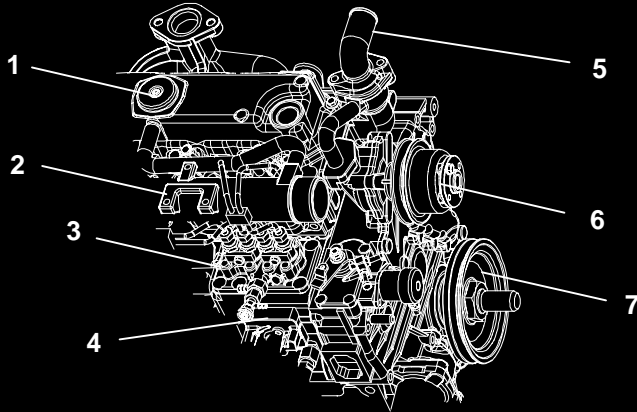


Carrier® Diesel Engine



SERVICE PARTS LIST
for
V2203-DI (26-00118)
VECTOR



TRANSICOLD

SERVICE PARTS LIST

DIESEL ENGINE

V2203-DI (26-00118)

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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	REPLACES
V2203-DI-E2B-CTD-5	CT4-134-DI (2200 RPM)	26-00118-00	Vector	New

ENGINE SERIAL NUMBER MATRIX

New Serial Number:

Y	A	4321																	
		Lower 4 digits in numerals																	
		5th Digit Alphabetical Letter (Month of Manufacture).																	
Alphabetical letter		A,B	C,D	E,F	G,H	J,K	L,M	N,P	Q,R	S,T	U,V	W,X	Y,Z						
Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
		6th Digit Alphabetical Letter or Numerals (Year of Manufacture).																	
Alphabetical letter or numerals		W	X	Y	1	2	3	4	5	6	7	8	9						
Year		98	99	00	01	02	03	04	05	06	07	08	09						

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

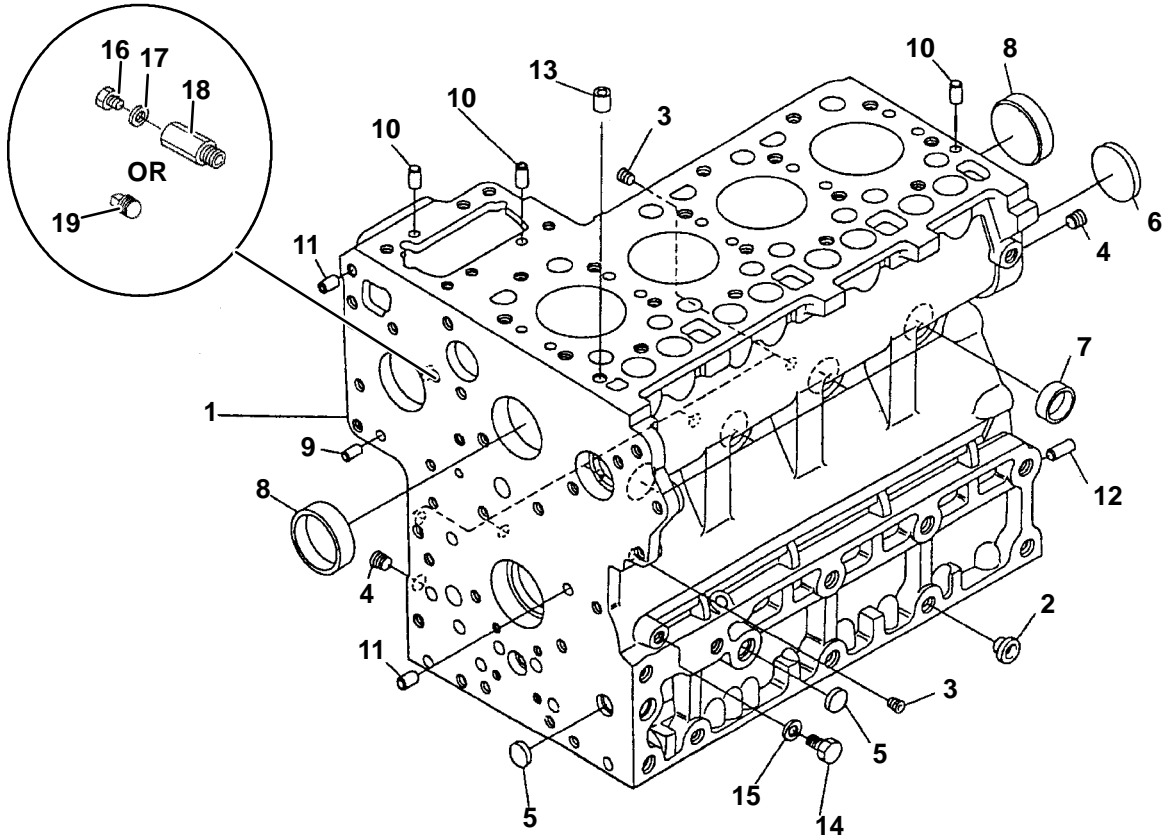
or
 Fax to : (315) 432-3778

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:

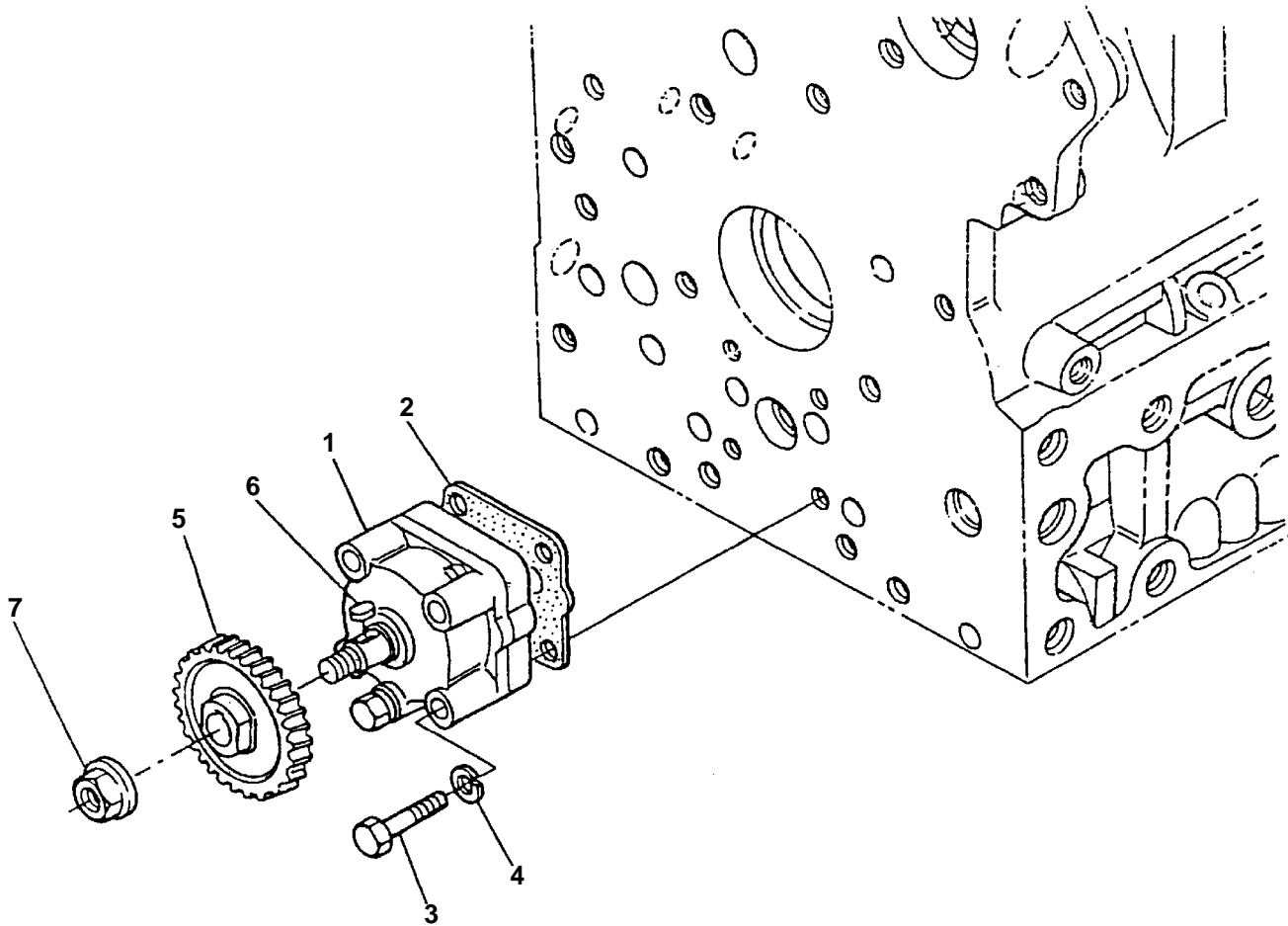
- | | | | |
|-----|---------------------------------------|-----|---|
| A/R | <i>As Required</i> | NSS | <i>Not Sold Separately</i> - order next higher assembly or kit. |
| NS | <i>Not Shown</i> in the illustration. | PL | <i>Purchase Locally.</i> |

1. CRANKCASE



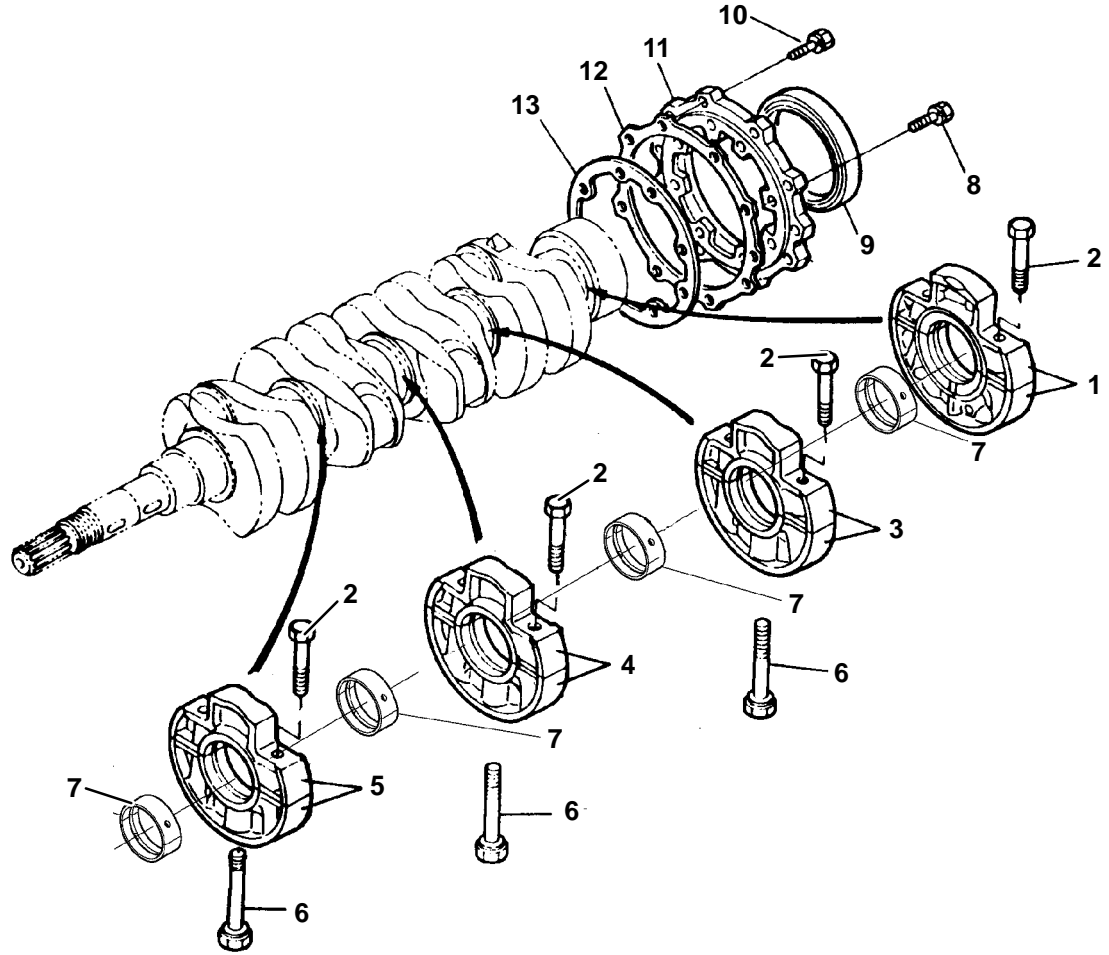
Item	Part Number	Description	Qty
1	25-39359-00	Crankcase, Assembly - Includes:	1
2	25-37029-00	Plug	6
3	25-37026-00	Plug	5
4	25-37028-00	Plug	2
5	25-39015-00	Cap, Sealing	3
6	25-15004-00	Cap, Sealing	1
7	25-37032-00	Cap, Sealing	6
8	25-37033-00	Cap, Sealing	2
9	25-37034-00	Pin, Straight	2
10	25-37035-00	Pin, Straight	3
11	25-37695-00	Pin, Straight	2
12	25-37036-00	Pin, Straight	1
13	25-35031-00	Pin, Pipe	1
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
19	25-39339-00	Plug	1

2. OIL PUMP



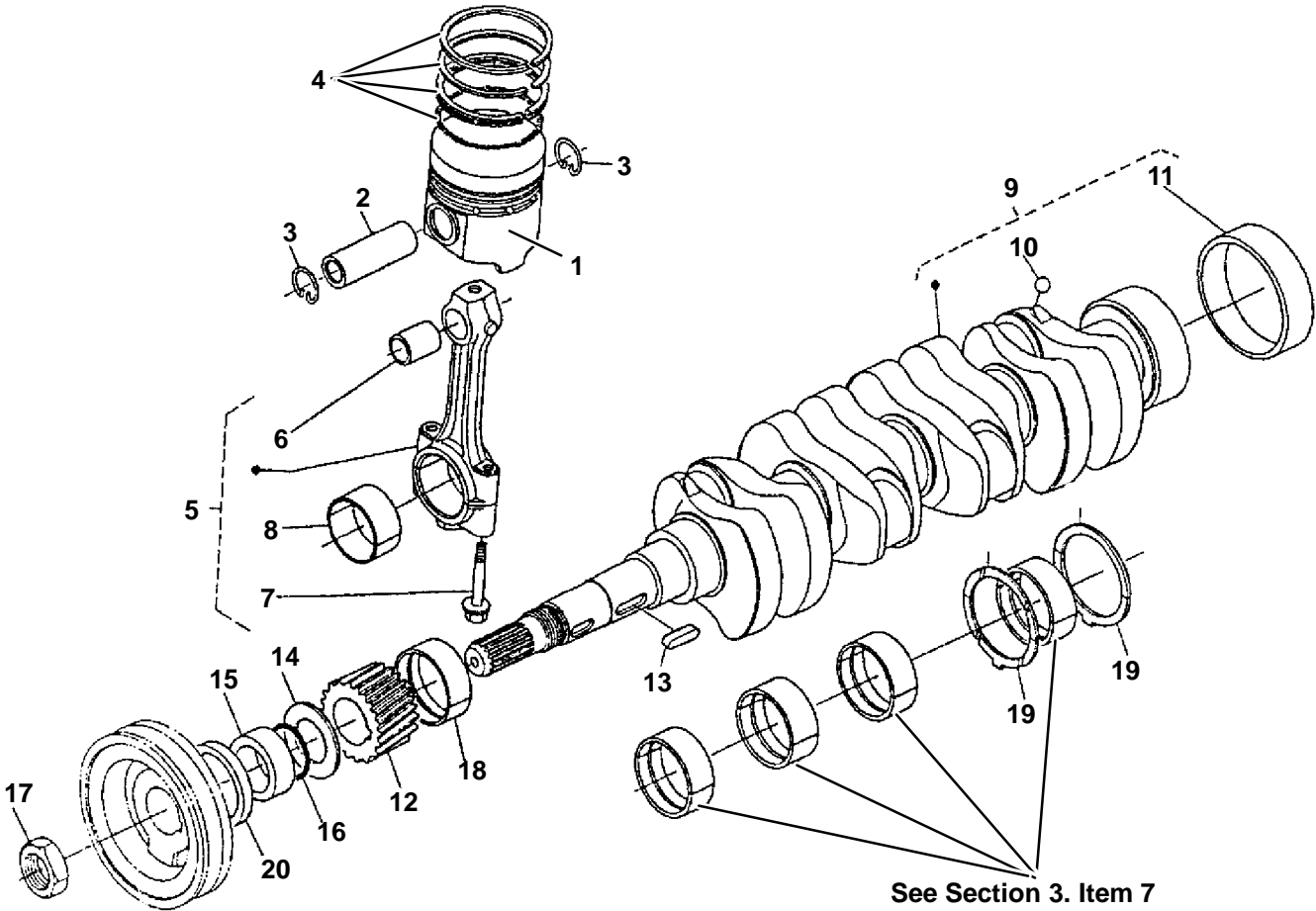
Item	Part Number	Description	Qty
1	25-37040-00	Pump, Oil	1
2	25-37041-00	Gasket, Oil Pump	1
3	25-37042-00	Bolt	4
4	25-35692-00	Washer, Spring, M6	4
5	25-37043-00	Gear, Oil Pump Drive	1
6	25-37044-00	Key, Feather	1
7	25-37045-00	Nut, Flange	1

3. 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	25-38718-00	Bolt	8
9	25-37198-00	Seal, Rear Oil	1
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

4. PISTON AND CRANKSHAFT

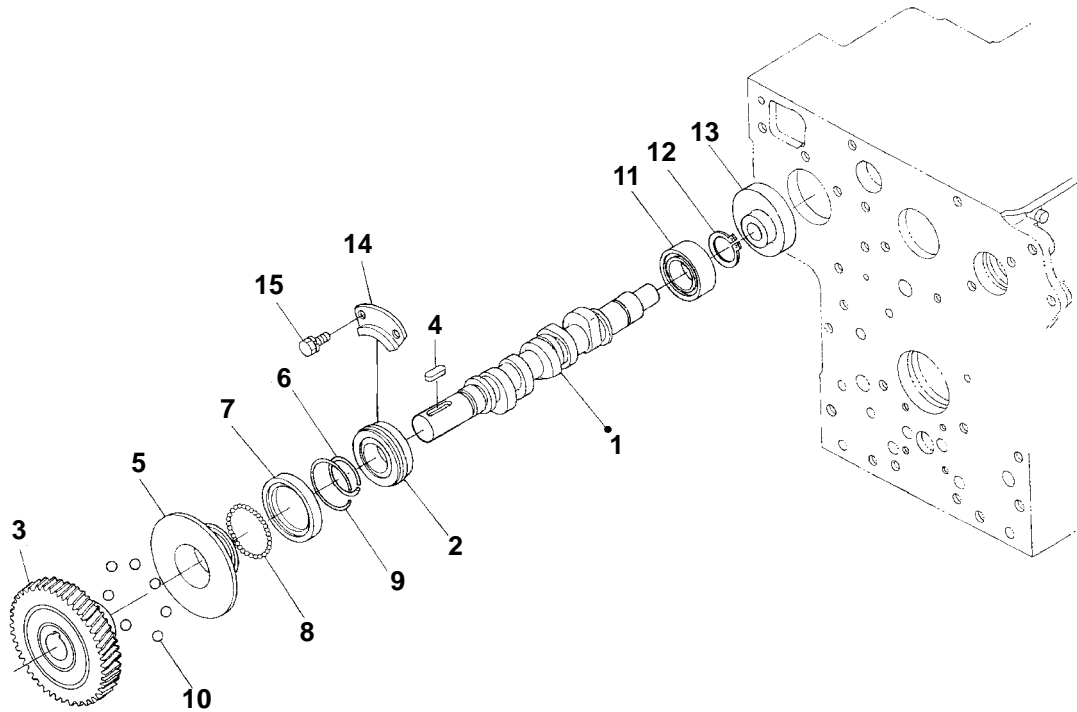


Item	Part Number	Description	Qty
1	25-39419-00	Piston, STD - Includes:	4
	25-39409-00	Piston, (+0.25MM) - Includes:	4
2	25-38118-00	Pin, Piston	4
3	25-39416-00	Cir-Clip, Piston Pin	8
4	25-39410-00	Ring Set, STD	4
	25-39411-00	Ring Set, (+0.25MM)	4
5	25-39112-00	Connecting Rod, Assembly - Includes:	4
6	25-38121-00	Bushing, Piston Pin	4
7	25-37384-13	Bolt, Con Rod	8
8	25-39122-00	Bearing, Rod STD	4
	25-38122-01	Bearing, Rod (+0.2MM)	4
	25-38122-02	Bearing, Rod (+0.4MM)	4
9	25-39341-00	Crankshaft - Includes:	1
10	25-34169-00	Ball	4
11	25-37385-02	Wear Sleeve, Crankshaft Rear	1
12	25-37386-00	Gear, Crankshaft	1
13	25-37700-00	Key, Feather	1
14	25-39347-00	Slinger, Oil	1

4. PISTON AND CRANKSHAFT - Continued

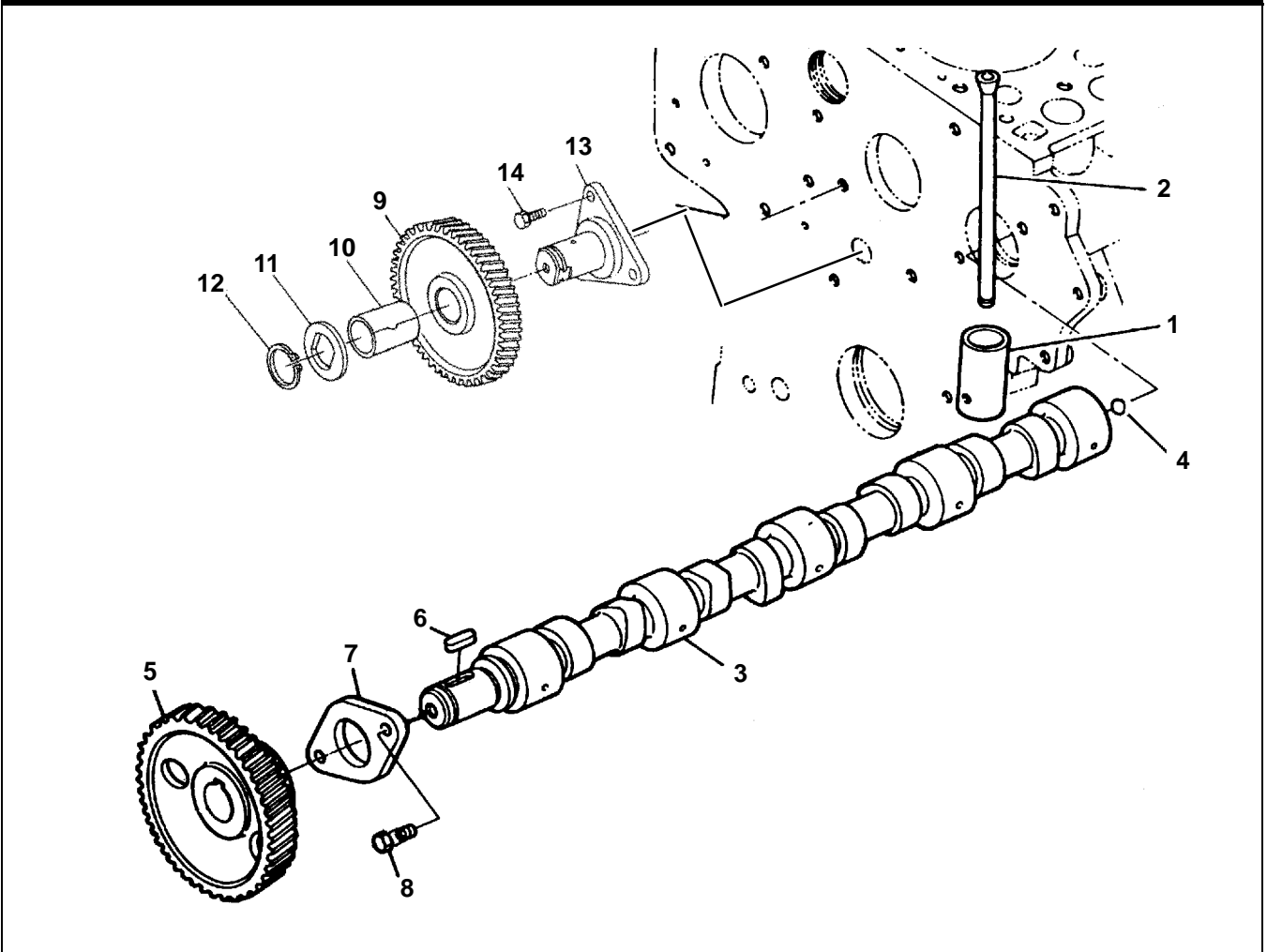
Item	Part Number	Description	Qty
15	25-37388-00	Wear Sleeve, Crankshaft Front	1
16	25-37389-00	O-Ring	1
17	25-37390-00	Nut, Crankshaft	1
18	25-39400-00	Bearing #1 Front Main STD	1
	25-39401-00	Bearing #1 Front Main (-0.2MM)	1
	25-39402-00	Bearing #1 Front Main (-0.4MM)	1
19	25-39403-00	Thrustwasher, Kit STD	1
	25-39404-00	Thrustwasher, Kit .2MM	1
	25-39405-00	Thrustwasher, Kit .4MM	1
20	25-37396-01	Seal, Front	1

5. FUEL CAMSHAFT



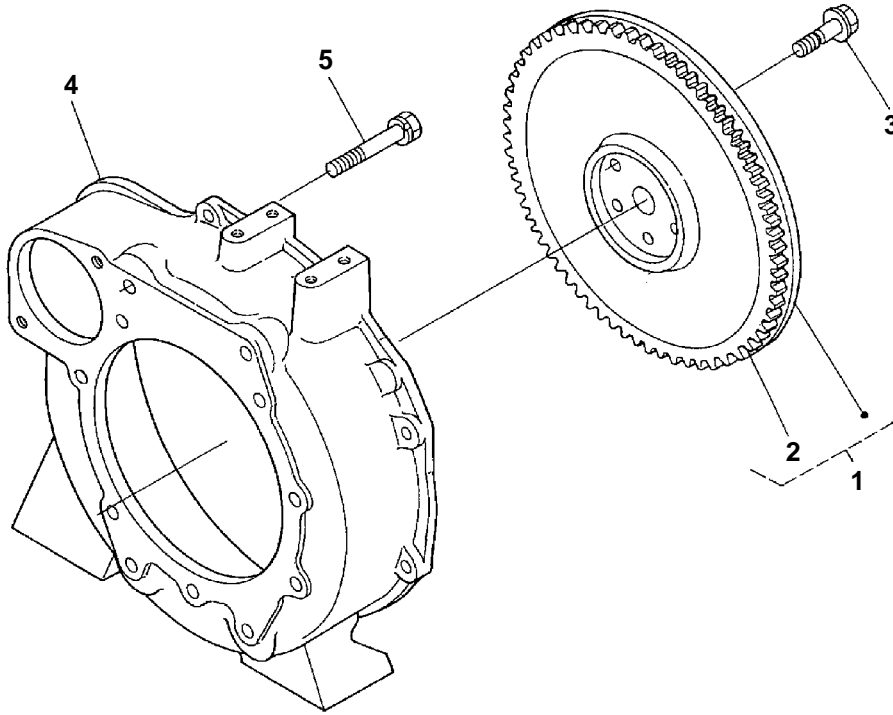
Item	Part Number	Description	Qty
1	25-15358-00	Camshaft, Assembly - Includes	1
2	25-37431-00	Bearing, Ball	1
3	25-15359-00	Gear, Injection Pump	1
4	25-37433-00	Key, Feather	1
5	25-38165-00	Sleeve, Governor	1
6	25-37436-00	Circlip	1
7	25-39364-00	Case, Governor Ball	1
8	25-35389-00	Ball	39
9	25-37436-00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

6. CAMSHAFT AND IDLE GEAR SHAFT



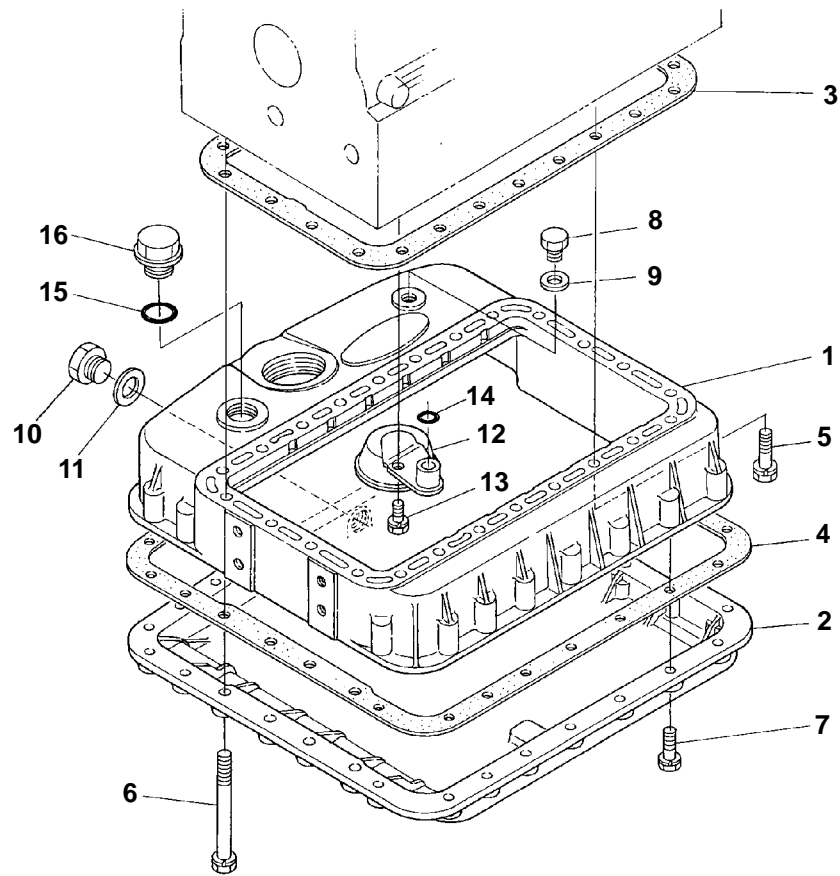
Item	Part Number	Description	Qty
1	25-39100-00	Tappet	8
2	25-38600-00	Pushrod	8
3	25-39381-00	Camshaft Assembly - Includes:	1
4	25-34169-00	Ball	1
5	25-39382-00	Gear, Cam	1
6	25-37700-00	Key Feather	1
7	25-39383-00	Thrust Plate, Camshaft	1
8	25-35680-00	Bolt	2
9	25-39384-00	Gear, Idler - Includes:	1
10	25-39385-00	Bushing, Idler Gear	1
11	25-39386-00	Collar	1
12	25-39387-00	Cir Clip, Idler Gear	1
13	25-39388-00	Shaft, Idler Gear	1
14	25-39389-00	Bolt	3

7. FLYWHEEL AND BELL HOUSING



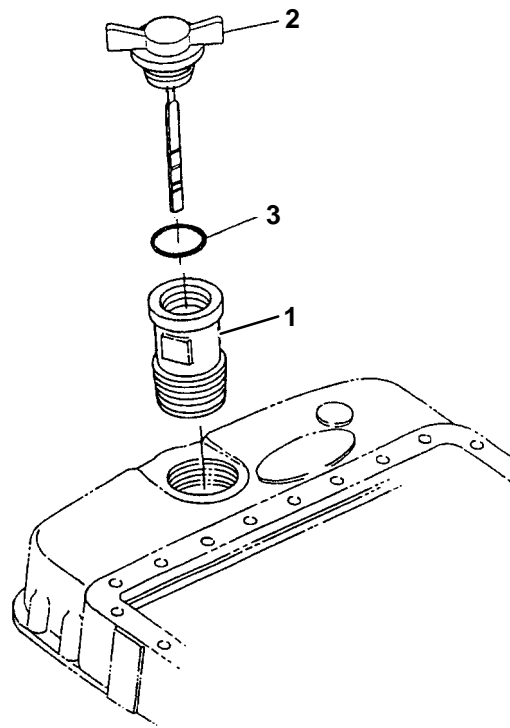
Item	Part Number	Description	Qty
1	25-15284-00	Flywheel - Includes:	1
2	25-39125-01	Gear,Ring	1
3	25-37421-01	Bolt	6
4	25-15280-00	Housing	1
5	25-39001-00	Bolt	11

8. OIL PAN



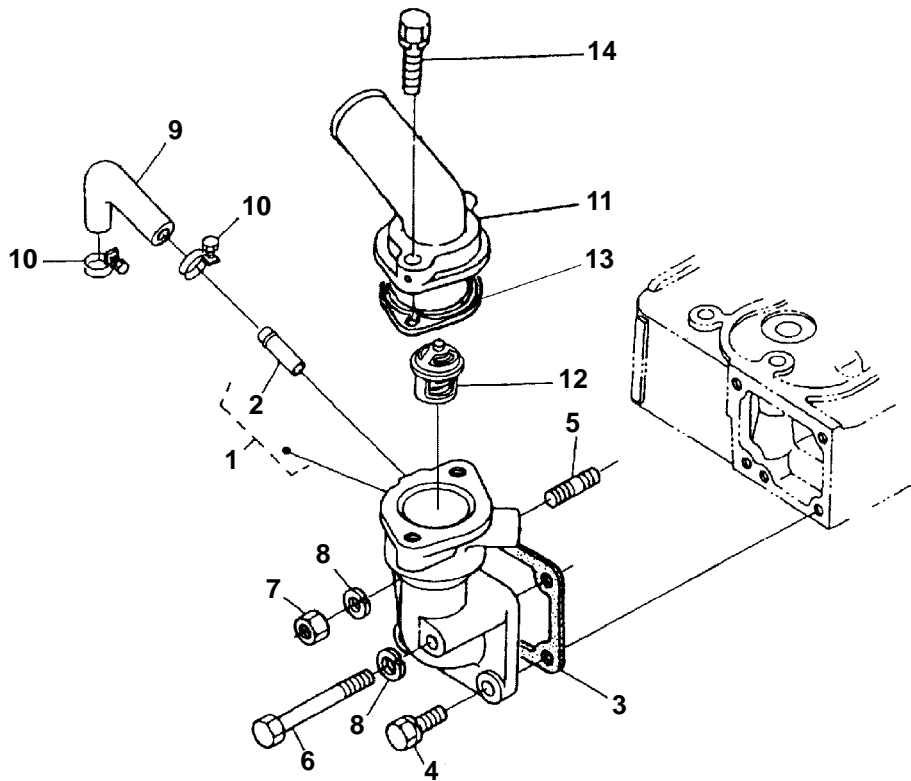
Item	Part Number	Description	Qty
1	25-15276-00	Pan, Oil 2 Piece Top	1
2	25-15277-00	Cover, Oil Pan 2 Piece Bottom	1
3	25-39027-00	Gasket, Oil Pan	1
4	25-15278-00	Gasket, Oil Pan Cover 2 Piece	1
5	25-39030-00	Bolt, Metric, M10	16
6	25-37077-00	Bolt, M10	8
7	25-39021-00	Bolt	20
8	25-36738-00SV	Plug and Gasket - Includes:	1
9	25-36739-00	Gasket, Copper O-Ring	1
10	25-39029-00	Plug	1
11	25-15073-00	Gasket, Copper O-Ring	1
12	25-37079-00	Screen Filter, Oil Pump Pickup	1
13	25-37657-00	Bolt, M8 X 16 MM Long Grade 7	1
14	25-39032-00	O-Ring, Oil Pickup Tube	1
15	25-39276-00	Gasket, Copper O-Ring	1
16	25-39277-00	Plug	1

9. DIPSTICK



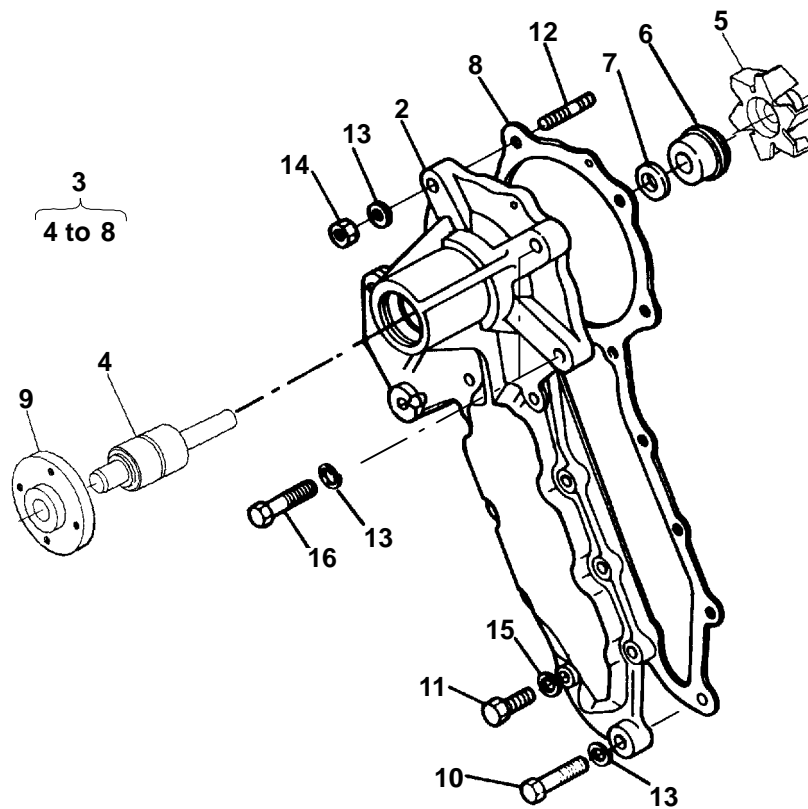
Item	Part Number	Description	Qty
1	25-15071-00	Tube, Oil Fill	1
2	25-15070-00	Dipstick / Fil Cap	1
3	25-37310-00	O-Ring	1

10. THERMOSTAT



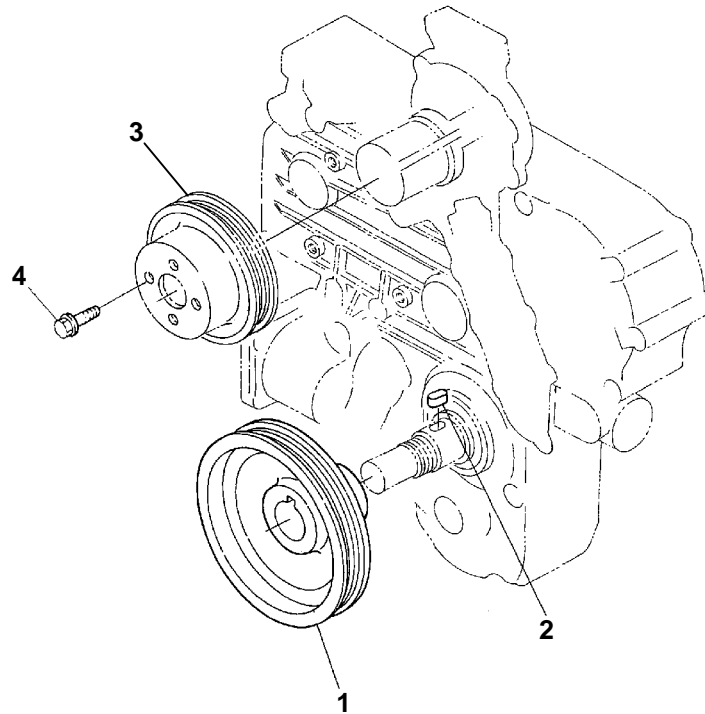
Item	Part Number	Description	Qty
1	25-37560-01	Flange, Thermostat - Includes:	1
2	25-38727-00	Pipe, Water Return	1
3	25-37561-00	Gasket, Thermostat Flange	1
4	25-38283-00	Bolt, M8 x 22MM - Grade 7	2
5	25-37237-00	Stud	1
6	25-37664-00	Bolt, M8-1.25 x 65MM	1
7	25-35685-00	Nut, Hex M8	1
8	25-35687-00	Washer, Spring	2
9	25-39348-00	Hose, Water Return	1
10	44-00045-06	Clamp	2
11	25-38735-00	Cover, Thermostat	1
12	25-37559-01	Thermostat, Kit - Includes:	1
13	25-37558-00	Gasket	1
14	25-37662-00	Bolt	2

11. WATER PUMP



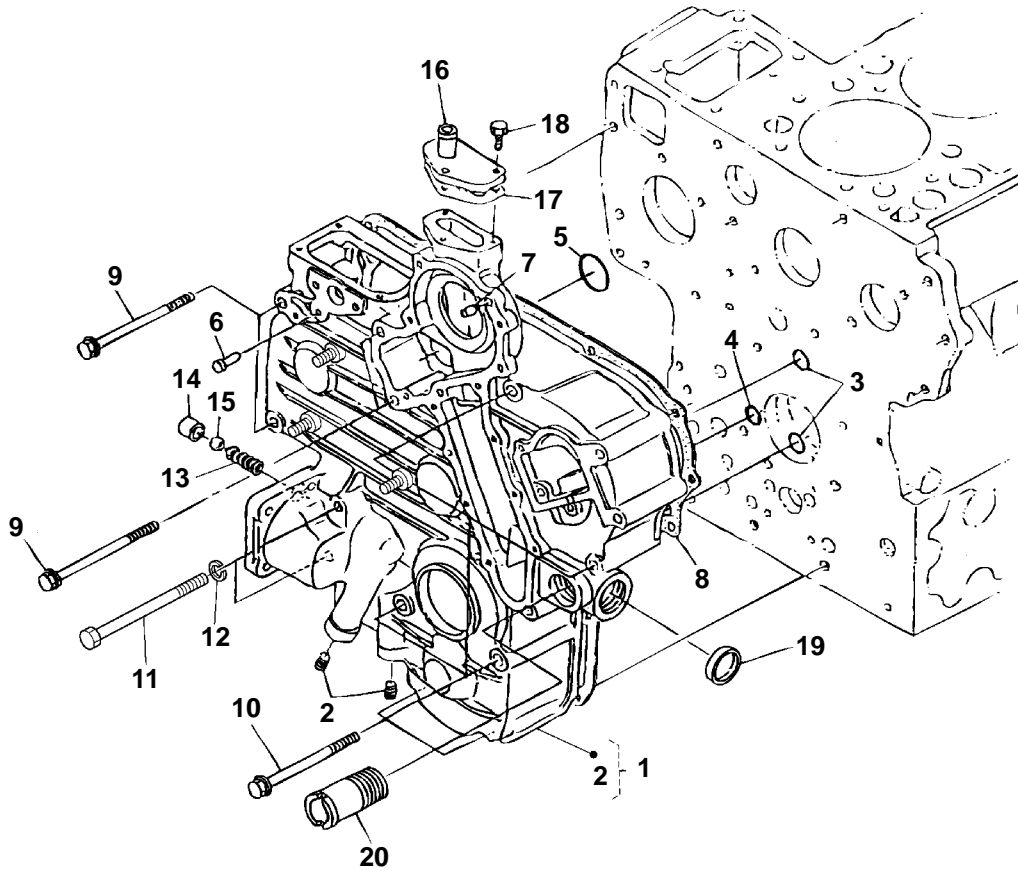
Item	Part Number	Description	Qty
1	25-37581-10	Pump Assembly, Water - Includes:	1
2	NSS	Body, Water Pump	1
3	25-37580-20	Kit, Water Pump - Includes:	1
4	NSS	Shaft, Water Pump	1
5	NSS	Impeller, Water Pump	1
6	NSS	Seal, Water Pump	1
7	NSS	Slinger	1
8	25-37574-00	Gasket, Water Pump	1
9	25-37580-05	Flange, Water Pump	1
10	25-37148-00	Bolt, M8 X 87 MM Long - Grade 7	3
11	25-39084-00	Bolt, M6-1.00 x 18MM	8
12	25-37671-00	Stud	2
13	25-35687-00	Washer, Spring	7
14	25-35685-00	Nut, Hex M8	2
15	25-35692-00	Washer, Spring, M6	8
16	25-38718-00	Bolt, M8-1.25 x 28MM	2

12. PULLEY



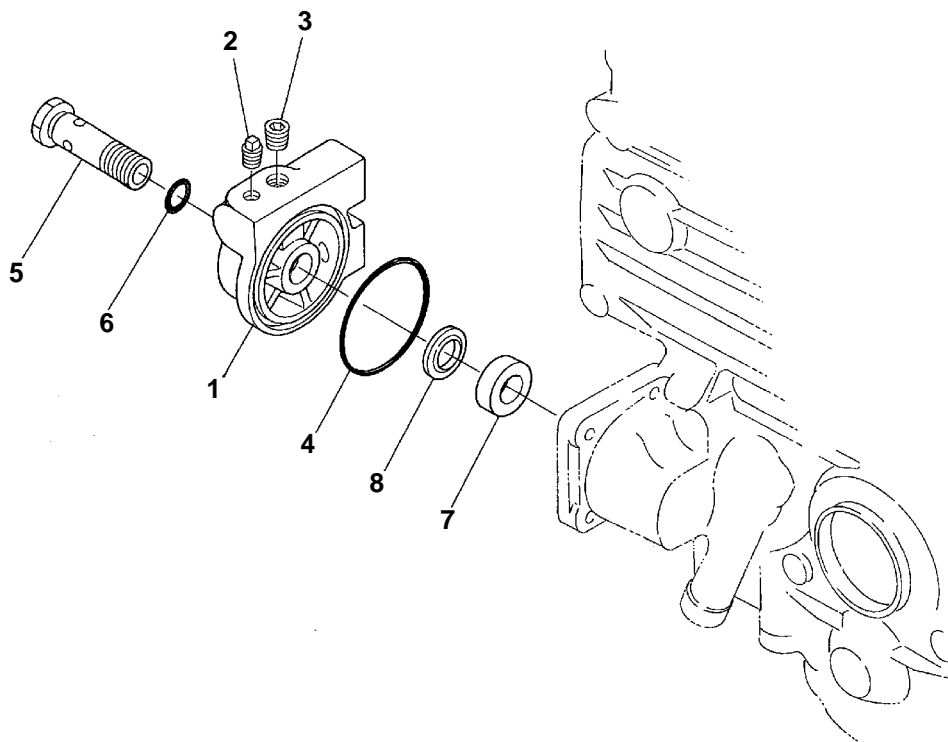
Item	Part Number	Description	Qty
1	25-15290-00	Pulley, Fan Drive	1
2	25-37700-00	Key, Feather	1
3	25-15289-00	Pulley, Fan	1
4	945721	Bolt, Flange	4

13. GEAR CASE



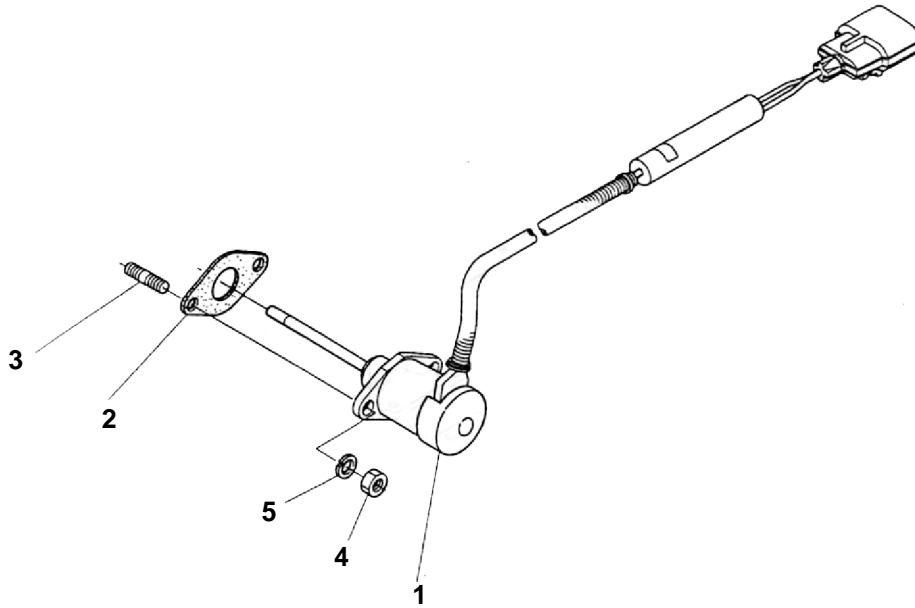
Item	Part Number	Description	Qty
1	25-15279-00	Gear Case , Assembly - Includes:	1
2	25-39051-00	Plug	2
3	25-37142-00	O-Ring	2
4	25-39363-00	O-Ring	1
5	25-37143-00	O-Ring	1
6	25-37144-00	Pin, Start Spring	1
7	25-37695-00	Pin, Straight	2
8	25-39054-00	Gasket, Gear Case	1
9	25-37148-00	Bolt	3
10	25-15302-00	Bolt	10
11	25-37149-00	Bolt	2
12	25-35687-00	Washer Spring	2
13	25-37152-00	Spring	1
14	25-39066-00	Seat, Valve	1
15	25-37154-00	Ball	1
16	25-37155-00	Flange, Water Return	1
17	25-37156-00	Gasket, Water Flange	1
18	25-35704-00	Bolt	3
19	25-35690-00	Cap, Sealing	1
20	25-39063-00	Pipe, Water	1

14. OIL FILTER



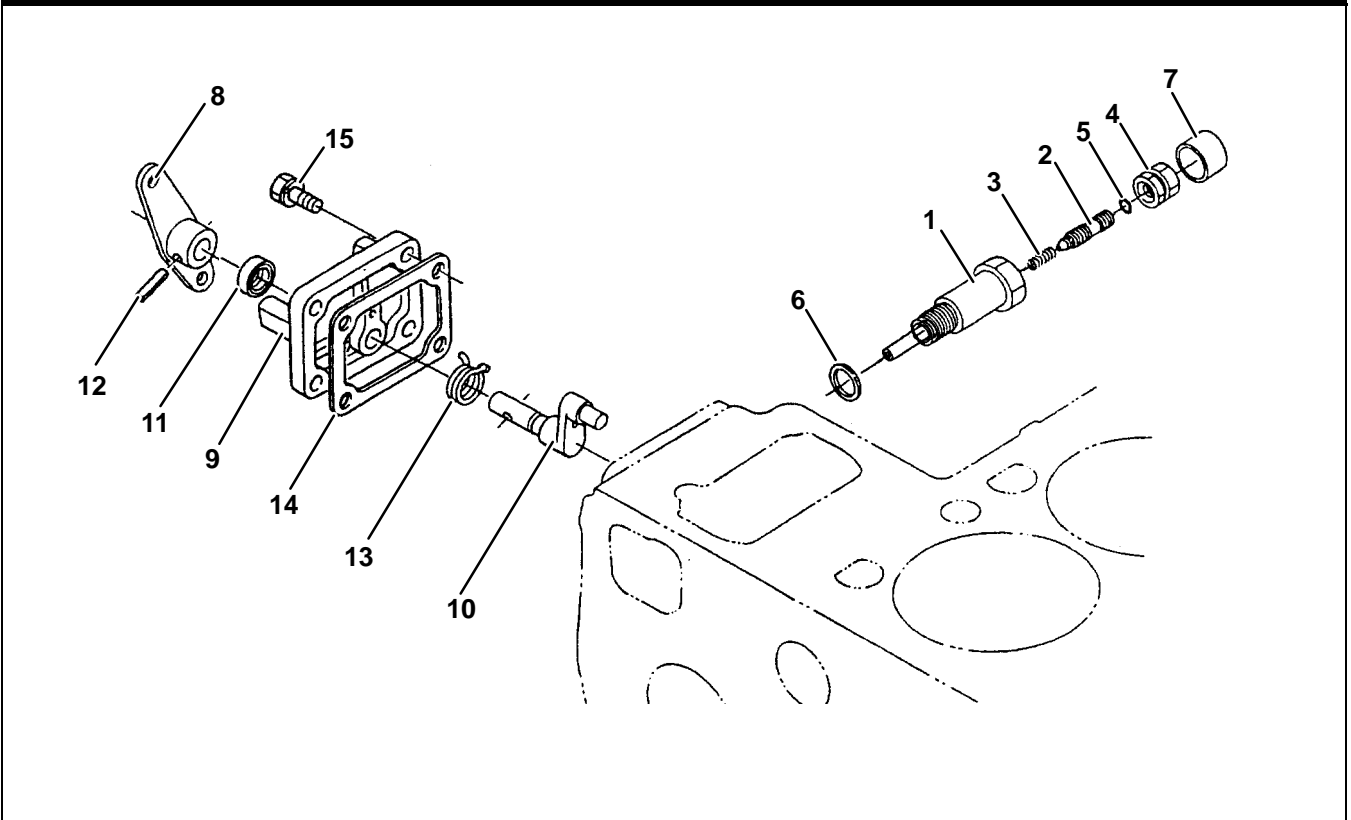
Item	Part Number	Description	Qty
1	25-15285-00	Assembly, Oil Filter Base - Includes:	1
2	25-36683-00	Plug	1
3	25-15384-00	Plug	1
4	25-37158-00	O-Ring	1
5	25-15349-00	Plug, Oil Filter	1
6	25-37142-00	O-Ring	1
7	25-15350-00	Collar	1
8	25-15351-00	Washer, Rubber Coated	1

15. STOP SOLENOID



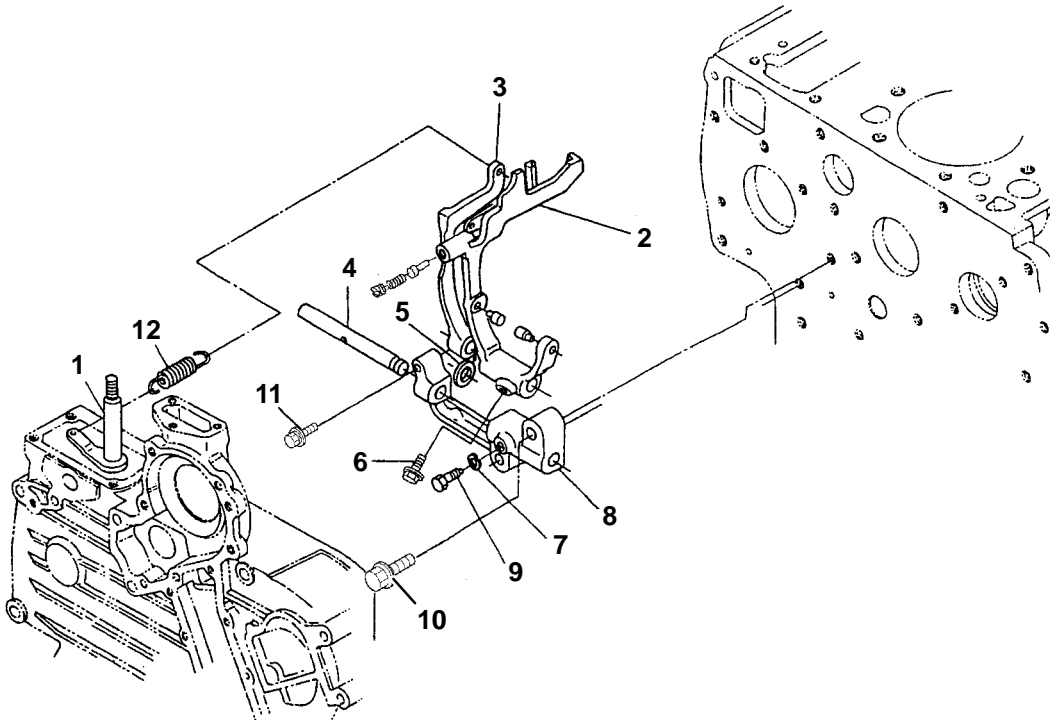
Item	Part Number	Description	Qty
1	25-38109-05SV	Solenoid, 12 VDC - Includes:	1
2	25-39171-00	Gasket, Fuel Solenoid	1
3	25-37672-00	Stud, M6	2
4	25-35684-00	Nut, M6	2
5	25-35692-00	Washer, Spring, M6	2

16. ENGINE STOP LEVER



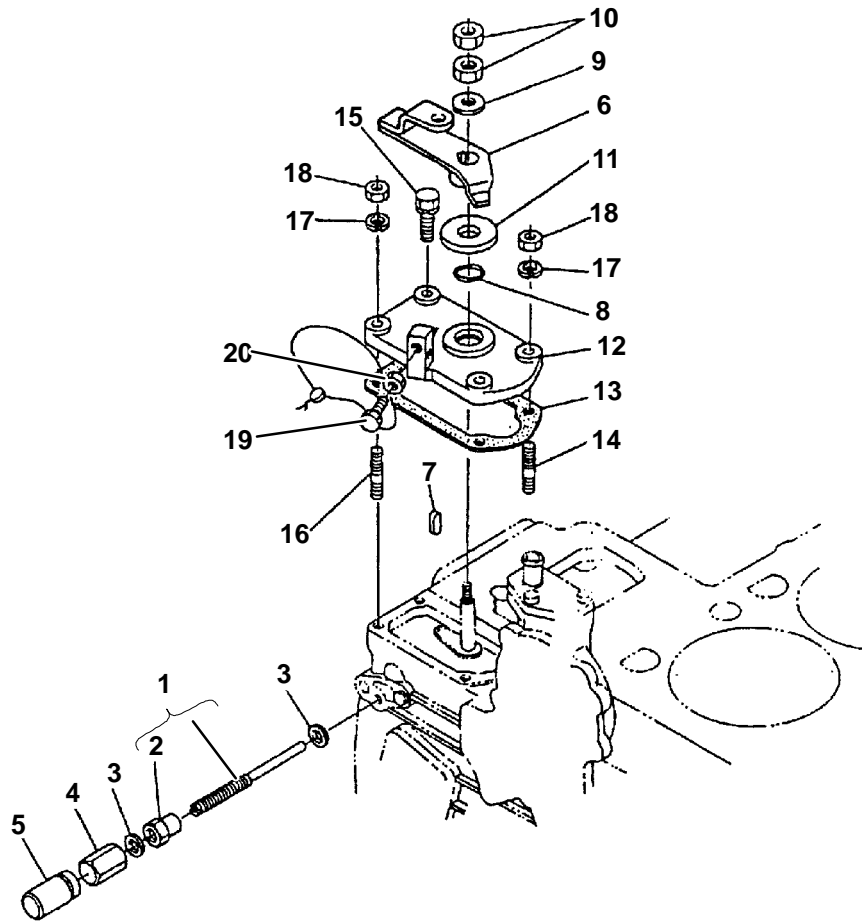
Item	Part Number	Description	Qty
1	25-39301-00	Idle , Adjuster Assembly - Includes:	1
2	25-39257-00	Bolt, Adjusting - Includes:	1
3	25-39368-00	Spring	1
4	25-39262-00	Nut, Spring	1
5	25-39266-00	O-Ring	1
6	25-39267-00	Gasket	1
7	25-39264-00	Cap	1
8	25-15286-00	Lever Assembly, Engine Stop - Includes:	1
9	NSS	Cover, Injection Pump	1
10	NSS	Shaft, Lever	1
11	25-36830-00	Seal, Oil	1
12	25-37536-00	Pin, Spring	1
13	25-39218-00	Spring, Return	1
14	25-37537-00	Gasket, Pump Cover	1
15	25-39084-00	Bolt, M6-1.00 x 18MM	4

17. GOVERNOR



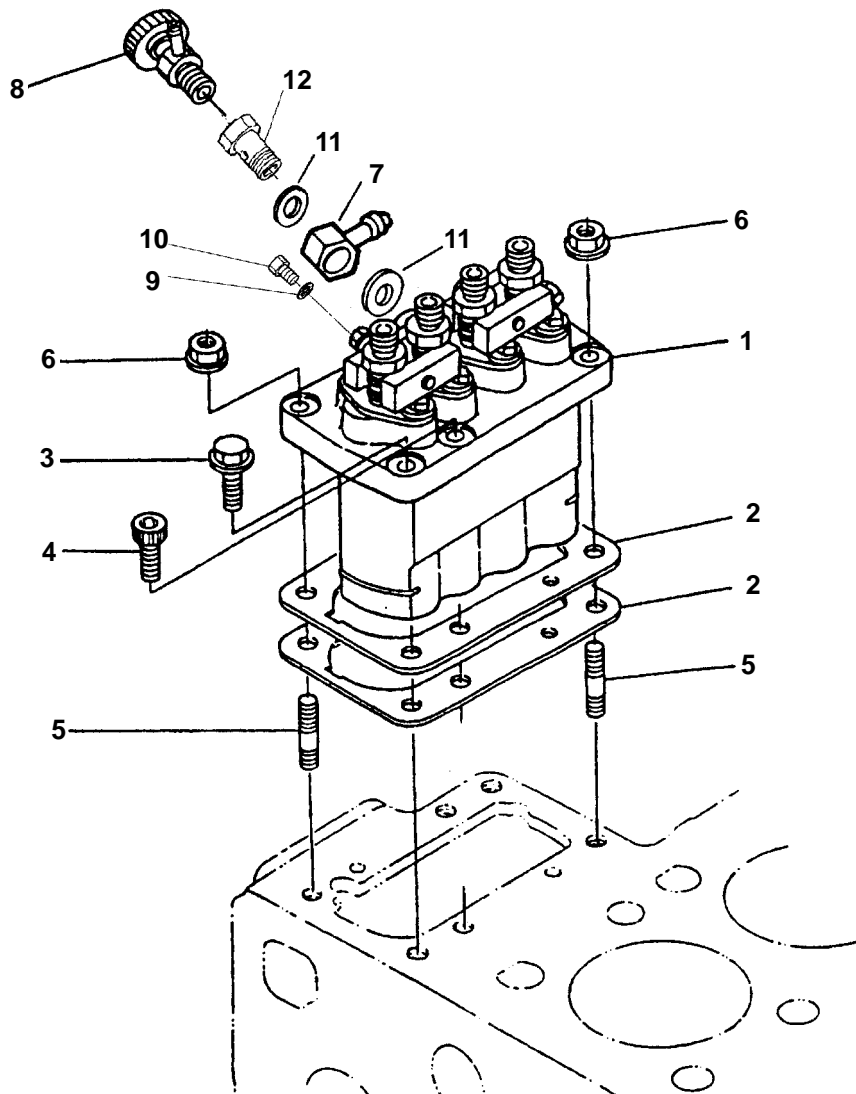
Item	Part Number	Description	Qty
1	25-39269-00	Lever Assembly, Governor	1
2	25-39340-00	Fork Lever Assembly	1
3	25-39103-00	Fork Lever	1
4	25-39272-00	Shaft, Fork Lever	1
5	25-39213-00	Washer, Plain	1
6	25-39273-00	Bolt, Flange	1
7	25-35692-00	Washer, Spring	1
8	25-39274-00	Holder, Fork Lever	1
9	25-35354-00	Bolt	1
10	25-39394-00	Bolt, Flange	2
11	25-39395-00	Bolt	1
12	25-39275-00	Spring	1

18. SPEED CONTROL PLATE



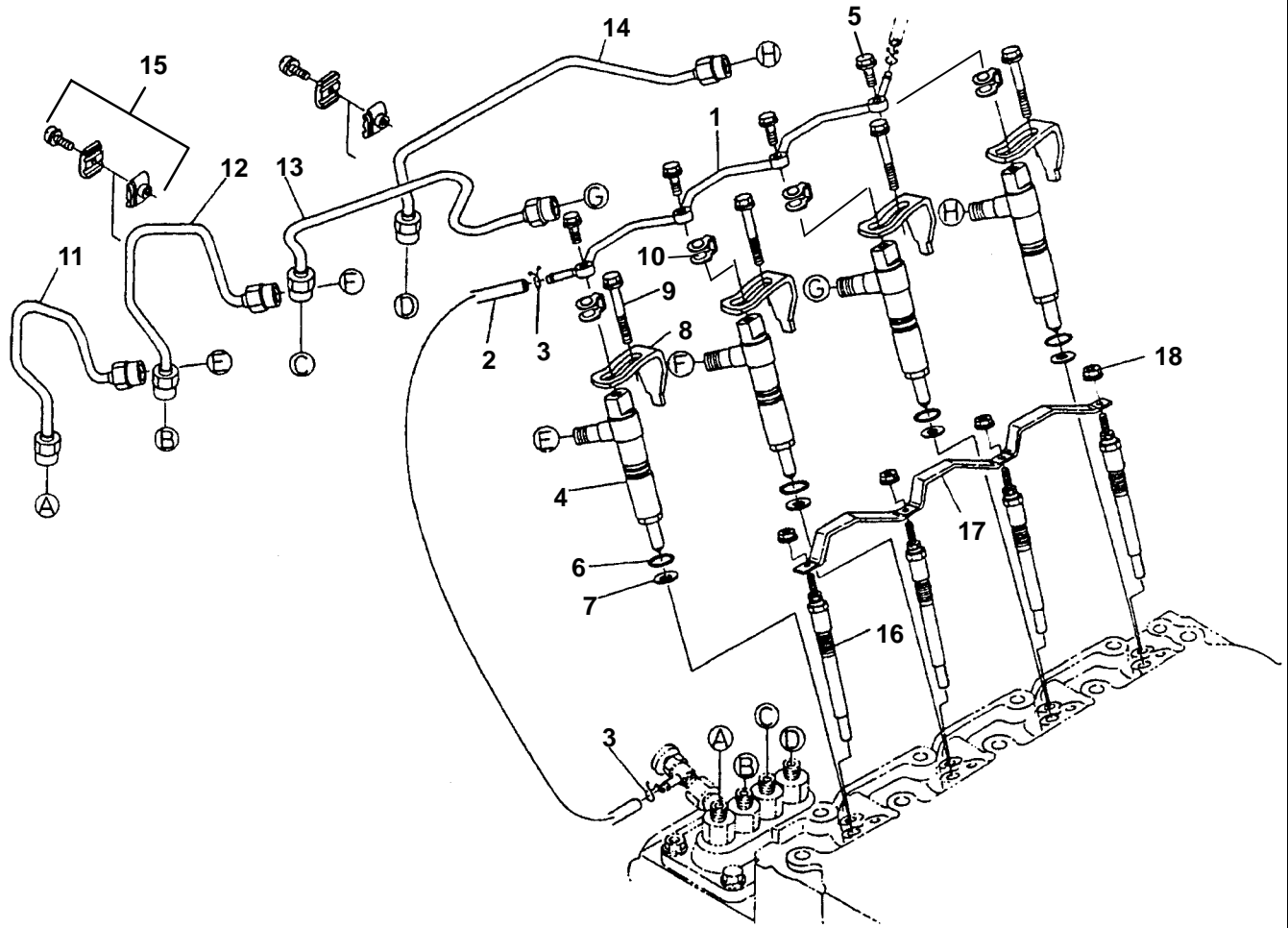
Item	Part Number	Description	Qty
1	25-39396-00	Bolt, Adjusting - Includes:	1
2	25-37491-00	Nut, Special	1
3	25-37492-00	Gasket, Copper O-Ring	2
4	25-39191-00	Nut, Lock	1
5	25-15301-00	Cap, Fuel Adjustment	1
6	25-37503-00SV	Lever, Speed Control Plate	1
7	25-37496-00	Key, Feather	1
8	25-39200-00	Seal, O-Ring	1
9	25-37686-00	Washer, Plain, M8	1
10	25-35524-00	Nut	2
11	25-39193-00	Plate, Friction	1
12	25-39194-01	Plate, Speed Control - Includes:	1
13	25-37500-01	Gasket, Speed Control Plate	1
14	25-39195-00	Stud	1
15	25-35678-00	Bolt	2
16	25-37672-00	Stud, M6	1
17	25-35692-00	Washer, Spring, M6	2
18	25-35684-00	Nut, M6	2
19	25-37502-00	Bolt, M6 X 40 MM Long	1
20	25-35684-00	Nut, M6	1

19. INJECTION PUMP



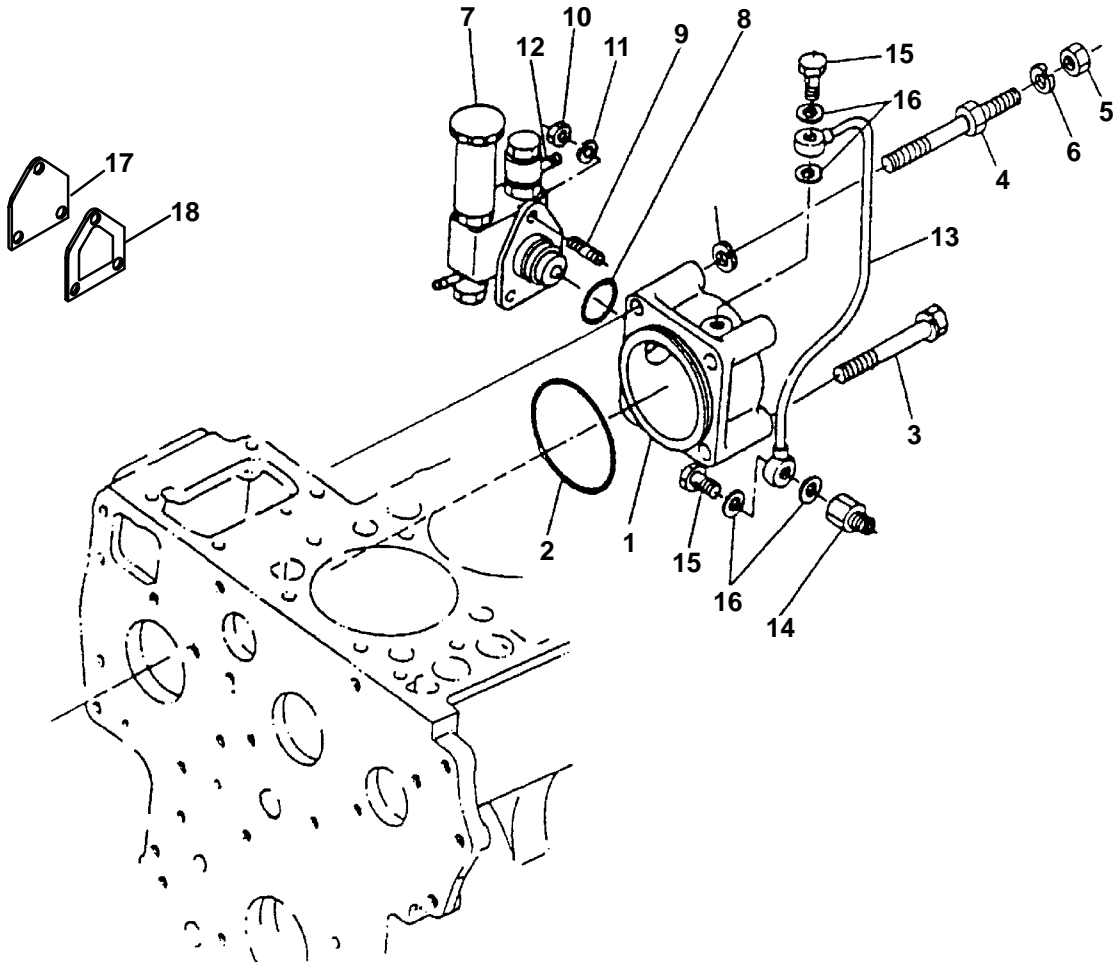
Item	Part Number	Description	Qty
1	25-39352-00	Injection Pump Assembly	1
2	25-39390-00	Shim (0.20MM)	A/R
	25-39391-00	Shim (0.25MM)	A/R
	25-39392-00	Shim (0.30MM)	A/R
	25-39393-00	Shim (0.35MM)	A/R
3	25-39093-00	Bolt, Flange	3
4	25-39097-00	Bolt, Hex-Socket	1
5	25-37237-00	Stud	2
6	25-39095-00	Nut, Flange	2
7	25-35485-00	Fitting, Banjo	1
8	25-37593-00	Valve, Fuel Bleeder	1
9	25-36643-00	Gasket	2
10	25-36619-00	Screw, Air Bleed	2
11	25-36641-00	Gasket	2
12	25-36618-00	Bolt, Banjo	1

20. INJECTORS AND GLOW PLUGS



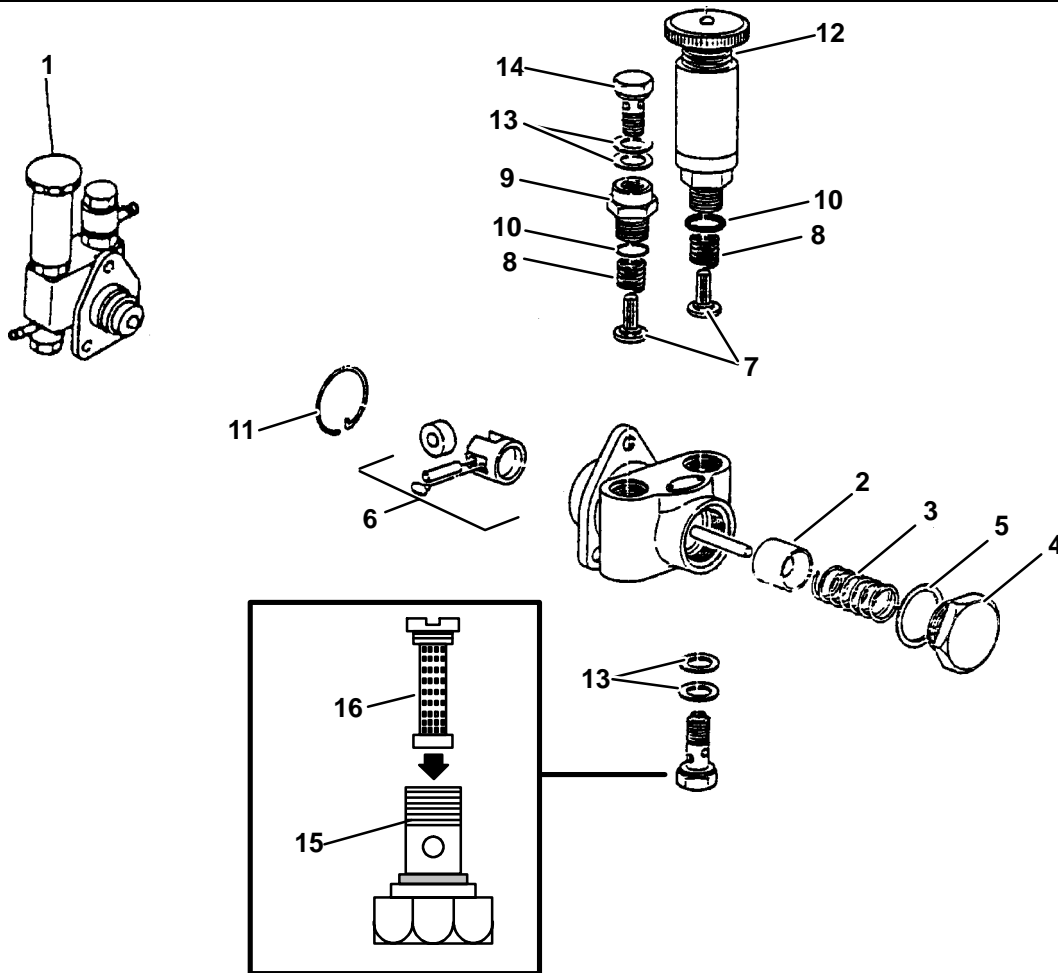
Item	Part Number	Description	Qty
1	25-39222-00	Assembly Pipe, Over Flow	1
2	58-00659-00	Pipe, Fuel Over Flow	A/R
3	44-00045-25	Clamp, Hose	3
4	25-15397-00	Injector Assembly - Includes:	4
5	25-15394-00	Bolt, Eye	4
6	25-37142-00	O-Ring	4
7	25-15395-00	Gasket	4
8	25-39229-00	Clamp, Nozzle	4
9	25-39397-00	Bolt, Flange	4
10	25-39399-00	Gasket, Leak Off Line	4
11	25-15560-00	Pipe, Injection Cylinder #1	1
12	25-15561-00	Pipe, Injection Cylinder #2	1
13	25-15562-00	Pipe, Injection Cylinder #3	1
14	25-15563-00	Pipe, Injection Cylinder #4	1
15	25-38140-00	Clamp, Kit Injector Line	A/R
16	25-39238-00	Glow Plug	4
17	25-15396-00	Cord, Glow Plug	1
18	25-34222-00	Nut, Flange, M4	4

21. FUEL PUMP



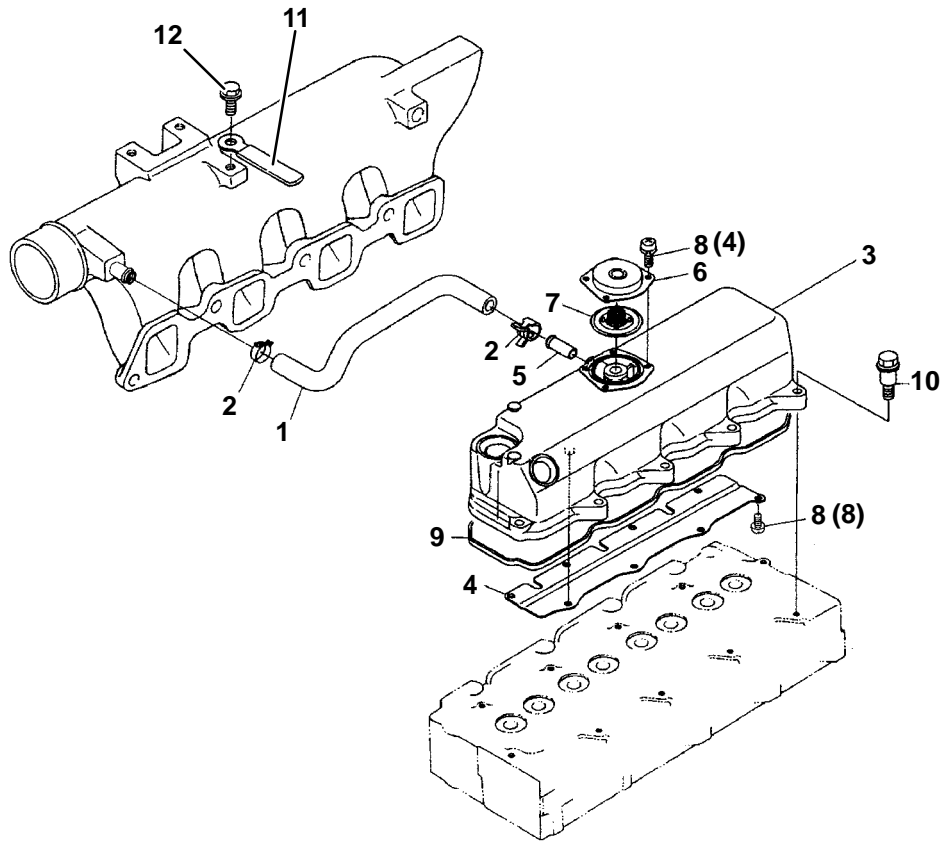
Item	Part Number	Description	Qty
1	25-38663-00	Holder, Fuel Lift Pump	1
2	25-38664-00	O-Ring	1
3	25-37449-00	Bolt	2
4	25-38662-00	Stud	2
5	25-37681-00	Nut, M10	2
6	25-37690-00	Washer, M10	4
7	25-38666-00	Pump Assembly, Fuel Lift	1
8	25-38667-00	O-Ring	1
9	25-36715-00	Stud	3
10	25-35684-00	Nut, M6	3
11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

22. FUEL PUMP ASSEMBLY



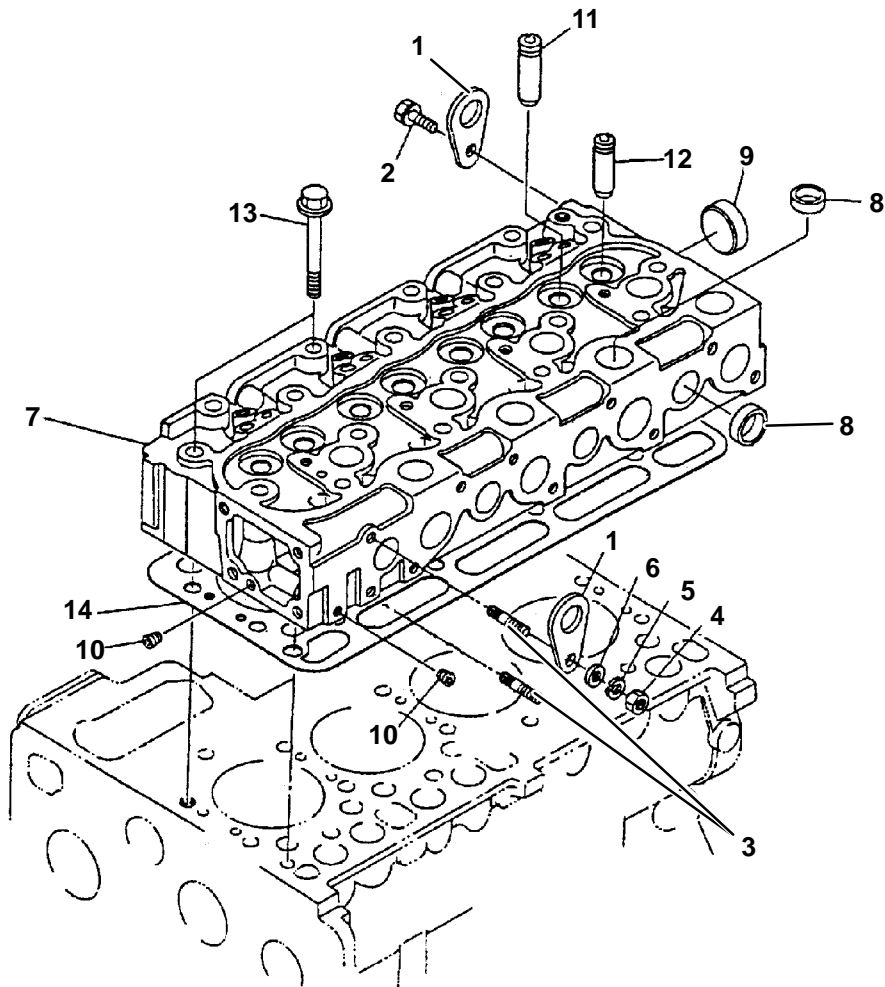
Item	Part Number	Description	Qty
1	25-38666-00	Pump Assembly, Fuel Lift - Includes:	1
2	25-38666-01	Piston, Fuel Pump	1
3	25-38666-02	Spring, Fuel Pump	1
4	25-38666-03	Plug, Fuel Pump	1
5	25-38666-04	Gasket, Copper O-Ring	1
6	25-38666-05	Tappet Assembly	1
7	29-50052-50	Valve, Fuel Pump	2
8	25-38666-07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

23. VALVE COVER / BREATHER



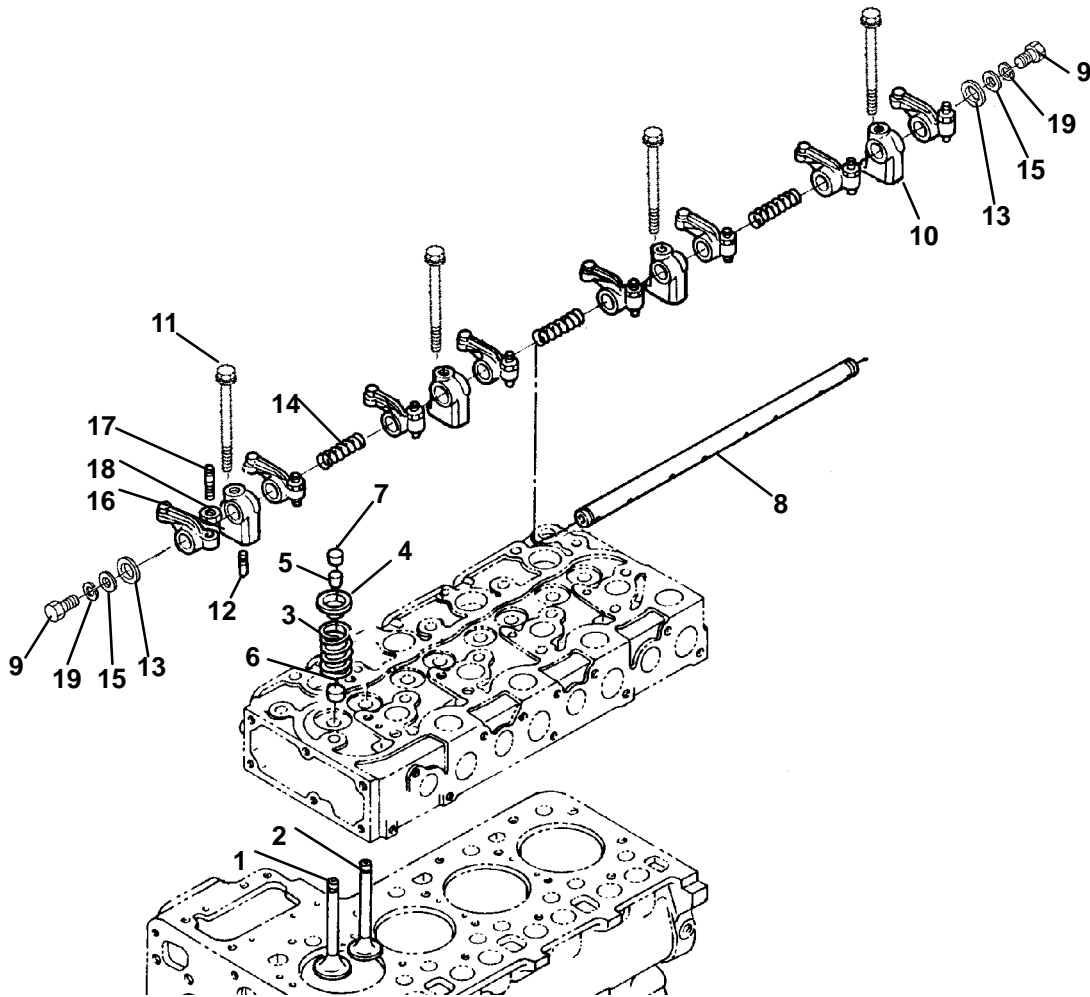
Item	Part Number	Description	Qty
1	25-38725-00	Tube, Breather	1
2	44-00045-01	Clamp	2
3	25-38769-00	Cylinder Head Cover - Includes:	1
4	25-38712-00	Shield, Breather	1
5	25-38727-00	Pipe, Water Return	1
6	25-38719-00	Cover, Breather	1
7	25-38720-00	Valve, Breather	1
8	25-36197-00	Screw	12
9	25-38713-00	Gasket	1
10	25-38714-00	Bolt	10
11	25-38730-00	Clamp, Cord	1
12	25-39024-00	Bolt	1

24. CYLINDER HEAD



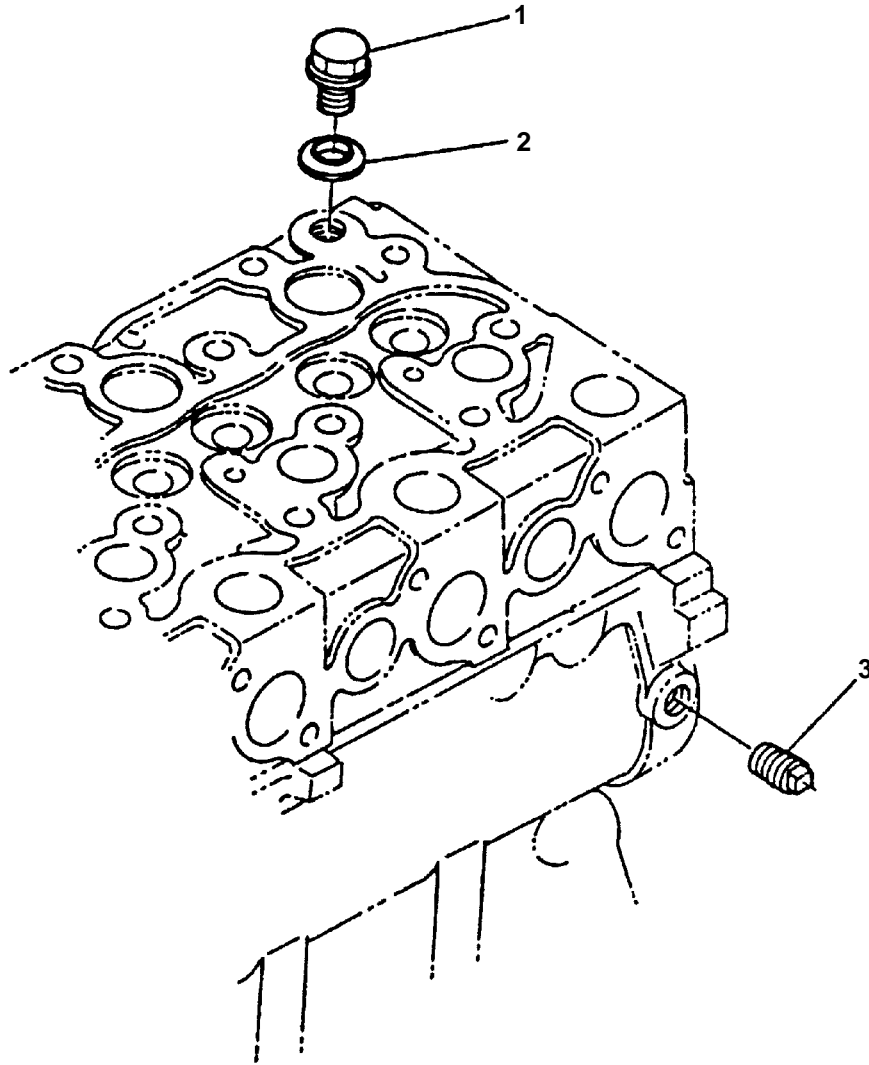
Item	Part Number	Description	Qty
1	25-15020-00	Lifting Eye	2
2	944030	Bolt	1
3	25-37119-00	Stud	2
4	25-35685-00	Nut, Hex M8	1
5	25-35687-00	Washer, Spring M8	1
6	25-35531-00	Washer, Plain M8	1
7	25-15356-00	Cylinder Head - Includes:	1
8	25-37106-00	Cap, Sealing	12
9	25-37107-00	Cap, Sealing	1
10	25-37108-00	Plug	2
11	25-39036-00	Guide, intake (Ream To Size)	4
12	25-15357-00	Guide, Exhaust (Ream To Size)	4
13	25-38528-00	Bolt, Cylinder Head	18
14	25-39355-00	Gasket, Cylinder Head	1

25. VALVES AND ROCKER ARMS



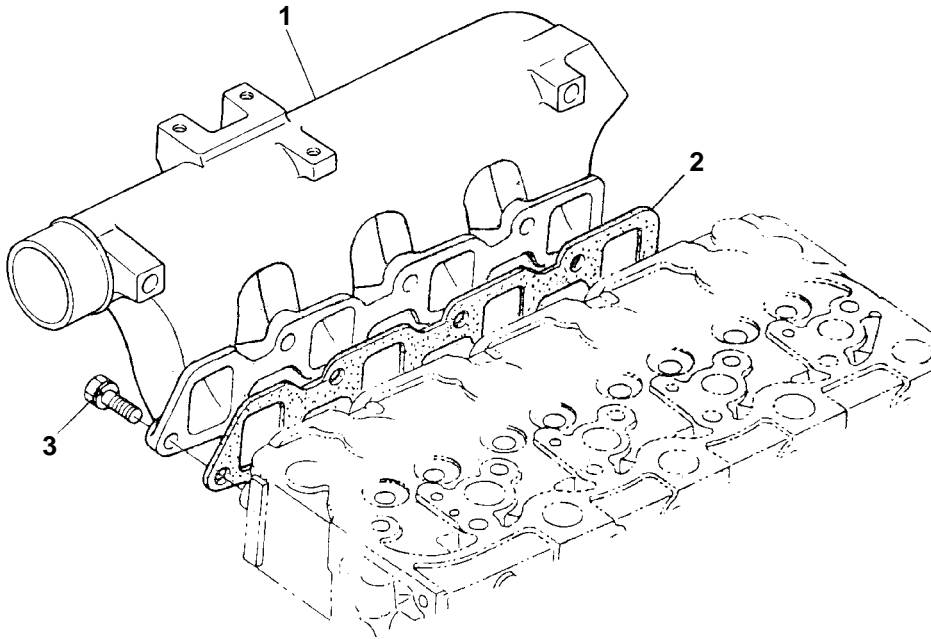
Item	Part Number	Description	Qty
1	25-38087-00	Valve, Intake	4
2	25-38088-00	Valve, Exhaust	4
3	25-37262-00	Spring, Valve	8
4	25-37263-00	Retainer, Spring	8
5	25-37264-00	Keeper, Valve	8
6	25-39338-00	Seal, Valve Stem	8
7	25-37266-00	Cap, Valve	8
8	25-39334-00	Shaft, Rocker Arm	1
9	25-37425-00	Bolt	2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

26. PLUG



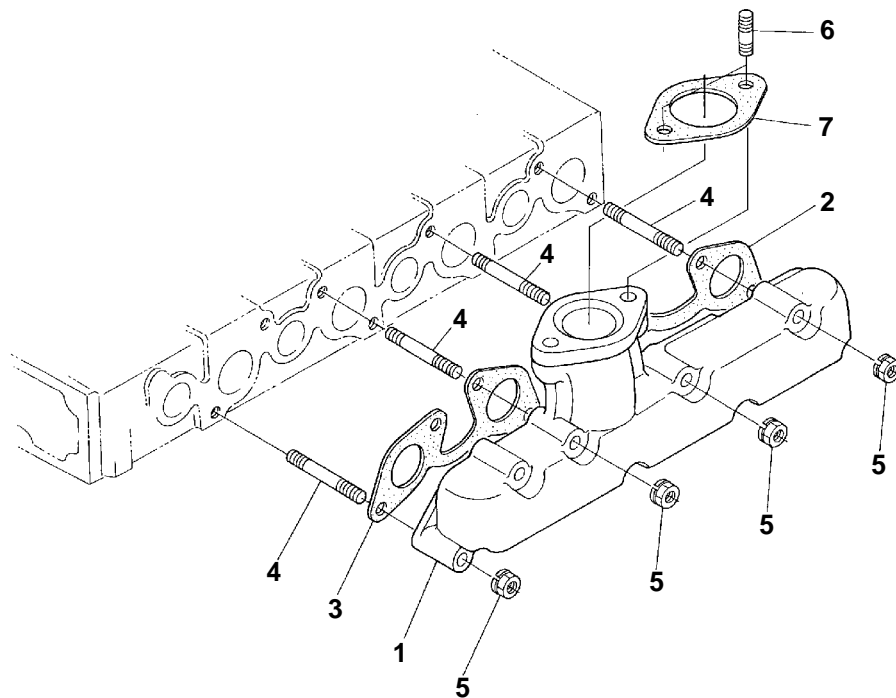
Item	Part Number	Description	Qty
1	25-38052-00	Plug	1
2	25-38053-00	Washer, With Rubber	1
3	25-37049-00	Plug	1

27. INTAKE MANIFOLD



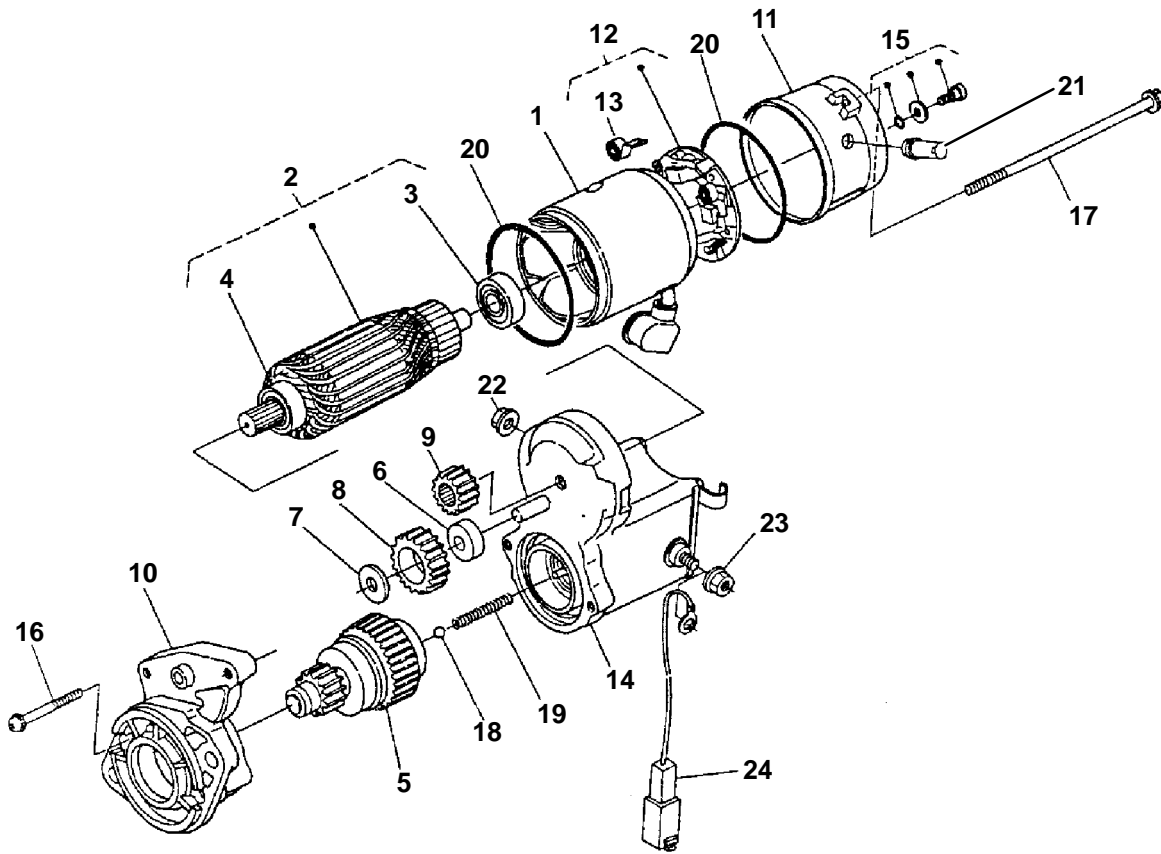
Item	Part Number	Description	Qty
1	25-15355-00	Manifold, Intake	1
2	25-39188-00	Gasket, Intake Manifold	1
3	25-37659-00	Bolt	7

28. EXHAUST MANIFOLD



Item	Part Number	Description	Qty
1	25-15283-00	Manifold, Exhaust	1
2	25-39336-00	Gasket, Exhaust Manifold	1
3	25-39337-00	Gasket, Exhaust Manifold	1
4	25-15391-00	Stud	8
5	25-35685-00	Nut	8
6	25-15392-00	Stud	2
7	25-37238-00	Gasket, Muffler	1

29. STARTER ASSEMBLY



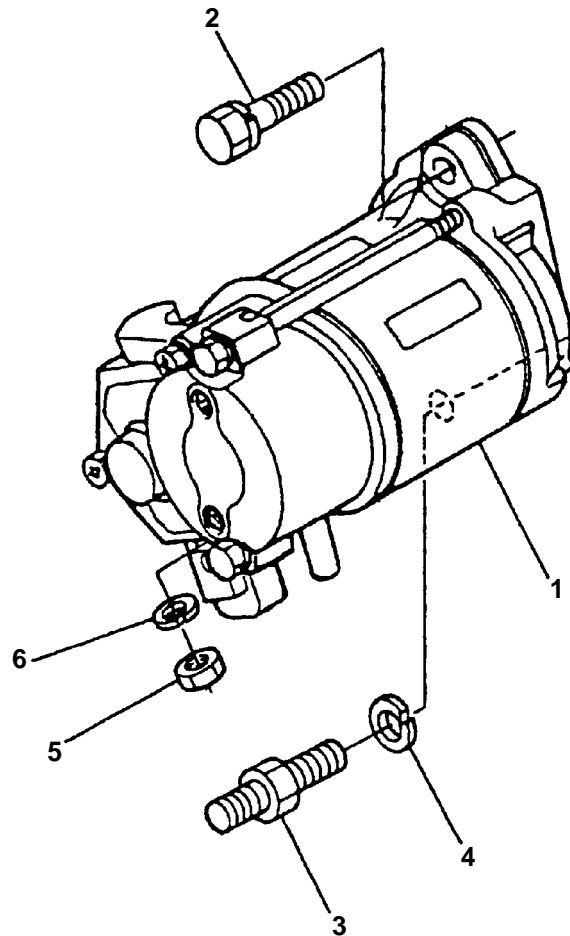
REPLACEMENT PARTS FOR STARTER 25-39316-00

Item	Part Number	Description	Qty
1	25-39240-00	Field Coil	1
2	25-39241-00	Armature - Includes:	1
3	25-39242-00	Bearing	1
4	29-70123-00	Bearing	1
5	25-39329-00	Clutch Assembly, Starter	1
6	25-35458-09	Roller	5
7	25-39323-00	Retainer	1
8	25-39328-00	Gear Idler	1
9	25-39327-00	Gear, Armature	1
10	25-39325-00	Frame, Drive End	1
11	25-39245-00	Frame, Brush Holder End	1
12	25-39246-00	Holder, Brush - Includes:	1
13	25-39247-00	Spring, Brush	4
14	25-39324-00	Solenoid, Assembly	1
15	25-39249-00	Screw	2

29. STARTER ASSEMBLY - Continued

Item	Part Number	Description	Qty
16	25-39185-00	Screw	2
17	25-39186-00	Bolt, Through	2
18	941598	Ball, Steel	1
19	25-39326-00	Spring, Clutch Engagement	1
20	25-37738-00	O-Ring, Starter	2
21	29-70227-00	Pipe, Drain	1
22	25-37742-00	Nut	1
23	29-70223-00	Nut	1
24	25-39135-03	Wire Assembly, Solenoid	1

30. STARTER



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

31. GASKET SET**NOTE: REFER TO APPROPRIATE GROUP FOR ILLUSTRATION**

GROUP	ITEM	PART NO.	DESCRIPTION	QTY
NS	NS	25-15393-00	GASKET KIT - INCLUDES:	1
8.	3	25-39027-00	GASKET,OIL PAN	1
13.	8	25-39054-00	GASKET, GEAR CASE	1
13.	17	25-37156-00	GASKET, WATER RETURN FLANGE	1
3.	13	25-39376-00	GASKET, MAIN BEARING CASE	1
3.	12	25-38717-00	GASKET, MAIN BEARING CASE COVER	1
27.	2	25-39188-00	GASKET, INTAKE MANIFOLD	1
28.	2	25-39336-00	GASKET, EXHAUST MANIFOLD	1
28.	3	25-39337-00	GASKET, EXHAUST MANIFOLD	1
28.	7	25-37238-00	GASKET, MUFFLER FLANGE	1
2.	2	25-37041-00	GASKET, OIL PUMP	1
18.	13	25-37500-01	GASKET, SPEED CONTROL PLATE	1
16.	14	25-37537-00	GASKET, PUMP COVER	1
11.	8	25-37561-00	GASKET, WATER PUMP	1
10.	13	25-37558-00	GASKET, THERMOSTAT HOUSING	1
NS	NS	25-35032-00	SO-RING	1
13./20.	3/6	25-37142-00	O-RING	6
13.	5	25-37143-00	O-RING	1
4.	16	25-37389-00	O-RING	1
9.	3	25-37310-00	O-RING	2
16.	5	25-39266-00	O-RING	1
18.	8	25-39200-00	SEAL,O-RING	1
21.	2	25-38664-00	O-RING	1
21.	8	25-38667-00	O-RING	1
13.	4	25-39363-00	O-RING	1
1./ 21.	15/ 16	25-35136-05	GASKET, COPPER O-RING	5
16.	11	25-36830-00	SEAL, OIL	1
3.	9	25-37198-00	SEAL, REAR OIL	1
25.	6	25-39338-00	SEAL, VALVE STEM	8
4.	20	25-37396-01	SEAL,O-RING	1
14.	4	25-37158-00	O-RING	1
18.	3	25-37492-00	GASKET, COPPER O-RING	1
19.	11	25-36641-00	GASKET, COPPER O-RING	2
20.	10	25-39399-00	GASKET, LEAK OFF LINE	4
20.	7	25-15395-00	GASKET, INJECTOR	4
14.	4	25-39056-00	O-RING	1
8.	4	25-39028-00	GASKET,OIL PAN COVER, 2 PIECES	1
15.	2	25-39171-00	GASKET, FUEL SOLENOID	1
8.	9	25-36739-00	GASKET, COPPER O-RING	1
8.	11	25-15073-00	GASKET, COPPER O-RING	1
S INDICATES PARTS THAT ARE IN THE KIT BUT ARE NOT USED ON THIS ENGINE				

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