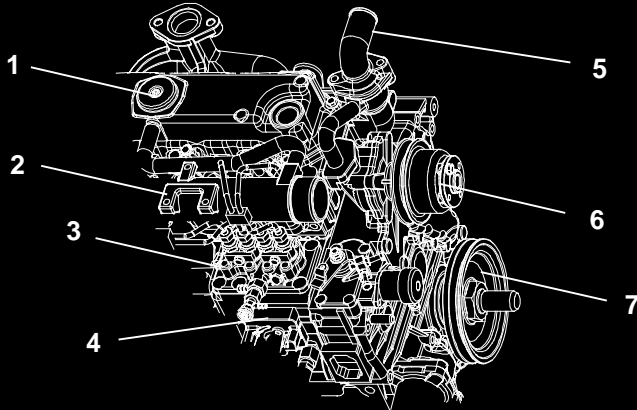




Diesel Engine



SERVICE PARTS LIST
for
V2203-DI (26-00128)
Tier 4i
Electronic Speed Control (ESC)



SERVICE PARTS LIST
for
DIESEL ENGINE

V2203-DI (26-60128)

Tier 4i

Electronic Speed Control (ESC)

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.

REPLACEMENT ENGINE PART NUMBER

Table 1-1. Model Chart

MODEL NUMBER	ENGINE TYPE	ENGINE PART NUMBER	PRIMARY USE
V2203L-DI-E3B-CTD-2	CT4-134-DI (1700 RPM)	26-00128-00 26-00128-06 26-00128-12 26-00128-18 26-00128-24 26-00128-32	Ultra XT/XTC X2 1800 X2 2100 X2 2100A/R Extra XT
V2203L-DI-E3B-CTD-3	CT4-134-DI (1800 RPM)	26-00128-01 26-00128-07 26-00128-13 26-00128-19 26-00128-25 26-00128-30 26-00128-33	RG Genset
V2203L-DI-E3B-CTD-1	CT4-134-DI (2200 RPM)	26-00128-02 26-00128-08 26-00128-14 26-00128-20 26-00128-26 26-00128-34	Ultima XTC X2 2500 A/R
V2203L-DI-E3B-CTD-6	CT4-134-DI (1800 RPM)	26-00128-04 26-00128-10 26-00128-16 26-00128-22 26-00128-28 26-00128-31 26-00128-36	UG Genset
V2203L-DI-E3B-CTD-4	CT4-134-DI (1700 RPM)	26-00128-05 26-00128-11 26-00128-17 26-00128-23 26-00128-29 26-00128-37	Ultra XL
V2203L-DI-E3B-CTD-5	CT4-134-DI (1800 RPM)	26-00128-03 26-00128-09 26-00128-15 26-00128-21 26-00128-27 26-00128-35	Vector 6500 Vector 6600MT

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.*

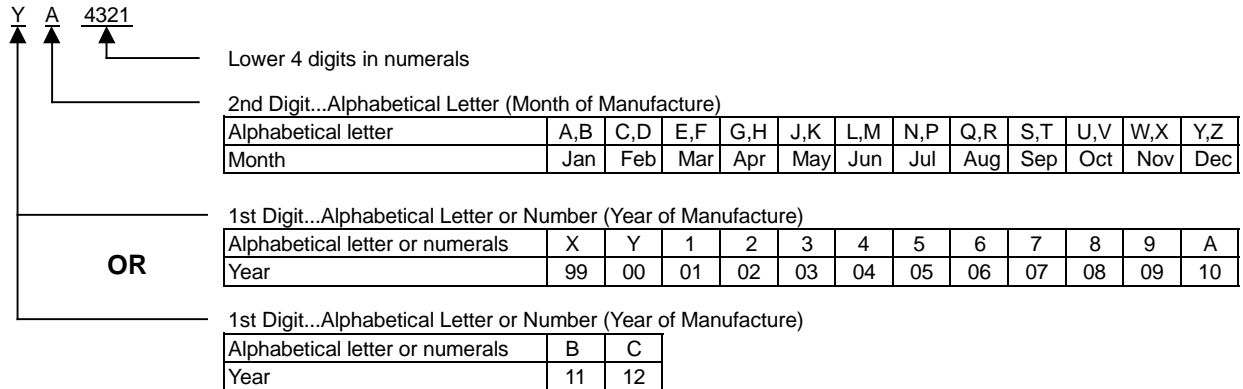
ENGINE SERIAL NUMBER MATRIX

5 & 6 Digit Serial Number - Pre 1999

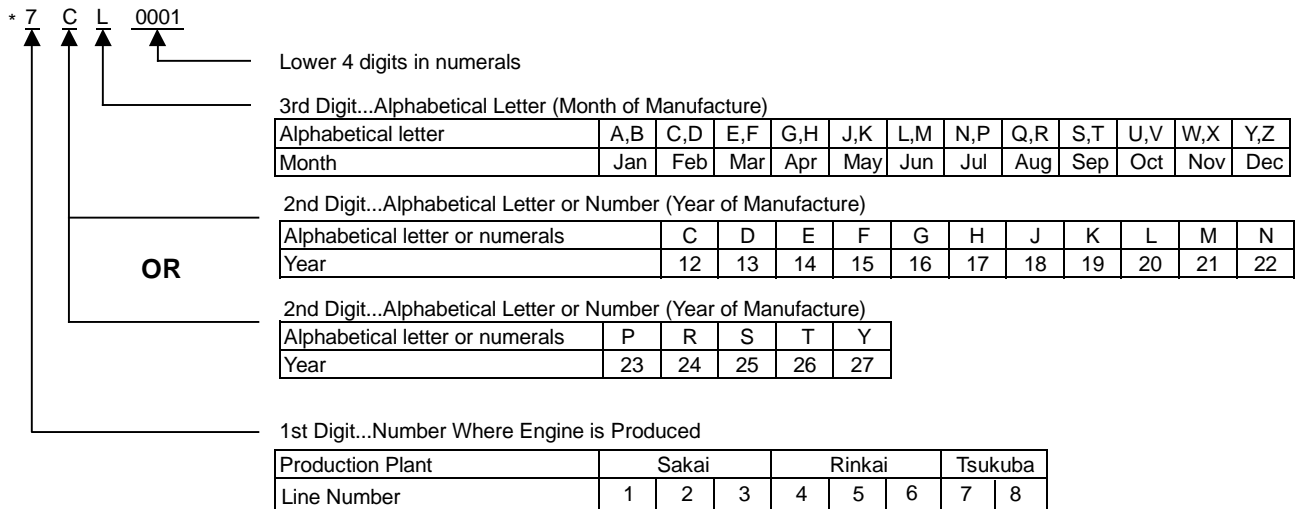
654321... 6 digits all in numerals - Pre 1999 IDI Engine

DIB12345... DIB Prefix with a 5 digit number - Pre 1999 DI Engine

6 Digit Serial Numbers Starting 1999 Through May 2012



7 Digit Serial Numbers Starting June 2012

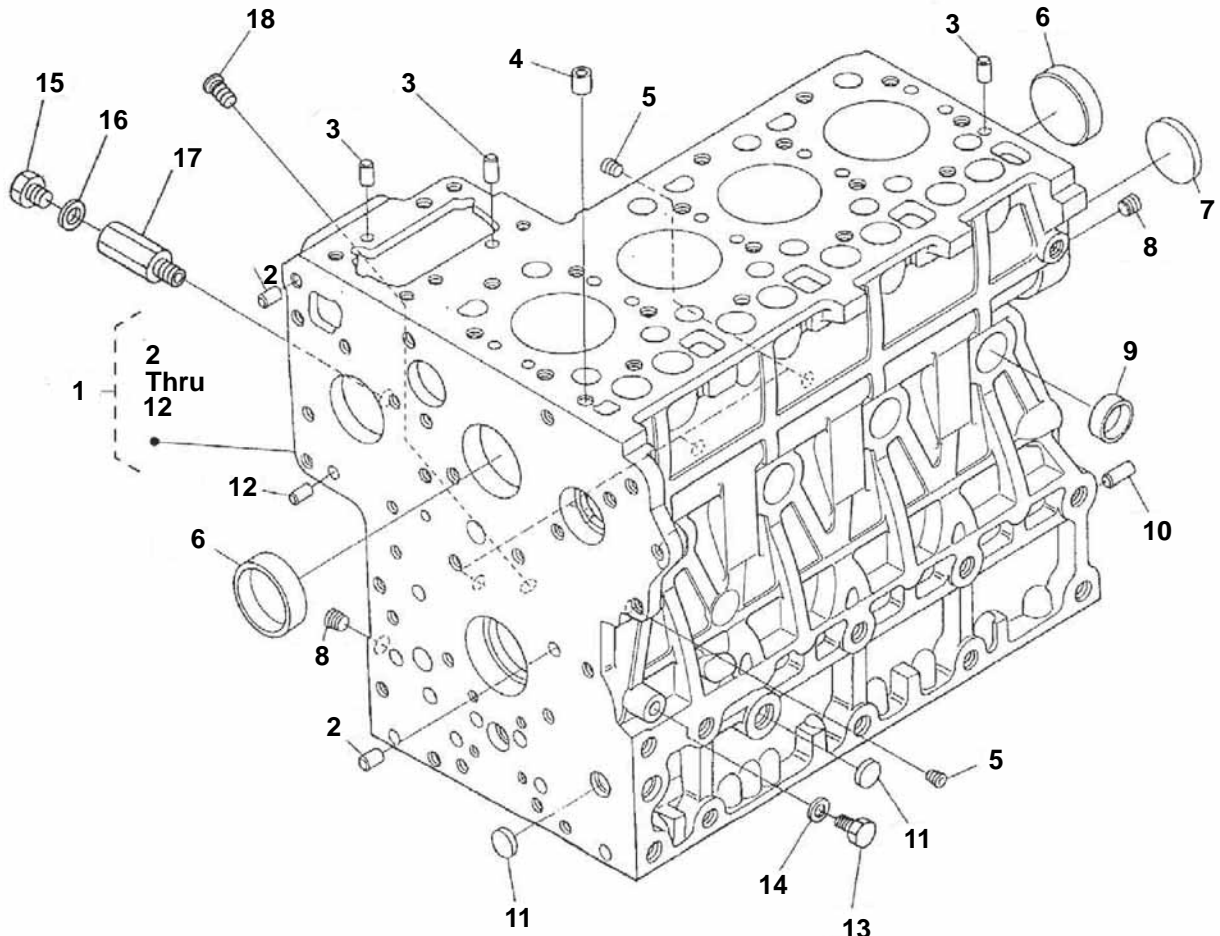


* Beginning on June 1, 2012 the 6-digit serial number will be replaced by the 7-digit serial number. The 1st digit will signify the location of engine manufacture to eliminate the possibility of duplicate serial numbers.

TABLE OF CONTENTS

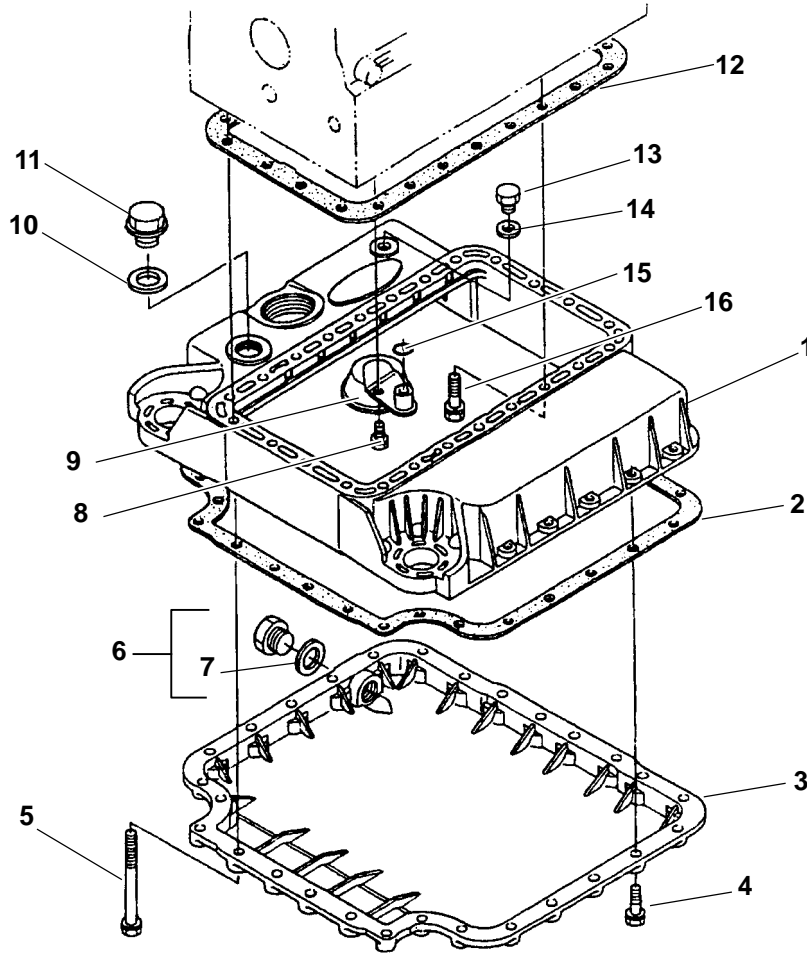
INTRODUCTION	i
REPLACEMENT ENGINE PART NUMBER	i
ENGINE SERIAL NUMBER MATRIX	i
ORDERING INSTRUCTIONS	ii
GENERAL NOTES	ii
1. CRANKCASE	1
2. OIL PAN	2
3. CYLINDER HEAD	3
4. GEAR CASE	4
5. HEAD COVER	8
6. OIL FILTER	9
7. DIPSTICK	10
8. OIL PUMP	11
9. MAIN BEARING CASE	12
10. CAMSHAFT AND IDLE GEAR SHAFT	13
11. PISTON AND CRANKSHAFT	14
12. FLYWHEEL	16
13. FUEL CAMSHAFT	18
14. ENGINE STOP LEVER	19
15. FUEL SPEED SOLENOID	20
16. INJECTION PUMP	21
17. GOVERNOR	22
18. SPEED CONTROL PLATE	23
19. INJECTORS	24
20. FUEL PUMP	25
21. FUEL PUMP ASSEMBLY	26
22. PULLEY	27
23. FAN	28
24. STARTER	29
25. PLUG	31
26. THERMOSTAT / COOLANT BOTTLE	32
27. WATER PUMP	33
28. VALVES AND ROCKER ARMS	34
29. INTAKE MANIFOLD	35
30. EXHAUST MANIFOLD	36
31. ACCESSORIES AND SERVICE PARTS	37
32. GASKET KIT (Prior to S/N 9J0001)	38
PART NUMBER INDEX	Index-1

1. CRANKCASE



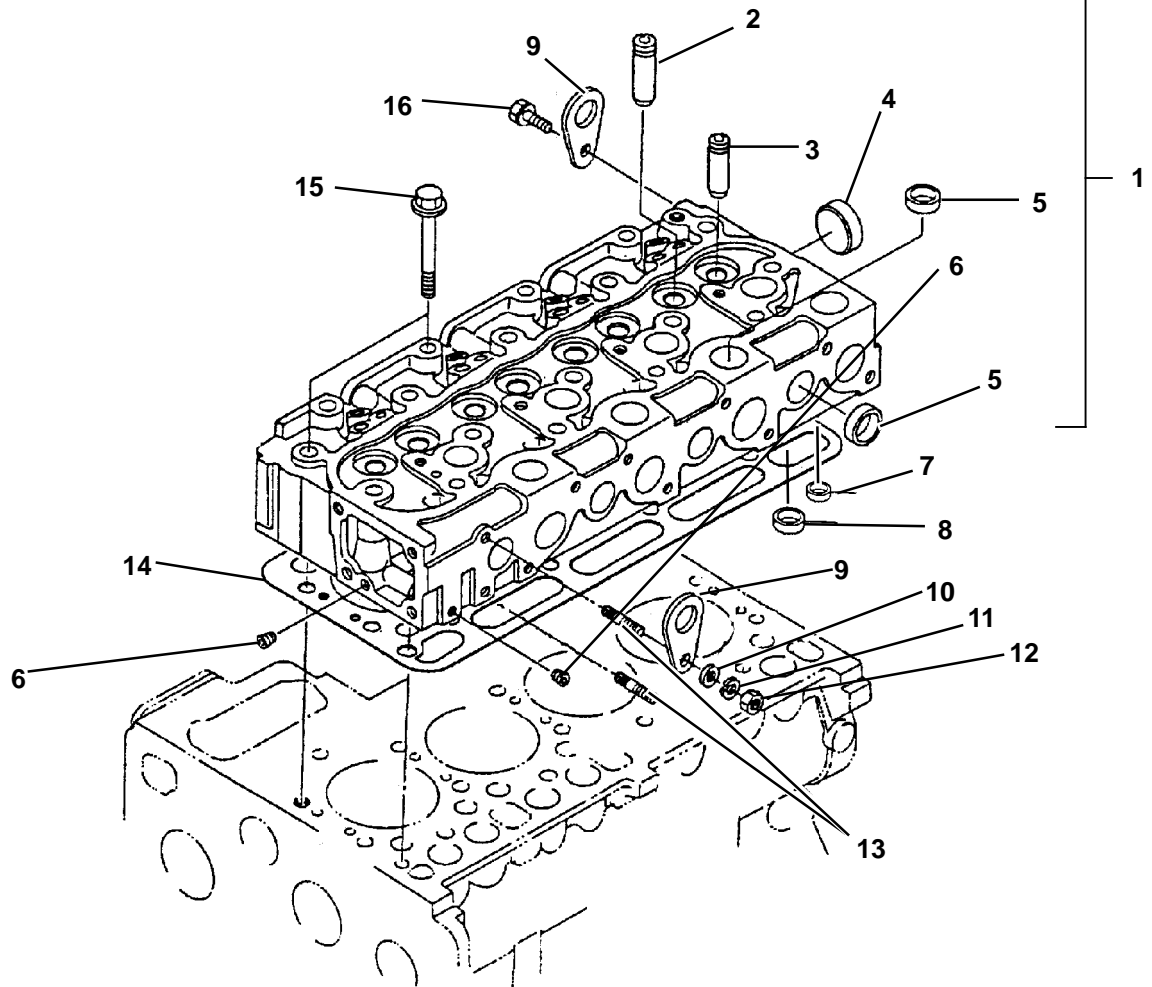
Item	Part Number	Description	Qty
1	25-39426-00	CrankCase, Assembly - Includes:	1
2	25-37695-00	Pin, Straight	2
3	25-37035-00	Pin, Straight	3
4	25-35031-00	Pin, Pipe	1
5	25-37026-00	Plug	5
6	25-37033-00	Cap, Sealing	2
7	25-15004-00	Cap, Sealing	1
8	25-37028-00	Plug	2
9	25-37032-00	Cap, Sealing	6
10	25-37036-00	Pin, Straight	1
11	25-39015-00	Cap, Sealing	3
12	25-37034-00	Pin, Straight	2
13	25-39358-00	Plug	1
14	25-35136-05	Gasket, Copper O-Ring	1
15	25-39360-00	Plug	1
16	25-39361-00	Gasket	1
17	25-39362-00	Adapter, Drain Cock	1
18	25-15009-00	Plug, Oil Gauge	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	25-39430-00	Bolt	20
5	25-39431-00	Bolt, M10	8
6	25-34032-00SV	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	25-39432-00	Bolt, Metric, M10	16

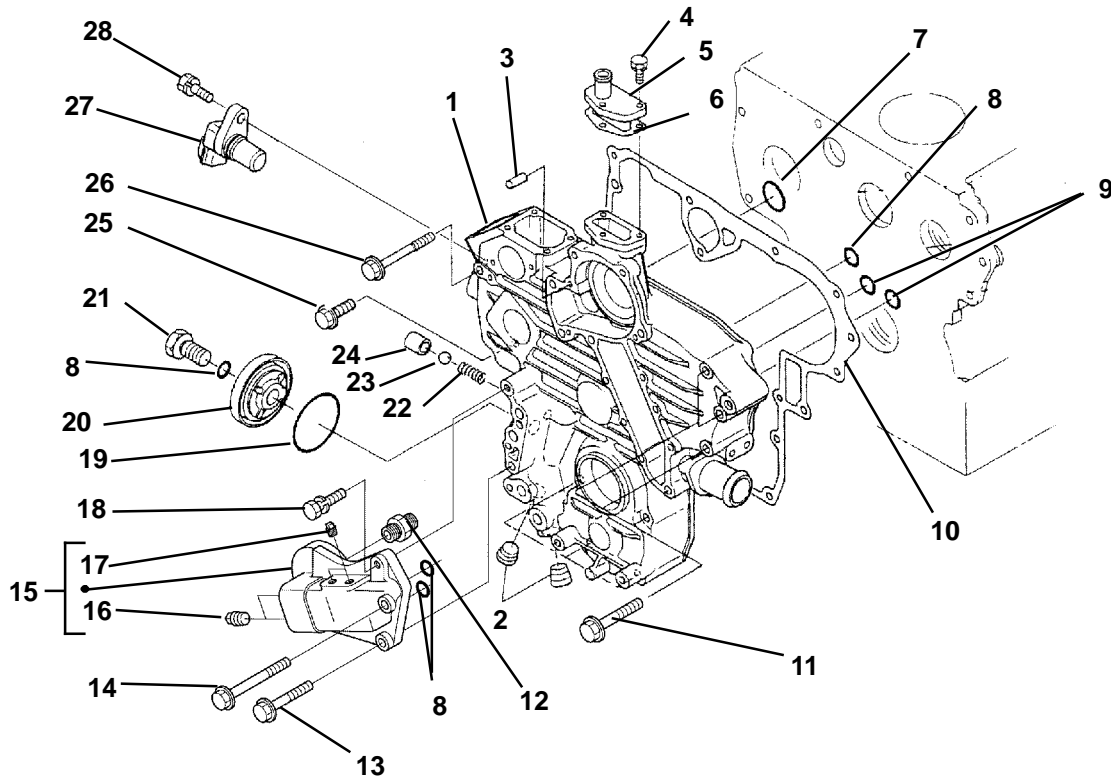
3. CYLINDER HEAD



Item	Part Number	Description	Qty
1	25-39433-00	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	25-39434-00	Gasket, Cylinder Head (1.25MM Thick)	1
15	25-38528-00	Bolt, Cylinder Head	18
16	944030	Bolt	1

4. GEAR CASE

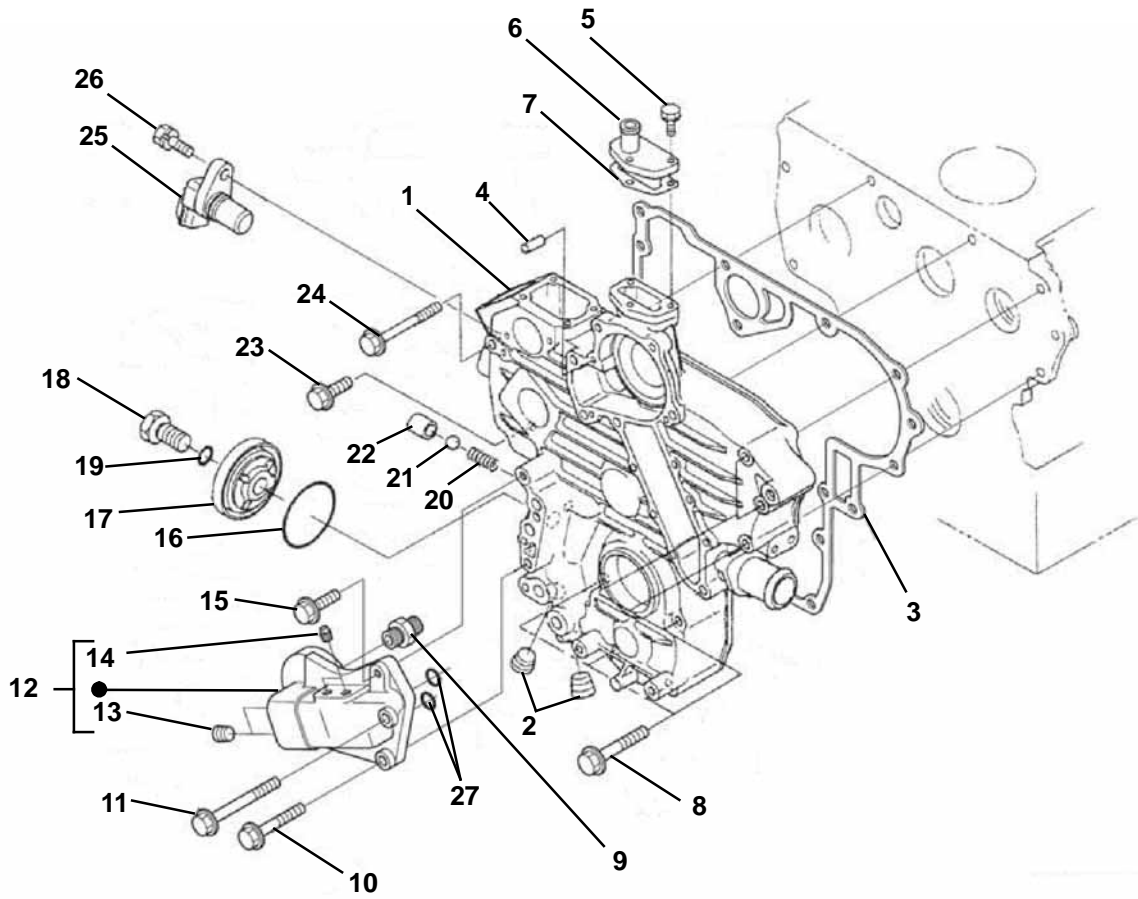
4.a. Gear Case - Prior to S/N 9J0001



4.a. Gear Case - Prior to S/N 9J0001

Item	Part Number	Description	Qty
1	25-39435-00	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	25-15538-00	Base, Oil Filter - Includes:	1
16	29-70163-00	Plug	2
17	25-39436-00	Plug	2
18	25-39437-00	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

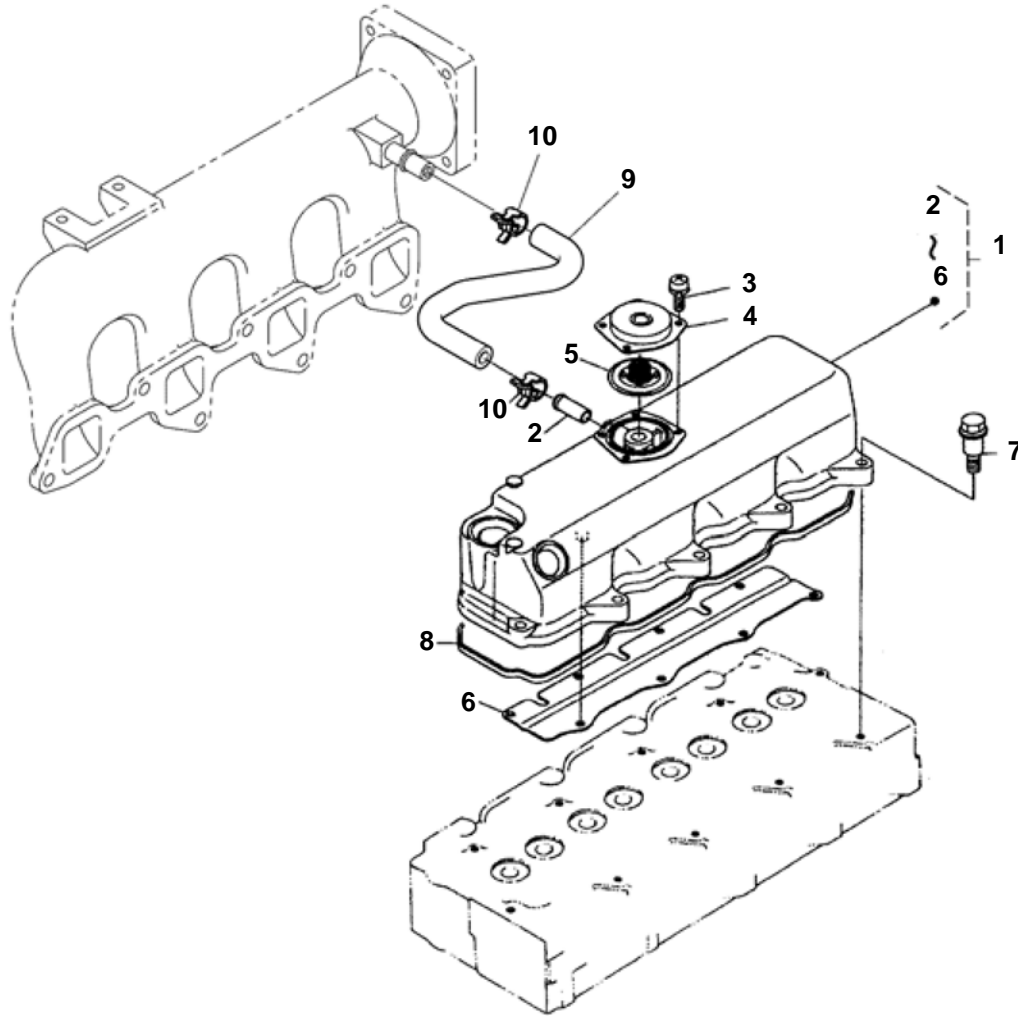
4.b. Gear Case - Starting With S/N 9J0001



4.b. Gear Case - Starting With S/N 9J0001

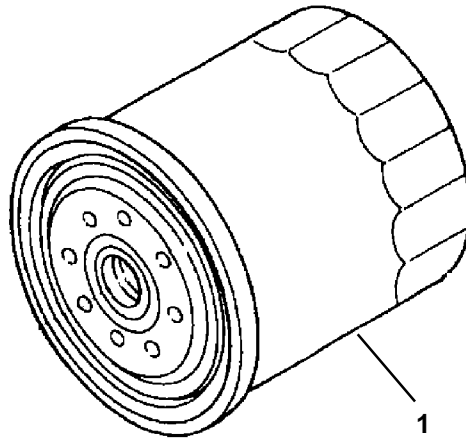
Item	Part Number	Description	Qty
1	25-39560-00SV	Gear Case Cover, Assembly - Includes:	1
2	29-70163-00	Plug	3
3	25-39561-00	Gasket	1
4	25-37695-00	Pin, Straight	2
5	25-35704-00	Bolt	3
6	25-37155-00	Flange, Water Return	1
7	25-37156-00	Gasket, Return Flange	1
8	25-15535-00	Bolt, Flange	7
9	25-39321-00	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	25-39437-00	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



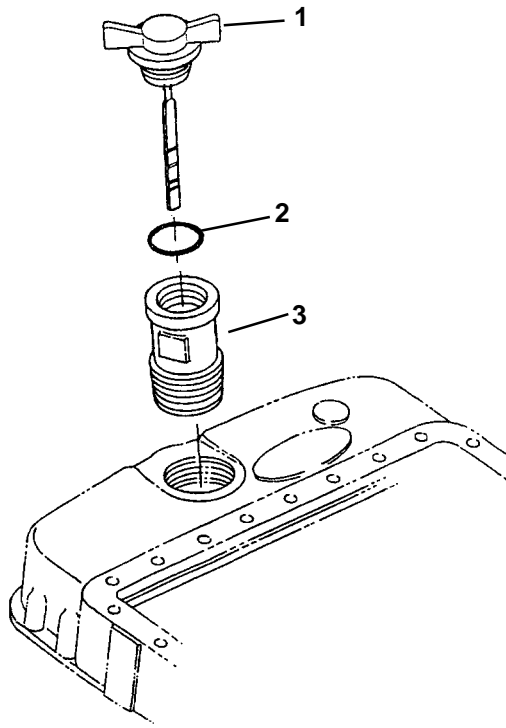
Item	Part Number	Description	Qty
1	25-38769-00	Cover, Cylinder Head - Includes:	1
2	25-38727-00	Pipe, Water Return	1
3	25-36197-00	Screw, With Washer	4
4	25-38719-00	Cover, Breather	1
5	25-38720-00	Valve, Breather	1
6	25-38712-00	Shield, Breather	1
7	25-38714-00	Bolt	10
8	25-38713-00	Gasket, Valve Cover	1
9	25-39438-00	Tube, Breather	1
10	44-00045-01	Clamp	2

6. OIL FILTER



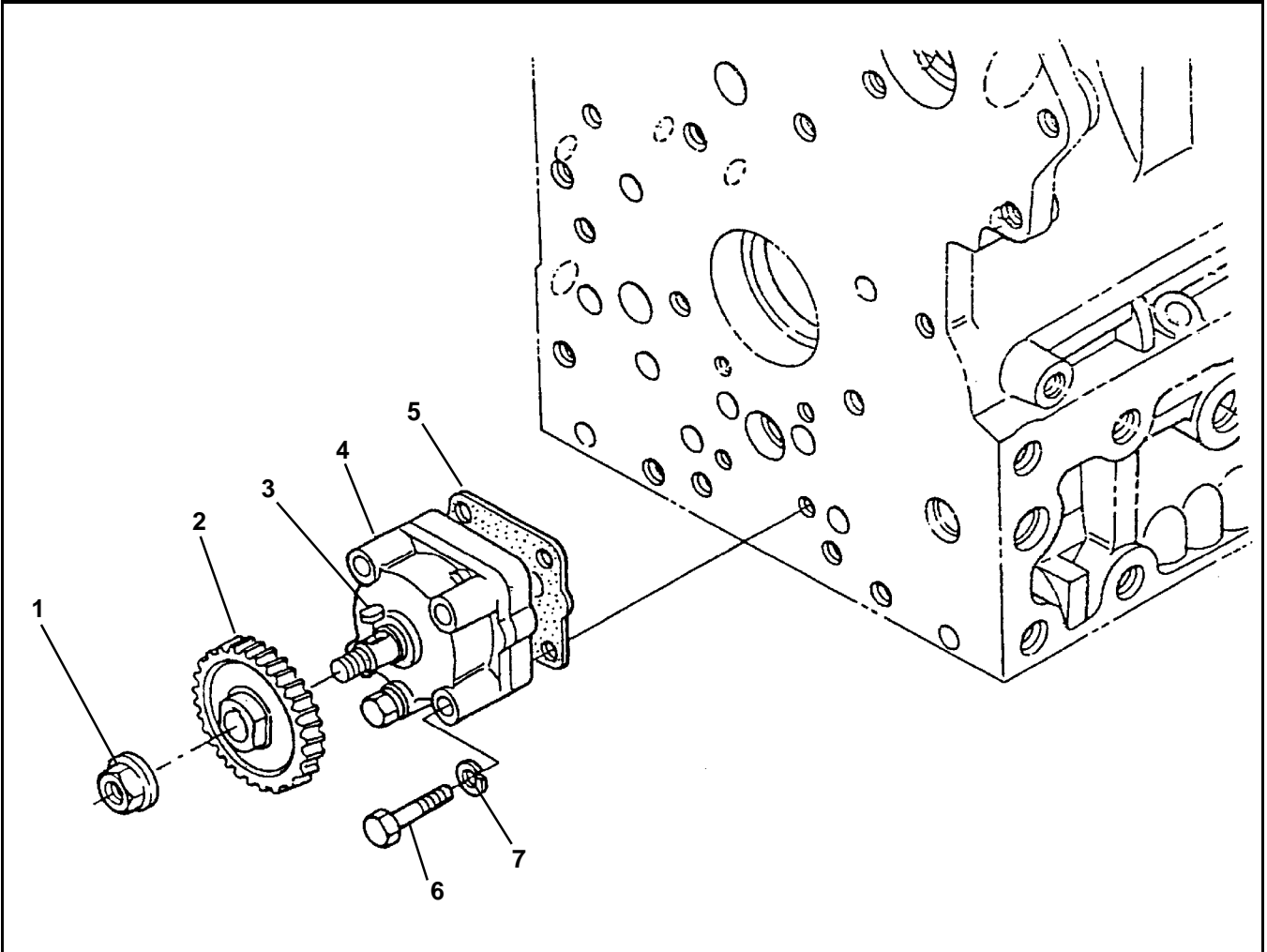
Item	Part Number	Description	Qty
1	30-00463-00	Cartridge, Oil Filter (ESI)	1

7. DIPSTICK



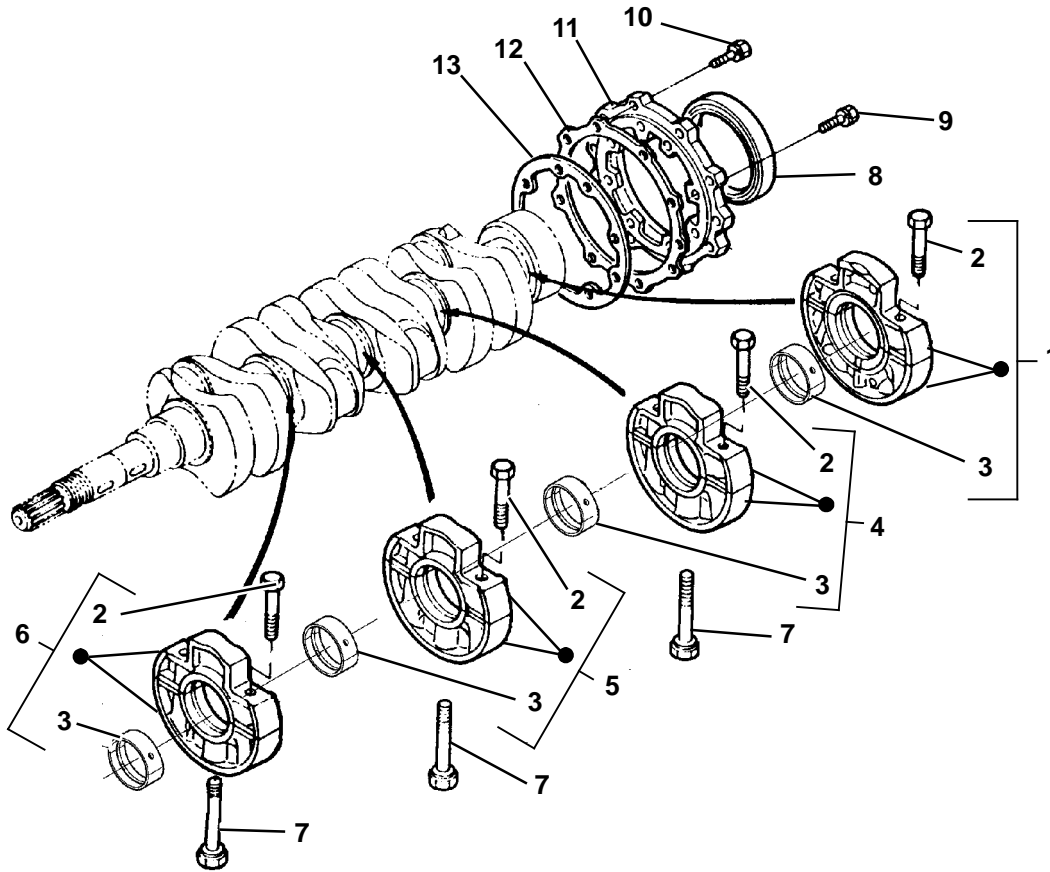
Item	Part Number	Description	Qty
1	25-15070-00	Dipstick / Fill Cap	1
2	25-37310-00	O-Ring	1
3	25-15071-00	Tube, Oil Fill	1

8. OIL PUMP



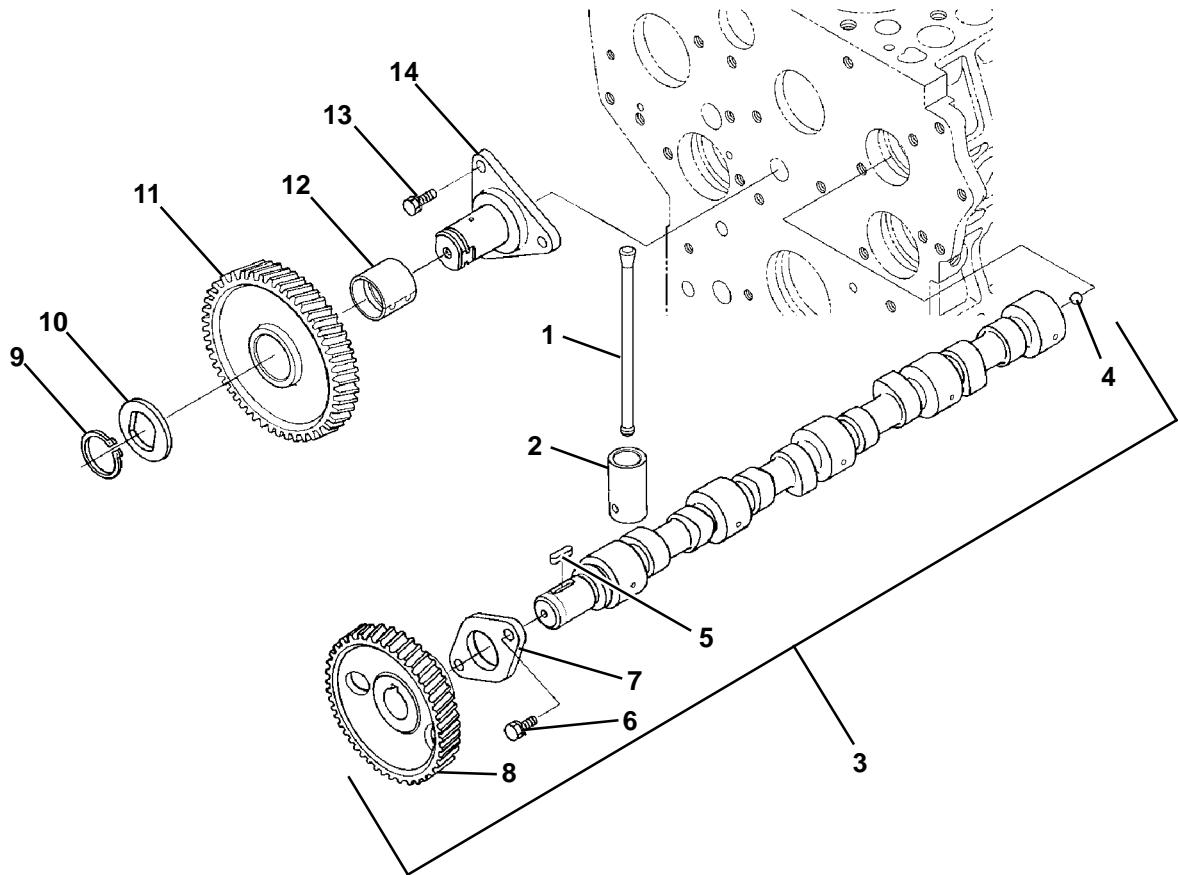
Item	Part Number	Description	Qty
1	25-37045-00	Nut, Flange	1
2	25-37043-00	Gear, Oil Pump Drive	1
3	25-37044-00	Key, Feather	1
4	25-37040-00	Pump, Oil	1
5	25-37041-00	Gasket, Oil Pump	1
6	25-37042-00	Bolt	4
7	25-35692-00	Washer, Spring, M6	4

9. MAIN BEARING CASE



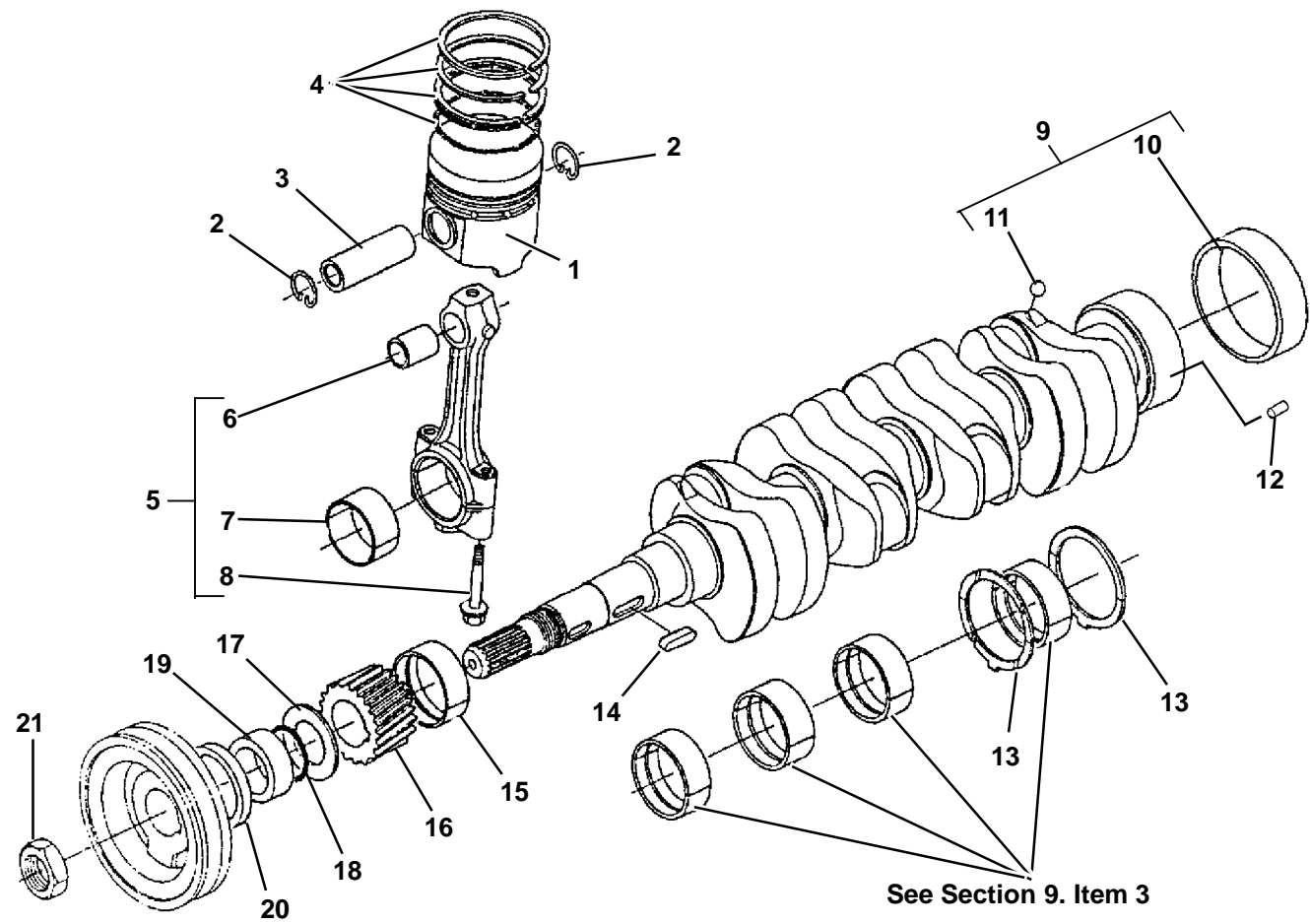
Item	Part Number	Description	Qty
1	25-39371-00	Case, Main Bearing, #4 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
3	25-39378-00	Bearing, Main STD (Single Pack)	4
4	25-39375-00	Case, Main Bearing, #3 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
3	25-39378-00	Bearing, Main STD (Single Pack)	4
5	25-39374-00	Case, Main Bearing, #2 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
3	25-39378-00	Bearing, Main STD (Single Pack)	4
6	25-39373-00	Case, Main Bearing, #1 - Includes:	1
2	25-39372-00	Bolt, Main Bearing Case	2
3	25-39378-00	Bearing, Main STD (Single Pack)	4
7	25-37191-01	Bolt, Bearing Case	3
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
3	25-39378-00	Bearing, Main STD (Single Pack)	4
	25-39379-00	Bearing, Main 0.2MM (Single Pack)	
	25-39380-00	Bearing, Main 0.4MM (Single Pack)	

10. CAMSHAFT AND IDLE GEAR SHAFT



Item	Part Number	Description	Qty
1	25-39439-00	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	25-35680-00	Bolt	2
7	25-39383-00	Thrust Plate, Camshaft	1
8	25-37352-00	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

11. PISTON AND CRANKSHAFT

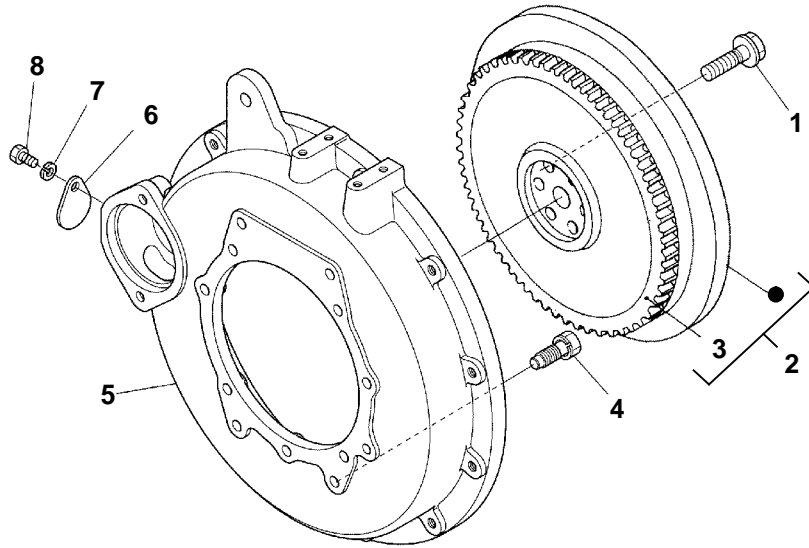


11. PISTON AND CRANKSHAFT

Item	Part Number	Description	Qty
1	25-39440-00SV	Piston, STD - Includes:	4
	25-39441-00SV	Piston, (+0.25MM) - Includes:	
2	25-39416-00	Cir-Clip, Piston Pin	8
3	25-38118-00	Pin, Piston	4
4	25-39442-00	Ring Set, STD	4
	25-39443-00	Ring Set, (+0.25MM)	
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)	
	25-38122-02	Bearing, Rod (+0.4MM)	
8	25-37384-13	Bolt, Connecting Rod	8
9	25-39444-00	Crankshaft, Prior to S/N 8A0001 - Includes:	1
10	25-37385-02	Wear Sleeve, Crankshaft Rear	1
11	25-34169-00	Ball	4
9	25-39534-00SV	Crankshaft, Starting With S/N 8A0001 - Includes:	1
10	25-37385-02	Wear Sleeve, Crankshaft Rear	1
11	25-34169-00	Ball	4
12	25-39535-00	Pin, Alignment	1
13	25-39403-00	Thrust washer, Kit STD	1
	25-39404-00	Thrust washer, Kit (0.2MM)	
	25-39405-00	Thrust washer, Kit (0.4MM)	
14	25-39446-00	Key Feather	1
15	25-39400-00	Bearing #1 Front Main STD	1
	25-39401-00	Bearing #1 Front Main (-0.2MM)	
	25-39402-00	Bearing #1 Front Main (-0.4MM)	
16	25-39445-00	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

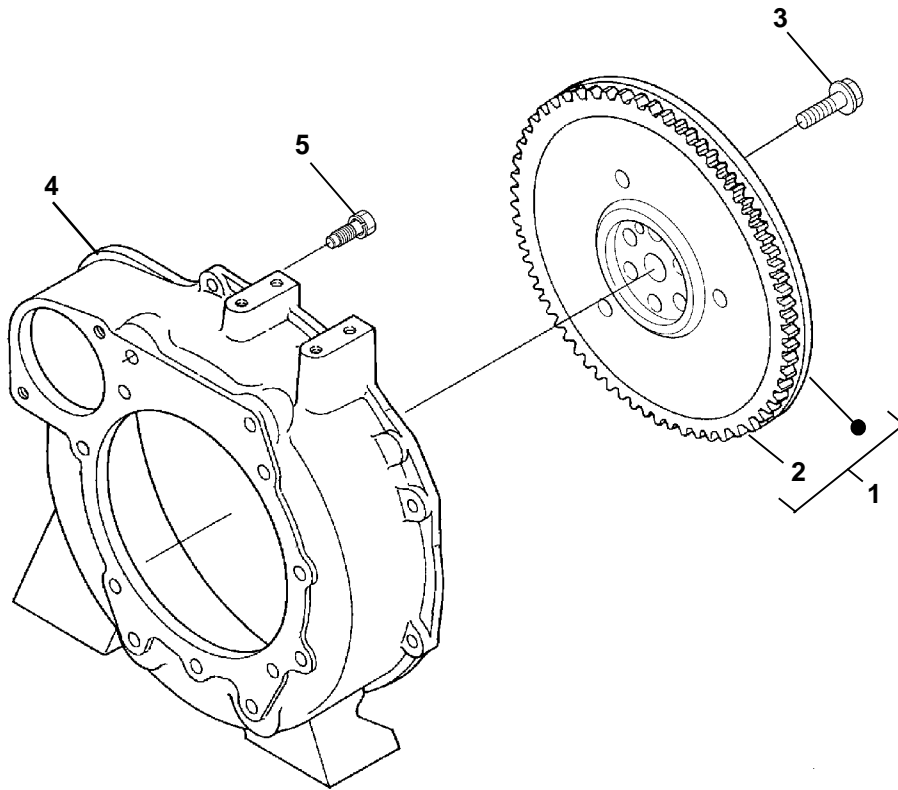
12. FLYWHEEL

12.a. Flywheel - Engines 26-00128-00, -01, -02, -04, -05, -06, -07, -08, -10, -11, -12, -13, -14, -16, -17, -18, -19, -20, -22, -23, -24, -25, -26, -28, -29, -30, -31, -32, -33, -34, -36, -37



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	25-39447-00	Flywheel Assembly, Prior to S/N 8A0001 - Includes:	1
	25-39532-00	Flywheel Assembly, Starting With S/N 8A0001 - Includes:	
3	25-37420-12	Gear, Ring (Flywheel)	1
4	25-39001-00	Bolt	11
5	25-39448-00	Housing, Flywheel	1
6	25-39000-00	Cover	1
7	25-35687-00	Washer, Spring	1
8	25-37425-00	Bolt	1

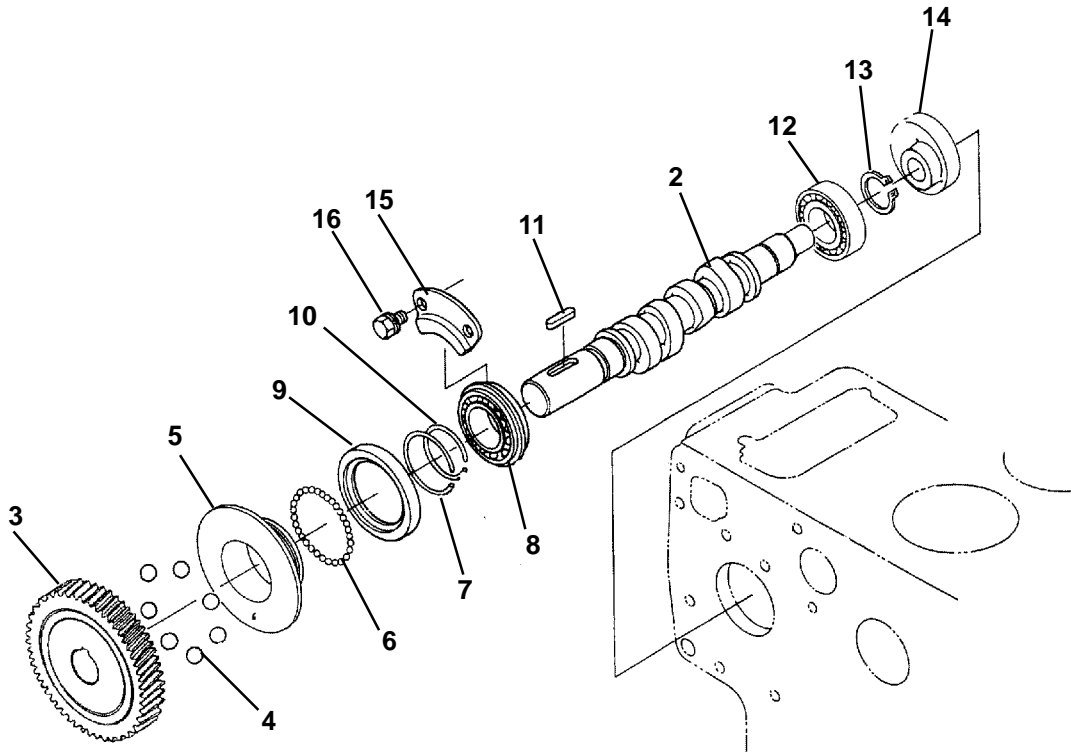
12.b. Flywheel - Engines 26-00128-03, -09, -15, -21, -27, -35 (Vector 6500/6600 Units)



Item	Part Number	Description	Qty
1	25-39563-00	Flywheel	1
2	25-39125-00	Gear, Ring (Flywheel)	1
3	25-39533-00	Bolt, Flywheel	6
4	25-15280-00	Housing, Flywheel	1
5	25-39001-00	Bolt, Flywheel Housing	11

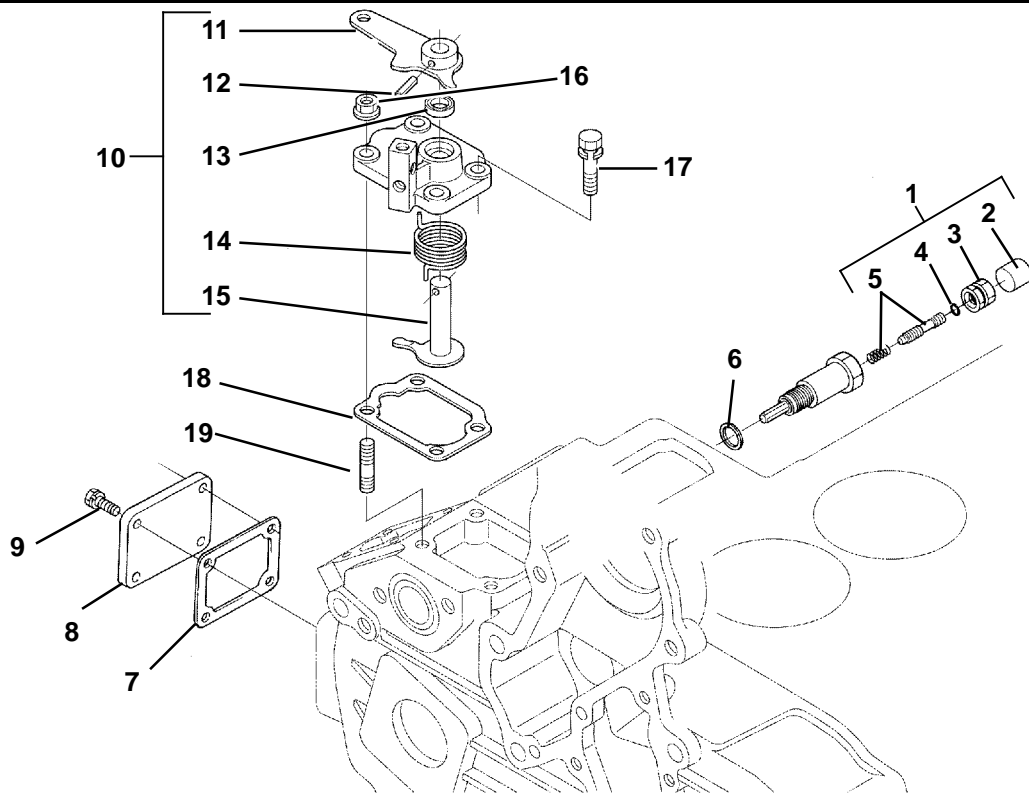
13. FUEL CAMSHAFT

1: Includes Items 2 Thru 14



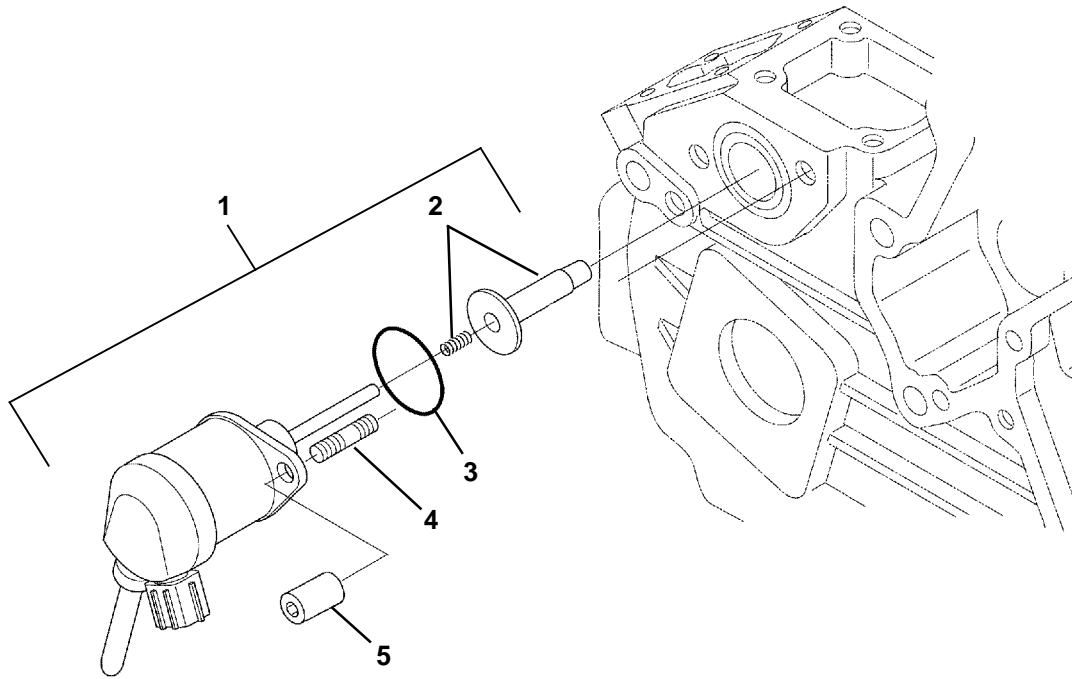
Item	Part Number	Description	Qty
1	25-39449-00	Camshaft, Fuel Injection Pump - Includes:	1
2	NSS	Camshaft	1
3	25-39450-00	Gear, Injection Pump	1
4	25-39365-00	Ball	7
5	25-38165-00	Sleeve, Governor	1
6	25-35389-00	Ball	39
7	25-37436-00	Cir-Clip	1
8	25-39451-00	Bearing, Ball	1
9	25-39364-00	Case, Governor Ball	1
10	25-37436-00	Cir-Clip, Sleeve	1
11	25-37433-00	Key, Feather	1
12	25-39452-00	Bearing	1
13	25-37447-00	Cir-Clip, External	1
14	25-38661-00	Camshaft, Feed Pump	1
15	25-39453-00	Stopper, Fuel Camshaft	1
16	944030	Bolt	2

14. ENGINE STOP LEVER



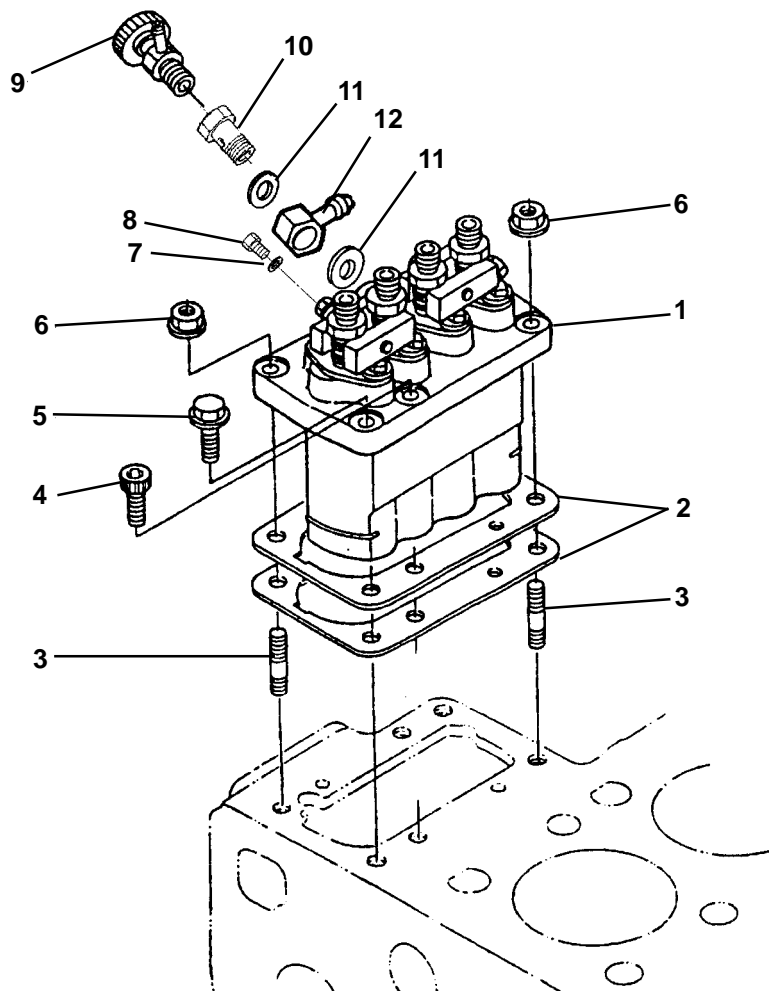
Item	Part Number	Description	Qty
1	25-39367-00	Idling Apparatus - Includes:	1
2	25-39264-00	Cap	1
3	25-39262-00	Nut, Spring	1
4	25-39266-00	O-Ring	1
5	25-39257-00	Bolt, Adjusting	1
6	25-39267-00	Gasket	1
7	25-37537-00	Gasket, Pump Cover	1
8	25-15546-00	Cover, Injection Pump	1
9	25-36710-00	Bolt	4
10	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



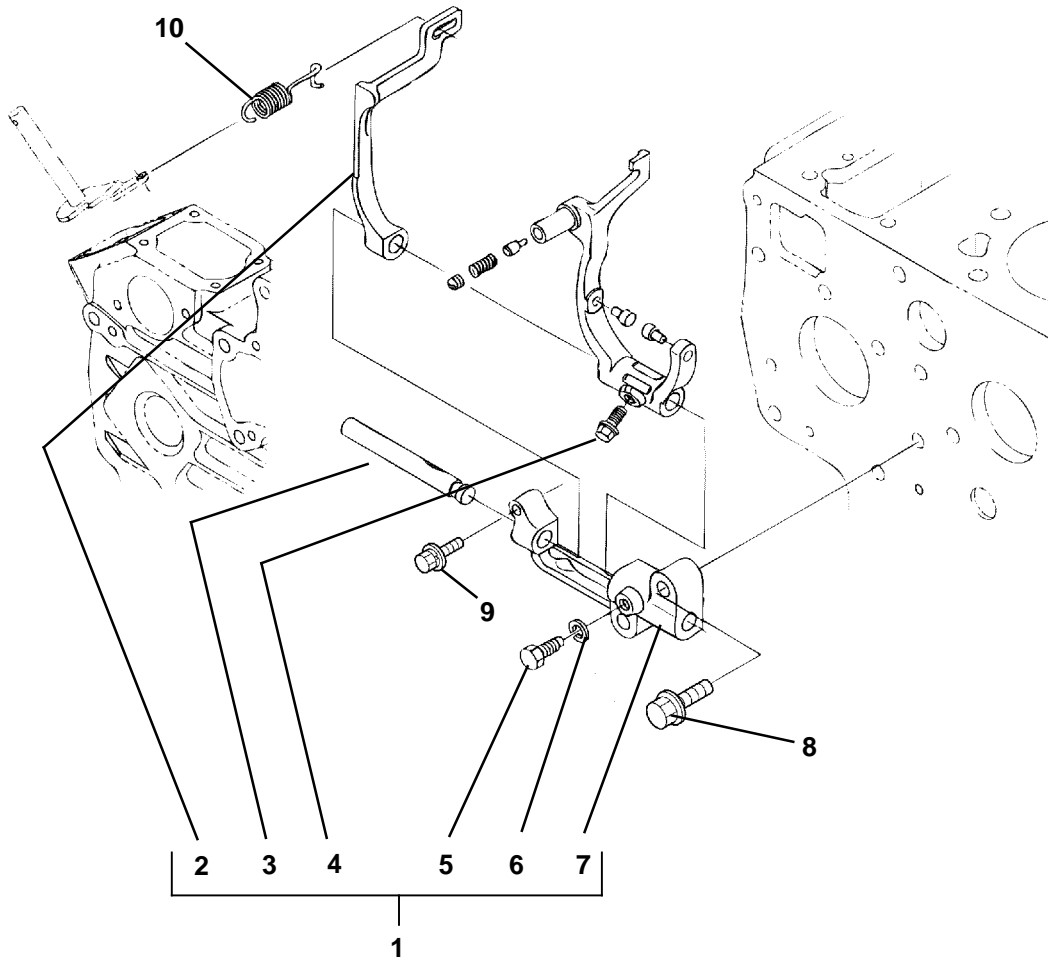
Item	Part Number	Description	Qty
1	25-38773-00	Solenoid Assembly - Includes:	1
2	25-38772-00	Guide, Solenoid	1
3	25-15547-00	O-Ring	1
4	25-37672-00	Stud	2
5	25-15548-00	Nut	2

16. INJECTION PUMP



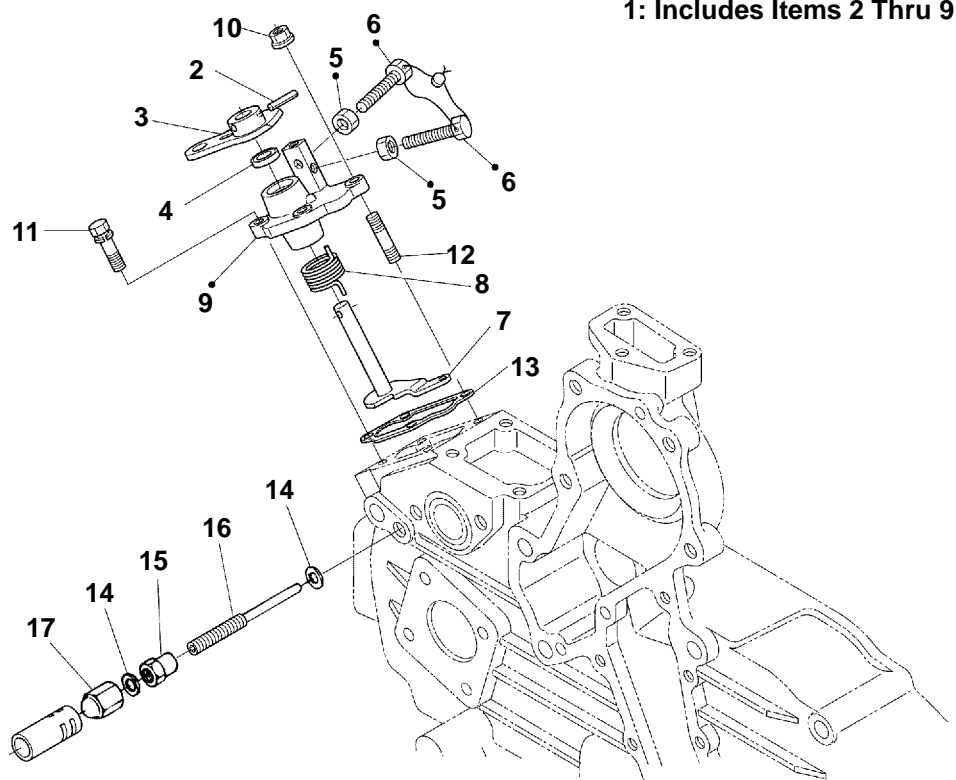
Item	Part Number	Description	Qty
1	25-39352-00	Injection Pump Assembly	1
2	25-15576-00	Shim (0.175MM)	A/R
	25-39390-00	Shim (0.200MM)	
	25-39391-00	Shim (0.250MM)	
	25-39392-00	Shim (0.300MM)	
	25-39393-00	Shim (0.350MM)	
3	25-37237-00	Stud	2
4	25-39097-00	Bolt, Hex-Socket	1
5	25-39093-00	Bolt, Flange	3
6	25-39095-00	Nut, Flange	2
7	25-36643-00	Gasket	2
8	25-36619-00	Screw, Air Bleed	2
9	25-37593-00	Valve, Fuel Bleed	1
10	25-36618-00	Bolt, Banjo	1
11	25-36641-00	Gasket	2
12	25-35485-00	Fitting, Banjo	1

17. GOVERNOR



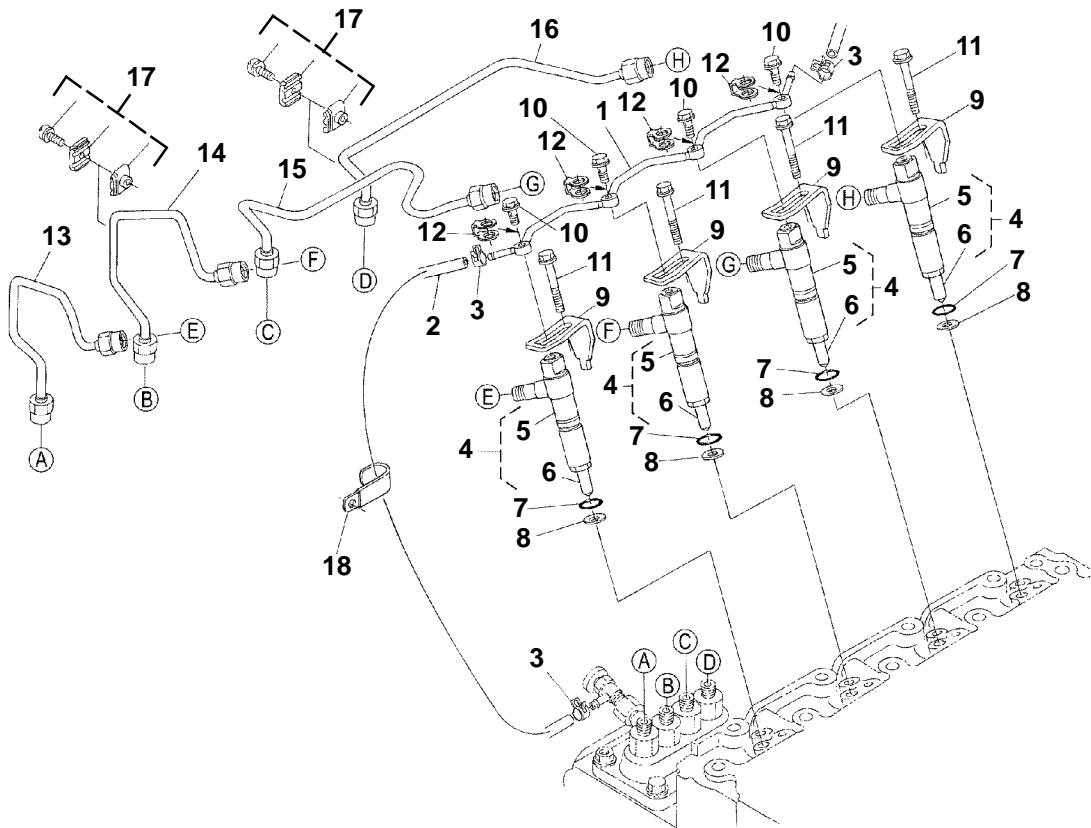
Item	Part Number	Description	Qty
1	25-39454-00	Lever Assembly, Fork - Includes:	1
2	25-15550-00	Lever, Fork	1
3	25-39272-00	Shaft, Fork Lever	1
4	25-39273-00	Bolt, Flange	1
5	25-35354-00	Bolt	1
6	25-35692-00	Washer, Flange	1
7	25-39274-00	Holder, Fork Lever	1
8	25-39394-00	Bolt, Flange	2
9	25-39395-00	Bolt	1
10	25-39455-00	Spring, Governor	1

18. SPEED CONTROL PLATE



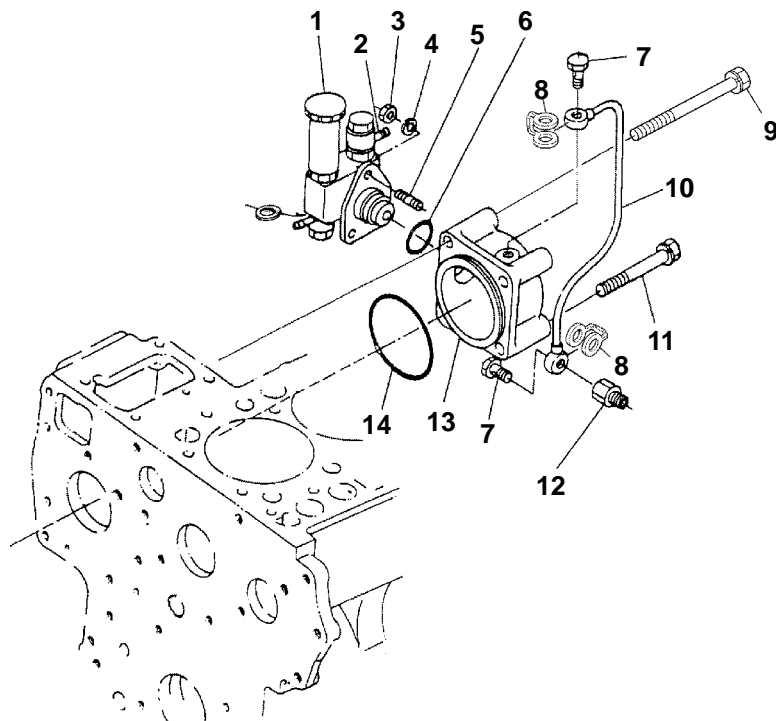
Item	Part Number	Description	Qty
1	25-15552-00	Plate Assembly, Control - Includes:	1
2	25-37536-00	Pin, Spring	1
3	25-15554-00	Lever, Speed Control	1
4	25-15543-00	Seal, Oil	1
5	NSS	Nut	2
6	NSS	Bolt, Idling Adjust	1
7	25-15553-00	Lever, Governor	1
8	25-15544-00	Spring, Return	1
9	NSS	Plate, Control	1
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



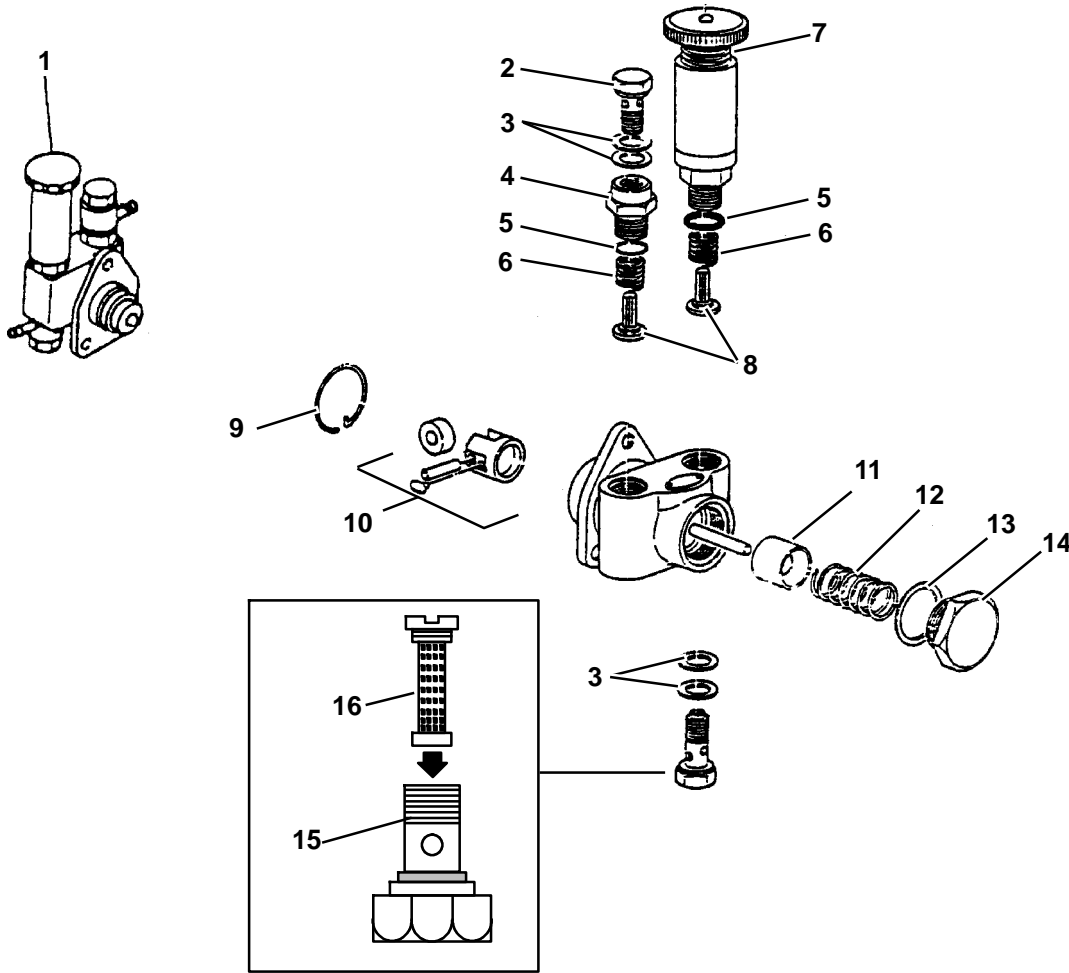
Item	Part Number	Description	Qty
1	25-39222-00	Pipe Assembly, Over Flow	1
2	58-00659-00	Pipe, Fuel Over Flow	A/R
3	44-00045-25	Clamp, Hose	3
4	25-39491-00	Injector Assembly, Engines 26-00128-00, -01, -03, -04, -05, -06, -07, -09, -10, -11, -12, -13, -15, -16, -17, -18, -19, -21, -22, -23, -24, -25, -27, -28, -29, -30, -31, -32, -33, -35, -36, -37	4
	25-39456-00	Injector Assembly, Engines 26-00128-02, -08, -14, -20, -26, -34	
5	NSS	Body, Injector	4
6	NSS	Nozzle, Injector	4
7	25-37142-00	O-Ring	4
8	25-15395-00	Gasket	4
9	25-39229-00	Clamp, Nozzle	4
10	25-15394-00	Bolt, Eye	4
11	25-39397-00	Bolt, Flange	4
12	25-39399-00	Gasket, Leak Off Line	4
13	25-39458-00	Pipe, Injection Cylinder #4	1
14	25-39459-00	Pipe, Injection Cylinder #3	1
15	25-39460-00	Pipe, Injection Cylinder #2	1
16	25-39461-00	Pipe, Injection Cylinder #1	1
17	25-38140-00	Clamp, Kit Injector Line	A/R
18	P/L	Clamp, Cord	1

20. FUEL PUMP



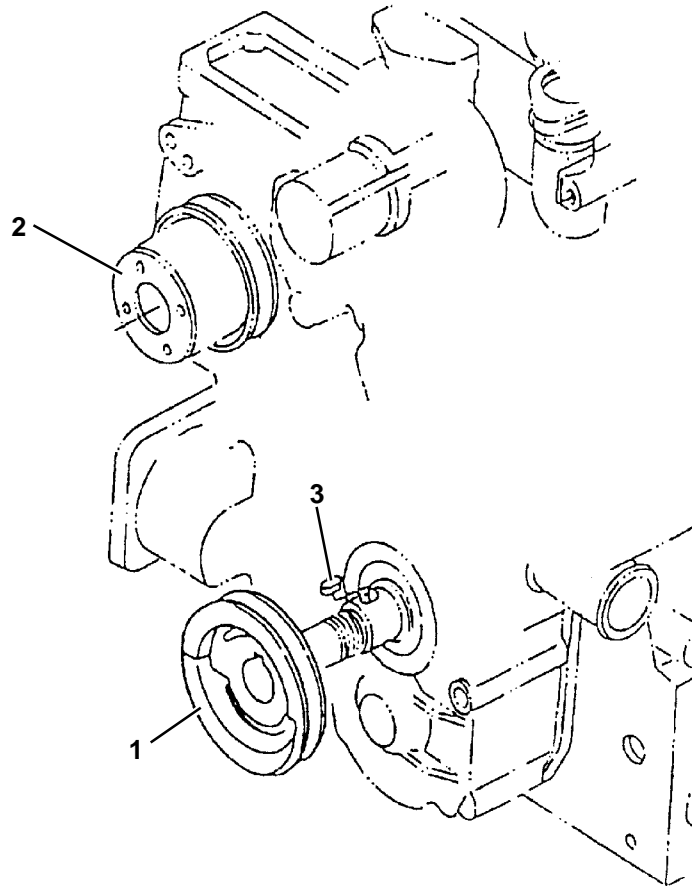
Item	Part Number	Description	Qty
1	25-38666-00	Pump Assembly, Fuel Lift	1
2	25-37594-00	Banjo, Fitting	2
3	25-35684-00	Nut, M6	3
4	25-35692-00	Washer, Spring, M6	3
5	25-36715-00	Stud	3
6	25-38667-00	O-Ring	1
7	25-38670-00	Bolt, Banjo	2
8	25-35136-05	Gasket, Copper O-Ring	4
9	25-38668-00	Bolt	2
10	25-38665-00	Pipe, Oil Feed Lift Pump	1
11	25-37449-00	Bolt	2
12	25-38669-00	Fitting	1
13	25-38663-00	Holder, Fuel Lift Pump	1
14	25-38664-00	O-Ring	1

21. FUEL PUMP ASSEMBLY



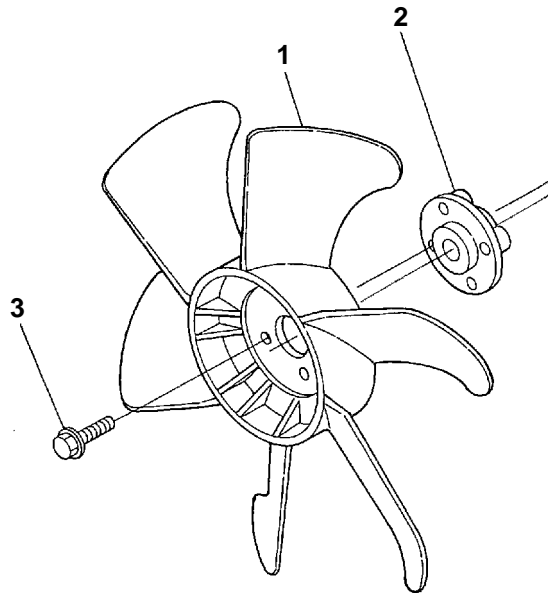
Item	Part Number	Description	Qty
1	25-38666-00	Pump Assembly, Fuel Lift - Includes:	1
2	25-38666-14	Bolt, Banjo	1
3	25-38666-13	Gasket, Copper O-Ring	4
4	25-38666-08	Adapter	1
5	25-38666-09	O-Ring	2
6	25-38666-07	Spring, Pump Valve	2
7	25-38666-11	Pump, Hand Priming	1
8	29-50052-50	Valve, Fuel Pump	2
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
V-Groove System			
Engines: 26-00128-00, -02, -05, -06, -08, -09, -11, -12, -14, -15, -17, -18, -20, -21, -23, -24, -26, -27, -29, -32, -34, -35, -37			
1	25-15564-00	Pulley, Crankshaft, V-Groove, 4.92" Diameter	1
2	25-37580-07	Pulley, Water Pump, V-Groove, 4.2" Diameter	1
3	25-37700-00	Key, Feather	1
Poly-V Groove System			
Engines: 26-00128-01, -04, -07, -10, -13, -16, -19, -22, -25, -28, -30, -31, -33, -36			
1	25-39482-00	Pulley, Crankshaft, Poly-V Groove, 5.68" Diameter	1
2	25-15289-00	Pulley, Water Pump, Poly-V Groove, 4.53" Diameter	1
3	25-37700-00	Key, Feather	1

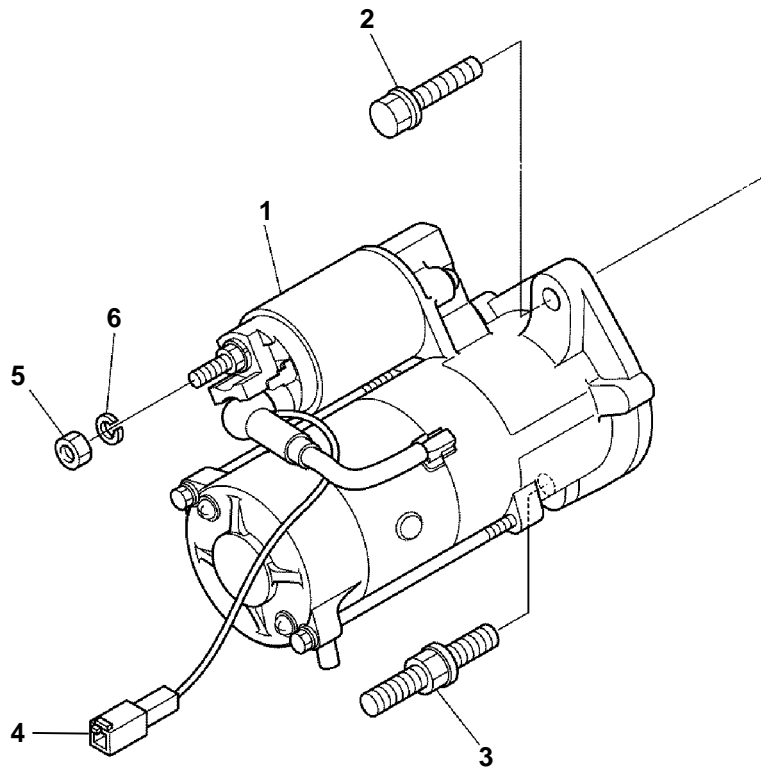
23. FAN



Item	Part Number	Description	Qty
1	25-39320-00	Fan, RG - Engines 26-00128-01, -07, -13, -19, -25, -30, -33	1
	38-00525-00	Fan, UG - Engines 26-00128-04, -10, -16, -22, -28, -31, -36	
2	25-39226-00	Spacer, UG - Engines 26-00128-04, -10, -16, -22	1
3	25-39227-00	Bolt, M6 x 30MM - Used In Conjunction With Item 2	1
	25-39480-00	Bolt - Required When Item 2 Is Not Used	

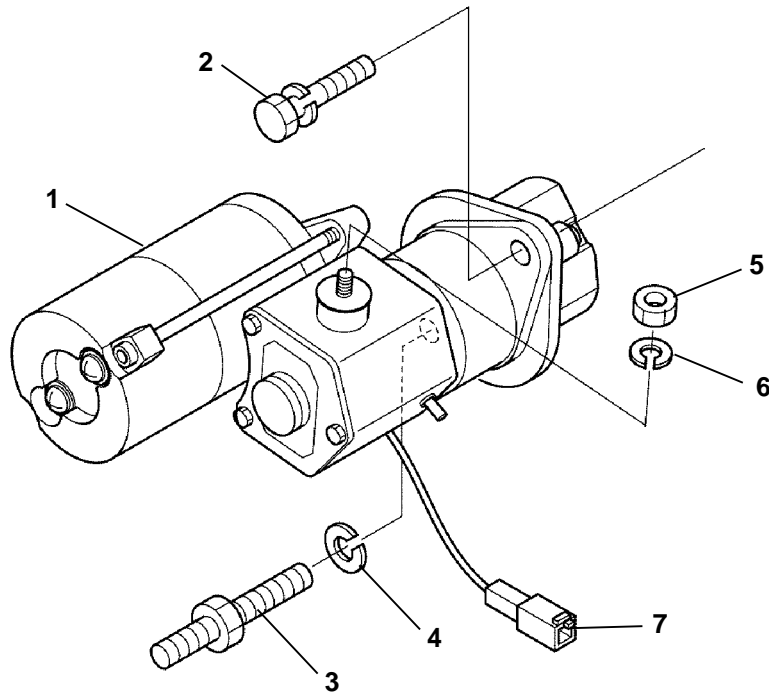
24. STARTER

24.a. Starter - Engines 26-00128-00, -01, -02, -04, -05, -06, -07, -08, -10, -11, -12, -13, -14, -16, -17, -18, -19, -20, -22, -23, -24, -25, -26, -28, -29, -30, -31, -32, -33, -34, -36, -37



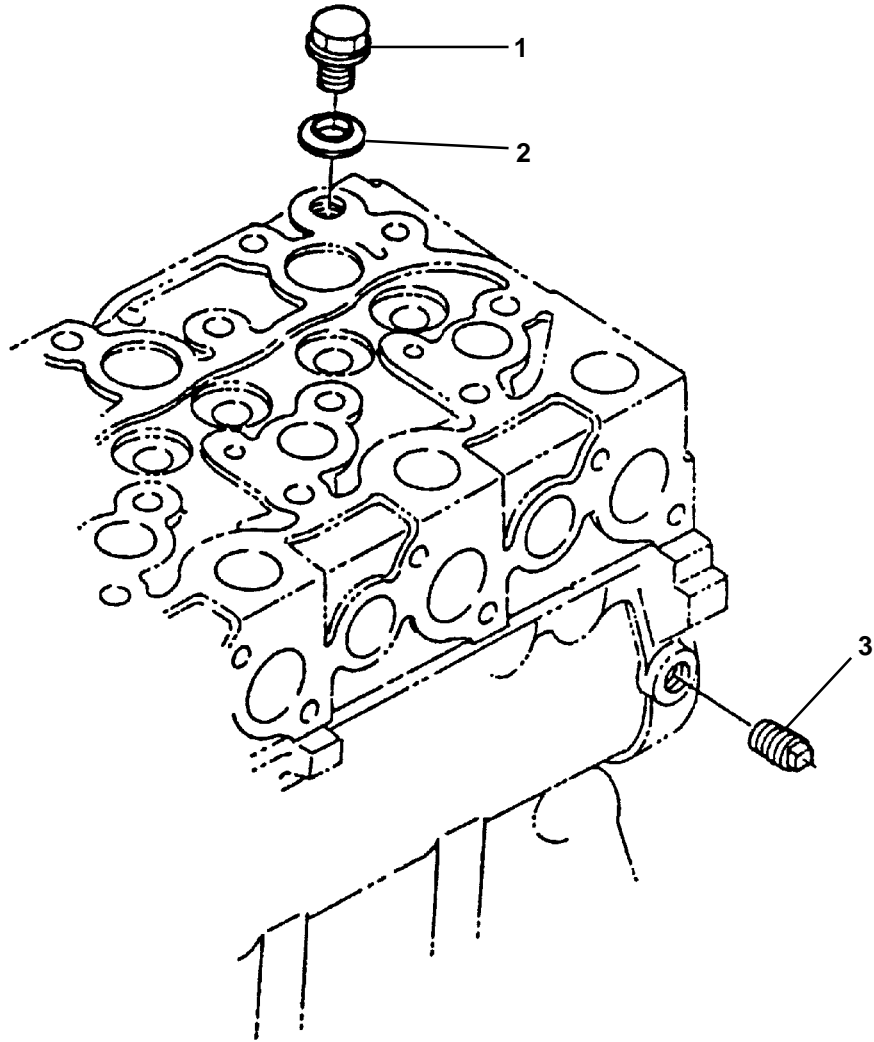
Item	Part Number	Description	Qty
1	25-39476-00	Starter Assembly	1
2	25-39463-00	Bolt	1
3	25-39464-00	Stud	1
4	25-39465-00	Cord, Solenoid	1
5	25-37680-00	Nut, M8	1
6	25-35687-00	Washer, Spring	1

24.b. Starter - Engines 26-00128-03, -09, -15, -21, -27, -35 (Vector 6500/6600 Units)



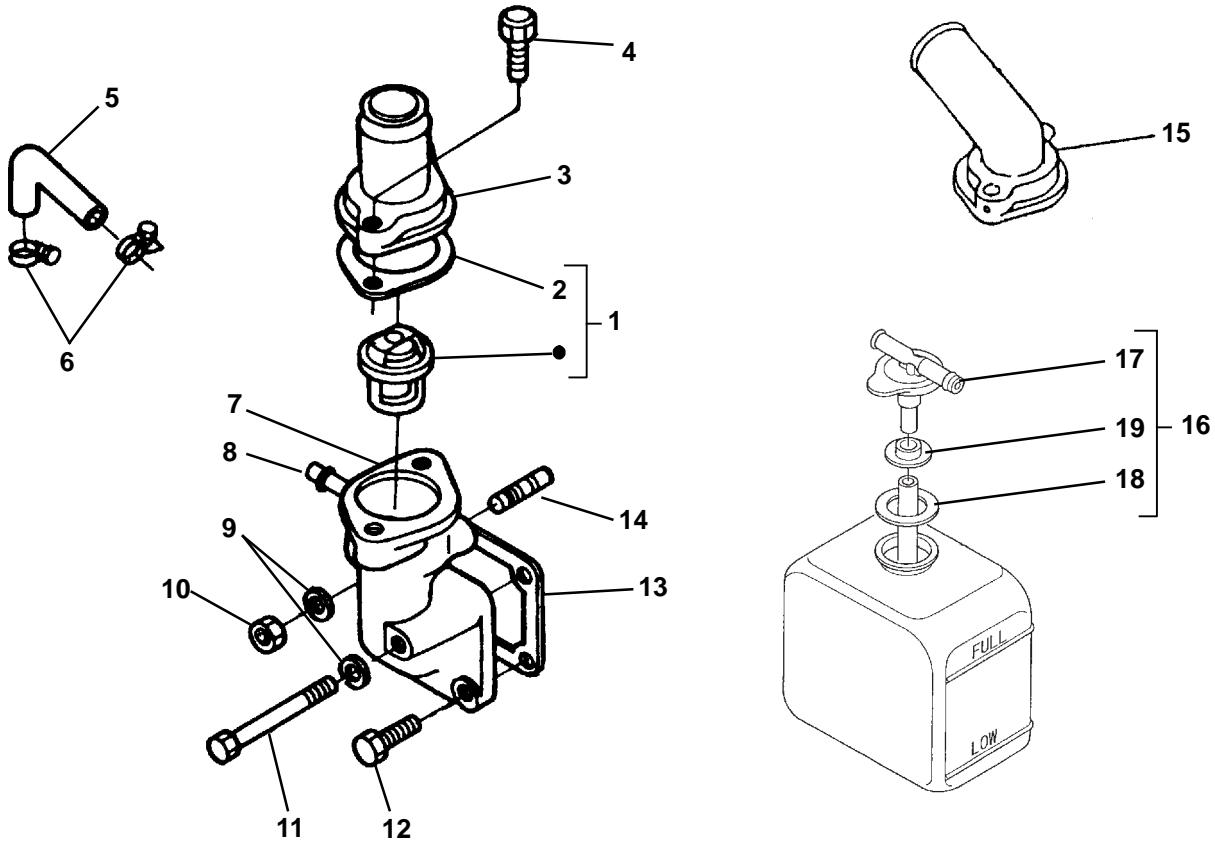
Item	Part Number	Description	Qty
1	25-39587-00	Starter Assembly	1
2	25-37663-00	Bolt	1
3	25-38767-00	Stud	1
4	25-35690-00	Washer, Spring	1
5	25-37680-00	Nut, M8	1
6	25-35687-00	Washer, Spring	1
7	25-39135-03	Cord, Solenoid	1

25. PLUG



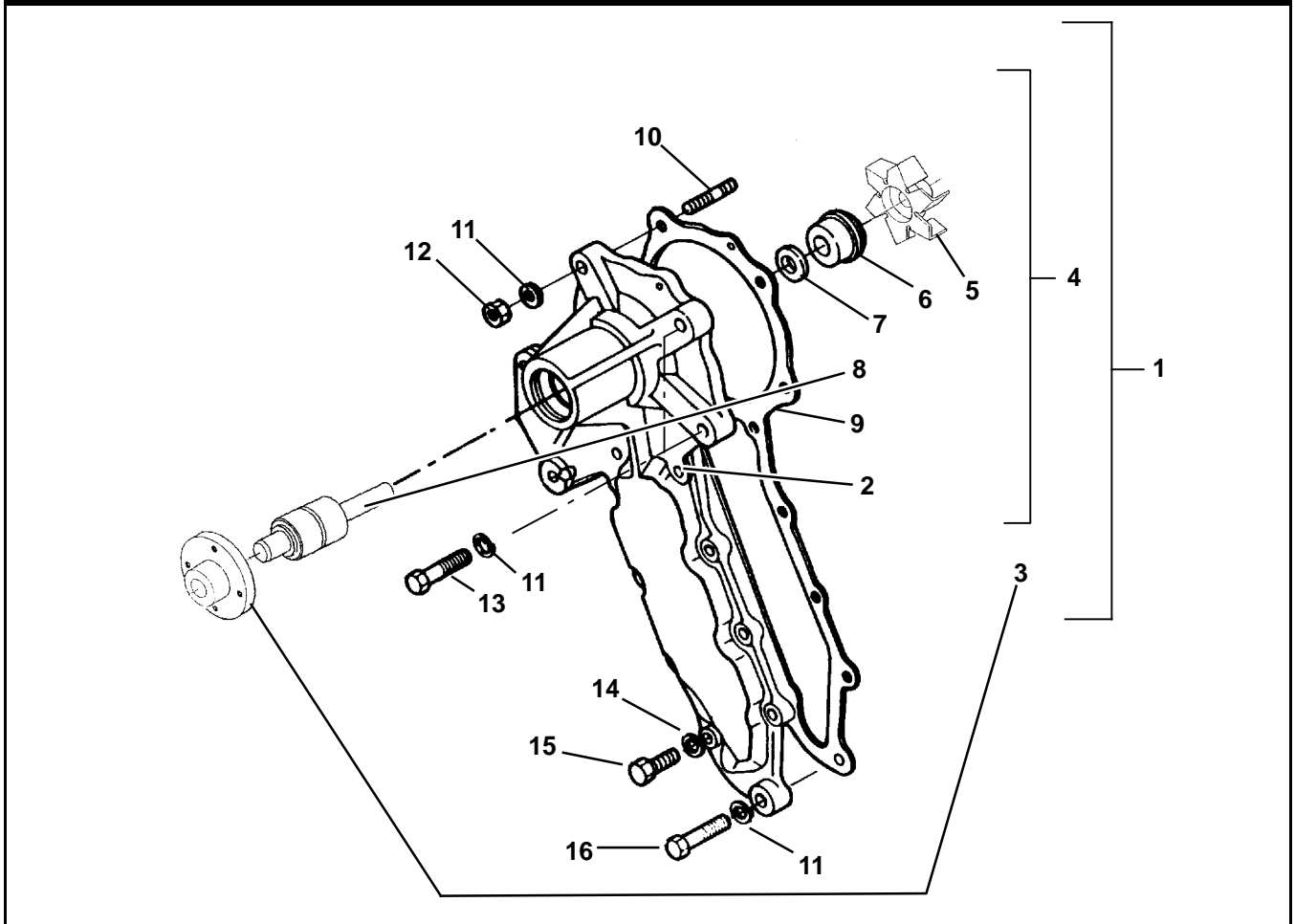
Item	Part Number	Description	Qty
1	25-38052-00	Plug	1
2	25-38053-00	Washer, With Rubber	1
3	25-37049-00	Plug	1

26. THERMOSTAT / COOLANT BOTTLE



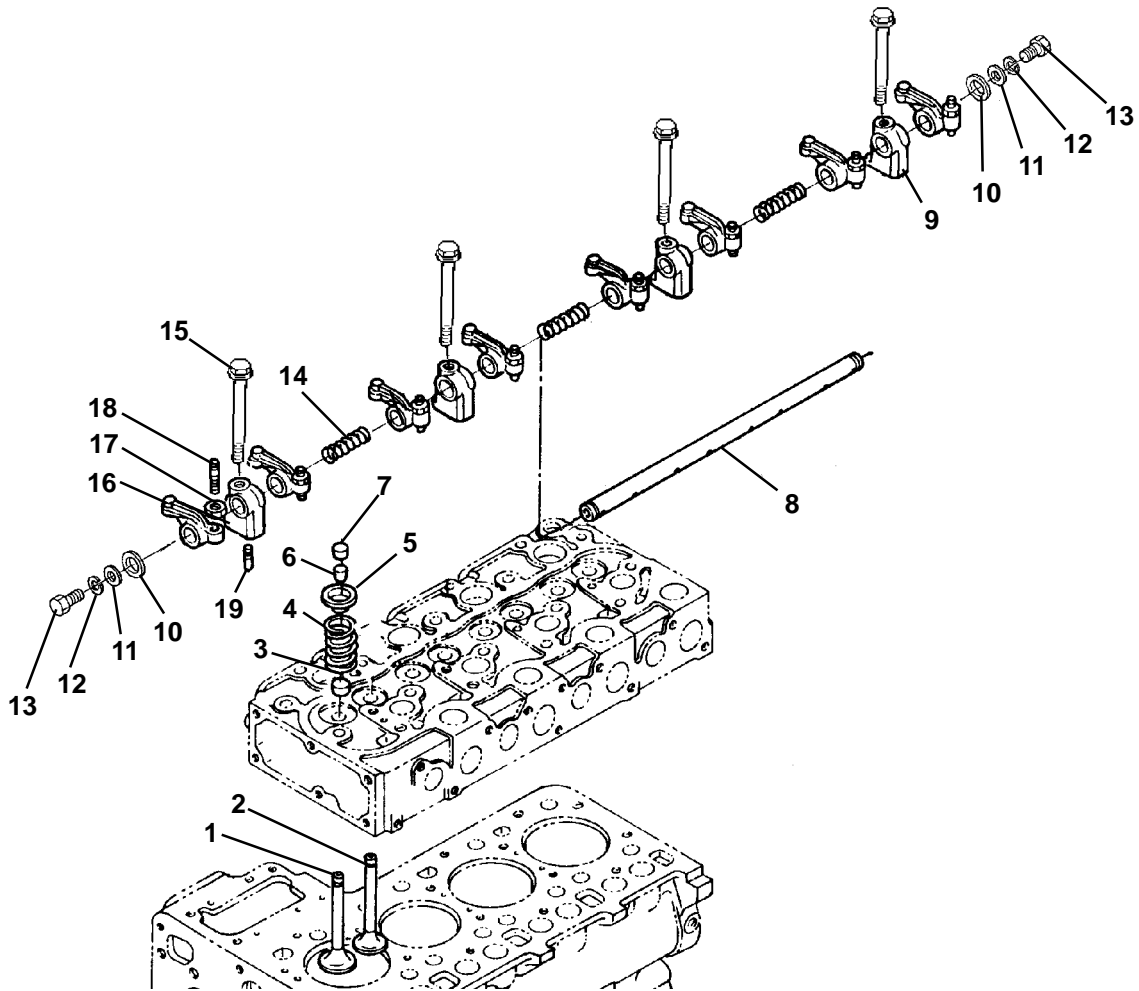
Item	Part Number	Description	Qty
1	25-37559-01	Thermostat, Kit - Includes:	1
2	25-37558-00	Gasket, Thermostat Housing	1
3	25-37557-00	Housing, Thermostat - Straight	1
4	25-37662-00	Bolt	2
5	25-39466-00	Hose, By-pass - Includes:	1
6	44-00045-06	Clamp	2
7	25-39483-00	Flange, Thermostat - Trailer Engines - Includes:	1
	25-37560-00	Flange, Thermostat - Genset Engines - Includes:	
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
15	25-38735-00	Housing, Thermostat - 90_	1
16	25-15412-00	Bottle, Coolant (Genset Only) - Includes:	1
17	25-15413-00	Cap	1
18	25-39528-00	Gasket	1
19	25-15414-00	Plate	1

27. WATER PUMP



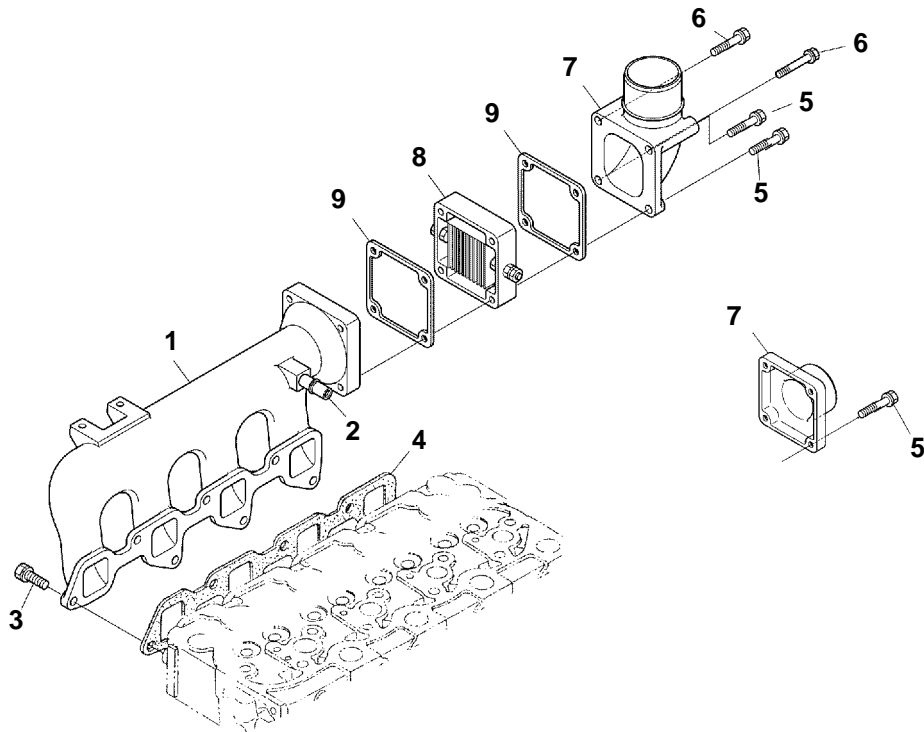
Item	Part Number	Description	Qty
1	25-15568-00SV	Pump Assembly, Water - Includes:	1
2	NSS	Body, Water Pump	1
3	25-37580-05	Flange, Water Pump	1
4	25-37580-20	Kit, Water Pump - Includes:	1
5	NSS	Impeller, Water Pump	1
6	NSS	Seal, Water Pump	1
7	NSS	Slinger	1
8	NSS	Shaft, Water Pump	1
9	25-15569-00	Gasket, 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. VALVES AND ROCKER ARMS



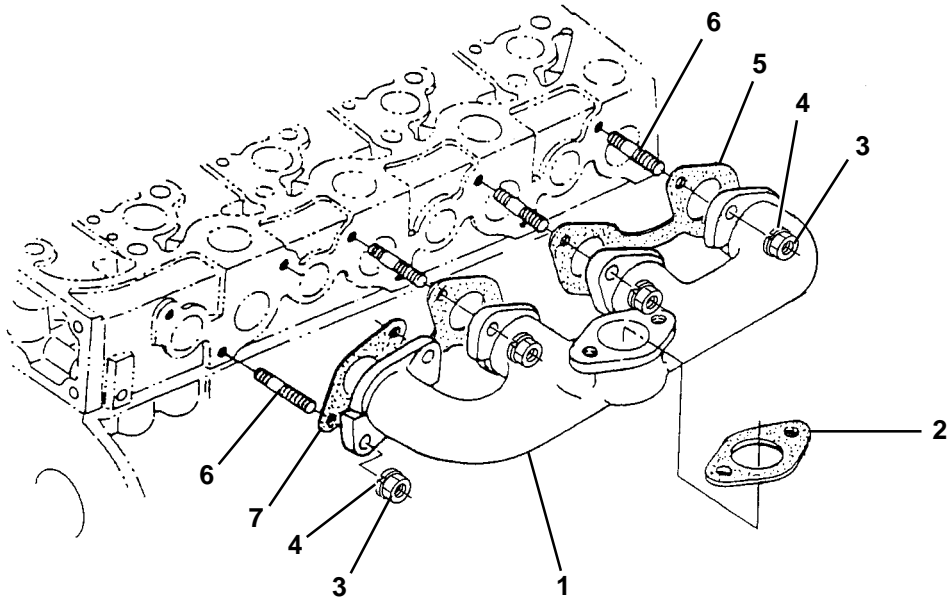
Item	Part Number	Description	Qty
1	25-38087-00	Valve, Intake	4
2	25-38088-00	Valve, Exhaust	4
3	25-39338-00	Seal, Valve Stem	8
4	25-37262-00	Spring, Valve	8
5	25-37263-00	Retainer, Spring	8
6	25-37264-00	Keeper, Valve	8
7	25-37266-00	Cap, Valve	8
8	25-39334-00	Shaft, Rocker Arm	1
9	25-37268-00	Bracket, 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

29. INTAKE MANIFOLD



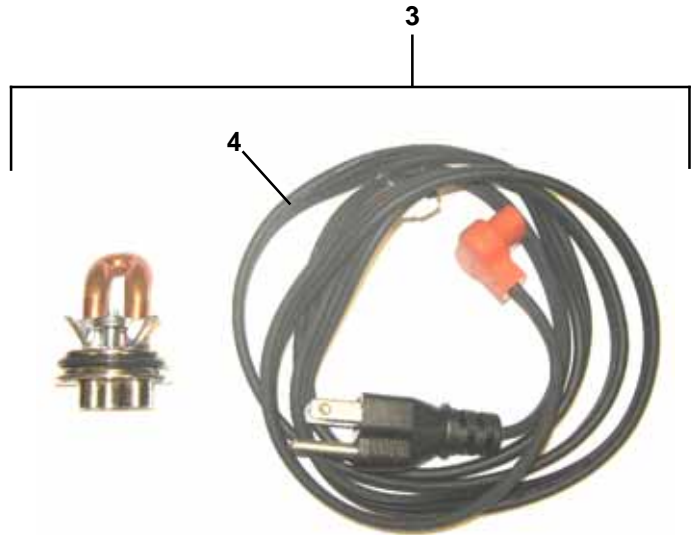
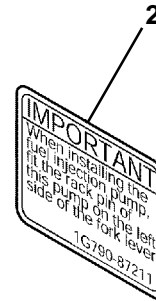
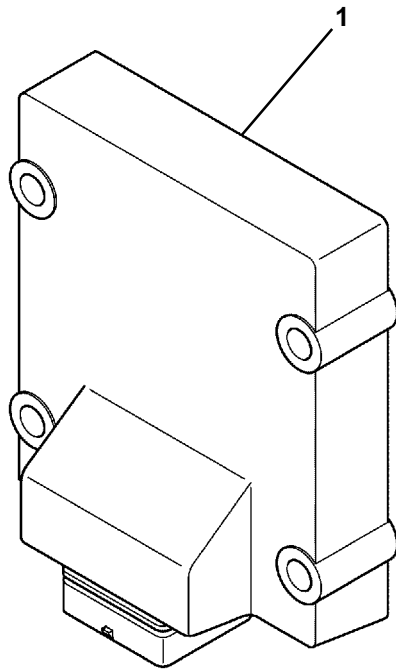
Item	Part Number	Description	Qty
1	25-39467-00	Assembly, Manifold, Intake, Prior to S/N 8C0001 - Includes:	1
	25-39590-00	Assembly, Manifold, Intake, Starting With S/N 8C0001 - Includes:	
2	25-38727-00	Pipe, Water Return	1
3	25-37659-00	Bolt	7
4	25-39188-00	Gasket	1
5	25-39471-00	Bolt, Flange	A/R
6	25-39472-00	Bolt, Flange	1
7	25-39473-00	Flange, Air Cleaner - 90° - Engines 26-00128-00, -02, -04, -05, -06, -08, -10, -11, -12, -14, -16, -17, -18, -20, -22, -23, -24, -26, -28, -29, -31, -32, -34, -36, -37	1
	25-39481-00	Flange, Air Cleaner - Straight - Engines 26-00128-01, -03, -07, -09, -13, -15, -19, -21, -25, -27, 30, -33, -35	
8	25-39421-00	Heater, Intake Air	1
9	25-39422-00	Gasket, Flange	2

30. EXHAUST MANIFOLD



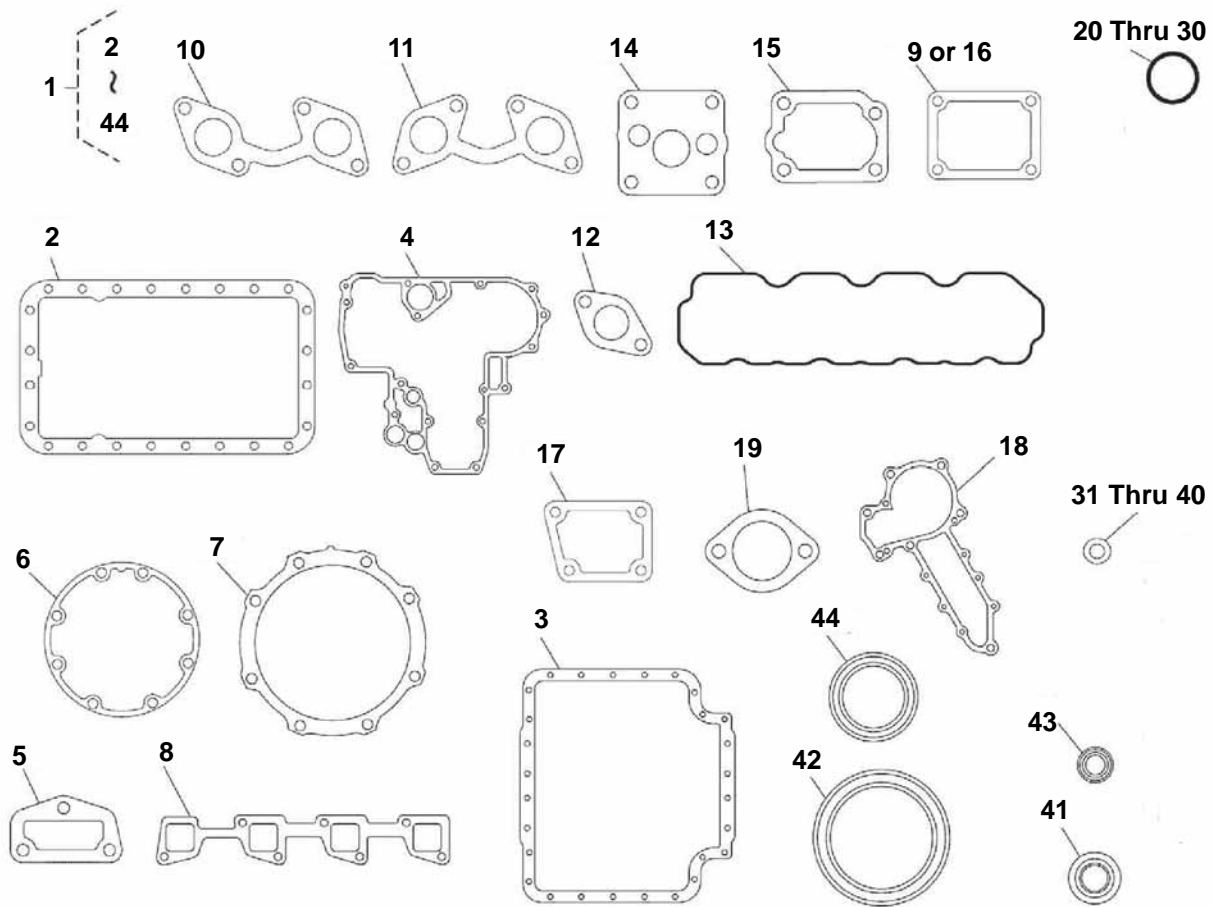
Item	Part Number	Description	Qty
1	25-39335-00	Manifold, Exhaust	1
2	25-37238-00	Gasket, Muffler Flange	1
3	25-35685-00	Nut, Hex M8	8
4	25-35687-00	Washer, Spring	8
5	25-39336-00	Gasket, Exhaust Manifold	1
6	25-37237-00	Stud	8
7	25-39337-00	Gasket, Exhaust Manifold	1

31. ACCESSORIES AND SERVICE PARTS



Item	Part Number	Description	Qty
1	12-00584-01	Engine Speed Control Unit (ENSCU) - Belt Drive Trailer Engines	1
	12-00584-02	Engine Speed Control Unit (ENSCU) - UG/RG Engines	
	12-00584-03	Engine Speed Control Unit (ENSCU) - Vector 6500/6600 Engines	
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

32. GASKET KIT (Prior to S/N 9J0001)



Item	Part Number	Description	Qty
1	25-39537-00	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, IN-Manifold	1
9	25-39422-00	Gasket, A/C Flange	2
10	25-39337-00	Gasket, Exhaust Manifold	1
11	25-39336-00	Gasket, Exhaust Manifold	1
12	25-37238-00	Gasket, Muffler Flange	1
13	25-38713-00	Gasket, Head Cover	1
14	25-37041-00	Gasket, Oil Pump	1
15	25-15545-00	Gasket, Plate	1
16	25-37537-00	Gasket, Pump Cover	1
17	25-37561-00	Gasket, Water Flange	1
18	25-15569-00	Gasket, Water Pump	1
19	25-37558-00	Gasket, Thermostat	1

33. GASKET KIT (Prior To S/N 9J0001) - Continued

Item	Part Number	Description	Qty
20	25-37142-00	O-Ring	4
21	25-15581-00	O-Ring	2
22	25-37143-00	O-Ring	1
23	25-37158-00	O-Ring	1
24	25-37389-00	O-Ring	1
25	25-39032-00	O-Ring	1
26	25-37310-00	O-Ring	1
27	25-38664-00	O-Ring	1
28	25-37667-00	O-Ring	1
29	25-15547-00	O-Ring	1
30	25-37142-00	O-Ring	4
31	25-35136-05	Gasket	5
32	25-38666-13	Gasket	5
33	25-37492-00	Gasket	2
34	25-39267-00	Gasket	1
35	25-36641-00	Gasket	2
36	25-39399-00	Gasket	4
37	25-15395-00	Gasket	4
38	25-36739-00	Gasket	1
39	25-15073-00	Gasket	1
40	25-39361-00	Gasket	1
41	25-15543-00	Seal, Oil	2
42	25-37198-00	Seal, Oil	1
43	25-39338-00	Seal, Valve Stem	8
44	25-37396-01	Seal, Oil	1

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
12-00584-01	37	25-15564-00	27	25-37035-00	1
12-00584-02	37	25-15568-00SV	33	25-37036-00	1
12-00584-03	37	25-15569-00	33, 38	25-37041-00	11, 38
25-15004-00	1	25-15571-00	37	25-37042-00	11
25-15009-00	1	25-15576-00	21	25-37043-00	11
25-15020-00	3	25-15581-00	5, 39	25-37044-00	11
25-15070-00	10	25-34032-00SV	2	25-37045-00	11
25-15071-00	10	25-34169-00	13, 15	25-37049-00	31
25-15073-00	39	25-35031-00	1	25-37079-00	2
25-15273-00	19, 23	25-35045-00	2	25-37106-00	3
25-15280-00	17	25-35136-05	1, 25, 39	25-37107-00	3
25-15289-00	27	25-35354-00	22	25-37108-00	3
25-15357-00	3	25-35389-00	18	25-37119-00	3
25-15394-00	24	25-35485-00	21	25-37142-00	5, 7, 24, 39
25-15395-00	24, 39	25-35531-00	3	25-37143-00	5, 39
25-15412-00	32	25-35678-00	19	25-37148-00	33
25-15413-00	32	25-35680-00	13	25-37152-00	5, 7
25-15414-00	32	25-35684-00	25	25-37154-00	5, 7
25-15532-00	5, 7	25-35685-00	3, 32, 33, 36	25-37155-00	5, 7
25-15533-00	5, 7	25-35687-00	3, 16, 29, 30, 32, 33, 34, 36	25-37156-00	5, 7, 38
25-15534-00	5, 38	25-35690-00	30	25-37158-00	5, 7, 39
25-15535-00	5, 7	25-35692-00	11, 22, 25, 33	25-37191-01	12
25-15536-00	5, 7	25-35704-00	5, 7	25-37197-00	12
25-15537-00	5, 7	25-36197-00	8	25-37198-00	39
25-15538-00	5, 7	25-36618-00	21	25-37237-00	21, 32, 36
25-15539-00	13	25-36619-00	21	25-37238-00	36, 38
25-15540-00	19	25-36641-00	21, 39	25-37262-00	34
25-15541-00	19	25-36643-00	21	25-37263-00	34
25-15542-00	19	25-36710-00	5, 7, 19	25-37264-00	34
25-15543-00	19, 23, 39	25-36715-00	25	25-37266-00	34
25-15544-00	19, 23	25-36739-00	2, 39	25-37268-00	34
25-15545-00	19, 23, 38	25-37026-00	1	25-37271-00	34
25-15546-00	19	25-37028-00	1	25-37272-00	34
25-15547-00	20, 39	25-37032-00	1	25-37276-00	34
25-15548-00	20	25-37033-00	1	25-37277-00	34
25-15550-00	22	25-37034-00	1	25-37310-00	10, 39
25-15552-00	23			25-37352-00	13
25-15553-00	23			25-37384-13	15
25-15554-00	23			25-37385-02	15

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
25-37388-00	15	25-38053-00	31	25-38719-00	8
25-37389-00	15, 39	25-38087-00	34	25-38720-00	8
25-37390-00	15	25-38088-00	34	25-38727-00	8, 32, 35
25-37396-01	15, 39	25-38118-00	15	25-38735-00	32
25-37420-12	16	25-38121-00	15	25-38767-00	30
25-37421-01	16	25-38122-01	15	25-38769-00	8
25-37425-00	16, 34	25-38122-02	15	25-38771-00	5, 7
25-37433-00	18	25-38140-00	24	25-38772-00	20
25-37436-00	18	25-38165-00	18	25-38773-00	20
25-37447-00	18	25-38283-00	32	25-38774-00	37
25-37449-00	25	25-38528-00	3	25-38774-01	37
25-37491-00	23	25-38661-00	18	25-39000-00	16
25-37492-00	23, 39	25-38663-00	25	25-39001-00	16, 17
25-37536-00	19, 23	25-38664-00	25, 39	25-39015-00	1
25-37537-00	19, 38	25-38665-00	25	25-39023-00	34
25-37557-00	32	25-38666-00	25, 26	25-39026-00	2
25-37558-00	32, 38	25-38666-01	26	25-39027-00	2, 38
25-37559-01	32	25-38666-02	26	25-39028-00	2, 38
25-37560-00	32	25-38666-03	26	25-39029-00	2
25-37561-00	32, 38	25-38666-04	26	25-39032-00	2, 39
25-37580-05	33	25-38666-05	26	25-39036-00	3
25-37580-07	27	25-38666-07	26	25-39064-00	5, 7
25-37580-20	33	25-38666-08	26	25-39066-00	5, 7
25-37593-00	21	25-38666-09	26	25-39084-00	33
25-37594-00	25	25-38666-10	26	25-39090-00	34
25-37656-00	23	25-38666-11	26	25-39093-00	21
25-37657-00	2	25-38666-12	26	25-39095-00	21
25-37659-00	35	25-38666-13	26, 39	25-39097-00	21
25-37660-00	12	25-38666-14	26	25-39100-00	13
25-37662-00	32	25-38666-16	26	25-39112-00	15
25-37663-00	30	25-38667-00	25	25-39122-00	15
25-37664-00	32	25-38668-00	25	25-39125-00	17
25-37667-00	39	25-38669-00	25	25-39135-03	30
25-37671-00	33	25-38670-00	25	25-39188-00	35, 38
25-37672-00	19, 20, 23	25-38712-00	8	25-39189-00	34
25-37680-00	29, 30	25-38713-00	8, 38	25-39191-00	23
25-37686-00	34	25-38714-00	8	25-39222-00	24
25-37695-00	1, 5, 7	25-38717-00	12, 38	25-39226-00	28
25-37700-00	13, 27	25-38718-00	12, 33	25-39227-00	28
25-38052-00	31			25-39229-00	24

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
25-39252-00	21	25-39381-00	13	25-39443-00	15
25-39257-00	19	25-39383-00	13	25-39444-00	15
25-39262-00	19	25-39384-00	13	25-39446-00	15
25-39264-00	19	25-39386-00	13	25-39447-00	16
25-39266-00	19	25-39387-00	13	25-39448-00	16
25-39267-00	19, 39	25-39388-00	13	25-39449-00	18
25-39272-00	22	25-39389-00	13	25-39450-00	18
25-39273-00	22	25-39390-00	21	25-39451-00	18
25-39274-00	22	25-39391-00	21	25-39452-00	18
25-39276-00	2	25-39392-00	21	25-39453-00	18
25-39277-00	2	25-39393-00	21	25-39454-00	22
25-39292-00	2	25-39394-00	5, 7, 22	25-39455-00	22
25-39320-00	28	25-39395-00	22	25-39456-00	24
25-39321-00	5, 7	25-39396-00	23	25-39458-00	24
25-39334-00	34	25-39397-00	24	25-39459-00	24
25-39335-00	36	25-39399-00	24, 39	25-39460-00	24
25-39336-00	36, 38	25-39400-00	15	25-39461-00	24
25-39337-00	36, 38	25-39401-00	15	25-39463-00	29
25-39338-00	34, 39	25-39402-00	15	25-39464-00	29
25-39347-00	15	25-39403-00	15	25-39465-00	29
25-39356-00	3	25-39404-00	15	25-39466-00	32
25-39357-00	3	25-39405-00	15	25-39467-00	35
25-39358-00	1	25-39416-00	15	25-39471-00	35
25-39360-00	1	25-39421-00	35	25-39472-00	35
25-39361-00	1, 39	25-39422-00	35, 38	25-39473-00	35
25-39362-00	1	25-39426-00	1	25-39476-00	29
25-39364-00	18	25-39430-00	2	25-39480-00	28
25-39365-00	18	25-39431-00	2	25-39481-00	35
25-39367-00	19	25-39432-00	2	25-39482-00	27
25-39371-00	11, 12	25-39433-00	3	25-39483-00	32
25-39372-00	12	25-39434-00	3	25-39491-00	24
25-39373-00	12	25-39435-00	5	25-39528-00	32
25-39374-00	12	25-39436-00	5, 7	25-39532-00	16
25-39375-00	12	25-39437-00	5, 7	25-39533-00	16, 17
25-39376-00	12, 38	25-39438-00	8	25-39534-00SV	15
25-39377-00	12	25-39439-00	13	25-39535-00	15
25-39378-00	12	25-39440-00SV	15	25-39537-00	38
25-39379-00	12	25-39441-00SV	15	25-39560-00SV	7
25-39380-00	12	25-39442-00	15	25-39561-00	7
				25-39563-00	17

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
25-39587-00	30	38-00525-00	28	44-00045-25	24
29-50052-50	26	44-00045-01	8	58-00659-00	24
29-70163-00	5, 7	44-00045-06	32	944030	3, 18
30-00463-00	9				



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