Form Number 3326-443 Rev A

Reelmaster® 3100-D
With Sidewinder®

Model No. 03201 - 220000001 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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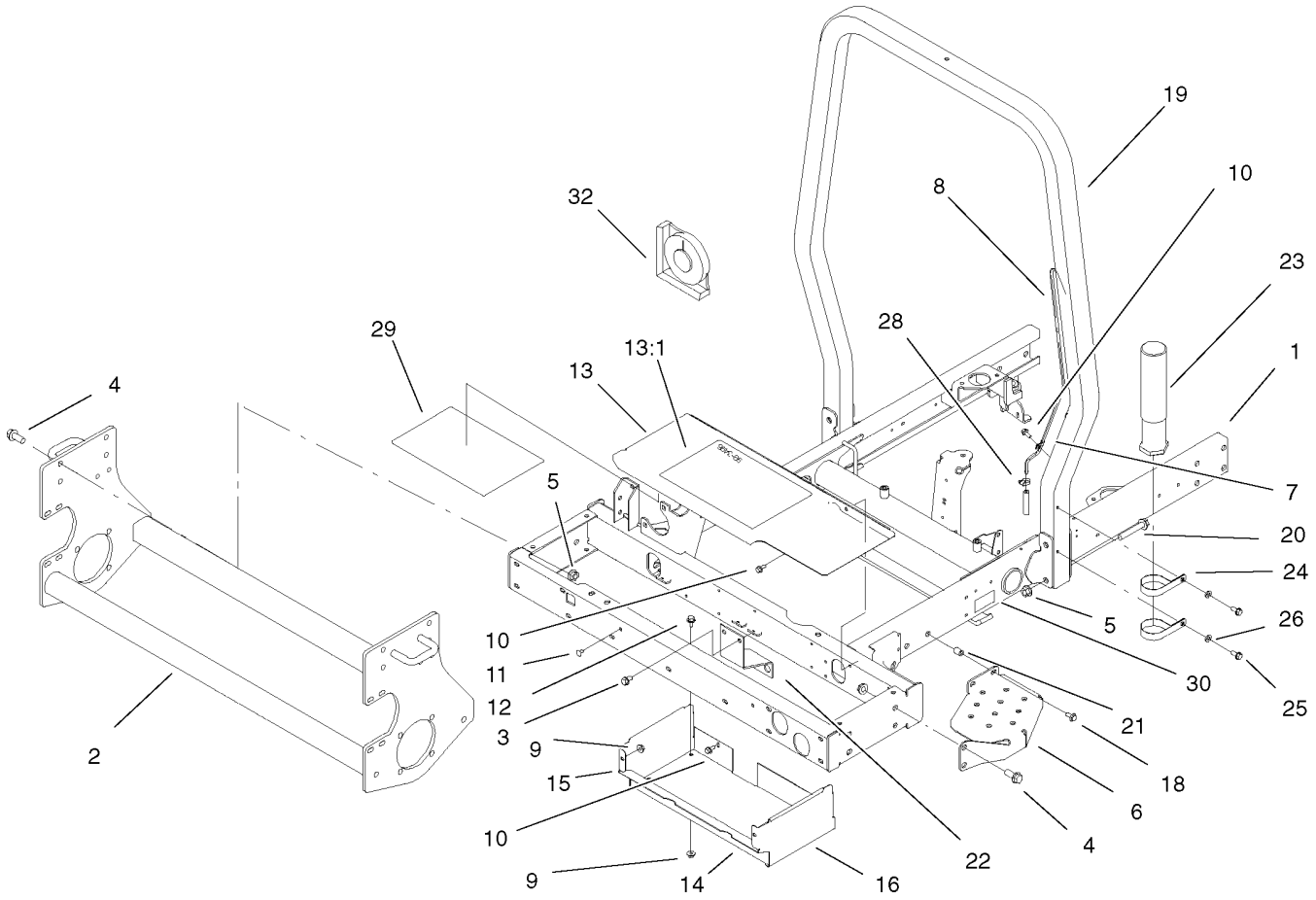
Part Description Abbreviations

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

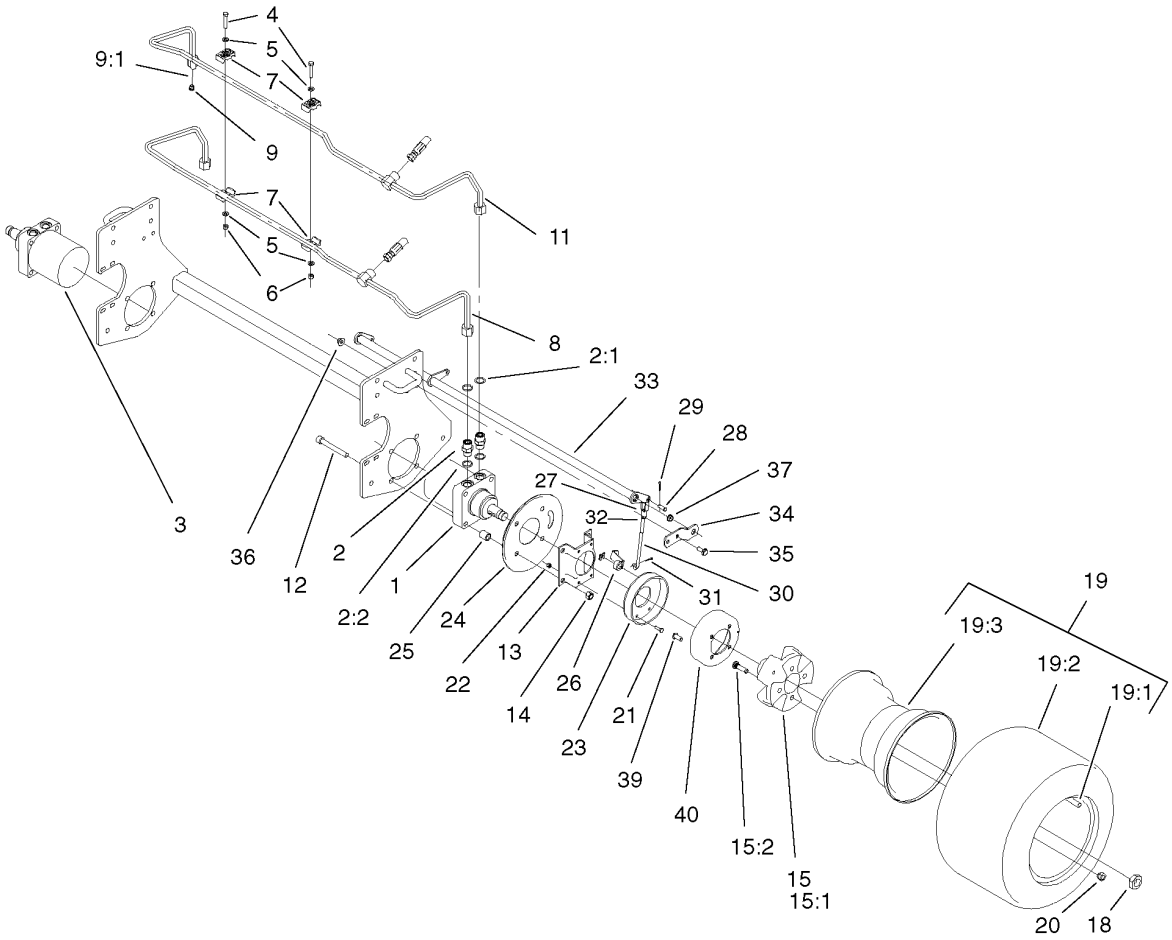
❶ Not serviced separately
❷ * Not Illustrated
❸ <13> Not serviced



Frame Assembly

Ref	Part No.	Qty.	Description
1	95-8590-03	1	Frame Assembly
2	95-8568-03	1	Frame-Lower
3	32144-15	2	Screw
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
9	32128-33	6	Nut-Flange
10	32144-10	13	Screw
11	3229-10	2	Bolt-Carriage
12	3234-13	4	Screw-Hex Flange HD.
13	99-3504	1	Toolbox Cover Assembly (Incl. Ref. No.27)
13:1	99-3560	1	Decal-Danger (Europe)
13:1	99-3496	1	Decal-Danger
14	99-3430-03	1	Bottom-Toolbox
15	99-3431-03	1	End-Toolbox, RH
16	99-3432-03	1	End-Toolbox, LH
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

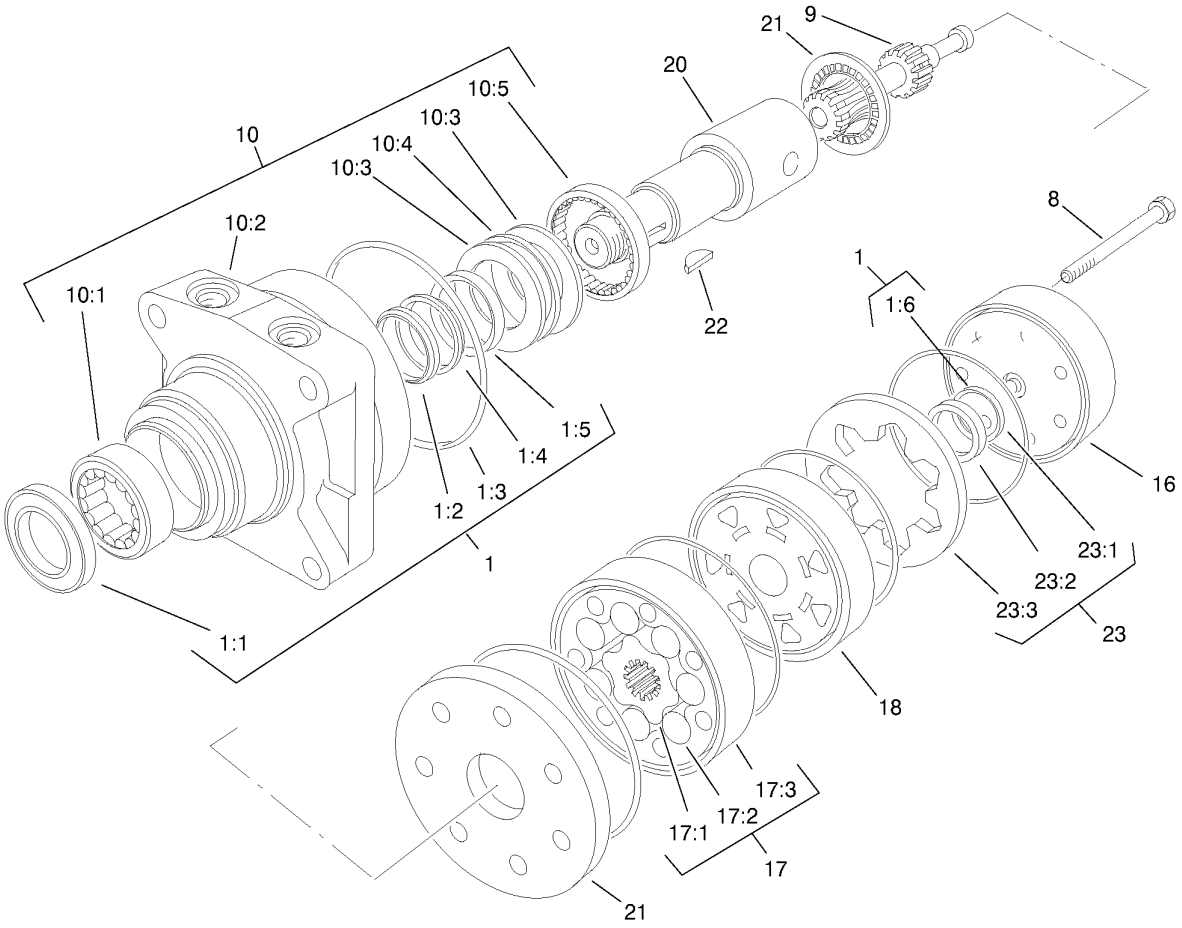
Ref	Part No.	Qty.	Description
23	74-0720	1	Tube-Manual
24	2412-133	2	Clamp-Tube
25	32144-70	2	Screw-Hex. HD.
26	3256-23	2	Washer-Flat
28	2412-108	1	Clamp-Worm
29	99-3494	1	Decal-Service
30	105-4674	1	Decal-Noise
32	99-3503	1	Tool-Angle Locator



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

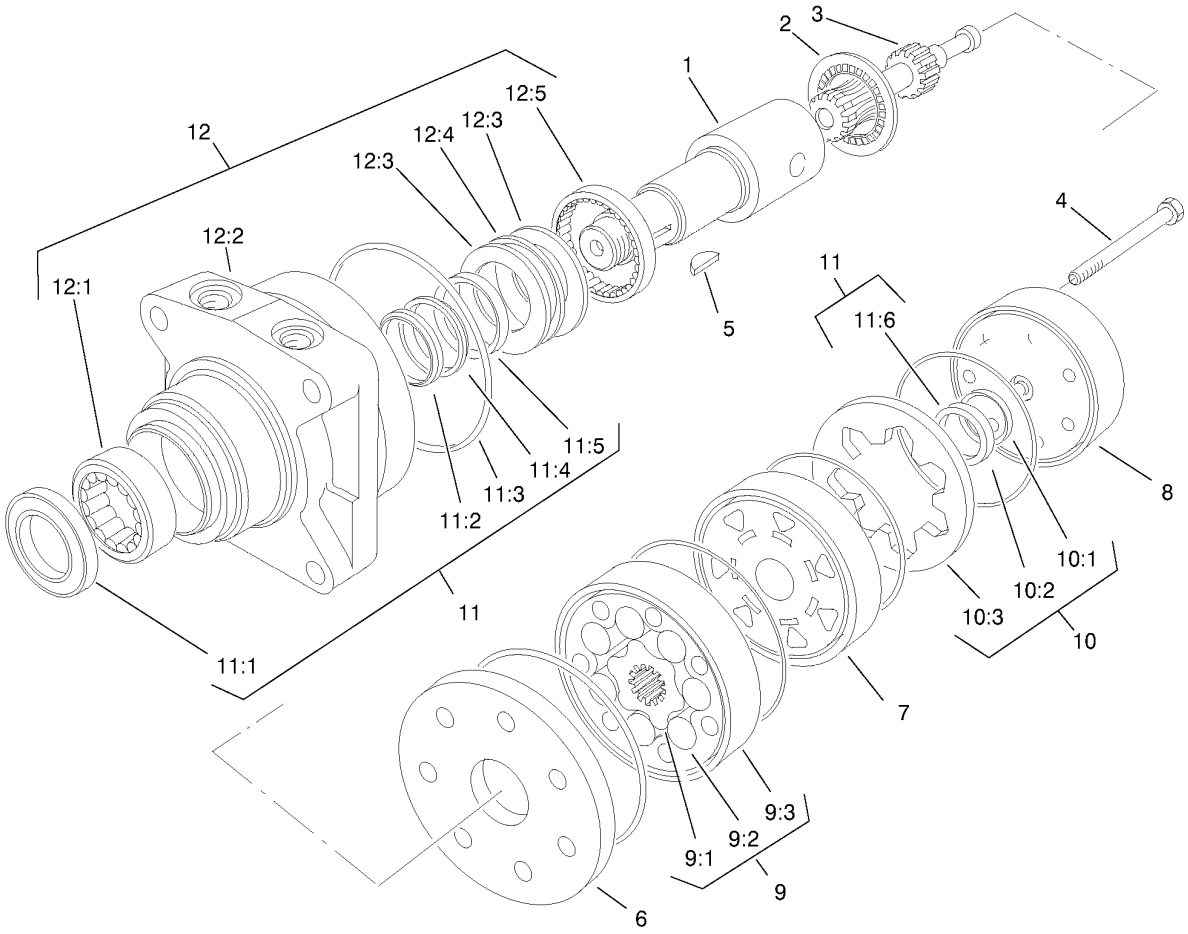
Ref	Part No.	Qty.	Description
20	242-50	8	Nut-Lug
21	321-5	8	Screw-Hex HD. Cap
22	3296-42	8	Nut-Lock
23	104-7705	2	Brake ASM
24	104-0485-03	2	Shield-Wheel
25	92-1715	8	Spacer-Front Wheel
26	93-6850	2	Brake Lever Assembly
27	282-2	2	Clevis
28	283-1	2	Pin-Clevis
29	3272-10	2	Pin-Cotter
30	104-4627	2	Rod-Adjusting
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 Motor Assembly No. 75-9990

Ref	Part No.	Qty.	Description
1	76-0800	1	Seal Kit-Wheel Motor
❸1:1		1	Seal-Dirt & Water
❸1:2		1	Washer - Back-Up
❸1:3		5	Ring-Seal
❸1:4		1	Washer - Back-Up
❸1:5		1	Seal-Inner
❸1:6		1	Commutator
❸2		5	Seal Rings
❸3		1	Ring-Commutator,Bonded
❸4		1	Seal-Inner
❸5		1	Washer-Backup
❸6		1	Washer-Backup
❸7		1	Seal-Dirt & Water
8	76-1010	7	Screw-Hex. HD.
9	76-0960	1	Link-Drive
10	76-0810	1	Wheel Motor Housing ASM
❸10:1		1	Bearing
❸10:2		1	Housing
❸10:3		2	Washer-Thrust
❸10:4		1	Bearing-Thrust
❸10:5		1	Bearing
❸11		1	Housing
❸12		1	Bearing
❸13		1	Thrust Bearing

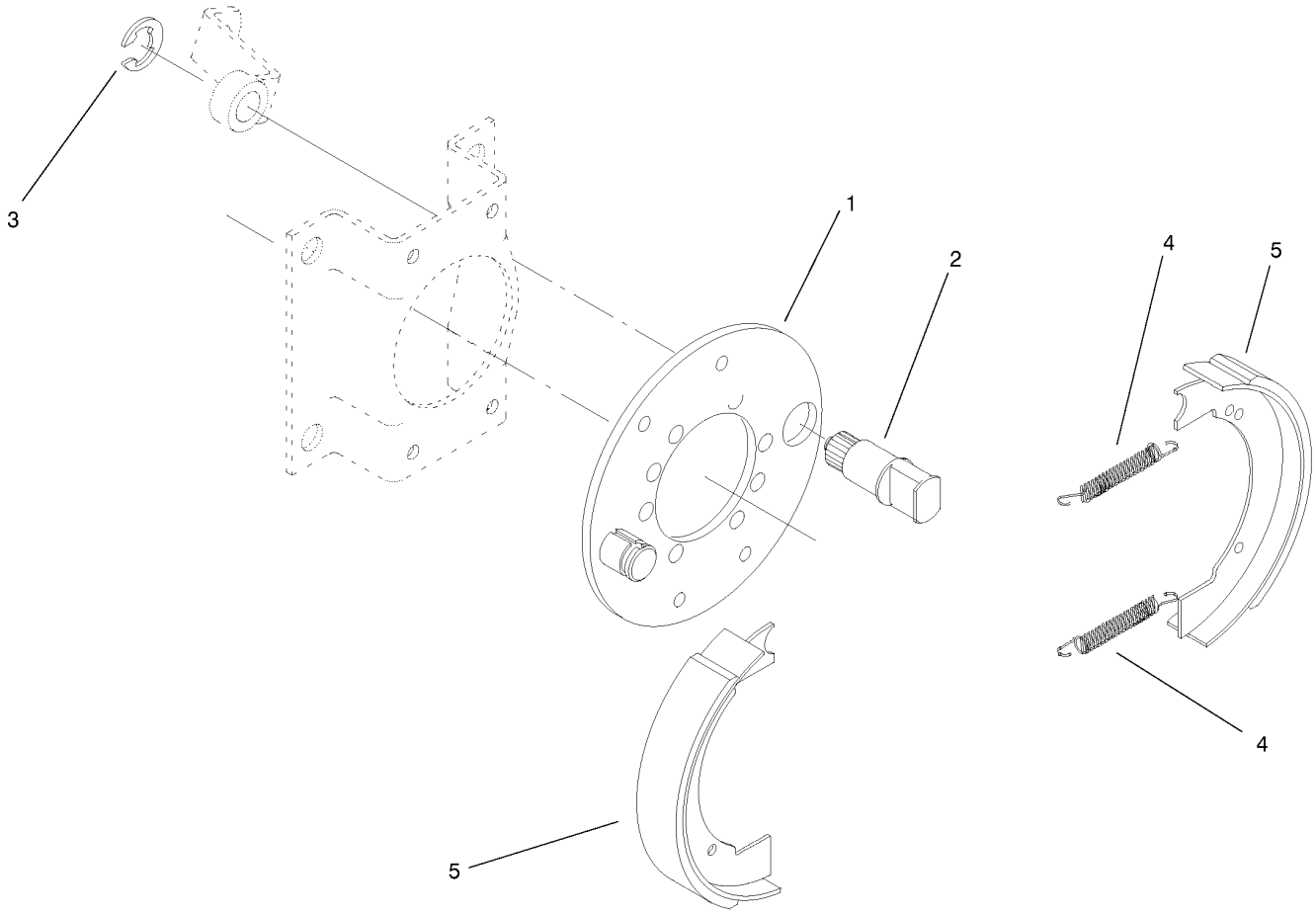
Ref	Part No.	Qty.	Description
❸14		1	Bearing
❸15		2	Thrust Washer
16	76-0940	1	End Cover ASM
17	76-0970	1	Rotor Set (Incl. Ref. No.19-21)
❸17:1		1	Rotor
❸17:2		7	Vane
❸17:3		1	Stator
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
❸23:1		1	Seal-Commutator
❸23:2		1	Commutator
❸23:3		1	Ring-Commutator



Hydraulic Motor Assembly No. 95-8693

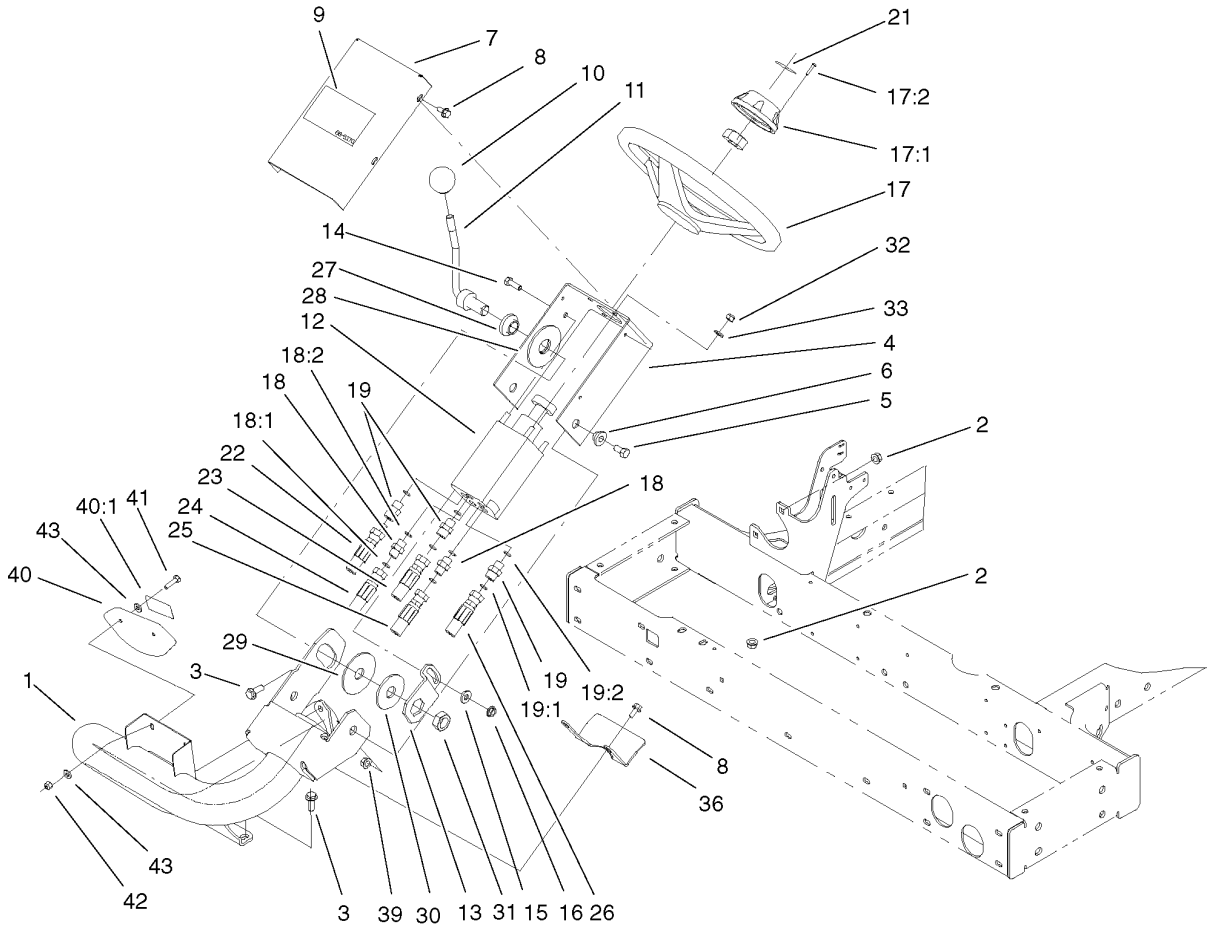
Ref	Part No.	Qty.	Description
1	76-0860	1	Shaft-Coupling
2	76-0850	1	Bearing-Thrust
3	76-0960	1	Link-Drive
4	76-1010	7	Screw-Hex. HD.
5	3257-42	1	Key-Woodruff
6	76-0870	1	Plate-Wear
7	99-3535	1	Manifold
8	76-0940	1	End Cover ASM
9	76-0970	1	Rotor Set (Incl. Ref. No.19-21)
❸9:1		1	Rotor
❸9:2		7	Vane
❸9:3		1	Stator
10	76-0880	1	Commutator ASM
❸10:1		1	Seal-Commutator
❸10:2		1	Commutator
❸10:3		1	Ring-Commutator
11	76-0800	1	Seal Kit-Wheel Motor
❸11:1		1	Seal-Dirt & Water
❸11:2		1	Washer - Back-Up
❸11:3		5	Ring-Seal
❸11:4		1	Washer - Back-Up
❸11:5		1	Seal-Inner
❸11:6		1	Commutator
12	76-0810	1	Wheel Motor Housing ASM

Ref	Part No.	Qty.	Description
❸12:1		1	Bearing
❸12:2		1	Housing
❸12:3		2	Washer-Thrust
❸12:4		1	Bearing-Thrust
❸12:5		1	Bearing



Brake Assembly No. 104-7705

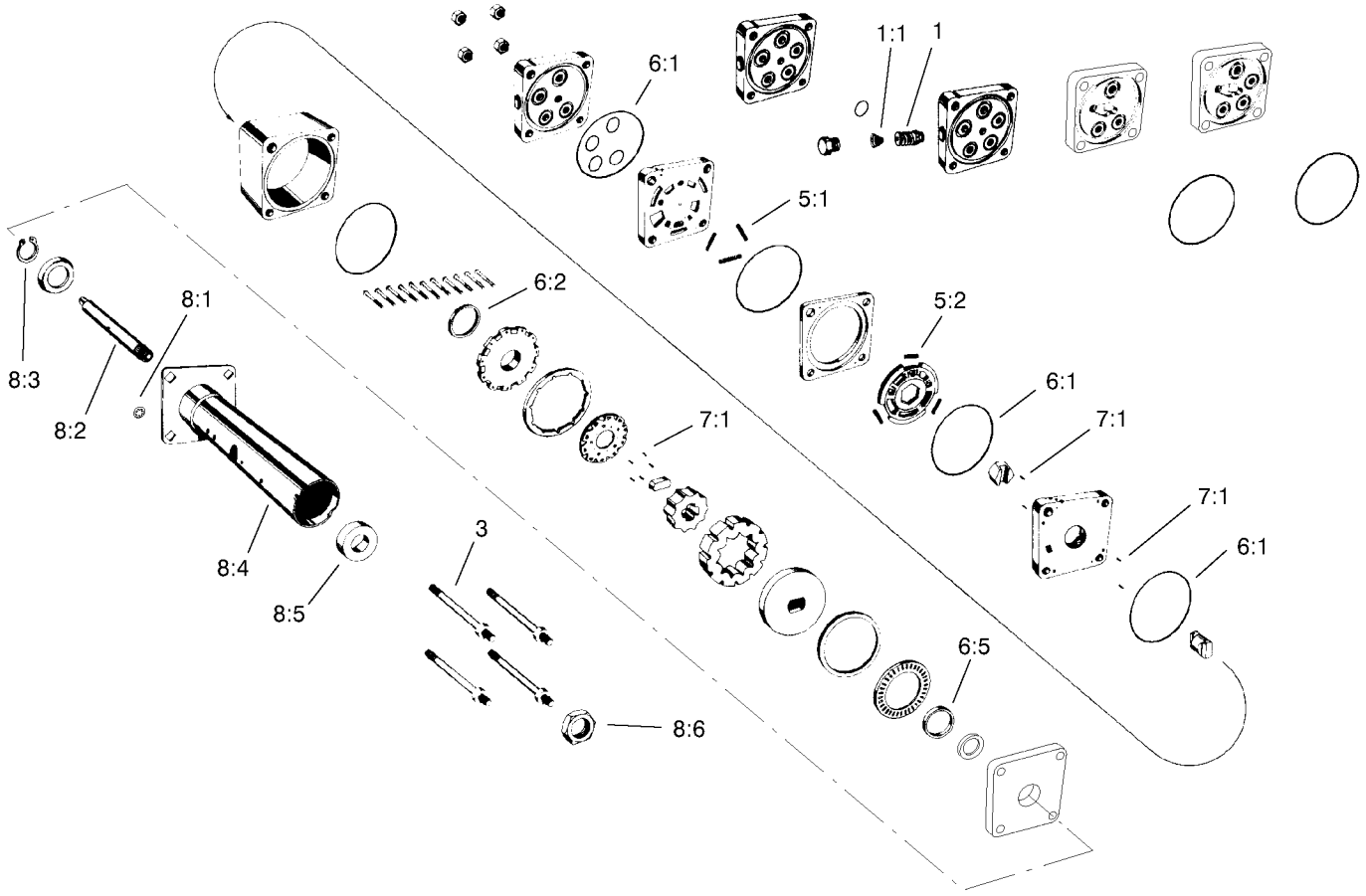
Ref	Part No.	Qty.	Description
1	70-9870	1	Plate-Backing
2	104-7707	1	Cam Shaft-Brake
3	104-7706	1	E-Ring-Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Steering Column Assembly

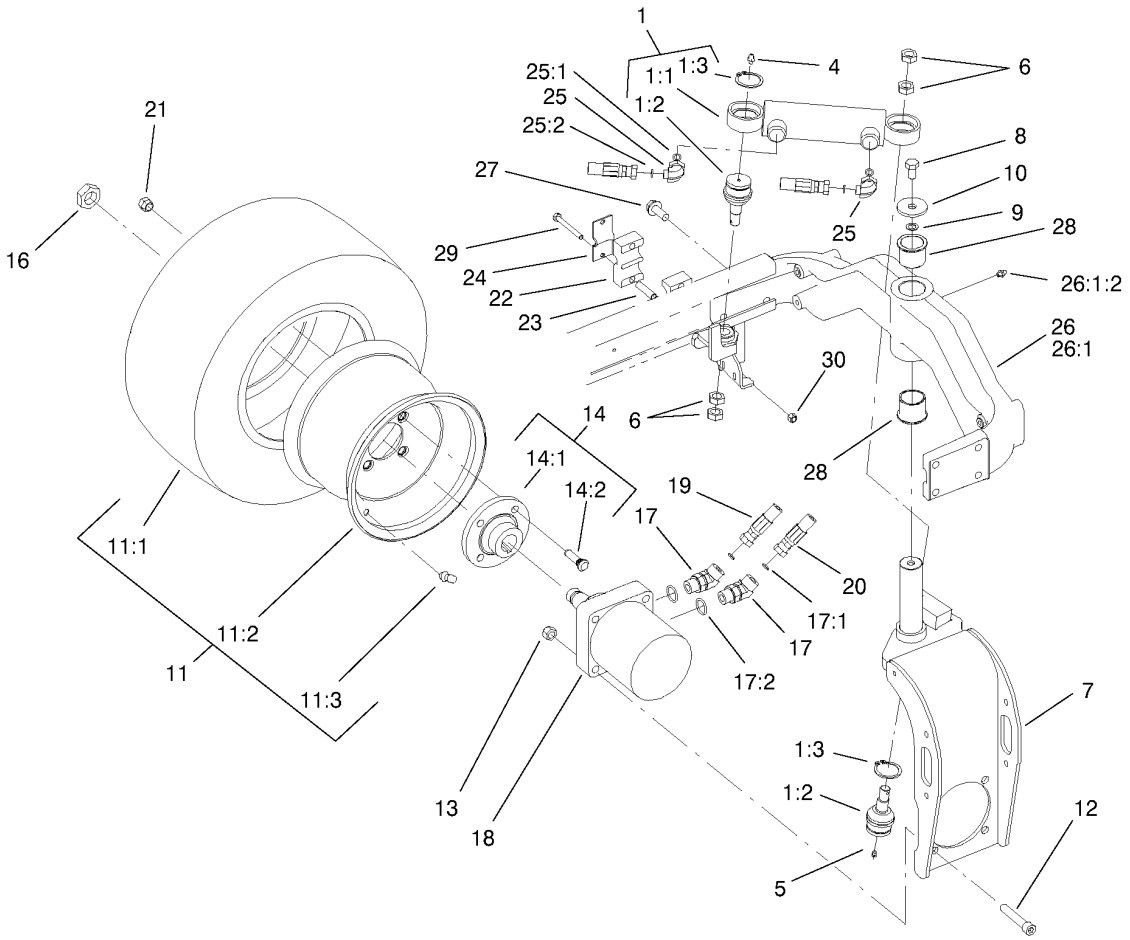
Ref	Part No.	Qty.	Description
1	100-4896-01	1	Arm-Steering
2	32128-43	4	Nut-Flange
3	3234-11	4	Screw-HHF
4	95-8793-01	1	Bracket-Steering Valve
5	323-5	2	Screw-Hex HD. Cap
6	93-5988	2	Spacer
7	95-8794-01	1	Cover-Steering
8	32144-10	5	Screw
9	67-1300	1	Decal-Toro
10	233-48	1	Knob
11	95-8798-03	1	Lever 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	95-8844	1	Hose Assembly
25	95-8845	1	Hose Assembly
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
41	321-7	2	Screw-Cap
42	3296-42	2	Nut-Lock
43	3256-22	4	Washer-Flat
❷99	3290-378	2	Cable Tie



Steering Control Assembly No. 104-0474

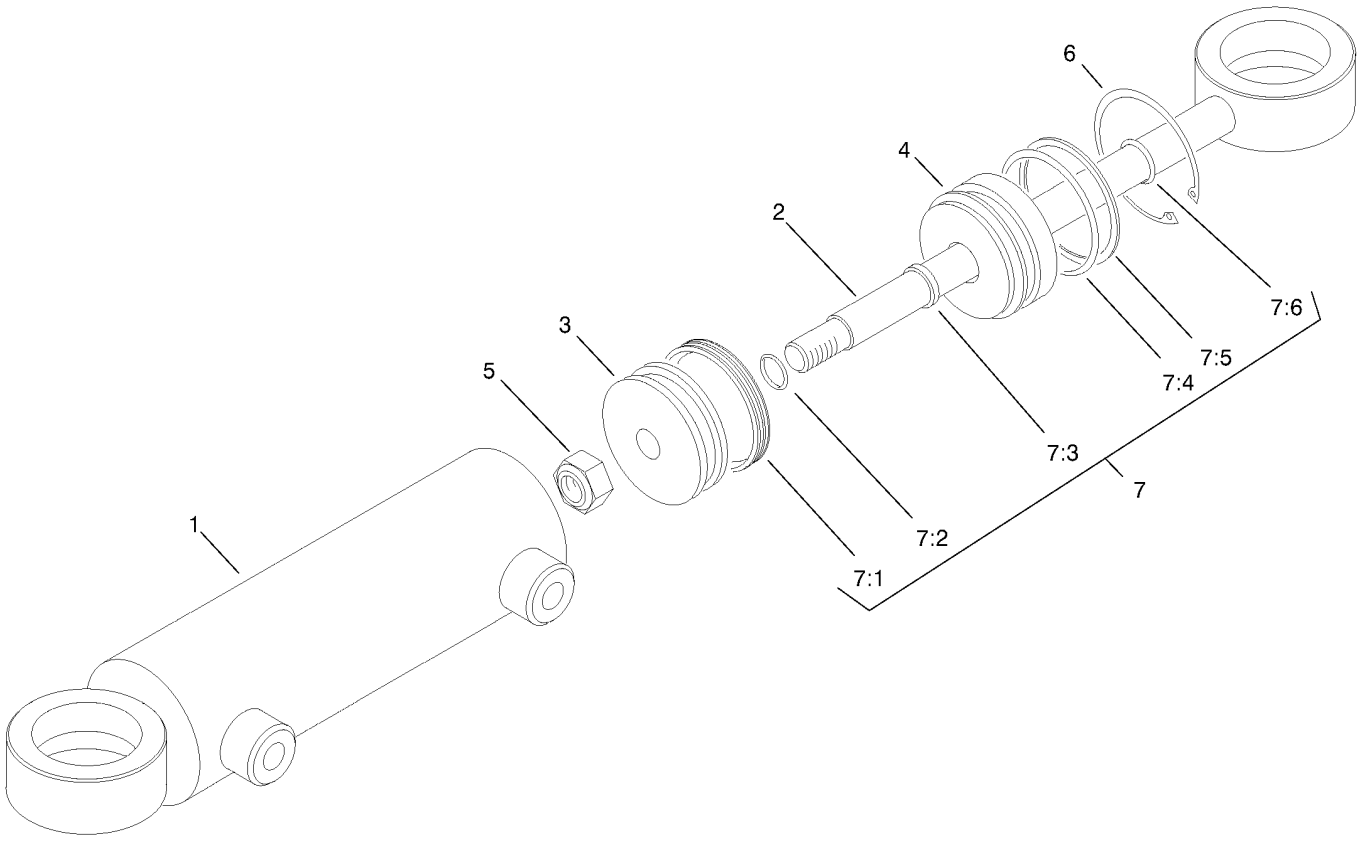
Ref	Part No.	Qty.	Description
1	99-3523	1	Cartridge-Relief Valve (Incl. Ref. No.49)
❸1:1		1	Spring-Coil
3	99-3524	4	Bolt-Special
5	66-9970	1	Kit-Spring (Incl. Ref. No.4 And 25)
❸5:1		3	Spring
❸5:2		3	Spring
6	66-9980	1	Kit-Seal (Incl. Ref. No.1, 11, 19, 23, 31 And 33)
❸6:1		5	Ring-Seal
❸6:2		1	Seal-Commutator
❸6:5		1	Seal-Face
7	66-9990	1	Kit-Needle Roller (Incl. Ref. No.5)
❸7:1		9	Pin-Alignment
8	104-0475	1	Column ASM
8:1	92-7316	4	Nut-Push On
❸8:2		1	Shaft-Input
❸8:3		1	Ring-Retaining
❸8:4		1	Upper Cover & Jacket
❸8:5		1	Bushing
8:6	47-6990	1	Nut



Rear Fork and Tire Assembly

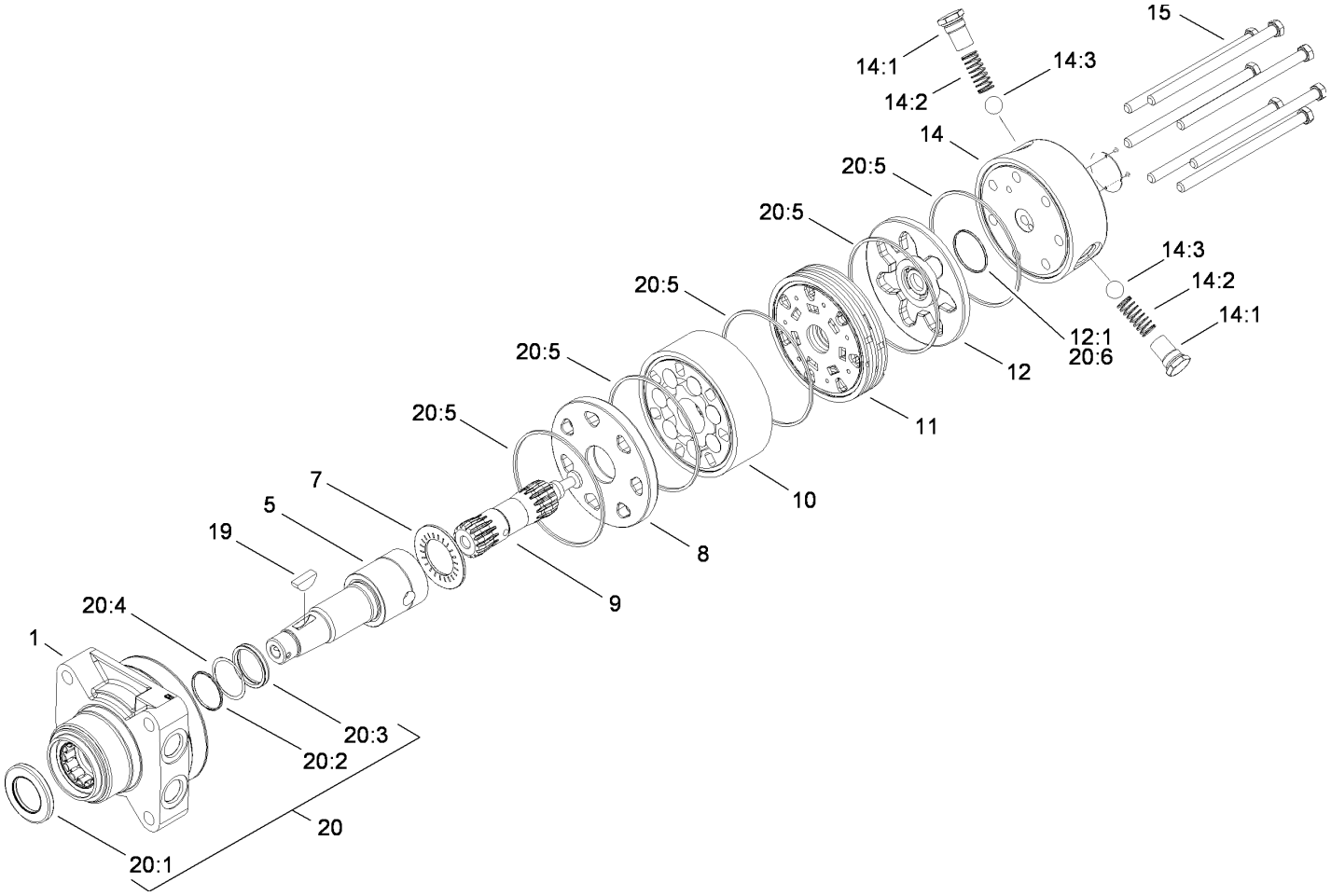
Ref	Part No.	Qty.	Description
❸1		1	Steering Cylinder/Balljoint ASM
1:1	94-8141	1	Hydraulic Cylinder Assembly
1:2	92-5838	2	Ball Joint
1:3	32151-104	2	Ring-Retaining
4	302-5	1	Fitting-Grease
5	302-59	1	Plug-Grease
6	3220-6	4	Nut-Jam
7	95-8905-01	1	Rear Fork Assembly
8	325-3	1	Washer-Plain
9	3255-2	1	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
❸14		1	Wheel Hub / Stud ASM
14:1	10-6870-03	1	Hub-Wheel
14:2	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	105-1221	1	Hose-ASM
20	105-1222	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
❷99	3290-378	5	Cable Tie



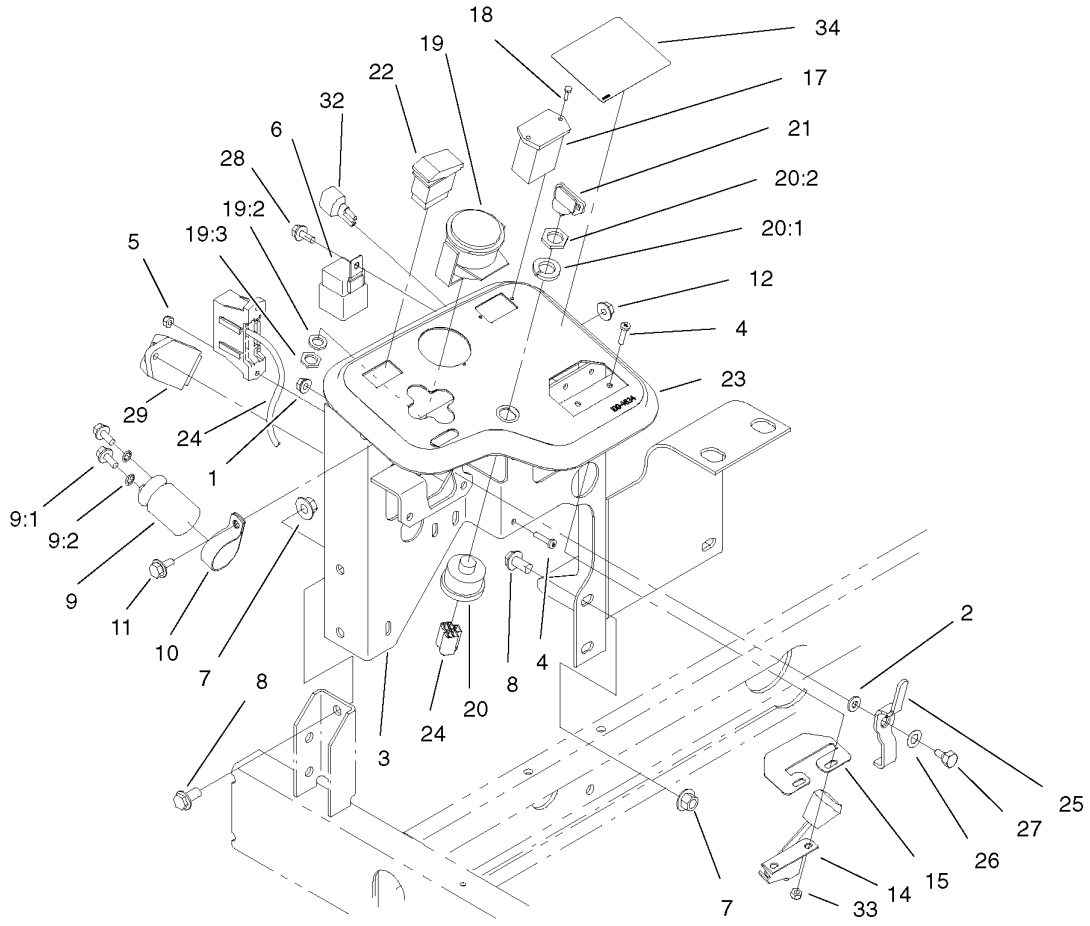
Hydraulic Cylinder Assembly No. 94-8141

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)
❸7:1		1	Uniring
❸7:2		1	O-Ring
❸7:3		1	Seal-Rod
❸7:4		1	O-Ring
❸7:5		1	Ring-Backup
❸7:6		1	O-Ring



Hydraulic Motor Assembly No. 95-8694

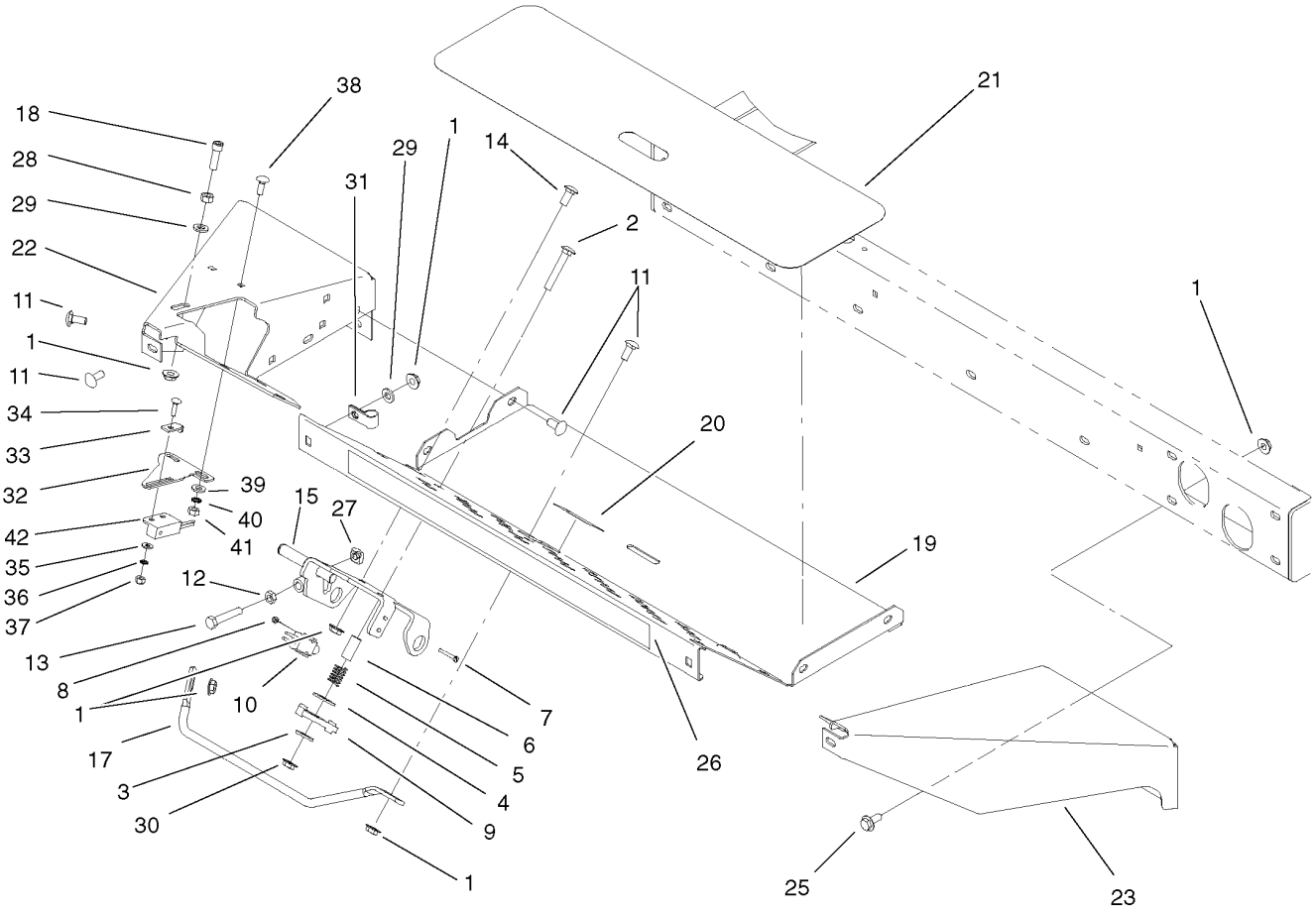
Ref	Part No.	Qty.	Description
1	76-0810	1	Housing ASM
5	99-3090	1	Shaft-Coupling
7	76-0850	1	Bearing-Thrust
8	76-0870	1	Plate-Wear
9	99-3537	1	Link-Drive
10	99-3539	1	Set-Rotor
11	99-3535	1	Manifold
12	76-0880	1	Commutator ASM
❶12:1		1	Seal-Commutator
14	99-3538	1	End Cover ASM
❶14:1		1	Spring Cap And 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

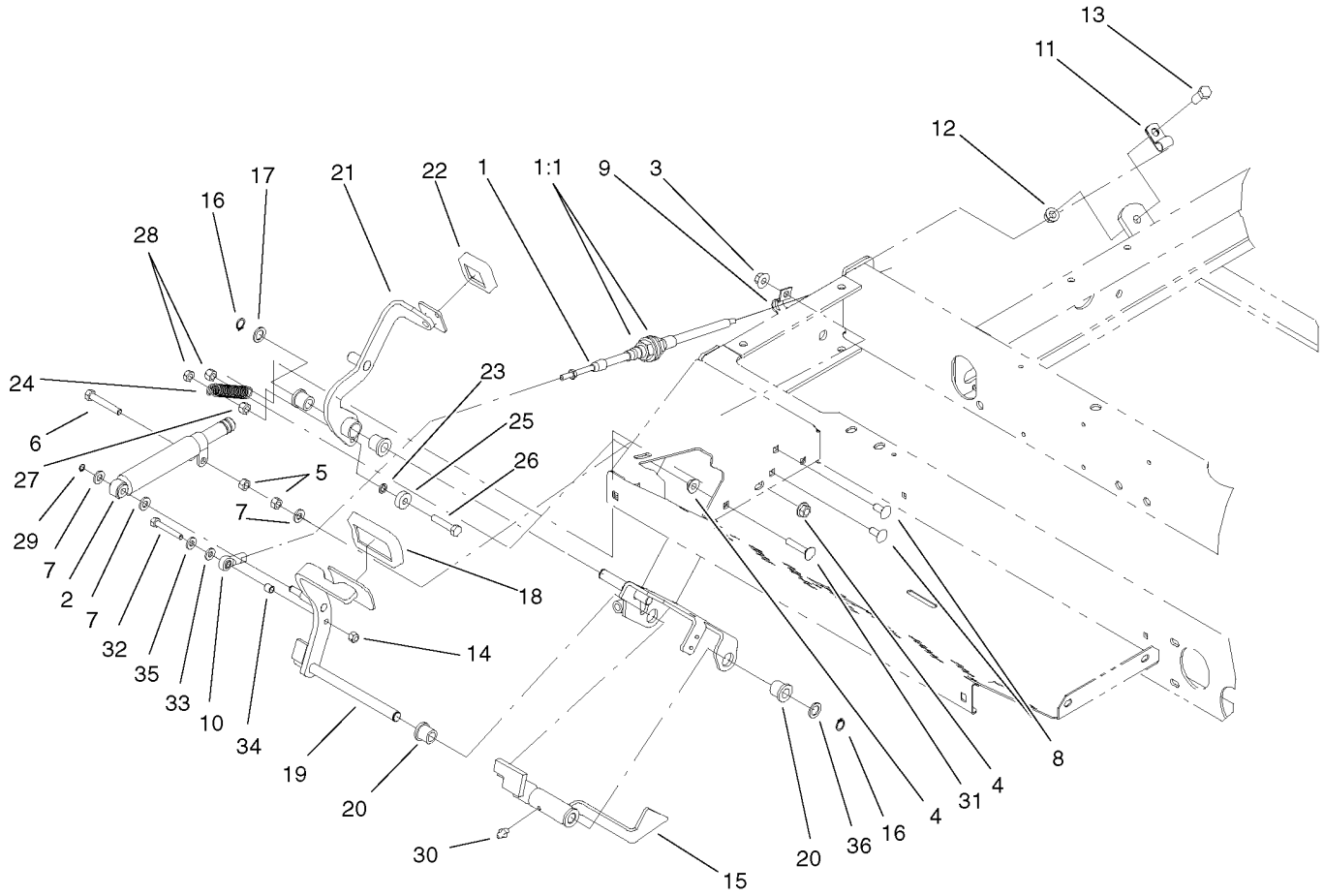
Ref	Part No.	Qty.	Description
20	88-9830	1	Switch-Ignition (Incl. Ref. No.13 And 14)
20:1	3254-5	1	Washer-Lock
20:2	218-461	1	Nut-Hex
21	63-8360	2	Key-Ignition
22	95-8999	1	Switch
23	99-3443	1	Decal-Console (Model 03201)
24	100-4823	1	Harness-Wire
25	99-3401-03	1	Lever-Lock, Valve
26	3290-477	1	Washer-Curved
27	63-3410	1	Screw-Shoulder
28	32144-10	5	Screw
29	98-7611	1	Controller-Glow, F/W
32	100-4918	4	Diode
33	3290-148	2	Nut-Lock
❷99	3290-378	3	Cable Tie
❷99	3290-379	4	Tie-Cable



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

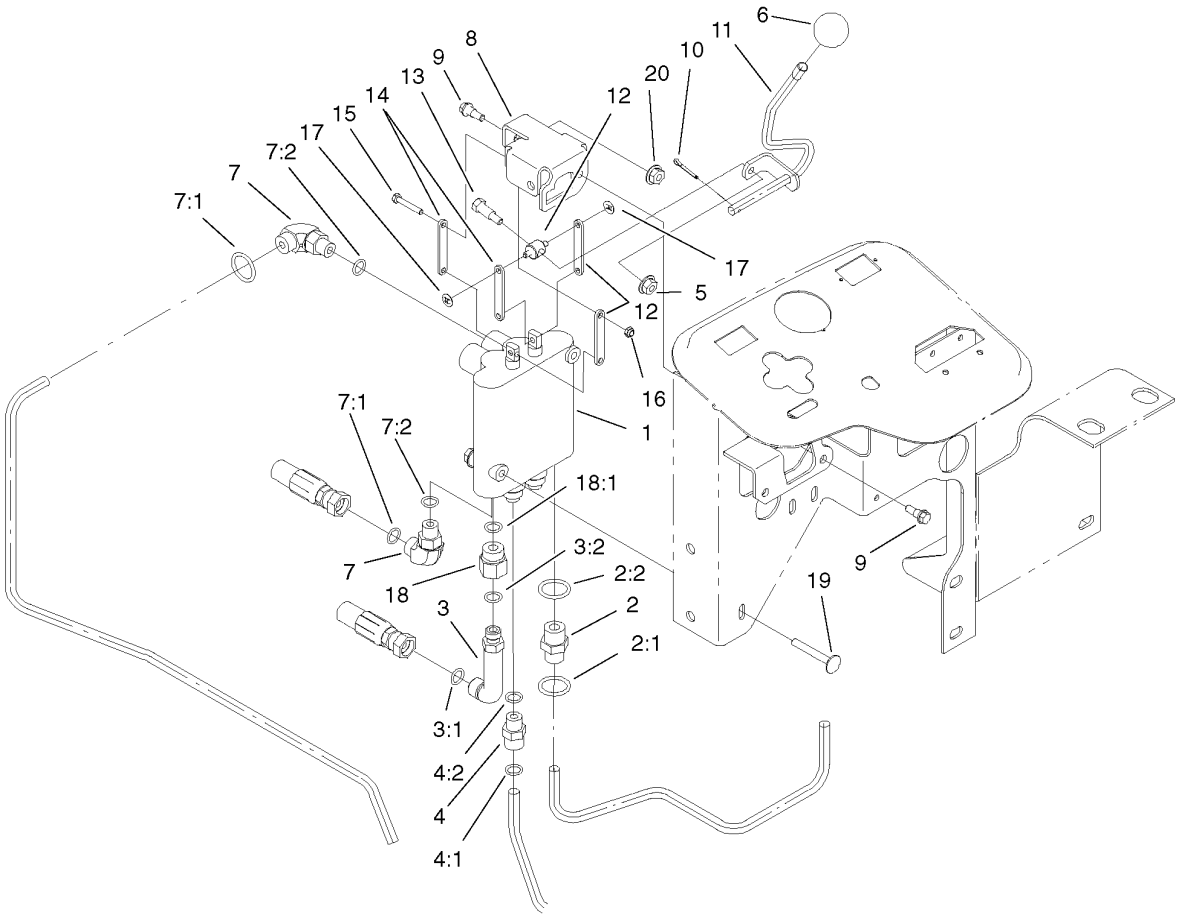
Ref	Part No.	Qty.	Description
26	99-3388	1	Decal-Sidewinder (Model No. 03201)
27	99-3565	1	Nut-Square
28	3217-6	1	Nut-Hex.
29	3256-23	2	Washer-Flat
30	3296-29	1	Nut-Lock, NI
31	2412-103	1	Clamp-Fuel Line
32	100-4871	1	Bracket-Switch, Neutral
33	100-4872	1	Plate-Switch, Neutral
34	3229-20	1	Screw-CARR
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
❷99	3290-379	2	Tie-Cable



Traction Pedal Assembly

Ref	Part No.	Qty.	Description
1	93-2099	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

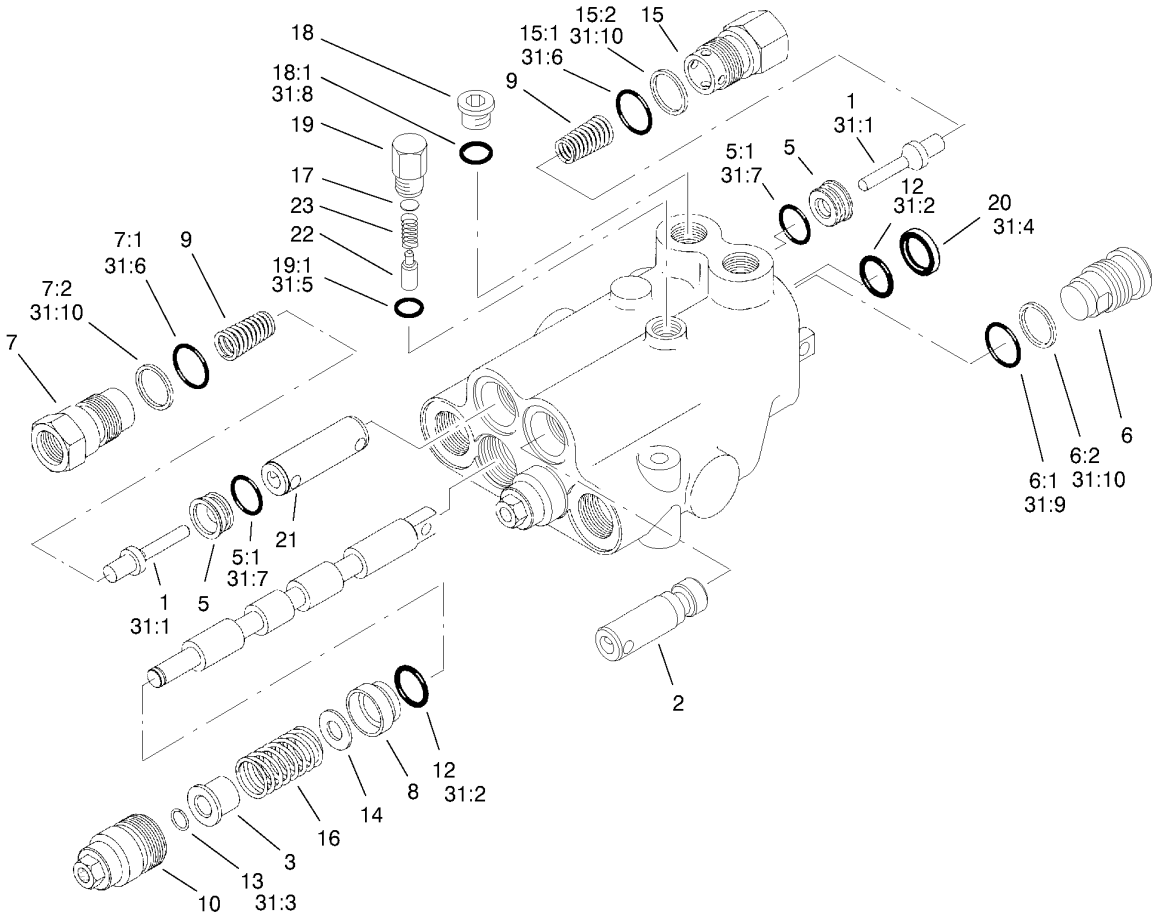
Ref	Part No.	Qty.	Description
23	75-5470	1	Spacer Bearing
24	99-3476	1	Spring-Extension
25	251-259	1	Bearing-Ball
26	322-7	1	Screw-HH
27	3296-29	1	Nut-Lock, NI
28	3296-47	2	Nut-Hex Lock
29	32151-3	1	Ring-Retainer
30	302-5	1	Fitting-Grease
31	3230-27	1	Bolt-Carriage
32	321-9	1	Screw-Hex HD. Cap
33	33093-00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



Control Valve 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	2	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

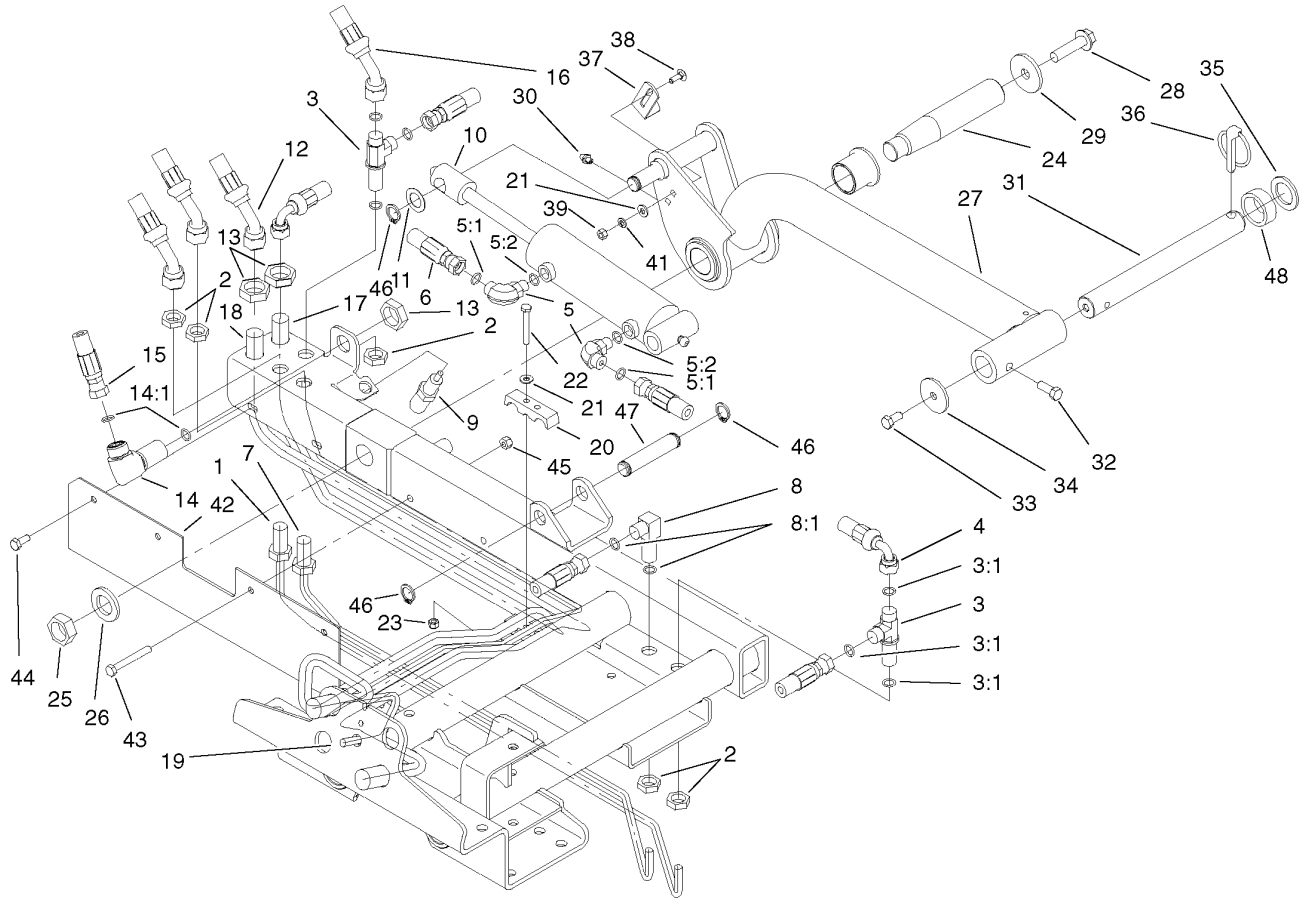
Ref	Part No.	Qty.	Description
16	87-5140	3	Nut-Lock
17	93-3988	2	Pushnut
18	353-397	1	Adapter Reducer
18:1	237-79	1	"o"ring
19	3230-33	2	Screw-CARR
20	32128-32	2	Nut-Flange



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

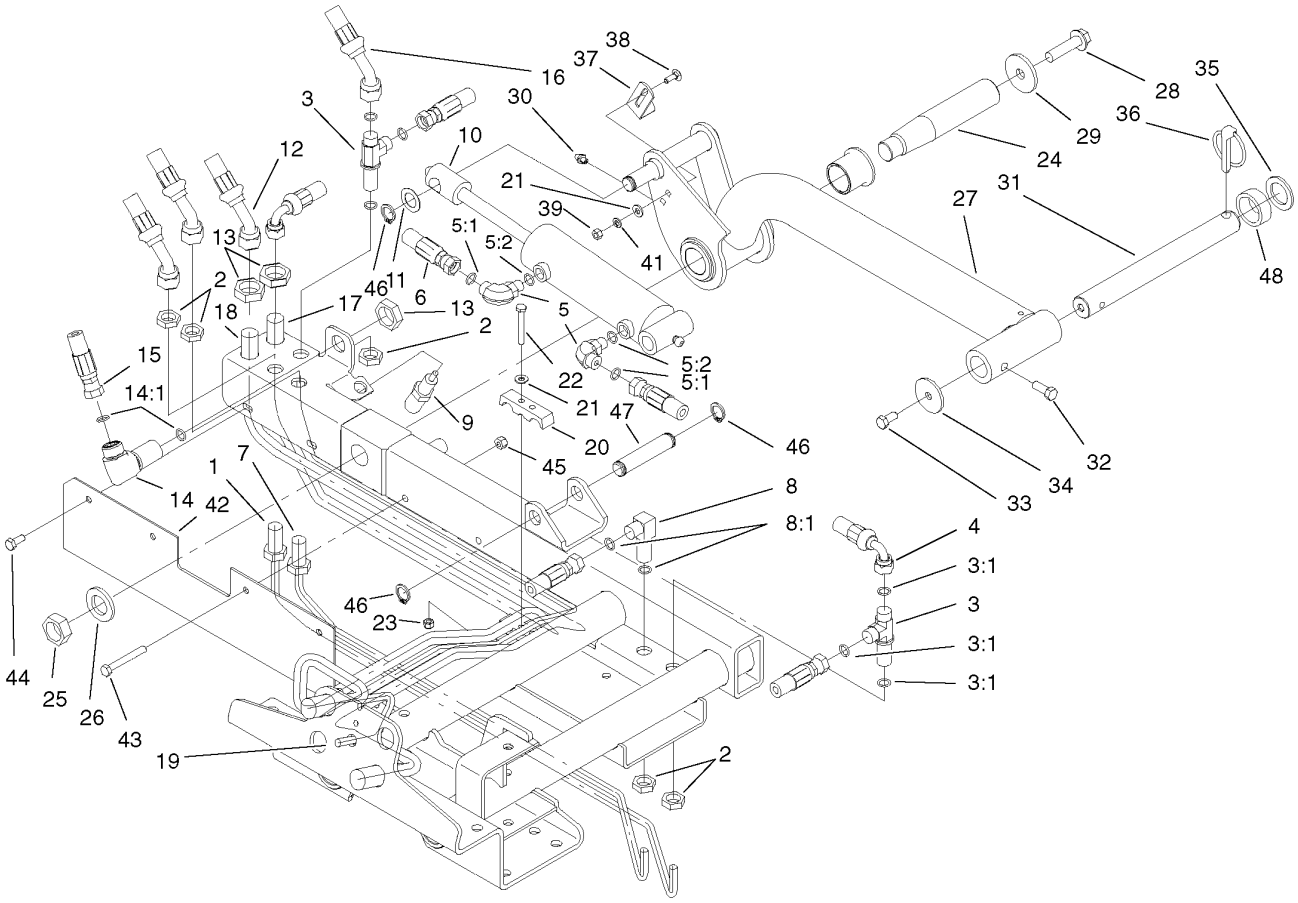
Ref	Part No.	Qty.	Description
18	353-989	1	Plug (Incl. Ref. No.15)
18:1	237-42	1	O-Ring
19	58-6780	1	Plug Assembly (Incl. Ref. No.5)
19:1	58-6790	1	Seal-O-Ring
20	58-6320	2	Wiper-Seal
21	99-3528	1	Plunger
22	58-6770	1	Plunger-Detent
23	58-6760	1	Spring
31	99-3530	1	Kit-Seal (Incl. Ref. No.1, 12-13, 20, 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 Lift Arm Assembly

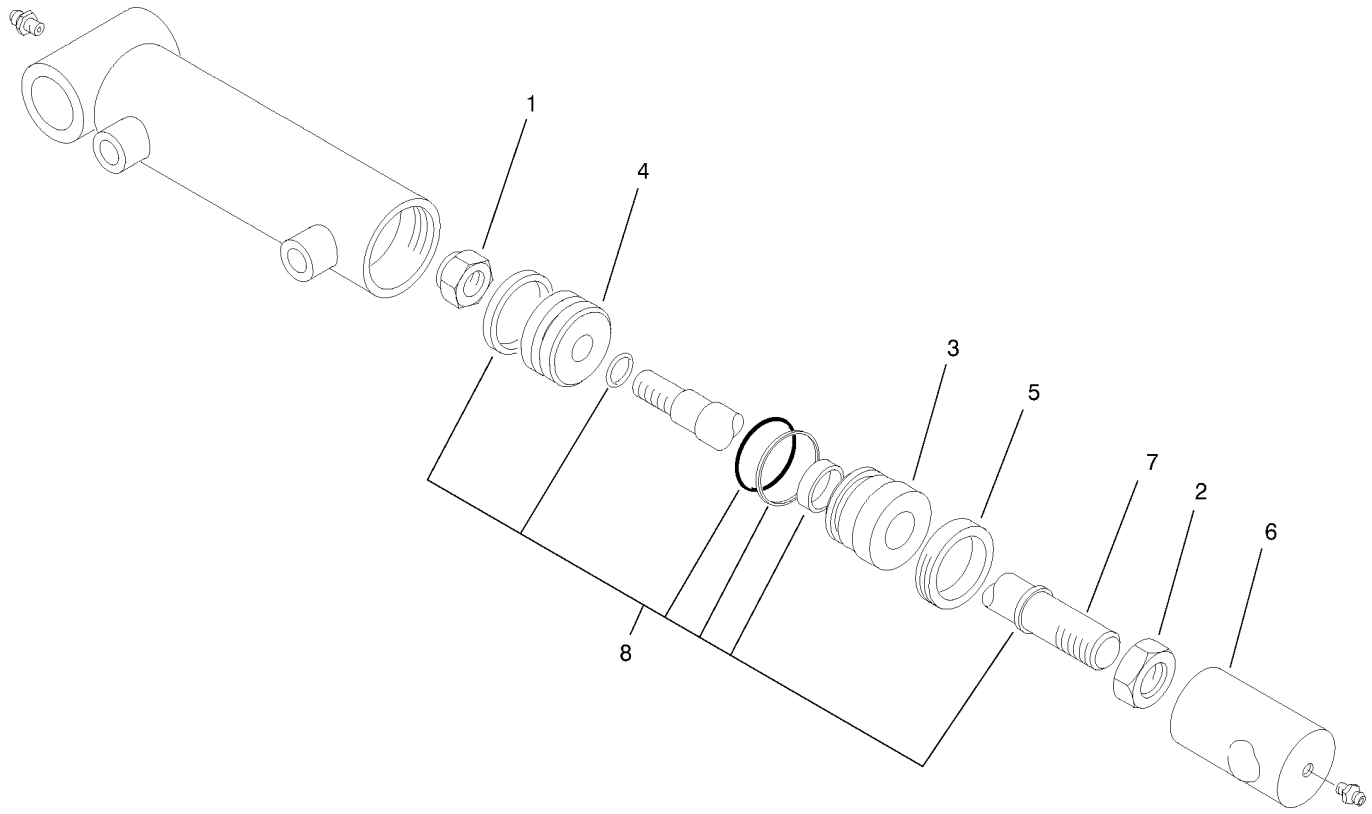
Ref	Part No.	Qty.	Description
1	95-8984	1	Tube Assembly
2	340-70	5	Locknut-Bulkhead
3	340-68	2	Fitting-Tee, Bulkhead
3:1	237-22	3	O-Ring
4	95-8831	1	Hose Assembly
5	340-77	2	Fitting-HYD., 90Ø
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	95-8823	1	Hose Assembly (Model No. 03201)
7	95-8983	1	Tube Assembly
8	340-154	1	Fitting-Hydraulic, 90No. (Incl. Ref. No.26)
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
12	95-8820	1	Hose Assembly (Model No. 03201)
13	340-127	3	Nut-Bulkhead
14	93-9151	1	Fitting-HYD
14:1	237-30	2	O-Ring
15	95-8824	1	Hose Assembly (Model No. 03201)

Ref	Part No.	Qty.	Description
16	95-8825	1	Hose Assembly (Model No. 03201)
17	95-8980	1	Tube Assembly
18	95-8981	1	Tube Assembly
19	95-8982	1	Tube Assembly
20	93-2509	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	95-8985	1	Lift Arm Assembly (Incl. Ref. No.59)
28	3234-27	1	Screw-Flange
29	75-7730	1	Washer-Thrust
30	302-5	1	Fitting-Grease
31	104-1392	1	Shaft-C.U., Pivot
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



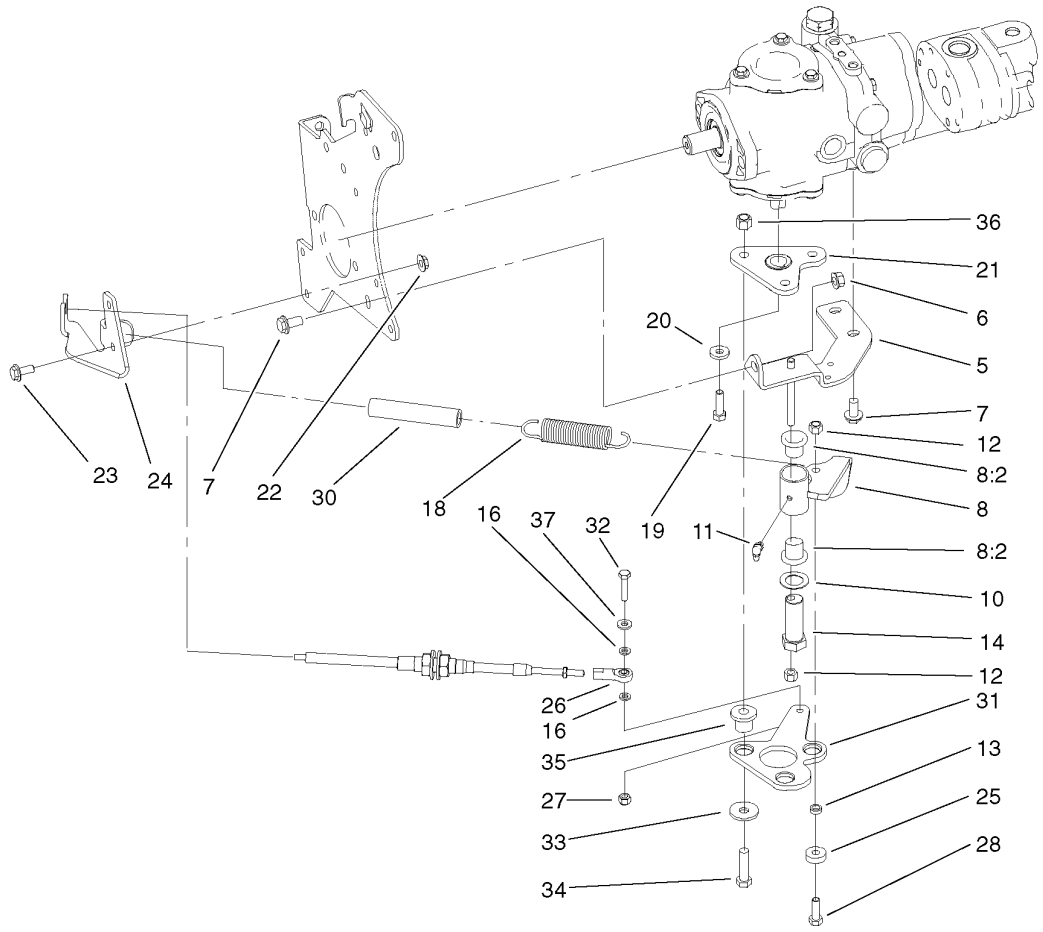
Rear Lift Arm Assembly (continued)

Ref	Part No.	Qty.	Description
38	3229-1	2	Screw-CARR
39	3217-5	2	Hex. Nut
41	3253-3	2	Washer-Lock
42	95-8591-03	1	Guard
43	322-12	2	Screw-Hex HD. Cap
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
48	63-0070	1	Spacer
❷99	3290-379	1	Tie-Cable
❷99	3334-945	1	Tie-Cable



Hydraulic Cylinder Assembly No. 95-8978

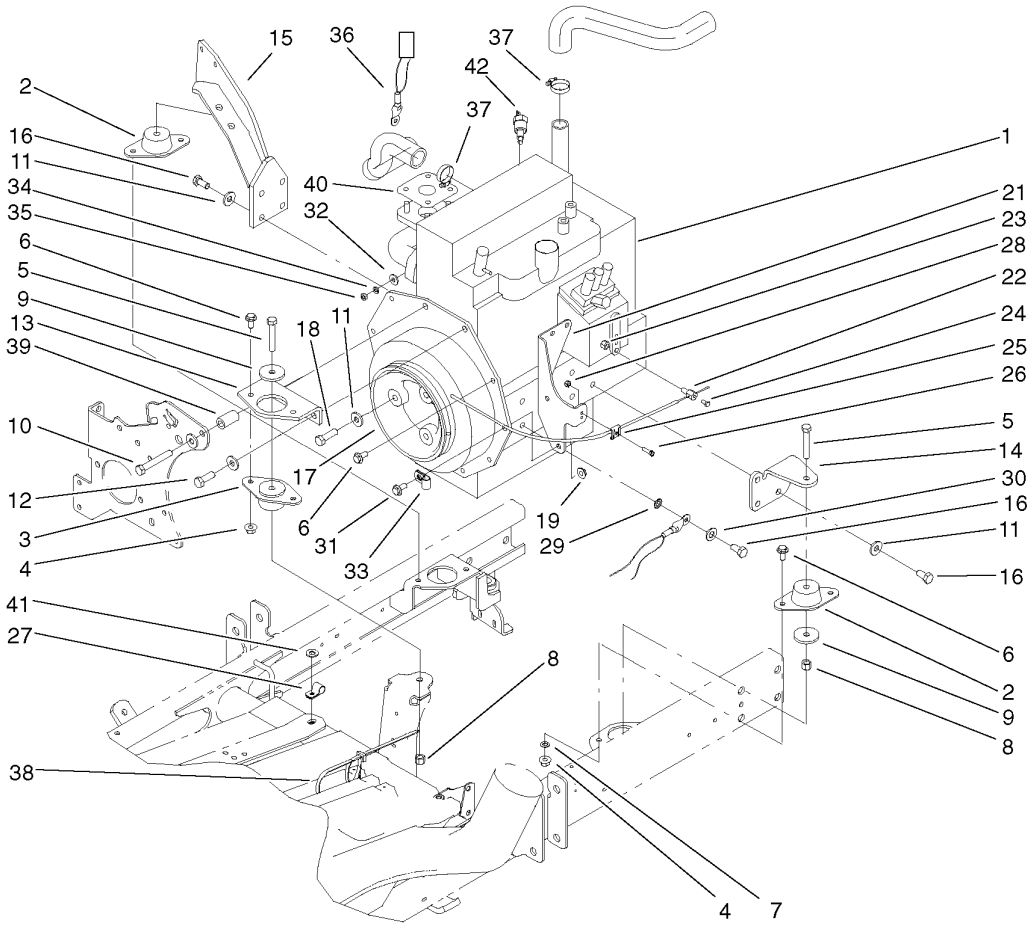
Ref	Part No.	Qty.	Description
1	32152-10	1	Nut-Lock
2	3220-6	1	Nut-Jam
3	65-4860	1	Head
4	52-1990	1	Piston-Cylinder, Hydraulic
5	99-3532	1	Collar-Internal
6	99-3533	1	Clevis
7	99-3534	1	Shaft
8	83-7240	1	Kit-Seal Repair (Incl. Ref. No.4, 6-9 And 12)



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	99-3553-03	1	Bracket-Cable, Support
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

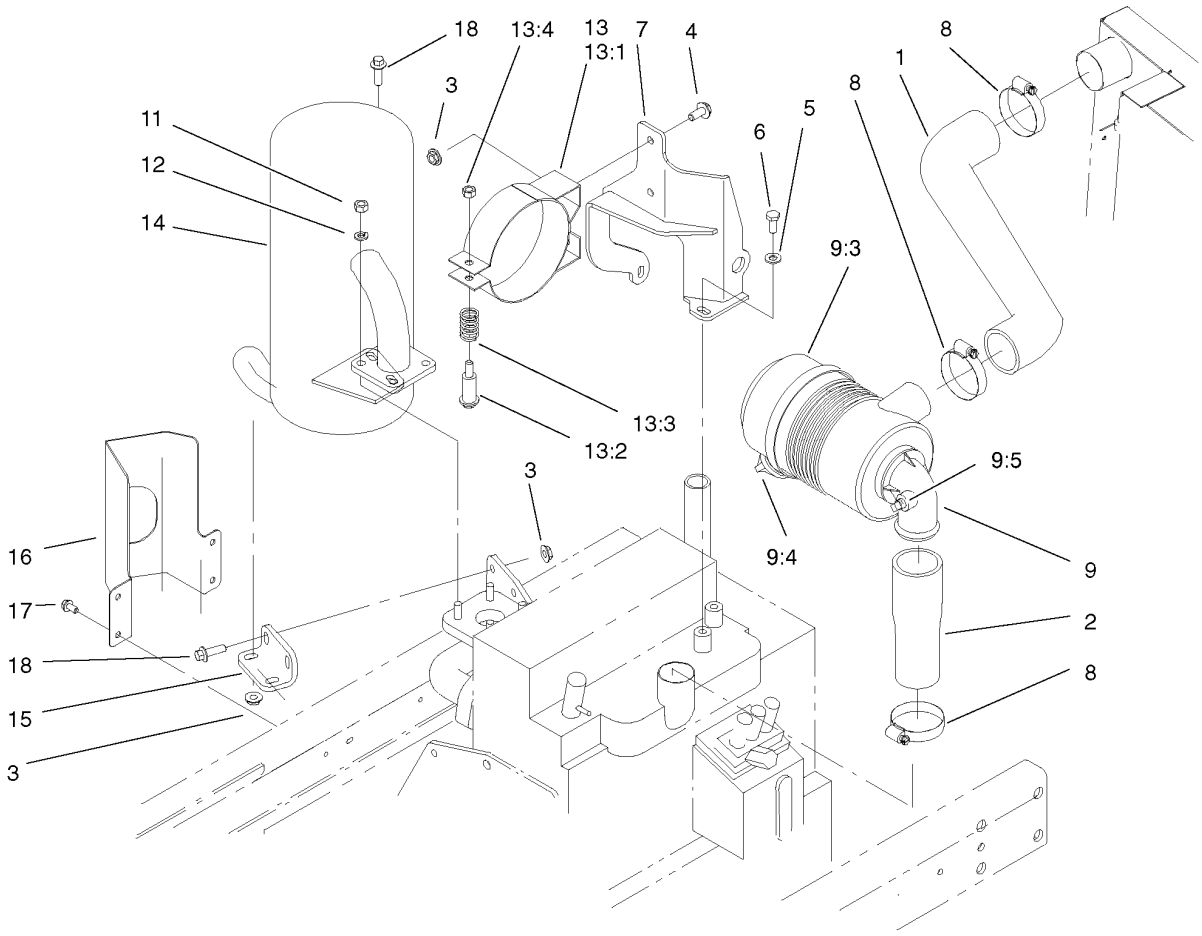
Ref	Part No.	Qty.	Description
32	321-8	1	Screw-Cap Hex. HD.
33	2844	3	Washer-Flat
34	95-3857	3	Screw-Head, Button
35	63-9750	3	Mount-Isolation
36	3296-39	3	Nut-Lock, NI
37	3256-22	1	Washer-Flat



Engine Assembly

Ref	Part No.	Qty.	Description
1	95-8912	1	Engine-Kubota D1105
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	7	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	12	Washer-Hardened
12	95-8812	1	Screw-Hhc M10 X 30
13	95-8926-03	1	Mount-Engine, Front
14	95-8937-03	1	Mount-Engine, LH
15	95-8919-03	1	Mount Assembly-Engine
16	63-7790	8	Screw
17	99-3412-03	1	Pulley
18	56-2140	3	Bolt (M10 X 1.25 X 35)
19	32128-44	2	Nut-Flange
21	99-3354-03	1	Support-Throttle, Filter
22	98-9311	1	Swivel-Throttle
23	3296-20	1	Nut
24	25-8640	1	Screw-Machine, HH
25	81-1690	1	Clamp-Cable

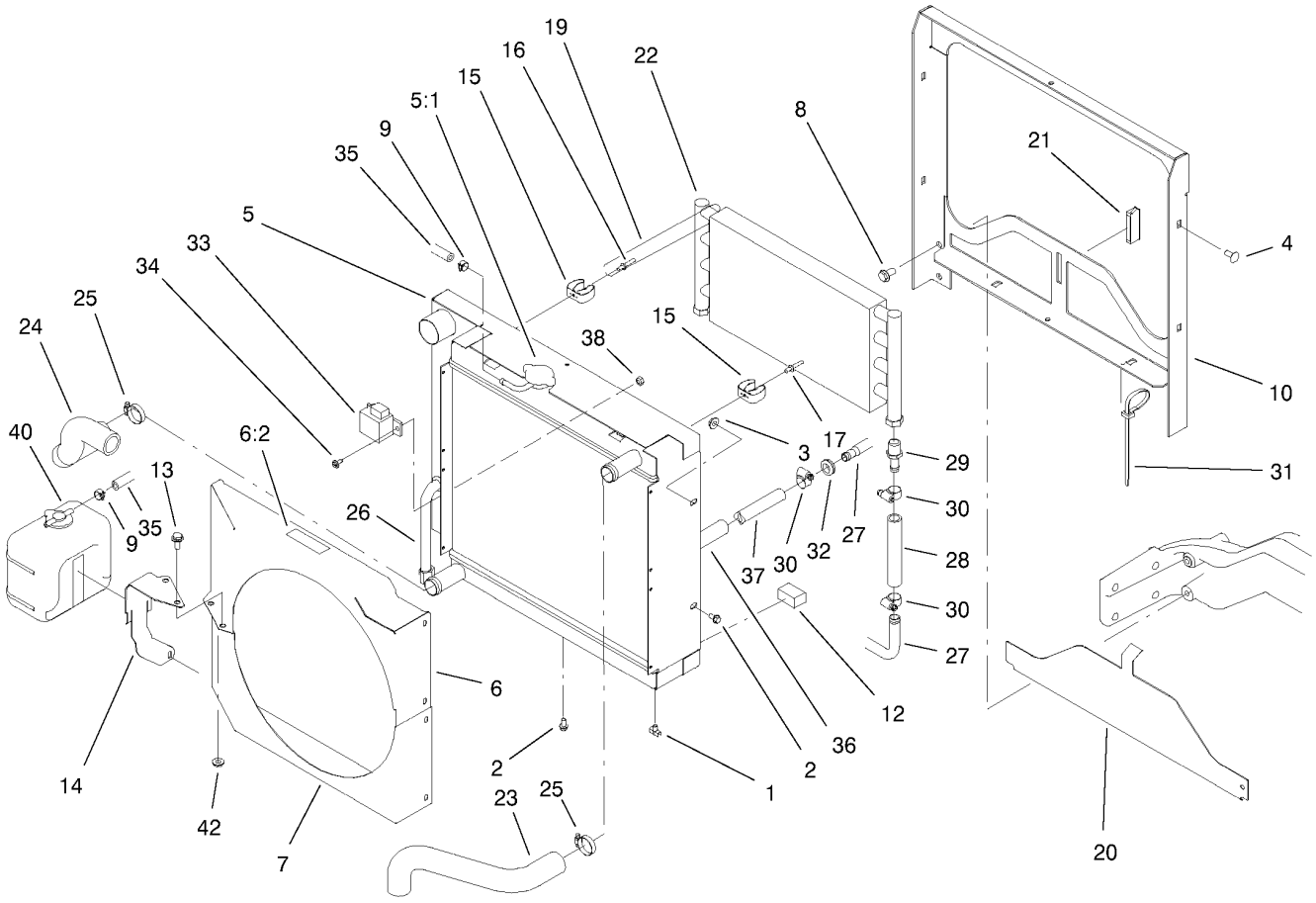
Ref	Part No.	Qty.	Description
26	32105-13	1	Hex Washer HD. Screw
27	2412-112	1	Clamp
28	3296-2	1	Nut
29	3255-9	1	Washer-Lock
30	3256-25	1	Washer-Flat
31	3234-17	1	Screw-HHF
32	3256-78	1	Washer-Flat
33	2412-10	1	Clamp-Hose
34	43-5930	1	Washer-Lock
35	48-7890	1	Nut
36	99-3441	1	Harness-Wire
37	2412-34	2	Clamp-Hose
38	3290-378	1	Cable Tie
39	95-8736	1	Spacer
40	98-9611	1	Gasket-F/W
41	3256-24	1	Washer-Flat
42	99-3582	1	Thermo-Switch



Air Cleaner and Muffler Assembly

Ref	Part No.	Qty.	Description
1	95-8946	1	Hose-Air Inlet, Upper
2	95-8947	1	Hose-Air Inlet, Lower
3	32128-44	6	Nut-Flange
4	3234-5	3	Screw-Hex. HD. Flange
5	3256-23	2	Washer-Flat
6	33114-016	2	Screw-HH
7	99-3355-03	1	Bracket Assembly-Air Filter
8	2412-92	4	Clamp-Hose
9	93-2190	1	Air Cleaner ASM
9:2	93-2195	1	Filter
9:3	94-3652	1	Cover ASM
9:4	94-1414	1	Valve-Vacuator
9:5	285-17	1	Plug-Pipe
11	33014-00	4	Nut-Hex
12	42-9850	4	Washer-Lock, Spring
13	93-2191	1	Mounting Band Assembly (Incl. Ref. No.21-23)
❸13:1		1	Clamp ASM
13:2	94-3653	1	Bolt
13:3	94-3654	1	Spring-Compression
13:4	48-9510	1	Nut
14	104-4834	1	Muffler
15	95-8943-03	1	Bracket-Muffler
16	99-3425-03	1	Guard-Exhaust (Europe)

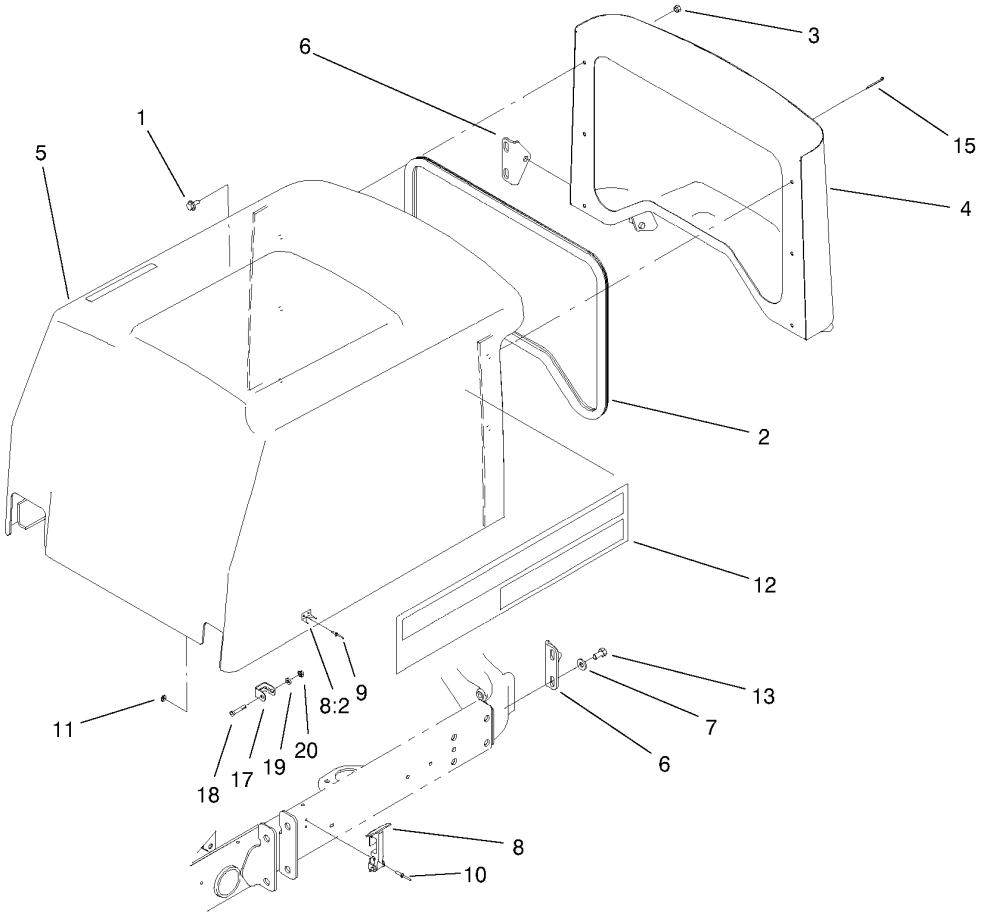
Ref	Part No.	Qty.	Description
17	32144-4	4	Screw-Hex HD. Thr-D Forming
18	3234-17	3	Screw-HHF



Radiator Assembly

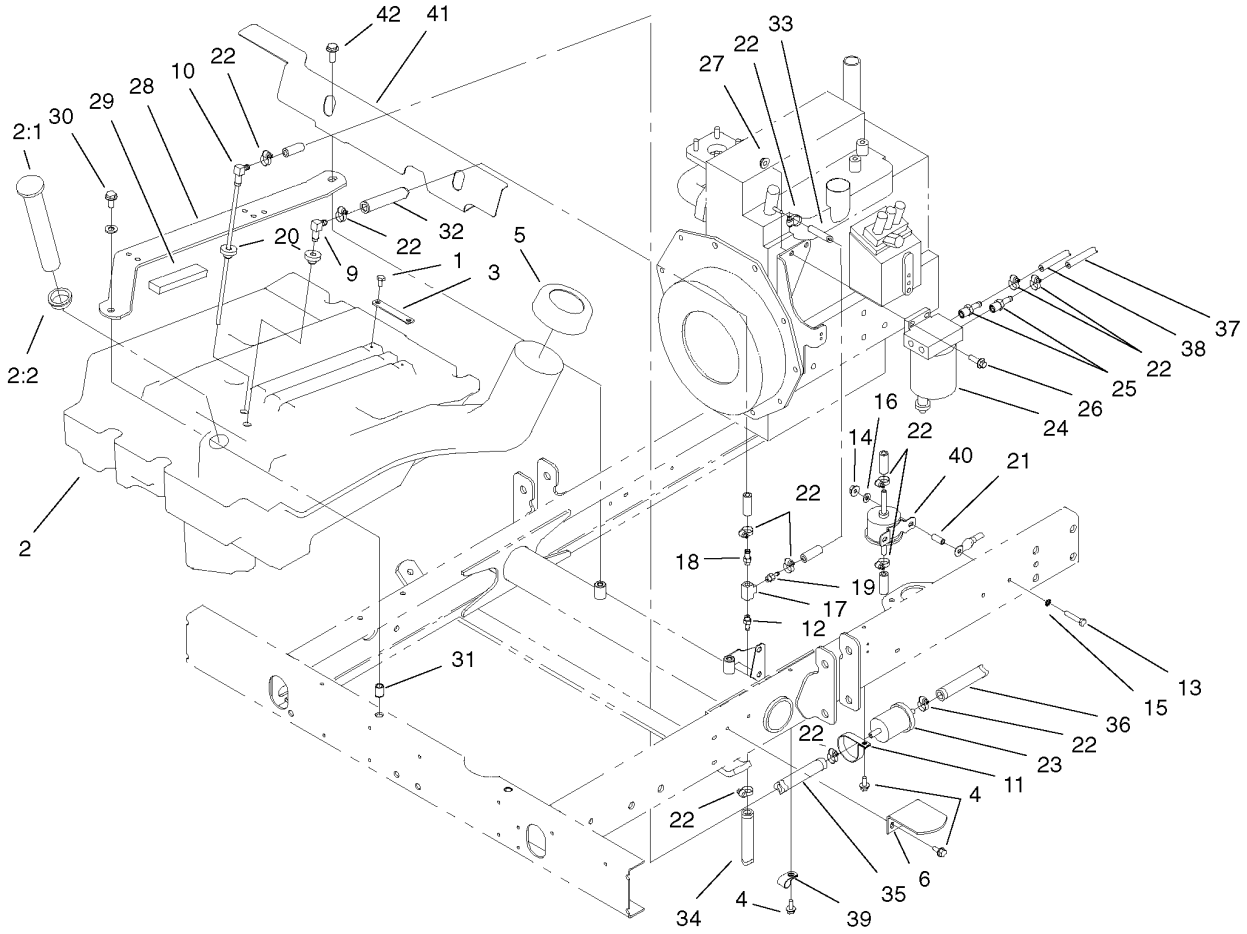
Ref	Part No.	Qty.	Description
1	304-46	1	Drain Cock
2	32104-116	11	Screw-Flange Hex. HD.
3	32128-44	4	Nut-Flange
4	3230-1	4	Bolt-Carriage
5	95-8934	1	Radiator (Incl. Ref. No.41)
5:1	93-5957	1	Cap-Radiator
6	99-3580	1	Shroud-Fan, Top (Incl. Ref. No.42)
6:2	93-6681	1	Decal-Warning, Fan
7	99-3360-03	1	Shroud-Fan
8	3234-1	4	Screw-HHF
9	92-2379	2	Clamp-Hose
10	100-4903-03	1	Frame Assembly-Radiator
12	95-8962	2	Seal-Radiator
13	3234-5	2	Screw-Hex. HD. Flange
14	95-8879-03	1	Bracket-Reservoir
15	95-8939	2	Spring-Clip
16	3269-22	1	Rivet-Pop
17	3269-23	1	Rivet-Pop
19	99-3390	1	Lanyard
20	95-8702-03	1	Frame-Screen, Lower
21	99-3497	1	Catch-Magnetic
22	75-1040	1	Cooler-Oil
23	95-8944	1	Hose-Radiator, Upper

Ref	Part No.	Qty.	Description
24	95-8945	1	Hose-Radiator, Lower
25	2412-34	2	Clamp-Hose
26	95-8704	1	Tube Assembly
27	95-8705	1	Tube-Hydraulic
28	95-8706	2	Hose-Hydraulic
29	95-8710	2	Fitting-Barb
30	2412-36	5	Clamp
31	3290-378	2	Cable Tie
32	99-3481	2	Grommet
33	66-8800	1	Relay
34	32105-13	2	Hex Washer HD. Screw
35	63-9640	1	Hose-Fuel
36	56-7985	1	Sleeve
37	99-3500	1	Hose
38	3296-2	2	Nut
40	104-9318	1	Bottle-Overflow, Water
42	32128-20	2	Nut-Flange
❷99	3290-379	1	Tie-Cable



Hood Assembly

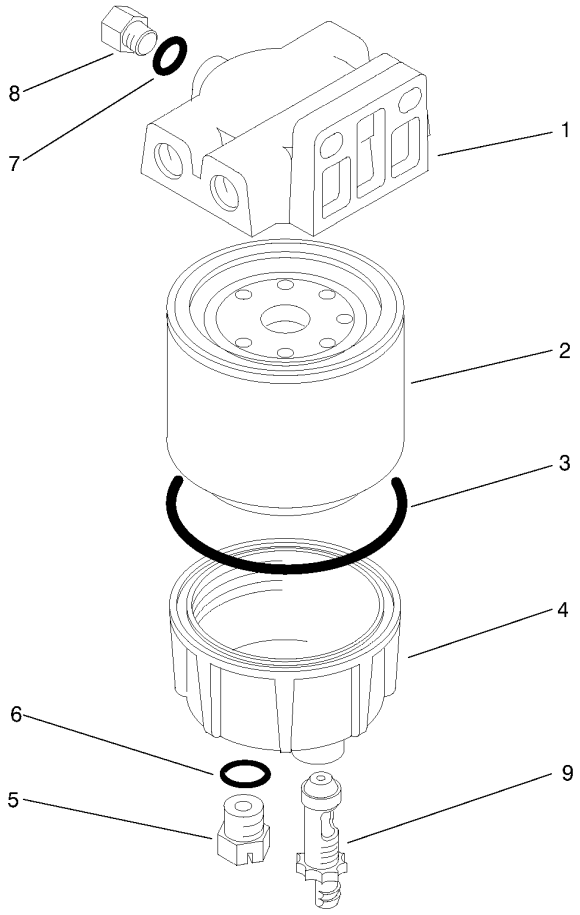
Ref	Part No.	Qty.	Description
1	3234-4	6	Screw-Sq. HD. Set
2	95-8809	1	Trim-Seal
3	3296-42	6	Nut-Lock
4	95-8724-03	1	Screen Assembly-Hood
5	95-8935	1	Hood Assembly
6	95-8728	2	Bracket-Hood Pivot
7	3256-24	4	Washer-Flat
8	59-9740	2	Latch Assembly
8:2	249-40	1	Keeper-Reverse
9	98-7310	4	Rivet
10	3290-55	4	Rivet
11	3269-10	4	Washer-Backup
12	99-3387	2	Decal
13	323-6	4	Screw-HH
15	3290-467	1	Pin-Hair
17	99-3568	1	Bracket-Hood Lock (Europe)
18	321-9	1	Screw-Hex HD. Cap
19	3256-22	1	Washer-Flat
20	3296-42	1	Nut-Lock



Fuel Tank Assembly

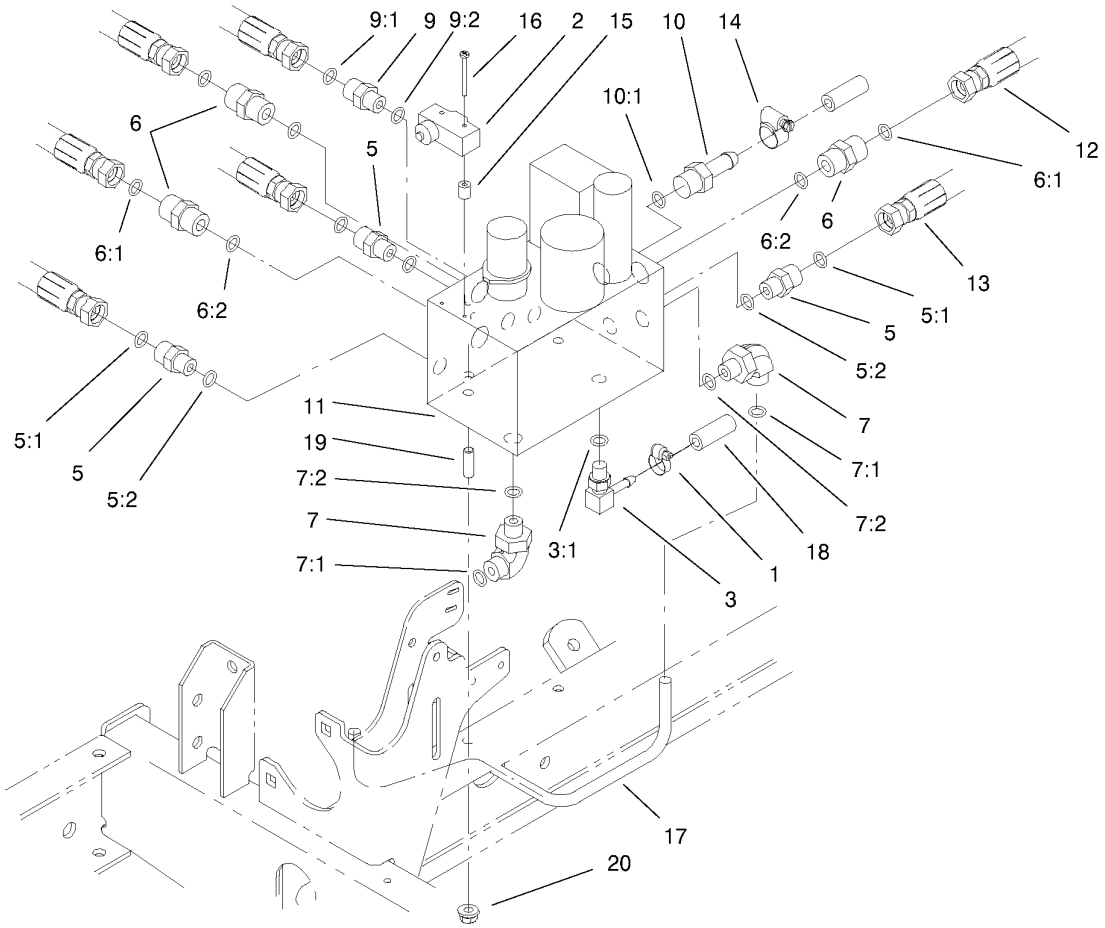
Ref	Part No.	Qty.	Description
1	321-2	2	Screw-HH
2	95-8620	1	Tank-Fuel (Incl. Ref. No.7 And 8)
2:1	95-8971	1	Fuel-Gauge
2:2	95-8972	1	Grommet
3	95-8881	1	Strap-Fuel Line
4	32144-10	4	Screw
5	95-4193	1	Diesel Gas Cap ASM
6	95-8968-03	1	Support-Fuel Tank
9	46-6550	1	Fitting-Fuel 90Ø
10	66-8121	1	Standpipe
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
24	98-9305	1	Filter-Water/Fuel

Ref	Part No.	Qty.	Description
25	353-783	2	Fitting-Pump
26	3234-17	2	Screw-HHF
27	32128-44	2	Nut-Flange
28	104-4847-03	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	104-4848	1	Hose-Fuel
37	63-9640	1	Hose-Fuel
38	99-3554	1	Hose
39	2412-73	1	"r"clamp
40	99-3464	1	Pump-Fuel
41	104-4833-03	1	Shield-Heat
❷99	3290-379	2	Tie-Cable



Water / Fuel Filter Assembly No. 98-9305

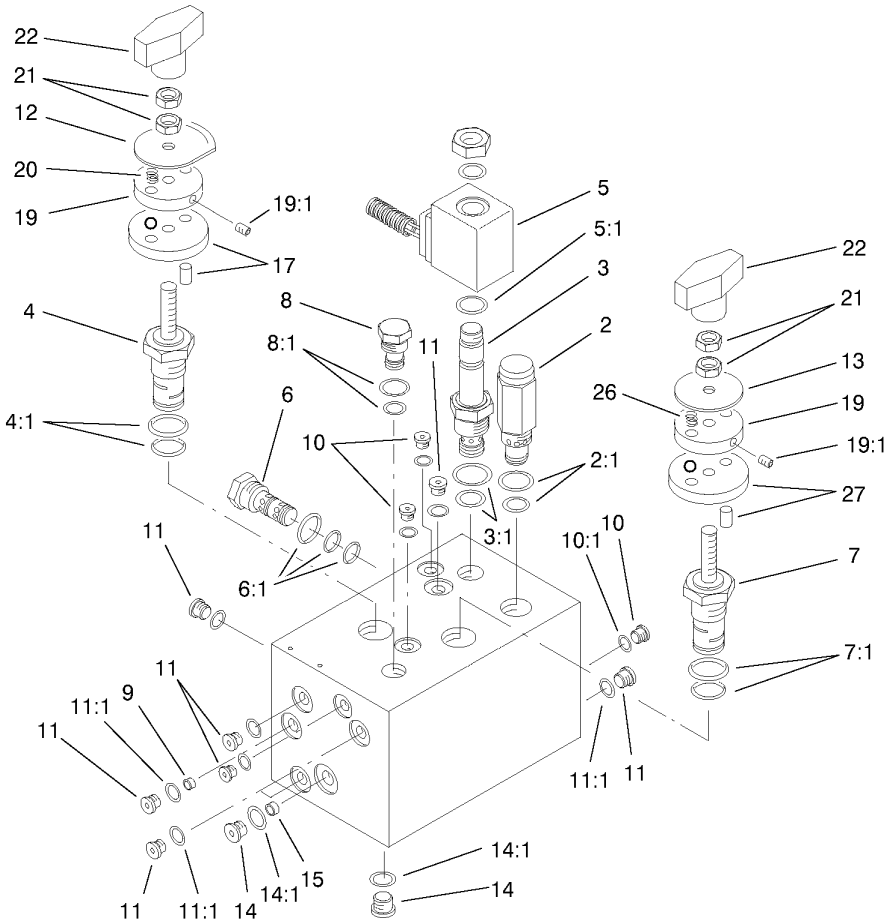
Ref	Part No.	Qty.	Description
1	98-9772	1	Head-Filter
2	98-9764	1	Element-On, Spin
3	98-9774	1	O-Ring-Base, Filter
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	"o"ring
8	98-9776	1	Plug-Filter, Head
9	98-9777	1	Drain Valve ASM



Manifold Block Assembly

Ref	Part No.	Qty.	Description
1	2412-36	1	Clamp
2	29-6162	1	Micro Switch
3	100-4887	1	Fitting-Barb
3:1	237-42	1	O-Ring
5	340-2	2	Adapter
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-4	3	Fitting-Hydro.
6:1	237-30	1	O-Ring
6:2	237-79	1	"o"ring
7	340-77	2	Fitting-HYD., 90Ø
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
8	340-87	1	Fitting-Hydraulic, 45 DEG
8:1	237-22	1	O-Ring
8:2	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	354-121	1	Fitting-Hydraulic, Straight
10:1	237-79	1	"o"ring
11	104-4841	1	Manifold-HYD
12	95-8829	1	Hose Assembly

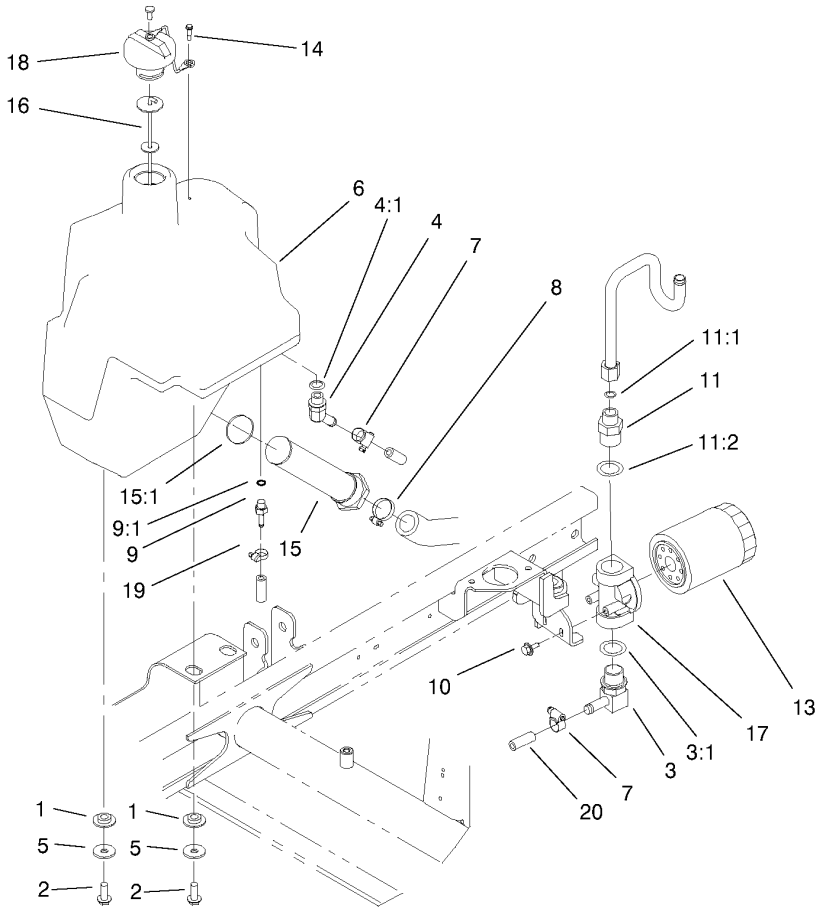
Ref	Part No.	Qty.	Description
13	95-8830	1	Hose Assembly
14	2412-36	1	Clamp
15	95-8762	2	Spacer
16	3250-46	2	Screw
17	95-8792	1	Tube Assembly
18	104-4846	1	Hose
19	104-0430	2	Stud
20	32128-20	2	Nut-Flange



Hydraulic Manifold Assembly No. 104-4841

Ref	Part No.	Qty.	Description
2	94-3655	1	Assembly-Cartridge Valve (Incl. Ref. No.25)
2:1	75-2080	1	Kit-Seal (Incl. Ref. No.2 And 3)
3	93-7494	1	Cartridge-No, Poppet (Incl. Ref. No.2, 3, 11 And 16)
3:1	75-2080	1	Kit-Seal (Incl. Ref. No.2 And 3)
4	94-3657	1	Spool ASM
4:1	94-3661	1	Kit-Seal, 4-Way
5	83-2010	1	Coil-Valve
5:1	94-5438	2	O-Ring
6	69-4120	1	Logic Cartridge
6:1	69-4240	1	Kit-Seal (Incl. Ref. No.22-24)
7	94-3659	1	Assembly-Spool (Incl. Ref. No.25)
7:1	75-2080	1	Kit-Seal (Incl. Ref. No.2 And 3)
8	99-3542	1	Cartridge-Cavity Plug (Incl. Ref. No.32)
8:1	69-4240	1	Kit-Seal (Incl. Ref. No.22-24)
9	95-5999	2	Plug-Orifice
10	353-991	4	Plug (Incl. Ref. No.19)
10:1	237-156	1	O-Ring
11	353-990	12	Plug (Incl. Ref. No.54)
11:1	237-78	1	"o"ring
12	99-3543	1	Plate-Indicator
13	94-5026	1	Plate-Indicator
14	353-989	3	Plug (Incl. Ref. No.15)

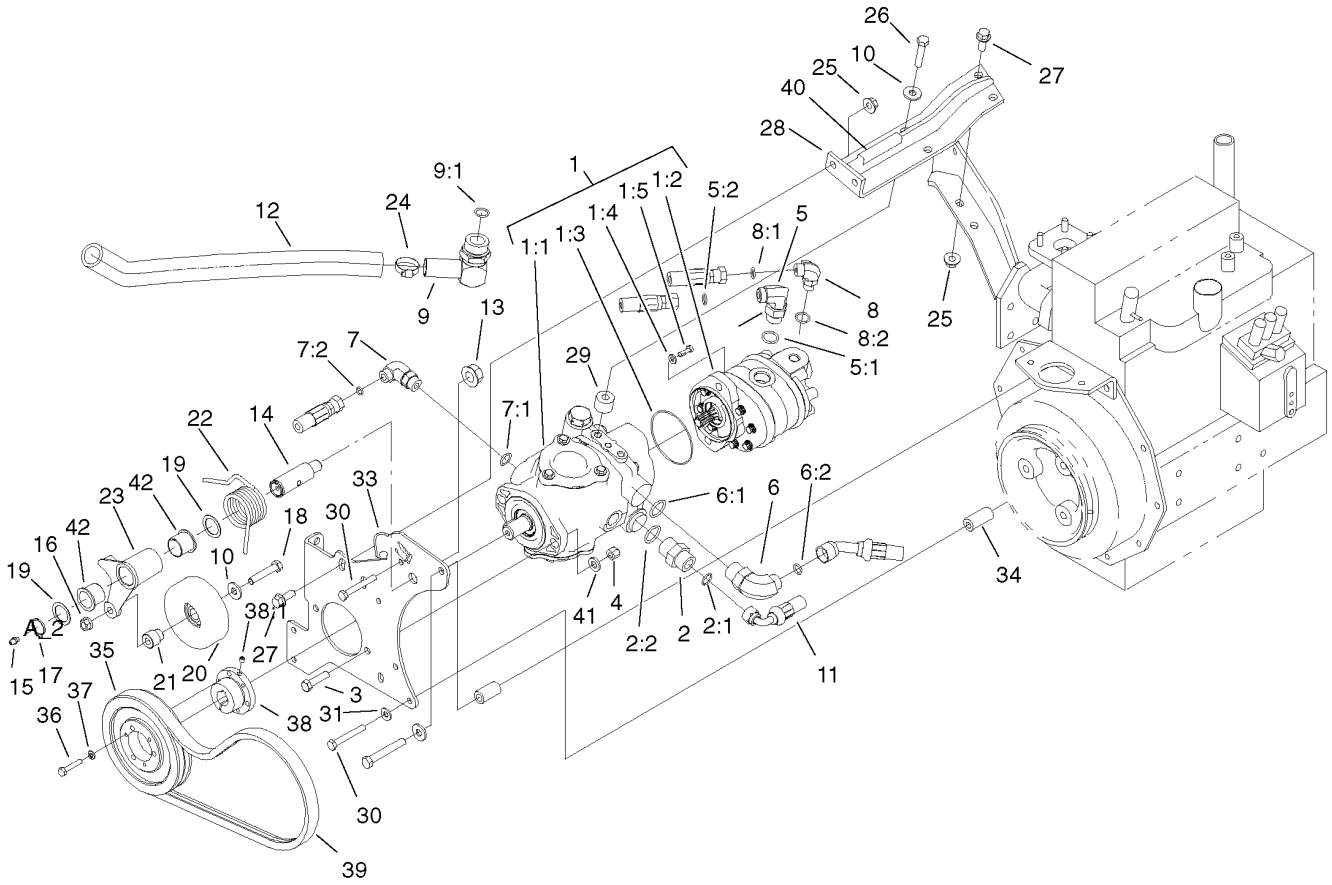
Ref	Part No.	Qty.	Description
14:1	237-42	1	O-Ring
15	99-3544	1	Plug
17	94-5021	1	Plate-Locating
19	94-5023	2	Plate-Detent
19:1	3245-36	1	Screw-HSH
20	94-5024	2	Spring-Compression
21	3218-1	4	Nut-Jam
22	94-5020	2	Knob ASM
26	94-5027	2	Spring
27	94-5025	1	Plate-Locating



Hydraulic Tank Assembly

Ref	Part No.	Qty.	Description
1	240-11	4	Grommet-Mount, Tank
2	3234-11	4	Screw-HHF
3	95-8814	1	Fitting-Barb (Incl. Ref. No.22)
3:1	237-81	1	O-Ring
4	354-126	1	Fitting-HYD, 45Ø
4:1	237-79	1	"o"ring
5	63-8410	4	Washer-Lock
6	104-4840	1	Tank-Hydraulic
7	2412-36	2	Clamp
8	2412-34	1	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	340-8	1	Fitting-Adapter (Incl. Ref. No.5 And 13)
11:1	237-65	1	O-Ring
11:2	237-81	1	O-Ring
13	54-0110	1	Filter-Transmission Oil
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

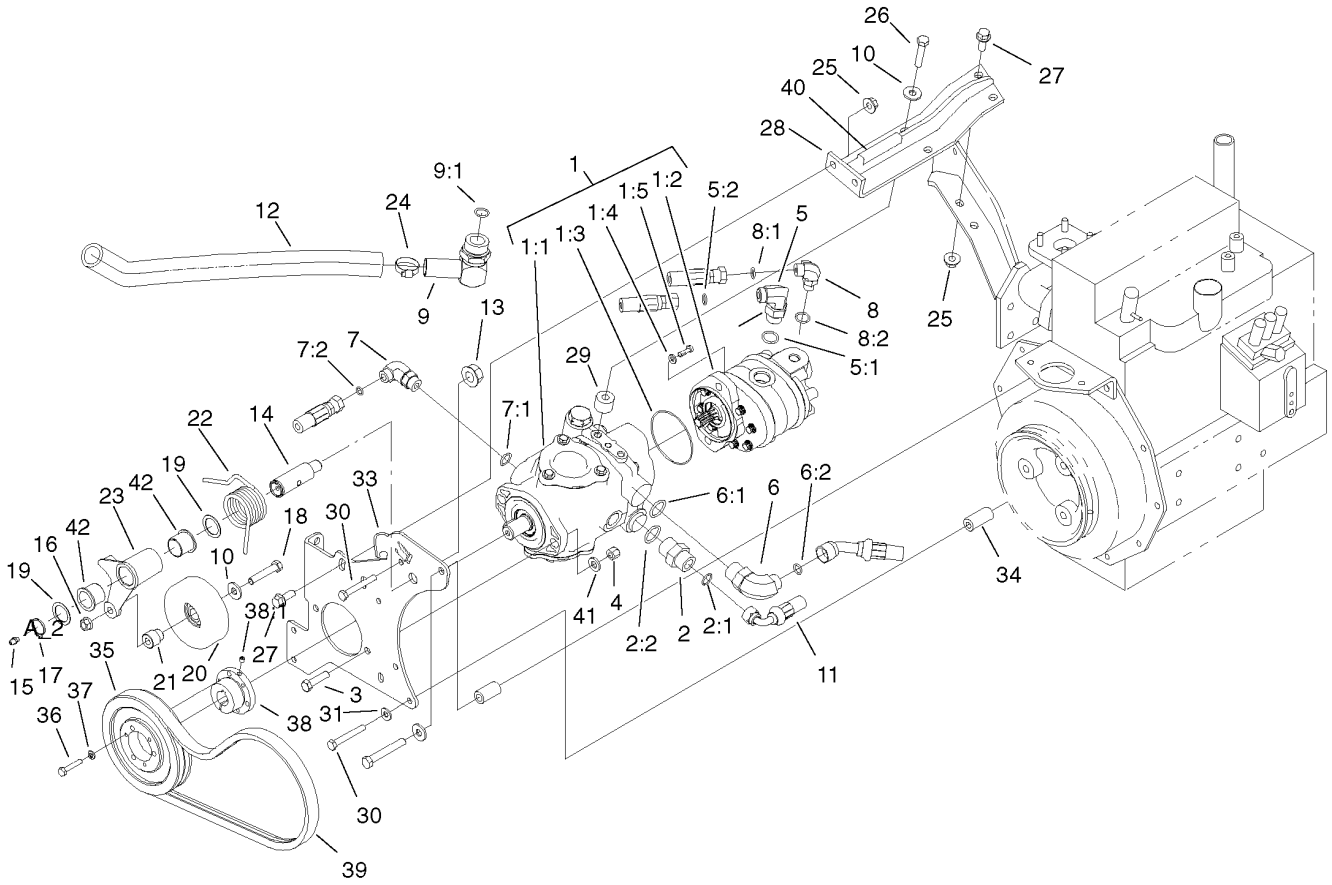
Ref	Part No.	Qty.	Description
19	2412-36	1	Clamp
20	99-3501	1	Hose



Hydrostat Assembly

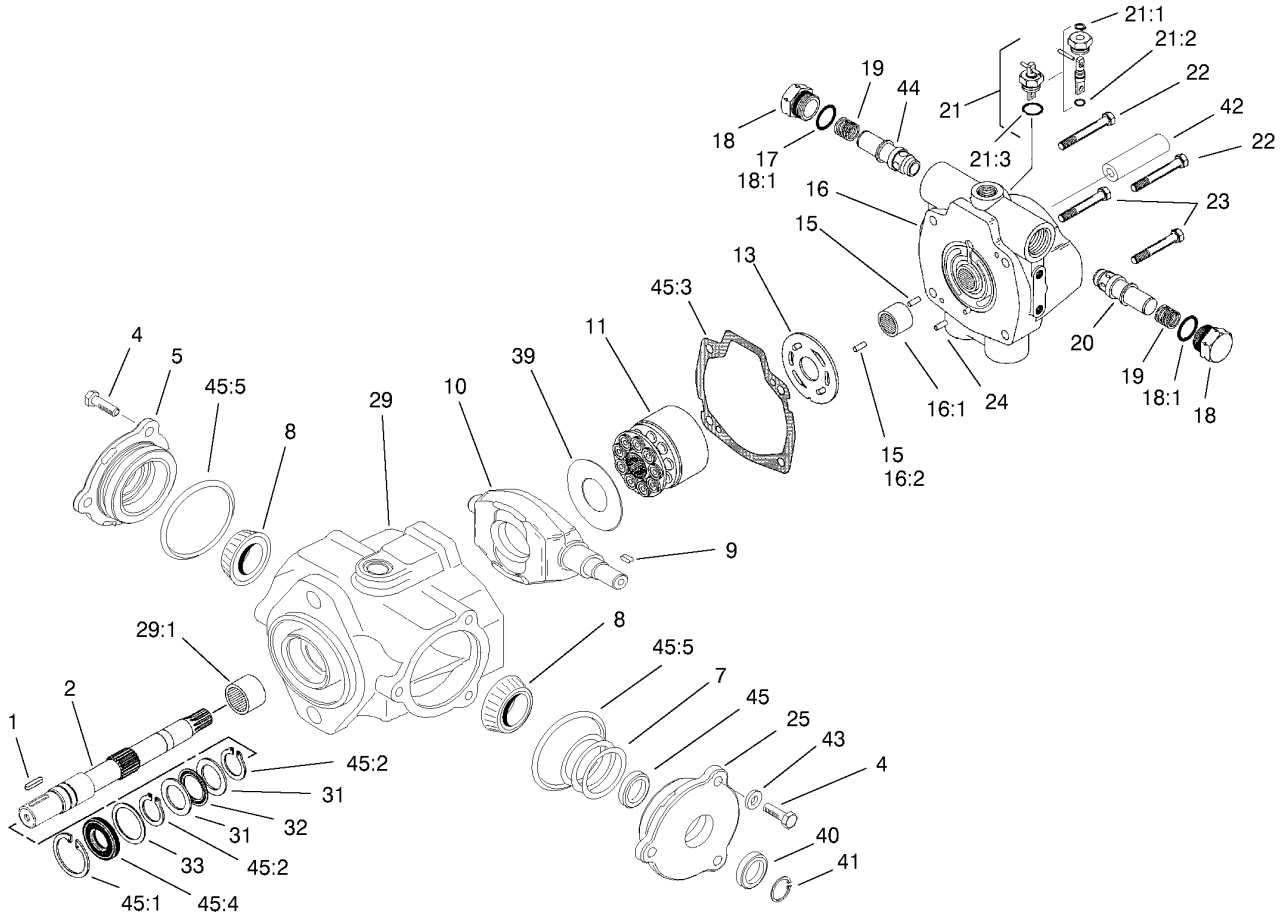
Ref	Part No.	Qty.	Description
❸1		1	Pump - Piston
1:1	104-4832	1	Pump-Piston
1:2	95-8601	1	Pump-Gear
1:3	60-3520	1	Seal-O-Ring
1:4	3256-24	2	Washer-Flat
1:5	3274-1	2	Screw-Cap Socket HD.
2	340-8	1	Fitting-Adapter (Incl. Ref. No.5 And 13)
2:1	237-65	1	O-Ring
2:2	237-81	1	O-Ring
3	323-8	2	Screw-HH
4	3296-39	2	Nut-Lock, NI
5	340-105	1	Fitting-HYD., 90Ø
5:1	237-80	1	O-Ring
5:2	237-30	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

Ref	Part No.	Qty.	Description
8:2	237-42	1	O-Ring
9	56-9530	1	Fitting-Hydraulic, 90No. (Incl. Ref. No.47)
9:1	237-117	1	O-Ring
10	80-6990	3	Washer-Hardened
11	105-1214	1	Hose ASM
12	104-4845	1	Hose-Suction
13	32128-54	1	Nut-Flange
14	99-3529	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	2	Washer
20	95-8802	1	Pulley-Idler
21	95-8806	1	Spacer
22	95-8917	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



Hydrostat Assembly (continued)

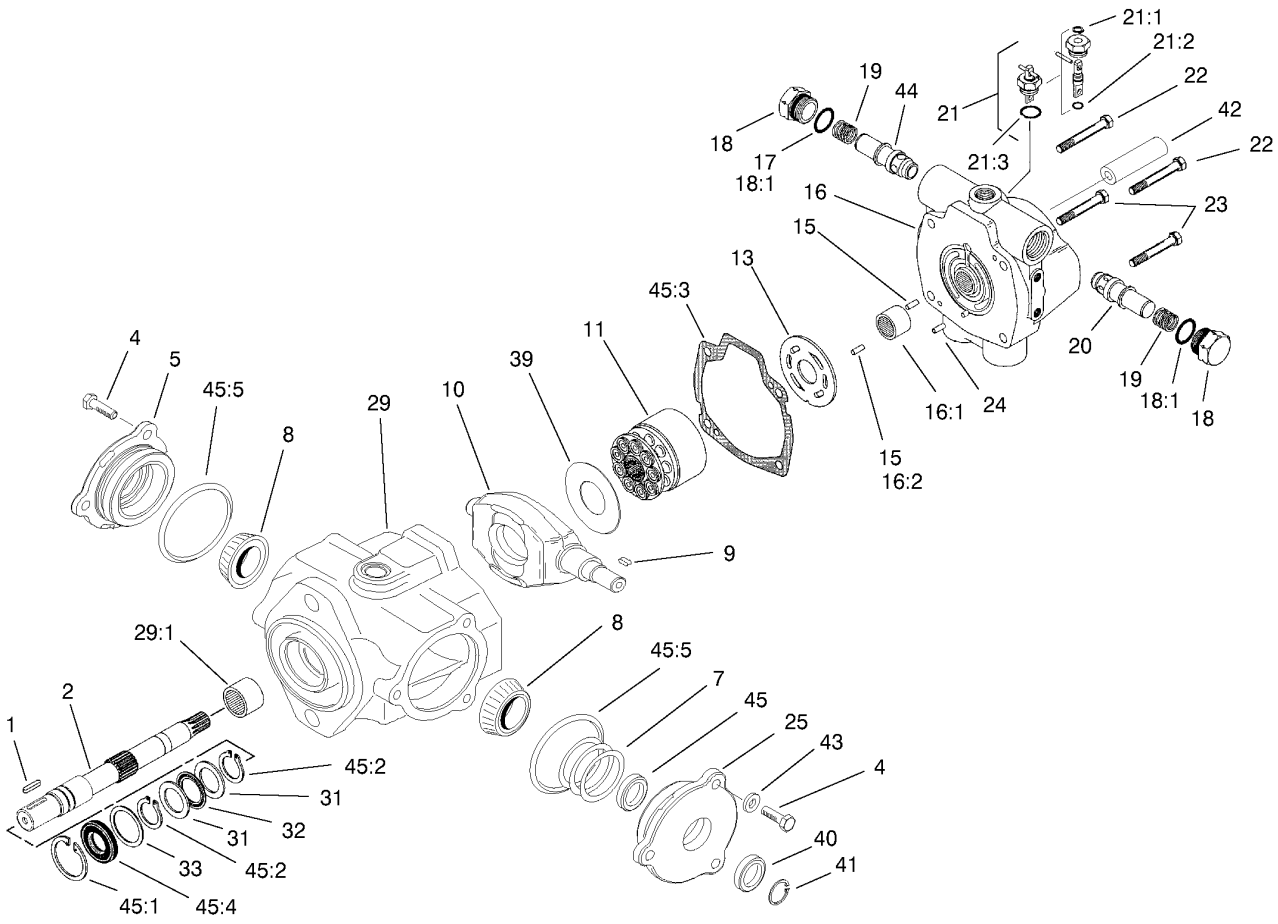
Ref	Part No.	Qty.	Description
30	33114-060	4	Screw-HH
31	87-8640	3	Washer-Flat, Hardened
33	95-8933-03	1	Plate-Pump, Mount
34	95-8941	4	Spacer-Mount, Pump
35	93-6841	1	Pulley
36	321-13	3	Screw-Hex HD. Cap
37	3253-3	3	Washer-Lock
38	93-6842	1	Bushing-Taper Lock (Incl. Ref. No.57)
38:1	3245-36	1	Screw-HSH
39	95-8730	1	V-Belt
40	70-2041	1	Trim
41	100-4852	2	Washer-Hardened
42	99-3631	2	Bushing-Flange



Piston Pump Assembly No. 104-4832

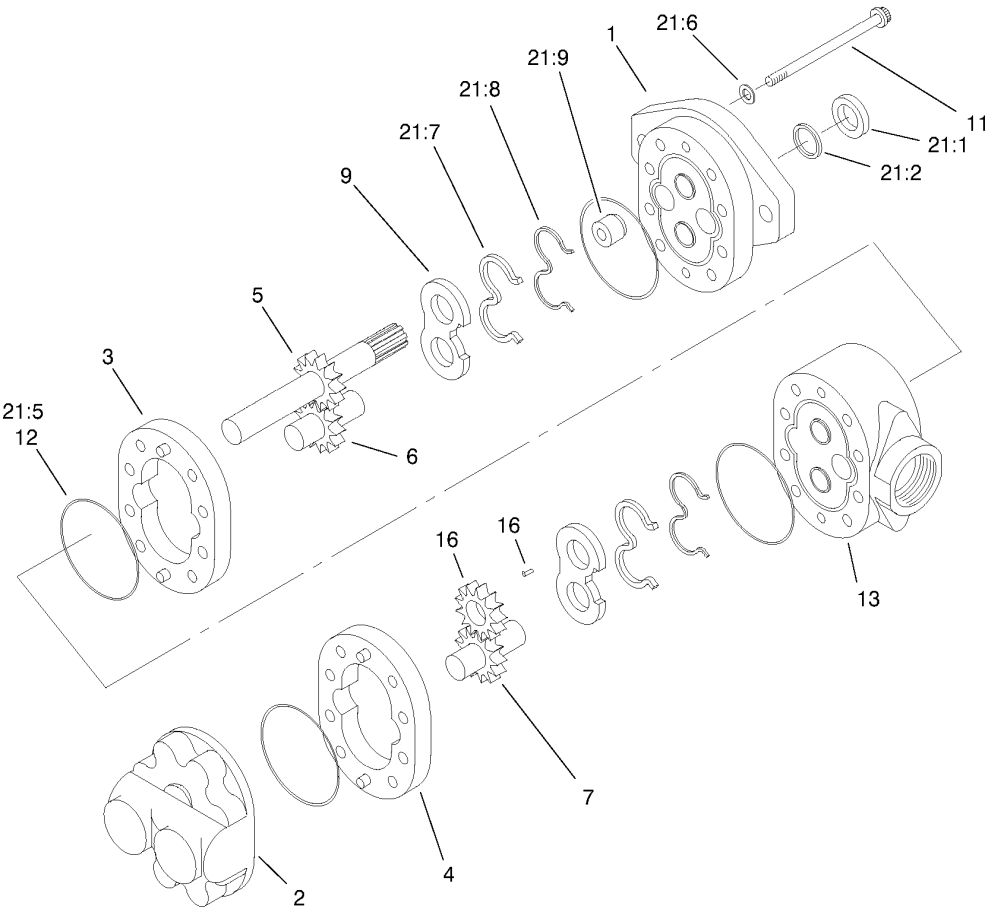
Ref	Part No.	Qty.	Description
1	94-3645	1	Key
2	94-6359	1	Shaft-Drive
4	98-4640	6	Screw-Cap
5	98-4633	1	Cover Plate Assembly
7	100-3182	1	Kit-Shim
8	98-4639	2	Bearing-Cone
9	94-3646	1	Key
10	99-3520	1	Plate-Cam
11	76-6070	1	Rotating Kit ASM
13	104-0429	1	Plate-Cam
15	76-6150	2	Pin-Dowel
16	100-3177	1	Back Plate ASM
16:1	94-6368	1	Bearing
❸16:2		1	Pin-Roll
❸17		4	O-Ring
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
❸21:1		1	Ring-Retaining
❸21:2		1	O-Ring
❸21:3		1	O-Ring
22	76-6170	2	Capscrew

Ref	Part No.	Qty.	Description
23	76-6160	2	Capscrew
❸24		1	Pin-Roll
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
32	252-66	1	Bearing-Thrust
33	33-3720	1	Washer
39	98-4635	1	Insert-Plate, Cam
❸40		1	Seal-Shaft
❸41		1	Ring-Retaining
42	74-9040	1	Coupler
43	95-6055	6	Washer
44	104-4837	1	Relief Valve ASM
45	104-4868	1	Seal Repair Kit
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	104-4861	1	Seal-Shaft
45:5	100-3179	1	O-Ring
❸45:6		1	O-Ring
❸45:7		1	Ring-Retaining
❸45:8		1	O-Ring
❸45:9		1	O-Ring



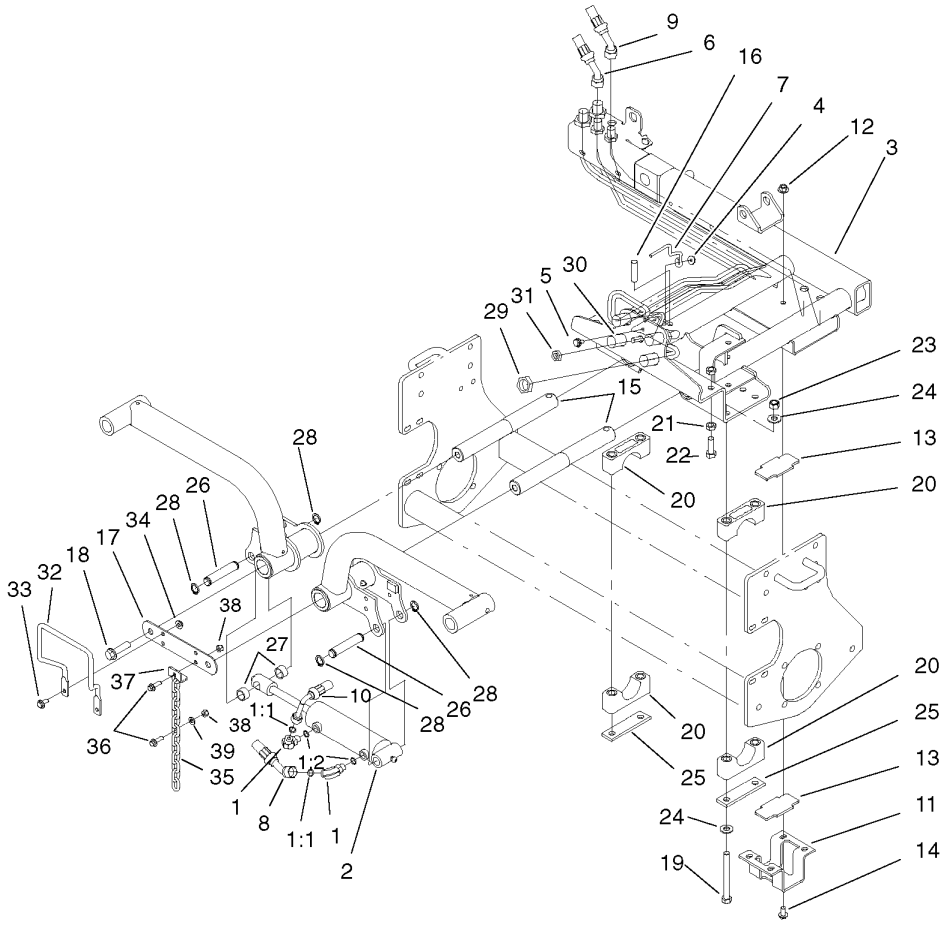
Piston Pump Assembly No. 104-4832 (continued)

Ref	Part No.	Qty.	Description
❸45:10		1	Seal-Shaft



Gear Pump Assembly No. 95-8601

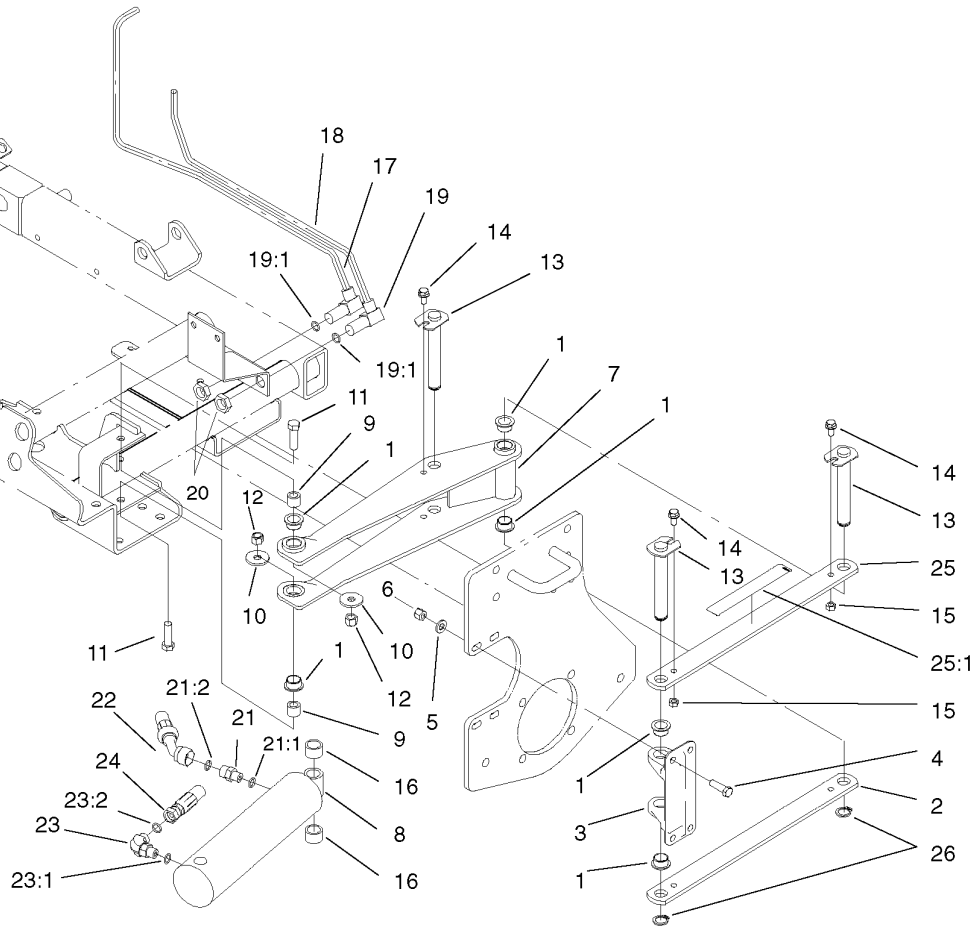
Ref	Part No.	Qty.	Description
❸1		1	Plate-Front
❸2		1	Plate-Back
❸3		1	Body
4	95-4364	1	ASM.-Body
❸5		1	Gear-Drive
❸6		1	Gear-Idler
7	95-4366	1	ASM.-Gear, Idler
9	95-4368	2	Plate-Wear
11	94-8158	8	Screw-Cap
❸12		4	O-Ring
❸13		1	Plate-Adapter
❸14		1	Key
16	95-4373	1	Gear
21	94-8161	1	Kit-Repair, Seal
21:1	49-2640	1	Seal-Shaft
21:2	60-5890	1	Washer
❸21:5		4	O-Ring
21:6	94-8160	4	Washer
21:7	95-4369	2	Seal
21:8	95-4367	2	Gasket-Backup
21:9	94-3011	1	Plug



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	100-4930-03	1	Carrier Assembly
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	99-3439	1	Hose Assembly
9	95-8821	1	Hose Assembly (Model No. 03201)
10	95-8840	1	Hose Assembly
11	95-8519-03	1	Bracket-Slide (Model No. 03201)
12	32128-43	4	Nut-Flange
13	95-8538	2	Slide-Plastic (Model No. 03200)
14	3234-1	4	Screw-HHF
15	95-8531	2	Shaft-Pivot, Liftarm
16	32121-122	2	Pin-Roll
17	95-8532-03	1	Link-Shaft, Pivot
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

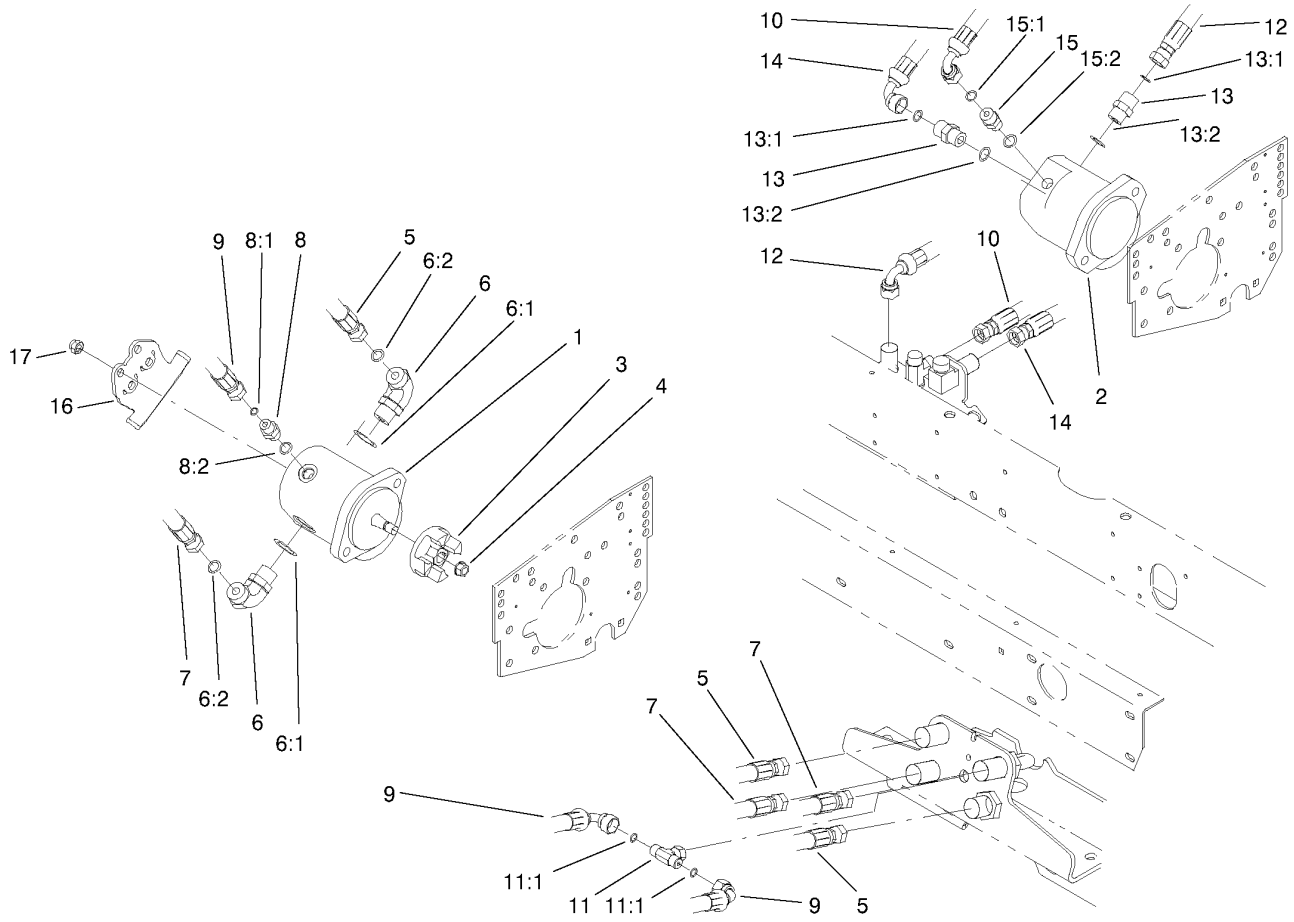
Ref	Part No.	Qty.	Description
22	325-6	2	Screw-Hex HD. Cap
23	3296-23	8	Nut-Lock
24	87-7270	16	Washer-Thrust
25	99-3373	4	Bar-Support, Slide (Model No. 03201)
26	95-8575	2	Pin
27	75-9590	2	Spacer
28	32120-93	4	Snap Ring
29	340-74	4	Locknut-Bulkhead
30	94-1319	1	Tube-Hydraulic
31	340-78	1	Nut-Bulkhead
32	99-3492	1	Rod-Hose (Model No. 03201)
33	3234-5	2	Screw-Hex. HD. Flange
34	32128-44	2	Nut-Flange
35	98-7981	2	Chain-Straight Link
36	3234-17	4	Screw-HHF
37	99-3550	2	Clip-Link
38	3296-29	4	Nut-Lock, NI
39	3256-23	2	Washer-Flat
❷99	3290-378	1	Cable Tie
❷99	3290-379	3	Tie-Cable



Scissors 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)

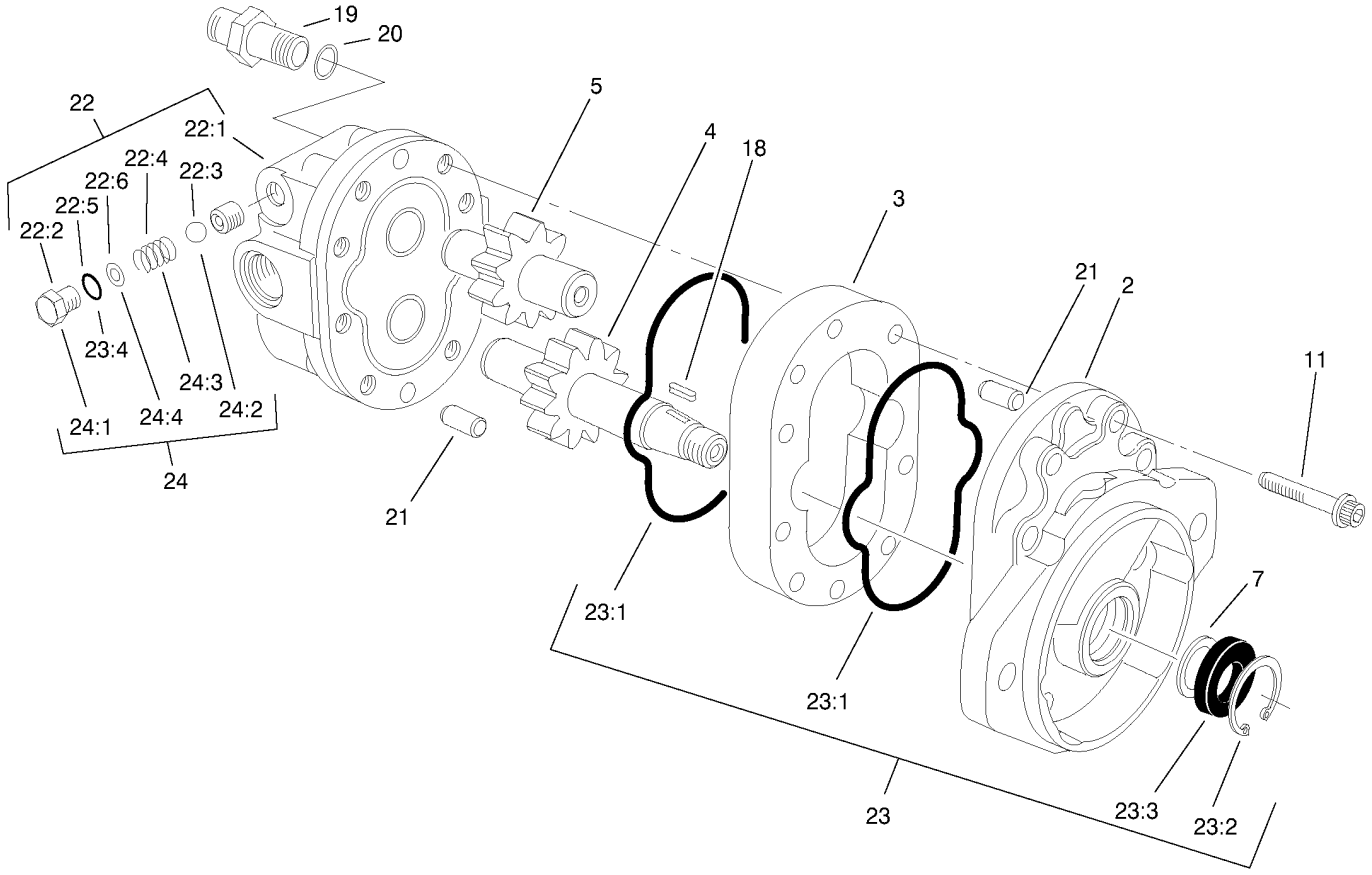
Ref	Part No.	Qty.	Description
21:1	237-78	1	"o"ring
21:2	237-21	1	O-Ring
22	95-8838	1	Hose
23	340-132	1	90 Elbow
23:1	237-78	1	"o"ring
23:2	237-21	1	O-Ring
24	95-8839	1	Hose
25	99-3505	1	Link-Scissor (Incl. Ref. No.25)
25:1	94-3353	1	Decal-Pinch Point
26	32120-93	2	Snap Ring



Reel Motor Assembly

Ref	Part No.	Qty.	Description
1	99-3627	1	Motor-Hydraulic
2	93-6975	1	Motor-Hydraulic
3	93-8823	3	Coupler-Reel Motor
4	32128-48	3	Nut-Hex Flange
5	95-8836	2	Hose
6	340-105	4	Fitting-HYD., 90Ø
6:1	237-80	1	O-Ring
6:2	237-30	1	O-Ring
7	95-8835	2	Hose
8	340-1	2	Adapter
8:1	237-35	1	O-Ring
8:2	237-42	1	O-Ring
9	95-8837	2	Hose
10	95-8828	1	Hose Assembly
11	99-3477	1	Fitting-Hydraulic, Tee (Incl. Ref. No.19)
11:1	237-42	2	O-Ring
12	95-8826	1	Hose Assembly
13	340-6	2	Fitting-Hydro.
13:1	237-30	1	O-Ring
13:2	237-80	1	O-Ring
14	95-8827	1	Hose
15	340-2	1	Adapter
15:1	237-22	1	O-Ring

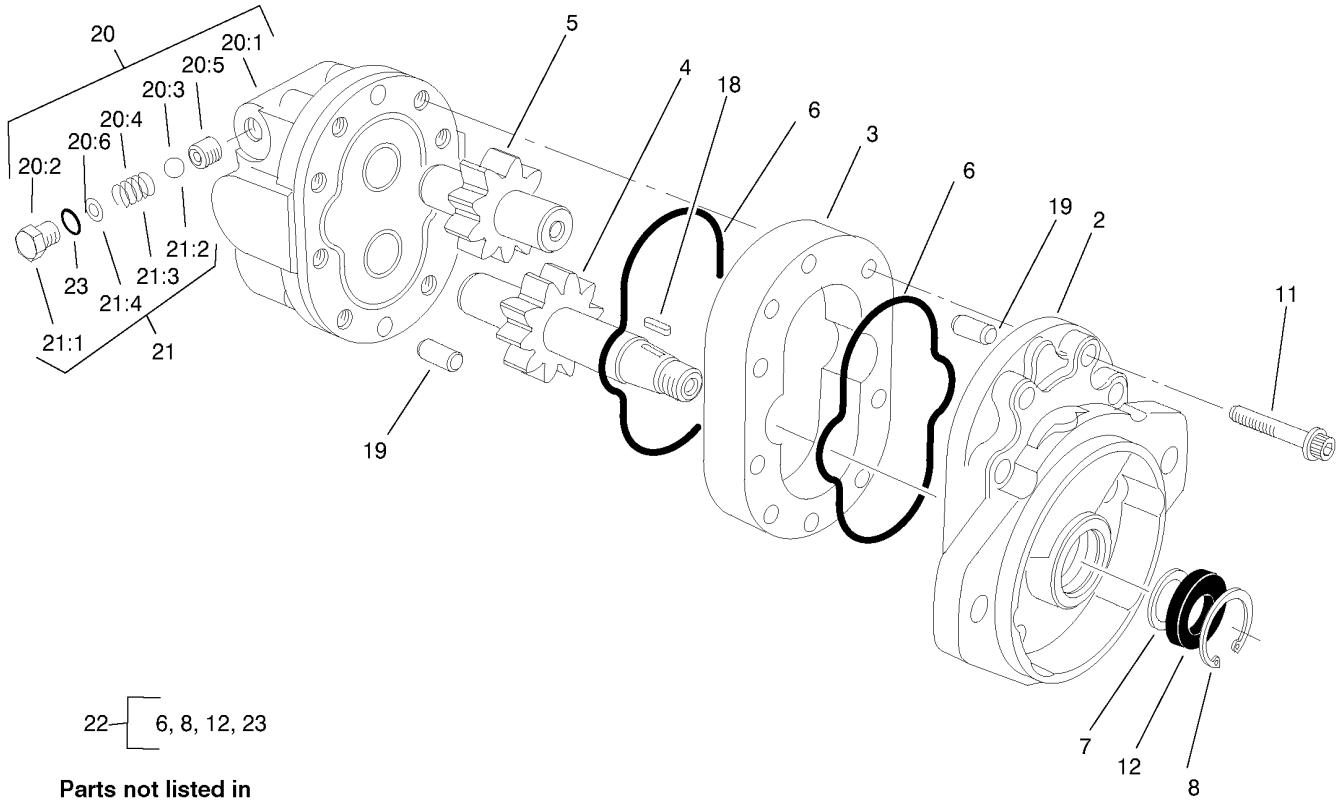
Ref	Part No.	Qty.	Description
15:2	237-42	1	O-Ring
16	100-4846-03	2	Plate-Skid, Motor
17	32128-20	8	Nut-Flange



Motor Gear Assembly No. 99-3627

Ref	Part No.	Qty.	Description
2	66-5730	1	Spring-Compression
3	94-3603	1	Body
4	94-3602	1	Gear-Drive
5	94-3601	1	Gear-Idler
7	60-5890	1	Washer
11	94-3600	8	Screw-Hex. Socket HD.
18	94-3606	1	Key
19	104-4830	4	Bolt-Stud
20	60-6410	4	O-Ring
21	42-2010	2	Pin-Alignment
22	100-4873	1	ASM-Backplate/Relief (Incl. Ref. No.1-6)
❸22:1		1	Backplate
❸22:2		2	Plug
❸22:3		2	Ball
❸22:4		2	Spring
❸22:5		2	Seat
❸22:6		2	Shim
23	93-1413	1	Kit-Seal Repair (Incl. Ref. No.2, 11, 16, And 17)
23:1	59-8420	2	O-Ring
23:2	59-8320	1	Ring-Retaining
23:3	66-5710	1	Seal-Oil
❸23:4		2	O-Ring

Ref	Part No.	Qty.	Description
24	92-9260	1	ASM-Relief Valve (Incl. Ref. No.1-5)
❸24:1		2	Plug
❸24:2		2	Ball
❸24:3		2	Spring
❸24:4		2	Shim

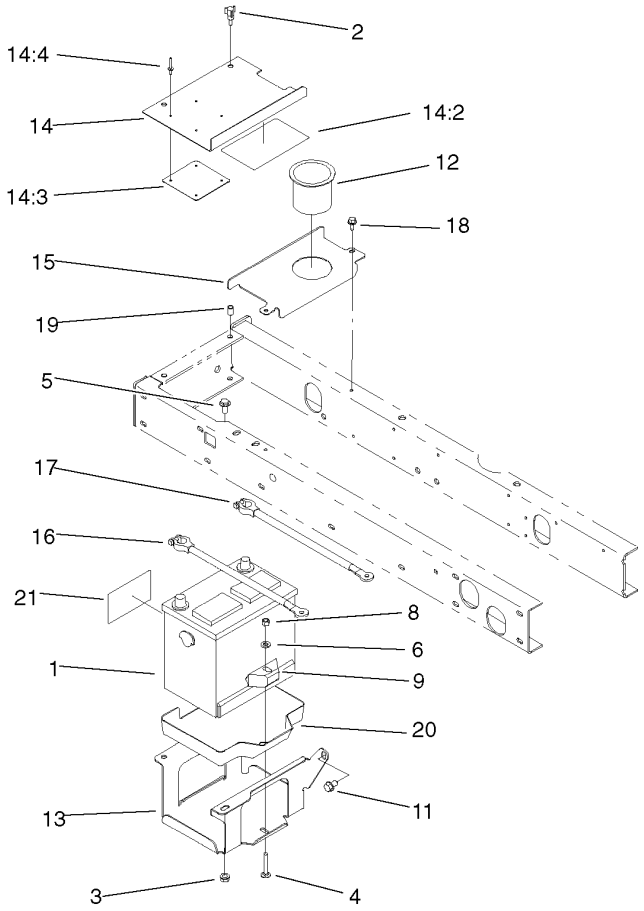


Parts not listed in partlist are not serviced separately.

Motor Gear Assembly No. 93-6975

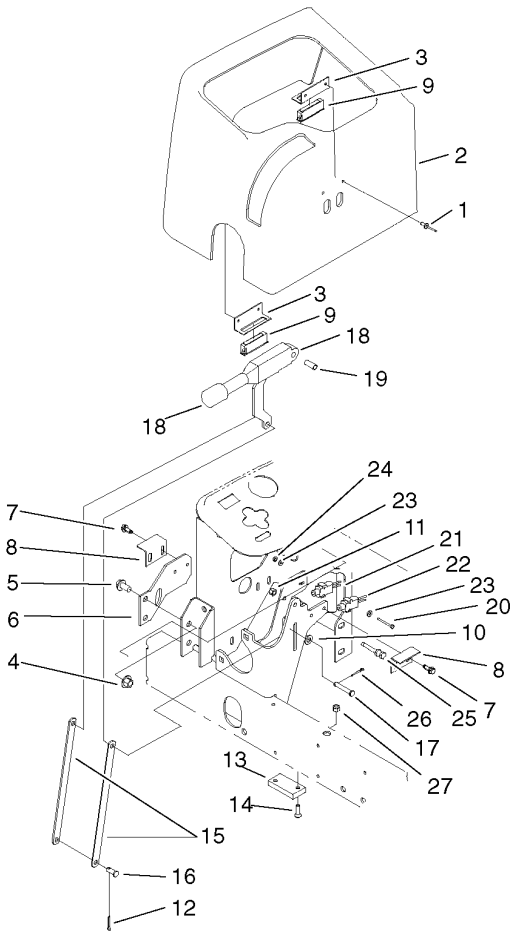
Ref	Part No.	Qty.	Description
2	66-5730	1	Spring-Compression
3	94-3603	1	Body
4	94-3602	1	Gear-Drive
5	94-3601	1	Gear-Idler
6	59-8420	2	O-Ring
7	60-5890	1	Washer
8	59-8320	1	Ring-Retaining
11	94-3600	8	Screw-Hex. Socket HD.
12	66-5710	1	Seal-Oil
18	94-3606	1	Key
19	42-2010	2	Pin-Alignment
20	94-3605	1	ASM-Backplate/Relief (Incl. Ref. No.1-6)
❸20:1		1	Backplate
❸20:2		2	Plug
❸20:3		2	Ball
❸20:4		2	Spring
❸20:5		2	Seat
❸20:6		2	Shim
21	92-9260	1	ASM-Relief Valve (Incl. Ref. No.1-5)
❸21:1		2	Plug
❸21:2		2	Ball
❸21:3		2	Spring
❸21:4		2	Shim

Ref	Part No.	Qty.	Description
22	93-1413	1	Kit-Seal Repair (Incl. Ref. No.2, 11, 16, And 17)



Battery Assembly

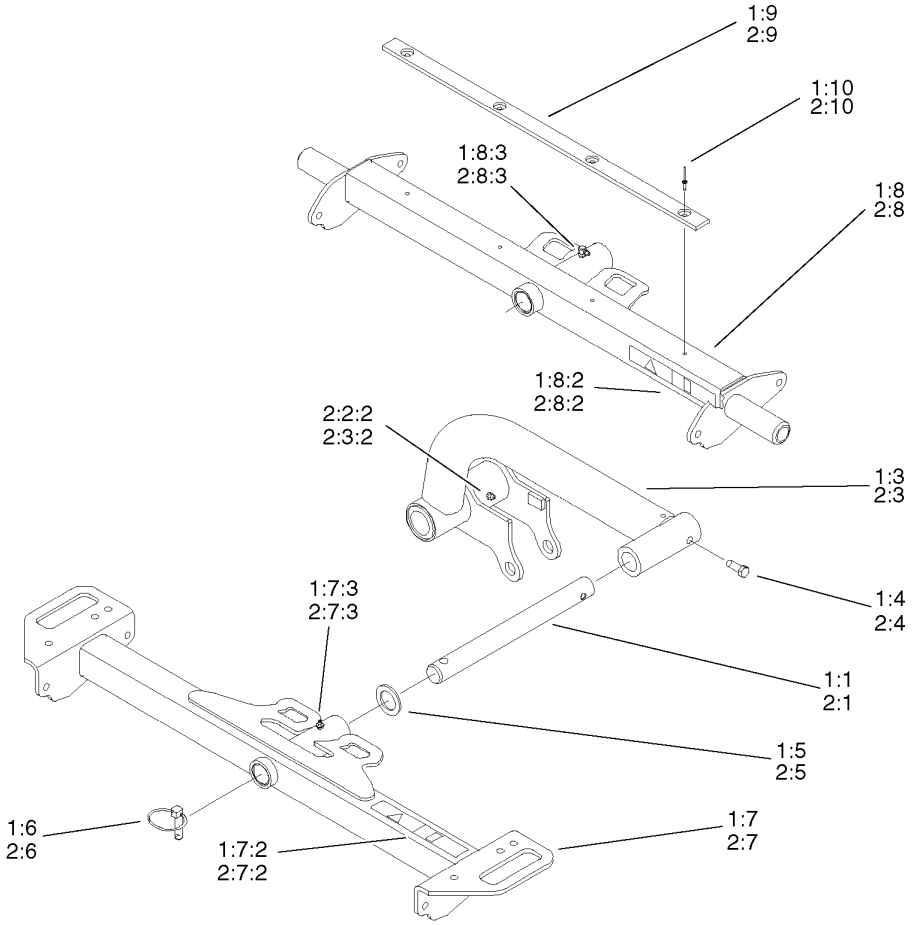
Ref	Part No.	Qty.	Description
1	83-9000	1	Battery (Dry)
2	233-70	2	Knob
3	32128-43	3	Nut-Flange
4	3230-6	1	Screw-CARR
5	3234-1	3	Screw-HHF
6	3256-23	1	Washer-Flat
8	3296-29	1	Nut-Lock, NI
9	66-2490	1	Retainer-Battery
11	32144-15	1	Screw
12	94-1410	1	Holder-Beverage Can
13	95-8796-03	1	Support-Battery
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
15	95-8817-01	1	Cover-Battery, Inner
16	95-8853	1	Cable-Battery, Positive
17	95-8854	1	Cable-Battery, Negative
18	32144-4	2	Screw-Hex HD. Thr-D Forming
19	32148-6	2	Insert-Threaded
20	99-3513	1	Tray-Battery
21	93-6668	1	Decal-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	32105-21	2	Screw-Machine, HH
21	95-8900	1	Switch
22	99-3410	1	Switch
23	3256-21	6	Washer-Flat

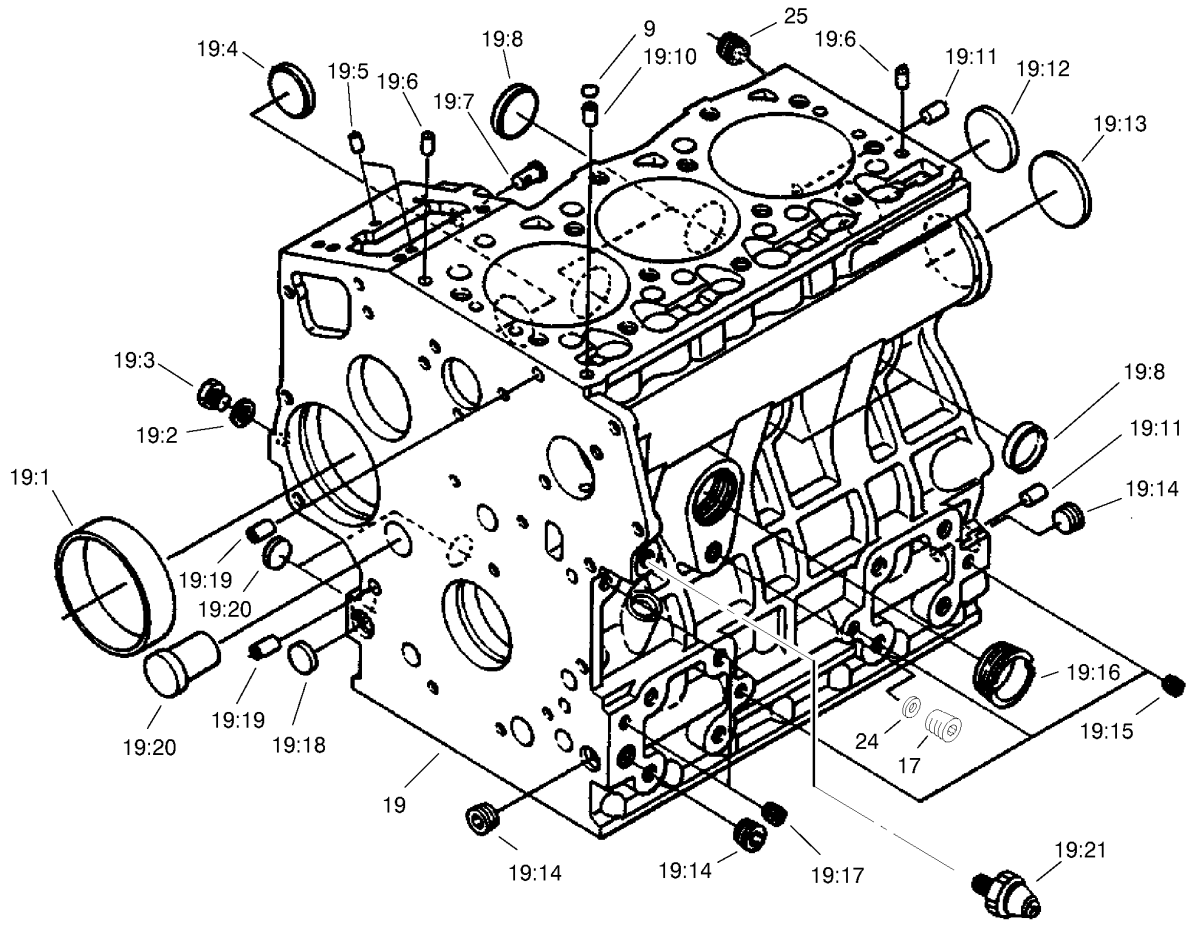
Ref	Part No.	Qty.	Description
24	3296-9	2	Nut
25	321-10	1	Bolt
26	3272-6	1	Pin-Cotter
27	32128-32	2	Nut-Flange



Lift Arm Kits

Ref	Part No.	Qty.	Description
1	03220	1	Kit-Lift Arm, 27"
1:1	95-8979	2	Shaft-Cu, Pivot
❷1:2	95-8553	1	Lift Arm-RH, 27" (Incl. Ref. No.15)
1:3	95-8554	1	Lift Arm-LH, 27" (Incl. Ref. No.15)
1:4	323-6	2	Screw-HH
1:5	3-6781	2	Washer-Thrust
1:6	283-71	2	Pin-Lynch
1:7	99-3506	2	Carrier Frame-Front, 27" (Incl. Ref. No.11 And 16)
1:7:2	94-3353	1	Decal-Pinch Point
1:7:3	302-5	1	Fitting-Grease
1:8	99-3508	1	Carrier Frame-Rear, 27" (Incl. Ref. No.11 And 16)
1:8:2	94-3353	1	Decal-Pinch Point
1:8:3	302-60	1	Fitting-Grease 90Ø
1:9	95-8936	1	Strip-Wear
1:10	3269-18	4	Rivet-Pop
2	03221	1	Kit-Lift Arm, 32"
2:1	95-8979	2	Shaft-Cu, Pivot
❷2:2	95-8550	1	Lift Arm-RH, 32" (Incl. Ref. No.15)
2:2:2	302-5	1	Fitting-Grease
2:3	95-8551	1	Lift Arm-LH, 32" (Incl. Ref. No.15)
2:3:2	302-5	1	Fitting-Grease
2:4	323-6	2	Screw-HH

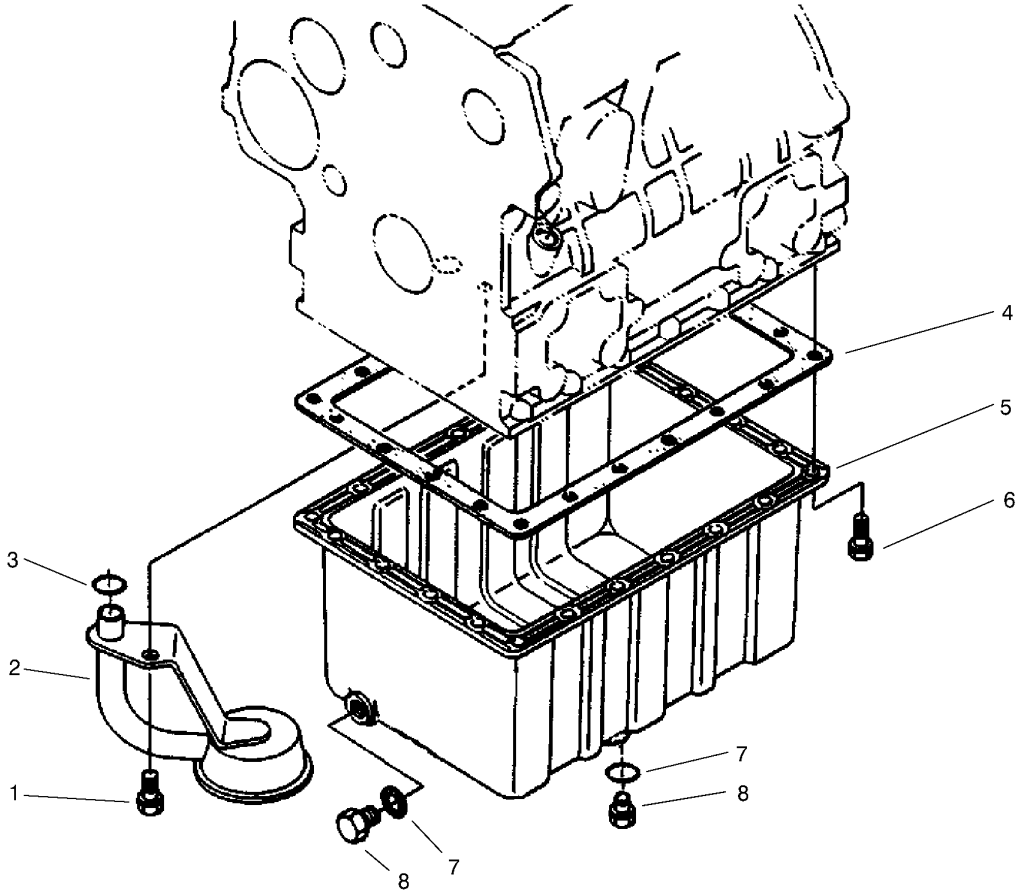
Ref	Part No.	Qty.	Description
2:5	3-6781	2	Washer-Thrust
2:6	283-71	2	Pin-Lynch
2:7	99-3507	2	Carrier Frame-Front, 32" (Incl. Ref. No.11 And 16)
2:7:2	94-3353	1	Decal-Pinch Point
2:7:3	302-5	1	Fitting-Grease
2:8	99-3509	1	Carrier Frame-Rear, 32" (Incl. Ref. No.11 And 16)
2:8:2	94-3353	1	Decal-Pinch Point
2:8:3	302-60	1	Fitting-Grease 90Ø
2:9	95-8936	1	Strip-Wear
2:10	3269-18	4	Rivet-Pop



Crankcase Assembly

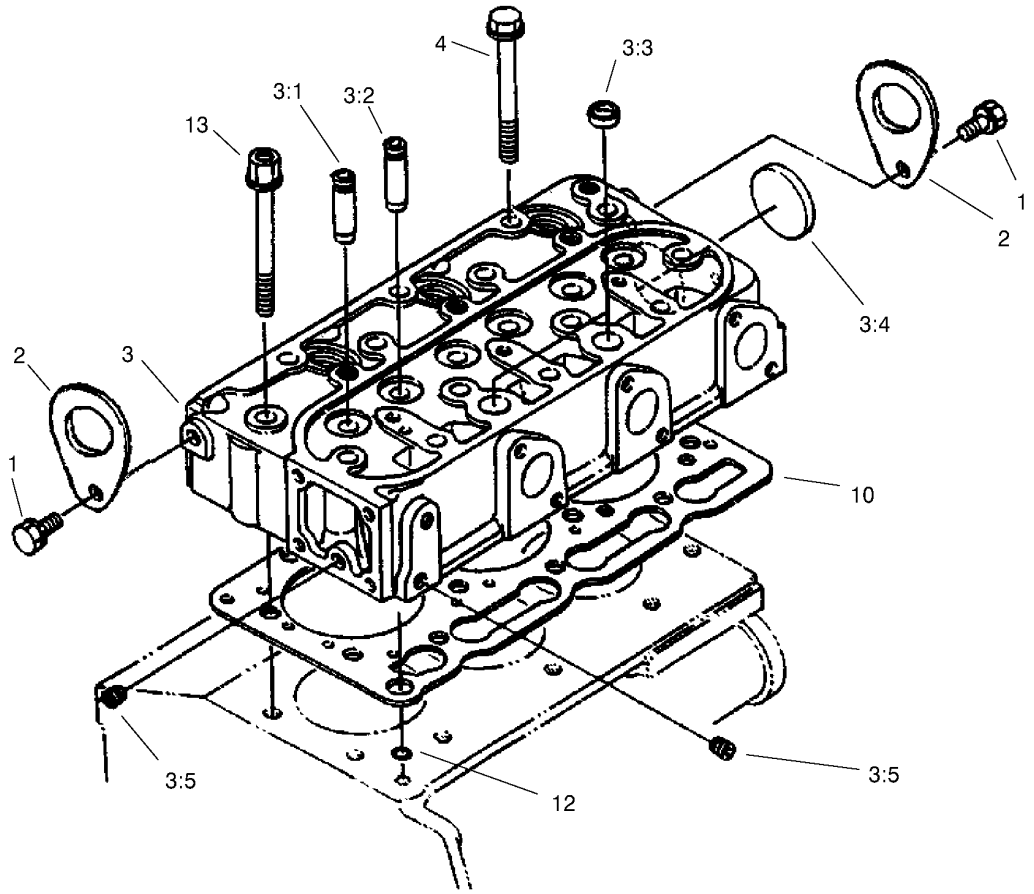
Ref	Part No.	Qty.	Description
9	98-7509	1	O-Ring
17	99-3447	1	Plug-Pipe
19	98-9604	1	Crankcase ASM
19:1	98-9656	1	Bushing-Governor, Gear
19:2	98-7428	1	Gasket
19:3	98-7507	1	Plug
19:4	98-9599	1	Plug
19:5	98-9375	2	Pin-Straight
19:6	98-9376	2	Pin-Straight
19:7	98-9630	1	Pin-Spring, Start
19:8	98-9398	4	Cap-Sealing
19:10	98-9539	1	Pin-Pipe
19:11	98-9377	2	Pin-Straight
19:12	98-7540	1	Cap-Sealing
19:13	98-9668	1	Plug
19:14	98-9597	3	Plug
19:15	98-7539	3	Cap-Sealing
19:16	98-9667	1	Plug
19:17	98-7487	2	Plug
19:18	98-9379	3	Plug
19:19	98-9387	2	Pin-Pipe
19:20	98-9675	1	Plug
19:21	98-9416	1	Switch
24	99-3445	1	Gasket

Ref	Part No.	Qty.	Description
25	98-9444	1	Plug



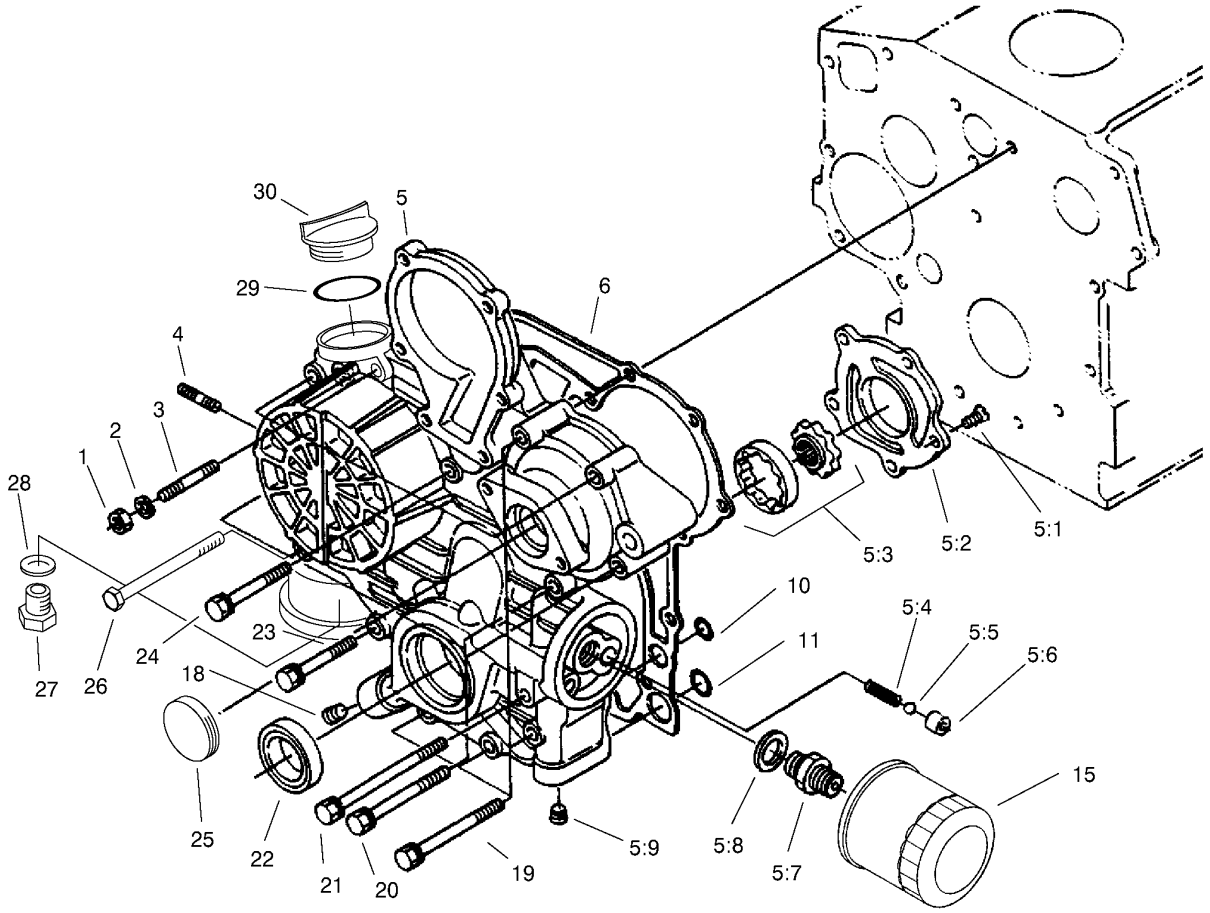
Oil Pan Assembly

Ref	Part No.	Qty.	Description
1	98-7526	1	Bolt
2	98-9538	1	Filter-Oil
3	100-2205	1	O-Ring
4	98-9646	1	Gasket-Pan, Oil
5	98-9685	1	Pan-Oil
6	98-9350	22	Bolt
7	98-7524	2	Gasket
8	98-9386	2	Plug



Cylinder Head Assembly

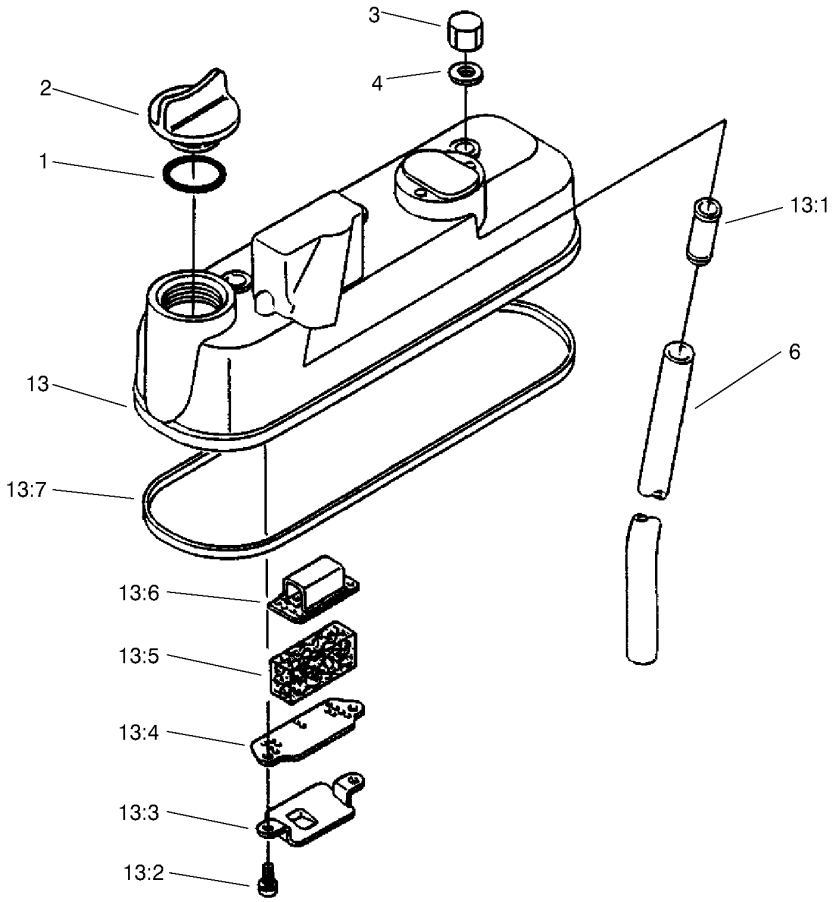
Ref	Part No.	Qty.	Description
1	100-9195	2	Bolt
2	98-7531	2	Engine-Hook
3	98-9460	1	Cylinder Head ASM
3:1	98-9499	3	Guide-Valve, Inlet
3:2	98-9500	3	Guide-Valve, Exhaust
3:3	98-9389	2	Cap-Sealing
3:4	98-9395	1	Cap-Sealing
3:5	98-7540	2	Cap-Sealing
4	98-9479	12	Bolt-Head, Cylinder
10	98-9613	1	Gasket-Head, Cylinder
12	98-7509	1	O-Ring
13	98-9647	2	Bolt-Head, Cylinder



Gear Case and Oil Filter Assembly

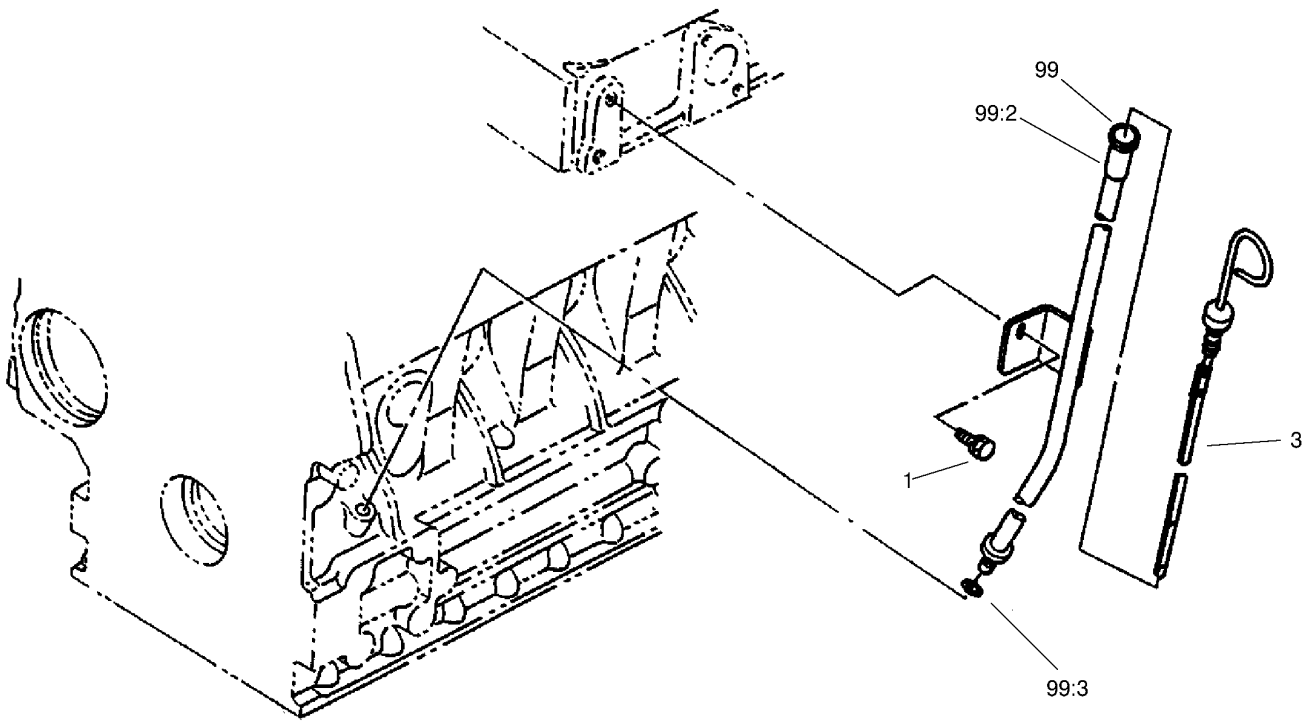
Ref	Part No.	Qty.	Description
1	98-7572	1	Nut
2	98-9367	1	Washer-Spring
3	98-9362	1	Stud
4	98-9363	2	Stud
5	99-3462	1	ASM-Case, Gear (Incl. Ref. No.7-9, 12-14 And 16-18)
5:1	98-9592	5	Screw
5:2	98-9541	1	Cover-Pump, Oil
5:3	98-9540	1	Oil Pump Rotor ASM
5:4	98-9544	1	Spring
5:5	98-9380	1	Ball
5:6	98-9543	1	Seal-Valve
5:7	98-9388	1	Pipe-Joint
5:8	98-7562	1	Washer-Flat
5:9	98-9598	2	Plug
6	98-9633	1	Gasket-Case, Gear
10	98-9372	2	O-Ring
11	98-7547	2	O-Ring
15	98-9651	1	ASM-Cartridge, Oil
19	98-9356	2	Bolt
20	98-9355	4	Bolt
21	99-3510	2	Bolt
22	98-9482	1	Seal-Oil
23	98-9437	1	Bolt

Ref	Part No.	Qty.	Description
24	98-7496	3	Bolt
25	99-3515	1	Plug-Gear Case
26	99-3511	1	Bolt
27	99-3450	1	Plug
28	99-3451	1	Packing-Plug
29	99-3446	1	O-Ring
30	99-3449	1	Plug,Oil Filler



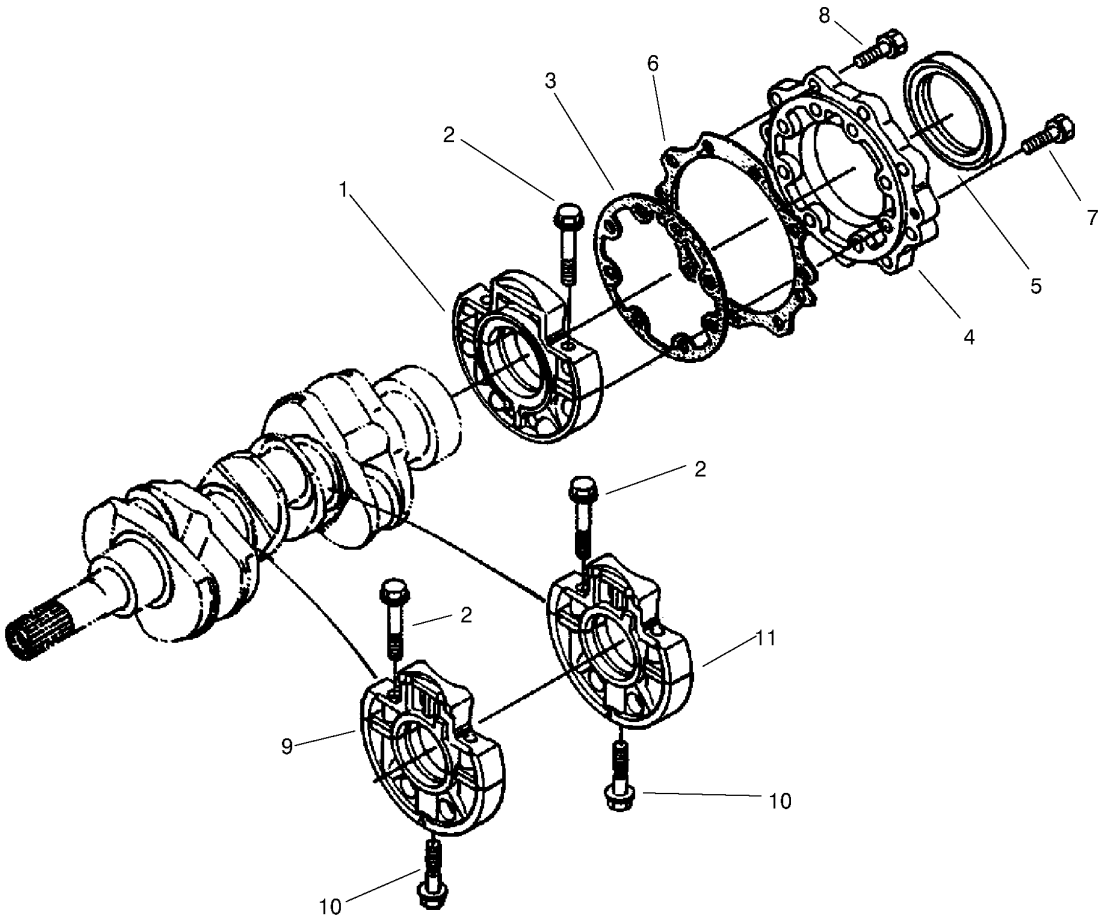
Head Cover Assembly

Ref	Part No.	Qty.	Description
1	99-3446	1	O-Ring
2	99-3449	1	Plug,Oil Filler
3	98-9455	3	Nut-Cap
4	98-9454	3	Gasket
6	98-9491	1	Pipe-Breather
13	98-9614	1	Cylinder Head Cover ASM
13:1	98-9492	1	Joint-Pipe, Breather
13:2	98-9364	2	Screw With Washer
13:3	98-9490	1	Breater-Shiled, Oil
13:4	98-9488	1	Plate-Element, Breather
13:5	98-9493	1	Element-Breather
13:6	98-9489	1	Plate-Element, Breather
13:7	98-9615	1	Gasket-Cover, Head



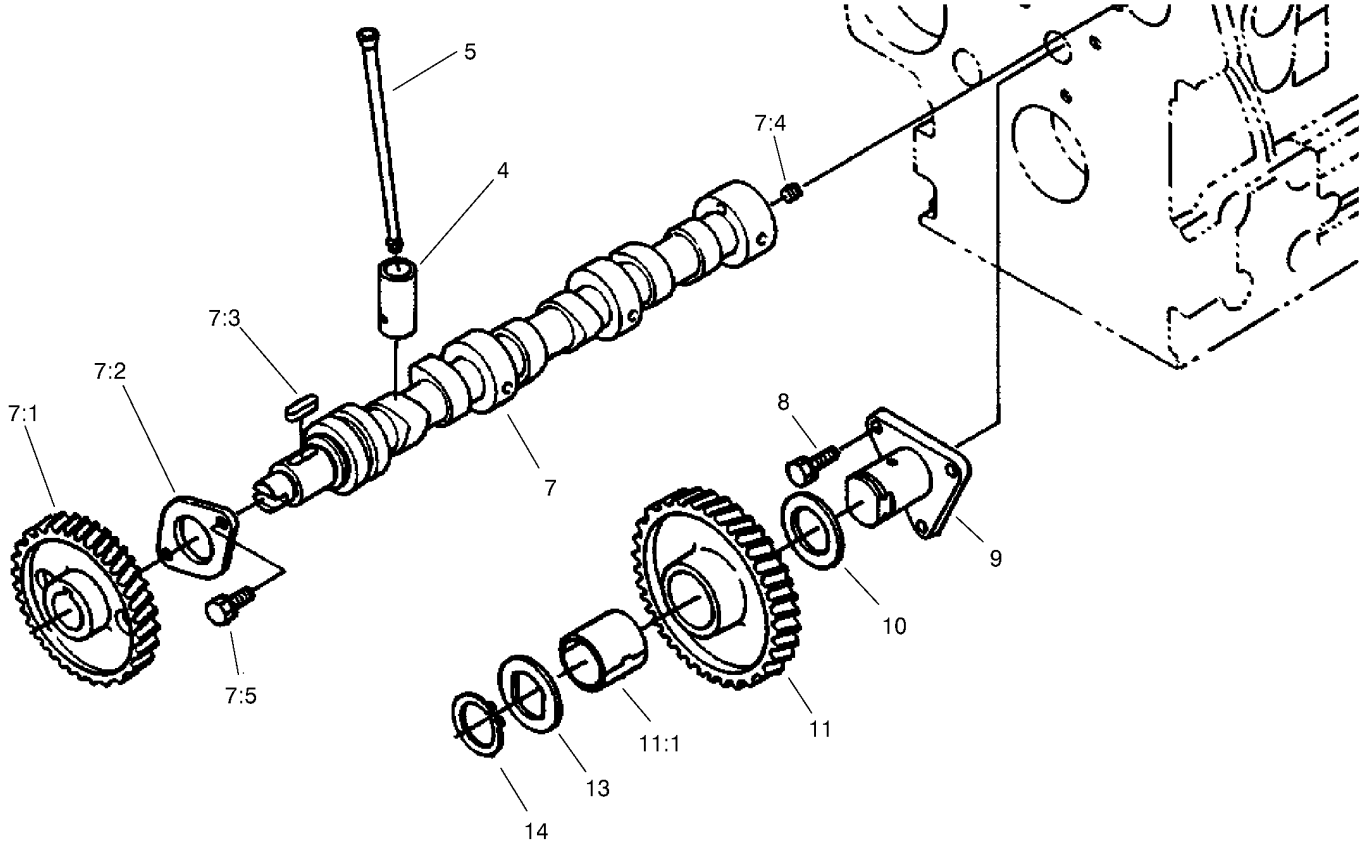
Dipstick and Guide Assembly

Ref	Part No.	Qty.	Description
1	98-7453	1	Bolt
3	98-9670	1	Gauge-Oil
99	98-9672	1	Oil Gauge Guide ASM
99:2	98-9671	1	Guide-Gauge, Oil
99:3	98-9374	1	O-Ring



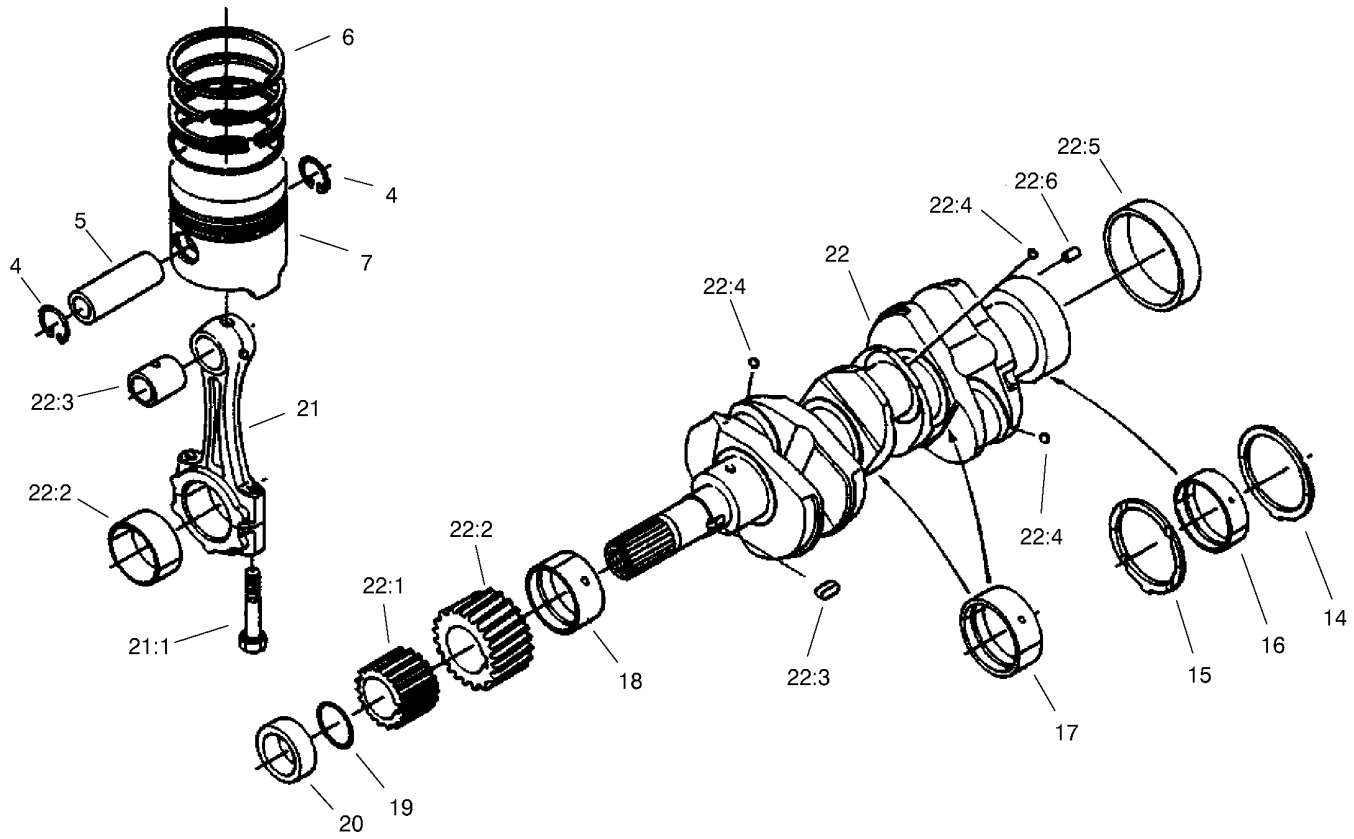
Main Bearing Case Assembly

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	98-9487	1	Cover-Case, Bearing
5	98-9483	1	Seal-Oil
6	98-9635	1	Gasket-Cover, Bearing Case
7	98-9352	8	Bolt
8	98-7568	9	Bolt
9	98-9606	1	Main Bearing Case ASM
10	98-9485	2	Bolt-Case, Bearing
11	98-9607	1	Main Bearing Case ASM



Camshaft Assembly

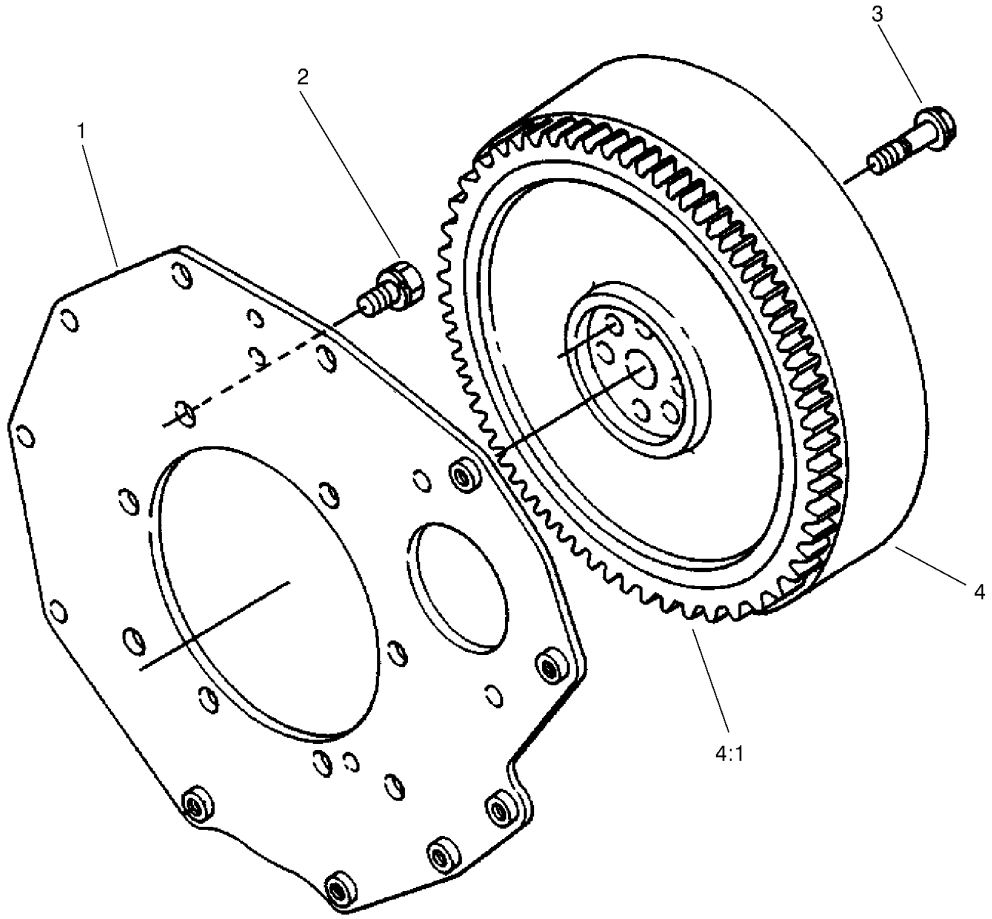
Ref	Part No.	Qty.	Description
4	98-9616	6	Tappet
5	98-9509	6	Rod-Push
7	98-9617	1	Camshaft ASM
7:1	98-9512	1	Gear-Cam
7:2	98-9510	1	Stopper-Camshaft
7:3	98-9378	1	Key-Feather
7:4	98-7449	1	Screw-Set
7:5	98-9351	2	Bolt
8	98-7692	3	Bolt
9	98-9533	1	Shaft-Gear, Idle
10	98-9535	1	Collar-Gear, Idle
11	98-9649	1	Idler Gear ASM
11:1	98-9650	1	Bushing-Gear, Idle
13	98-9536	1	Collar-Gear, Idle
14	98-9534	1	Clip-Circular, Idle Gear



Piston and Crankcase Assembly

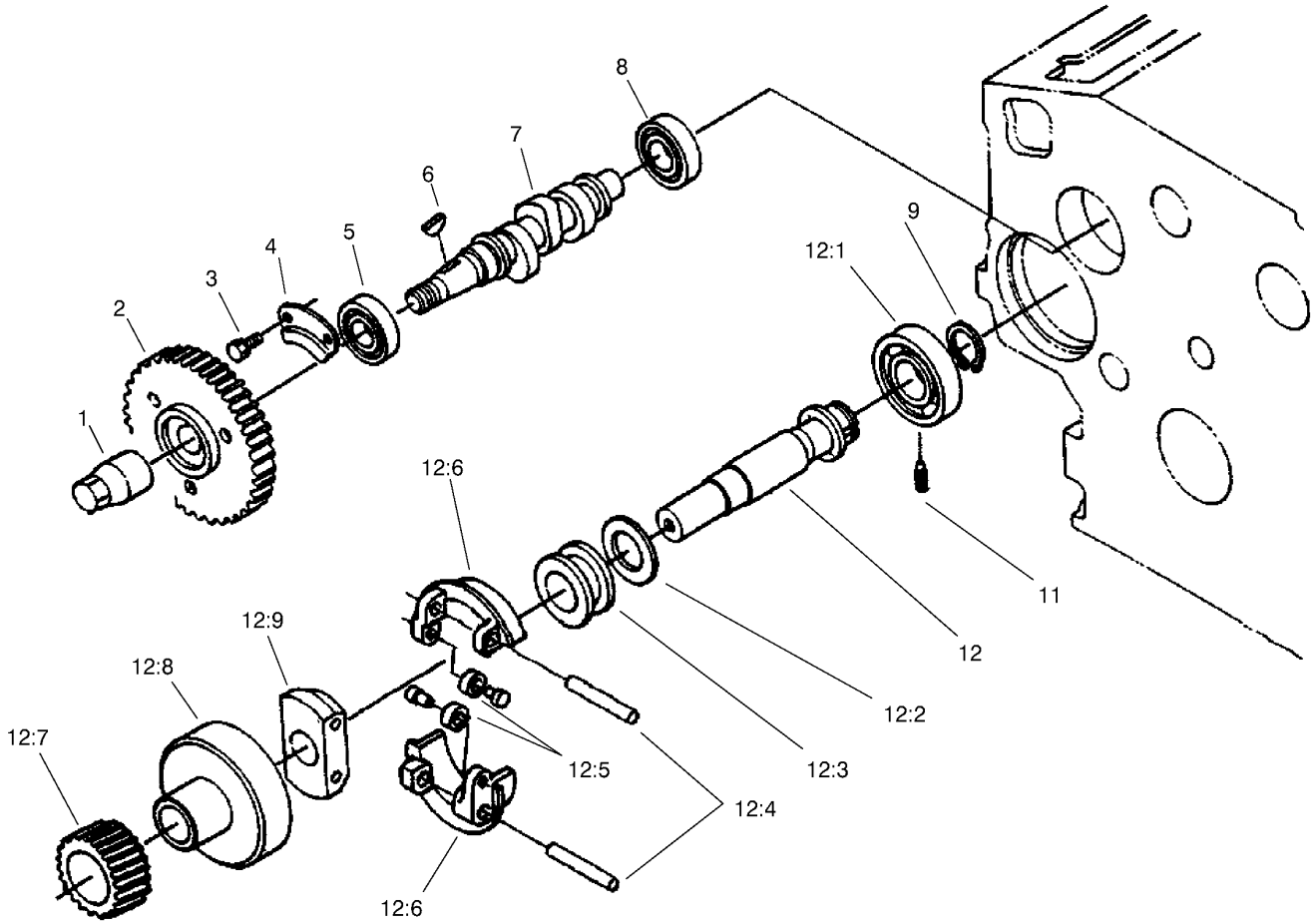
Ref	Part No.	Qty.	Description
4	98-9514	6	Clip-Circular, Piston Pin
5	98-9513	3	Pin-Piston
6	98-9619	3	Piston Ring ASM (0.5Mm Oversize)
6	98-9618	3	Piston Ring ASM (STD.)
7	98-9470	3	Piston (0.5Mm Oversize)
7	98-9469	3	Piston (STD.)
14	98-9413	2	Metal-Side (STD.)
14	98-9414	2	Metal-Side (0.2Mm Oversize)
14	98-9415	2	Metal-Side (0.4Mm Oversize)
15	98-9688	2	Metal-Side (STD.)
15	98-9689	2	Metal-Side (0.2Mm Oversize)
15	98-9690	2	Metal-Side (0.4Mm Oversize)
16	98-9526	1	Metal-Crankshaft (0.2Mm Undersize)
16	98-9527	1	Metal-Crankshaft (0.4Mm Undersize)
16	98-9556	1	Metal-Crankshaft (STD)
17	98-9530	2	Metal-Crankshaft (0.2Mm Undersize Set)
17	98-9531	2	Metal-Crankshaft (0.4Mm Undersize Set)
17	98-9555	2	Metal-Crankshaft (STD Set)
18	98-9528	1	Metal-Crankshaft (0.2Mm Undersize)

Ref	Part No.	Qty.	Description
18	98-9529	1	Metal-Crankshaft (0.4Mm Undersize)
18	98-9554	1	Metal-Crankshaft (STD)
19	98-9373	1	O-Ring
20	98-9521	1	Collar-Crankshaft
21	98-9516	3	Connecting Rod ASM
21:1	98-9517	6	Bolt-Rod, Connecting
21:2	98-9518	3	Metai-Crankpin (STD.)
21:2	98-9519	3	Metai-Crankpin (0.2Mm Undersize)
21:2	98-9520	3	Metai-Crankpin (0.4Mm Undersize)
21:3	98-9515	3	Bushing-Pin, Piston
22	98-9642	1	Crankshaft ASM
22:1	98-9542	1	Gear-Drive, Oil Pump
22:2	98-9532	1	Gear-Crankshaft
22:3	98-9666	1	Key
22:4	98-7473	3	Ball
22:5	98-9522	1	Sleeve-Crankshaft
22:6	98-9375	1	Pin-Straight



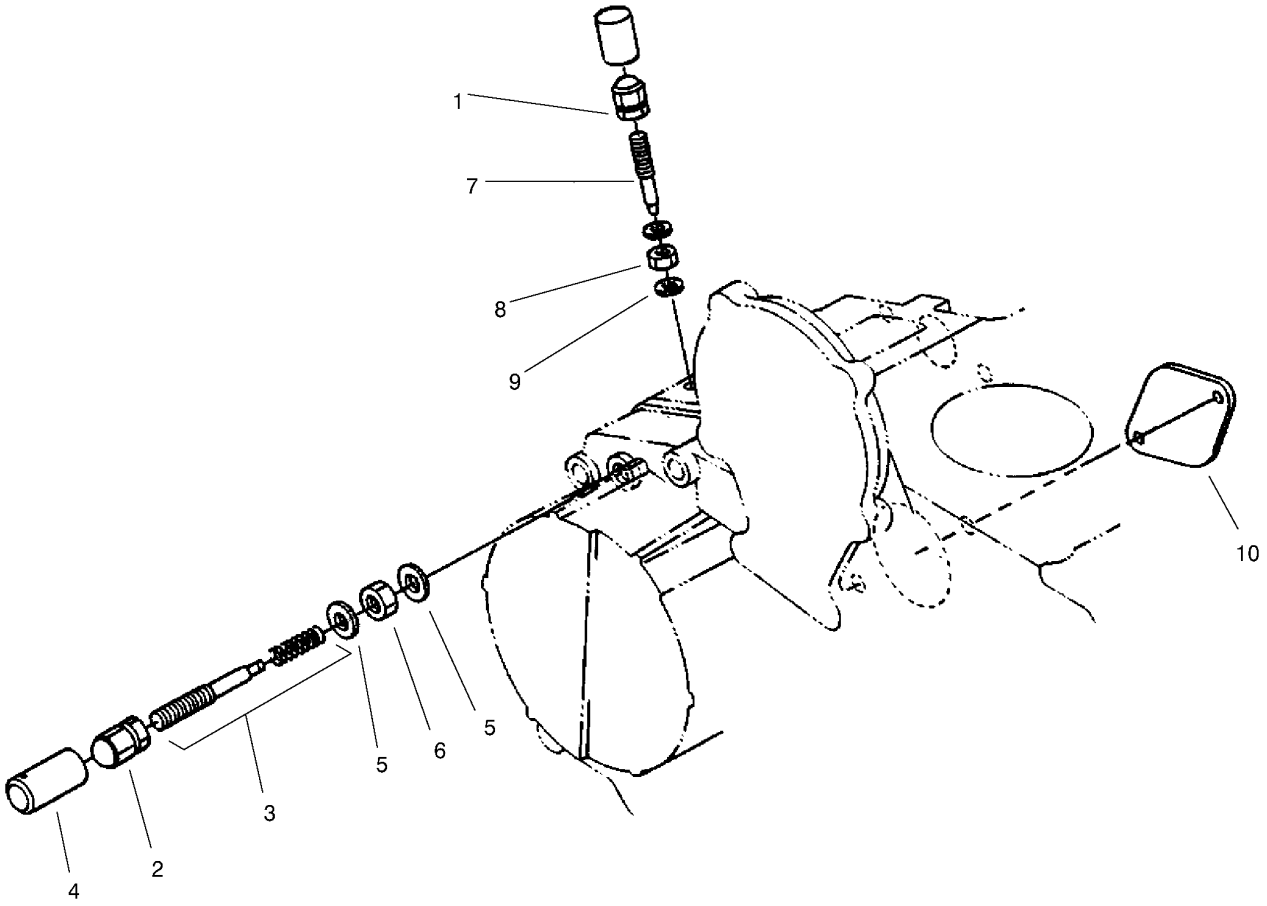
Flywheel Assembly

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



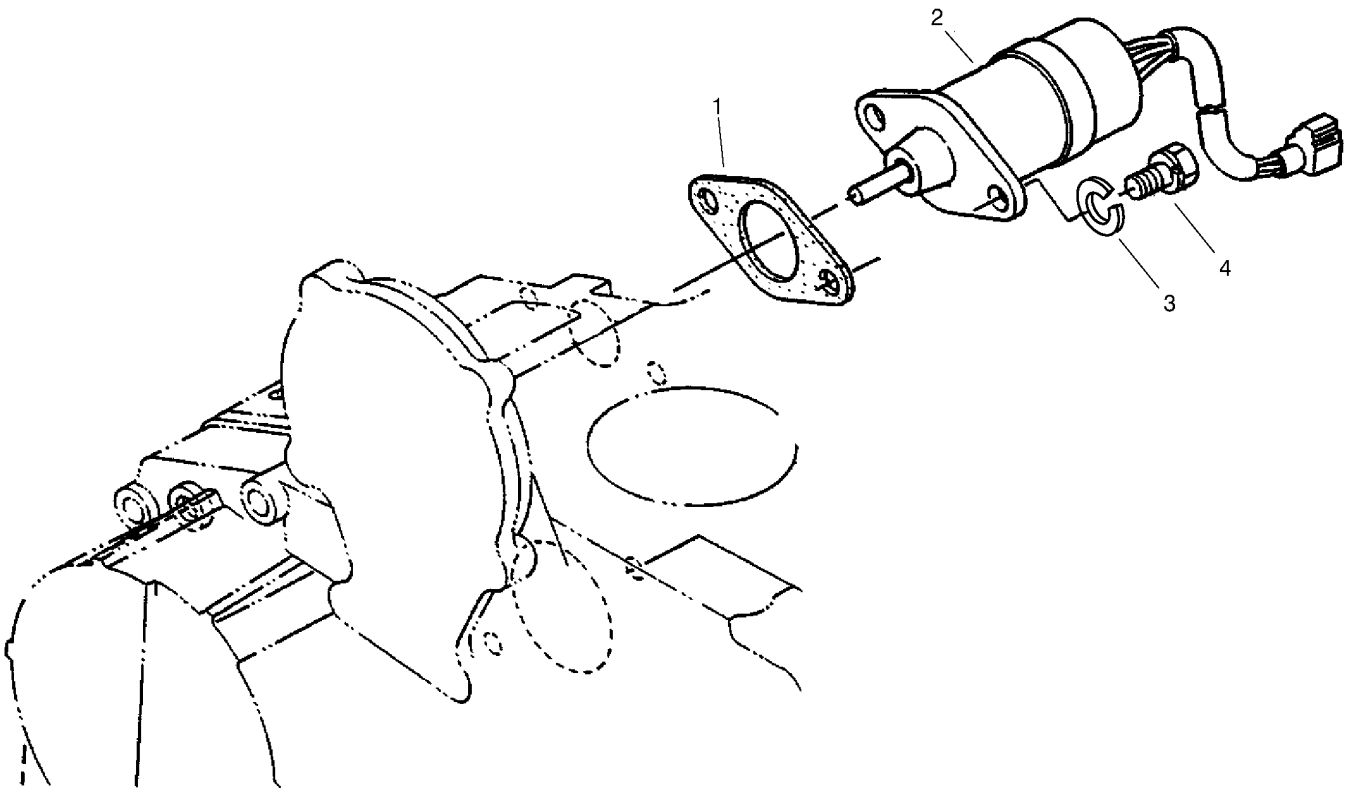
Fuel Camshaft Assembly

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



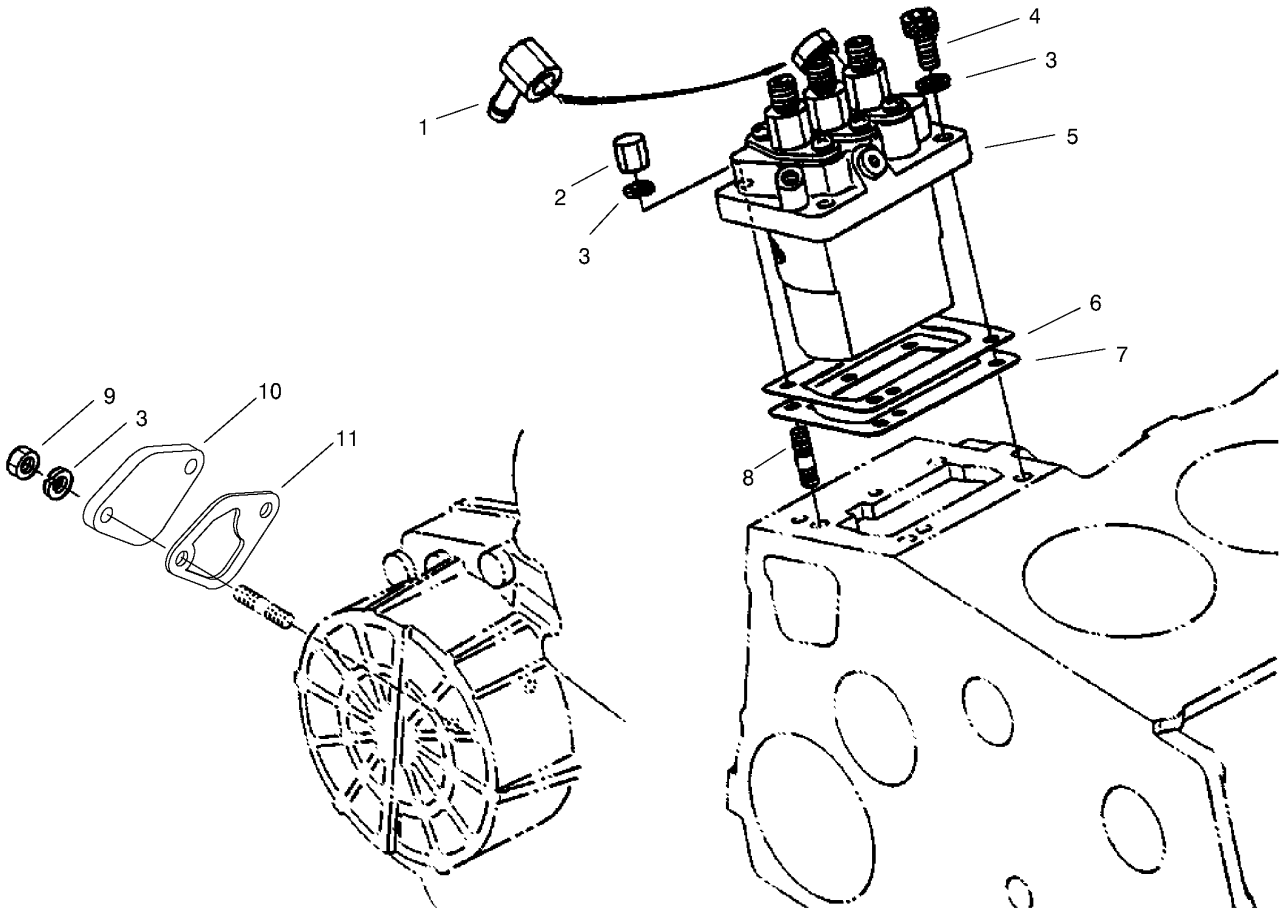
Engine Stop Lever Assembly

Ref	Part No.	Qty.	Description
1	99-8387	1	Nut-Cap
2	98-9441	1	Nut-Cap
3	99-3458	1	ASM-Bolt, Adjusting
4	98-7656	1	Cap
5	98-7654	3	Gasket
6	98-9439	1	Nut
7	98-9557	1	Bolt-Adjusting
8	99-3512	1	Nut
9	99-3466	1	Gasket
10	98-9640	1	Cover-Pump



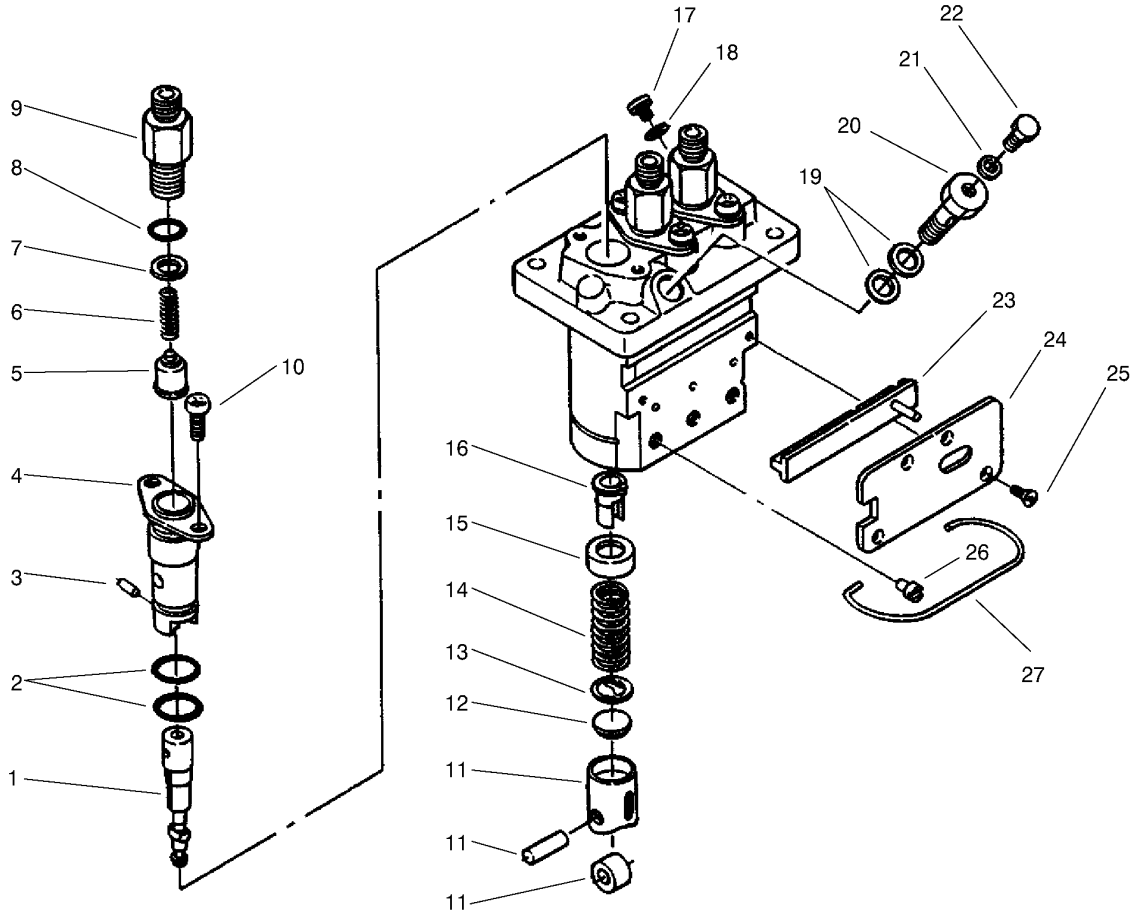
Stop Solenoid and Fuel Pump Assembly

Ref	Part No.	Qty.	Description
1	98-9683	1	Gasket-Cover, Solenoid
2	98-9693	1	Solenoid-Stop
3	98-9367	2	Washer-Spring
4	98-9351	2	Bolt



Injection Pump Installation Assembly

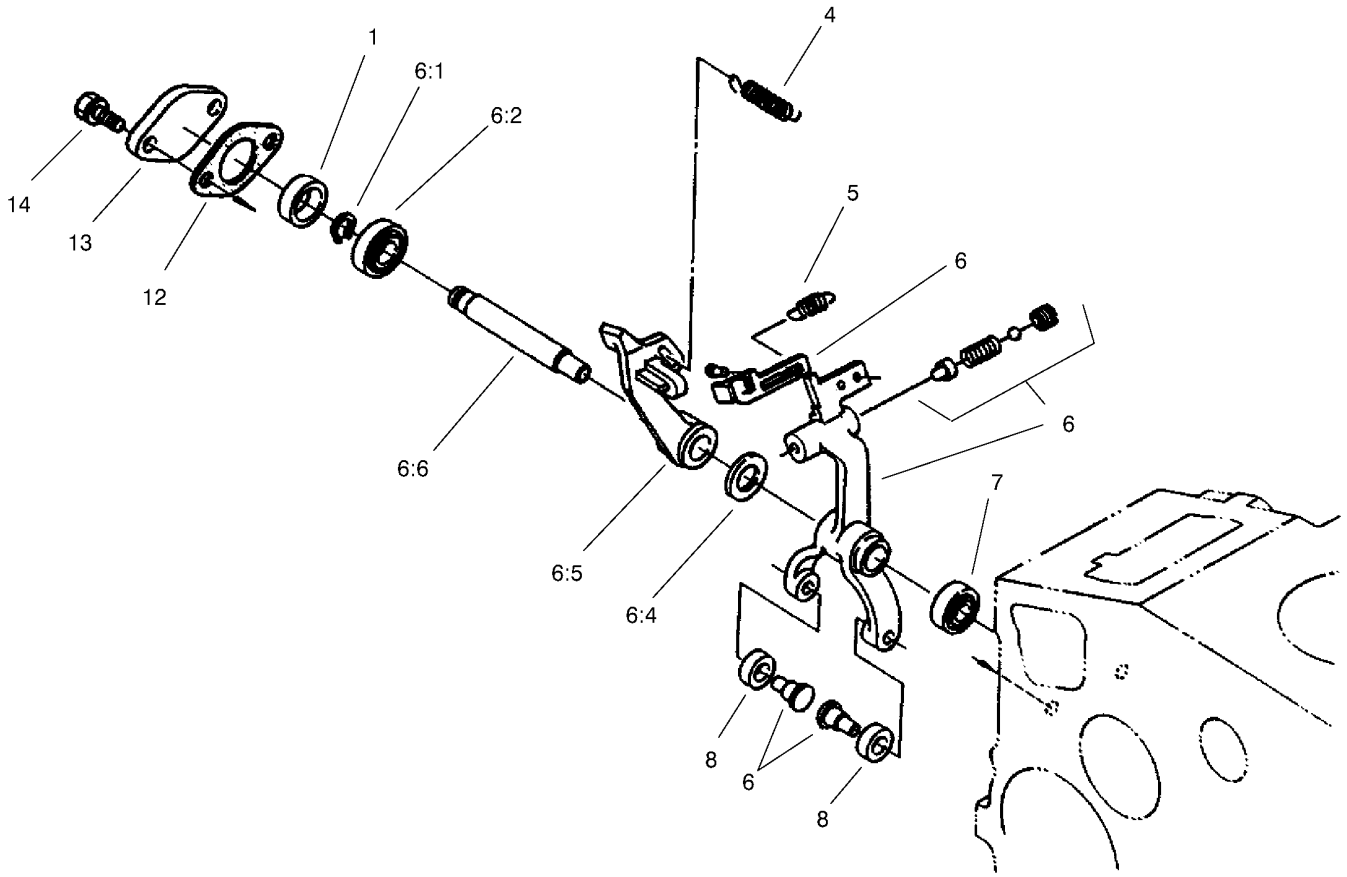
Ref	Part No.	Qty.	Description
1	98-9596	1	Joint-Eye
2	98-9440	2	Nut,-Cap
3	98-9367	6	Washer-Spring
4	98-9361	2	Bolt-HSH
5	98-9643	1	Injection Pump ASM
6	98-9456	1	Shim
6	98-9457	1	Shim-Injection (0.25Mm)
7	98-9458	1	Shim-Injection (0.30Mm)
8	98-9438	2	Stud
9	98-7572	2	Nut
10	99-3514	1	Cover
11	98-9636	1	Gasket-Pump, Fuel



Injection Pump Assembly No. 98-9643

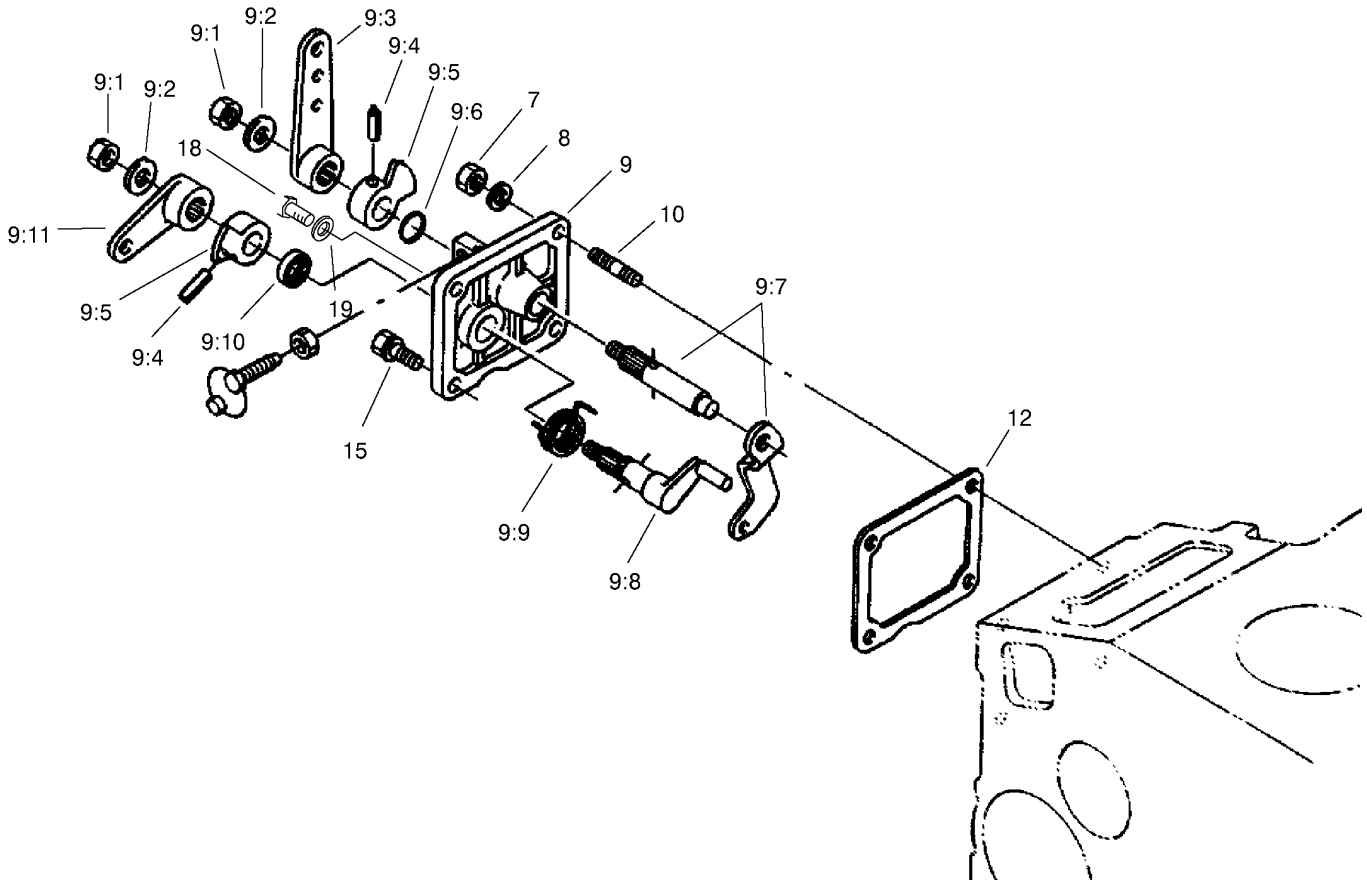
Ref	Part No.	Qty.	Description
1	98-9462	3	Element-Pump
2	98-9423	6	O-Ring
3	98-9443	3	Pin-Joint
4	98-9434	3	Flange-Sleeve
5	98-9421	3	Valve-Delivery
6	98-9424	3	Spring-Valve, Delev.
7	98-9425	3	Gasket-Valve, Deliv.
8	98-9447	3	O-Ring
9	98-9652	3	Holder-Valve, Delivery
10	98-9452	6	Screw
11	98-9422	3	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



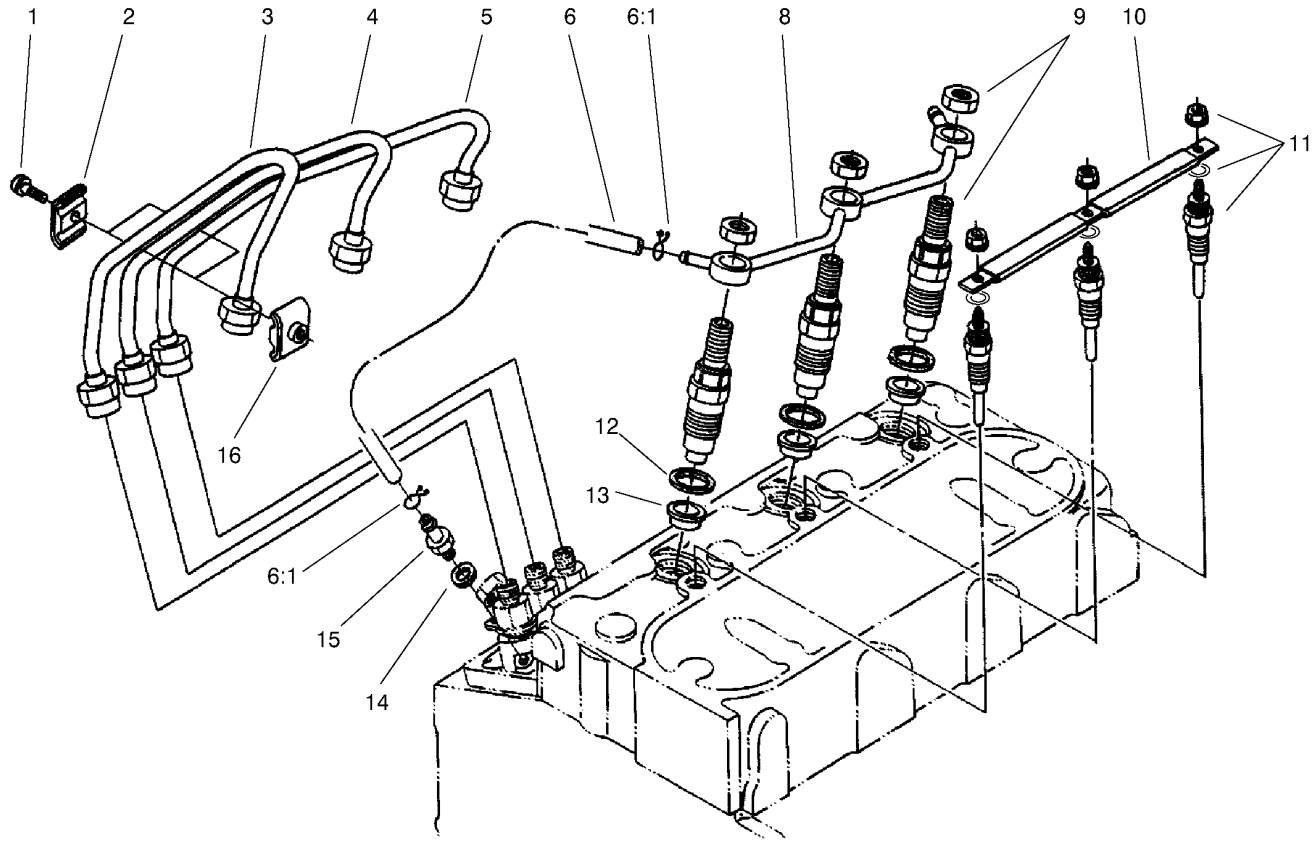
Governor Assembly

Ref	Part No.	Qty.	Description
1	98-9567	1	Collar
4	99-3459	1	Spring-Governor
5	98-9645	1	Spring-Start
6	99-3452	1	ASM-Lever, Fork (Incl. Ref. No.2, 3, 6, 10-12 And 16)
6:1	98-9369	1	Clip-Circular, External
6:2	98-9570	1	Bearing-Miniature
6:4	98-9593	1	Washer-Flat
6:5	98-9659	1	Lever-Fork
6:6	98-9566	1	Shaft-Lever, Fork
7	98-9571	1	Bearing-Miniature
8	98-9692	2	Roller
12	98-9682	1	Gasket
13	98-9569	1	Cover-Shaft, Fork Lever
14	98-9351	2	Bolt



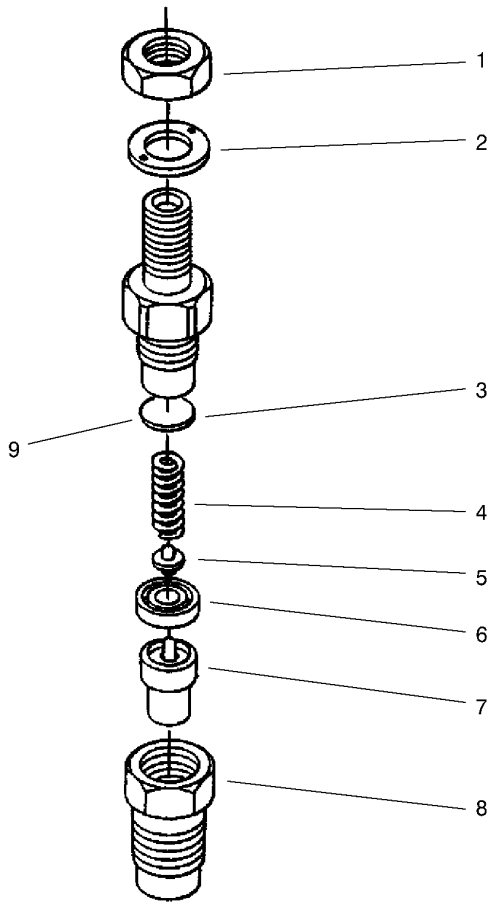
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description
7	98-7572	2	Nut
8	98-9367	2	Washer-Spring
9	98-9661	1	Control Plate ASM
9:1	98-9589	2	Nut
9:2	98-9594	2	Washer-Flat
9:3	98-9662	1	Lever-Control, Speed
9:4	98-7602	2	Pin-Spring
9:5	98-9572	2	Lever-Control, Speed
9:6	98-9371	1	O Ring
9:7	98-9658	1	Governor Lever ASM
9:8	98-9664	1	Shaft-Lever, Stop
9:9	98-9472	1	Spring-Return
9:10	98-7601	1	Seal-Oil
9:11	98-9663	1	Lever-Stop, Engine
10	98-9362	2	Stud
12	98-9637	1	Gasket
15	98-7692	1	Bolt
18	99-8348	1	Bolt
19	98-7654	1	Gasket



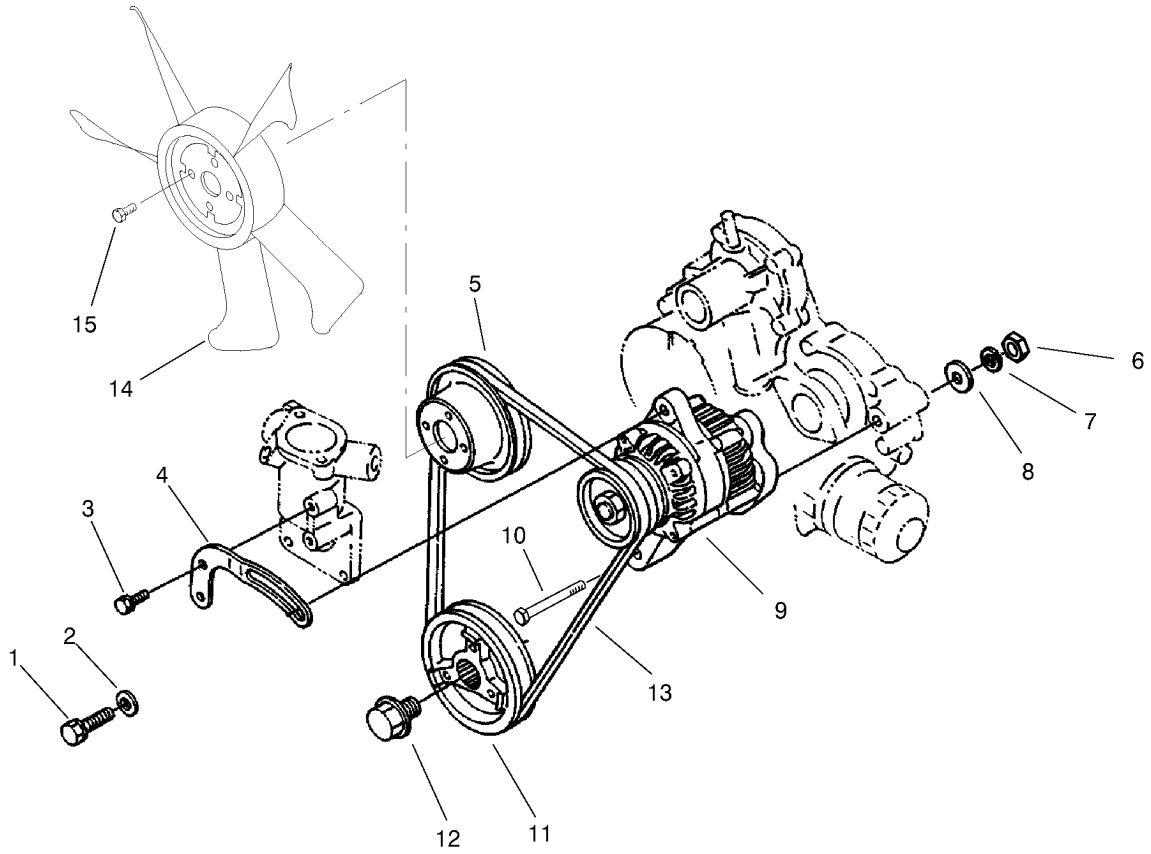
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	Qty.	Description
1	98-7684	2	Screw,W/Washer
2	98-7683	2	Clamp-Pipe
3	99-3460	1	Pipe-Injection
4	98-9654	1	Pipe-Injection
5	98-9655	1	Pipe-Injection
6	98-9420	1	Over Flow Pipe ASM
6:1	98-7671	1	Clip-Pipe
8	98-9620	1	Overflow Pipe ASM
9	98-9468	3	Nozzle Holder ASM
10	98-9631	1	Cord-Plug, Glow
11	98-9695	3	Plug-Glow
12	98-7676	3	Gasket
13	98-9694	3	Seat-Heat
14	98-7654	1	Gasket
15	98-9431	1	Screw-Bleeder, Air
16	98-7682	2	Clamp-Pipe



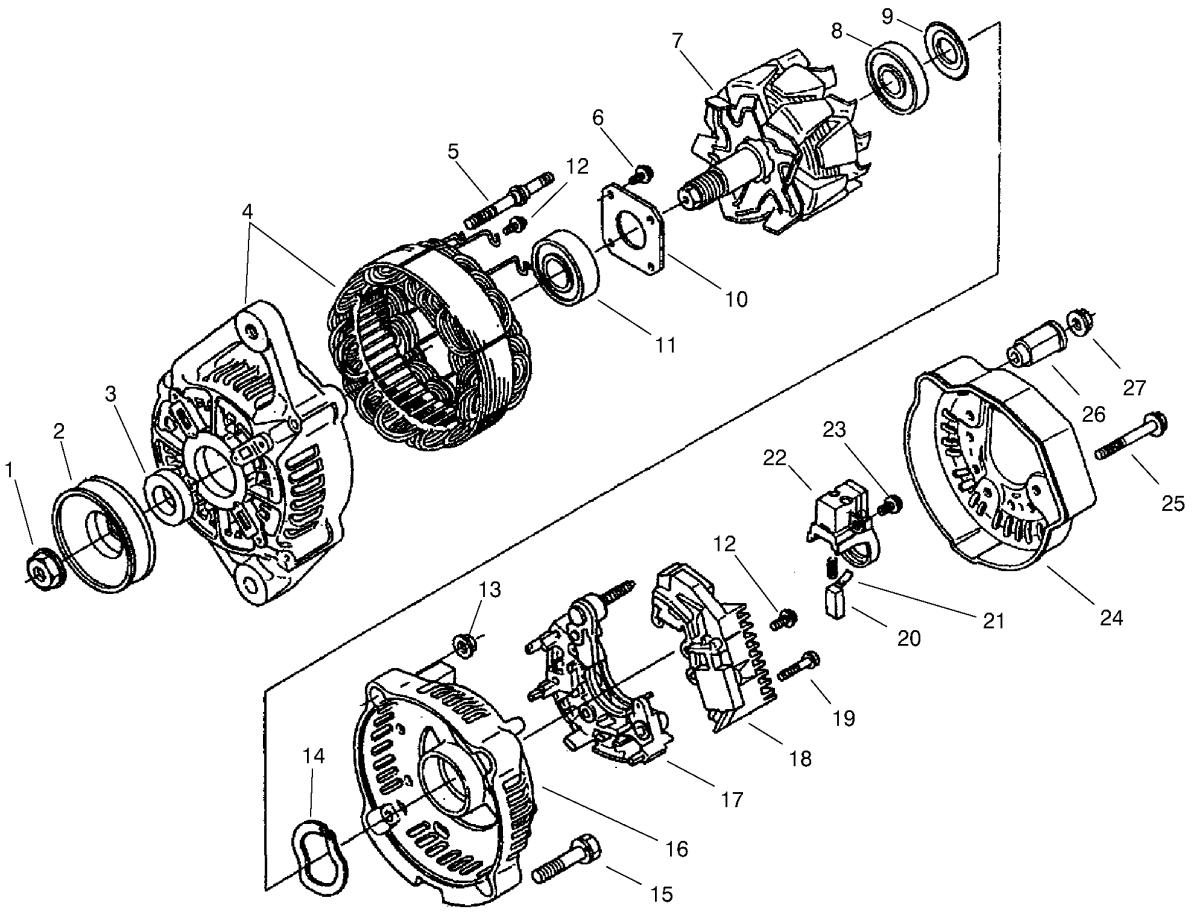
Nozzle Holder Assembly

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	99-8313	3	Washer-Adj. (0.40Mm)
9	99-8314	3	Washer-Adj. (0.50Mm)
9	99-8315	3	Washer-Adj. (0.52Mm)
9	99-8316	3	Washer-Adj. (0.54Mm)
9	99-8317	3	Washer-Adj. (0.56Mm)
9	99-8312	3	Washer-Adj. (0.30Mm)
9	99-8319	3	Washer-Adj. (0.80Mm)
9	99-8318	3	Washer-Adj. (0.58Mm)
9	99-8309	3	Adjusting Waher ASM
9	99-8310	3	Washer-Adj. (0.10Mm)
		0	
		3	Washer-Adjust (0.20Mm)



Alternator and Pulley Assembly

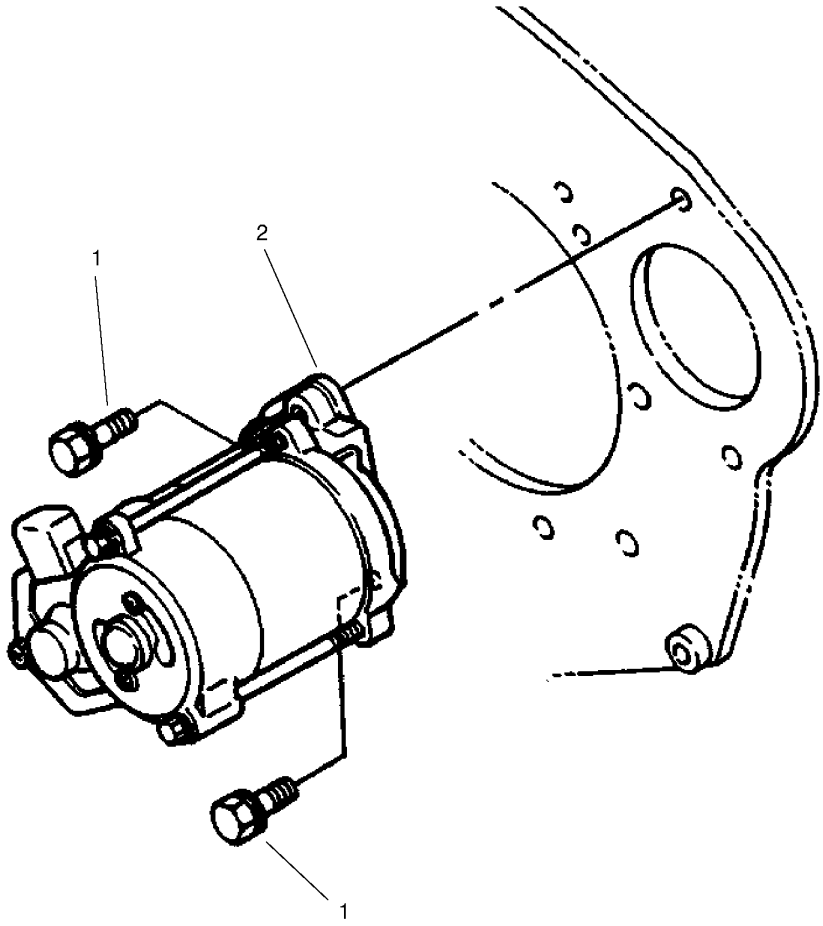
Ref	Part No.	Qty.	Description
1	98-7697	1	Bolt
2	100-9233	1	Washer-Plain
3	98-7692	1	Bolt
4	98-9573	1	Stay-Dynamo
5	99-3453	1	Pulley-Fan
6	98-7737	1	Nut
7	98-9368	1	Washer-Lock
8	98-9366	1	Washer-Flat
9	98-9474	1	Alternator ASM
10	98-9360	1	Bolt
11	99-3456	1	Pulley-Fan Drive
12	98-9585	1	Bolt
13	99-3467	1	V-Belt
14	99-3461	1	Fan
15	99-8363	4	Bolt-Hfh



Alternator Assembly

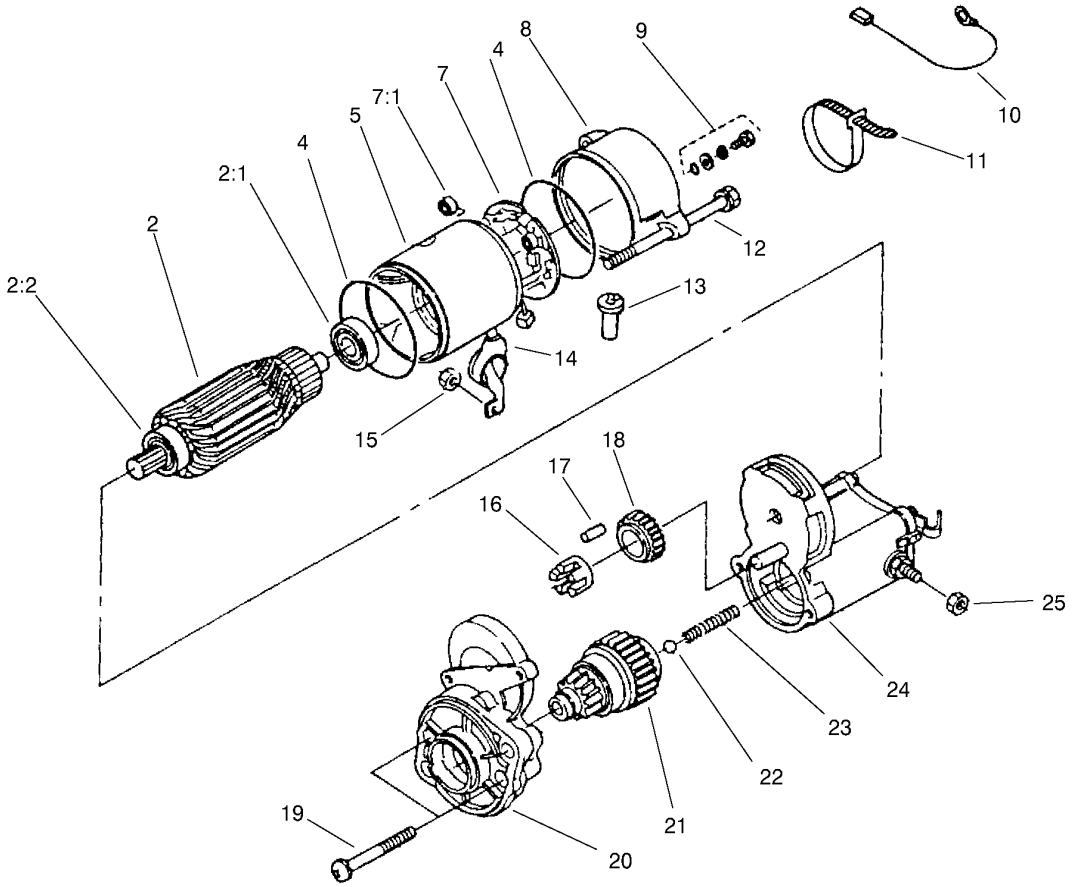
Ref	Part No.	Qty.	Description
1	98-7708	1	Nut
2	98-9453	1	Pulley-Dynamo
3	98-7709	1	Collar
4	98-7714	1	Frame-Drive End
5	98-7717	2	Bolt-Through
6	98-7716	4	Screw-RH
7	98-7710	1	Rotor
8	98-7712	1	Bearing-Ball
9	98-7711	1	Cover-Bearing
10	98-7715	1	Plate-Retainer
11	98-7718	1	Bearing-Ball
12	98-7727	6	Screw-RH
13	98-7730	2	Nut
14	98-7713	1	Washer-Thrust
15	98-7731	2	Bolt
16	98-7719	1	Frame-End
17	98-7721	1	Rectifier ASM
18	98-7733	1	Regulator ASM
19	98-7726	2	Screw-RH
20	98-7724	2	Brush
21	98-7725	2	Spring-Brush
22	98-7723	1	Holder-Brush
23	98-7728	1	Screw-RH
24	98-7720	1	Cover-End

Ref	Part No.	Qty.	Description
25	98-7729	3	Bolt
26	98-7722	1	Bushing-Insulation
27	98-7732	1	Nut



Starter Mount Assembly

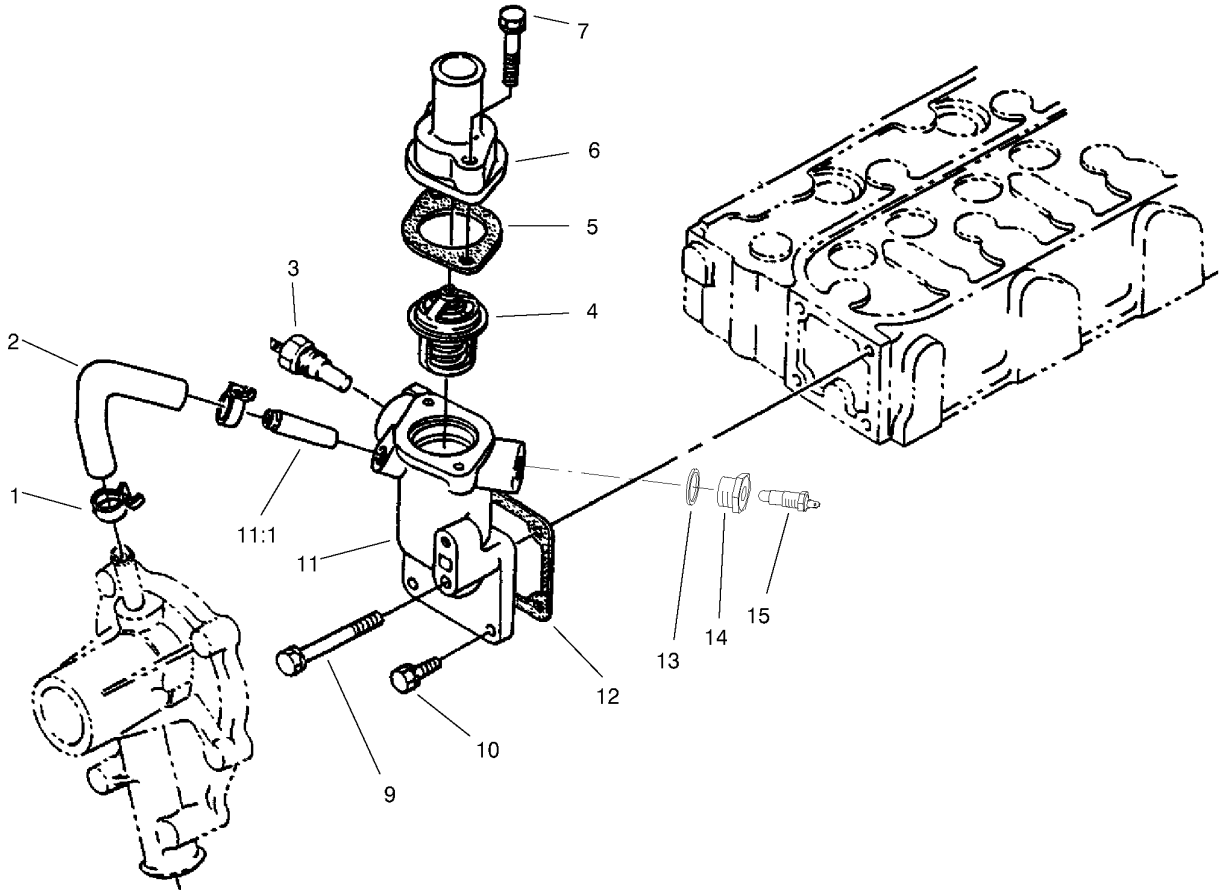
Ref	Part No.	Qty.	Description
1	98-7697	2	Bolt
2	98-9705	1	Starter ASM



Starter Assembly

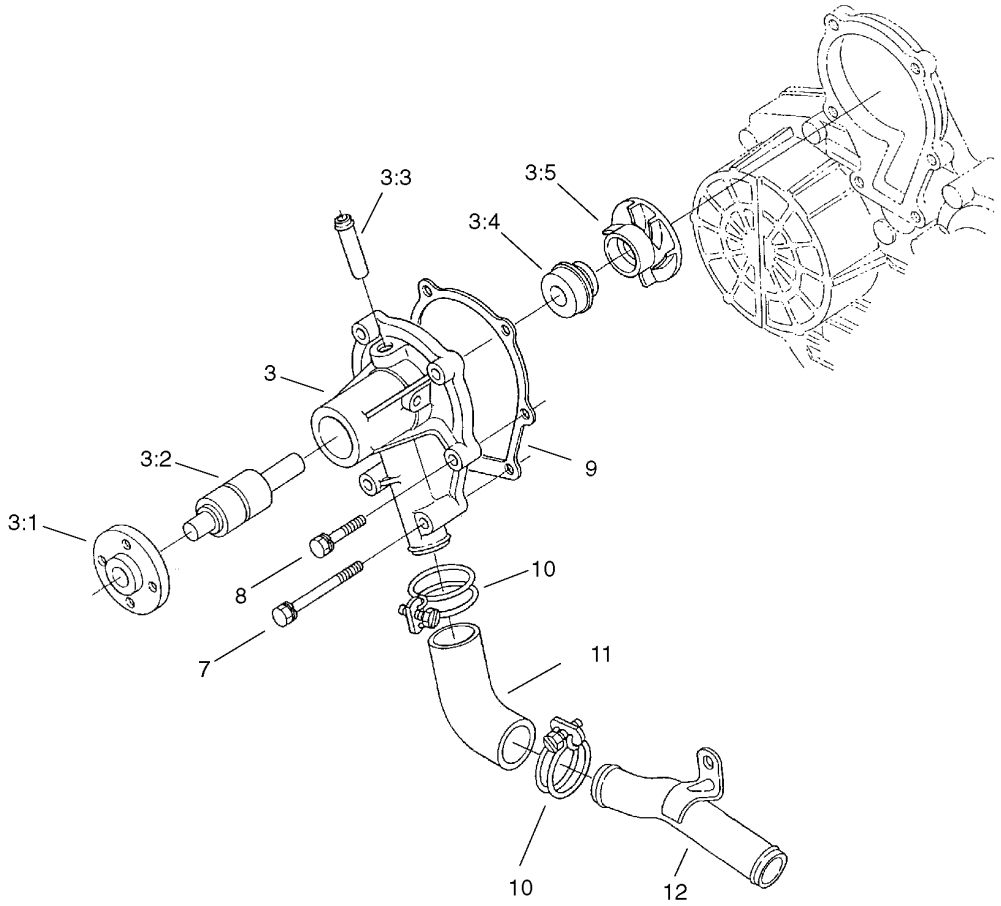
Ref	Part No.	Qty.	Description
2	98-7742	1	Armature ASM
2:1	98-7743	1	Bearing-Ball
2:2	98-7744	1	Bearing-Ball
4	98-7757	2	O-Ring
5	98-7741	1	Yoke ASM
7	98-7749	1	Brush Holder ASM
7:1	98-7750	4	Spring-Brush
8	98-7748	1	Frame-End
9	98-7758	2	Bolt ASM
10	98-9711	1	Cord-Stop, Solenoid
11	98-9712	1	Band-Cover
12	98-9549	2	Bolt
13	98-7759	1	Pipe-Drain
14	99-8375	1	Cover-Cord
15	99-8371	1	Nut-Hex
16	98-7752	1	Retainer
17	98-7753	5	Roller
18	98-7751	1	Gear
19	98-7756	2	Bolt
20	99-8374	1	Frame-End, Drive
21	99-8373	1	Clutch
22	98-7755	1	Ball
23	98-7754	1	Spring
24	99-8372	1	Magnetic Switch ASM

Ref	Part No.	Qty.	Description
25	99-8376	1	Nut



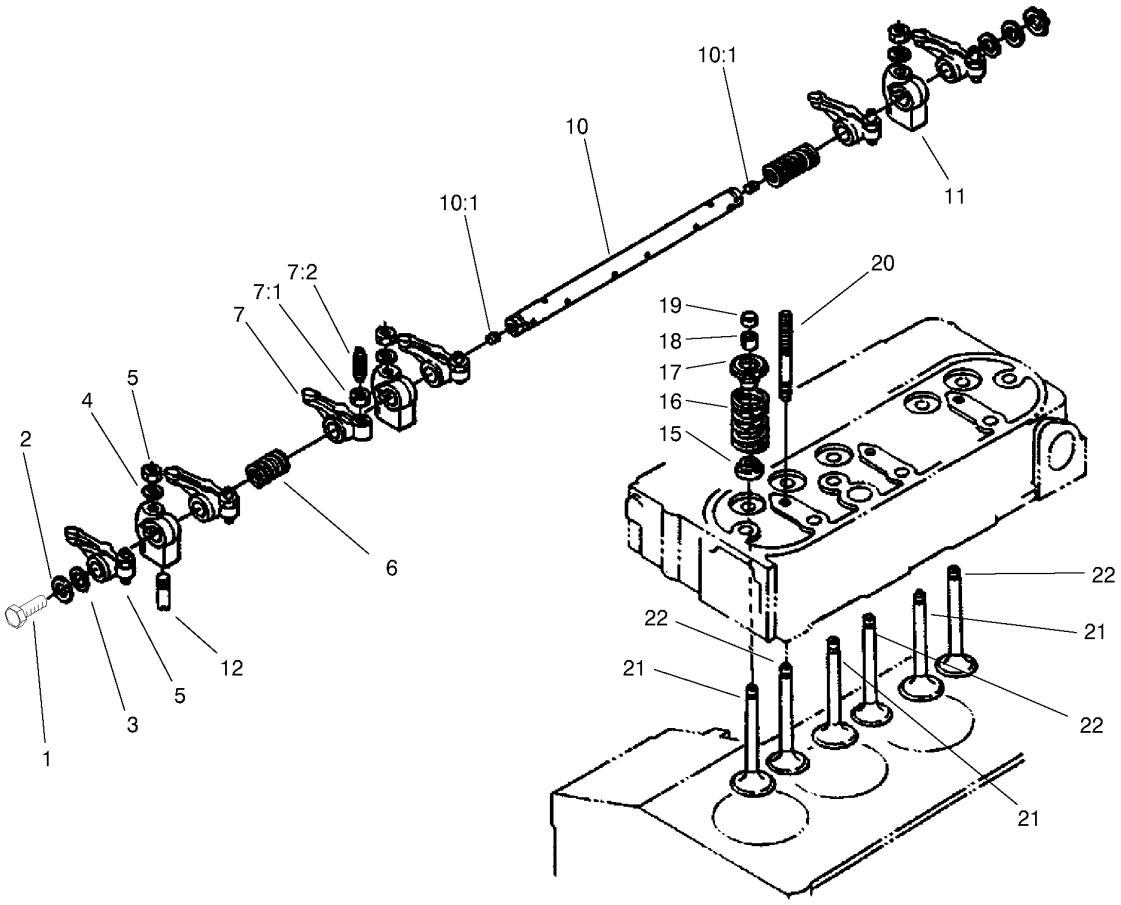
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description
1	98-9579	2	Band-Pipe
2	98-9578	1	Pipe-Return, Water
3	98-9719	1	Thermoswitch
4	98-7778	1	Thermostat ASM
5	98-7776	1	Gasket
6	98-9471	1	Cover-Thermostat
7	98-7777	2	Bolt
9	98-9356	1	Bolt
10	98-7692	3	Bolt
11	98-9713	1	Water Flange ASM
11:1	98-9580	1	Pipe-Return, Water
12	98-9638	1	Gasket-Flange, Water
13	99-3583	1	Packing
14	99-3581	1	Adapter
15	99-3582	1	Thermo-Switch



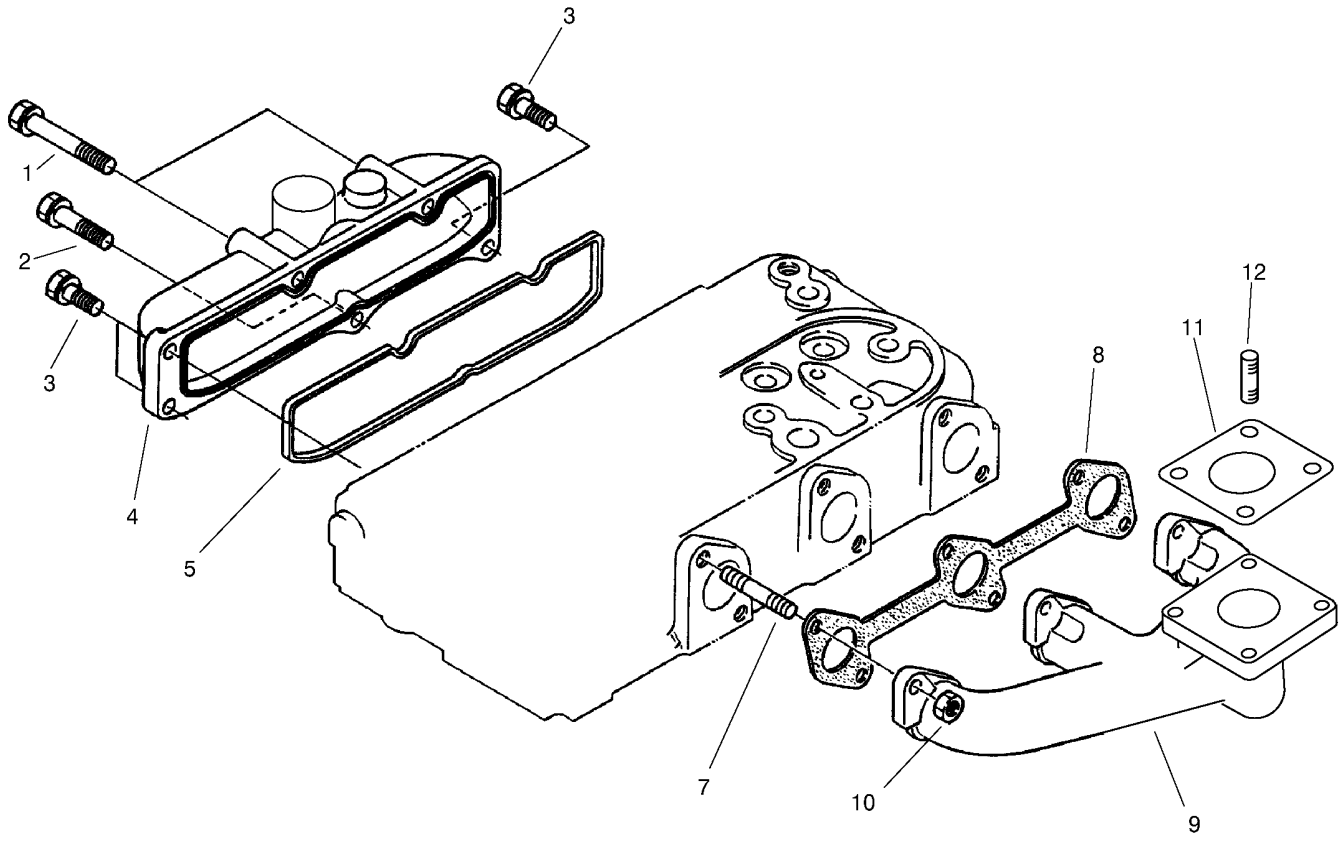
Water Pump Assembly

Ref	Part No.	Qty.	Description
3	99-3455	1	ASM-Pump, Water (Incl. Ref. No.2-6)
3:1	99-3516	1	Flange-Pump, Water
3:2	99-3517	1	Bearing
3:3	98-9577	1	Pipe-Return, Water
3:4	99-3518	1	Seal ASM, Water Pump
3:5	99-3519	1	Impeller-Water
7	98-9357	2	Bolt
8	98-9353	4	Bolt
9	99-3454	1	Gasket-Pump, Water
10	98-9717	2	Clamp
11	98-9574	1	Pipe-Water
12	98-9716	1	Pipe-Water



Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description
1	100-1762	2	Bolt
2	100-1927	2	Washer-Plain
3	98-9507	2	Washer-Shaft, Rocker Arm
4	98-9385	3	Washer-Flat
5	98-9393	3	Nut
6	98-9504	2	Spring-Arm, Rocker
7	98-9501	6	Rocker Arm ASM
7:1	98-9503	6	Nut
7:2	98-9502	6	Screw-Adjusting
10	98-9612	1	Rocker Arm Shaft ASM
10:1	98-9365	2	Screw-Set
11	98-9505	3	Bracket-Arm, Rocker
12	98-7602	1	Pin-Spring
15	99-8385	6	Seal-Stem, Valve
16	98-9648	6	Spring-Valve
17	98-9498	6	Retainer-Valve Spring
18	98-9390	6	Collet-Set, Valve Spring
19	98-9497	6	Cap-Valve
20	98-9506	3	Stud
21	98-9494	3	Valve-Inlet
22	98-9495	3	Valve-Exhaust



Exhaust Manifold and Gasket Assembly

Ref	Part No.	Qty.	Description
1	100-2201	2	Bolt
2	98-9353	1	Bolt
3	98-7605	3	Bolt
4	99-3457	1	Manifold-Inlet
5	98-9609	1	Gasket-Manifold, Inlet
7	98-9588	6	Stud
8	98-9610	1	Gasket-Manifold, Exhaust
9	98-9718	1	Manifold-Exhaust
10	98-9665	6	Nut
11	98-9611	1	Gasket-F/W
12	98-7769	4	Stud


TORO®