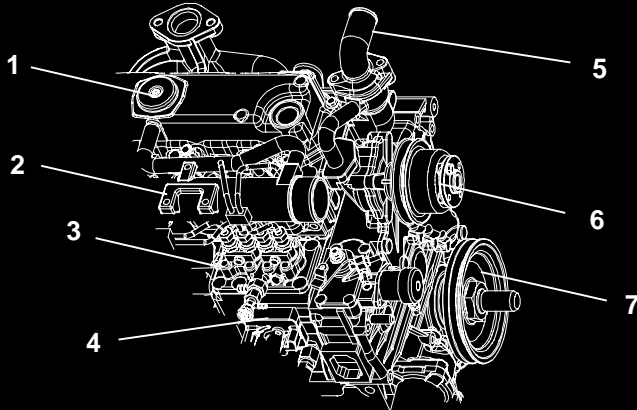




Diesel Engine



SERVICE PARTS LIST
for
V2203-DI (26-00120)
Electronic Speed Control (ESC)
Tier 2



TRANSICOLD

SERVICE PARTS LIST

DIESEL ENGINE

V2203-DI (26-00120)

Electronic Speed Control (ESC)

Tier 2

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INTRODUCTION

This Parts List identifies service replacement parts for the Carrier Transicold models listed in Table 1-1. These diesel engines are manufactured exclusively for Carrier Transicold transport refrigeration by Kubota.

Table 1-1. Model Chart

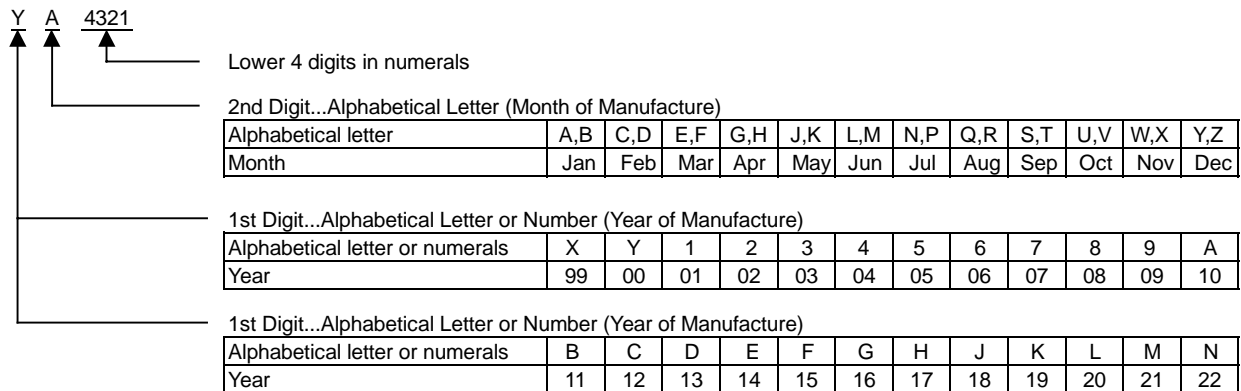
MODEL NO.	ENGINE TYPE	NEW ENGINE PART NO.	PRIMARY USE
V2203-M-DI-E2B-CTD-1	CT4-134-DI (2200 RPM)	26-00120-00	Ultima XT/ XTC
V2203-M-DI-E2B-CTD-2	CT4-134-DI (1700 RPM)	26-00120-01	Ultra XT/ XTC

ENGINE SERIAL NUMBER MATRIX

Old Serial Number:

654321... 6 digits all in numerals - Pre 1999 IDI Engine
 DIB12345... DIB Prefix with a 5 digit number - Pre 1999 DI Engine

New Serial Number:



ORDERING INSTRUCTIONS

All orders and inquiries for parts must include:

- Unit Serial Number
- Part No.
- Description of Part
- Quantity Required

Address all correspondence for parts to the following address:

CARRIER TRANSICOLD DIVISION
 Replacement Components Group, TR-20
 P.O. Box 4805, Syracuse, NY 13221
 or
 Fax to : (315) 432-3778

GENERAL NOTES

To find replacement parts, consult table of contents, and turn to the appropriate page for the illustrated breakdown of replacement parts. The following letter designations are used to classify parts throughout this list:

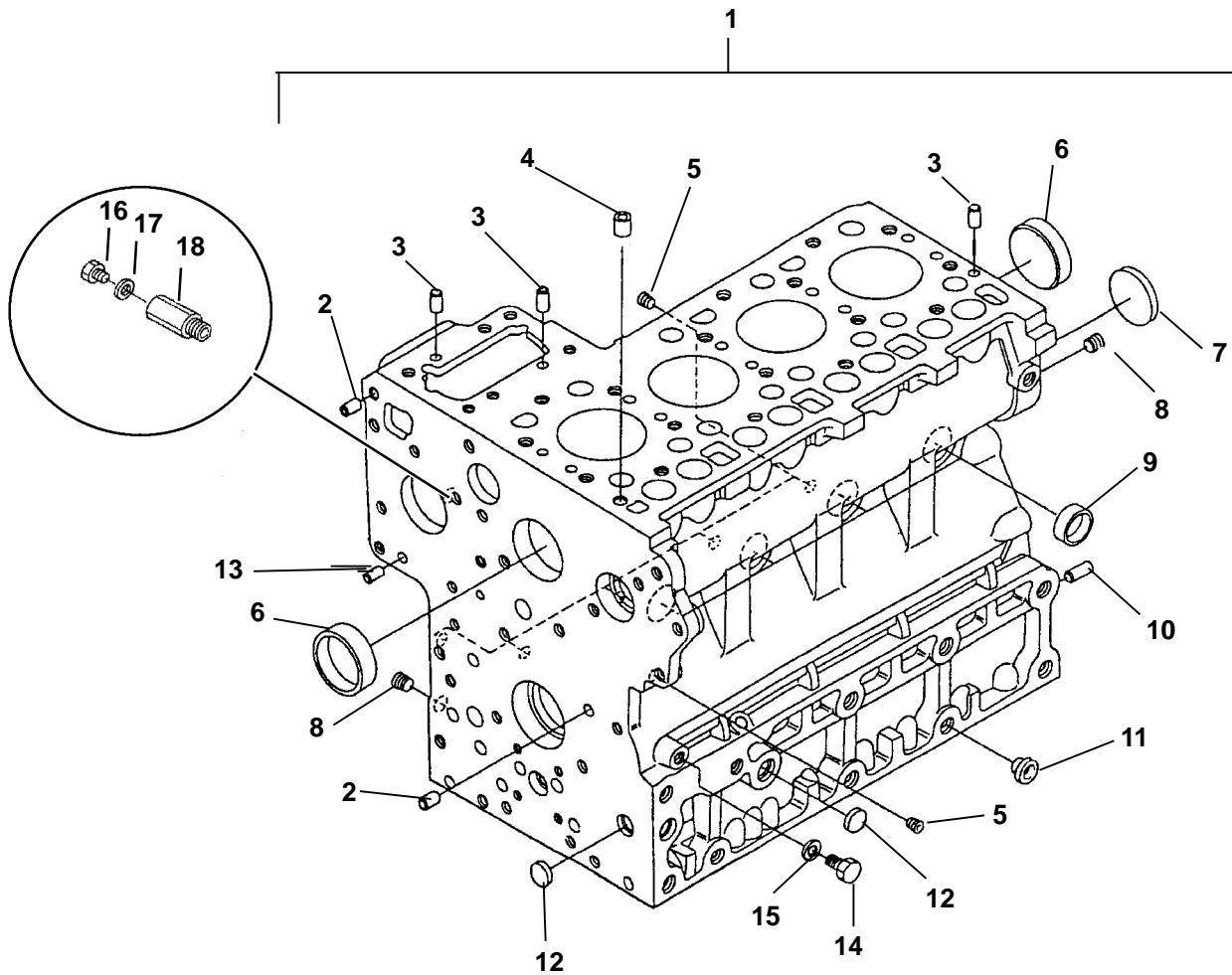
A/R *As Required*

NSS *Not Sold Separately* - order next higher assembly or kit.

NS *Not Shown* in the illustration.

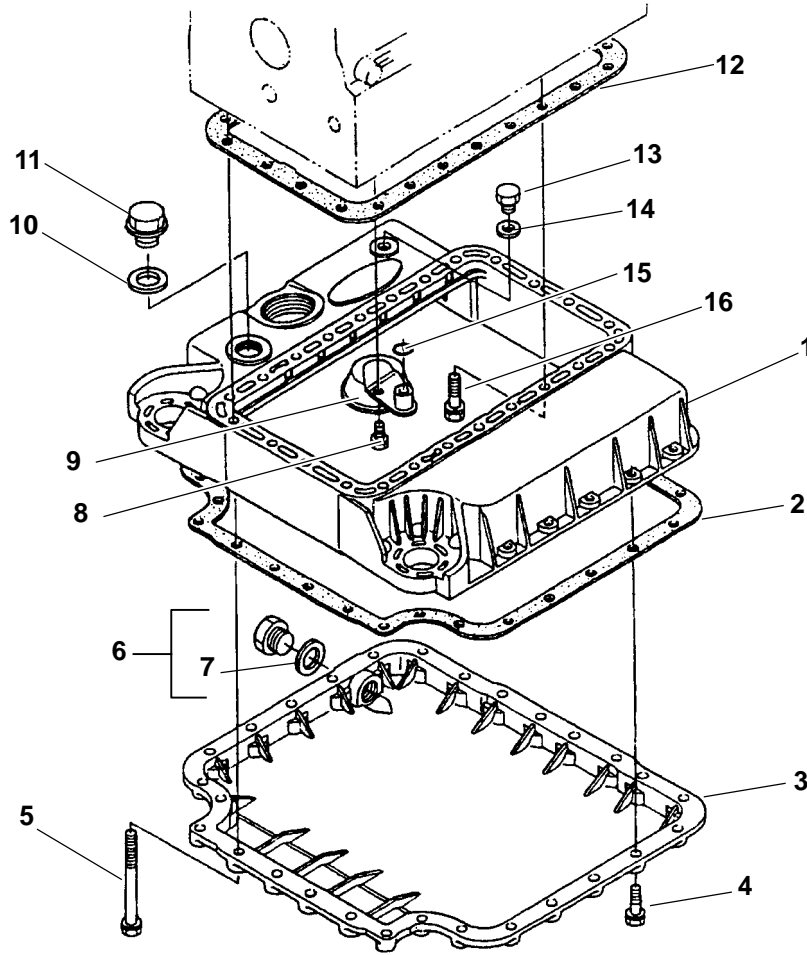
PL *Purchase Locally.*

1. CRANKCASE



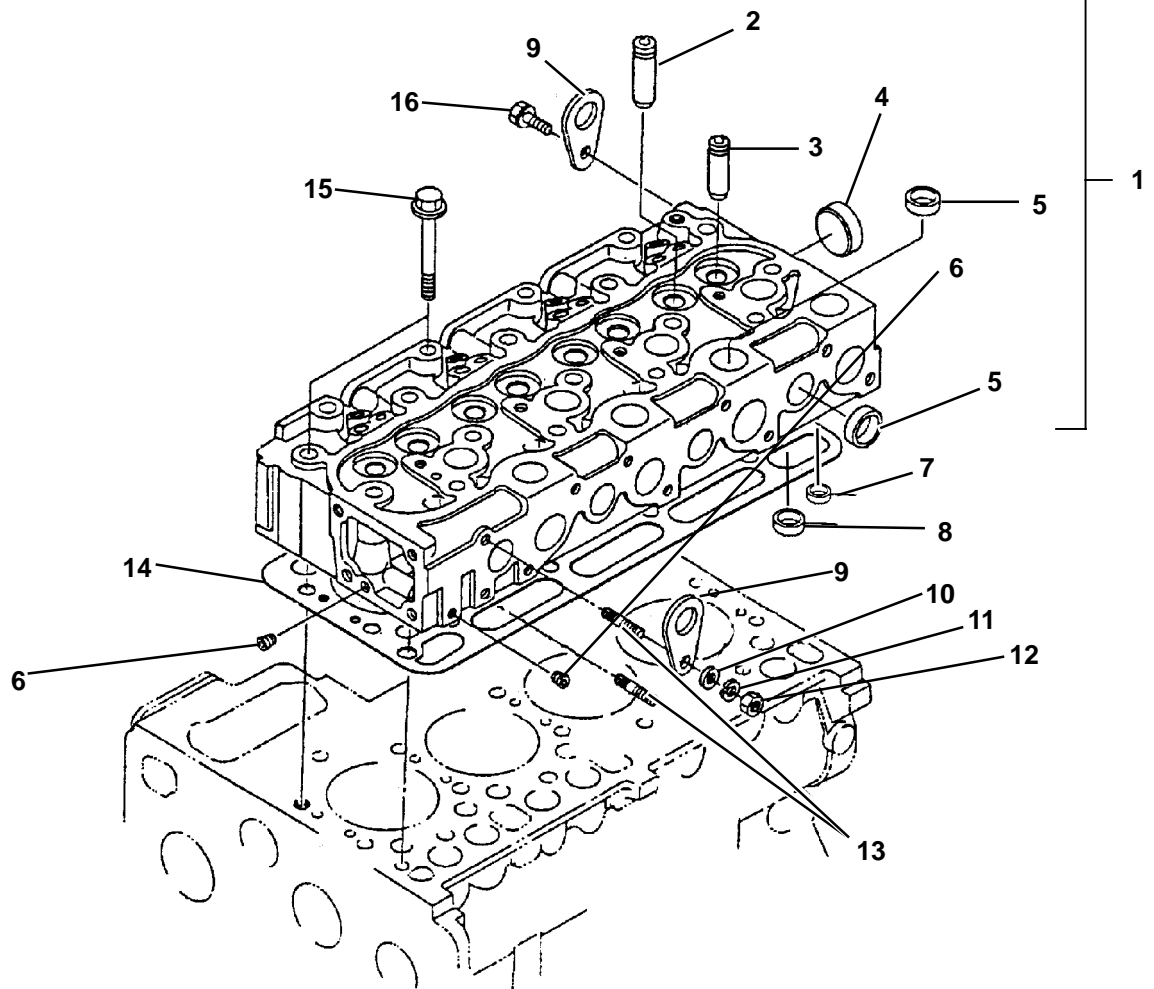
Item	Part Number	Description	Qty
1	25-39359-00	CrankCase, Assembly - Includes:	1
2	25-37695-00	Pin, Straight	2
3	25-37035-00	Pin, Straight	3
4	25-35031-00	Pin, Pipe	1
5	25-37026-00	Plug	5
6	25-37033-00	Cap, Sealing	2
7	25-15004-00	Cap, Sealing	1
8	25-37028-00	Plug	2
9	25-37032-00	Cap, Sealing	6
10	25-37036-00	Pin, Straight	1
11	25-37029-00	Plug	6
12	25-39015-00	Cap, Sealing	3
13	25-37034-00	Pin, Straight	2
14	25-39358-00	Plug	1
15	25-35136-05	Gasket, Copper O-Ring	1
16	25-39360-00	Plug	1
17	25-39361-00	Gasket	1
18	25-39362-00	Adapter, Drain Cock	1

2. OIL PAN



Item	Part Number	Description	Qty
1	25-39292-00	Pan, Oil 2 Piece Top	1
2	25-39028-00	Gasket, Oil Pan Cover 2 Piece	1
3	25-39026-00	Cover, Oil Pan 2 Piece Bottom	1
4	25-39021-00	Bolt	20
5	25-37077-00	Bolt, M10	8
6	25-36738-00SV	Plug & Gasket - Includes:	1
7	25-36739-00	Gasket, Copper O-Ring	1
8	25-37657-00	Bolt, M8 X 16 MM Long Grade 7	1
9	25-37079-00	Screen Filter, Oil Pump Pickup	1
10	25-39276-00	Gasket, Copper O-Ring	1
11	25-39277-00	Plug	1
12	25-39027-00	Gasket, Oil Pan	1
13	25-39029-00	Plug	1
14	25-35045-00	Gasket, Copper O-Ring	1
15	25-39032-00	O-Ring, Oil Pickup Tube	1
16	25-39030-00	Bolt, Metric, M10	16

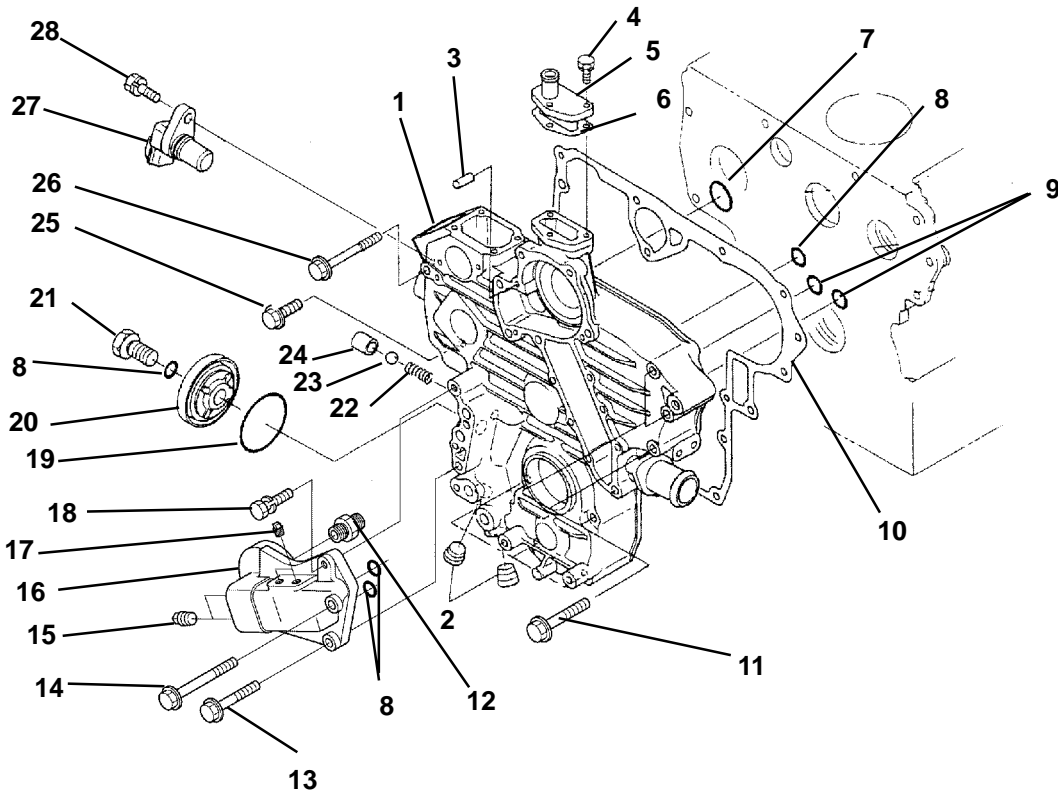
3. CYLINDER HEAD



Item	Part Number	Description	Qty
1	25-15570-00	Cylinder Head - Includes:	1
2	25-39036-00	Guide, Intake (Ream To Size)	4
3	25-15357-00	Guide, Exhaust (Ream To Size)	4
4	25-37107-00	Cap, Sealing	1
5	25-37106-00	Cap, Sealing	12
6	25-37108-00	Plug	2
7	25-39357-00	Seat, Exhaust Valve	4
8	25-39356-00	Seat, Intake Valve	4
9	25-15020-00	Lifting Eye	2
10	25-35531-00	Washer, Plain M8	1
11	25-35687-00	Washer, Spring M8	1
12	25-35685-00	Nut, Hex M8	1
13	25-37119-00	Stud	2
14	25-39355-00	Gasket, Cylinder Head	1
15	25-38528-00	Bolt, Cylinder Head	18
16	944030	Bolt	1

4. GEAR CASE

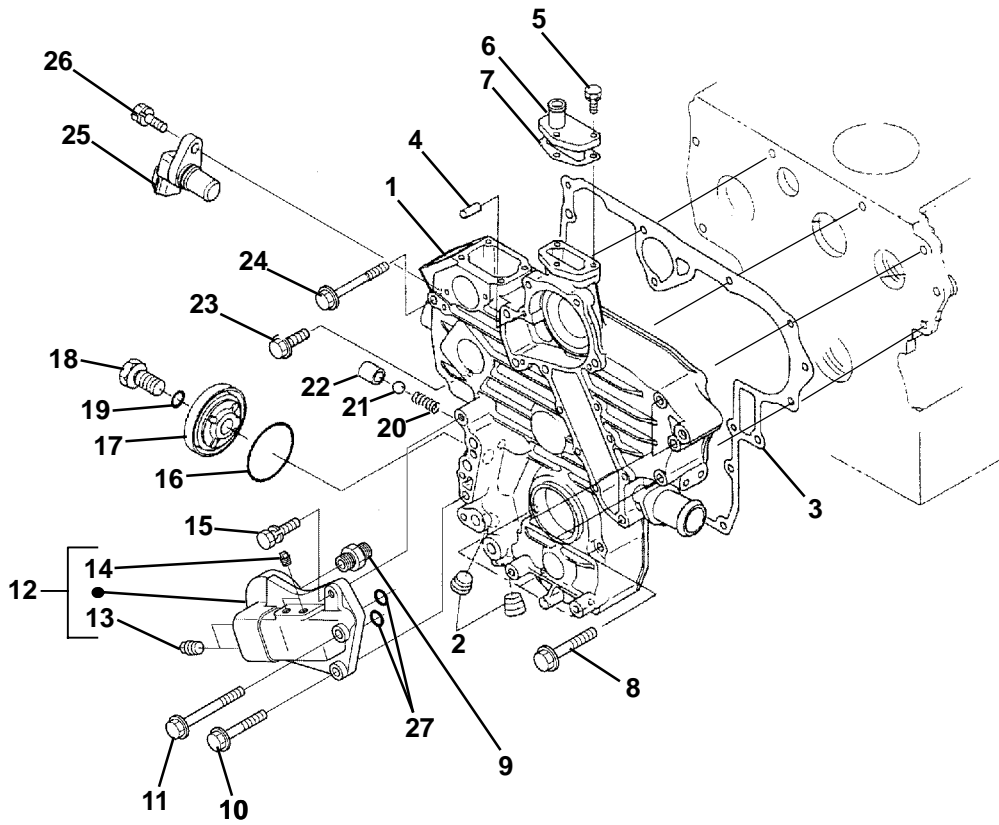
4.a. Gear Case - Prior to S/N 9U0001



4.a. Gear Case - Prior to S/N 9U0001

Item	Part Number	Description	Qty
1	25-15531-00	Gear Case Cover, Assembly - Includes:	1
2	29-70163-00	Plug	3
3	25-37695-00	Pin, Straight	2
4	25-35704-00	Bolt	3
5	25-37155-00	Flange, Water Return	1
6	25-37156-00	Gasket, Return Flange	1
7	25-37143-00	O-Ring	1
8	25-37142-00	O-Ring	3
9	25-15581-00	O-Ring	2
10	25-15534-00	Gasket	1
11	25-15535-00	Bolt, Flange	7
12	25-39321-00	Joint, Pipe	1
13	25-15536-00	Bolt, Flange	1
14	25-15537-00	Bolt, Flange	1
15	29-70163-00	Plug	2
16	25-15538-00	Base, Oil Filter	1
17	25-36683-00	Plug	2
18	25-37662-00	Bolt	1
19	25-37158-00	O-Ring	1
20	25-15532-00	Cover	1
21	25-15533-00	Bolt - Includes:	2
8	25-37142-00	O-Ring	1
22	25-37152-00	Spring	11
23	25-37154-00	Ball	1
24	25-39066-00	Seat, Valve	1
25	25-39394-00	Bolt, Flange	1
26	25-39064-00	Bolt, Flange	2
27	25-38771-00	Sensor, Revolution (Speed)	1
28	25-36710-00	Bolt	1

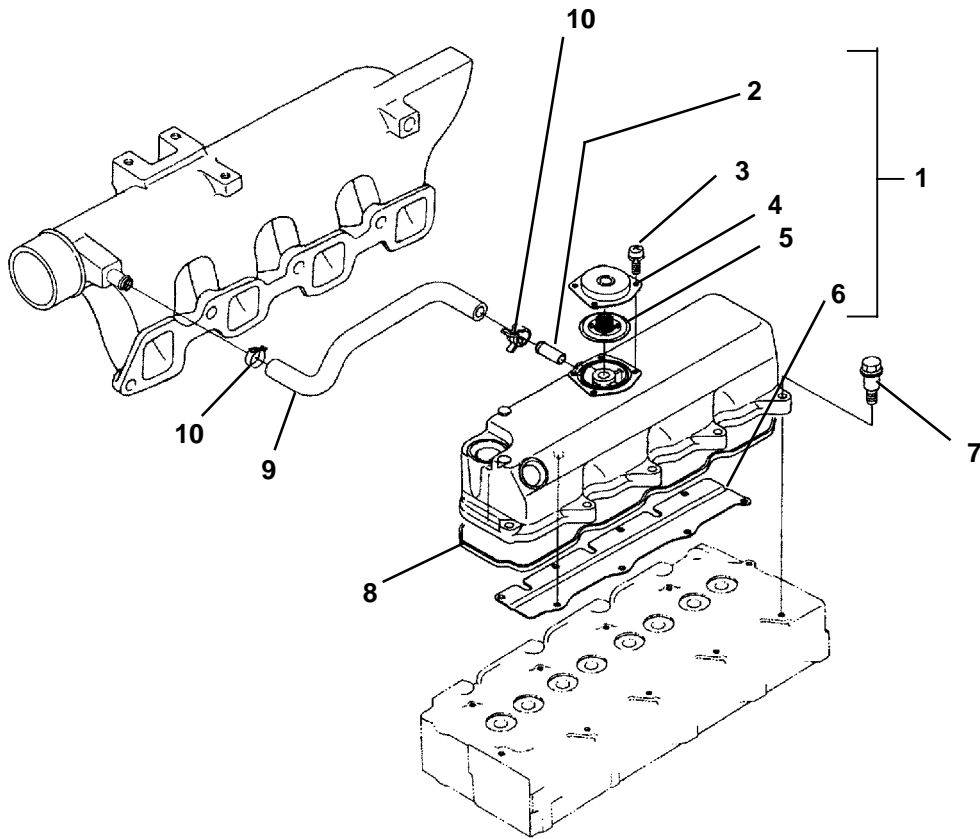
4.b. Gear Case - Starting With S/N 9U0001



4.b. Gear Case - Starting With S/N 9U0001

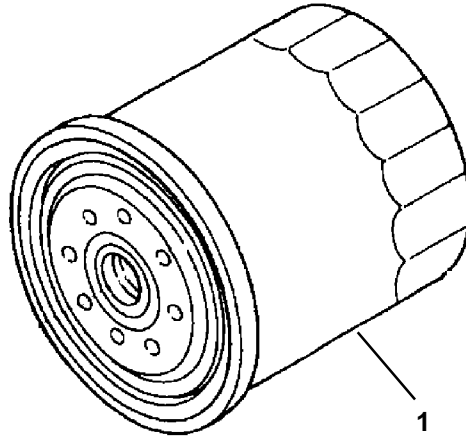
Item	Part Number	Description	Qty
1	25-39541-00SV	Gear Case Cover, Assembly - Includes:	1
2	29-70163-00	Plug	3
3	25-39542-00	Gasket	1
4	25-37695-00	Pin, Straight	2
5	25-39516-00	Bolt	3
6	25-37155-00	Flange, Water Return	1
7	25-37156-00	Gasket, Return Flange	1
8	25-15535-00	Bolt, Flange	7
9	25-39321-00	Joint, Pipe	1
10	25-15536-00	Bolt, Flange	1
11	25-15537-00	Bolt, Flange	1
12	25-15538-00	Base, Oil Filter - Includes:	1
13	29-70163-00	Plug	2
14	25-39436-00	Plug	2
15	25-39394-00	Bolt	1
16	25-37158-00	O-Ring	1
17	25-15532-00	Cover	1
18	25-15533-00	Bolt - Includes:	2
19	25-37142-00	O-Ring	1
20	25-37152-00	Spring	11
21	25-37154-00	Ball	1
22	25-39066-00	Seat, Valve	1
23	25-39394-00	Bolt, Flange	1
24	25-39064-00	Bolt, Flange	2
25	25-38771-00	Sensor, Revolution (Speed)	1
26	25-36710-00	Bolt	1
27	25-37142-00	O-Ring	2

5. HEAD COVER



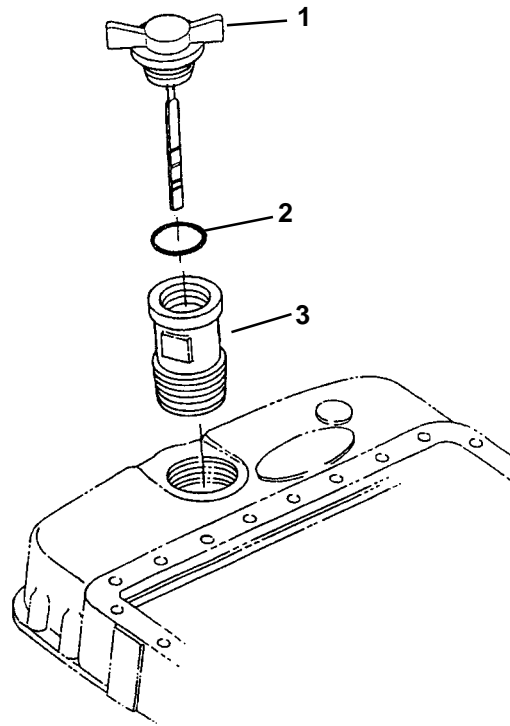
Item	Part Number	Description	Qty
1	25-38769-00	Cover, Cylinder Head - Includes:	1
2	25-38727-00	Pipe, Water Return	1
3	25-36197-00	Screw, With Washer	4
4	25-38719-00	Cover, Breather	1
5	25-38720-00	Valve, Breather	1
6	25-38712-00	Shield, Breather	1
7	25-38714-00	Bolt	10
8	25-38713-00	Gasket, Valve Cover	1
9	25-38725-00	Tube, Breather	1
10	44-00045-01	Clamp	2

6. OIL FILTER



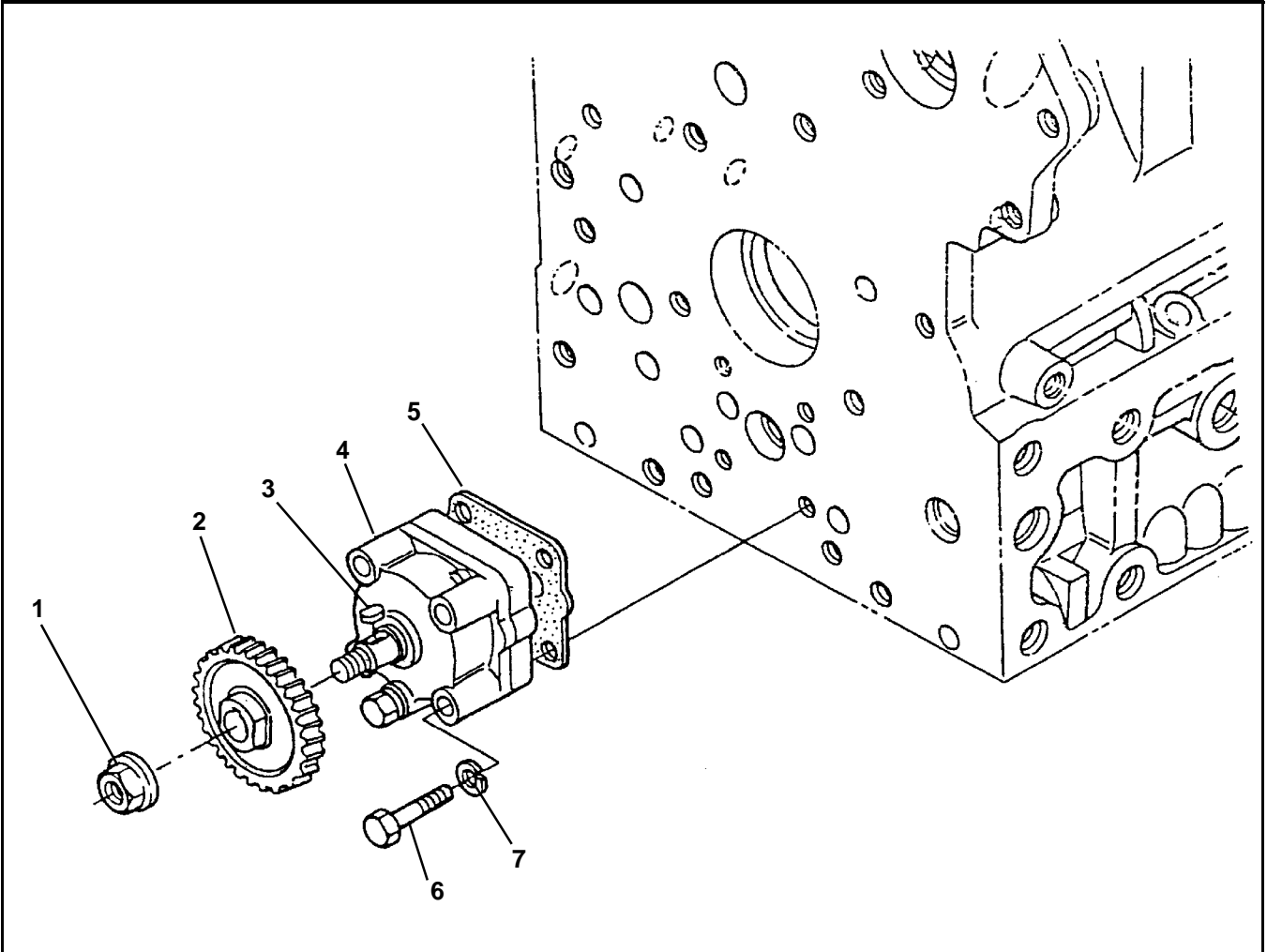
Item	Part Number	Description	Qty
1	30-00463-00	Cartridge, Oil Filter (ESI)	1

7. DIPSTICK



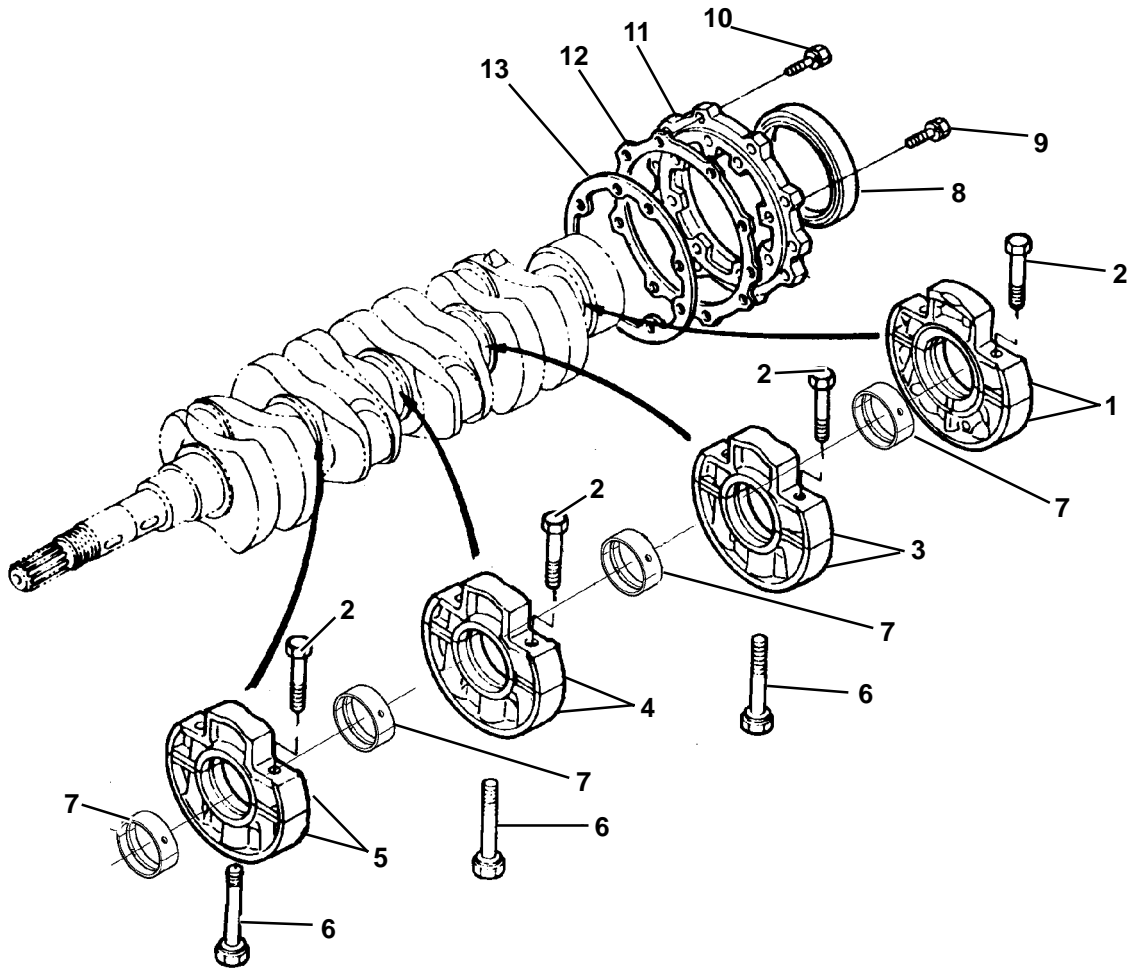
Item	Part Number	Description	Qty
1	25-15070-00	Dipstick / Fill Cap	1
2	25-37310-00	O-Ring	1
3	25-15071-00	Tube, Oil Fill	1

8. OIL PUMP



Item	Part Number	Description	Qty
1	25-37045-00	Nut, Flange	1
2	25-37043-00	Gear, Oil Pump Drive	1
3	25-37044-00	Key, Feather	1
4	25-37040-00	Pump, Oil	1
5	25-37041-00	Gasket, Oil Pump	1
6	25-37042-00	Bolt	4
7	25-35692-00	Washer, Spring, M6	4

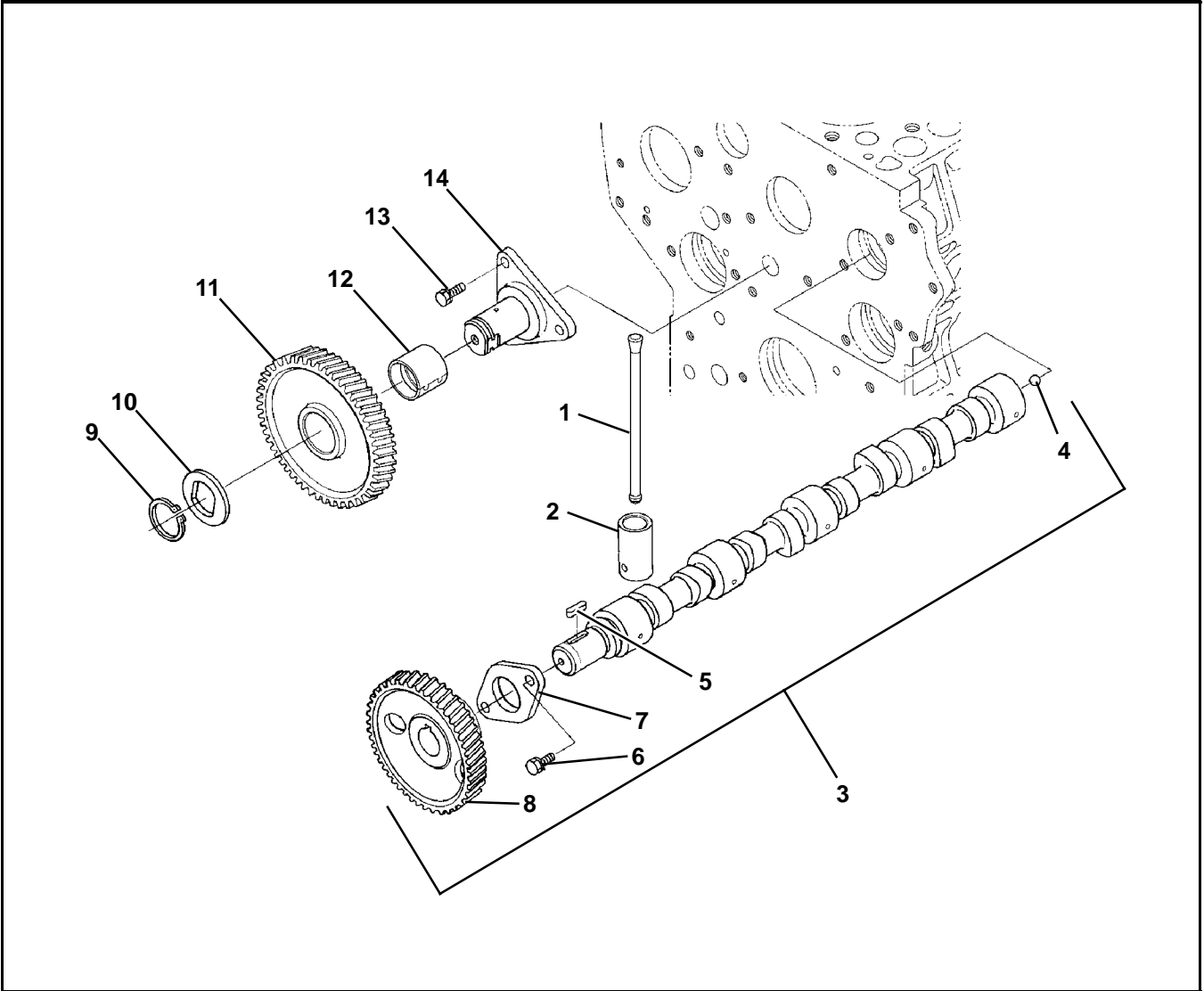
9. MAIN BEARING CASE



Item	Part Number	Description	Qty
1	25-39371-00	Case, Main Bearing, #4 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
3	25-39375-00	Case, Main Bearing, #3 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
4	25-39374-00	Case, Main Bearing, #2 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
5	25-39373-00	Case, Main Bearing, #1 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
6	25-37191-01	Bolt, Bearing Case	3
7	25-39378-00	Bearing, Main STD (Single Pack)	4
	25-39379-00	Bearing, Main 0.2MM (Single Pack)	4
	25-39380-00	Bearing, Main 0.4MM (Single Pack)	4
8	25-37198-00	Seal, Rear Oil	1
9	25-38718-00	Bolt	8
10	25-37660-00	Bolt	8
11	25-39377-00	Cover, Bearing Case	1
12	25-38717-00	Gasket, Case Cover	1
13	25-39376-00	Gasket, Bearing Case	1

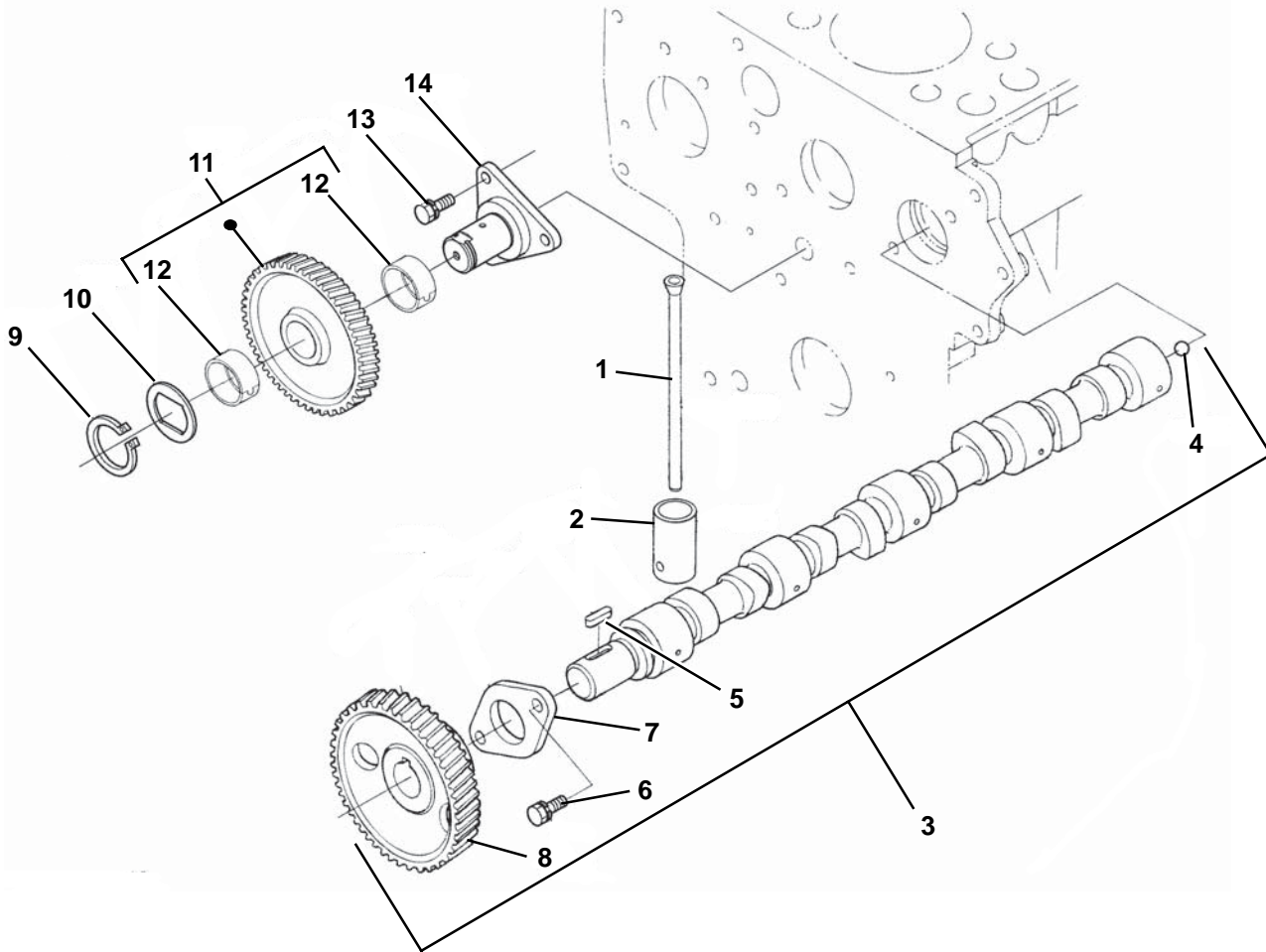
10. CAMSHAFT AND IDLE GEAR SHAFT

10.a. Camshaft And Idle Gear Shaft - Prior To S/N 9U0001



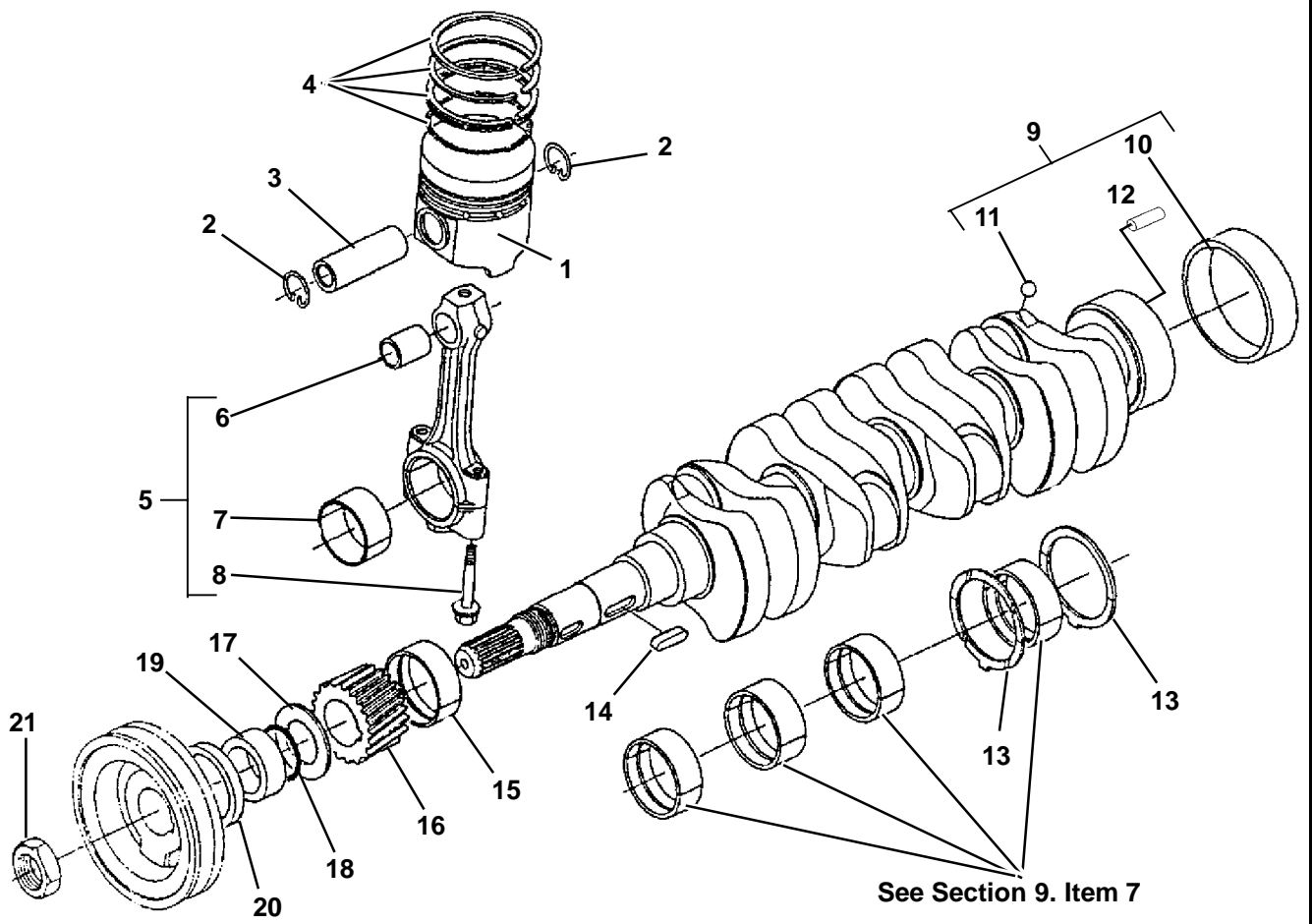
Item	Part Number	Description	Qty
1	25-38600-00	Push Rod	8
2	25-39100-00	Tappet	8
3	25-39381-00	Camshaft Assembly - Includes:	1
4	25-34169-00	Ball	1
5	25-37700-00	Key Feather	1
6	25-39389-00	Bolt	2
7	25-39383-00	Thrust Plate, Camshaft	1
8	25-39382-00	Gear, Camshaft	1
9	25-39387-00	Cir-Clip, Idler Gear	1
10	25-39386-00	Collar	1
11	25-39384-00	Gear, Idler - Includes:	1
12	25-15539-00	Bushing, Idler Gear	1
13	25-39389-00	Bolt	3
14	25-39388-00	Shaft, Idler Gear	1

10.b. Camshaft And Idle Gear Shaft - Starting With S/N 9U0001



Item	Part Number	Description	Qty
1	25-38600-00	Push Rod	8
2	25-39100-00	Tappet	8
3	25-39381-00	Camshaft Assembly - Includes:	1
4	25-34169-00	Ball	1
5	25-37700-00	Key Feather	1
6	25-39389-00	Bolt	2
7	25-39383-00	Thrust Plate, Camshaft	1
8	25-39382-00	Gear, Camshaft	1
9	25-39545-00	Cir-Clip, Idler Gear	1
10	25-39544-00	Collar	1
11	25-37354-00	Gear, Idler - Includes:	1
12	25-39543-00	Bushing, Idler Gear	2
13	25-39389-00	Bolt	3
14	25-39546-00	Shaft, Idler Gear	1

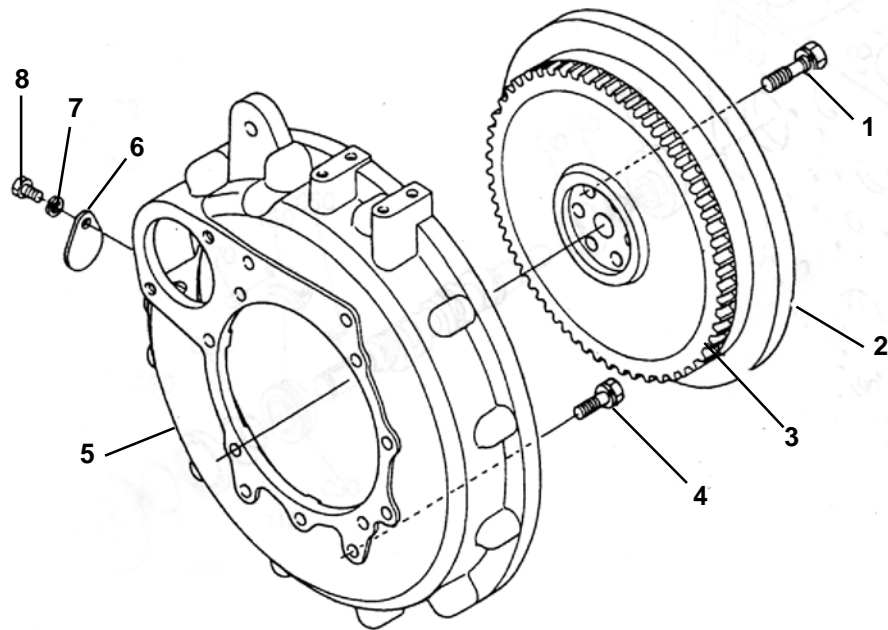
11. PISTON AND CRANKSHAFT



11. PISTON AND CRANKSHAFT

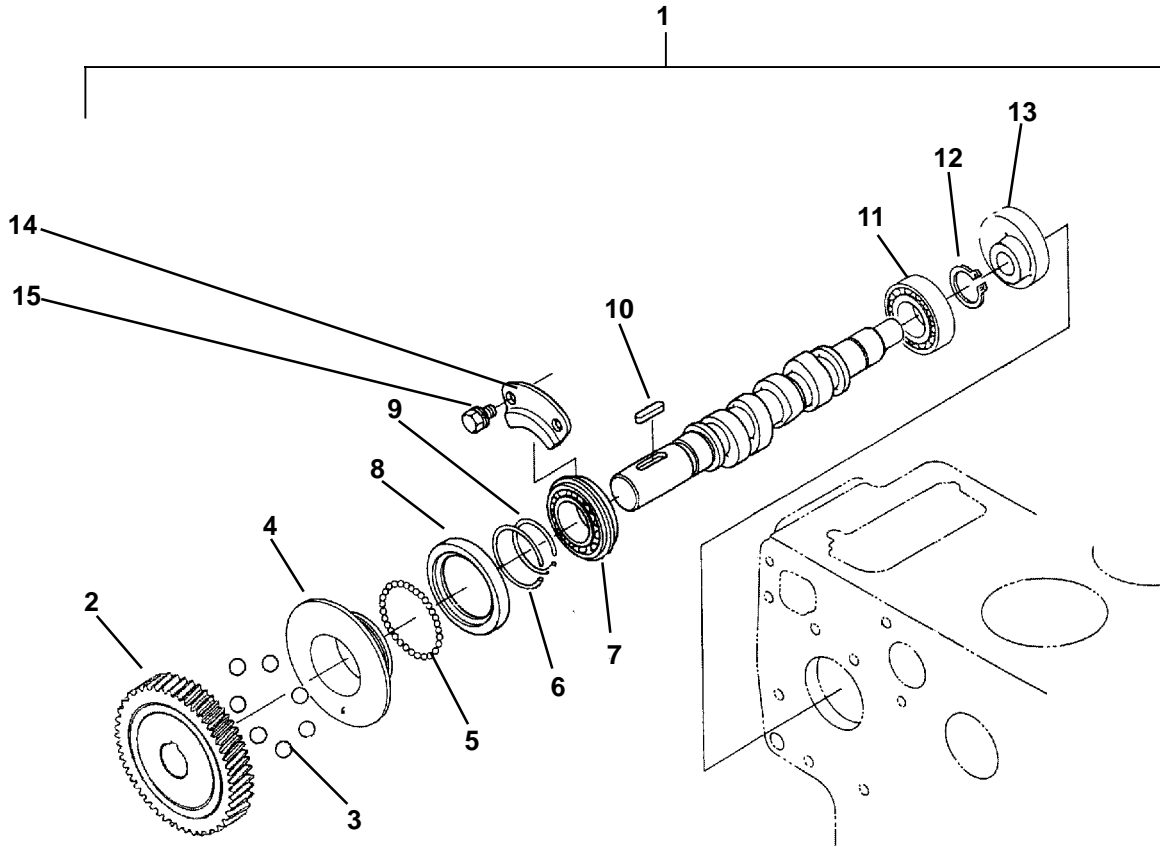
Item	Part Number	Description	Qty
1	25-39419-00	Piston, STD - Includes:	4
	25-39428-00	Piston, (+0.25MM) - Includes:	4
2	25-39416-00	Cir-Clip, Piston Pin	8
3	25-38118-00	Pin, Piston	4
4	25-39410-00	Ring Set, STD	4
	25-39411-00	Ring Set, (+0.25MM)	4
5	25-39112-00	Connecting Rod, Assembly - Includes:	4
6	25-38121-00	Bushing, Piston Pin	4
7	25-39122-00	Bearing, Rod STD	4
	25-38122-01	Bearing, Rod (+0.2MM)	4
	25-38122-02	Bearing, Rod (+0.4MM)	4
8	25-37384-13	Bolt, Connecting Rod	8
9	25-15573-00	Crankshaft, Prior To S/N 8A0001 - Includes:	1
	25-39539-00SV	Crankshaft, Starting With S/N 8A0001 - Includes:	
10	25-37385-02	Wear Sleeve, Crankshaft Rear	1
11	25-34169-00	Ball	4
12	25-39535-00	Pin, Alignment (Used With 25-39539-00SV Only)	1
13	25-39403-00	Thrust-washer, Kit STD	1
	25-39404-00	Thrust-washer, Kit (0.2MM)	1
	25-39405-00	Thrust-washer, Kit (0.4MM)	1
14	25-37700-00	Key Feather	1
15	25-39400-00	Bearing #1 Front Main STD	1
	25-39401-00	Bearing #1 Front Main (-0.2MM)	1
	25-39402-00	Bearing #1 Front Main (-0.4MM)	1
16	25-37386-00	Gear, Crankshaft	1
17	25-39347-00	Slinger, Oil	1
18	25-37389-00	O-Ring	1
19	25-37388-00	Wear Sleeve, Crankshaft Front	1
20	25-37396-01	Seal, Front	1
21	25-37390-00	Nut, Crankshaft	1

12. FLYWHEEL



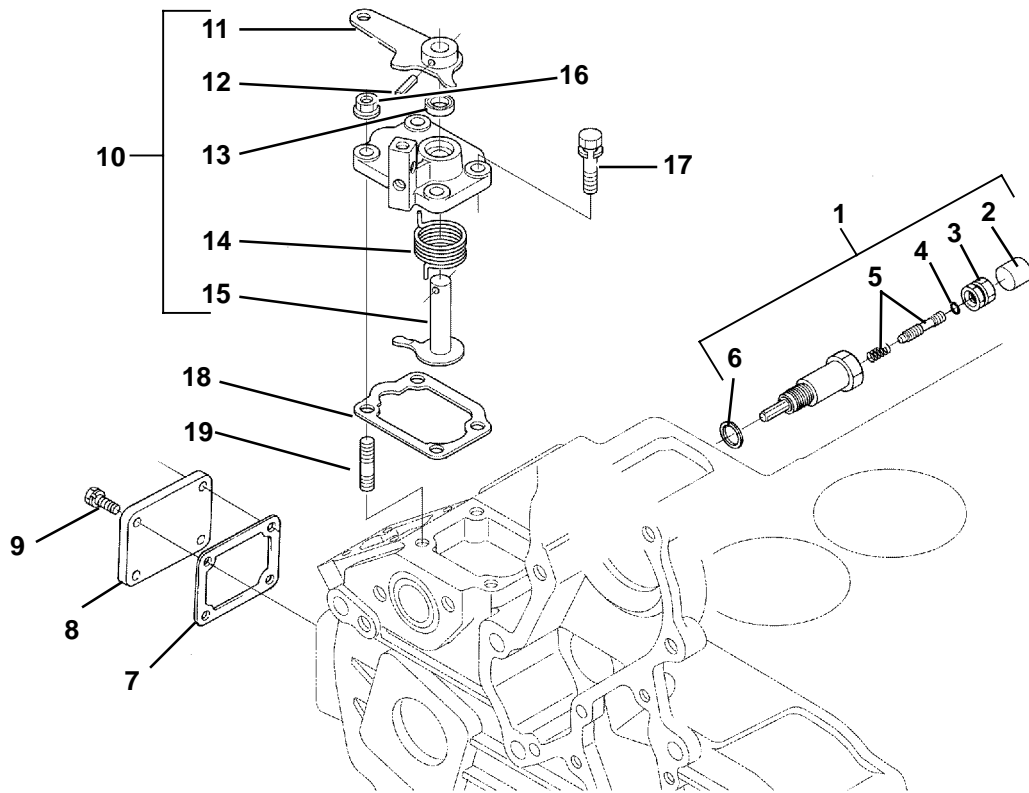
Item	Part Number	Description	Qty
1	25-37421-01	Bolt, Flywheel, Prior To S/N 8A0001	6
	25-39533-00	Bolt, Flywheel, Starting With S/N 8A0001	
2	25-39126-00	Flywheel Assembly, Prior To S/N 8A0001 - Includes:	1
3	25-39125-01	Gear, Ring (Flywheel), Prior To S/N 8A0001	1
2	25-39540-00	Flywheel Assembly, Starting With S/N 8A0001 - Includes:	1
3	25-39125-00	Gear, Ring (Flywheel), Starting With S/N 8A0001	1
4	25-39001-00	Bolt	11
5	25-39293-00	Housing, Flywheel	1
6	25-39000-00	Cover	1
7	25-35687-00	Washer, Spring	1
8	25-37425-00	Bolt	1

13. FUEL CAMSHAFT



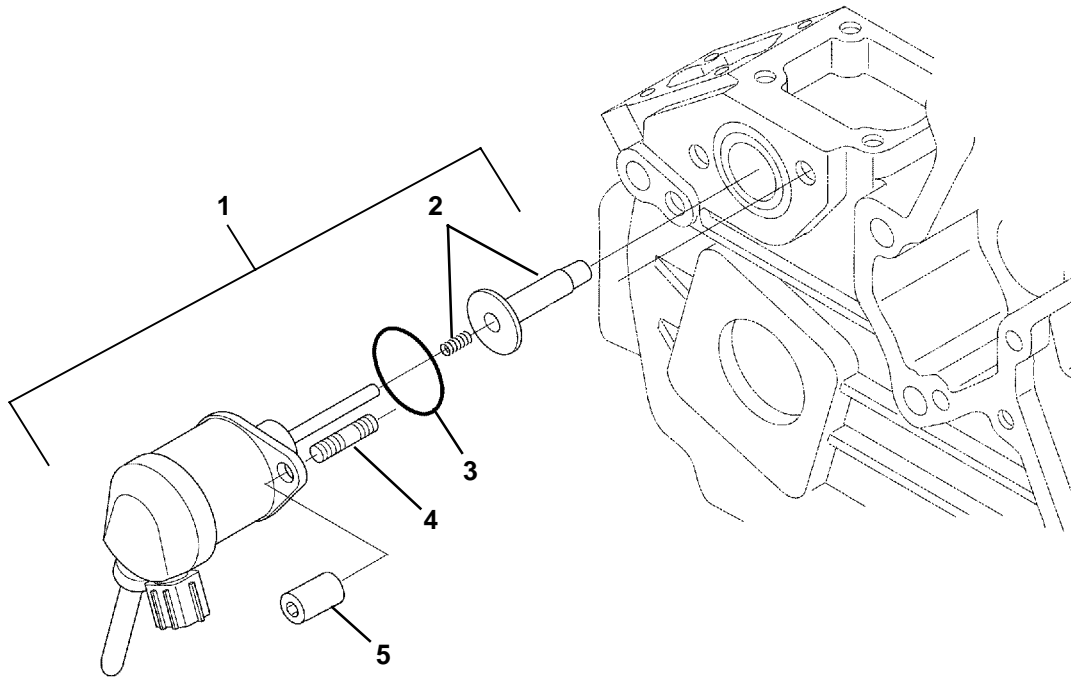
Item	Part Number	Description	Qty
1	25-15358-00	Camshaft, Fuel Injection Pump - Includes:	1
2	25-15359-00	Gear, Injection Pump	1
3	25-39365-00	Ball	7
4	25-38165-00	Sleeve, Governor	1
5	25-35389-00	Ball	39
6	25-37436-00	Cir-Clip	1
7	25-37431-00	Bearing, Ball	1
8	25-39364-00	Case, Governor Ball	1
9	25-37436-00	Cir-Clip, Sleeve	1
10	25-37433-00	Key, Feather	1
11	25-39366-00	Bearing	1
12	25-37447-00	Cir-Clip, External	1
13	25-38661-00	Camshaft, Feed Pump	1
14	25-15347-00	Stopper, Fuel Camshaft	1
15	944030	Bolt	2

14. ENGINE STOP LEVER



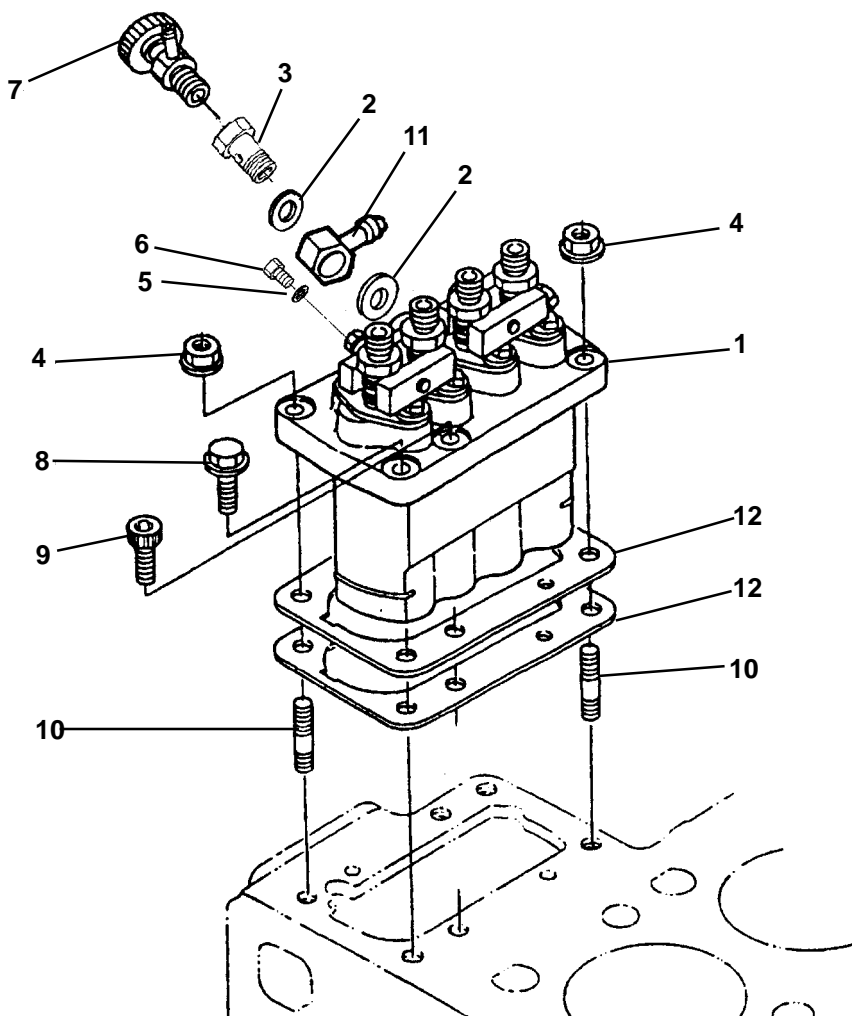
Item	Part Number	Description	Qty
1	25-39301-00	Idling Apparatus - Includes:	1
2	25-39264-00	Cap	1
3	25-39262-00	Nut, Spring	1
4	25-39266-00	O-Ring	1
5	25-39257-00	Bolt, Adjusting	1
6	25-39267-00	Gasket	1
7	25-37537-00	Gasket, Pump Cover	1
8	25-15546-00	Cover, Injection Pump	1
9	25-36710-00	Bolt	4
10	25-15540-00	Lever, Engine Stop - Includes:	1
11	25-15542-00	Lever, Engine Stop	1
12	25-37536-00	Pin, Spring	1
13	25-15543-00	Seal, Oil	1
14	25-15544-00	Spring, Return	1
15	25-15541-00	Lever, Stop	1
16	25-15273-00	Nut, Flange	2
17	25-35678-00	Bolt	2
18	25-15545-00	Gasket, Plate	1
19	25-37672-00	Stud	2

15. FUEL SPEED SOLENOID



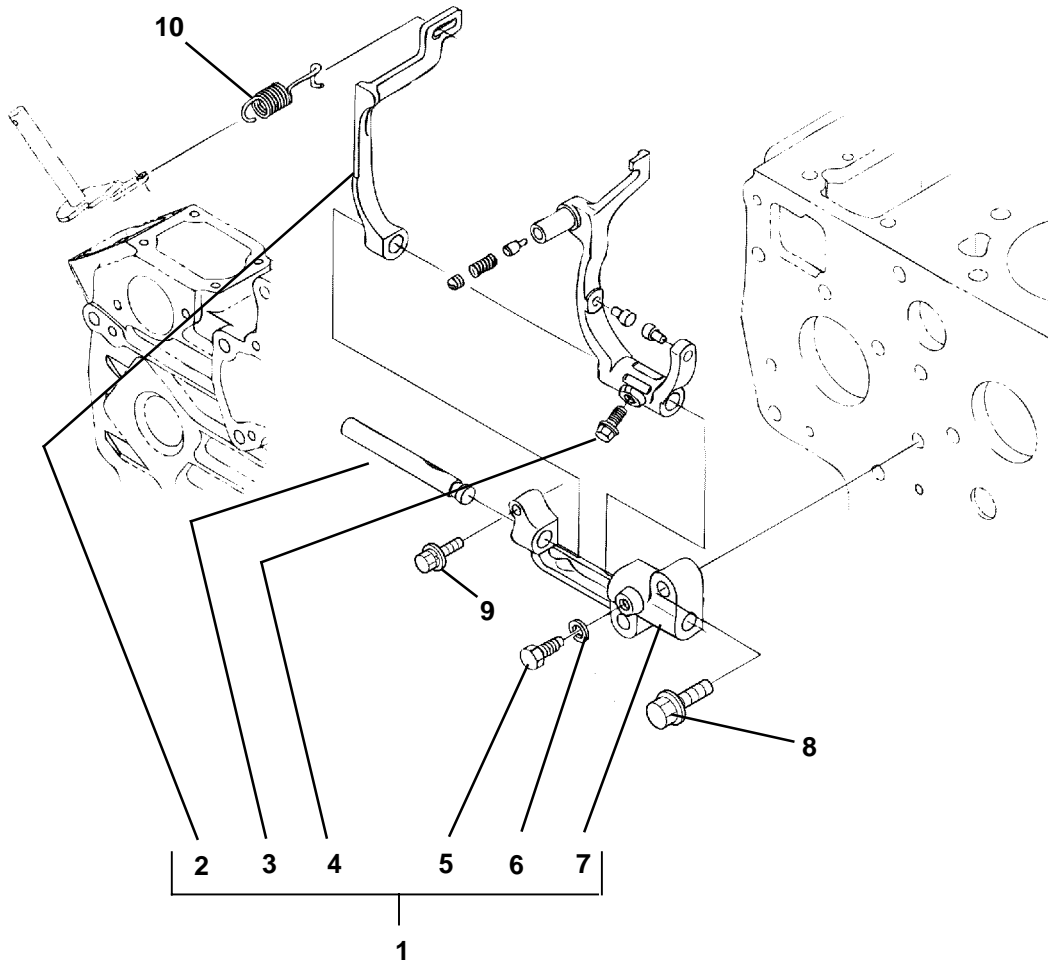
Item	Part Number	Description	Qty
1	25-38773-00	Solenoid Assembly - Includes:	1
2	25-38772-00	Guide, Solenoid	1
3	25-15547-00	O-Ring	1
4	25-37672-00	Stud	2
5	25-15548-00	Nut	2

16. INJECTION PUMP



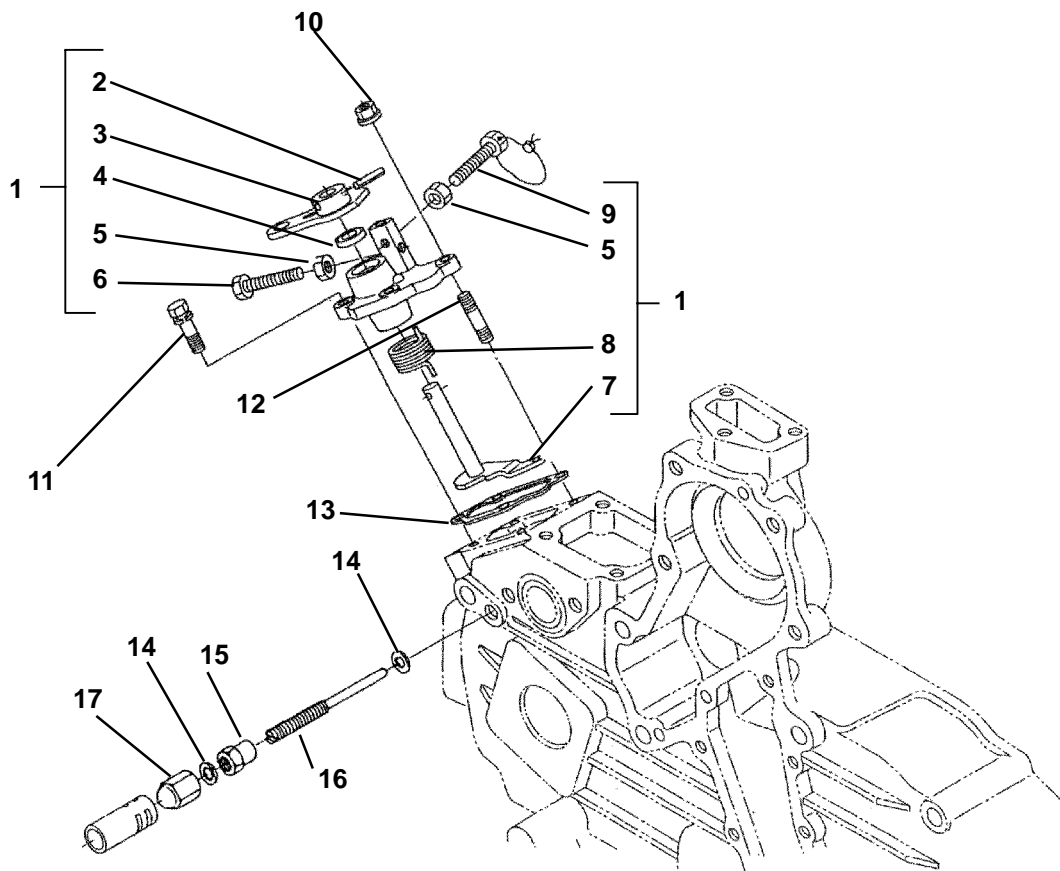
Item	Part Number	Description	Qty
1	25-39352-00SV	Injection Pump - Includes:	1
2	25-39675-00	Gasket, 12 MM I.D.	2
3	25-39676-00	Bolt, Banjo	1
4	25-39095-00	Nut, Flange	3
5	25-36643-00	Gasket	2
6	25-36619-00	Screw, Air Bleed	2
7	25-37593-00	Valve, Fuel Bleed	1
8	25-39093-00	Bolt, Flange	3
9	25-39097-00	Bolt, Hex-Socket	1
10	25-37237-00	Stud	2
11	25-35485-00	Fitting, Banjo	1
12	25-15576-00	Shim (0.175 MM)	A/R
	25-39390-00	Shim (0.200 MM)	A/R
	25-39391-00	Shim (0.250 MM)	A/R
	25-39392-00	Shim (0.300 MM)	A/R
	25-39393-00	Shim (0.350 MM)	A/R

17. GOVERNOR



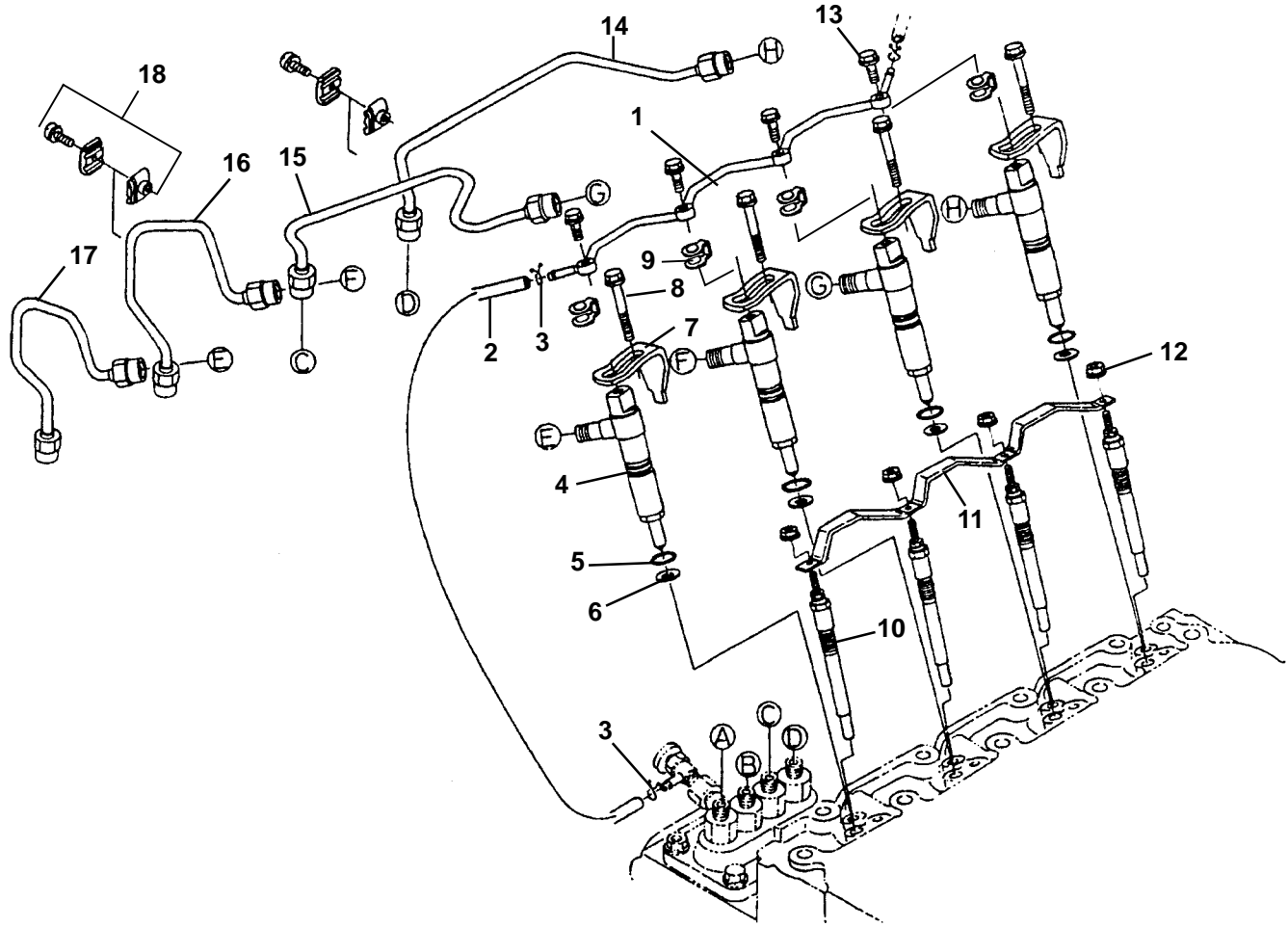
Item	Part Number	Description	Qty
1	25-15549-00	Lever Assembly, Fork - Includes:	1
2	25-15550-00	Lever, Fork	1
3	25-39272-00	Shaft, Fork Lever	1
4	25-39273-00	Bolt, Flange	1
5	25-35354-00	Bolt	1
6	25-35692-00	Washer, Flange	1
7	25-39274-00	Holder, Fork Lever	1
8	25-39394-00	Bolt, Flange	2
9	25-39395-00	Bolt	1
10	25-15551-00	Spring, Governor	1

18. SPEED CONTROL PLATE



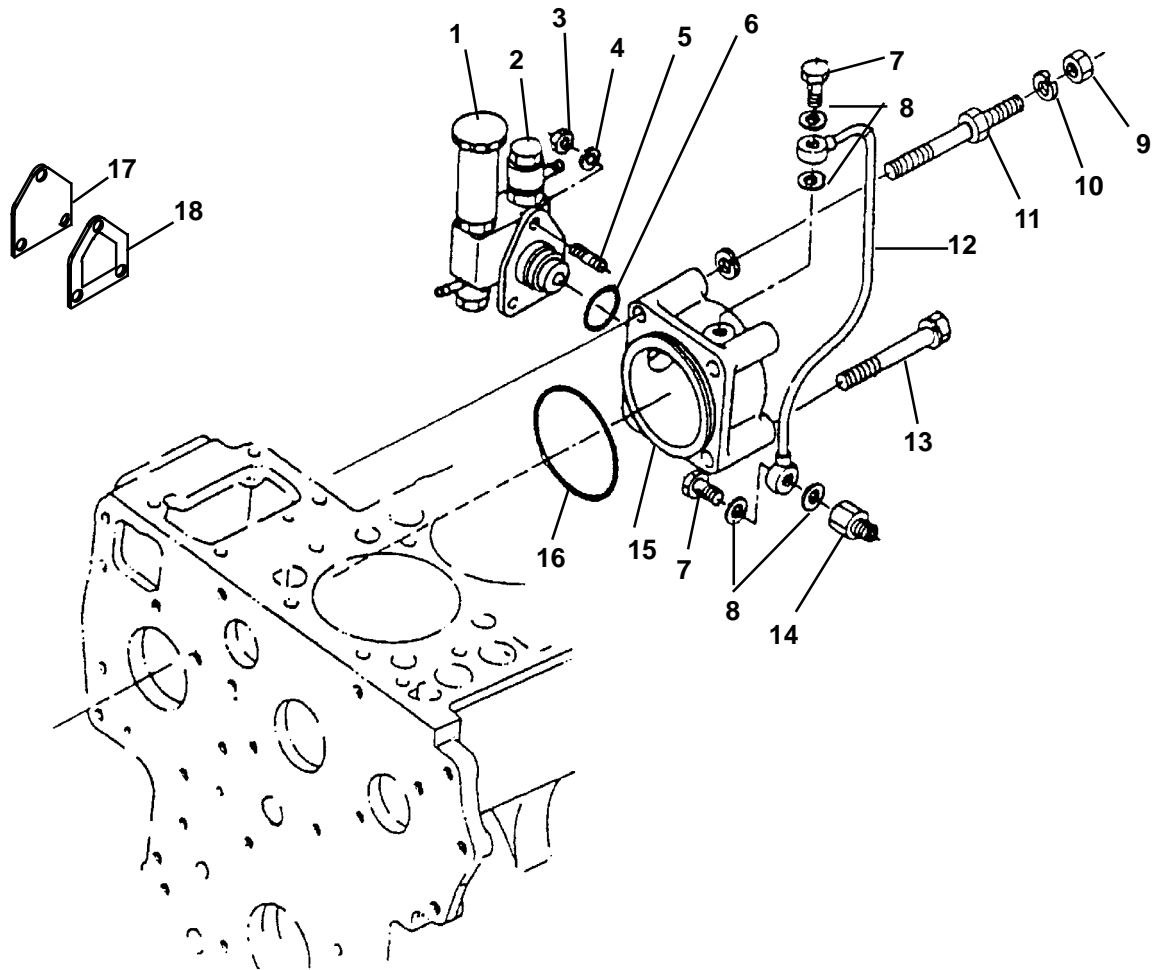
Item	Part Number	Description	Qty
1	25-15552-00	Plate Assembly, Control - Includes:	1
2	25-37536-00	Pin, Spring	1
3	25-15554-00	Lever, Speed Control	1
4	25-15543-00	Seal, Oil	1
5	25-35684-00	Nut	2
6	25-15558-00	Bolt	1
7	25-15553-00	Lever, Governor	1
8	25-15544-00	Spring, Return	1
9	25-15557-00	Bolt, Idling Adjust	1
10	25-15273-00	Nut, Flange	2
11	25-37656-00	Bolt	2
12	25-37672-00	Stud	2
13	25-15545-00	Gasket, Plate	1
14	25-37492-00	Gasket	2
15	25-37491-00	Nut	1
16	25-39396-00	Bolt, Adjusting - Includes:	1
17	25-39191-00	Nut	1

19. INJECTORS AND GLOW PLUGS



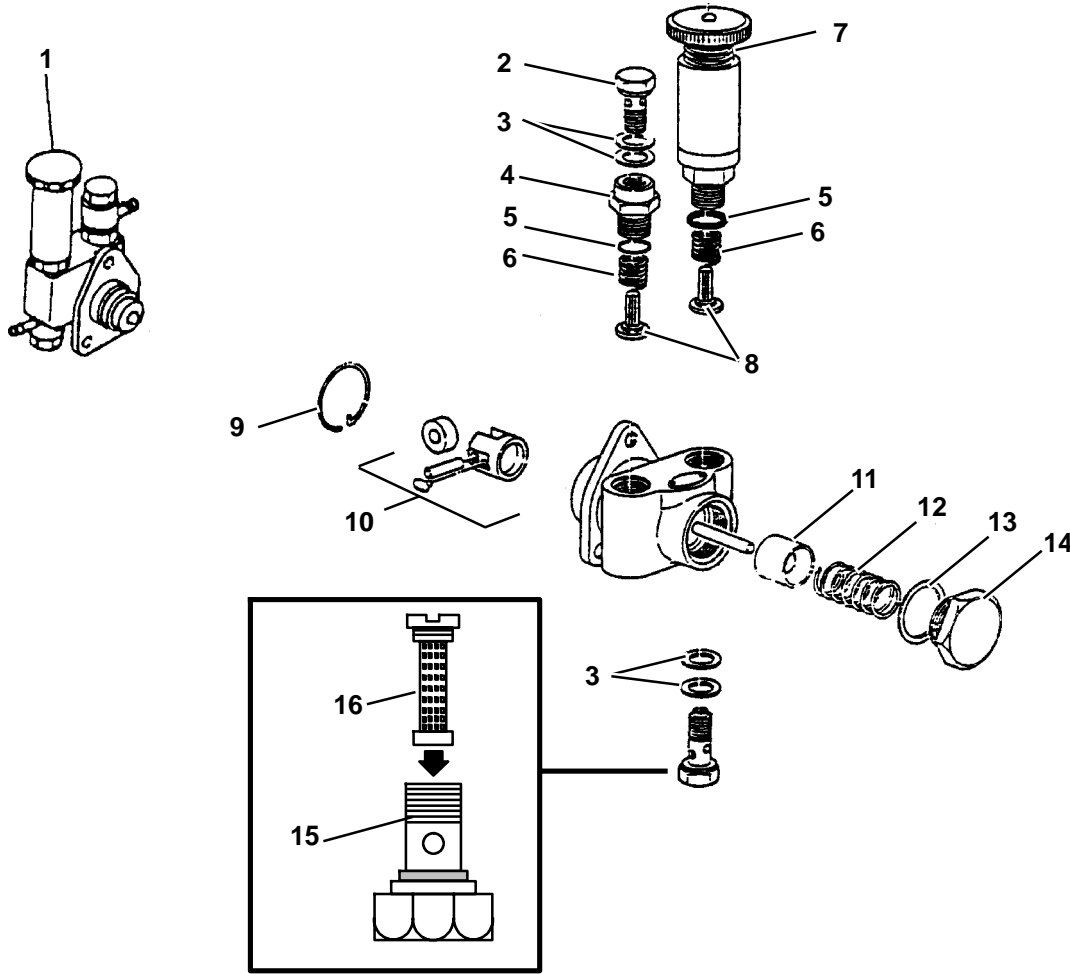
Item	Part Number	Description	Qty
1	25-39222-00	Pipe Assembly, Over Flow	1
2	58-00659-00	Pipe, Fuel Over Flow	A/R
3	44-00045-25	Clamp, Hose	3
4	25-15397-00	Injector Assembly (1700 RPM Engine)	4
	25-39354-00	Injector Assembly (2200 RPM Engine)	
5	25-37142-00	O-Ring	4
6	25-39228-00	Gasket	4
7	25-39229-00	Clamp, Nozzle	4
8	25-39397-00	Bolt, Flange	4
9	25-39399-00	Gasket, Leak Off Line	4
10	25-39238-00	Glow Plug	4
11	25-39239-00	Cord, Glow Plug	1
12	25-34222-00	Nut, Flange, M4	4
13	25-15394-00	Bolt, Eye	4
14	25-15563-00	Pipe, Injection Cylinder #4	1
15	25-15562-00	Pipe, Injection Cylinder #3	1
16	25-15561-00	Pipe, Injection Cylinder #2	1
17	25-15560-00	Pipe, Injection Cylinder #1	1
18	25-38140-00	Clamp, Kit Injector Line	A/R

20. FUEL PUMP



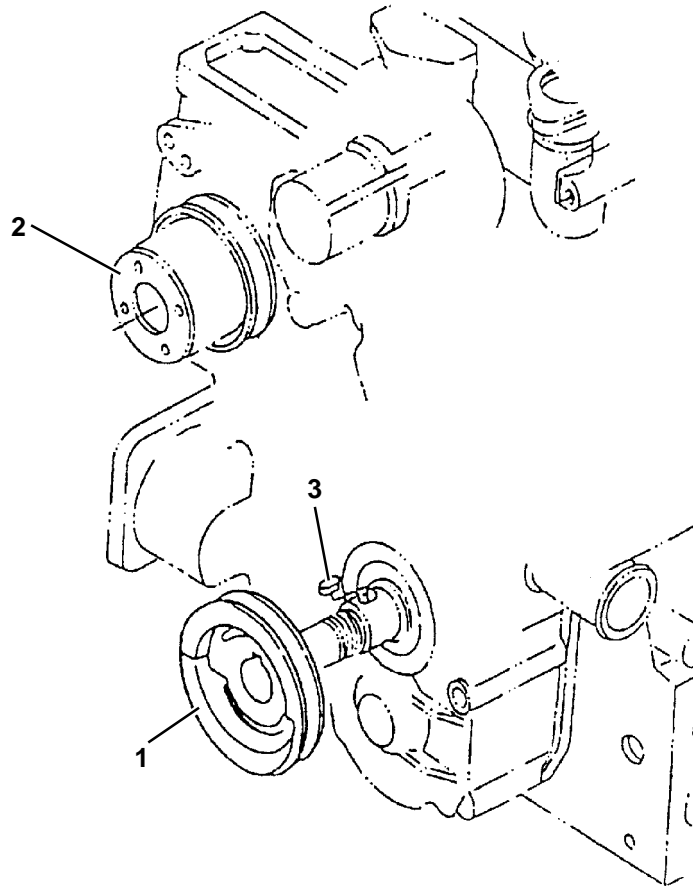
Item	Part Number	Description	Qty
1	25-38666-00	Pump Assembly, Fuel Lift	1
2	25-37594-00	Banjo, Fitting	2
3	25-35684-00	Nut, M6	3
4	25-35692-00	Washer, Spring, M6	3
5	25-36715-00	Stud	3
6	25-38667-00	O-Ring	1
7	25-38670-00	Bolt, Banjo	2
8	25-35136-05	Gasket, Copper O-Ring	4
9	25-37681-00	Nut, M10	2
10	25-37690-00	Washer, M10	4
11	25-38662-00	Stud	2
12	25-38668-00	Pipe, Oil Feed Lift Pump	1
13	25-37449-00	Bolt	2
14	25-38669-00	Fitting	1
15	25-38663-00	Holder, Fuel Lift Pump	1
16	25-38664-00	O-Ring	1
17	25-38673-00	Cover, Fuel Pump (Used When Item 1 Is Not Used)	1
18	25-38674-00	Gasket, Fuel Pump (Used When Item 1 Is Not Used)	1

21. FUEL PUMP ASSEMBLY



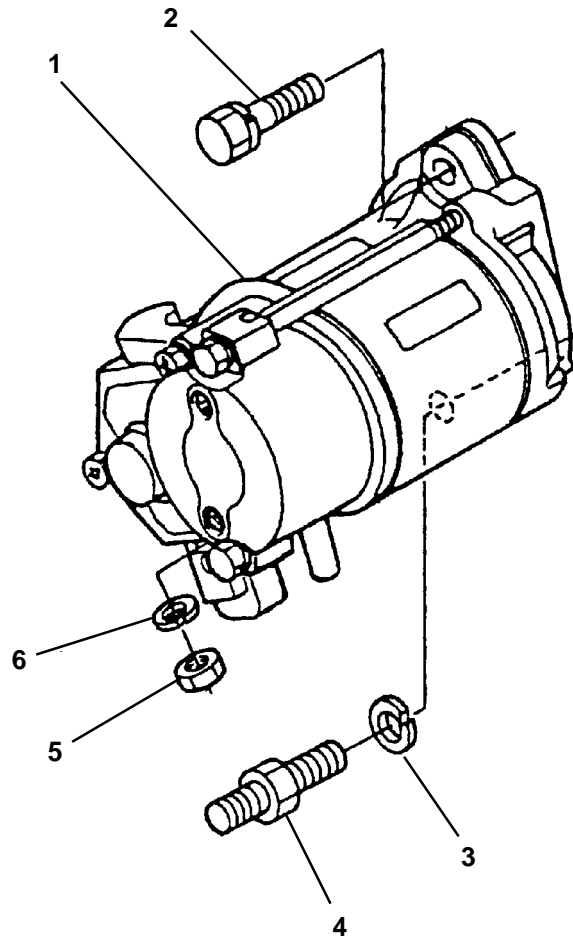
Item	Part Number	Description	Qty
1	25-38666-00	Pump Assembly, Fuel Lift - Includes:	1
2	25-38666-14	Bolt, Banjo	1
3	25-38666-13	Gasket, Copper O-Ring	4
4	25-38666-08	Adapter	1
5	25-38666-09	O-Ring	2
6	25-38666-07	Spring, Pump Valve	2
7	25-38666-11	Pump, Hand Priming	1
8	29-50052-50	Valve, Fuel Pump	2
9	25-38666-10	Cir-Clip	1
10	25-38666-05	Tappet Assembly	1
11	25-38666-01	Piston, Fuel Pump	1
12	25-38666-02	Spring, Fuel Pump	1
13	25-38666-04	Gasket, Copper O-Ring	1
14	25-38666-03	Plug, Fuel Pump	1
15	25-38666-12	Bolt, Eye Joint - Includes:	1
16	25-38666-16	Filter (Brass)	1

22. PULLEY



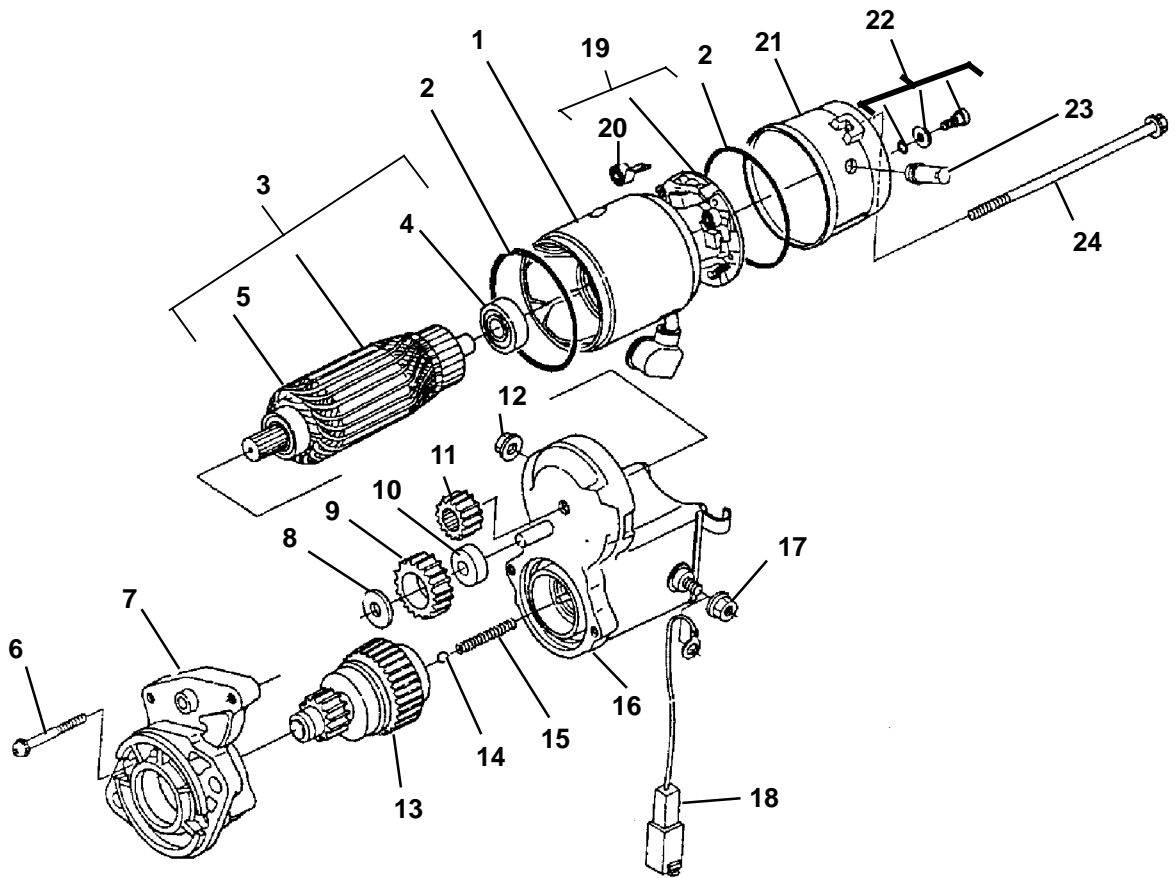
Item	Part Number	Description	Qty
1	25-15564-00	Pulley, Crankshaft	1
2	25-37580-07	Pulley, Water Pump	1
3	25-37700-00	Key, Feather	1

23. STARTER



Item	Part Number	Description	Qty
1	25-39316-00	Starter Assembly	1
2	25-37663-00	Bolt	1
3	25-37690-00	Washer, Spring	1
4	25-38767-00	Stud, M10 X 1.25	1
5	25-37680-00	Nut, M8	1
6	25-35687-00	Washer, Spring	1

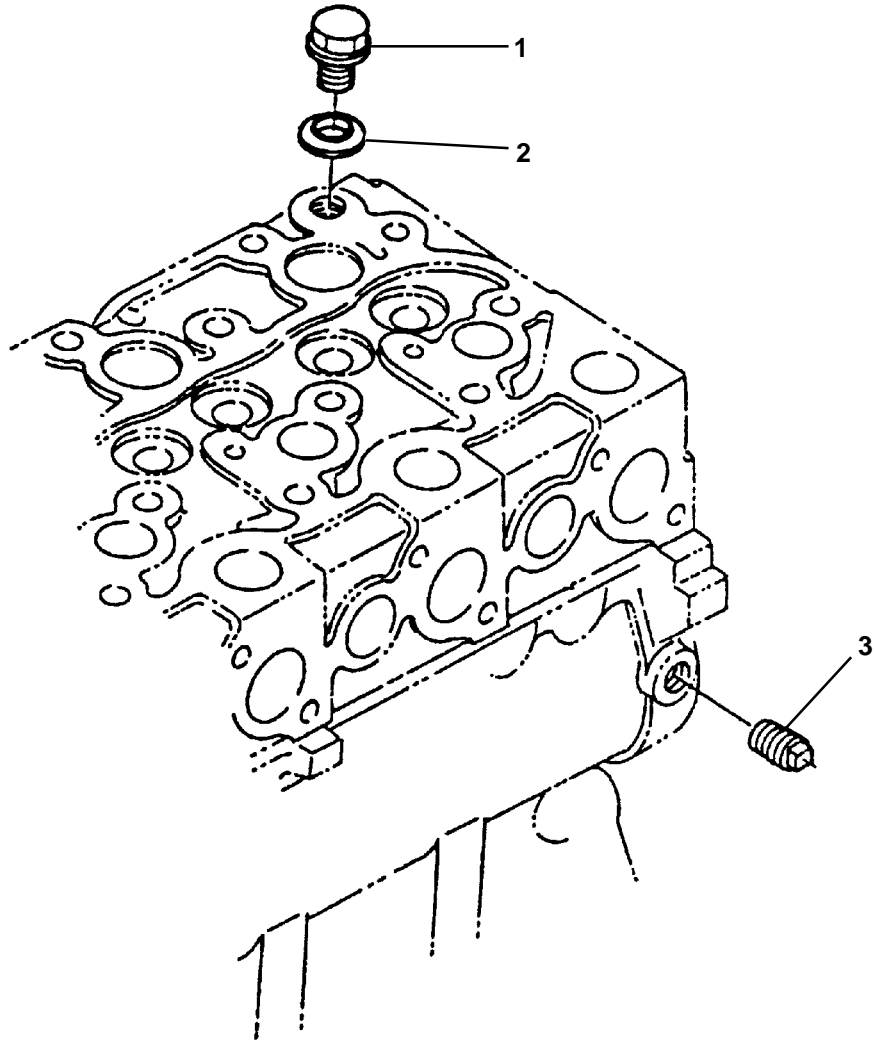
24. STARTER ASSEMBLY



24. STARTER ASSEMBLY

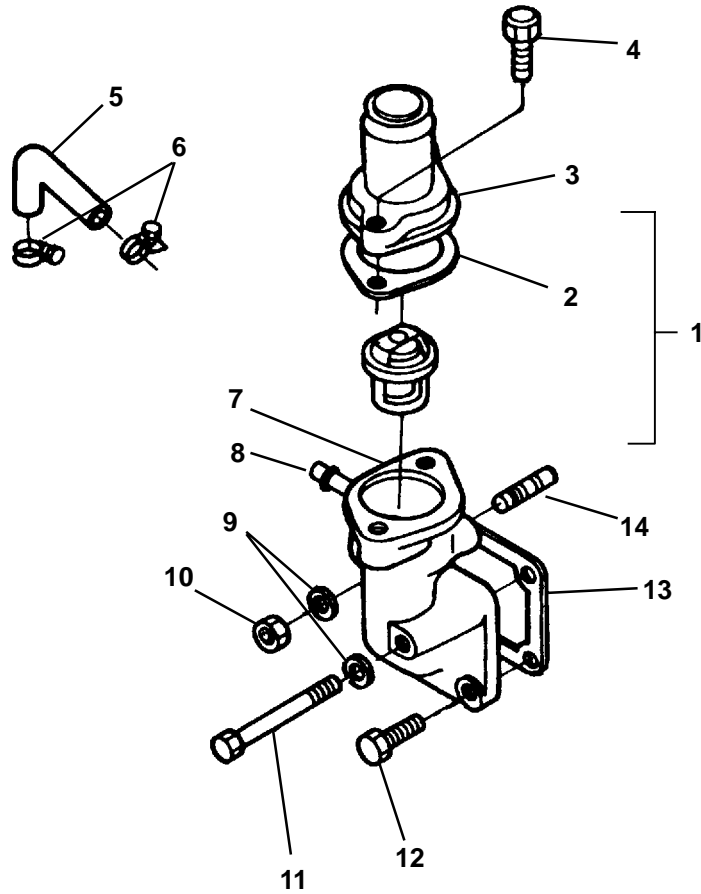
Item	Part Number	Description	Qty
1	25-39240-00	Field Coil	1
2	25-37738-00	O-Ring, Starter	2
3	25-39241-00	Armature - Includes:	1
4	25-39242-00	Bearing	1
5	29-70123-00	Bearing	1
6	25-39185-00	Screw	2
7	25-39325-00	Frame, Drive End	1
8	25-39323-00	Retainer	1
9	25-39328-00	Gear Idler	1
10	25-35458-09	Roller	5
11	25-39327-00	Gear, Armature	1
12	25-37742-00	Nut	1
13	25-39329-00	Clutch Assembly, Starter	1
14	941598	Ball, Steel	1
15	25-39326-00	Spring, Clutch Engagement	1
16	25-39324-00	Solenoid, Assembly	1
17	29-70223-00	Nut	1
18	25-39135-03	Wire Assembly, Solenoid	1
19	25-39246-00	Holder, Brush - Includes:	1
20	25-39247-00	Spring, Brush	4
21	25-39245-00	Frame, Brush Holder End	1
22	25-39249-00	Screw	2
23	29-70227-00	Pipe, Drain	1
24	25-39186-00	Bolt, Through	2

25. PLUG



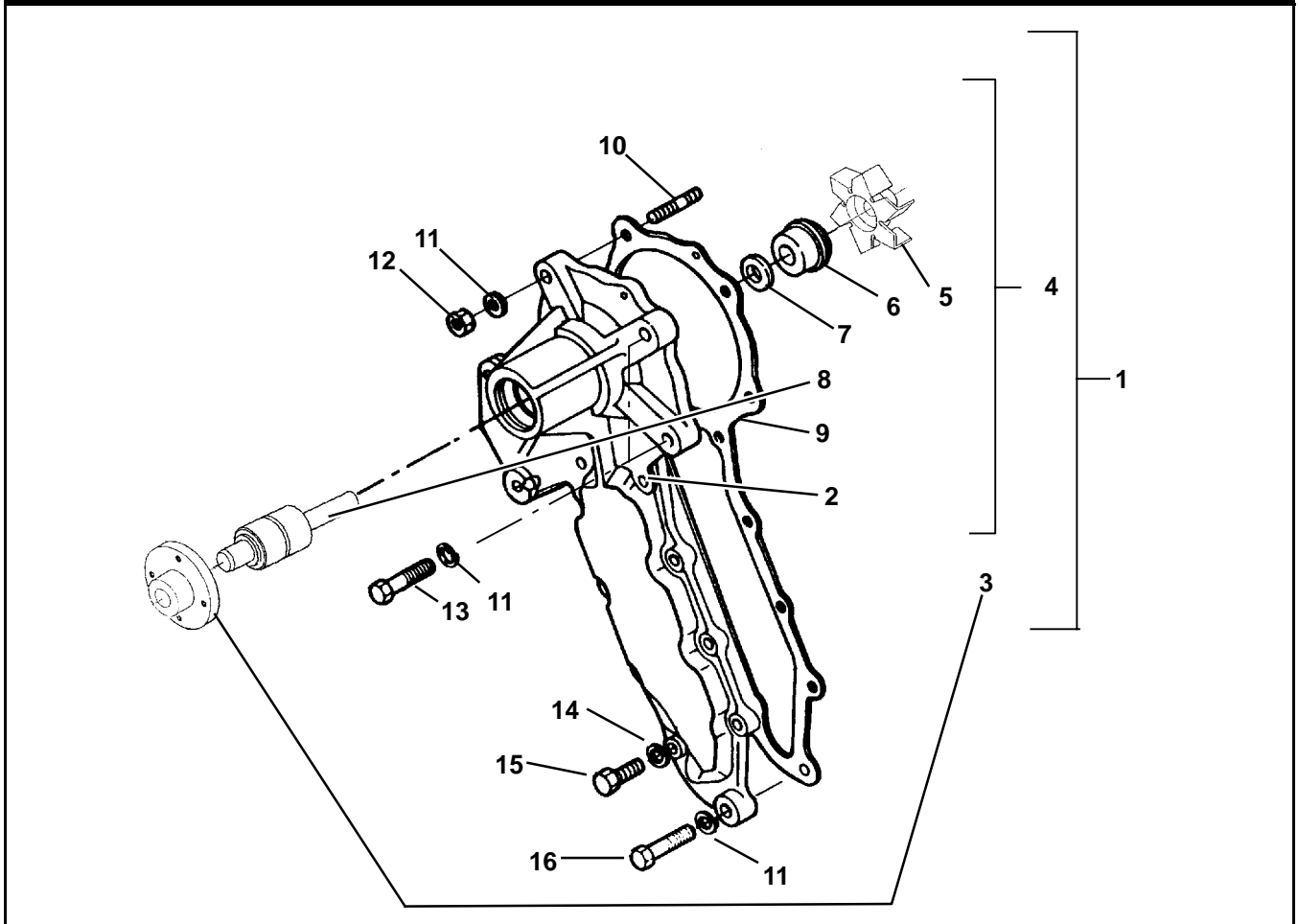
Item	Part Number	Description	Qty
1	25-38052-00	Plug	1
2	25-38053-00	Washer, With Rubber	1
3	25-37049-00	Plug	1

26. THERMOSTAT



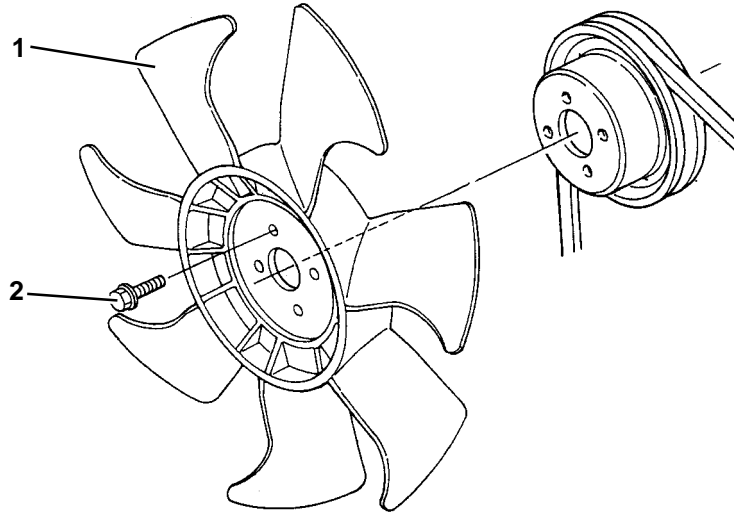
Item	Part Number	Description	Qty
1	25-37559-01	Thermostat, Kit - Includes:	1
2	25-37558-00	Gasket, Thermostat Housing	1
3	25-37557-00	Housing, Thermostat	1
4	25-37662-00	Bolt	2
5	25-15565-00	Hose, By-pass	1
6	44-00045-06	Clamp	2
7	25-37560-01	Flange, Thermostat - Includes:	1
8	25-38727-00	Pipe, Water Return	1
9	25-35687-00	Washer, Spring	2
10	25-35685-00	Nut, Hex M8	1
11	25-37664-00	Bolt, M8-1.25 x 65MM	1
12	25-38283-00	Bolt, M8 x 22MM Long - Grade 7	2
13	25-37561-00	Gasket, Thermostat Flange	1
14	25-37237-00	Stud	1

27. WATER PUMP



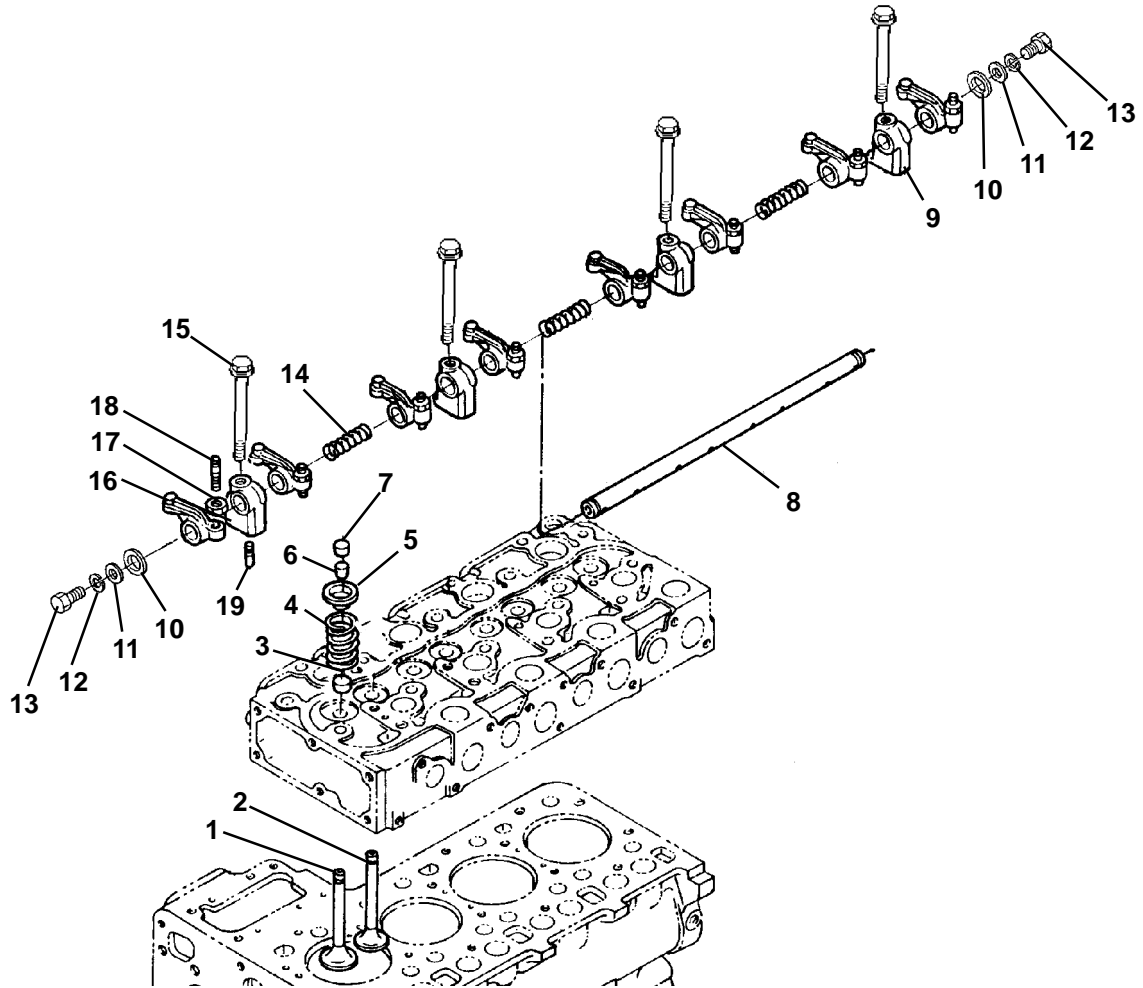
Item	Part Number	Description	Qty
1	25-15568-00SV	Pump Assembly, Water - Includes:	1
2	NSS	Body, Water Pump	1
3	25-37580-05	Flange, Water Pump	1
4	25-37580-20	Kit, Water Pump - Includes:	1
5	NSS	Impeller, Water Pump	1
6	NSS	Seal, Water Pump	1
7	NSS	Slinger	1
8	NSS	Shaft, Water Pump	1
9	25-15569-00	Gasket, Water Pump	1
10	25-37671-00	Stud	2
11	25-35687-00	Washer, Spring	7
12	25-35685-00	Nut, Hex M8	2
13	25-38718-00	Bolt, M8-1.25 x 28MM	2
14	25-35692-00	Washer, Spring, M6	8
15	25-39084-00	Bolt, M6-1.00 x 18MM	8
16	25-37148-00	Bolt, M8 X 87 MM Long - Grade 7	3

28. FAN



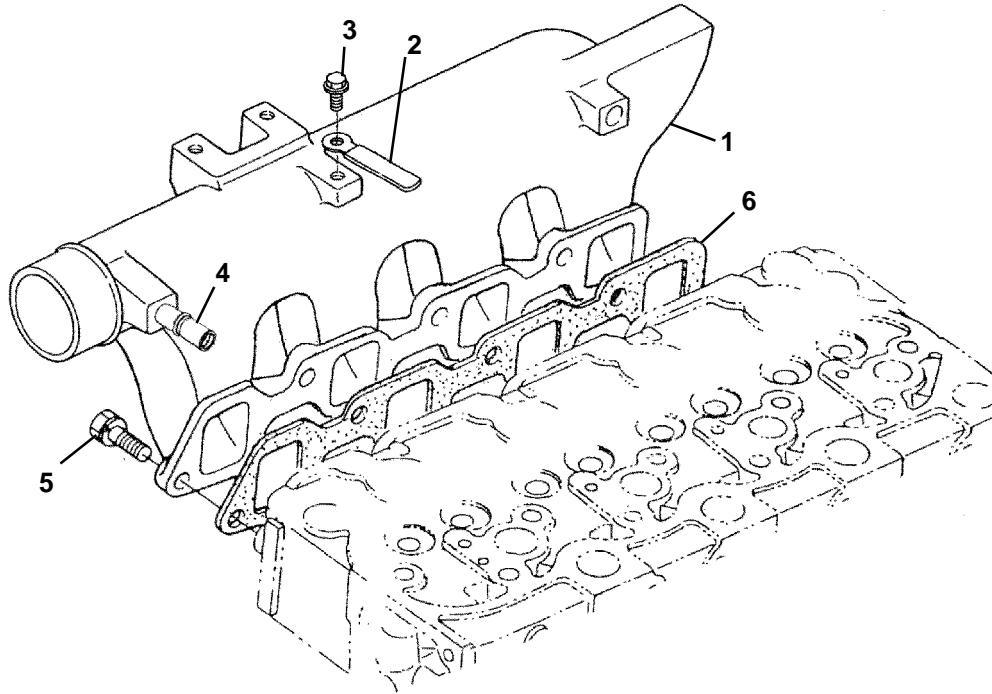
Item	Part Number	Description	Qty
1	25-39320-00	Fan	1
2	945721	Bolt	4

29. VALVES AND ROCKER ARMS



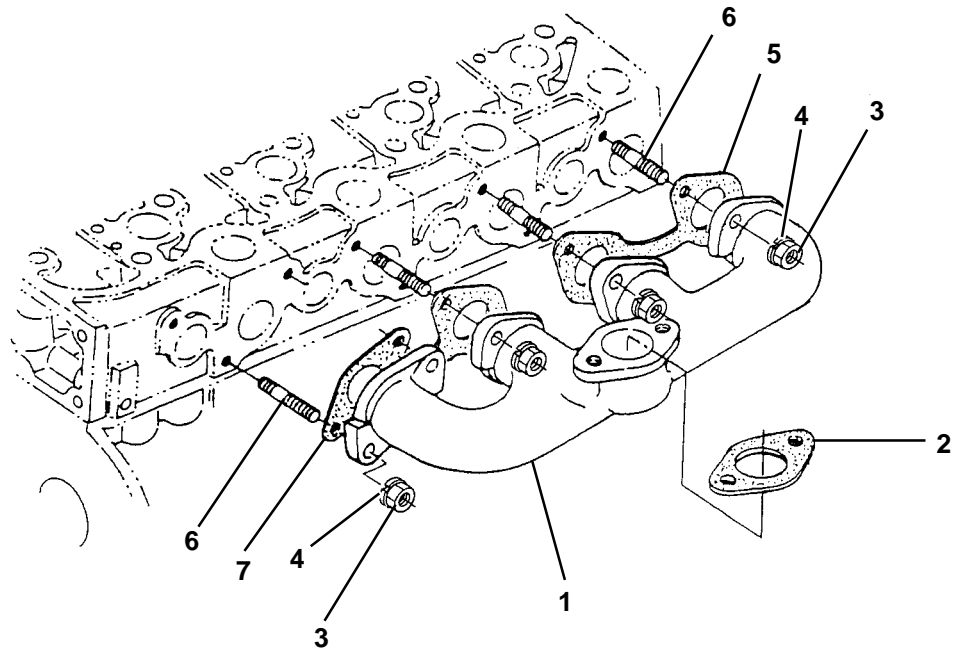
Item	Part Number	Description	Qty
1	25-38087-00	Valve, Intake	4
2	25-38088-00	Valve, Exhaust	4
3	25-39338-00	Seal, Valve Stem	8
4	25-37262-00	Spring, Valve	8
5	25-37263-00	Retainer, Spring	8
6	25-37264-00	Keeper, Valve	8
7	25-37266-00	Cap, Valve	8
8	25-39334-00	Shaft, Rocker Arm	1
9	25-37268-00	Bracket, Rocker Arm	4
10	25-37271-00	Washer, Rocker Arm Shaft	2
11	25-37686-00	Washer, Plain	2
12	25-35687-00	Washer, Spring	8
13	25-37425-00	Bolt	2
14	25-37272-00	Spring, Rocker Arm	3
15	25-39189-00	Bolt	4
16	25-39090-00	Rocker Arm - Includes:	8
17	25-37277-00	Nut, Rocker Arm Adjusting	8
18	25-37276-00	Screw, Rocker Arm Adjusting	8
19	25-39023-00	Pin, Spring	1

30. INTAKE MANIFOLD



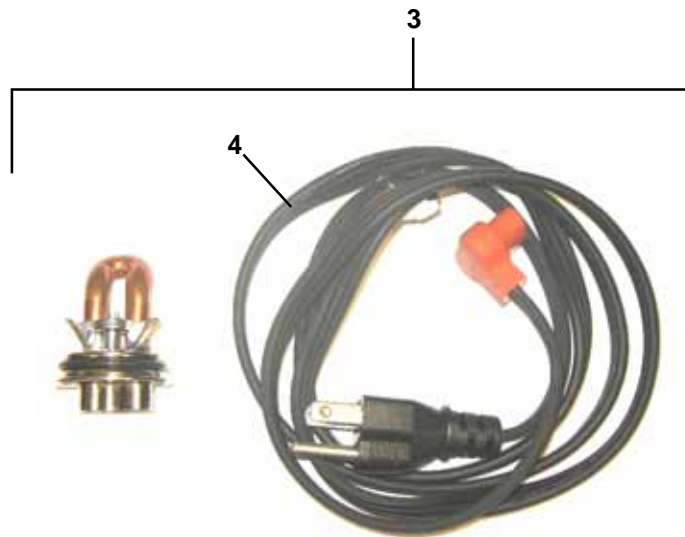
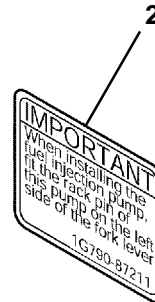
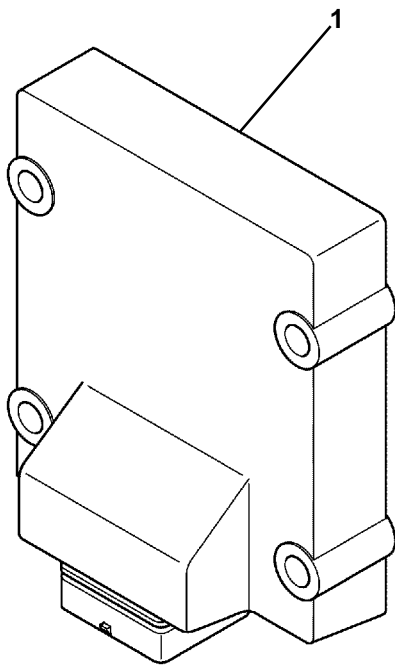
Item	Part Number	Description	Qty
1	25-39187-00	Manifold, Intake - Includes:	1
2	25-38730-00	Clamp, Cord	1
3	25-39024-00	Bolt	7
4	25-38727-00	Pipe, Water Return	1
5	25-37659-00	Bolt	7
6	25-39188-00	Gasket, Intake Manifold	1

31. EXHAUST MANIFOLD



Item	Part Number	Description	Qty
1	25-39335-00	Manifold, Exhaust	1
2	25-37238-00	Gasket, Muffler Flange	1
3	25-35685-00	Nut, Hex M8	8
4	25-35687-00	Washer, Spring	8
5	25-39336-00	Gasket, Exhaust Manifold	1
6	25-37237-00	Stud	8
7	25-39337-00	Gasket, Exhaust Manifold	1

32. ACCESSORIES AND SERVICE PARTS



Item	Part Number	Description	Qty
1	12-00584-00	Speed Control Module	1
2	25-15571-00	Label, Pump	1
3	25-38774-00	Heater, Engine Block - Includes:	1
4	25-38774-01	Extension Cord, Engine Block Heater (60" Long)	1

33. GASKET SETS**33.a. Gasket Set - Prior To Serial Number 9U001**

Item	Part Number	Description	Qty
1	25-39536-00	Kit, Gasket - Includes:	1
2	25-39027-00	Gasket, Oil Pan	1
3	25-39028-00	Gasket, Oil Pan Cover	1
4	25-15534-00	Gasket, Gear Case	1
5	25-37156-00	Gasket, Return Flange	1
6	25-39376-00	Gasket, Bearing Case	1
7	25-38717-00	Gasket, Case Cover	1
8	25-39188-00	Gasket, Intake Manifold	1
9	25-39337-00	Gasket, Exhaust Manifold	1
10	25-39336-00	Gasket, Exhaust Manifold	1
11	25-37238-00	Gasket, Muffler Flange	1
12	25-38713-00	Gasket, Valve Cover	1
13	25-37041-00	Gasket, Oil Pump	1
14	25-15545-00	Gasket, Plate	2
15	25-37537-00	Gasket, Pump Cover	1
16	25-37561-00	Gasket, Water Flange	1
17	25-15569-00	Gasket, Water Pump	1
18	25-37558-00	Gasket, Thermostat	1
19	25-37142-00	O-Ring	4
20	25-15581-00	O-Ring	2
21	25-37143-00	O-Ring	1
22	25-37158-00	O-Ring	1
23	25-37389-00	O-Ring	1
24	25-39032-00	O-Ring	1
25	25-37310-00	O-Ring	1
26	25-38664-00	O-Ring	1
27	25-38667-00	O-Ring	1
28	25-15547-00	O-Ring	1
29	25-37142-00	O-Ring	4
30	25-35136-05	Gasket	5
31	25-38666-13	Gasket	5
32	25-37492-00	Gasket	2
33	25-39267-00	Gasket	1
34	25-36641-00	Gasket	2
35	25-39399-00	Gasket	4
36	25-15395-00	Gasket	4
37	25-36739-00	Gasket	1
38	25-15073-00	Gasket	1
39	25-39361-00	Gasket	1
40	25-36830-00	Seal, Oil	2
41	25-37198-00	Seal, Oil	1
42	25-39338-00	Seal, Valve Stem	8
43	25-37396-01	Seal, Oil	1

33.b. Gasket Set - Starting With Serial Number 9U001

Item	Part Number	Description	Qty
1	25-39559-00	Kit, Gasket - Includes:	1
2	25-39027-00	Gasket, Oil Pan	1
3	25-39028-00	Gasket, Oil Pan Cover	1
4	25-39561-00	Gasket, Gear Case	1
5	25-37156-00	Gasket, Return Flange	1
6	25-39376-00	Gasket, Bearing Case	1
7	25-38717-00	Gasket, Case Cover	1
8	25-39188-00	Gasket, Intake Manifold	1
9	25-39337-00	Gasket, Exhaust Manifold	1
10	25-39336-00	Gasket, Exhaust Manifold	1
11	25-37238-00	Gasket, Muffler Flange	1
12	25-38713-00	Gasket, Valve Cover	1
13	25-37041-00	Gasket, Oil Pump	1
14	25-15545-00	Gasket, Plate	2
15	25-37537-00	Gasket, Pump Cover	1
16	25-37561-00	Gasket, Water Flange	1
17	25-15569-00	Gasket, Water Pump	1
18	25-37558-00	Gasket, Thermostat	1
19	25-37142-00	O-Ring	3
20	25-37158-00	O-Ring	1
21	25-37389-00	O-Ring	1
22	25-39032-00	O-Ring	1
23	25-37310-00	O-Ring	1
24	25-38664-00	O-Ring	1
25	25-38667-00	O-Ring	1
26	25-15547-00	O-Ring	1
27	25-37142-00	O-Ring	4
28	25-35136-05	Gasket	5
29	25-38666-13	Gasket	5
30	25-37492-00	Gasket	2
31	25-39267-00	Gasket	1
32	25-39675-00	Gasket	2
33	25-39399-00	Gasket	4
34	25-15395-00	Gasket	4
35	25-36739-00	Gasket	1
36	25-15073-00	Gasket	1
37	25-39361-00	Gasket	1
38	25-36830-00	Seal, Oil	2
39	25-37198-00	Seal, Oil	1
40	25-39338-00	Seal, Valve Stem	8
41	25-37396-01	Seal, Oil	1

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25-15395-00	39, 40	25-15571-00	38	25-37032-00	1
25-15397-00	24	25-15573-00	16	25-37033-00	1
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25-15542-00	19	25-35458-09	30	25-37106-00	3
25-15543-00	19, 23	25-35485-00	21	25-37107-00	3
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