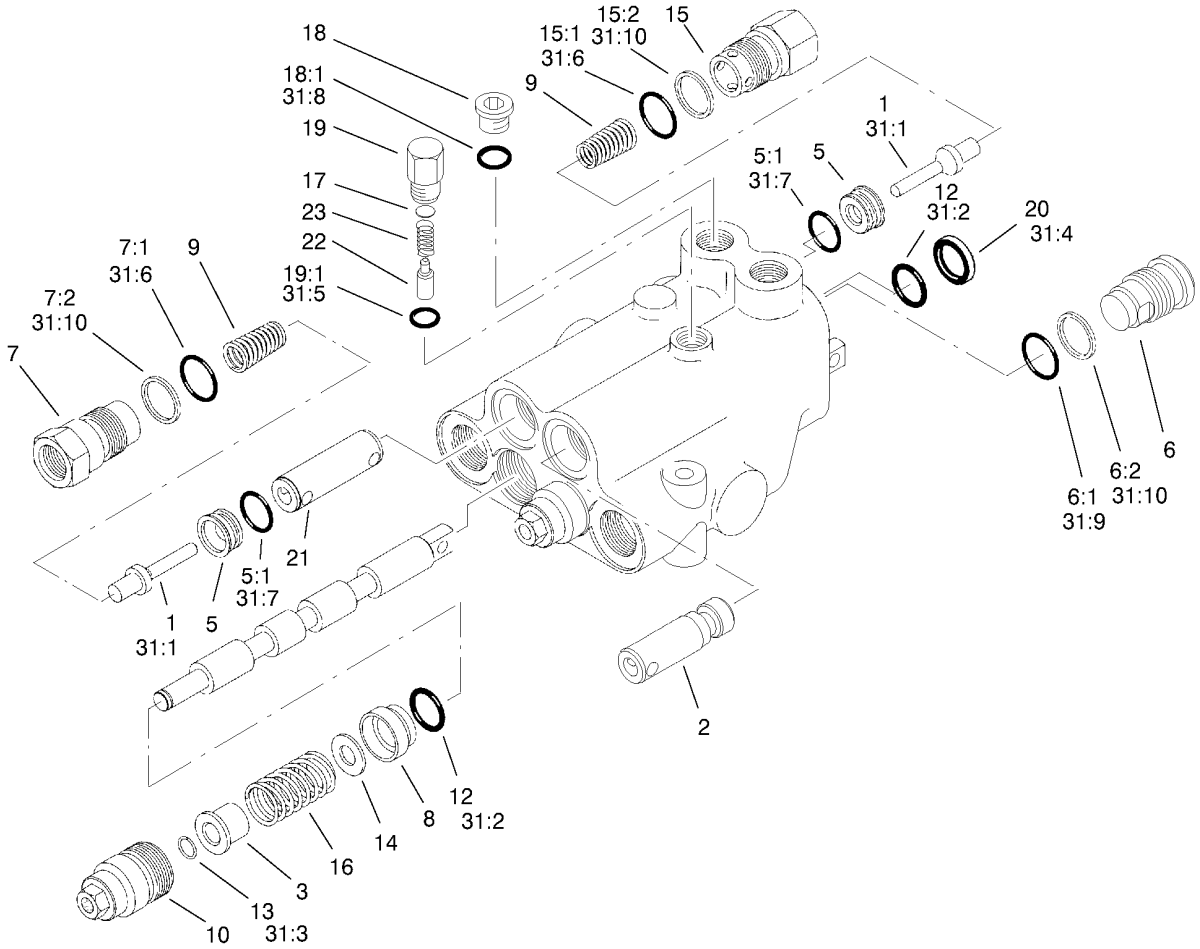
Ref	Part No.	Qty.	Description
23	75-5470	1	Spacer Bearing
24	99-3476	1	Spring-Extension
25	251-259	1	Bearing-Ball
26	322-7	1	Screw-HH
27	3296-29	1	Nut-Lock, NI
28	3296-47	2	Nut-Hex Lock
29	32151-3	1	Ring-Retainer
30	302-5	1	Fitting-Grease
31	3230-27	1	Bolt-Carriage
32	321-9	1	Screw-Hex HD. Cap
33	33093-00	1	Washer-Flat
34	99-3545	1	Spacer
35	3256-22	1	Washer-Flat
36	73-0040	4	Washer-Thrust



Control Valve Installation Assembly

Ref	Part No.	Qty.	Description
1	95-8581	1	Valve-2 Spool
2	340-3	1	Adapter
2:1	237-22	1	O-Ring
2:2	237-79	1	"o"ring
3	69-4320	1	Fitting-Hydraulic, 90Ø (Incl. Ref. No.7 And 9)
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	340-2	1	Adapter
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	32128-33	3	Nut-Flange
6	233-42	1	Knob
7	340-77	2	Fitting-HYD., 90Ø
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	95-8633	1	Bracket-Actuator, Valve
9	42-3560	2	Bolt-Shoulder
10	3272-6	1	Pin-Cotter
11	95-8635	1	Lever-Valve
12	95-8638	1	Trunnion-Actuator, Valve
13	92-8916	1	Bolt-Shoulder
14	95-8634	4	Link
15	87-5150	3	Bolt

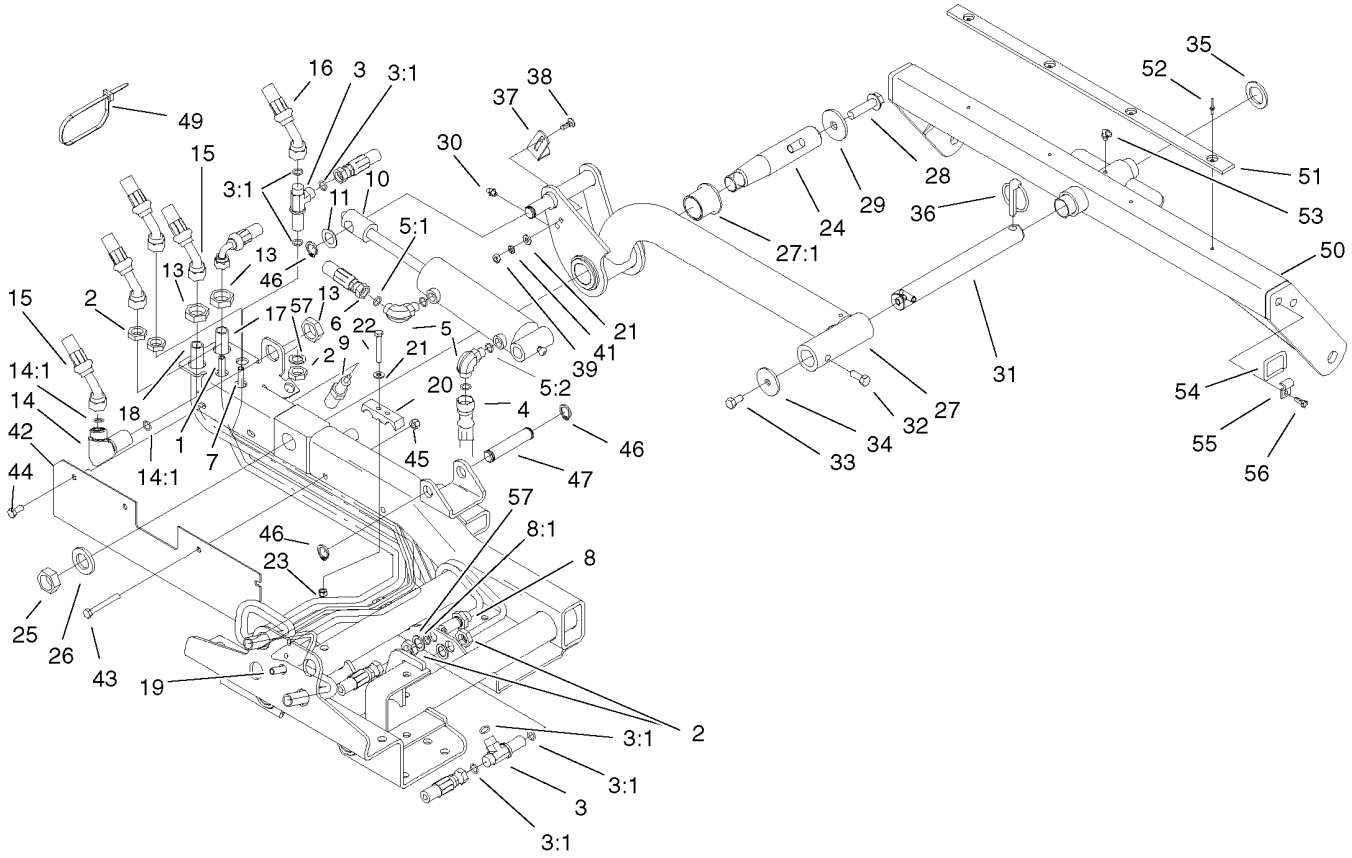
Ref	Part No.	Qty.	Description
16	87-5140	3	Nut-Lock
17	93-3988	2	Pushnut
18	353-397	1	Adapter Reducer
18:1	237-79	1	"o"ring
19	3230-33	2	Screw-CARR
20	32128-32	2	Nut-Flange



Control Valve Assembly No. 95-8581

Ref	Part No.	Qty.	Description
1	58-6290	3	Poppet Assembly
2	69-1840	1	Plunger
3	58-6310	2	Spacer
5	58-6330	3	Seat Assy. (Incl. Ref. No.36)
5:1	58-6340	1	Seal-O-Ring
6	58-6350	1	Plug Assembly (Incl. Ref. No.9-10)
6:1	60-5720	1	Seal-O-Ring
6:2	58-6370	1	Washer-Back-Up
7	99-3527	2	Plug Assembly (Incl. Ref. No.29 And 30)
7:1	60-5720	1	Seal-O-Ring
7:2	59-7730	1	Washer-Backup
8	58-6400	2	Bushing
9	69-1810	3	Spring
10	58-6420	2	ASM-Cap
12	58-6450	4	O-Ring
13	58-6460	2	Ring-Retaining
14	65-2770	2	Washer
15	99-3526	1	Plug Assembly (Incl. Ref. No.25 And 26)
15:1	60-5720	1	Seal-O-Ring
15:2	59-7730	1	Washer-Backup
16	99-3531	2	Spring
17	60-6450	1	Disc

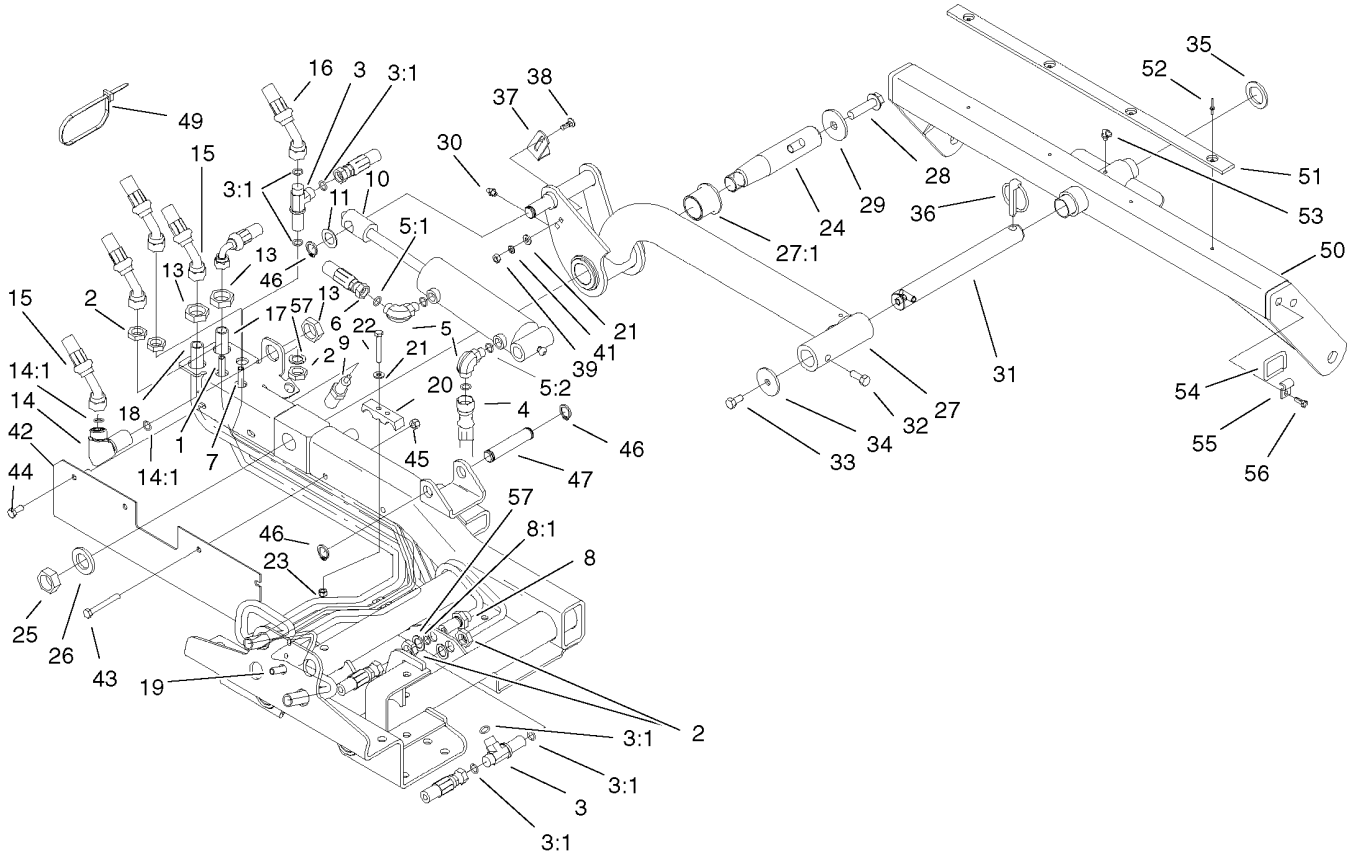
Ref	Part No.	Qty.	Description
18	353-989	1	Plug (Incl. Ref. No.15)
18:1	237-42	1	O-Ring
19	58-6780	1	Plug Assembly (Incl. Ref. No.5)
19:1	58-6790	1	Seal-O-Ring
20	58-6320	2	Wiper-Seal
21	99-3528	1	Plunger
22	58-6770	1	Plunger-Detent
23	58-6760	1	Spring
31	99-3530	1	Kit-Seal (Incl. Ref. No.1, 12-13, 20, 24-25 And 27-30)
31:1	58-6290	3	Poppet Assembly
31:2	58-6450	4	O-Ring
31:3	58-6460	2	Ring-Retaining
31:4	58-6320	2	Wiper-Seal
31:5	58-6790	1	Seal-O-Ring
31:6	60-5720	2	Seal-O-Ring
31:7	58-6340	2	Seal-O-Ring
31:8	237-42	1	O-Ring
31:9	60-5720	2	Seal-O-Ring
31:10	59-7730	2	Washer-Backup



Rear Liftarm Assembly

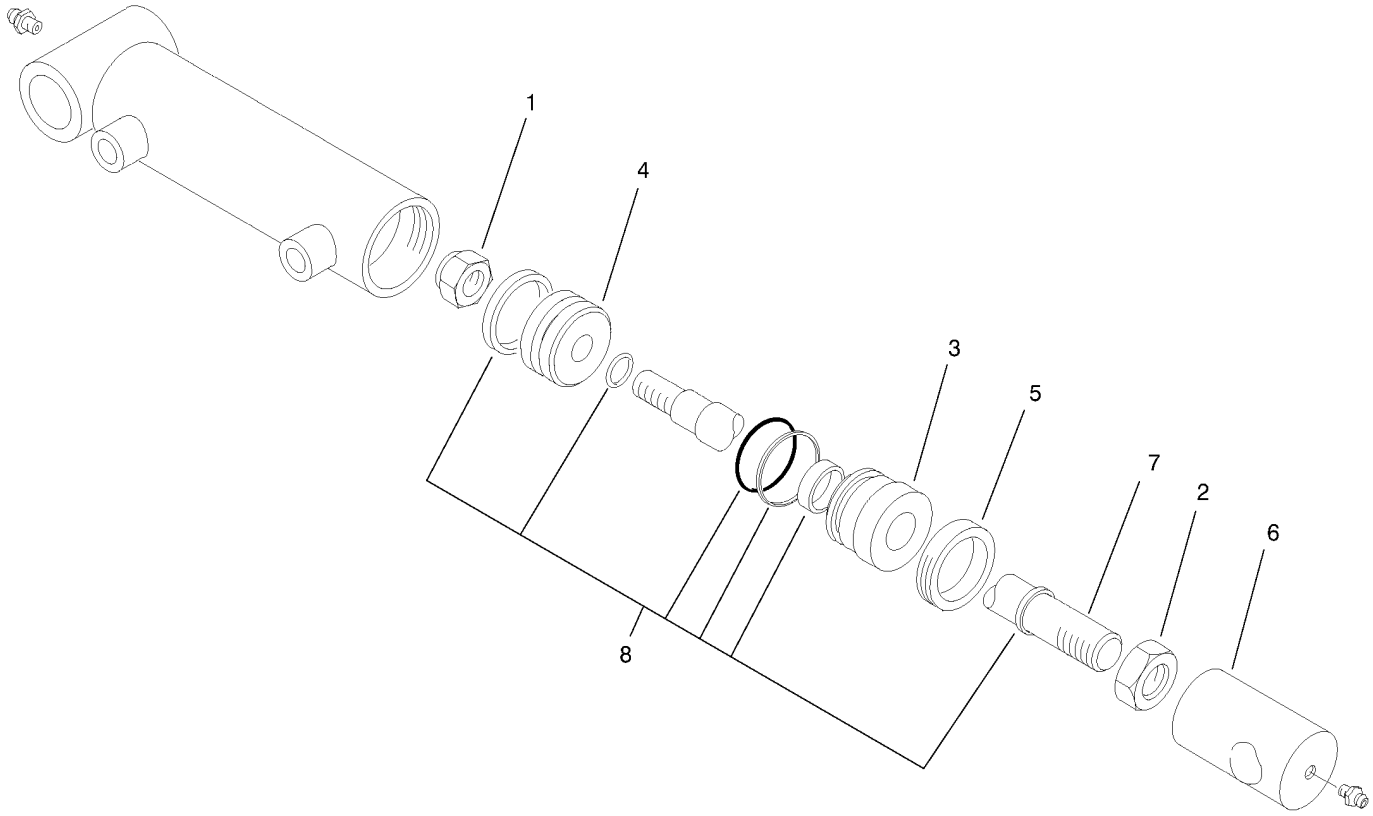
Ref	Part No.	Qty.	Description
1	104-0402	1	Tube ASM
2	340-70	5	Locknut-Bulkhead
3	340-68	2	Fitting-Tee, Bulkhead
3:1	237-22	6	O-Ring
4	104-0407	1	Hose ASM
5	340-77	2	Fitting-HYD., 90Ø
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	100-4891	1	Hose ASM
7	104-0403	1	Tube ASM
8	340-71	1	Fitting-Straight, Bulkhead
8:1	237-22	2	O-Ring
9	93-6762	1	Switch-Push Button
10	95-8978	1	Cylinder-Hydraulic
11	3-6498	1	Washer-Thrust
13	340-74	3	Locknut-Bulkhead
14	340-72	1	Elbow-Bulkhead Union, 90Ø
14:1	237-65	2	O-Ring
15	100-4879	2	Hose ASM
16	95-8825	1	Hose Assembly (Model No. 03201)
17	104-0401	1	Tube ASM
18	104-0400	1	Tube-ASM
19	104-0404	1	Tube ASM

Ref	Part No.	Qty.	Description
20	99-3641	2	Clamp-Tube
21	3256-22	6	Washer-Flat
22	321-11	2	Bolt
23	3296-42	2	Nut-Lock
24	95-8990	1	Shaft-Pivot, Rear
25	3220-9	1	Nut
26	86-1480	1	Washer
27	100-4938	1	Rear Lift Arm ASM
27:1	69-6470	2	Bushing
28	3234-27	1	Screw-Flange
29	75-7730	1	Washer-Thrust
30	302-5	1	Fitting-Grease
31	100-4944	1	Shaft-Pivot, Cutting Unit
32	323-6	1	Screw-HH
33	323-4	1	Screw-HH
34	63-7400	1	Washer-Rebound
35	3-6781	1	Washer-Thrust
36	283-71	1	Pin-Lynch
37	95-8613	1	Bracket-Switch
38	3229-1	2	Screw-CARR
39	3217-5	2	Hex. Nut
41	3253-3	2	Washer-Lock
42	104-0453-03	1	Guard
43	322-12	2	Screw-Hex HD. Cap



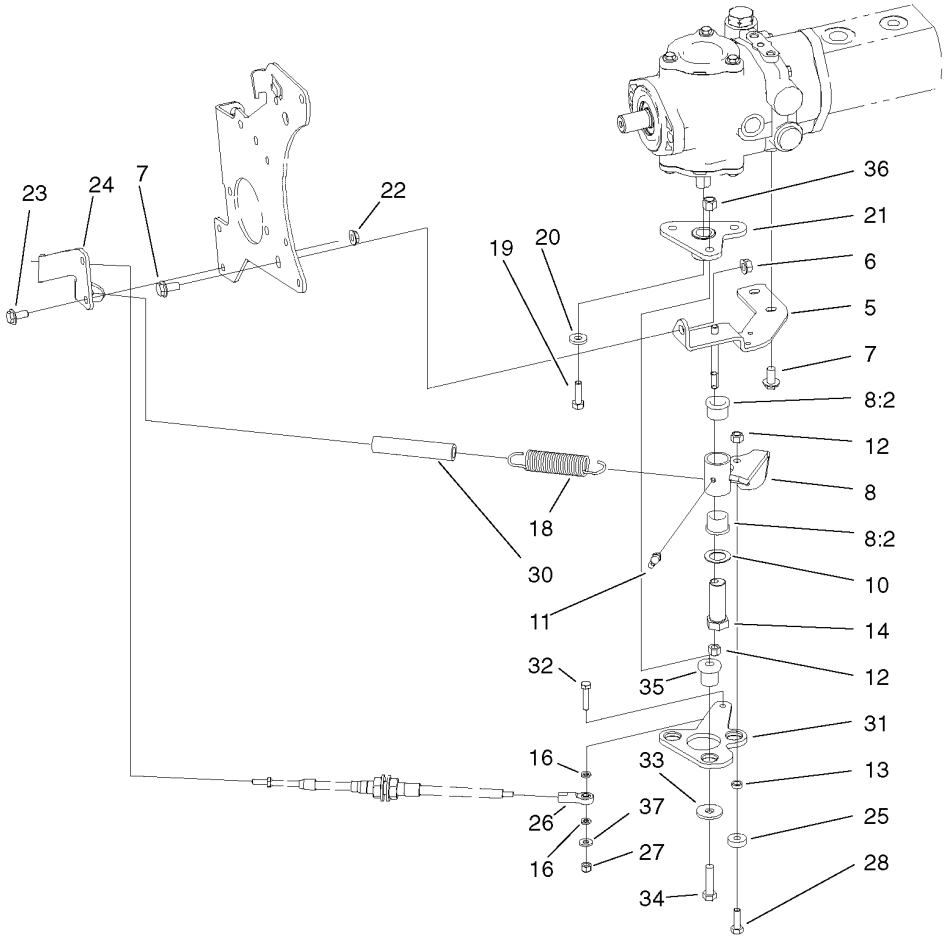
Rear Liftarm Assembly (continued)

Ref	Part No.	Qty.	Description
44	322-3	2	Screw-Hex HD. Cap
45	32128-20	4	Nut-Flange
46	32120-93	3	Snap Ring
47	95-8575	1	Pin
49	3334-945	1	Tie-Cable
50	104-4229	1	Rear Carrier Frame ASM
51	95-8936	1	Strip-Wear
52	3269-18	4	Rivet-Pop
53	302-60	1	Fitting-Grease 90Ø
54	104-4240	1	Link-Rear
55	3-6657	1	Clip-Skid
56	32144-14	1	Screw-Wash. HD., TAP.
57	3254-7	3	Washer-Lock



Hydraulic Cylinder Assembly No. 95-8978

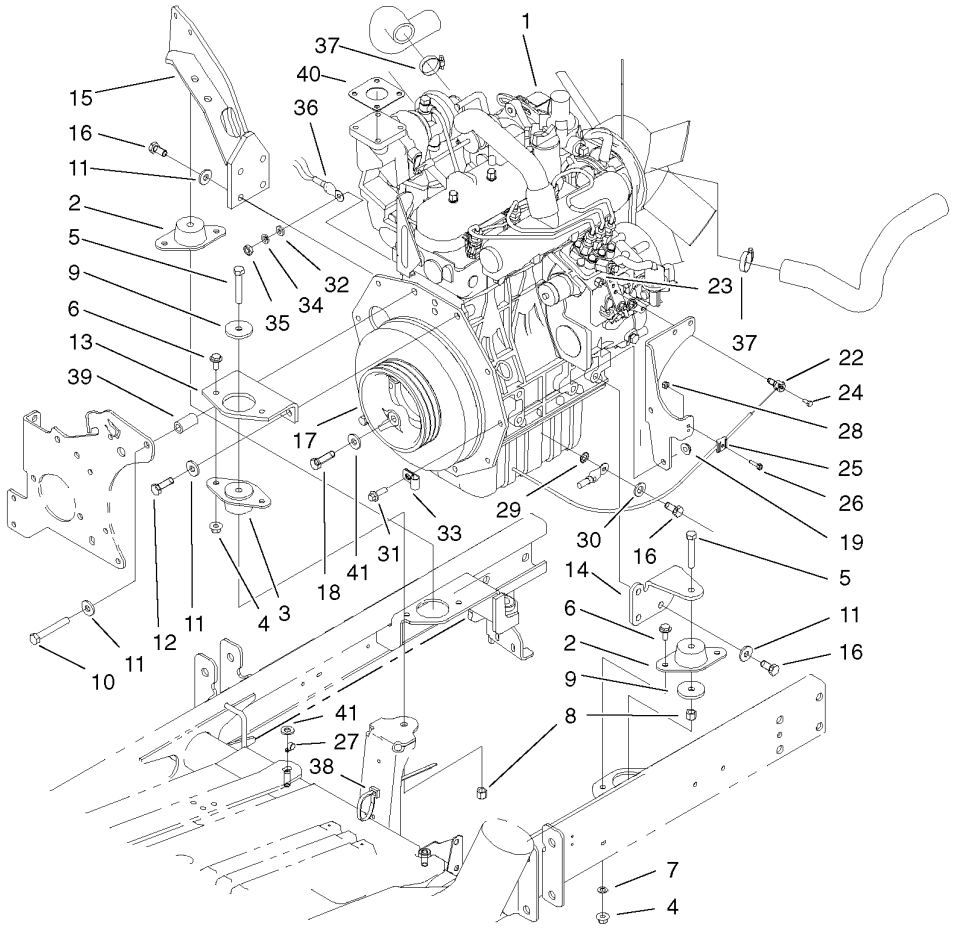
Ref	Part No.	Qty.	Description
1	32152-10	1	Nut-Lock
2	3220-6	1	Nut-Jam
3	65-4860	1	Head
4	52-1990	1	Piston-Cylinder, Hydraulic
5	99-3532	1	Collar-Internal
6	99-3533	1	Clevis
7	99-3534	1	Shaft
8	83-7240	1	Kit-Seal Repair (Incl. Ref. No.4, 6-9 And 12)



Neutral Arm Assembly

Ref	Part No.	Qty.	Description
5	95-8960-03	1	Bracket Assembly-Neutral
6	32128-43	1	Nut-Flange
7	3234-1	3	Screw-HHF
8	104-0422	1	Neutral Arm ASM
8:2	256-113	2	Bushing-Flange
10	3-6498	1	Washer-Thrust
11	302-60	1	Fitting-Grease 90Ø
12	3296-29	2	Nut-Lock, NI
13	100-4817	1	Spacer-Bearing
14	76-8640	1	Stud-Traction
16	33093-00	2	Washer-Flat
18	94-1369	1	Spring-Extension
19	3210-6	1	Screw, 5/16" N. F. X 1-1/8"
20	88-7200	1	Washer-Flat
21	99-3598-03	1	Hub ASM
22	32128-44	2	Nut-Flange
23	3234-5	2	Screw-Hex. HD. Flange
24	104-0464-03	1	Bracket-Support, Cable
25	251-259	1	Bearing-Ball
26	2411-41	1	Rod End
27	3296-42	1	Nut-Lock
28	3274-104	1	Screw
30	99-3556	1	Hose-Dampener
31	99-3594-03	1	Lever-Pump

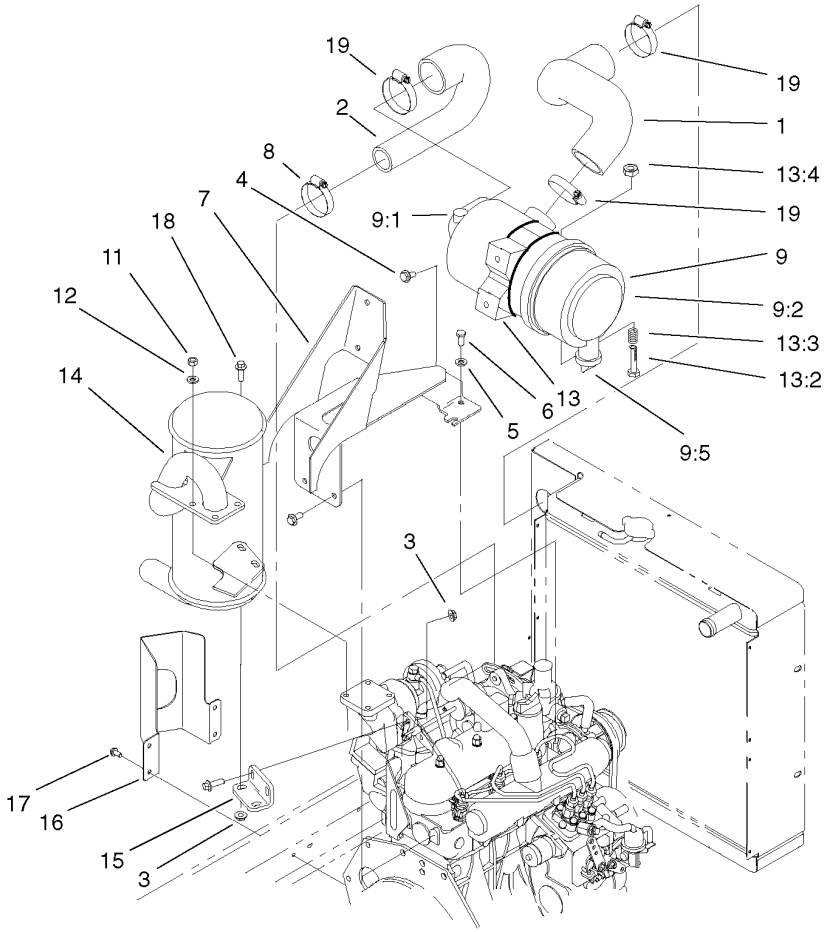
Ref	Part No.	Qty.	Description
32	321-8	1	Screw-Cap Hex. HD.
33	2844	3	Washer-Flat
34	95-3857	3	Screw-Head, Button
35	63-9750	3	Mount-Isolation
36	3296-39	3	Nut-Lock, NI
37	3256-22	1	Washer-Flat



Engine Assembly

Ref	Part No.	Qty.	Description
1	100-4901	1	Engine-Kubota, D1105-T-Eb-Toro-2-S1
2	83-1030	2	Mount-Engine
3	93-5265	1	Mount-Engine
4	32128-20	6	Nut-Flange
5	323-11	3	Screw-Hex HD. Cap
6	3234-5	6	Screw-Hex. HD. Flange
7	3255-8	1	Washer-EXT. Tooth Lock
8	3296-39	3	Nut-Lock, NI
9	80-8560	3	Washer
10	42-9370	1	Screw-Cap Hex. HD.
11	80-6990	9	Washer-Hardened
12	95-8812	1	Screw-Hhc M10 X 30
13	99-3618-03	1	Mount-Engine, Front
14	95-8937-03	1	Mount-Engine, LH
15	100-4838-03	1	Mount-Engine
16	63-7790	8	Screw
17	99-3626-03	1	Pulley-3V, Engine
18	56-2140	3	Bolt (M10 X 1.25 X 35)
19	32128-44	2	Nut-Flange
22	98-9311	1	Swivel-Throttle
23	3296-20	1	Nut
24	25-8640	1	Screw-Machine, HH
25	81-1690	1	Clamp-Cable

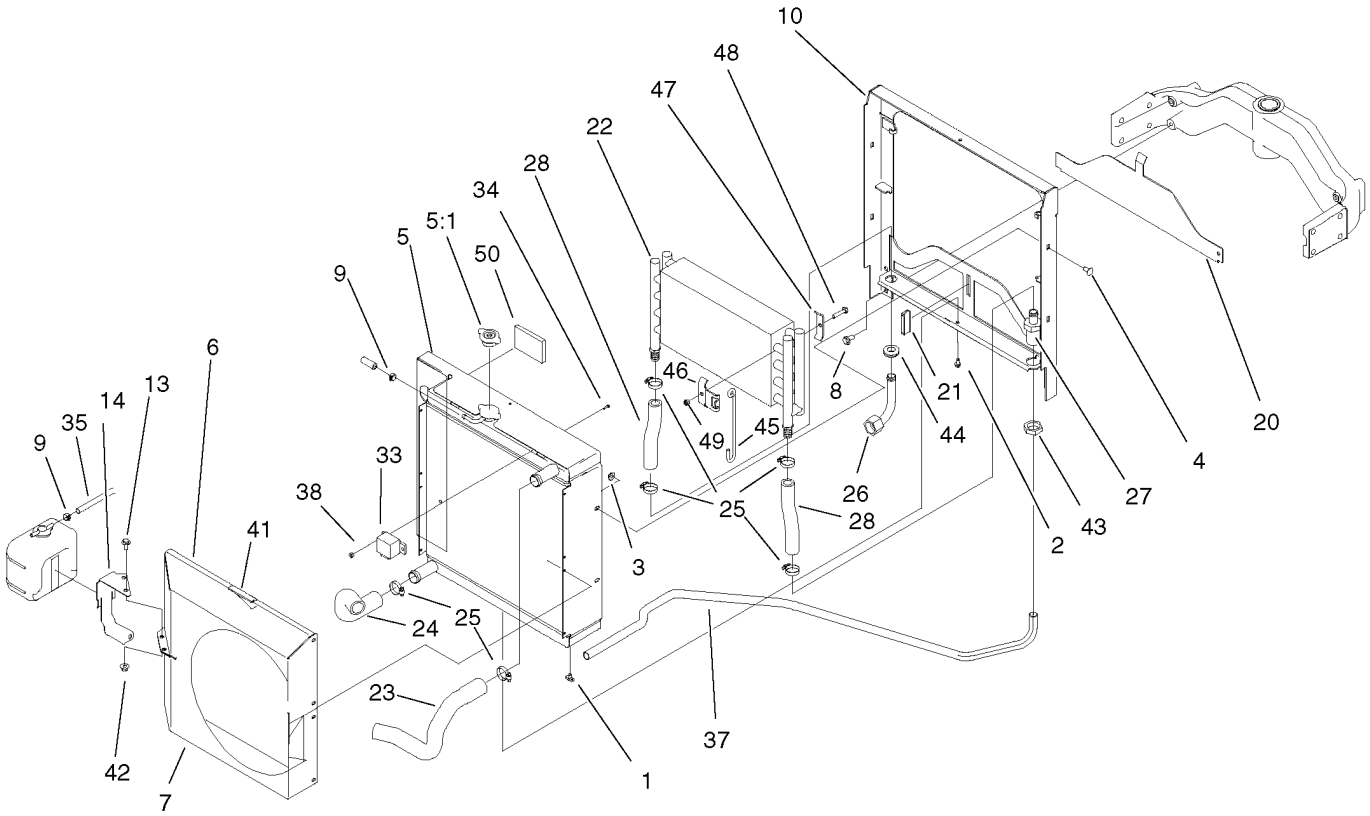
Ref	Part No.	Qty.	Description
26	32105-13	1	Hex Washer HD. Screw
27	2412-112	1	Clamp
28	3296-2	1	Nut
29	3255-9	1	Washer-Lock
30	3256-25	1	Washer-Flat
31	3234-17	2	Screw-HHF
32	3256-78	1	Washer-Flat
33	2412-10	1	Clamp-Hose
34	43-5930	1	Washer-Lock
35	48-7890	1	Nut
36	99-3441	1	Harness-Wire
37	2412-34	2	Clamp-Hose
38	3290-378	14	Cable Tie
39	95-8736	1	Spacer
40	98-9611	1	Gasket-F/W
41	3256-24	4	Washer-Flat



Air Cleaner and Muffler Assembly

Ref	Part No.	Qty.	Description
1	104-0420	1	Hose-Air Intake, Upper
2	99-3643	1	Hose-Air Intake, Lower
3	32128-44	6	Nut-Flange
4	3234-5	3	Screw-Hex. HD. Flange
5	3256-23	4	Washer-Flat
6	33114-016	4	Screw-HH
7	99-3648-03	1	Mount-Filter, Air
8	2412-92	1	Clamp-Hose
9	100-4824	1	Air Cleaner ASM
9:1	285-17	1	Plug-Pipe
9:2	104-0497	1	Cover ASM
9:5	104-0498	1	Valve-Vacuator
❷9:6	98-9763	1	Element-ASM
11	33014-00	4	Nut-Hex
12	42-9850	4	Washer-Lock, Spring
13	100-4825	1	Band-Mouning, Air Cleaner
13:2	94-3653	1	Bolt
13:3	94-3654	1	Spring-Compression
13:4	48-9510	1	Nut
14	100-4810	1	Muffler
15	95-8943-03	1	Bracket-Muffler
16	99-3425-03	1	Guard-Exhaust (Europe)
17	32144-4	4	Screw-Hex HD. Thr-D Forming
18	3234-17	3	Screw-HHF

Ref	Part No.	Qty.	Description
19	2412-130	3	Hose Clamp

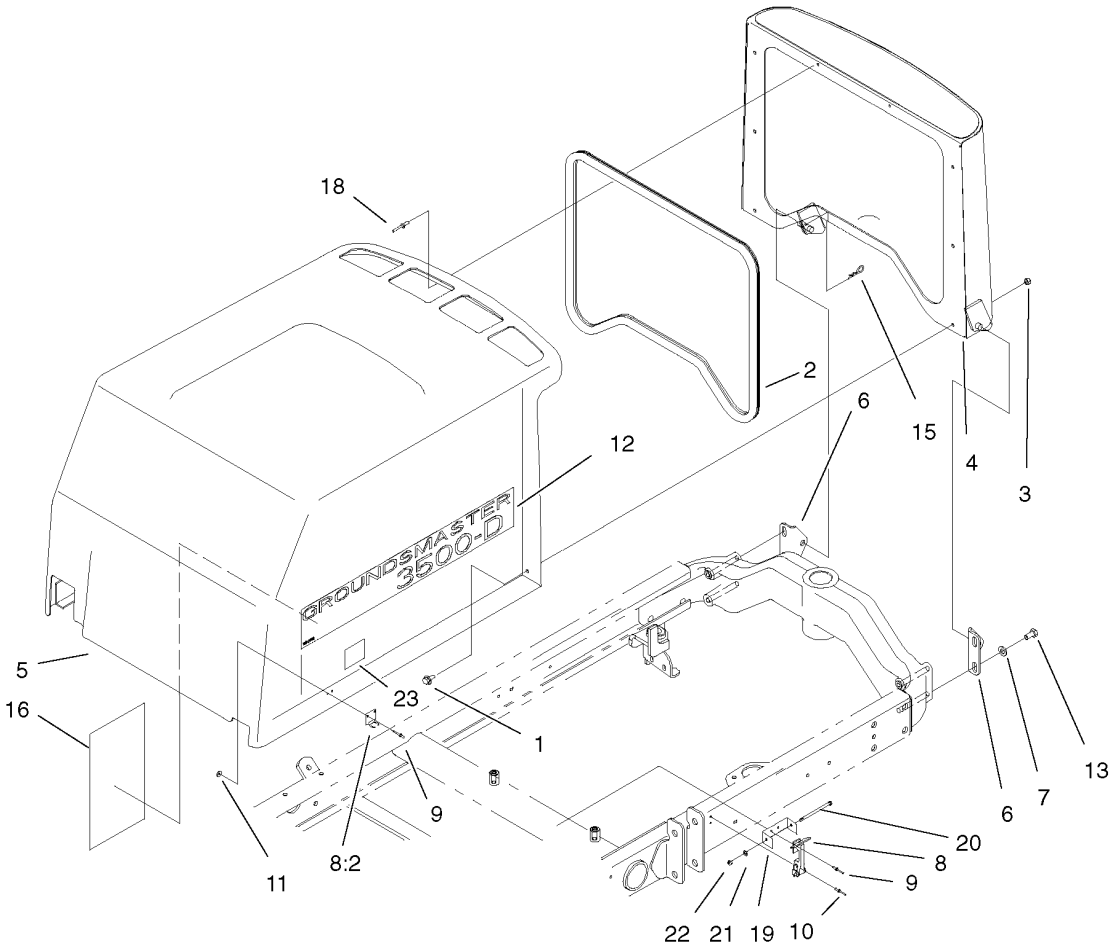


Water Overflow Bottle is furnished with engine

Radiator Assembly

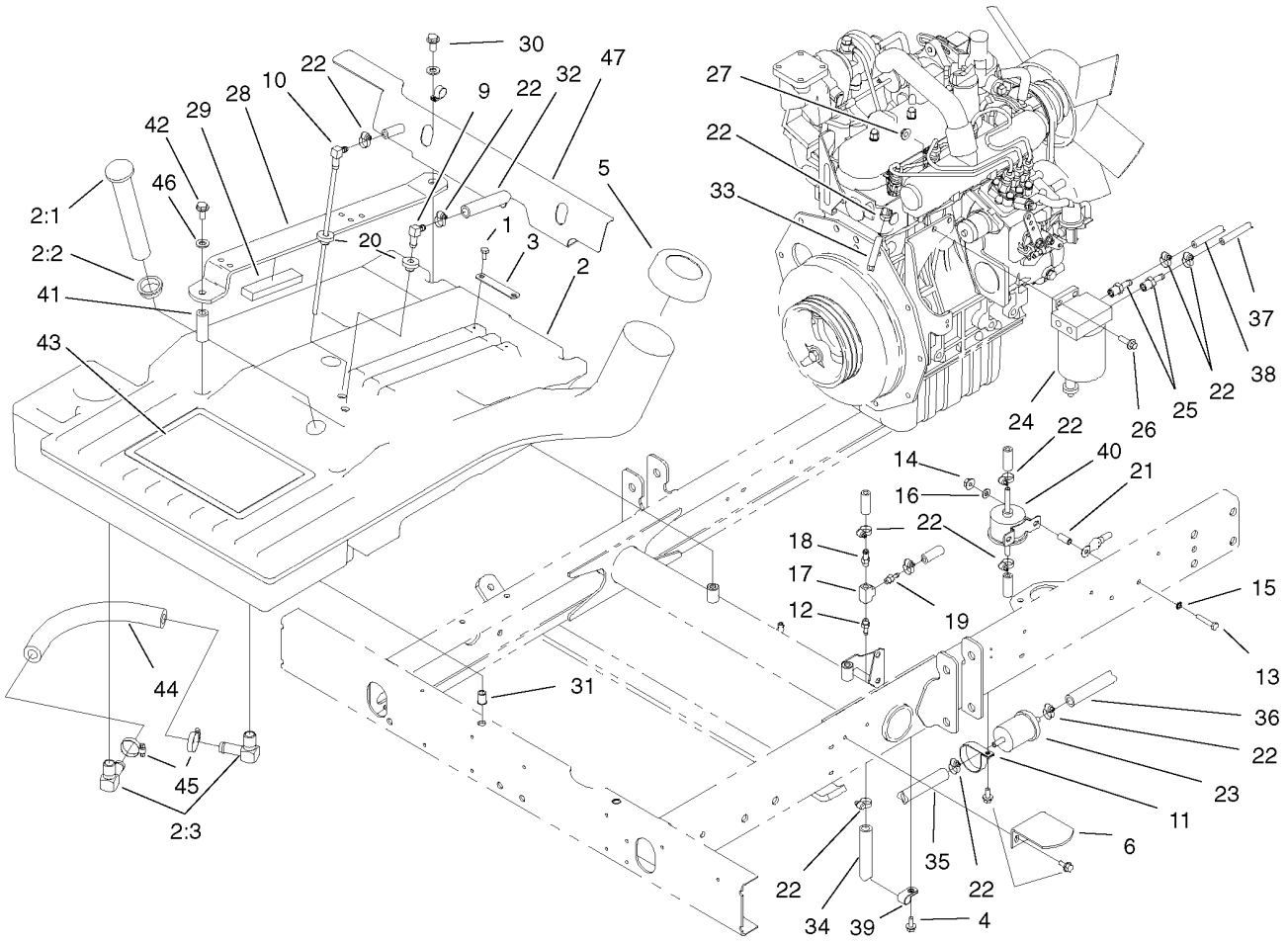
Ref	Part No.	Qty.	Description
1	304-46	1	Drain Cock
2	32104-116	11	Screw-Flange Hex. HD.
3	32128-44	4	Nut-Flange
4	3230-1	4	Bolt-Carriage
5	99-3637	1	Radiator
5:1	93-5957	1	Cap-Radiator
6	100-4885-03	1	Shroud-Fan, Top
7	100-4898-03	1	Shroud-Fan, Bottom
8	3234-1	4	Screw-HHF
9	92-2379	2	Clamp-Hose
10	100-4802-03	1	Frame-Radiator
13	3234-5	2	Screw-Hex. HD. Flange
14	100-4899-03	1	Bracket-Reservoir
20	95-8702-03	1	Frame-Screen, Lower
21	99-3497	1	Catch-Magnetic
22	100-4869	1	Cooler-Oil
23	104-0454	1	Hose-Radiator, Upper
24	100-4809	1	Hose-Radiator, Lower
25	2412-34	6	Clamp-Hose
26	99-3644	1	Filter Head Tube ASM
27	100-4925	1	Fitting-Bulkhead
28	99-3646	2	Hose-Cooler, Oil
33	66-8800	1	Relay
34	32105-13	2	Hex Washer HD. Screw

Ref	Part No.	Qty.	Description
35	63-9640	1	Hose-Fuel
37	100-4924	1	Tube ASM
38	32128-17	2	Locknut
41	93-6681	1	Decal-Warning, Fan
42	32128-20	2	Nut-Flange
43	340-126	1	Nut-Bulkhead
44	100-4866	1	Grommet
45	100-4858	2	Form-Wire
46	100-4859	2	Bracket-Cooler, Keeper
47	100-4860	2	Bracket-Clamp
48	322-17	2	Screw-HH
49	3296-47	2	Nut-Hex Lock
50	104-9459	4	Seal-Foam



Hood-Screen Assembly

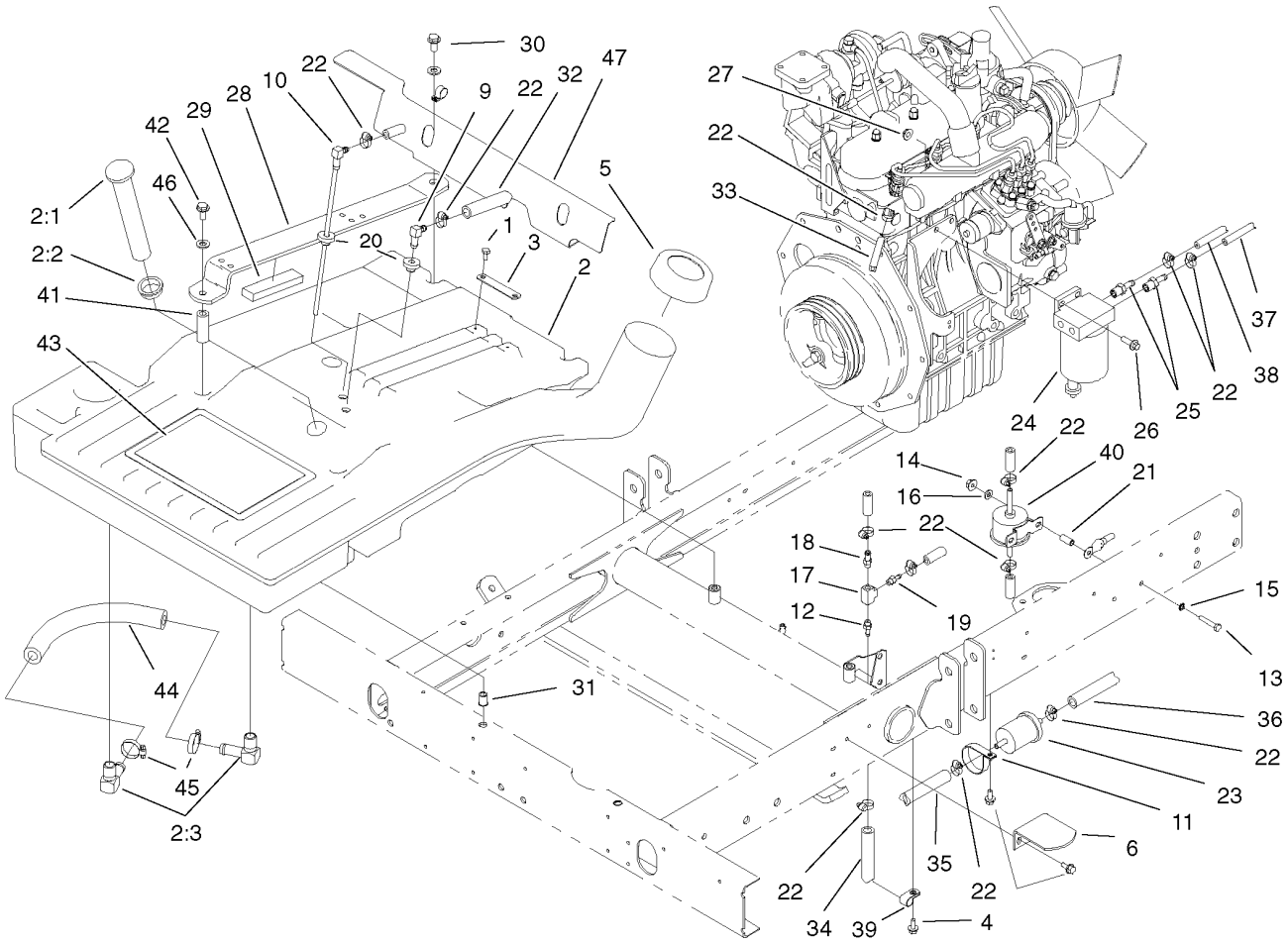
Ref	Part No.	Qty.	Description
1	3234-4	6	Screw-Sq. HD. Set
2	100-4932	1	Trim-Seal
3	3296-42	6	Nut-Lock
4	100-4847-03	1	Screen-Hood
5	100-4855	1	Hood
6	95-8728	2	Bracket-Hood Pivot
7	3256-24	4	Washer-Flat
8	59-9740	2	Latch Assembly
8:2	249-40	1	Keeper-Reverse
9	98-7310	4	Rivet
10	3290-55	4	Rivet
11	3269-10	4	Washer-Backup
12	104-0446	2	Decal
13	323-4	4	Screw-HH
15	3290-467	1	Pin-Hair
16	104-4864	1	Decal-Service Instructions
18	3269-21	2	Rivet-Pop 3/16 No Ad-66 Bs
19	99-3568	1	Bracket-Hood Lock (Europe)
20	321-9	1	Screw-Hex HD. Cap
21	3256-22	1	Washer-Flat
22	3296-42	1	Nut-Lock
23	100-6574	1	Decal-Warning



Fuel System Assembly

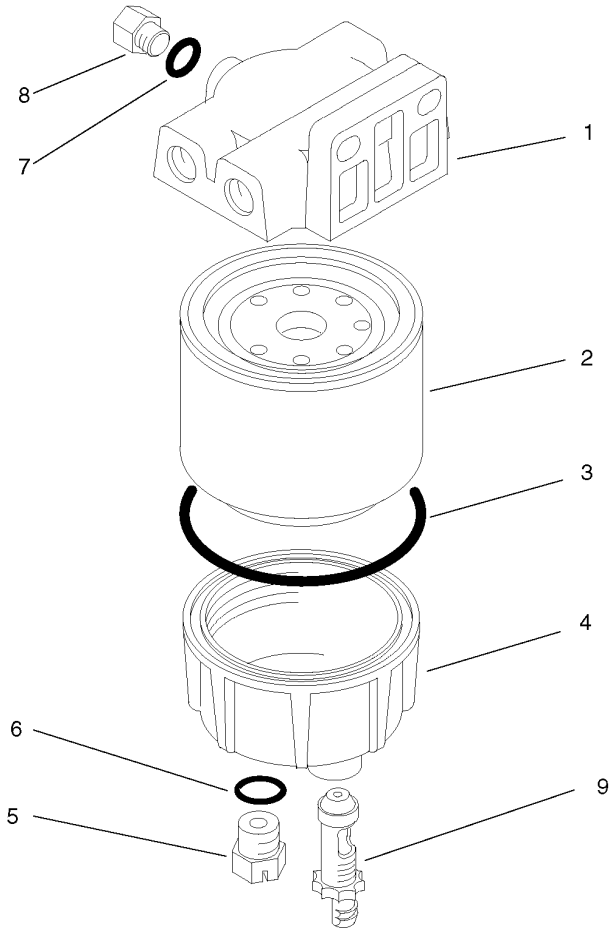
Ref	Part No.	Qty.	Description
1	321-2	2	Screw-HH
2	104-0408	1	Tank-Fuel
2:1	95-8971	1	Fuel-Gauge
2:2	95-8972	1	Grommet
2:3	353-377	2	90 DEG. Barb Hose Stem
3	95-8881	1	Strap-Fuel Line
4	32144-10	4	Screw
5	95-4193	1	Diesel Gas Cap ASM
6	95-8968-03	1	Support-Fuel Tank
9	46-6550	1	Fitting-Fuel 90Ø
10	66-8121	1	Standpipe
11	2412-148	1	R-Clamp
12	304-73	1	Fitting-Straight Barb
13	321-9	2	Screw-Hex HD. Cap
14	32128-33	2	Nut-Flange
15	3255-7	1	Washer-Lock
16	3256-22	2	Washer-Flat
17	354-20	1	Block
18	354-21	1	Fitting-Fuel
19	354-22	1	Fitting-Fuel
20	46-6560	2	Bushing
21	87-4710	2	Spacer-Parking Brake
22	2412-108	13	Clamp-Worm
23	98-7612	1	Filter-Fuel

Ref	Part No.	Qty.	Description
24	98-9305	1	Filter-Water/Fuel
25	353-783	2	Fitting-Pump
26	3234-17	2	Screw-HHF
27	32128-44	2	Nut-Flange
28	104-0467-03	2	Strap-Support, Seat
29	95-8896	2	Foam
30	3234-11	2	Screw-HHF
31	32148-9	2	Insert-Threaded
32	71-3380	1	Hose-Fuel
33	99-3498	1	Hose
34	99-3185	1	Line-Fuel
35	71-3383	1	Hose-Fuel
36	19-3250	1	Hose
37	63-9640	1	Hose-Fuel
38	104-4857	1	Hose-Fuel
39	2412-73	1	"r"clamp
40	99-3464	1	Pump-Fuel
41	104-0466	2	Spacer-Tube
42	323-14	2	Screw-HH
43	104-0484	1	Decal
43	99-3560	1	Decal-Danger (Europe)
44	104-0465	1	Hose
45	2412-129	2	Clamp-Hose
46	3256-24	2	Washer-Flat



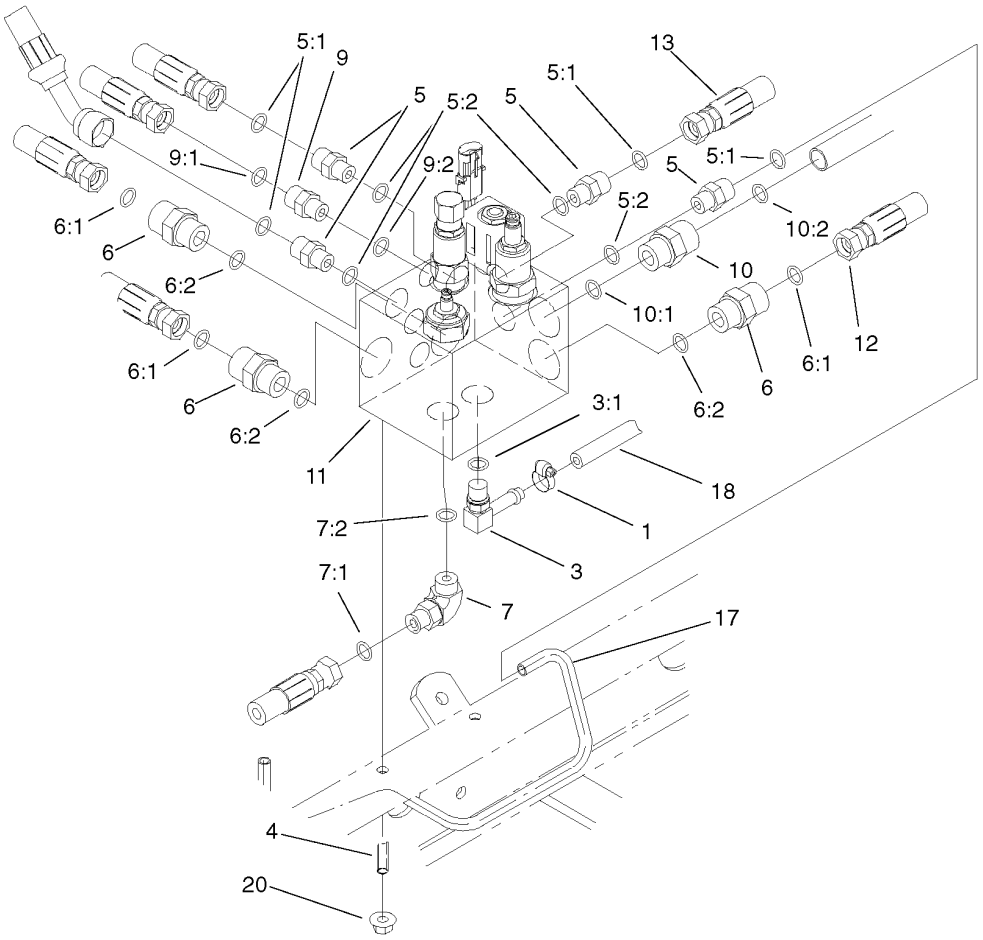
Fuel System Assembly (continued)

Ref	Part No.	Qty.	Description
47	104-4833-03	1	Shield-Heat



Water / Fuel Filter Assembly No. 98-9305

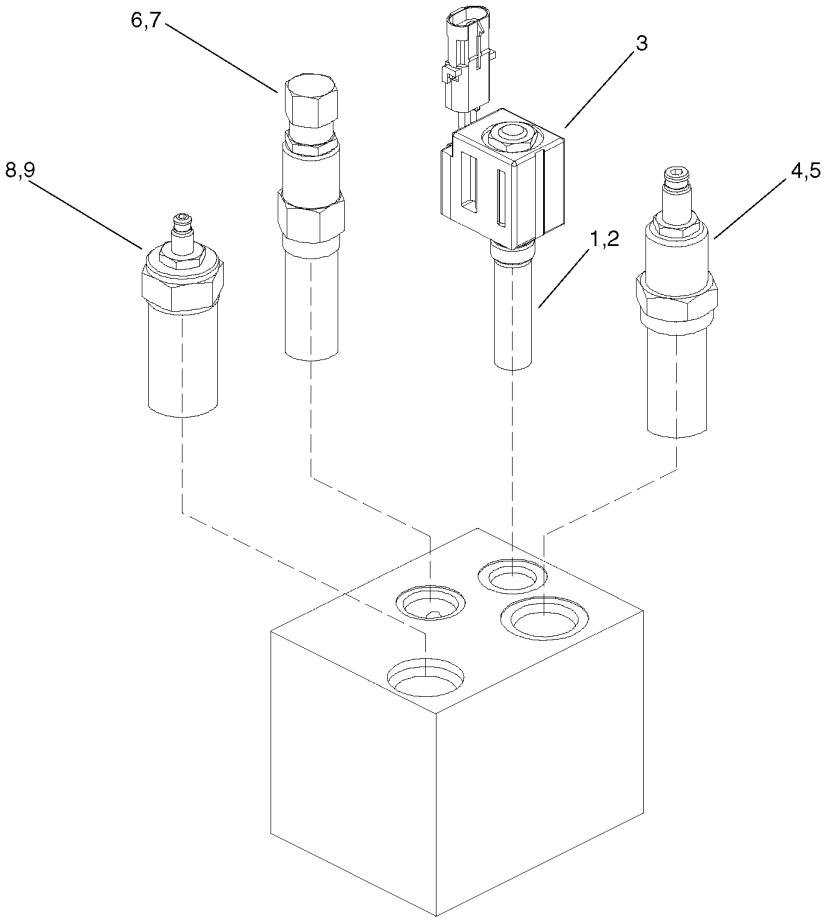
Ref	Part No.	Qty.	Description
1	98-9772	1	Head-Filter
2	98-9764	1	Element-On, Spin
3	98-9774	1	O-Ring-Base, Filter
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	"o"ring
8	98-9776	1	Plug-Filter, Head
9	98-9777	1	Drain Valve ASM



Manifold Block Installation Assembly

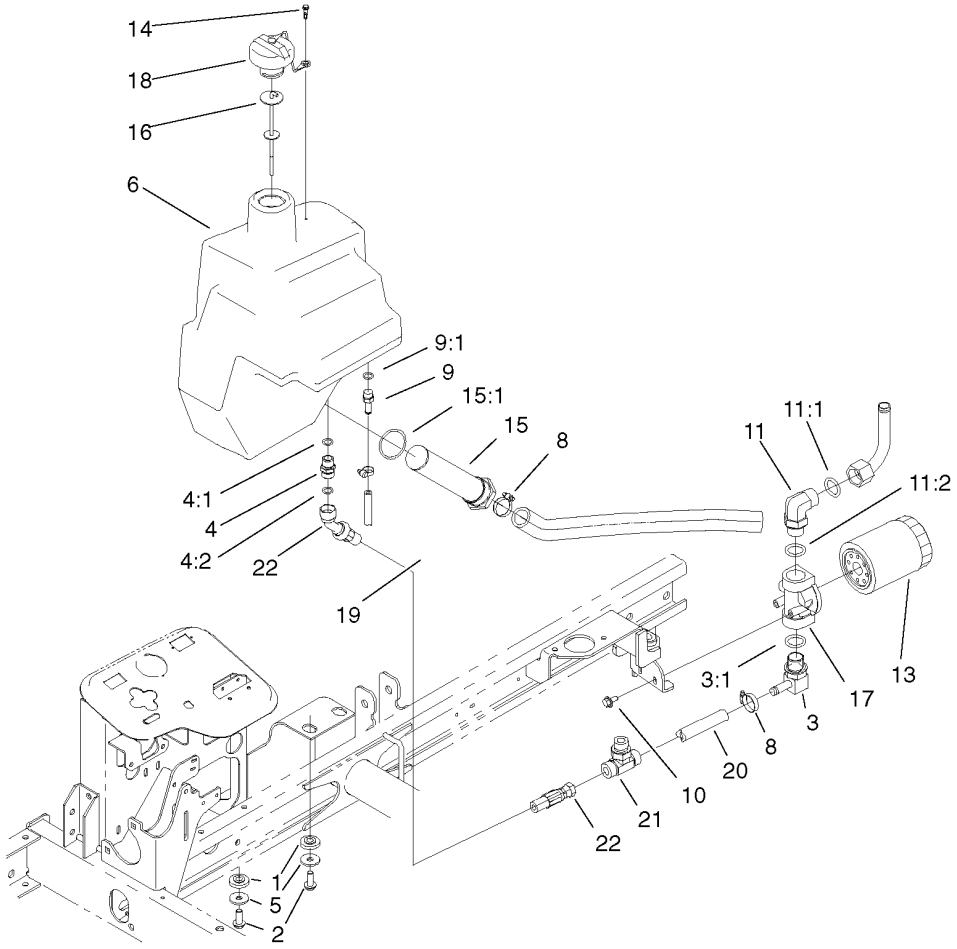
Ref	Part No.	Qty.	Description
1	2412-36	1	Clamp
3	100-4887	1	Fitting-Barb
3:1	237-42	1	O-Ring
4	104-0430	2	Stud
5	340-2	4	Adapter
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-7	3	Adapter
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	340-77	1	Fitting-HYD., 90Ø
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
9	340-88	1	Fitting-Hydraulic, Straight (Incl. Ref. No.18 And 31)
9:1	237-22	1	O-Ring
9:2	237-78	1	"o"ring
10	340-66	1	Fitting-Hydraulic
10:1	237-80	1	O-Ring
10:2	237-58	1	O-Ring
11	100-4826	1	Manifold Block ASM
12	104-0488	1	Hose ASM
13	100-4889	1	Hose ASM
17	100-4827	1	Tube ASM

Ref	Part No.	Qty.	Description
18	80-7342	1	Hose-Water
20	32128-20	2	Nut-Flange



Manifold Block Assembly No. 100-4826

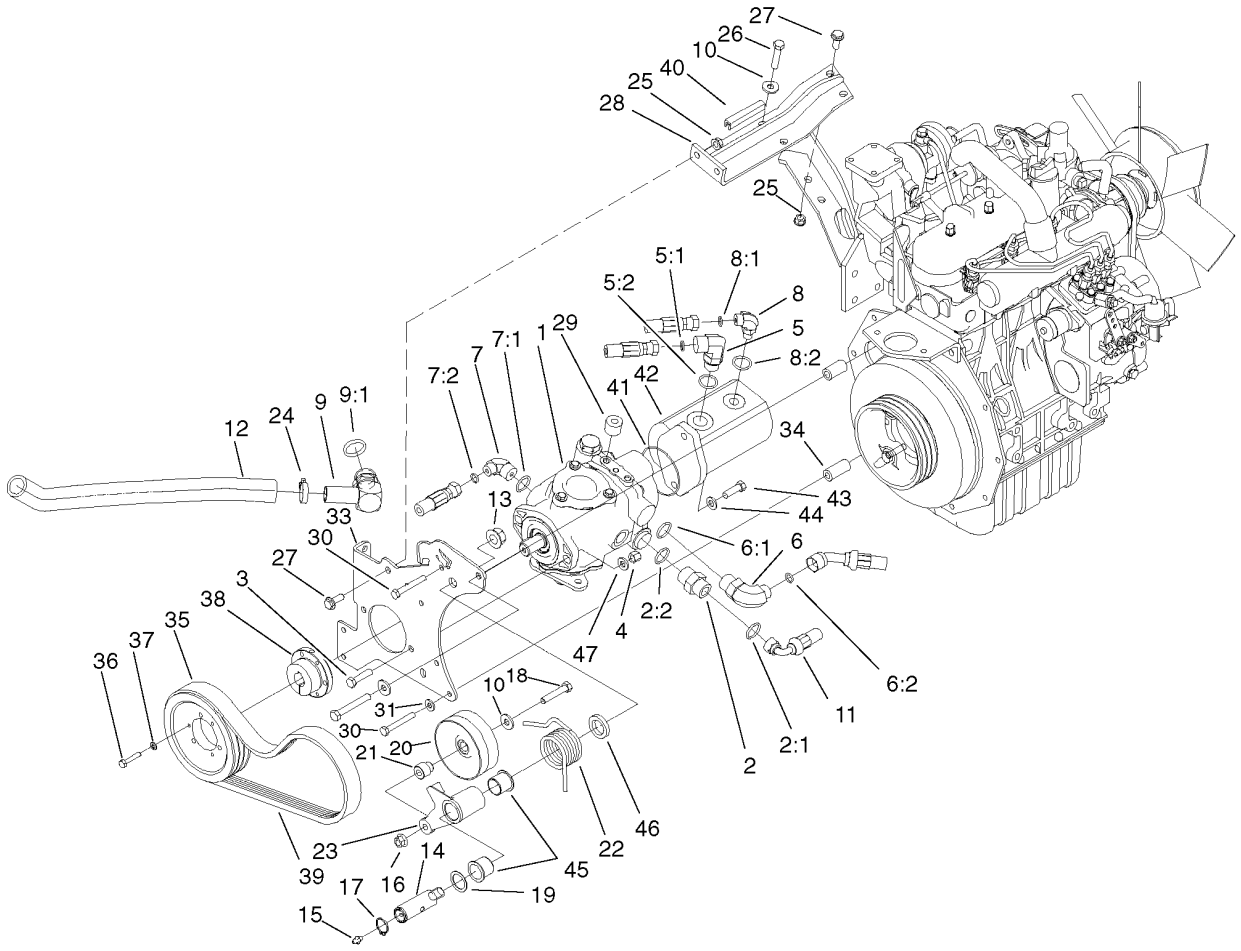
Ref	Part No.	Qty.	Description
1	104-4262	1	Valve-Solenoid
2	104-4263	1	Seal Kit
3	104-4264	1	Coil-Solenoid
4	104-4265	1	Valve-Relief, Vented
5	104-4266	1	Seal Kit
6	104-4267	1	Cartridge-Logic
7	104-4268	1	Seal Kit
8	104-4269	1	Valve-Braking
9	104-4270	1	Seal Kit



Hydraulic Tank Assembly

Ref	Part No.	Qty.	Description
1	240-11	4	Grommet-Mount, Tank
2	3234-11	4	Screw-HHF
3	353-987	1	Elbow
3:1	237-81	1	O-Ring
4	100-4890	1	Fitting-Check
4:1	237-79	1	"o"ring
4:2	237-30	1	O-Ring
5	63-8410	4	Washer-Lock
6	104-4840	1	Tank-Hydraulic
8	2412-34	2	Clamp-Hose
9	353-979	1	Fitting-Hydraulic, Barbed
9:1	237-42	1	O-Ring
10	3234-13	2	Screw-Hex Flange HD.
11	340-142	1	Fitting-Elbow, Hydraulic (Incl. Ref. No.9 And 11)
11:1	237-58	1	O-Ring
11:2	237-81	1	O-Ring
13	86-3010	1	Filter-Oil, Transmission
14	57-5420	1	Screw-Shoulder
15	104-7546	1	Strainer-Tank
15:1	340-136	1	O-Ring
16	75-3710	1	Dipstick Assembly-Oil
17	92-5821	1	Filter Head ASM
18	93-7160	1	Cap-HYD Oil

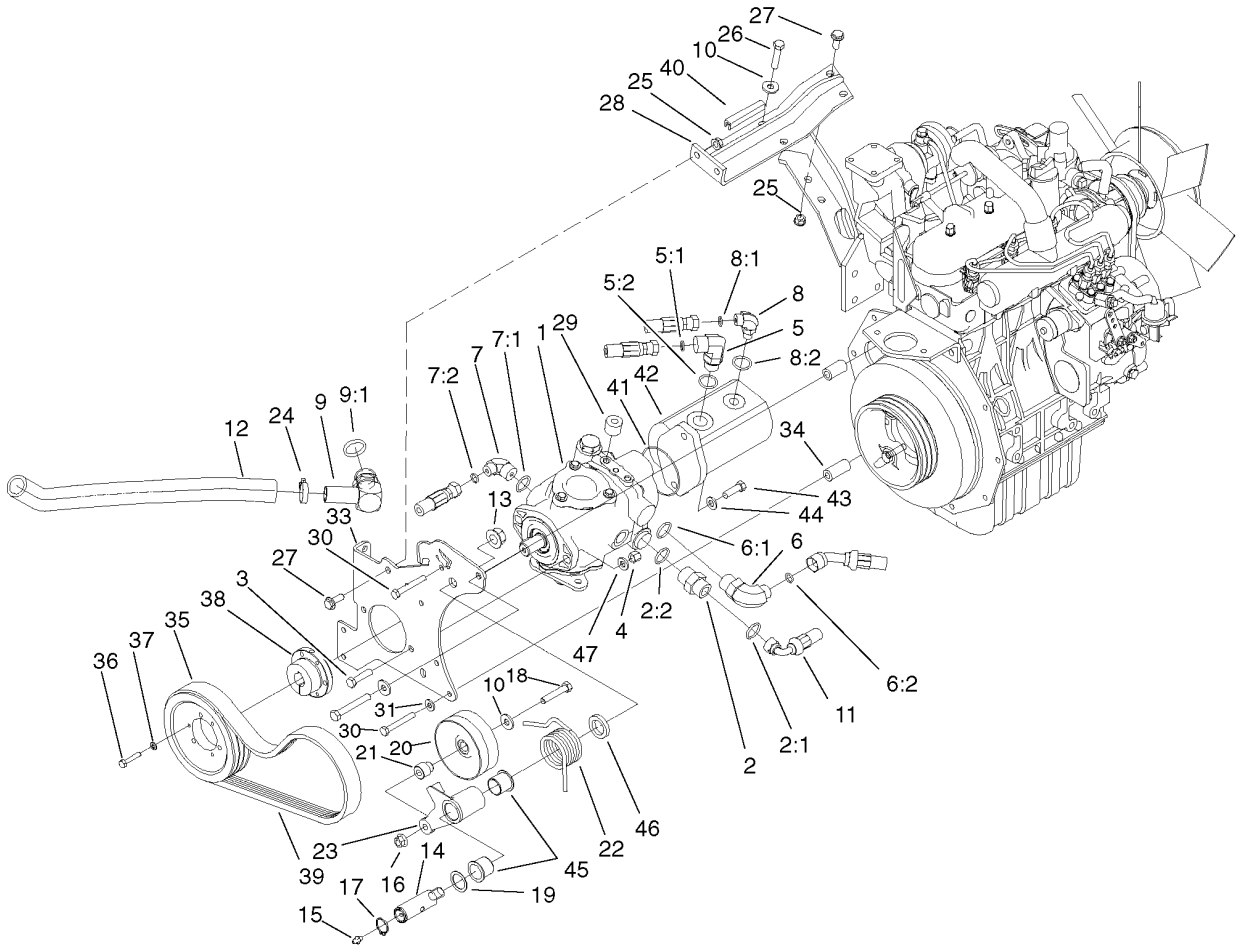
Ref	Part No.	Qty.	Description
19	2412-36	1	Clamp
20	104-0486	1	Hose ASM
21	104-4836	1	Fitting-Tee
22	104-0487	1	Hose ASM



Hydrostat Assembly

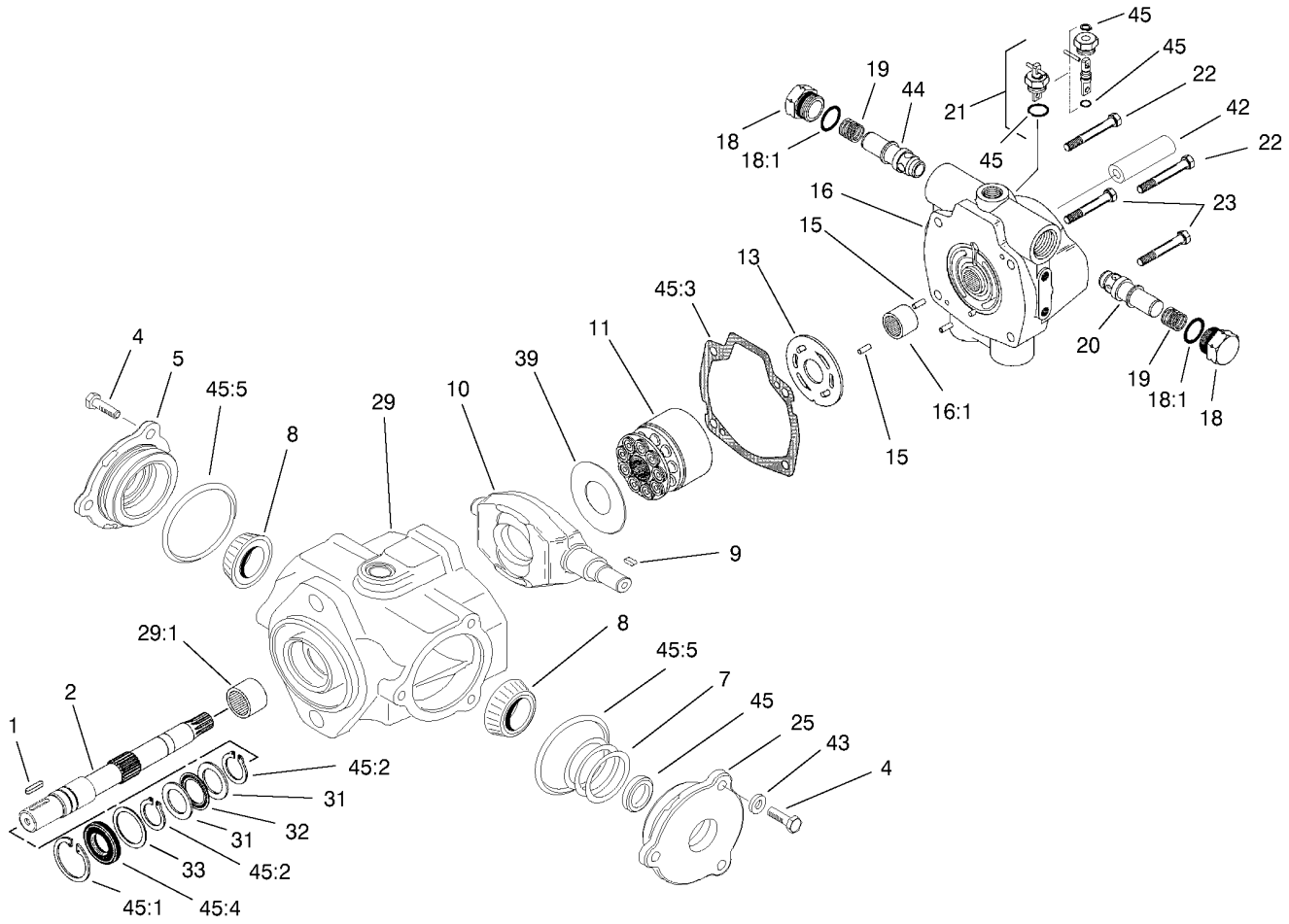
Ref	Part No.	Qty.	Description
1	104-4832	1	Pump-Piston
2	340-8	1	Fitting-Adapter (Incl. Ref. No.5 And 13)
2:1	237-65	1	O-Ring
2:2	237-81	1	O-Ring
3	323-8	2	Screw-HH
4	3296-39	2	Nut-Lock, NI
5	340-17	1	Ftg-HYD 90
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	340-139	1	Fitting-Hydraulic (Incl. Ref. No.5 And 13)
6:1	237-81	1	O-Ring
6:2	237-65	1	O-Ring
7	340-18	1	Fitting
7:1	237-79	1	"o"ring
7:2	237-22	1	O-Ring
8	340-77	1	Fitting-HYD., 90Ø
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	95-3502	1	Fitting-HYD Barb, 90Ø
9:1	237-81	1	O-Ring
10	80-6990	3	Washer-Hardened
11	105-1214	1	Hose ASM

Ref	Part No.	Qty.	Description
12	104-5486	1	Hose
13	32128-54	1	Nut-Flange
14	99-3624	1	Shaft-Pivot, Idler
15	302-5	1	Fitting-Grease
16	32128-21	1	Nut-HF
17	32151-36	1	Ring-Retaining
18	323-10	1	Screw-Cap Hex. HD.
19	74-1810	1	Washer
20	99-3621	1	Pulley-Idler
21	99-3622	1	Spacer-Idler
22	100-4844	1	Spring-Torsion
23	99-3623-03	1	Arm-Idler
24	2412-34	1	Clamp-Hose
25	32128-43	4	Nut-Flange
26	323-19	2	Screw
27	3234-11	4	Screw-HHF
28	99-3436-03	1	Pump Support Assembly
29	99-3440	2	Spacer
30	33114-060	4	Screw-HH
31	87-8640	3	Washer-Flat, Hardened
33	95-8933-03	1	Plate-Pump, Mount
34	95-8941	4	Spacer-Mount, Pump
35	99-3620	1	Pulley-3V, Pump
36	321-13	3	Screw-Hex HD. Cap



Hydrostat Assembly (continued)

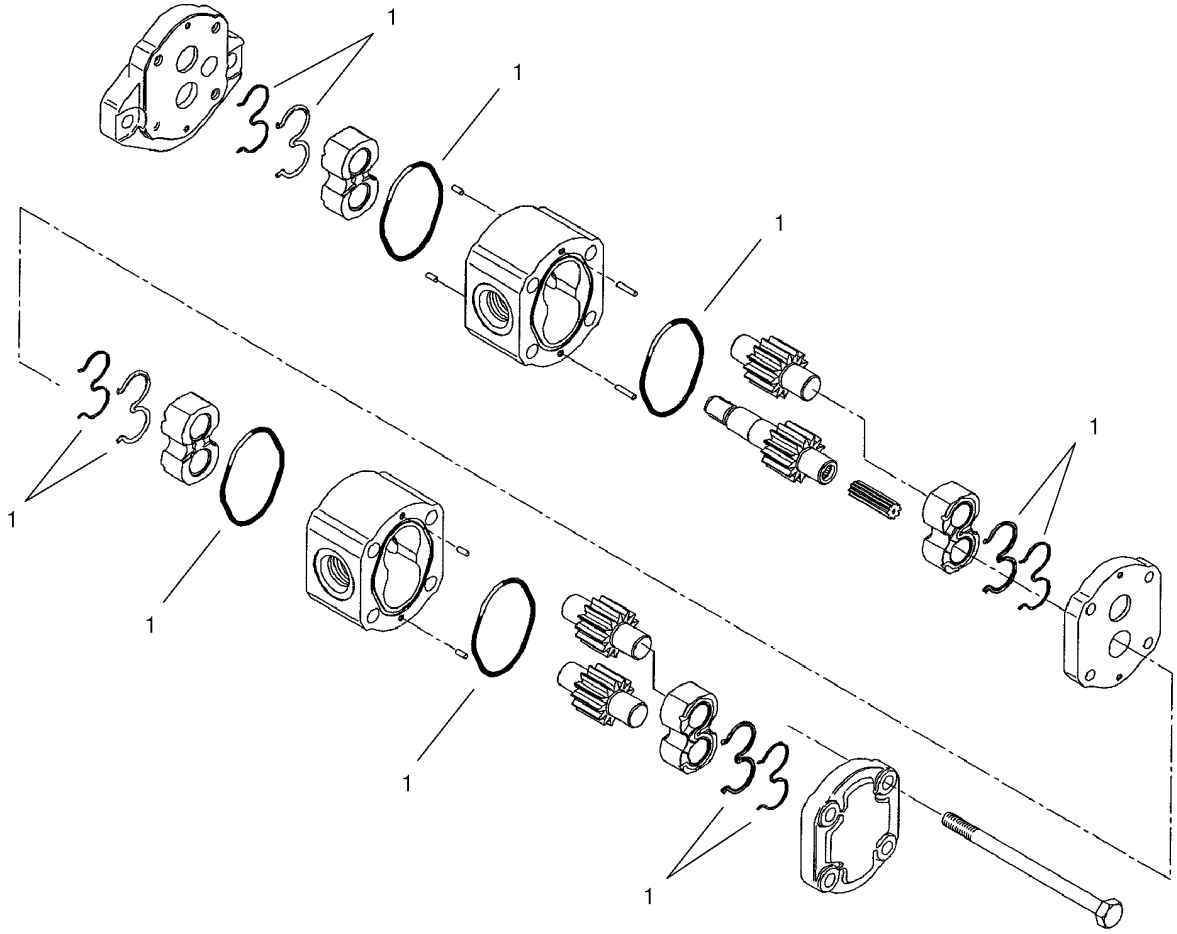
Ref	Part No.	Qty.	Description
37	3253-3	3	Washer-Lock
38	100-4813	1	Bushing-Lock, Taper
39	99-3619	1	Belt-3V
40	70-2041	1	Trim
41	353-949	1	O-Ring
42	100-1646	1	Hydraulic Pump ASM
43	323-7	2	Screw-HH
44	3256-24	2	Washer-Flat
45	99-3631	2	Bushing-Flange
46	99-3625	1	Spacer-Arm, Idler
47	100-4852	2	Washer-Hardened



Piston Pump Assembly No. 104-4832

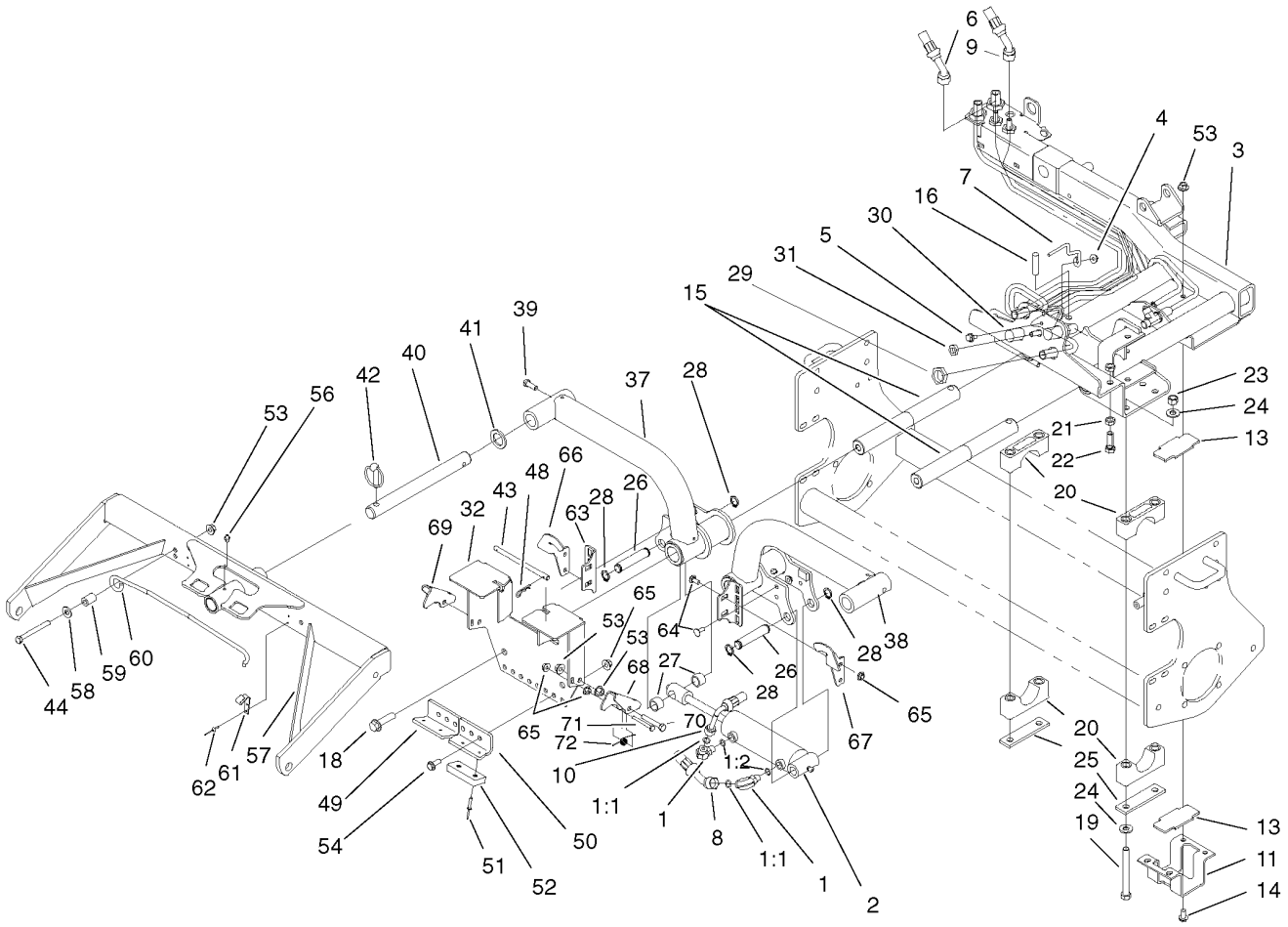
Ref	Part No.	Qty.	Description
1	94-3645	1	Key
2	94-6359	1	Shaft-Drive
4	98-4640	6	Screw-Cap
5	98-4633	1	Cover Plate Assembly
7	100-3182	1	Kit-Shim
8	98-4639	2	Bearing-Cone
9	94-3646	1	Key
10	99-3520	1	Plate-Cam
11	76-6070	1	Rotating Kit ASM
13	104-0429	1	Plate-Cam
15	76-6150	2	Pin-Dowel
16	100-3177	1	Back Plate ASM
16:1	94-6368	1	Bearing
18	70-1240	2	Plug ASM
18:1	60-5980	1	O-Ring
19	76-6200	2	Spring
20	94-3644	1	Seat
21	100-3181	1	Dump Valve ASM
22	76-6170	2	Capscrew
23	76-6160	2	Capscrew
25	98-4645	1	Cover Plate ASM
29	100-3176	1	Housing ASM
29:1	94-6363	1	Bearing
31	252-71	2	Bearing-Thrust

Ref	Part No.	Qty.	Description
32	252-66	1	Bearing-Thrust
33	33-3720	1	Washer
39	98-4635	1	Insert-Plate, Cam
42	74-9040	1	Coupler
43	95-6055	6	Washer
44	104-4837	1	Relief Valve ASM
45	98-4636	1	Seal Repair Kit (Incl. Ref. No.6, 12, 17, 30, 34-38 And 40-41)
45:1	32151-13	1	Ring-Snap, Internal
45:2	32151-29	1	Ring-Snap, External
45:3	33-4930	1	Gasket-Housing
45:4	42-2720	1	Seal-External
45:5	100-3179	1	O-Ring



Hydraulic Pump Assembly No. 100-1646

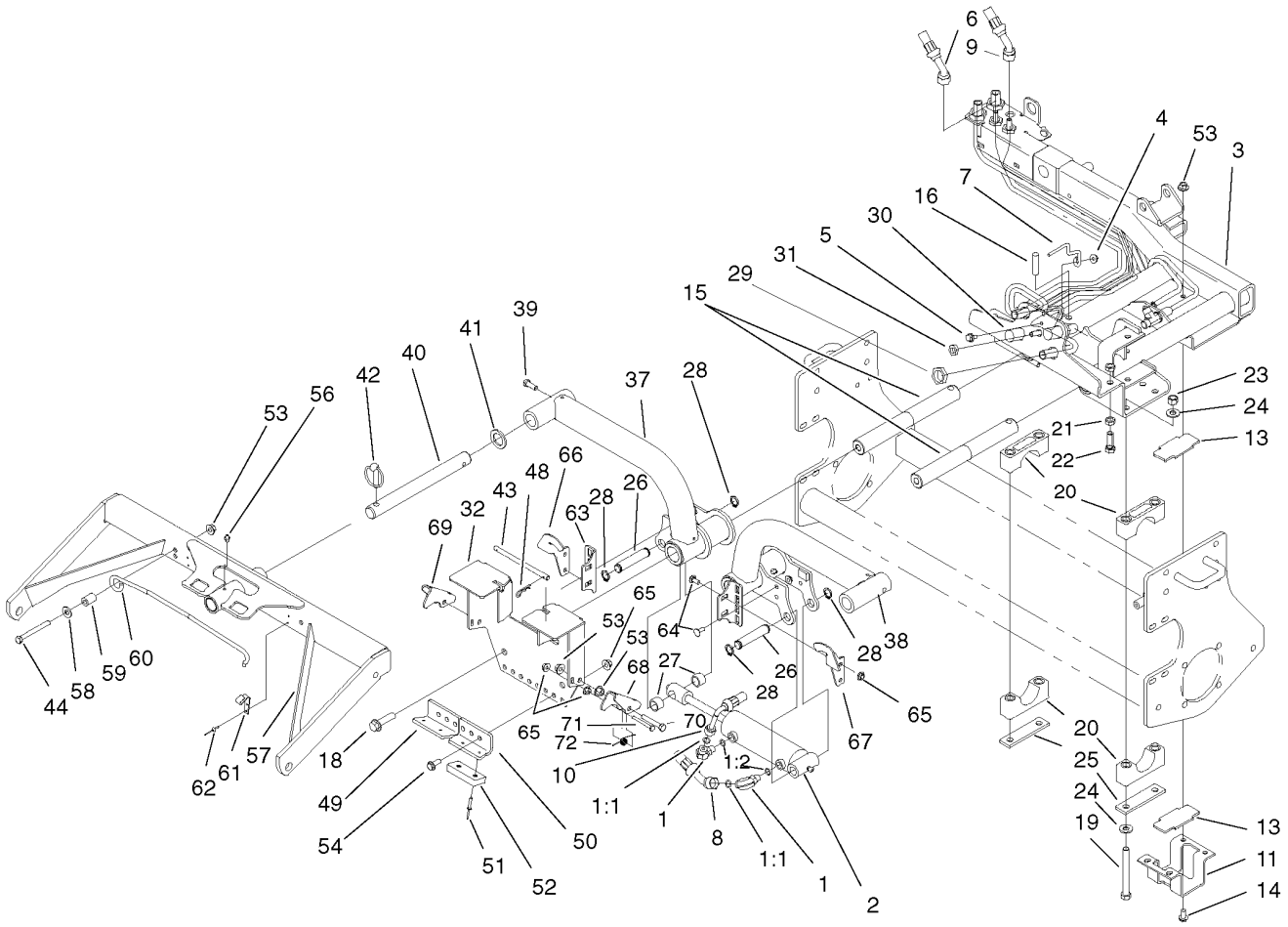
Ref	Part No.	Qty.	Description
1	104-4226	1	Kit-Seal



Carrier Assembly

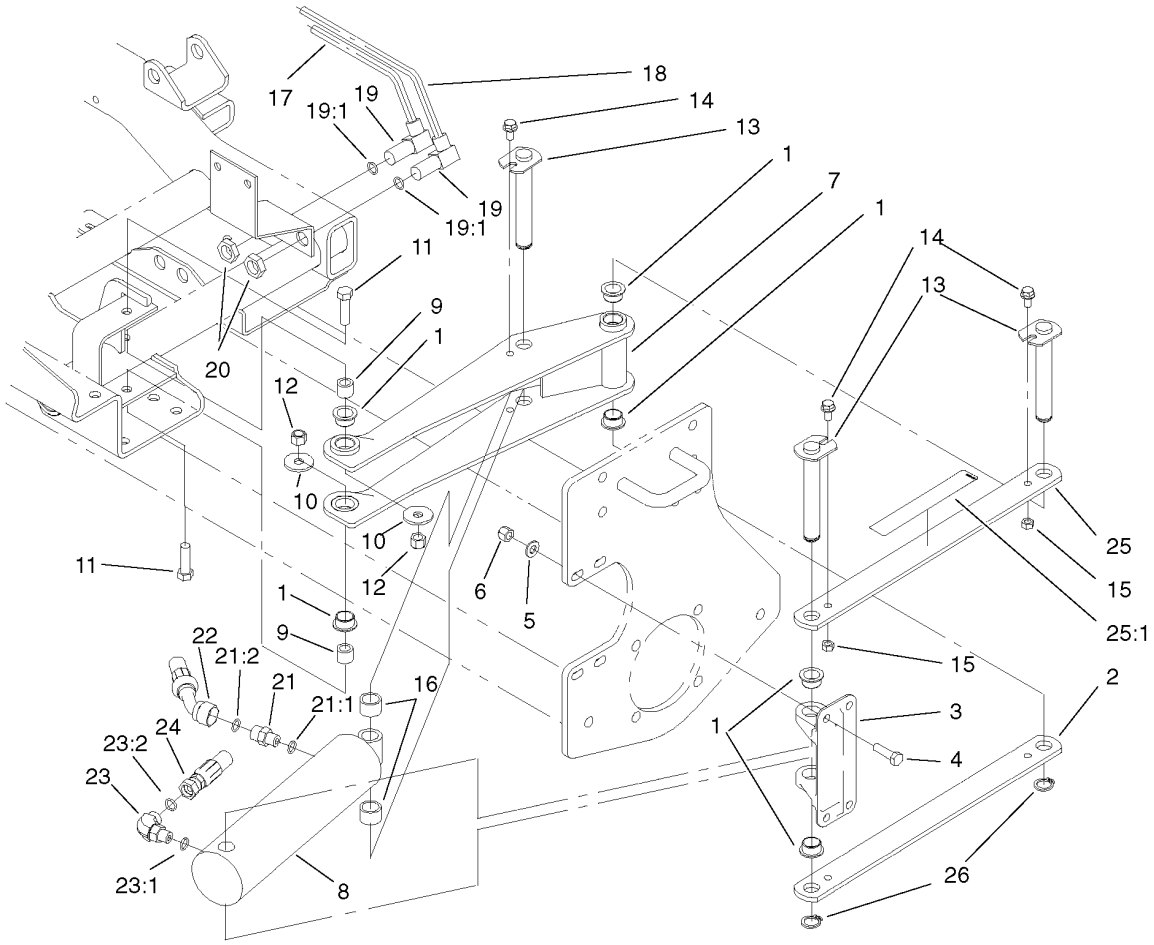
Ref	Part No.	Qty.	Description
1	340-77	2	Fitting-HYD., 90Ø
1:1	237-22	1	O-Ring
1:2	237-42	1	O-Ring
2	95-8978	1	Cylinder-Hydraulic
3	100-4939-03	1	Sidewinder Carrier ASM
4	32128-33	1	Nut-Flange
5	3234-4	1	Screw-Sq. HD. Set
6	95-8822	1	Hose Assembly
7	99-3433	1	Wire-Centering (Model 03201)
8	104-0405	1	Hose ASM
9	95-8821	1	Hose Assembly (Model No. 03201)
10	104-0406	1	Hose ASM
11	104-0416-03	1	Bracket-Slide
13	104-0417	2	Slide-Plastic
14	3234-1	4	Screw-HHF
15	95-8531	2	Shaft-Pivot, Liftarm
16	32121-122	2	Pin-Roll
18	3234-27	2	Screw-Flange
19	325-38	8	Screw-HH (Model No. 03201
20	95-8609	8	Cap-Bearing (Model No. 03201)
21	3218-5	4	Nut-Jam
22	325-6	2	Screw-Hex HD. Cap
23	3296-23	8	Nut-Lock

Ref	Part No.	Qty.	Description
24	87-7270	16	Washer-Thrust
25	99-3373	4	Bar-Support, Slide (Model No. 03201)
26	95-8575	2	Pin
27	75-9590	2	Spacer
28	32120-93	4	Snap Ring
29	340-74	4	Locknut-Bulkhead
30	99-3640	1	Tube ASM
31	340-78	1	Nut-Bulkhead
32	104-4820-03	1	Bracket-Carrier Stop
37	104-0481	1	RH Liftarm ASM
38	104-0482	1	LH Liftarm ASM
39	323-6	2	Screw-HH
40	95-8979	2	Shaft-Cu, Pivot
41	3-6781	2	Washer-Thrust
42	283-71	2	Pin-Lynch
43	104-0472	1	Rod
44	323-15	2	Screw-Hex HD. Cap
48	3290-467	2	Pin-Hair
49	104-4639-03	1	Stop-Deck, LH
50	104-4640-03	1	Stop-Deck, RH
51	3269-11	4	Rivet
52	86-5350	2	Bumper-Rubber
53	32128-43	14	Nut-Flange



Carrier Assembly (continued)

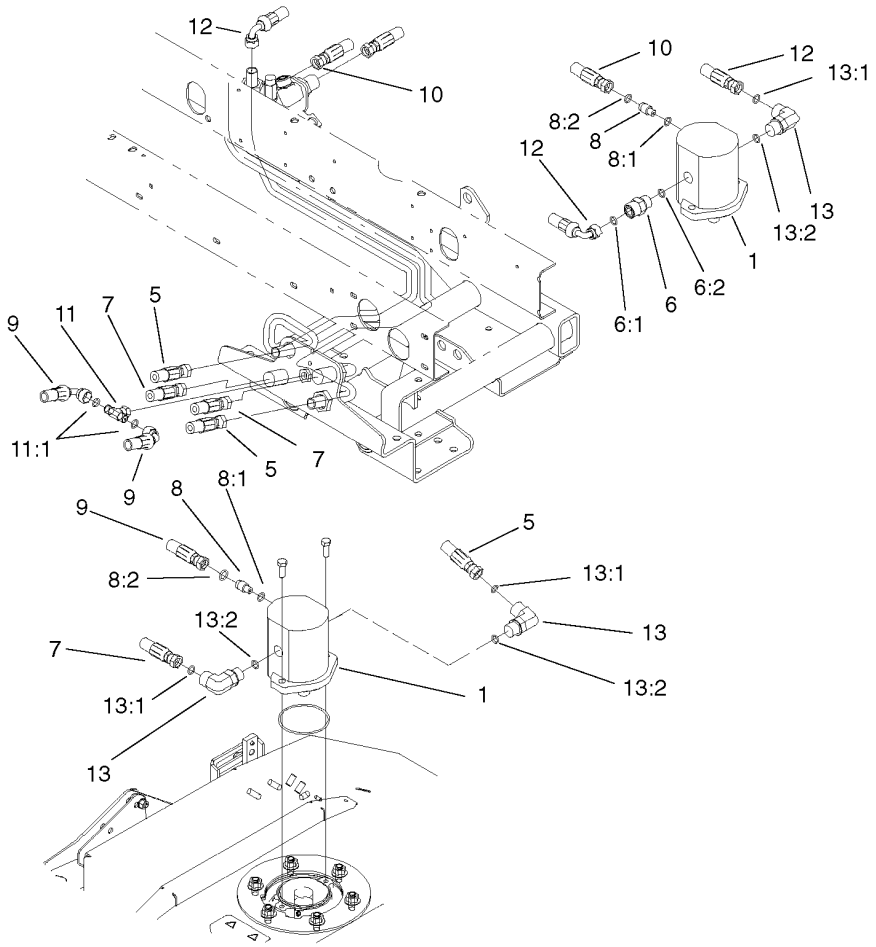
Ref	Part No.	Qty.	Description
54	3234-11	4	Screw-HHF
56	302-5	2	Fitting-Grease
57	104-4230	2	Front Carrier Frame ASM
58	3256-4	2	Washer-Flat
59	104-4613	2	Tube-Latch
60	104-4612	2	Rod-Latch
61	104-4237	2	Clip-Rod
62	3290-271	4	Rivet-Pop
63	104-4828-03	2	Bracket-Actuator
64	3230-23	8	Screw-CARR
65	32128-44	12	Nut-Flange
66	104-4826-03	1	Actuator, RH
67	104-4827-03	1	Actuator, LH
68	104-4819-03	1	Bracket-Pivot, LH
69	104-4825-03	1	Bracket-Pivot, RH
70	323-11	2	Screw-Hex HD. Cap
71	322-11	2	Screw-HH
72	104-4821	2	Spring-Torsion



Scissor Assembly

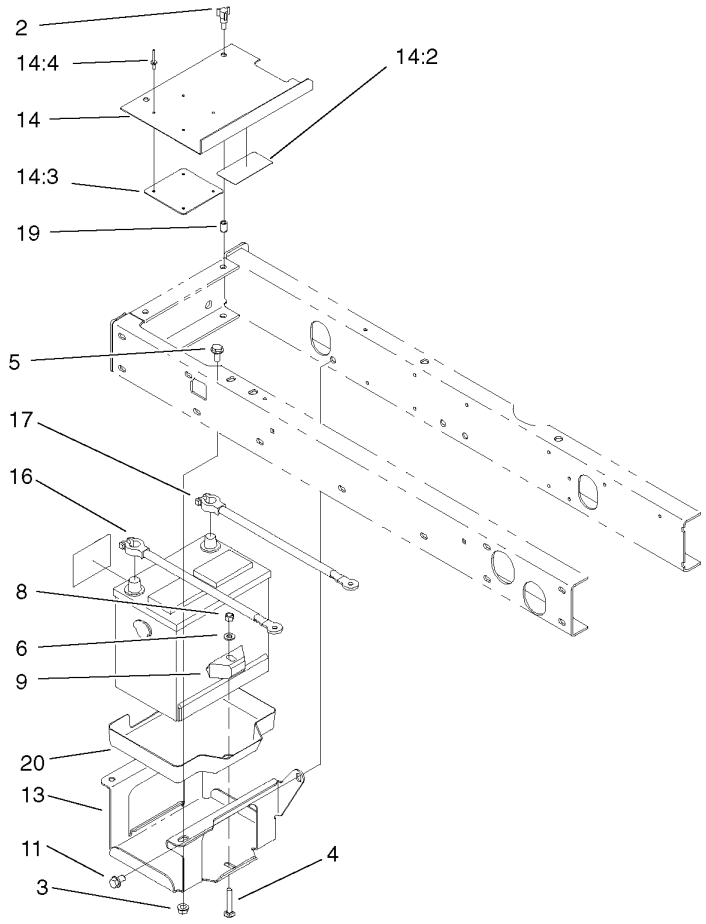
Ref	Part No.	Qty.	Description
1	95-8526	6	Bushing-Plastic
2	95-8527-03	1	Link-Scissor (Incl. Ref. No.25)
3	95-8883	1	Mount-Scissor
4	323-7	4	Screw-HH
5	3256-24	4	Washer-Flat
6	3296-39	4	Nut-Lock, NI
7	95-8521-03	1	Scissor Frame
8	95-8512	1	Cylinder-Hydraulic
9	95-8603	2	Spacer
10	87-5330	2	Washer-Flat
11	324-6	2	Capscrew
12	3296-48	2	Nut-Lock
13	95-8529	3	Pin-Welded
14	3234-14	3	Screw
15	32152-1	3	Nut-Lock
16	46-6350	2	Spacer
17	95-8790	1	Tube Assembly
18	95-8791	1	Tube Assembly
19	340-154	2	Fitting-Hydraulic, 90No. (Incl. Ref. No.26)
19:1	237-22	2	O-Ring
20	340-70	2	Locknut-Bulkhead
21	85-9720	1	Fitting-Hydraulic, Straight (Incl. Ref. No.27 And 28)

Ref	Part No.	Qty.	Description
21:1	237-78	1	"o"ring
21:2	237-21	1	O-Ring
22	95-8838	1	Hose
23	340-132	1	90 Elbow
23:1	237-78	1	"o"ring
23:2	237-21	1	O-Ring
24	95-8839	1	Hose
25	99-3505	1	Link-Scissor (Incl. Ref. No.25)
25:1	94-3353	1	Decal-Pinch Point
26	32120-93	2	Snap Ring



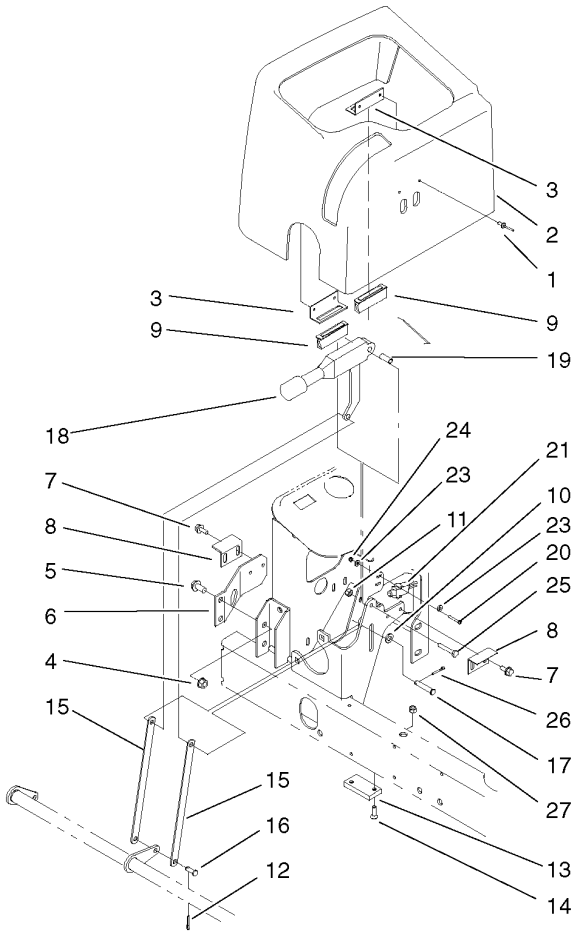
Deck Motor Assembly

Ref	Part No.	Qty.	Description
1	99-6104	3	Motor-Hydraulic
❷1:2	99-6105	1	Seal Kit
❷1:3	98-5185	1	Back Flange/Valve Kit
❷1:4	98-5191	1	Relief Valve Kit
5	105-1216	2	Hose ASM
6	340-7	1	Adapter
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	105-1215	2	Hose ASM
8	340-92	3	Fitting
8:1	237-78	1	"o"ring
8:2	237-21	1	O-Ring
9	104-1080	2	Hose ASM
10	100-4876	1	Hose ASM
11	99-3477	1	Fitting-Hydraulic, Tee (Incl. Ref. No.19)
11:1	237-42	2	O-Ring
12	100-4880	2	Hose ASM
13	340-17	5	Ftg-HYD 90
13:1	237-65	1	O-Ring
13:2	237-80	1	O-Ring



Battery Assembly

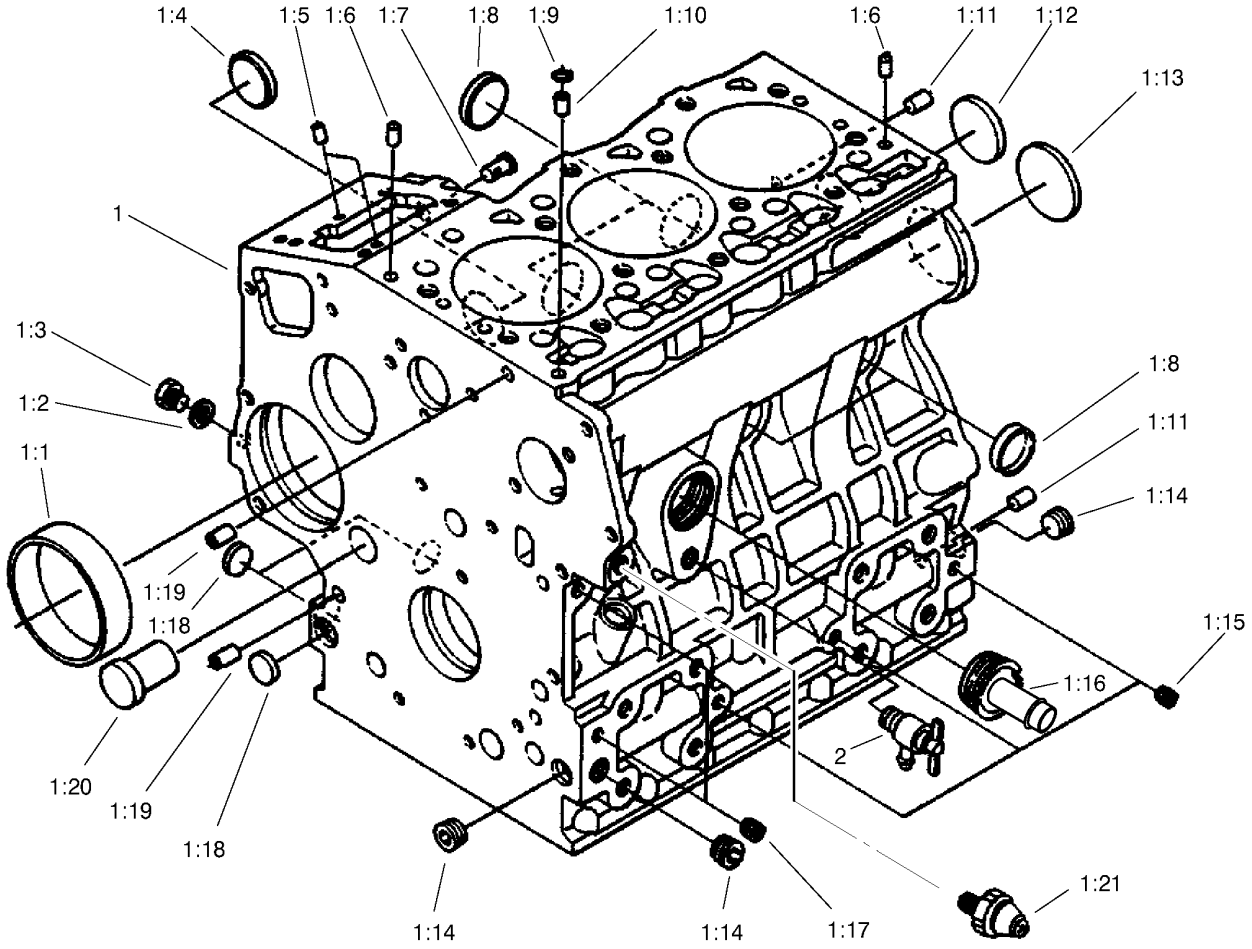
Ref	Part No.	Qty.	Description
2	233-70	2	Knob
3	32128-43	3	Nut-Flange
4	3230-6	1	Screw-CARR
5	3234-1	3	Screw-HHF
6	3256-23	1	Washer-Flat
8	3296-29	1	Nut-Lock, NI
9	66-2490	1	Retainer-Battery
11	32144-15	1	Screw
13	95-8796-03	1	Support-Battery
14	99-3602	1	Cover-Battery (Incl. Ref. No.22)
14:2	93-7276	1	Decal-Danger
14:3	87-7620	1	Shield-Battery Cover
14:4	3269-27	4	Rivet-Plastic
16	95-8853	1	Cable-Battery, Positive
17	95-8854	1	Cable-Battery, Negative
19	32148-6	2	Insert-Threaded
20	99-3513	1	Tray-Battery



Parking Brake Assembly

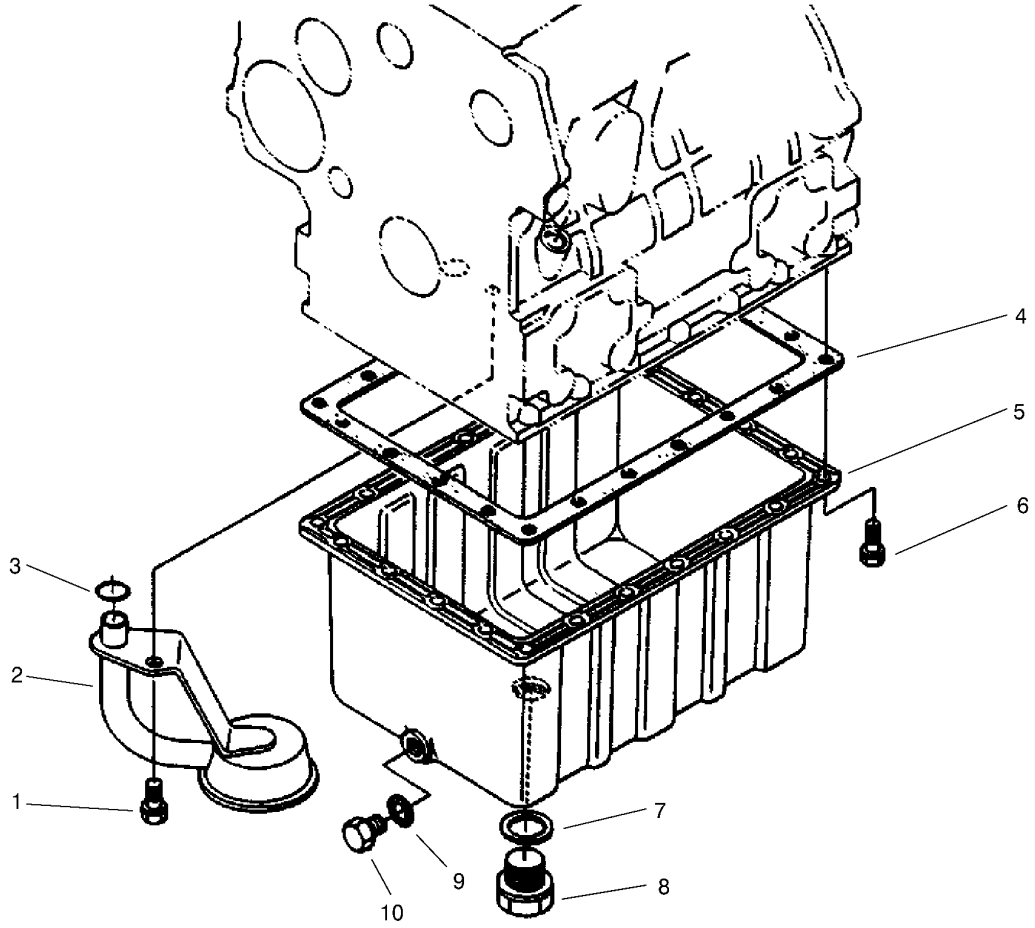
Ref	Part No.	Qty.	Description
1	3269-5	4	Rivet-Pop
2	95-8707	1	Cover-Control Panel
3	95-8763	2	Bracket-Cover
4	32128-43	2	Nut-Flange
5	3234-1	2	Screw-HHF
6	95-8764-03	1	Support-Magnet
7	32144-10	4	Screw
8	95-8765	2	Bracket-Strike
9	58-4250	2	Magnet
10	3256-23	1	Washer-Flat
11	3296-42	1	Nut-Lock
12	3272-10	1	Pin-Cotter
13	95-8684	1	Pad-Bumper
14	3289-4	2	Screw-HSFH
15	104-4628-03	2	Link-Brake, Parking
16	283-62	1	Pin-Clevis (Only On: 72042, 72062)
17	94-3829	1	Pin-Clevis
18	104-4817	1	Lever-Brake
19	87-4710	1	Spacer-Parking Brake
20	32105-9	2	Screw-Pan HD.
21	95-8900	1	Switch
23	3256-21	4	Washer-Flat
24	3296-9	2	Nut

Ref	Part No.	Qty.	Description
25	321-10	1	Bolt
26	3272-6	1	Pin-Cotter
27	32128-32	2	Nut-Flange



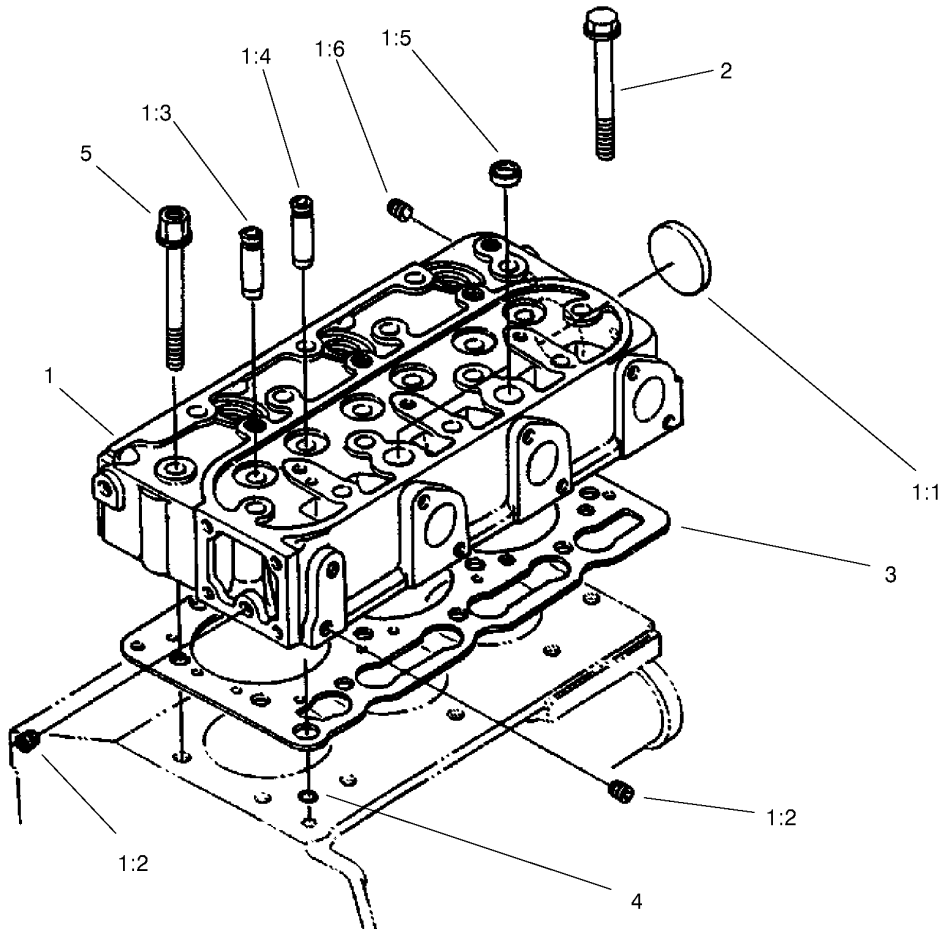
Crankcase Assembly

Ref	Part No.	Qty.	Description
1	99-8300	1	ASM-Crankcase (Incl. Ref. No.1-8, 10-16. 18 And 20-22)
1:1	98-9656	1	Bushing-Governor, Gear
1:2	98-7428	1	Gasket
1:3	98-7507	1	Plug
1:4	98-9599	1	Plug
1:5	98-9375	2	Pin-Straight
1:6	98-9376	2	Pin-Straight
1:7	98-9630	1	Pin-Spring, Start
1:8	98-9398	4	Cap-Sealing
1:9	98-7509	1	O-Ring
1:10	98-9539	1	Pin-Pipe
1:11	98-9377	2	Pin-Straight
1:12	98-7539	1	Cap-Sealing
1:13	98-9668	1	Plug
1:14	98-9597	3	Plug
1:15	98-7540	3	Cap-Sealing
1:16	99-8347	1	Joint-Drain, Pipe
1:17	98-7487	2	Plug
1:18	98-9379	3	Plug
1:19	98-9387	2	Pin-Pipe
1:20	98-9675	1	Plug
1:21	98-9416	1	Switch
2	98-9436	1	Drain Cock ASM



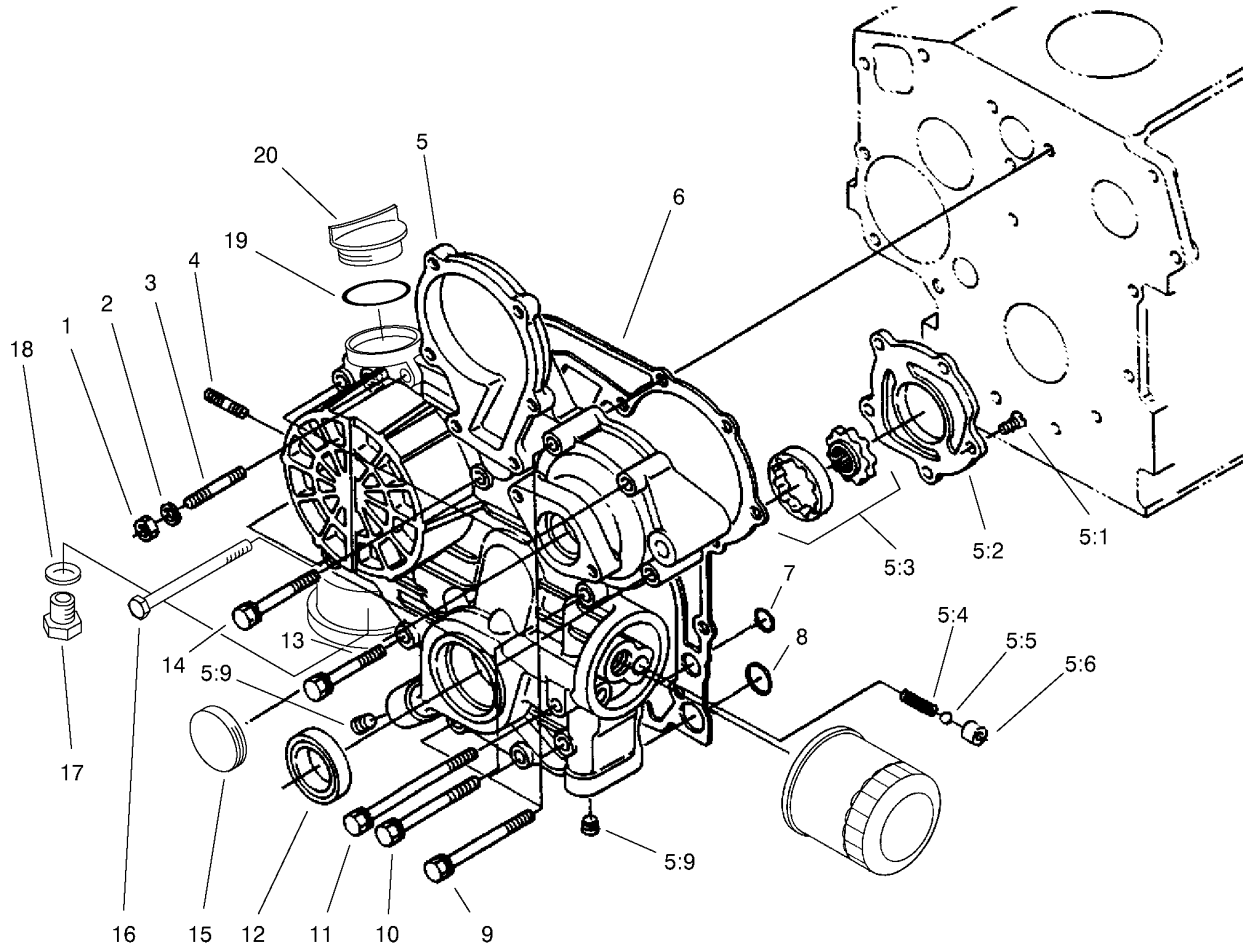
Oil Pan Assembly

Ref	Part No.	Qty.	Description
1	98-9358	1	Bolt
2	98-9538	1	Filter-Oil
3	98-7527	1	O Ring
4	98-9646	1	Gasket-Pan, Oil
5	98-9685	1	Pan-Oil
6	98-9350	22	Bolt
7	98-9399	1	Gasket
8	98-7523	1	Plug-Drain
9	98-7524	1	Gasket
10	98-9386	1	Plug



Cylinder Head Assembly

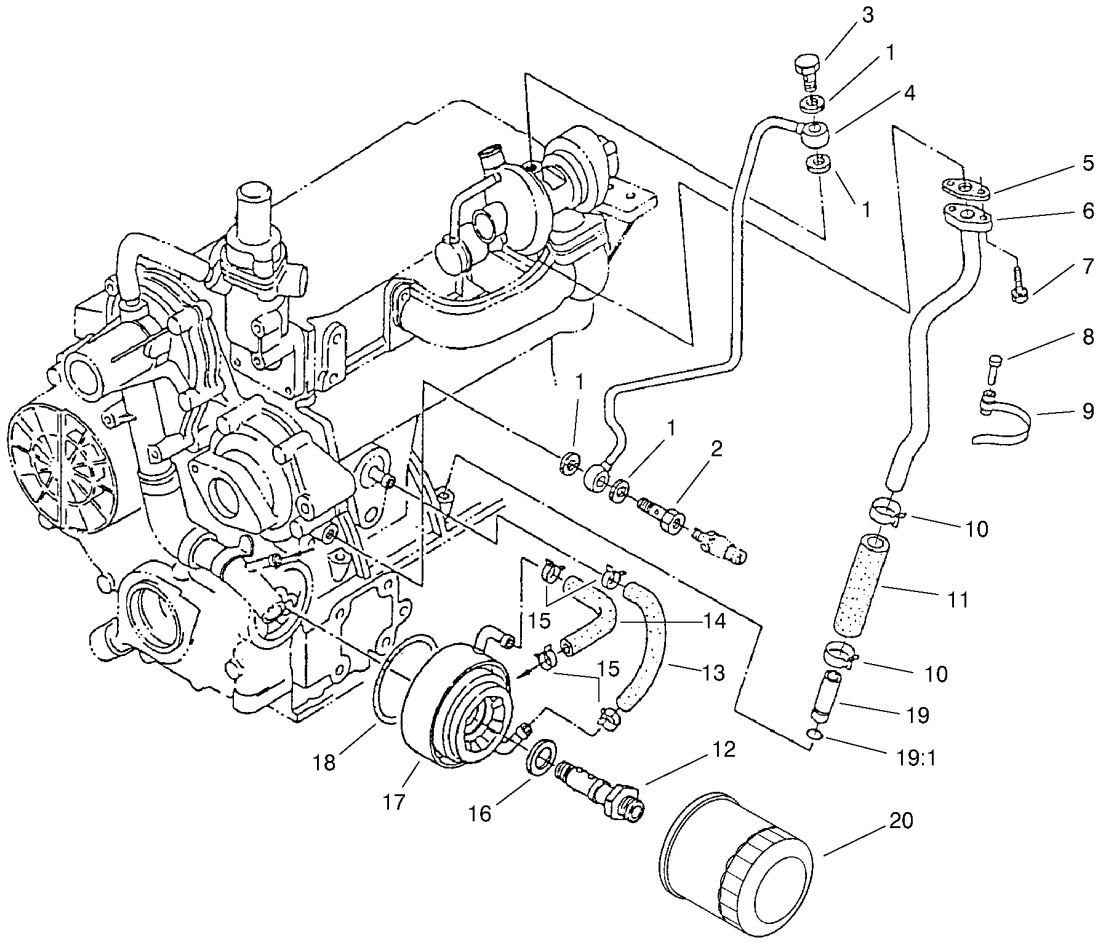
Ref	Part No.	Qty.	Description
1	99-8344	1	ASM-Cylinder Head (Incl. Ref. No.5-7, 9 And11)
1:1	98-9395	1	Cap-Sealing
1:2	98-7540	2	Cap-Sealing
1:3	98-9499	3	Guide-Valve, Inlet
1:4	98-9500	3	Guide-Valve, Exhaust
1:5	98-9389	2	Cap-Sealing
1:6	98-9444	1	Plug
2	98-9479	12	Bolt-Head, Cylinder
3	98-9613	1	Gasket-Head, Cylinder
4	98-7509	1	O-Ring
5	98-9647	2	Bolt-Head, Cylinder



Grease and Oil Filter Assembly

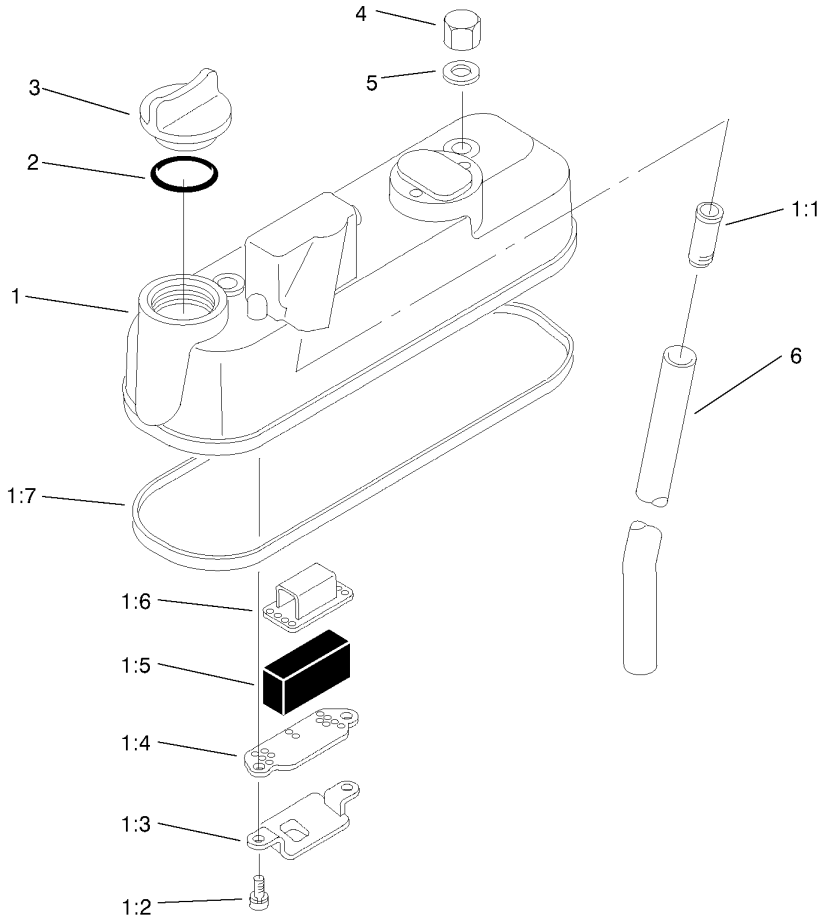
Ref	Part No.	Qty.	Description
1	98-7572	1	Nut
2	98-9367	1	Washer-Spring
3	98-9363	1	Stud
4	98-9362	2	Stud
5	99-3462	1	ASM-Case, Gear (Incl. Ref. No.7-9, 12-14 And 16-18)
5:1	98-9592	5	Screw
5:2	98-9541	1	Cover-Pump, Oil
5:3	98-9540	1	Oil Pump Rotor ASM
5:4	98-9544	1	Spring
5:5	98-9380	1	Ball
5:6	98-9543	1	Seal-Valve
5:9	98-9598	2	Plug
6	98-9633	1	Gasket-Case, Gear
7	98-9372	2	O-Ring
8	98-7547	2	O-Ring
9	98-9356	2	Bolt
10	98-9355	6	Bolt
11	99-3510	2	Bolt
12	98-9482	1	Seal-Oil
13	98-9437	1	Bolt
14	98-7496	3	Bolt
15	99-3515	1	Plug-Gear Case
16	99-3511	1	Bolt

Ref	Part No.	Qty.	Description
17	99-3450	2	Plug
18	99-3451	1	Packing-Plug
19	98-7430	1	O Ring
20	98-9449	1	Plug-Filler, Oil



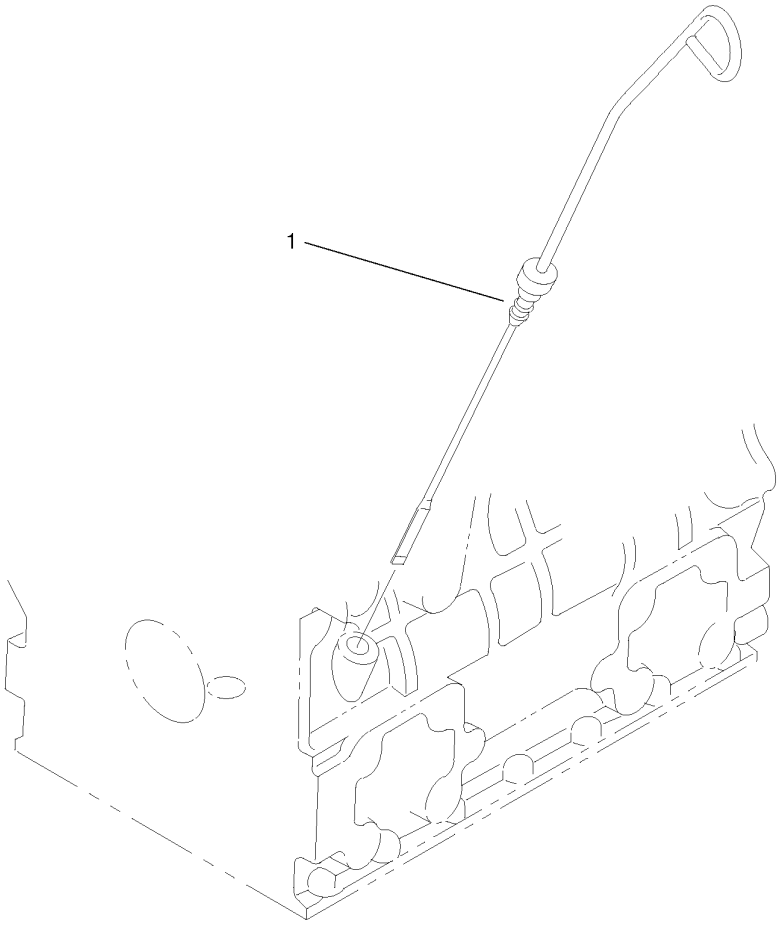
Filter, Oil Cooler, and Pipe Assembly

Ref	Part No.	Qty.	Description
1	99-8346	4	Gasket
2	98-9417	1	Bolt-Eye Joint
3	98-9418	1	Bolt-Eye Joint
4	98-9419	1	Bolt
5	98-9435	1	Gasket
6	98-9461	1	Pipe-Oil
7	98-7568	2	Bolt
8	98-9591	1	Pin-Band
9	98-9601	1	Clamp-Pipe
10	98-9714	2	Clamp-Hose
11	98-9721	1	Pipe-Oil
12	98-9723	1	ASM-Holder
13	98-9724	1	Pipe-Cooler, Oil
14	98-9578	1	Pipe-Return, Water
15	98-9579	4	Band-Pipe
16	98-9727	1	Collar
17	98-9728	1	ASM-Cooler, Oil
18	98-9729	1	O-Ring
19	99-8383	1	ASM-Pipe, Oil (Incl. Ref. No.21)
19:1	98-9722	1	O-Ring
20	99-8384	1	Oil Cartridge ASM



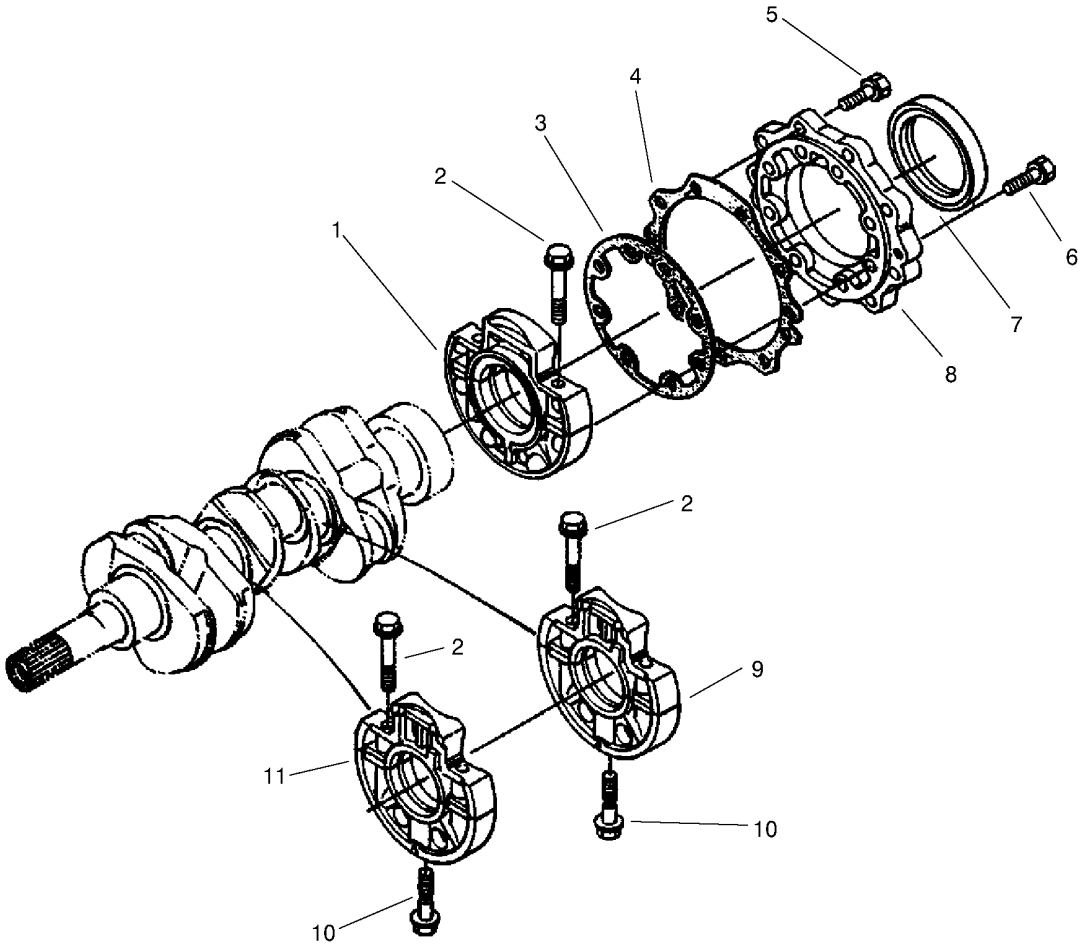
Head Cover Assembly

Ref	Part No.	Qty.	Description
1	98-9614	1	Cylinder Head Cover ASM
1:1	98-9492	1	Joint-Pipe, Breather
1:2	98-9364	2	Screw With Washer
1:3	98-9490	1	Breater-Shiled, Oil
1:4	98-9488	1	Plate-Element, Breather
1:5	98-9493	1	Element-Breather
1:6	98-9489	1	Plate-Element, Breather
1:7	98-9615	1	Gasket-Cover, Head
2	98-7430	1	O Ring
3	98-9449	1	Plug-Filler, Oil
4	98-9455	3	Nut-Cap
5	98-9454	3	Gasket
6	98-9491	1	Pipe-Breather



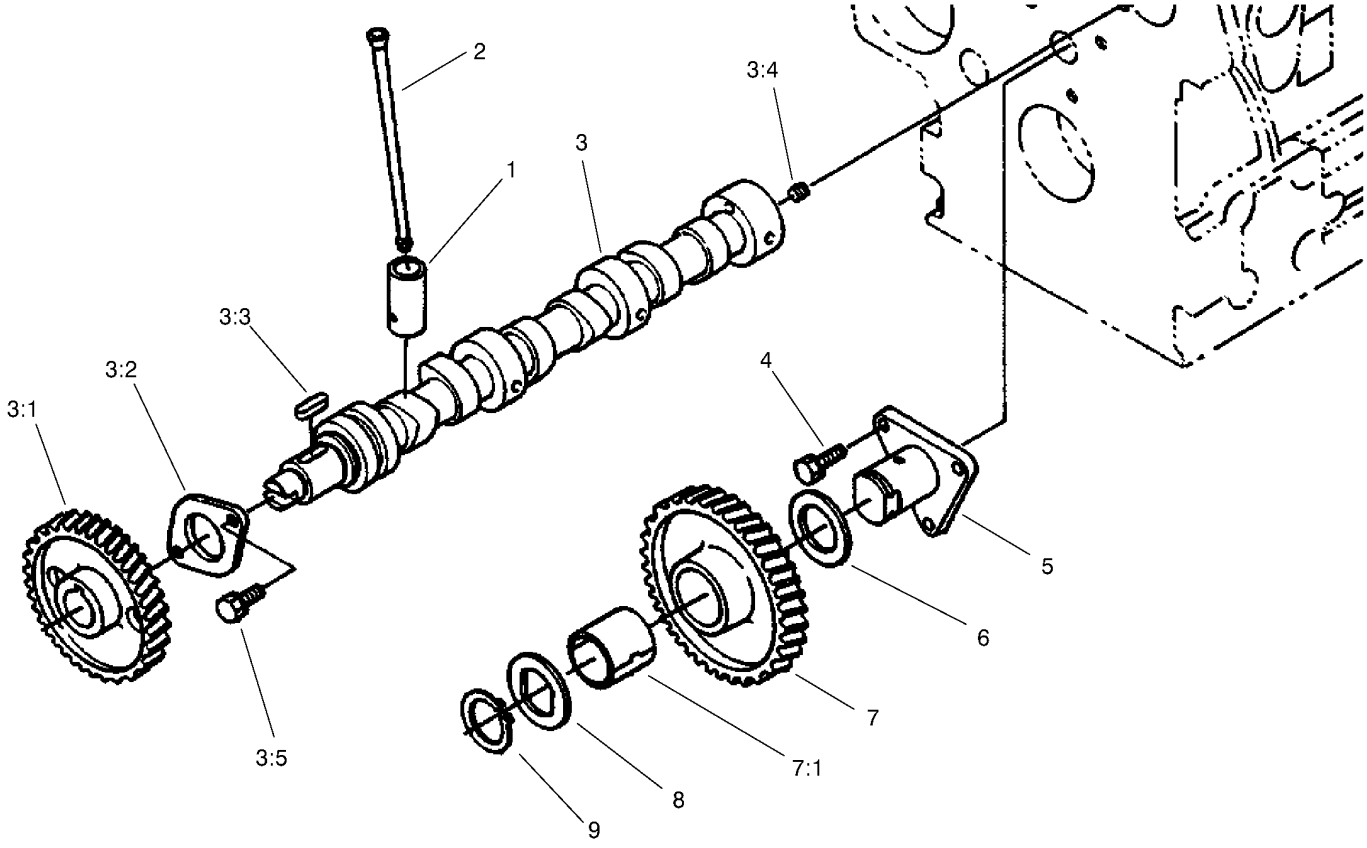
Dipstick Assembly

Ref	Part No.	Qty.	Description
1	104-4801	1	Dipstick



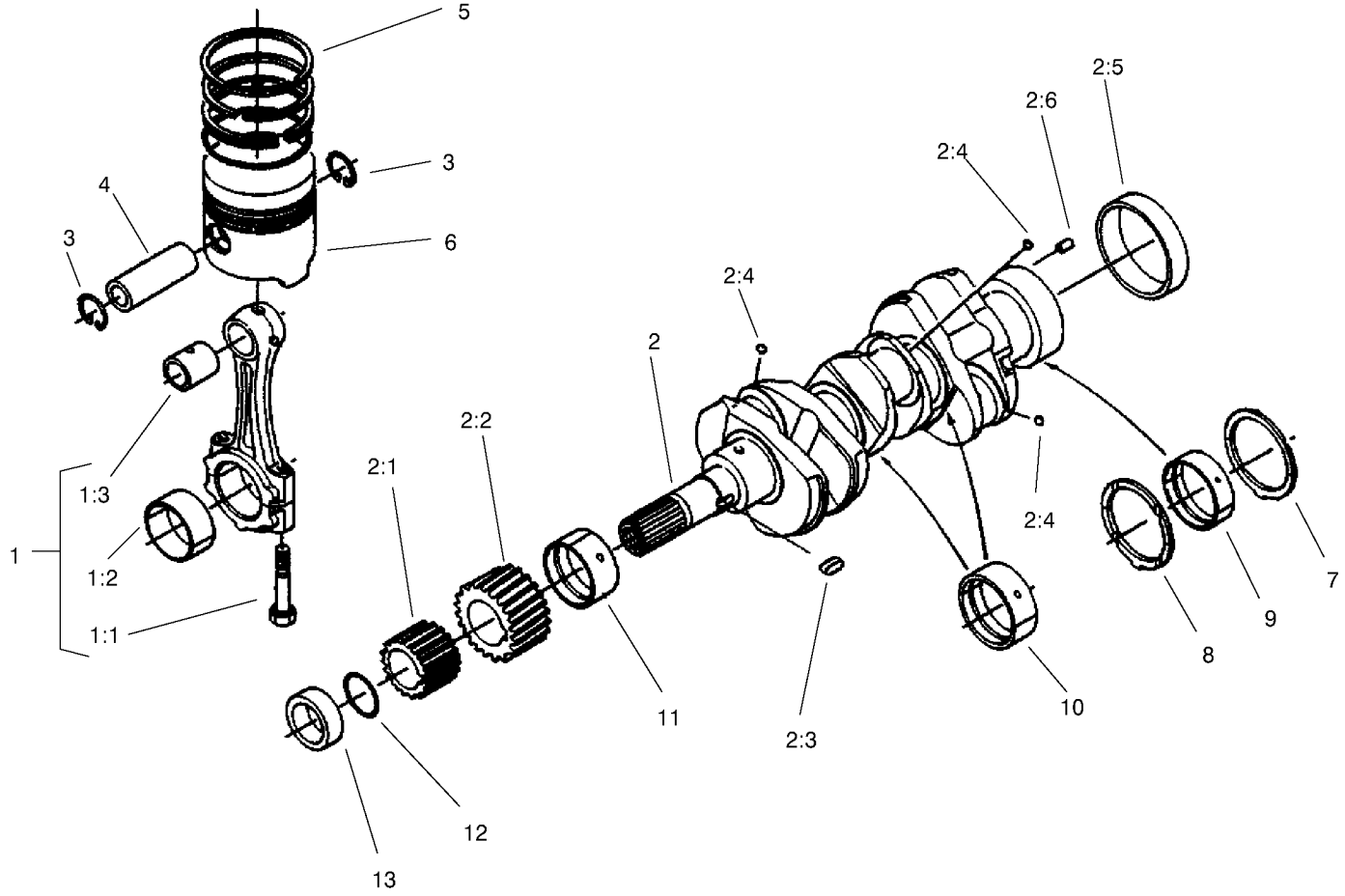
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description
1	98-9480	1	ASM-Case, Main Bearing
2	98-9484	6	Bolt-Case, Bearing
3	98-9634	1	Gasket-Case, Bearing
4	98-9635	1	Gasket-Cover, Bearing Case
5	98-7568	9	Bolt
6	98-9352	8	Bolt
7	98-9483	1	Seal-Oil
8	98-9487	1	Cover-Case, Bearing
9	99-8360	1	ASM-Case, Main Bearing
10	98-9485	2	Bolt-Case, Bearing
11	99-8361	1	ASM-Case, Main Bearing



Camshaft Assembly

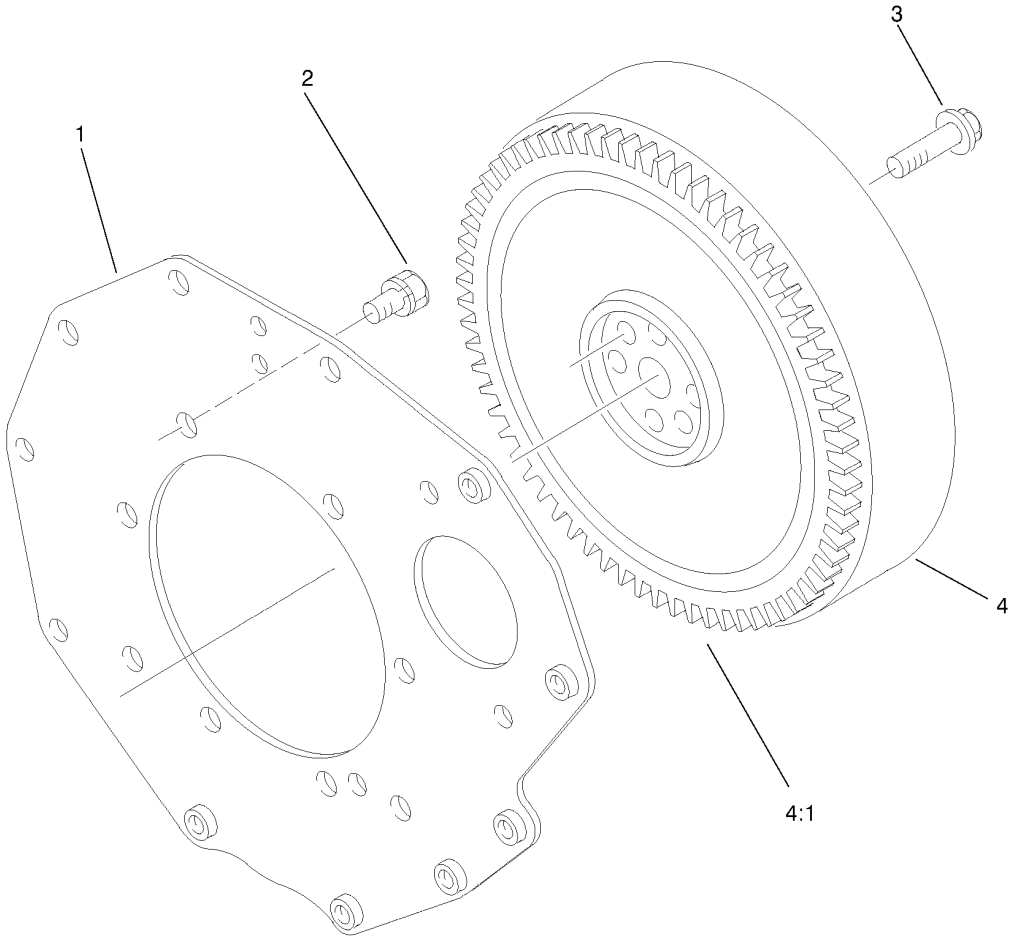
Ref	Part No.	Qty.	Description
1	98-9616	6	Tappet
2	98-9509	6	Rod-Push
3	99-8362	1	ASM-Camshaft (Incl. Ref. No.1-3, 6 And 15)
3:1	98-9512	1	Gear-Cam
3:2	98-9510	1	Stopper-Camshaft
3:3	98-9378	1	Key-Feather
3:4	98-7449	1	Screw-Set
3:5	98-9351	2	Bolt
4	98-7692	3	Bolt
5	98-9533	1	Shaft-Gear, Idle
6	98-9535	1	Collar-Gear, Idle
7	98-9649	1	Idler Gear ASM
7:1	98-9650	1	Bushing-Gear, Idle
8	98-9536	1	Collar-Gear, Idle
9	98-9534	1	Clip-Circular, Idle Gear



Piston and Crankshaft Assembly

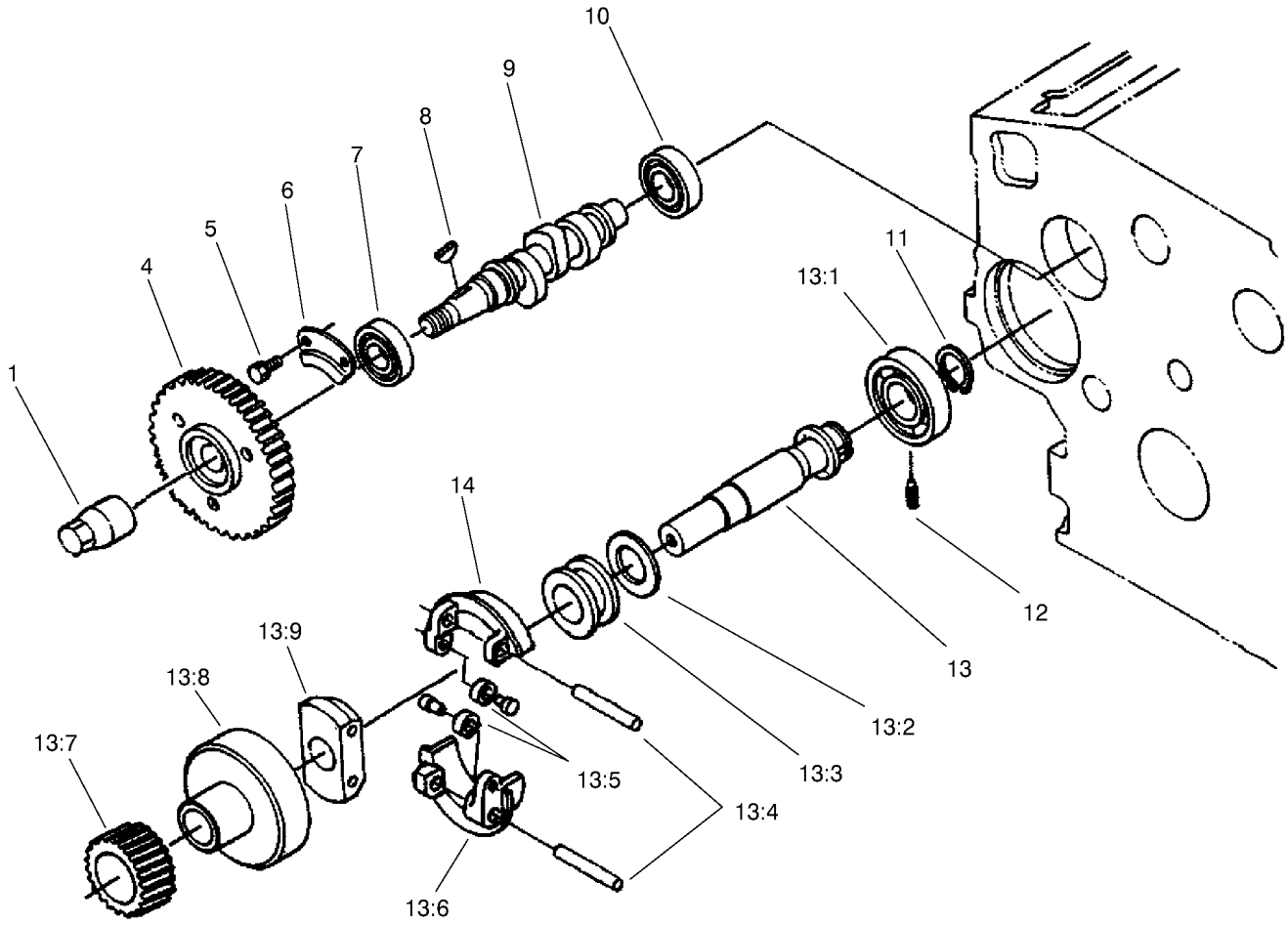
Ref	Part No.	Qty.	Description
1	98-9552	3	ASM-Rod, Connecting (Incl. Ref. No.1-3)
1:1	98-9517	6	Bolt-Rod, Connecting
1:2	98-9519	3	Metai-Crankpin (0.2Mm Undersize)
1:2	98-9520	3	Metai-Crankpin (0.4Mm Undersize)
1:2	98-9553	3	Metal-Crankpin (STD.)
1:3	98-9515	3	Bushing-Pin, Piston
2	98-9642	1	Crankshaft ASM
2:1	98-9542	1	Gear-Drive, Oil Pump
2:2	98-9532	1	Gear-Crankshaft
2:3	98-9666	1	Key
2:4	98-7473	3	Ball
2:5	98-9522	1	Sleeve-Crankshaft
2:6	98-9375	1	Pin-Straight
3	98-9514	6	Clip-Circular, Piston Pin
4	98-9513	3	Pin-Piston
5	98-9619	3	Piston Ring ASM (0.5Mm Oversize)
5	98-9551	3	ASM-Piston Ring (STD.)
6	98-9550	3	Piston (STD.)
6	98-9470	3	Piston (0.5Mm Oversize)
7	98-9413	2	Metal-Side (STD.)
7	98-9414	2	Metal-Side (0.2Mm Oversize)

Ref	Part No.	Qty.	Description
7	98-9415	2	Metal-Side (0.4Mm Oversize)
8	98-9688	2	Metal-Side (STD.)
8	98-9689	2	Metal-Side (0.2Mm Oversize)
8	98-9690	2	Metal-Side (0.4Mm Oversize)
9	98-9526	1	Metal-Crankshaft (0.2Mm Undersize)
9	98-9527	1	Metal-Crankshaft (0.4Mm Undersize)
9	98-9556	1	Metal-Crankshaft (STD)
10	98-9530	2	Metal-Crankshaft (0.2Mm Undersize Set)
10	98-9531	2	Metal-Crankshaft (0.4Mm Undersize Set)
10	98-9555	2	Metal-Crankshaft (STD Set)
11	98-9528	1	Metal-Crankshaft (0.2Mm Undersize)
11	98-9529	1	Metal-Crankshaft (0.4Mm Undersize)
11	98-9554	1	Metal-Crankshaft (STD)
12	98-9373	1	O-Ring
13	98-9521	1	Collar-Crankshaft



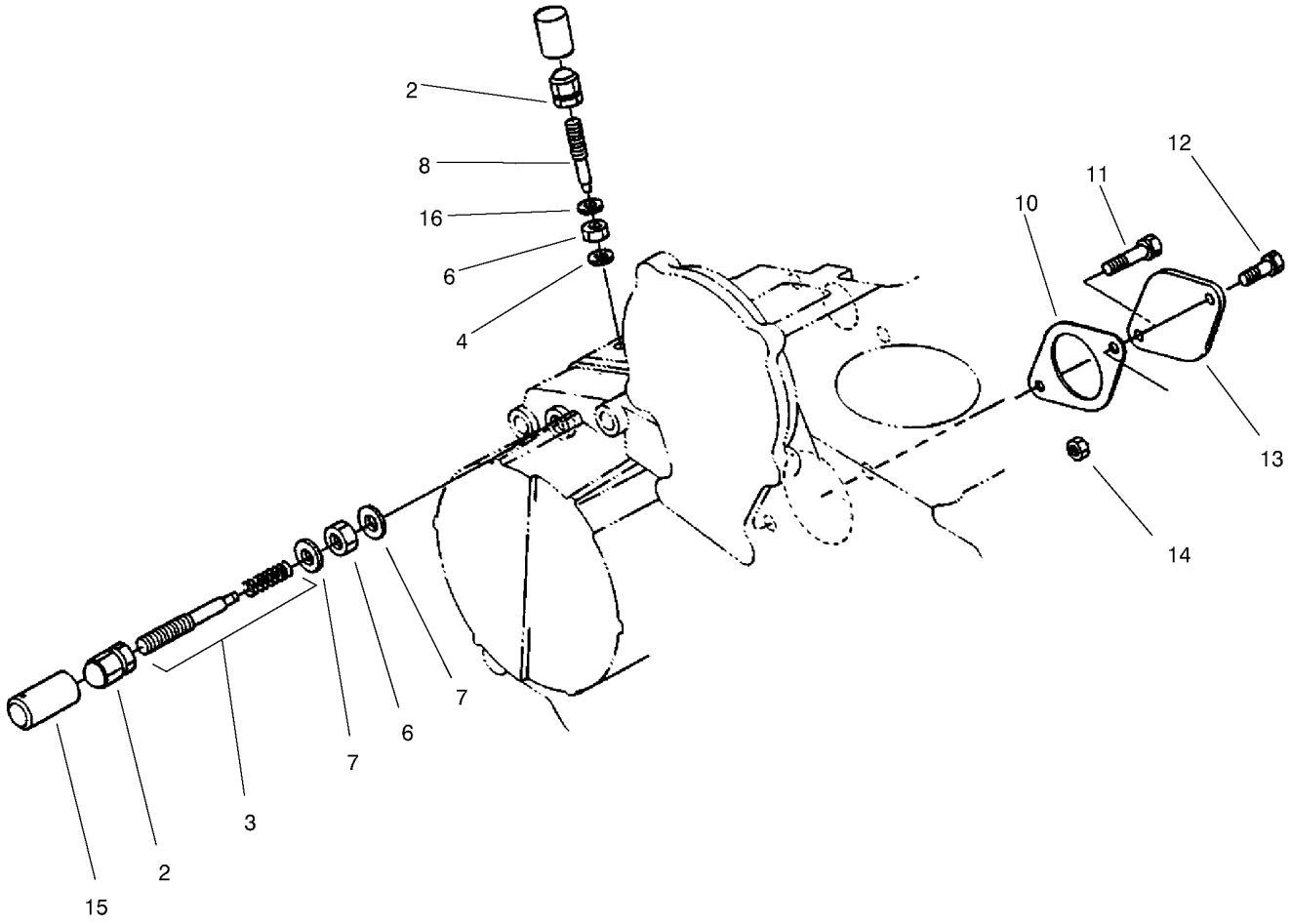
Flywheel Assembly

Ref	Part No.	Qty.	Description
1	98-9486	1	Plate-End, Rear
2	98-9392	8	Bolt
3	98-9537	6	Bolt-Flywheel
4	98-9691	1	Flywheel ASM
4:1	98-9394	1	Gear-Ring



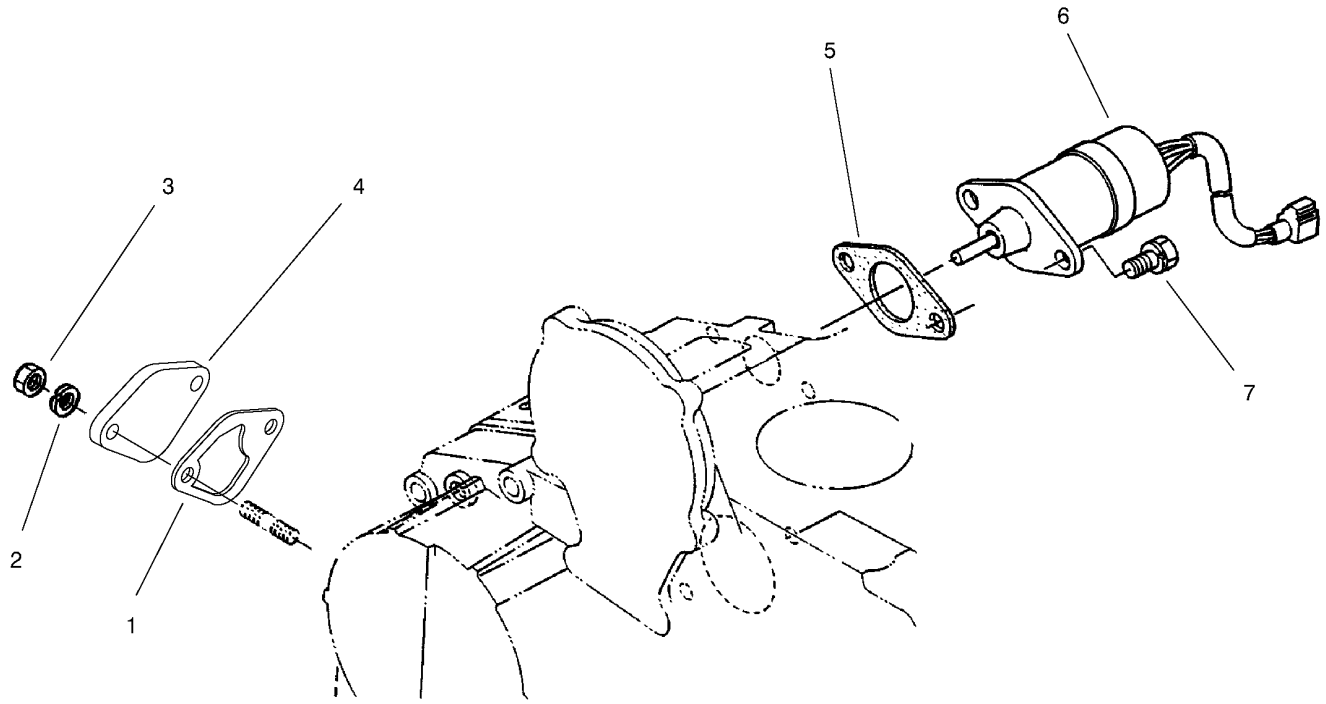
Fuel Camshaft Assembly

Ref	Part No.	Qty.	Description
1	98-9590	1	Nut-Cap
4	98-9669	1	Gear-Pump, Injection
5	98-9350	2	Bolt
6	98-9511	1	Stopper-Fuel, Camshaft
7	98-9383	1	Bearing-Ball
8	98-9595	1	Key-Woodruff
9	98-9459	1	Camshaft-Fuel
10	98-9382	1	Bearing-Ball
11	98-9657	1	Clip-Circular, Gov. Shaft
12	98-9565	1	Screw-Set
13	98-9644	1	Governor Shaft ASM
13:1	98-9381	1	Bearing-Ball
13:2	98-9564	1	Washer-Thrust
13:3	98-9563	1	Sleeve-Governor
13:4	98-9560	2	Shaft-Weight, Governor
13:5	98-9692	2	Roller
13:6	98-9559	2	Governor Weight ASM
13:7	98-9673	1	Gear-Governor
13:8	98-9562	1	Holder-Gear, Governor
13:9	98-9561	1	Holder-Gear, Governor
14	98-9559	2	Governor Weight ASM



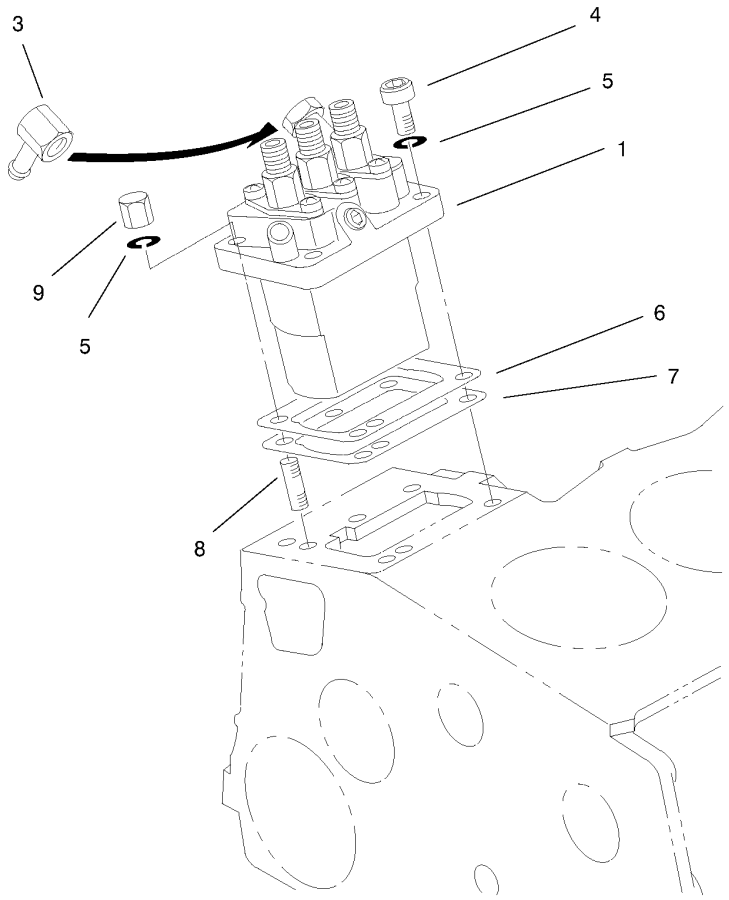
Engine Stop Lever Assembly

Ref	Part No.	Qty.	Description
2	98-9441	2	Nut-Cap
3	104-4802	1	Adjusting Bolt ASM
4	99-8389	1	Gasket, 14Mm Dia.
6	98-9439	2	Nut
7	98-7654	1	Gasket
8	98-9557	1	Bolt-Adjusting
10	98-9674	1	Packing
11	98-7645	1	Bolt
12	98-9359	1	Bolt
13	98-9640	1	Cover-Pump
14	98-7534	1	Nut
15	98-9558	1	Cap
16	99-8388	1	Gasket, 10Mm Dia



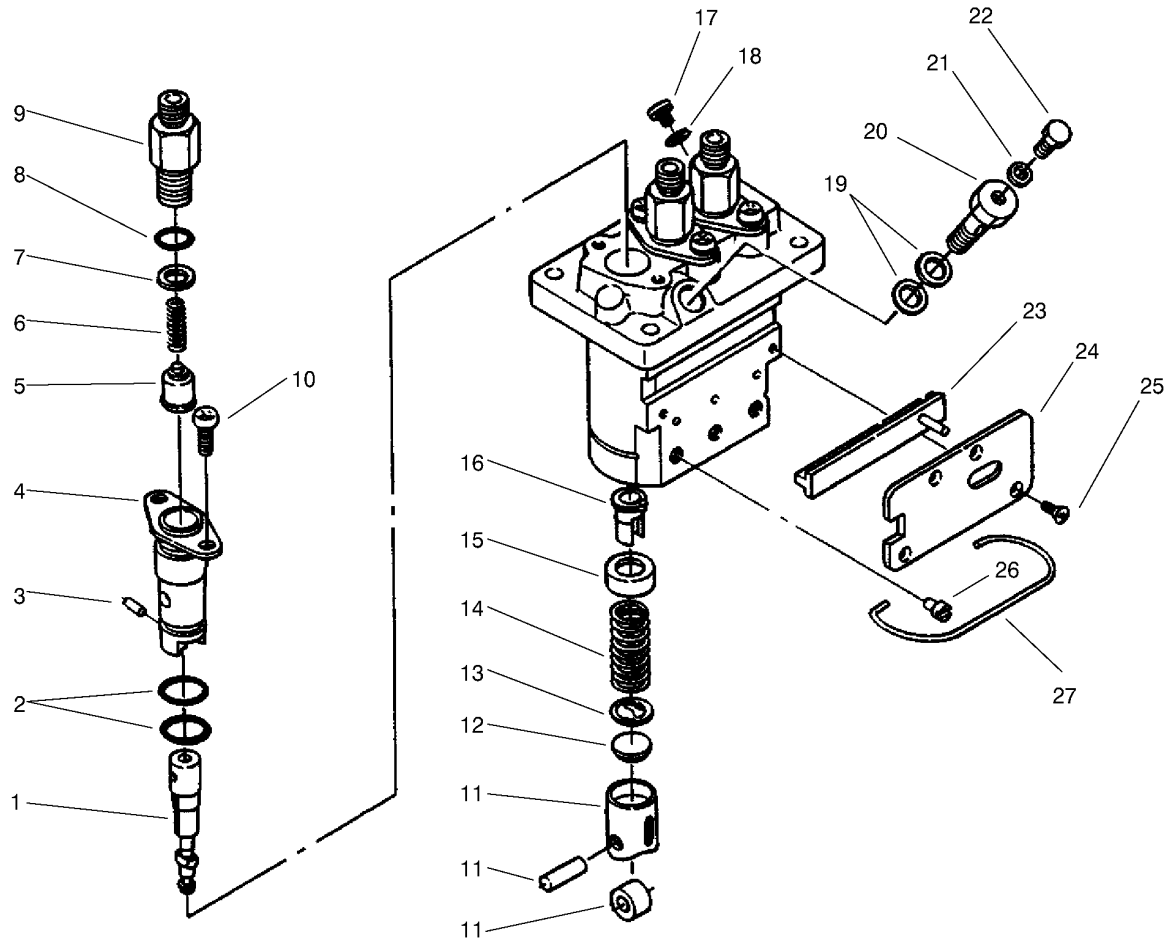
Stop Solenoid and Fuel Pump Assembly

Ref	Part No.	Qty.	Description
1	98-9636	1	Gasket-Pump, Fuel
2	98-9367	2	Washer-Spring
3	98-7572	2	Nut
4	99-3514	1	Cover
5	98-9683	1	Gasket-Cover, Solenoid
6	98-9693	1	Solenoid-Stop
7	98-9351	2	Bolt



Injection Pump Installation Assembly

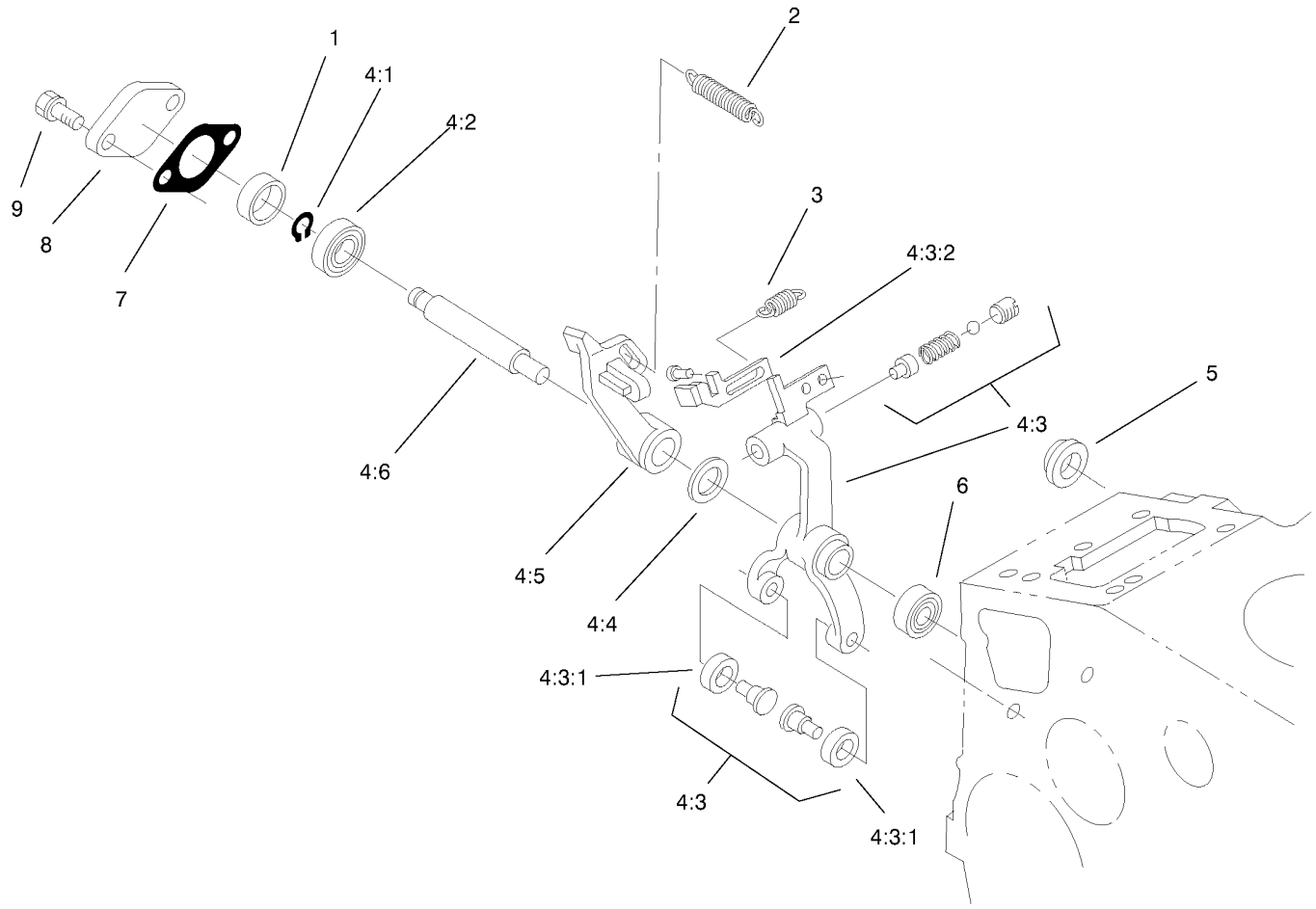
Ref	Part No.	Qty.	Description
1	98-9643	1	Injection Pump ASM
3	98-9596	1	Joint-Eye
4	98-9361	2	Bolt-HSH
5	98-9367	4	Washer-Spring
6	98-9457	1	Shim-Injection (0.25Mm)
6	98-9456	1	Shim
7	98-9458	1	Shim-Injection (0.30Mm)
8	98-9438	2	Stud
9	98-9440	2	Nut,-Cap



Injection Pump Assembly No. 98-9643

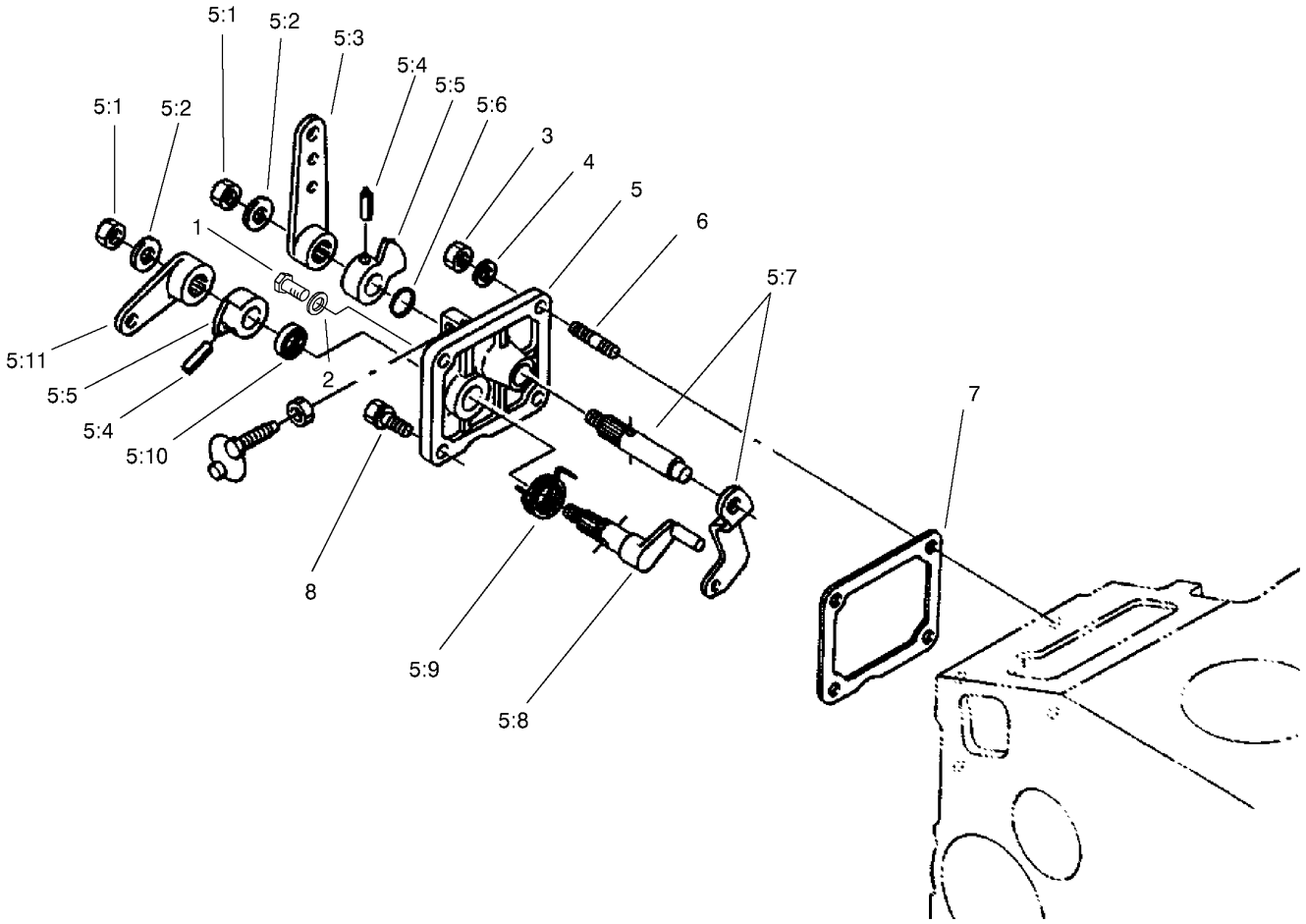
Ref	Part No.	Qty.	Description
1	98-9462	3	Element-Pump
2	98-9423	6	O-Ring
3	98-9443	3	Pin-Joint
4	98-9434	3	Flange-Sleeve
5	98-9421	3	Valve-Delivery
6	98-9424	3	Spring-Valve, Delev.
7	98-9425	3	Gasket-Valve, Deliv.
8	98-9447	3	O-Ring
9	98-9652	3	Holder-Valve, Delivery
10	98-9452	6	Screw
11	98-9422	3	Tappet ASM
12	98-9433	3	Shim
13	98-9429	3	Seat-Spring, Lower
14	98-9428	3	Spring-Plunger
15	98-9427	3	Seat-Spring, Upper
16	98-9432	3	Sleeve-Control
17	98-9466	1	Plug
18	98-9451	1	Gasket
19	98-9445	1	Gasket
20	98-9464	1	Bolt-Joint
21	98-9446	1	Gasket
22	98-9430	1	Screw
23	98-9463	1	Rack-Control
24	98-9465	1	Plate

Ref	Part No.	Qty.	Description
25	98-9442	4	Screw-Head, Csk
26	98-9426	3	Pin-Guide, Tappet
27	98-9450	1	Pin-Clamp



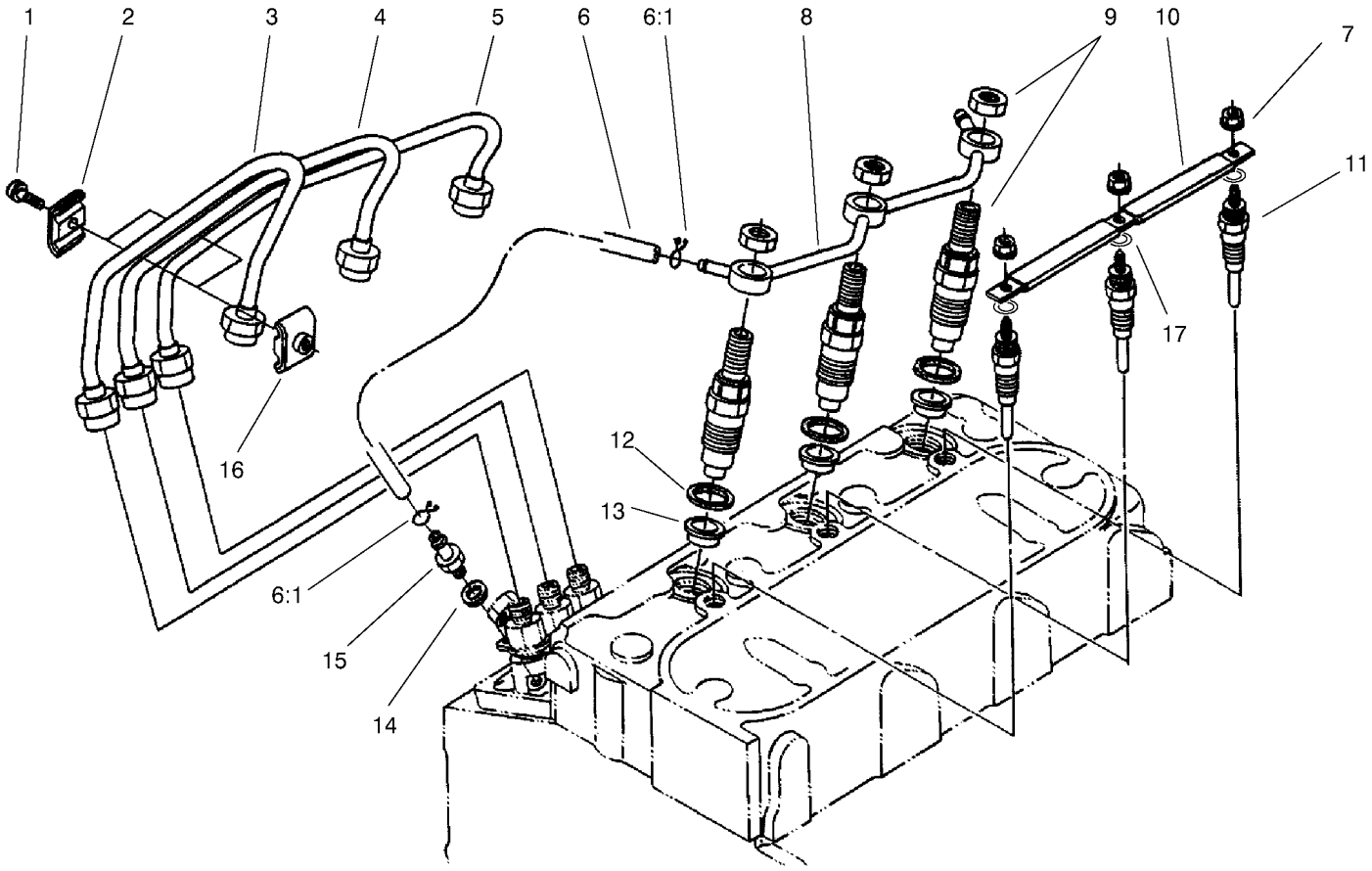
Governor Assembly

Ref	Part No.	Qty.	Description
1	98-9567	1	Collar
2	98-9681	1	Spring-Governor
3	98-9645	1	Spring-Start
4	98-9680	1	Fork Lever ASM
4:1	98-9369	1	Clip-Circular, External
4:2	98-9570	1	Bearing-Miniature
4:3	99-8380	1	Complete Lever And Fork
4:3:1	98-9692	2	Roller
4:3:2	98-9660	1	Lever-Thrust
4:4	98-9593	1	Washer-Flat
4:5	98-9659	1	Lever-Fork
4:6	98-9566	1	Shaft-Lever, Fork
5	98-9568	1	Collar
6	98-9571	1	Bearing-Miniature
7	98-9682	1	Gasket
8	98-9569	1	Cover-Shaft, Fork Lever
9	98-9351	2	Bolt



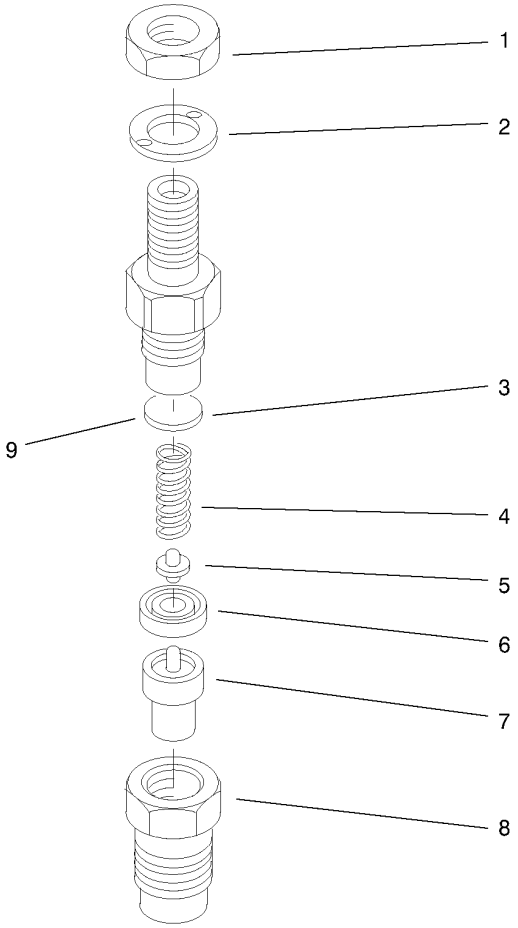
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description
1	99-8348	1	Bolt
2	98-7654	1	Gasket
3	98-7572	2	Nut
4	98-9367	2	Washer-Spring
5	98-9661	1	Control Plate ASM
5:1	98-9589	2	Nut
5:2	98-9594	2	Washer-Flat
5:3	98-9662	1	Lever-Control, Speed
5:4	98-7602	2	Pin-Spring
5:5	98-9572	2	Lever-Control, Speed
5:6	98-9371	1	O Ring
5:7	98-9658	1	Governor Lever ASM
5:8	98-9664	1	Shaft-Lever, Stop
5:9	98-9472	1	Spring-Return
5:10	98-7601	1	Seal-Oil
5:11	98-9663	1	Lever-Stop, Engine
6	98-9362	2	Stud
7	98-9637	1	Gasket
8	98-7692	1	Bolt



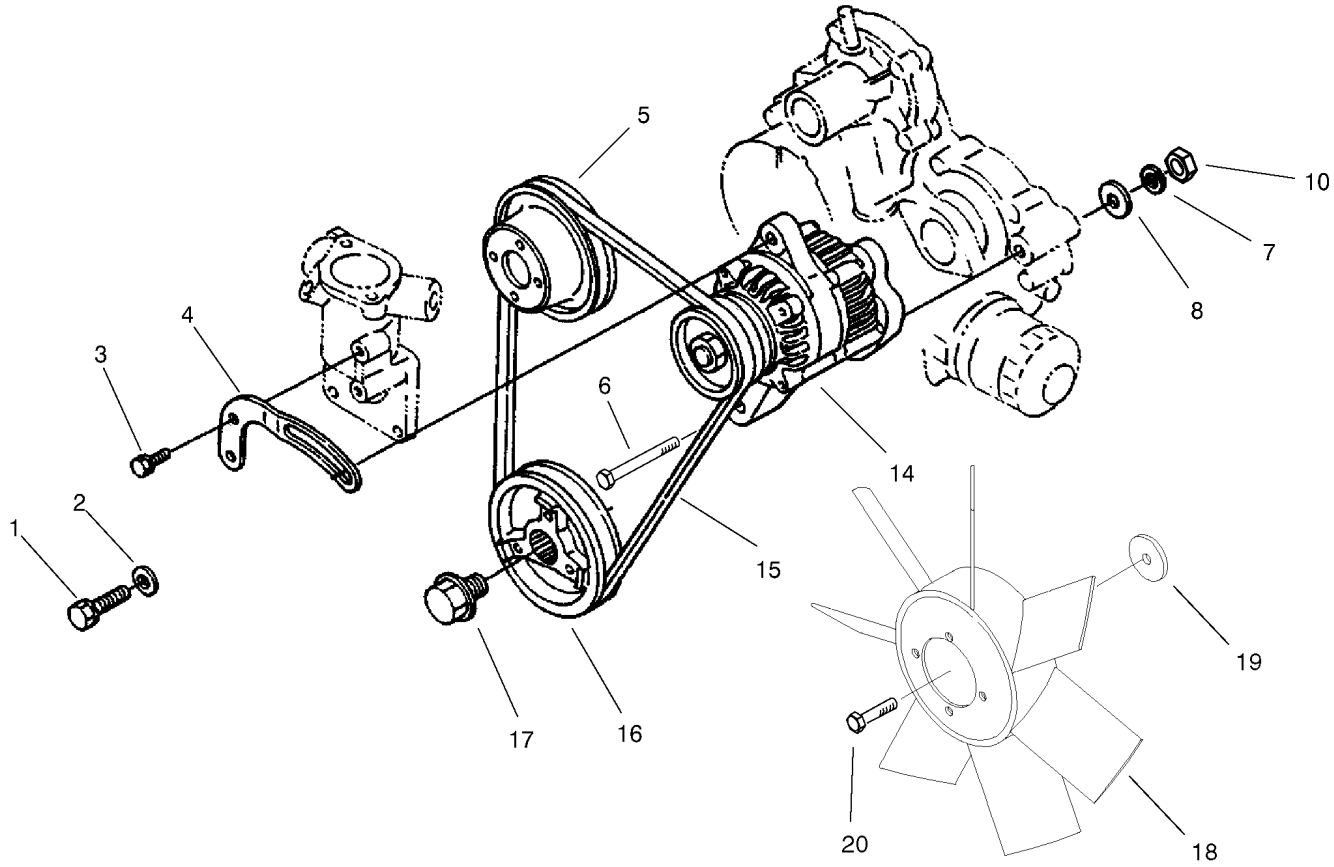
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	Qty.	Description
1	98-7684	2	Screw,W/Washer
2	98-7683	2	Clamp-Pipe
3	98-9622	1	Pipe-Injection
4	98-9654	1	Pipe-Injection
5	98-9655	1	Pipe-Injection
6	98-9624	1	ASM-Pipe, Overflow (Incl. Ref. No.7)
6:1	98-7671	2	Clip-Pipe
7	99-8377	3	Nut-Flange
8	98-9621	1	ASM-Pipe, Overflow
9	98-9468	3	Nozzle Holder ASM
10	98-9631	1	Cord-Plug, Glow
11	98-9623	3	Plug-Glow
12	98-7676	3	Gasket
13	98-7677	3	Seal
14	98-7654	1	Gasket
15	98-9431	1	Screw-Bleeder, Air
16	98-7682	2	Clamp-Pipe
17	99-8378	3	Washer-Plain



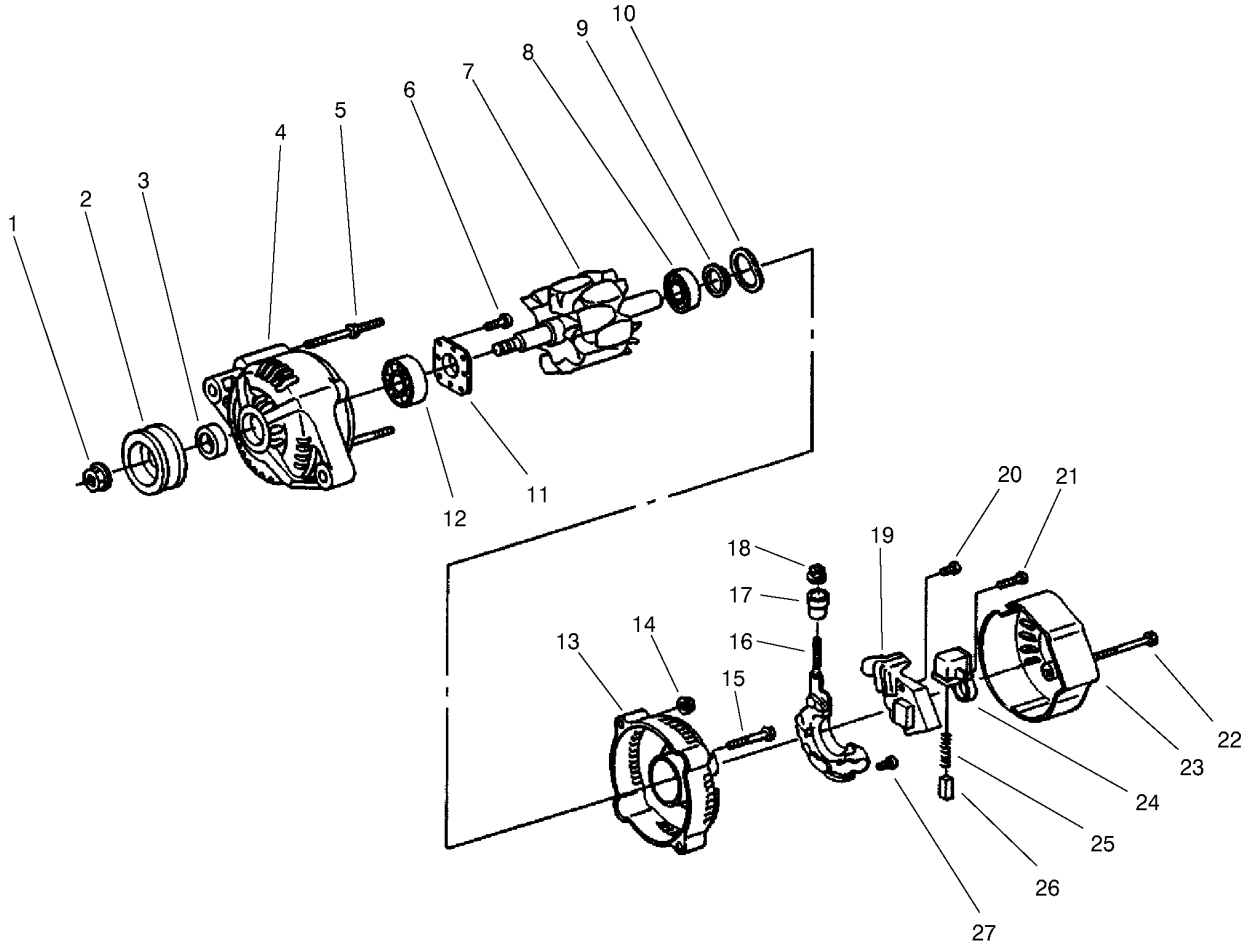
Nozzle Holder Assembly No. 98-9468

Ref	Part No.	Qty.	Description
1	99-8301	3	Nut
2	99-8307	3	Washer
3	99-8302	3	Washer-Adjusting
4	99-8303	3	Spring-Nozzle
5	99-8305	3	Rod-Push
6	99-8304	3	Piece-Distance
7	99-8308	3	Piece-Nozzle
8	99-8306	3	Nut-Nozzle
9	99-8317	3	Washer-Adj. (0.56Mm)
9	99-8318	3	Washer-Adj. (0.58Mm)
9	99-8319	3	Washer-Adj. (0.80Mm)
9	99-8310	3	Washer-Adj. (0.10Mm)
9	99-8309	3	Adjusting Waher ASM
9	99-8316	3	Washer-Adj. (0.54Mm)
9	99-8315	3	Washer-Adj. (0.52Mm)
9	99-8314	3	Washer-Adj. (0.50Mm)
9	99-8313	3	Washer-Adj. (0.40Mm)
9	99-8312	3	Washer-Adj. (0.30Mm)
9	99-8311	3	Washer-Adj. (0.20Mm)



Alternator and Pulley Assembly

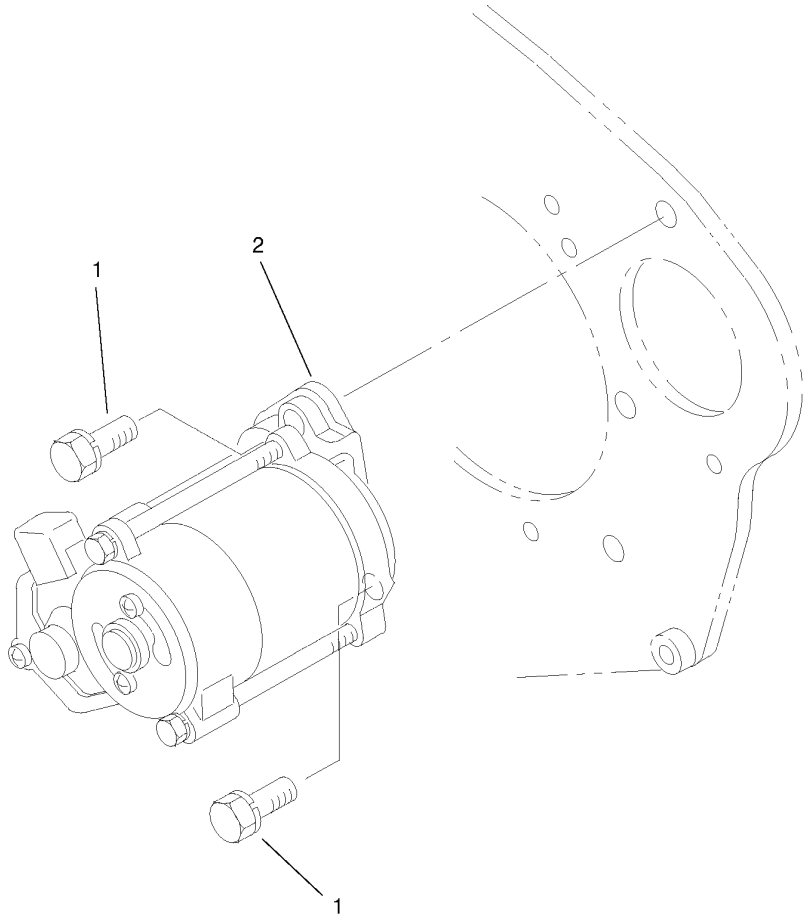
Ref	Part No.	Qty.	Description
1	98-7697	1	Bolt
2	98-7698	1	Washer-Flat
3	98-7692	1	Bolt
4	98-9573	1	Stay-Dynamo
5	98-9584	1	Pulley-Fan
6	98-9360	1	Bolt
7	98-9368	1	Washer-Lock
8	98-9366	1	Washer-Flat
10	98-7737	1	Nut
14	98-9474	1	Alternator ASM
15	98-9676	1	V-Belt
16	99-3456	1	Pulley-Fan Drive
17	98-9585	1	Bolt
18	104-4246	1	Fan
19	104-4247	1	Spacer
20	33103-020	4	Screw-HHF



Alternator Assembly No. 98-9474

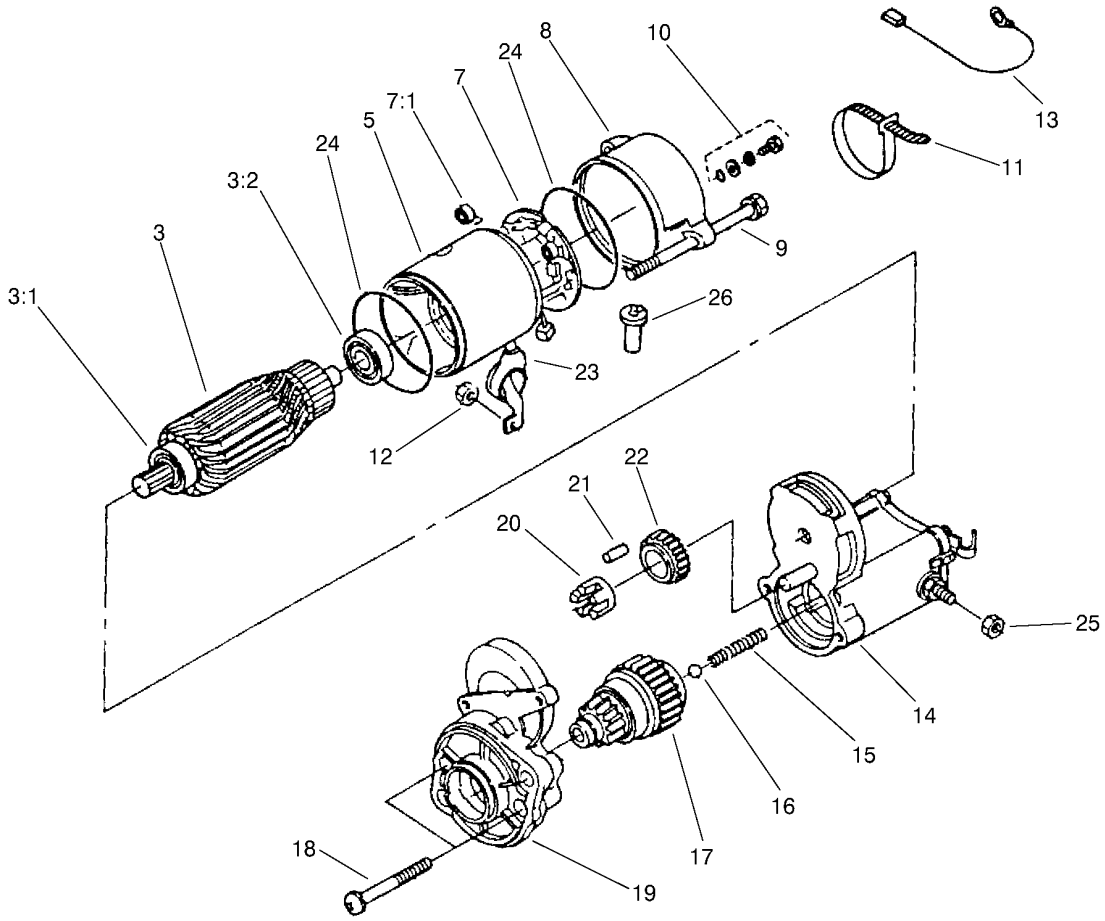
Ref	Part No.	Qty.	Description
1	98-7708	1	Nut
2	98-9453	1	Pulley-Dynamo
3	98-7709	1	Collar
4	98-7714	1	Frame-Drive End
5	98-7717	2	Bolt-Through
6	98-7716	4	Screw-RH
7	98-7710	1	Rotor
8	98-7712	1	Bearing-Ball
9	98-7711	1	Cover-Bearing
10	98-7713	1	Washer-Thrust
11	98-7715	1	Plate-Retainer
12	98-7718	1	Bearing-Ball
13	98-7719	1	Frame-End
14	98-7730	2	Nut
15	98-7731	2	Bolt
16	98-7721	1	Rectifier ASM
17	98-7722	1	Bushing-Insulation
18	98-7732	1	Nut
19	98-7733	1	Regulator ASM
20	98-7726	2	Screw-RH
21	98-7728	1	Screw-RH
22	98-7729	3	Bolt
23	98-7720	1	Cover-End
24	98-7723	1	Holder-Brush

Ref	Part No.	Qty.	Description
25	98-7725	2	Spring-Brush
26	98-7724	2	Brush
27	98-7727	6	Screw-RH



Starter Mount Assembly

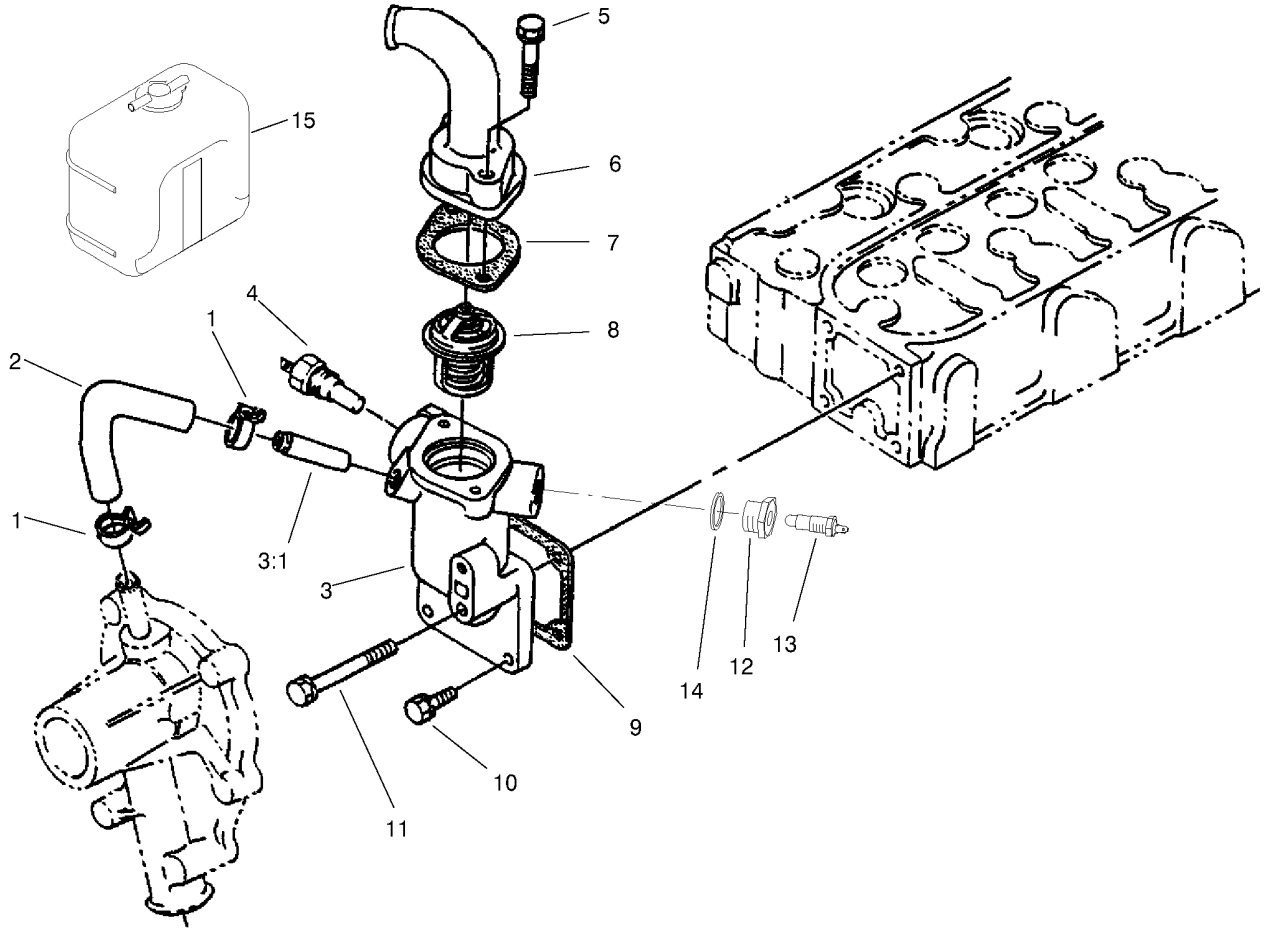
Ref	Part No.	Qty.	Description
1	98-7697	2	Bolt
2	98-9705	1	Starter ASM



Starter Assembly No. 98-9705

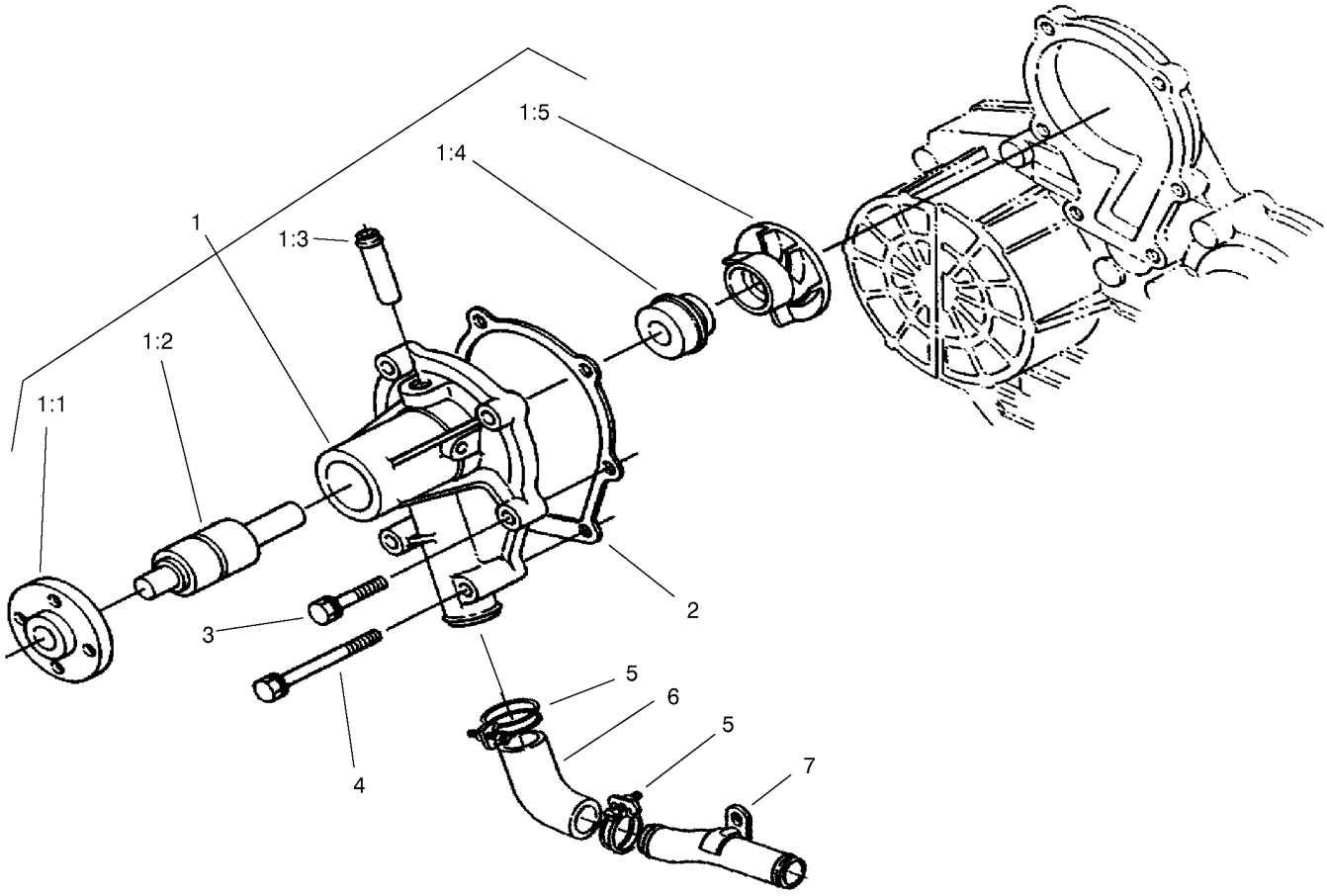
Ref	Part No.	Qty.	Description
3	98-7742	1	Armature ASM
3:1	98-7743	1	Bearing-Ball
3:2	98-7744	1	Bearing-Ball
5	98-7741	1	Yoke ASM
7	98-7749	1	Brush Holder ASM
7:1	98-7750	4	Spring-Brush
8	99-8370	1	Frame-End
9	98-9549	2	Bolt
10	98-7758	2	Bolt ASM
11	98-9712	1	Band-Cover
12	99-8371	1	Nut-Hex
13	98-9711	1	Cord-Stop, Solenoid
14	99-8372	1	Magnetic Switch ASM
15	98-7754	1	Spring
16	98-7755	1	Ball
17	99-8373	1	Clutch
18	98-7756	2	Bolt
19	99-8374	1	Frame-End, Drive
20	98-7752	1	Retainer
21	98-7753	5	Roller
22	98-7751	1	Gear
23	99-8375	1	Cover-Cord
24	98-7757	2	O-Ring
25	99-8376	1	Nut

Ref	Part No.	Qty.	Description
26	98-7759	1	Pipe-Drain



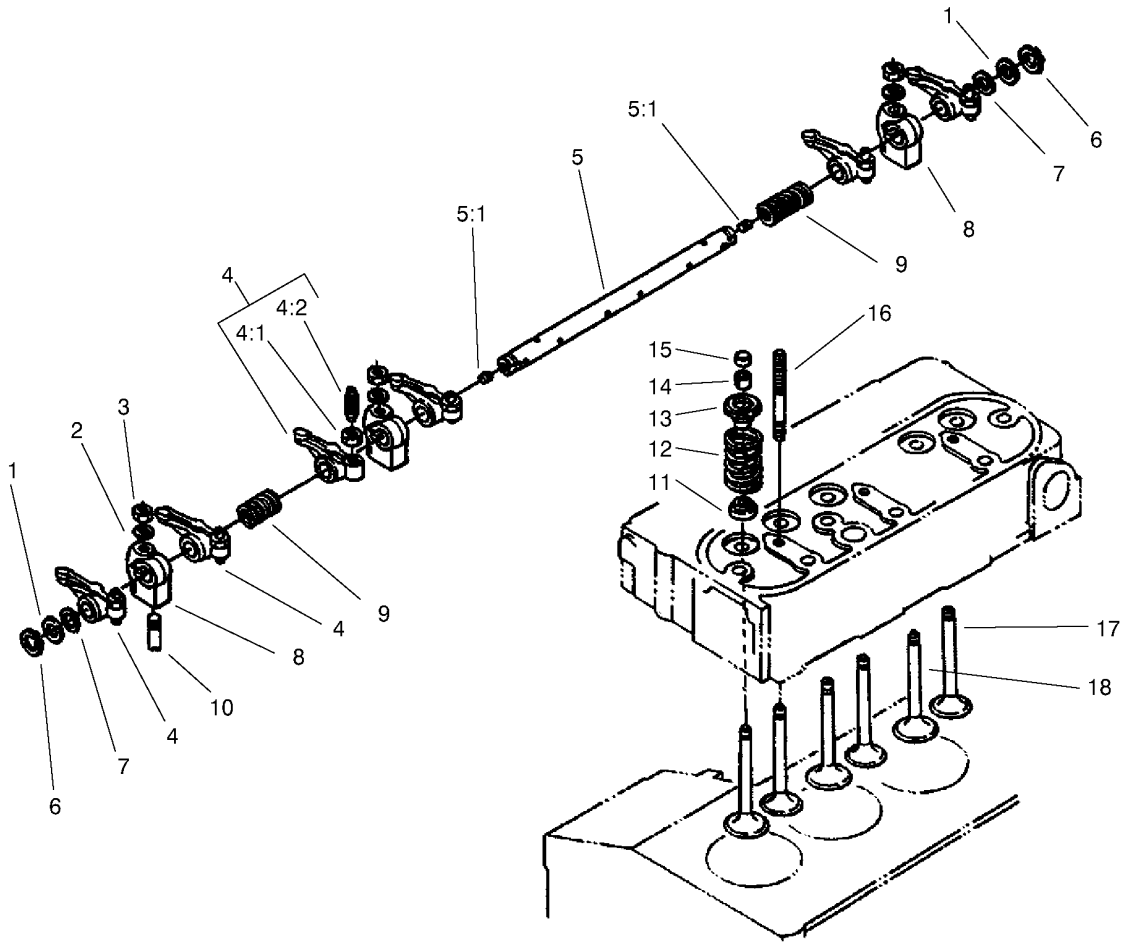
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description
1	98-9579	2	Band-Pipe
2	98-9578	1	Pipe-Return, Water
3	98-9713	1	Water Flange ASM
3:1	98-9580	1	Pipe-Return, Water
4	98-9719	1	Thermoswitch
5	98-7777	2	Bolt
6	104-4804	1	Outlet-Water
7	98-7776	1	Gasket
8	98-7778	1	Thermostat ASM
9	98-9638	1	Gasket-Flange, Water
10	98-7692	3	Bolt
11	98-9356	1	Bolt
12	99-3581	1	Adapter
13	99-3582	1	Thermo-Switch
14	99-3583	1	Packing
15	104-9318	1	Bottle-Overflow, Water



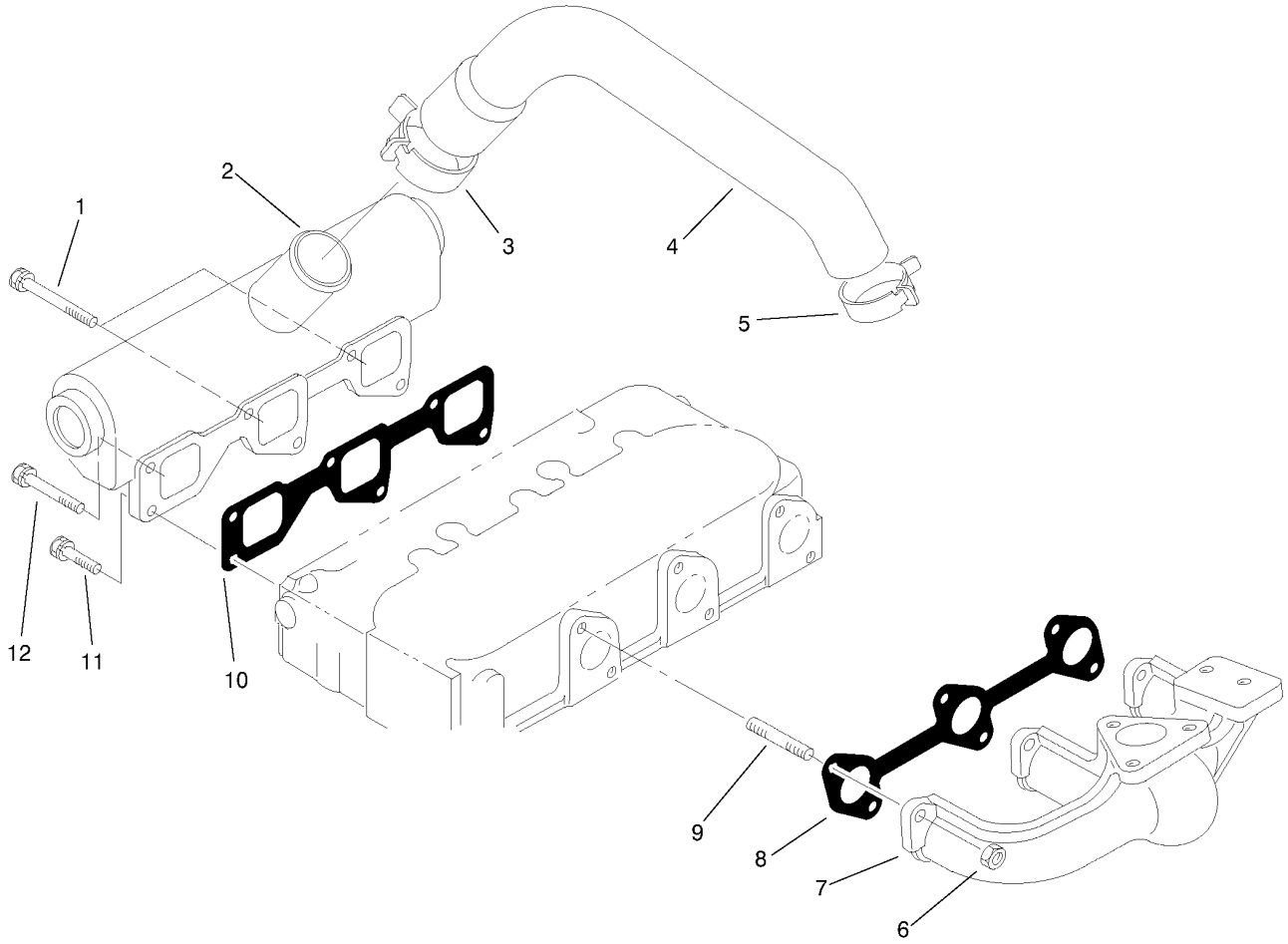
Water Pump Assembly

Ref	Part No.	Qty.	Description
1	99-3455	1	ASM-Pump, Water (Incl. Ref. No.2-6)
1:1	99-3516	1	Flange-Pump, Water
1:2	99-3517	1	Bearing
1:3	98-9577	1	Pipe-Return, Water
1:4	99-3518	1	Seal ASM, Water Pump
1:5	99-3519	1	Impeller-Water
2	99-3454	1	Gasket-Pump, Water
3	33103-030	1	Bolt
4	98-9357	4	Bolt
5	98-9717	2	Clamp
6	98-9574	1	Pipe-Water
7	99-8379	1	Pipe-Water



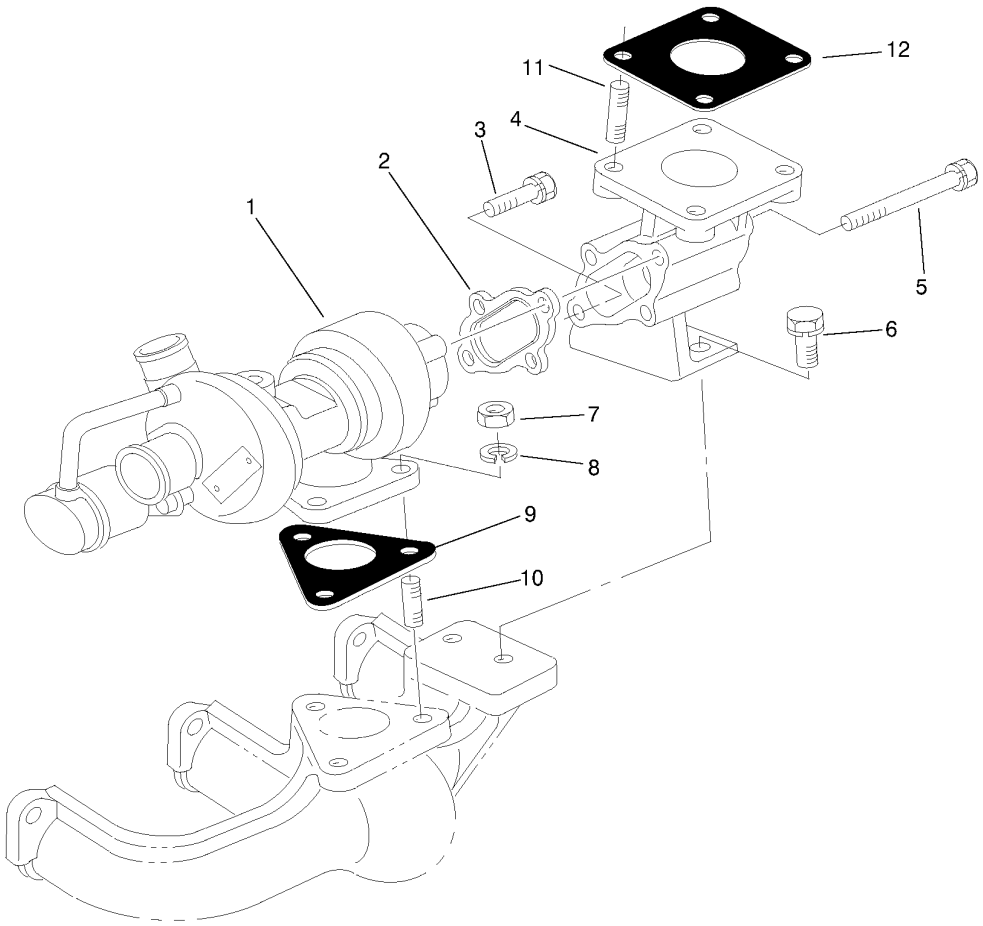
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description
1	98-9508	2	Washer-Shaft, Rocker Arm
2	98-9385	3	Washer-Flat
3	98-9393	3	Nut
4	98-9501	6	Rocker Arm ASM
4:1	98-9503	6	Nut
4:2	98-9502	6	Screw-Adjusting
5	98-9612	1	Rocker Arm Shaft ASM
5:1	98-9365	2	Screw-Set
6	98-9370	2	Clip-Circular, External
7	98-9507	2	Washer-Shaft, Rocker Arm
8	98-9505	3	Bracket-Arm, Rocker
9	98-9504	2	Spring-Arm, Rocker
10	98-9391	1	Screw-Set
11	98-9496	6	Seal-Valve Stem
12	98-9626	6	Nut-Hex.
13	98-9498	6	Retainer-Valve Spring
14	98-9390	6	Collet-Set, Valve Spring
15	98-9497	6	Cap-Valve
16	98-9506	3	Stud
17	98-9625	3	Cover-Cord
18	98-9494	3	Valve-Inlet



Exhaust Manifold and Gasket Assembly

Ref	Part No.	Qty.	Description
1	99-8320	2	Bolt
2	99-8321	1	Manifold-Inlet
3	99-8322	1	Band-Pipe
4	99-8323	1	Hose-Inlet
5	99-8324	1	Band-Pipe
6	98-9665	6	Nut
7	99-8326	1	Manifold-Exhaust
8	99-8327	1	Gasket-Exhaust
9	98-9588	6	Stud
10	99-8329	1	Gasket-Intake
11	98-7568	3	Bolt
12	98-7496	1	Bolt



Turbo Charge Assembly

Ref	Part No.	Qty.	Description
1	99-8332	1	ASM-Charger, Turbo
2	99-8333	1	Gasket
3	99-8334	1	Bolt
4	99-8335	1	Flange-Muffler
5	99-8336	3	Bolt
6	98-7610	2	Bolt
7	98-7534	3	Nut
8	99-8339	3	Washer-Lock
9	99-8340	1	Gasket
10	99-8341	3	Stud
11	99-8342	4	Stud
12	99-8343	1	Gasket-Muffler

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