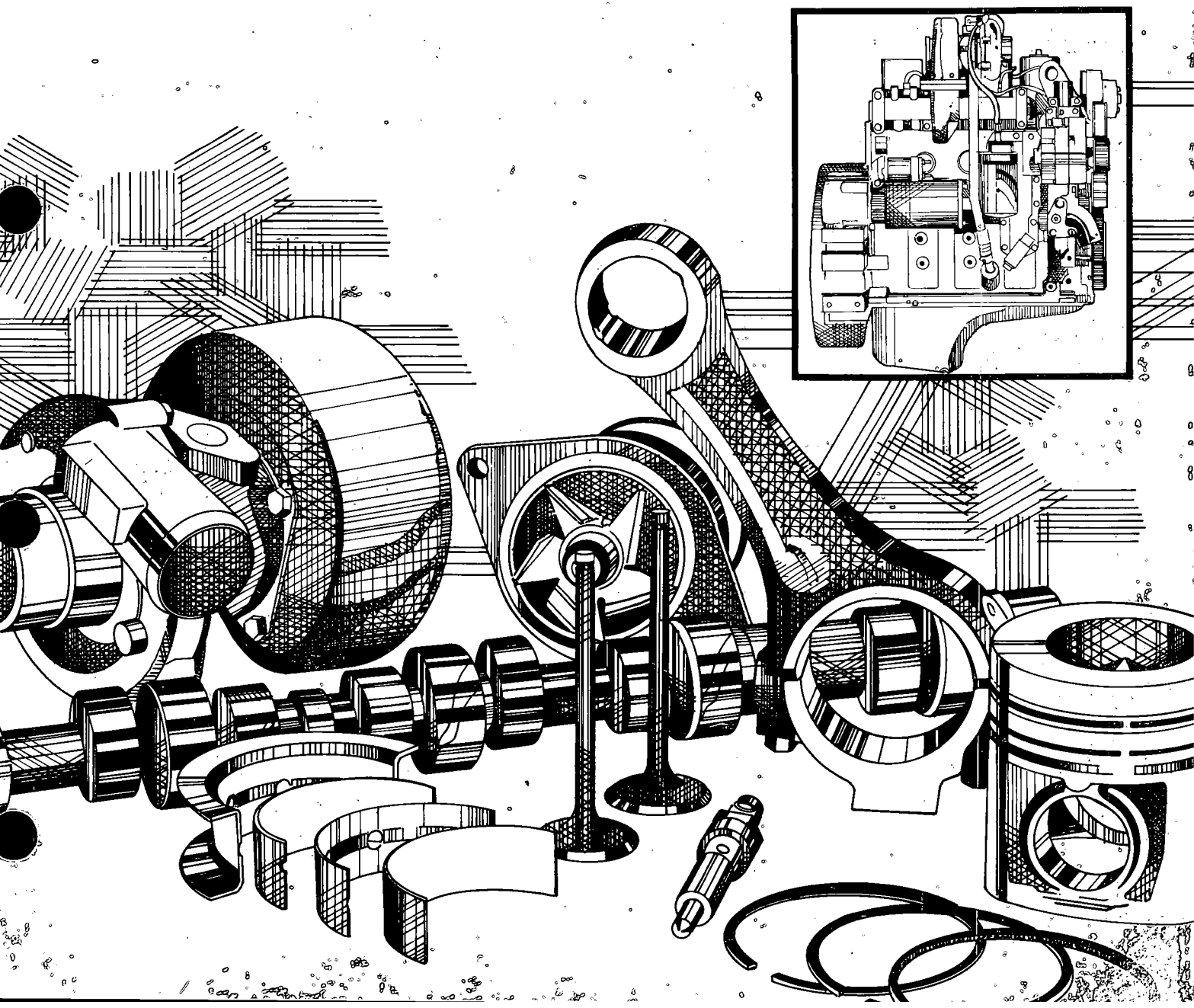




4B3.9 4BT3.9 4BTA3.9 Parts Catalog

B Series





Cummins Engine Co., Inc.

B&C SERIES

NEW PARTS WARRANTY

Coverage

This warranty applies to all Cummins B Series Engine new parts marketed anywhere in the world where service is available through a Cummins authorized service location.

New Cummins Replacement Parts are warranted to be free from defects in material and/or workmanship under normal use and service. This coverage extends 6 months from the date of purchase by the first user.

Cummins Responsibility

Cummins will pay for all parts and labor** needed to repair the warrantable failure, including progressive damage to the engine only if the failed part was installed by an authorized Cummins service center. Cummins will not pay labor cost on failures of any parts not installed by an authorized Cummins service center. Only new genuine Cummins or Cummins approved rebuilt parts and assemblies will be used in making the repair.

Cummins will pay for lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to warrantable failure.

Cummins will not pay labor cost on failures of seals, gaskets, o-rings, belts, and hoses.

**All labor costs will be paid in accordance with Cummins' published Standard Repair Operation Guidelines.

Owner Responsibility

Owner is responsible for operation and maintenance of the engine as specified in Cummins Operation & Maintenance Manuals.

Before the expiration of the Warranty, Owner must give notice to an authorized Cummins service center of a failure considered to be warrantable and have the repair performed by such facility.*

The Owner may in some instances, due to engine application and installation, be responsible for extra labor** expense associated with engine or part removal and reinstallation as necessary for repair.

Owner is responsible for lodging, meals and incidental costs incurred by Owner, or agents of Owner, as a result of warrantable failure. Owner is responsible for "downtime" expenses, cargo damage and all business costs and losses resulting from a warrantable failure.

CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

*Owner is responsible for delivery of the failed engine or parts to Cummins authorized service center or pay travel expense.

**All labor costs will be paid in accordance with Cummins' published Standard Repair Operation Guidelines.

Limitations

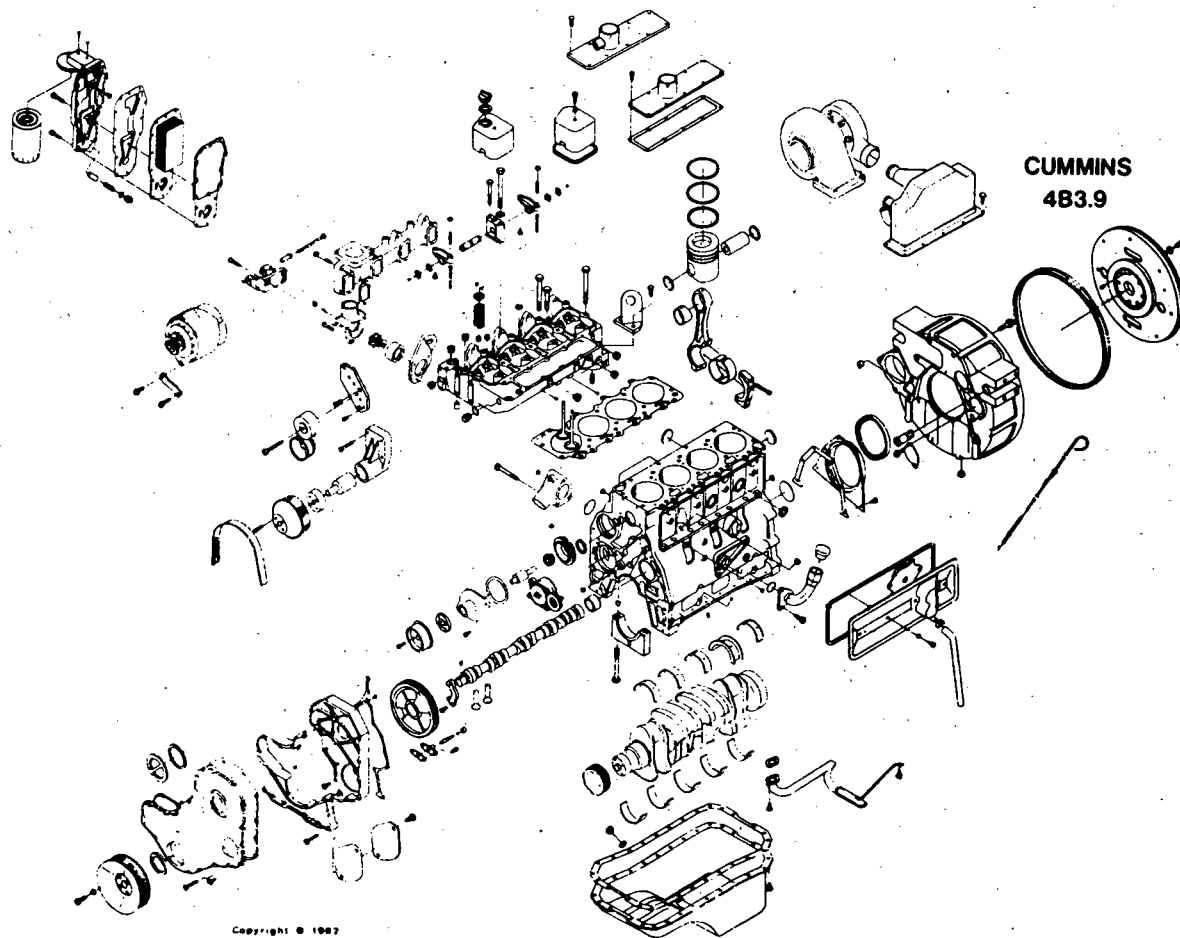
Cummins is not responsible for failures resulting from Owner or operator abuse or neglect such as: operation without adequate coolant, fuel or lubrication; overfueling; overspeeding; lack of maintenance of lubricating, cooling or air intake systems; improper storage, starting, warm-up, run-in or shutdown practices; contaminants, e.g., water and dirt, in fuel.

Cummins does not warrant accessories supplied by Cummins which bear the name of another company. These accessories are warranted by their manufacturer and not by Cummins, except when supplied by Cummins as part of an upfit kit. Examples of these non-warranted accessories are: alternators, starters, fans, air conditioning compressors, clutches, transmissions, torque converters, marine gears, hydraulic pumps, air cleaners, non-Cummins air compressors, steering pumps, safety shutdown devices and alarm systems.

This warranty does not apply to parts provided by Cummins at no charge to Owner.

Cummins is not responsible for failures resulting from improper repairs or installations or the use of parts not approved by Cummins.

THIS WARRANTY IS THE SOLE WARRANTY OF CUMMINS. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THESE PARTS.



CUMMINS
4B3.9

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Customer Parts Information

This Parts Catalog contains Service Parts Information for the following Cummins 4B Series Diesel Engines.

4B3.9	Natural Aspiration
4BT3.9	Turbocharged
4BTA3.9	Turbocharged and Aftercooled

Following is an explanation of the Cummins Small Engine Model Nomenclature. The first digit tells the number of cylinders; the next character denotes the engine series; the remaining letter signify aspiration; and these trailing number indicate displacement in liters.

4	B	T	A	3.9	
					Displacement in Liters
					Indicates engine is Aftercooled
					Indicates engine is Turbocharged
					Engine series (family of engine)
					Number of Cylinders

The Table of Contents identifies the major parts groups alphabetically within the catalog and assists locating the parts.

Parts are listed in Reference Number sequence followed by Part Number, Part Name, Quantity required, Engine Model using the part and a Remarks section.

Part numbers that are indented are included in the Assembly or Kit under which they are listed.

Identified on top left corner is the Cummins Master Parts Book Group Number. The Engine Option of the parts illustrated is identified on the top right corner.

An Alpha numeric Engine Option Index is located at the end of this catalog. It is the policy of Cummins Engine Company Inc. to continually improve their products. Design changes may change the appearance of a part or an assembly. Verify obvious differences with your Cummins Dealer or Distributor.

This catalog was compiled by Paul M. Clark in Parts Communications.

Customer Parts Information

The Engine Data Plate located on the Gear Housing on fuel pump side of the engine and should be referenced when sourcing parts.

	Manufactured in U.S.A. for: Cummins Engine Company, Inc. Box 3005 Columbus, Indiana 47202-3005		Cert. I.D.	C.I.D./ L.	Series	CPL	Engine Serial No.
			239	3.9	B	0591	44005065
			Timing-TDC Letter G				Injector P/N. 3903383
		Valve lash cold		Int.	Exh.	Cust. Spec.	
		.254mm		.508mm			
Warning: Injury May Result and Warranty is Voided If Fuel Rate RPM Or Altitudes Exceed Published Maximum Values For This Model And Application	Firing Order		1342			Rated HP 76 at 2500 RPM	
	Low Idle RPM		750			Fuel rate at rated HP 52 mm ³ /stroke	
	Date of Mfg.		4/27/83			Model Name 4B-3.9	
		E.C.S.					

Information contained on the Engine Data Plate is the Engine Model Name located in the lower right corner, the Engine Serial Number located in the upper right corner and the CPL Number located in the upper center.

USE THIS INFORMATION WHEN ORDERING PARTS.

The form below will allow for the recording of your Engine Model, Serial Number, CPL Number and normal maintenance items. Refer to it when ordering parts from your Cummins Dealer or Distributor.

Specify Engine Model, Serial Number and CPL Number when ordering Parts.

Engine Model_____ Engine Serial Number_____ CPL Number_____

Manufacturer Make_____ Model_____ Serial Number_____

Element, Fuel Filter_____ Element, Air_____

Element, Lube Oil_____ Belt, Fan_____

Injector_____ Fuel Pump Assembly_____

Special Equipment_____

Cummins Distributor_____

Distributor Telephone Number_____

YOU OWN THE BEST...REPAIR WITH THE BEST

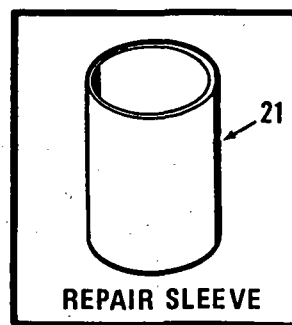
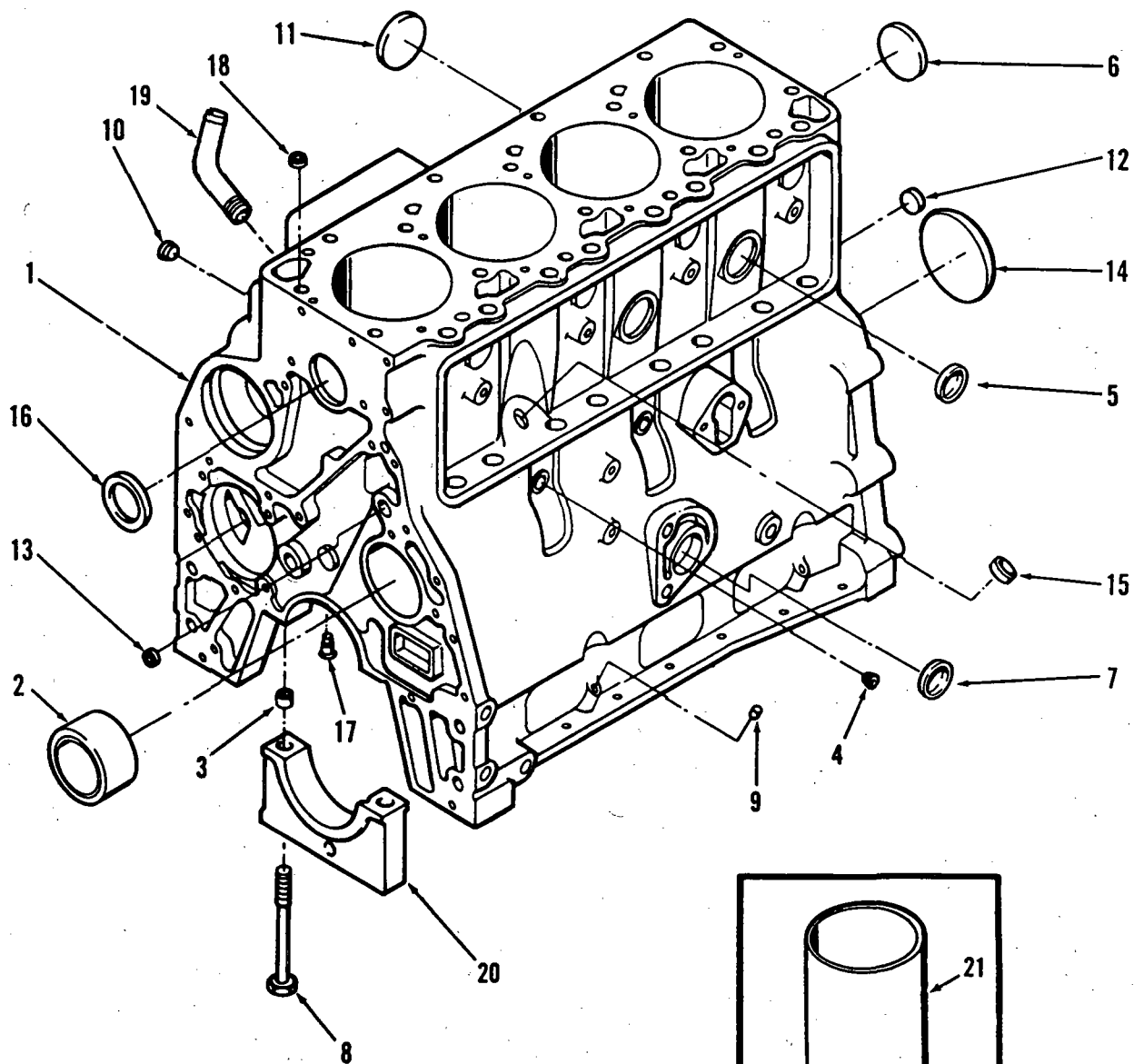
4B3.9 Parts Catalog Table of Contents

Major Parts Group	Page No.
Air Compressor.....	130 thru 135
Alternator Location.....	143 thru 151
Alternator.....	136 thru 138
Bracket, Lifting.....	170
Camshaft & Gear.....	24
Compressor, Freon Bracket.....	171 thru 175
Connection Inter Inlet.....	91
Connection, Exhaust.....	129 thru 130
Cooler, Engine Oil.....	61 thru 62
Coupling Fuel Pump.....	92 thru 93
Cover, Cylinder Block.....	60
Cover, Front Gear.....	22
Cover, Tappet.....	33
Cover, Valve.....	30
Crankshaft.....	7 thru 8
Cylinder, Block.....	1 thru 3
Drive Front Gear Train Acc.....	104 thru 108
Drive Tachometer.....	34
Drive, Crank.....	10 thru 14
Engine Balancer.....	16 thru 17
Engine Oil Pan Heater.....	112
Fan Engine.....	66 thru 67
Fan Drive.....	68 thru 88
Flywheel.....	163 thru 161
Fuel Filter.....	47 thru 51
Head, Cylinder.....	26 thru 27
Heater Coolant.....	111 thru 112
Housing, Flywheel.....	153 thru 158
Housing, Thermostat.....	89
H1C Turbocharger.....	117 thru 119
Injector, Fuel.....	53 thru 54
Lever Rocker.....	28 thru 34
Location, Alternator.....	136 thru 138
Manifold Air Intake.....	110
Manifold, Exhaust.....	122 thru 123
Oil Pan.....	54 thru 56
Pipe, Exhaust.....	126 thru 128
Piston Engine.....	18 thru 19
Plumbing, Air Cleaner.....	113 thru 115
Plumbing, Fuel.....	94 thru 102
Pump Injection CAV.....	36 thru 39
Pump Injection BOSCH.....	40 thru 43
Pump Lift.....	35
Pump Lub Oil.....	64
Pump, Water.....	65
Push Rod.....	34
Rear Stub Shaft.....	166
Set. Gasket.....	167 thru 169
Short, Block.....	4 thru 6
Spacer Fan Pilot.....	90
Starting Motor.....	152
Support, Front Engine.....	164 thru 165
Tappets.....	31
Tube, Fuel Supply.....	44 thru 46
Warrenty Certificate.....	Forward
Engine Option Index.....	176 thru 179

Group 01.01

CYLINDER BLOCK

Part of Option BP9701 & BP9706



B01210

Group 01.01

CYLINDER BLOCK

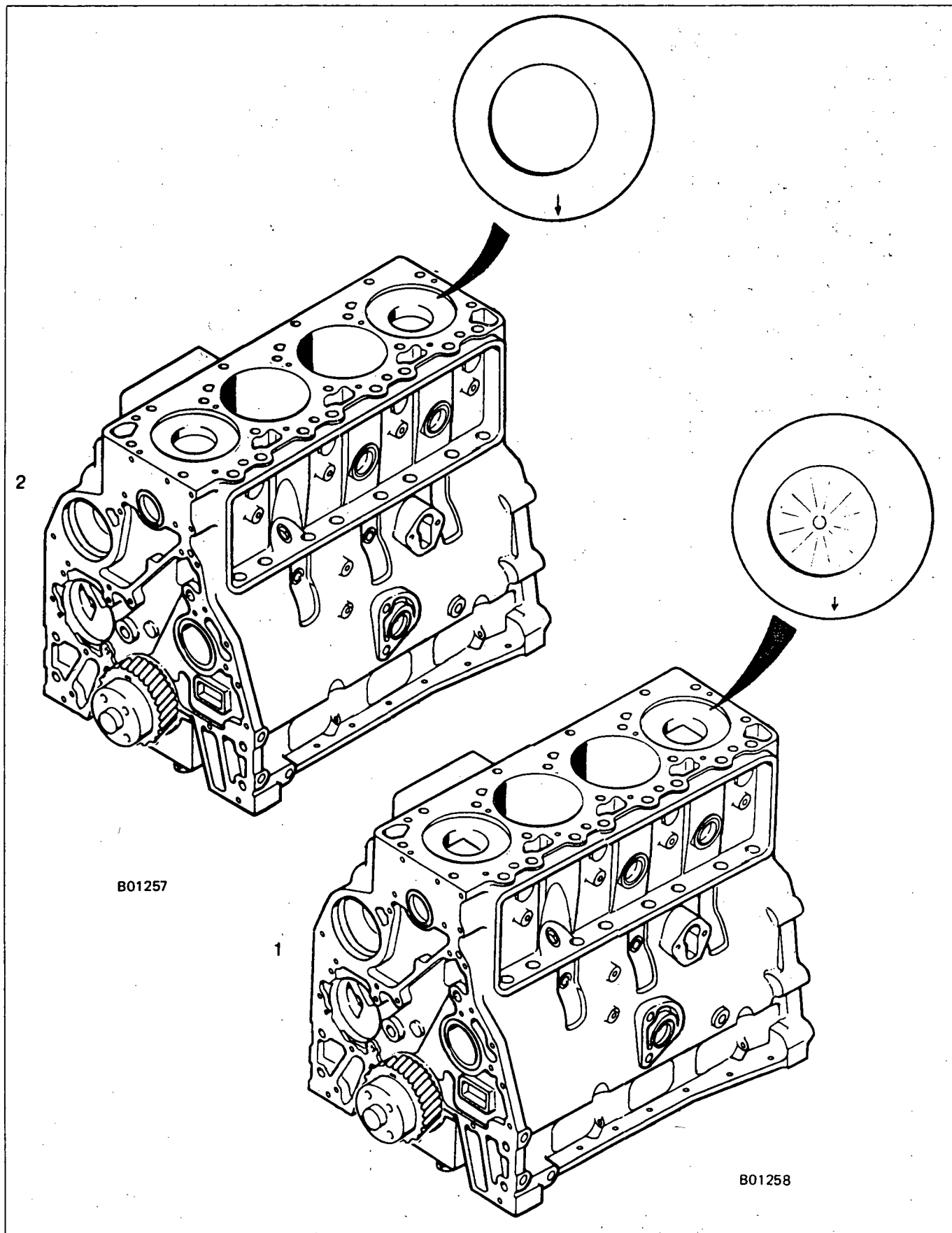
Part of Option BP9701 & BP9706

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905376	Block, Cylinder Service	1	x	x		
2	3901306	Bushing	1	x	x		
3	3900068	Dowel, Ring	10	x	x		M18 x 10
4	3900956	Plug, Expansion	3	x	x		17.73mm (.70)
5	3900957	Plug, Expansion	2	x	x		25.70mm (1.00")
6	3900965	Plug, Expansion	4	x	x		
7	3900958	Plug, Expansion	1	x	x		32.02mm (1.26")
8	3904217	Screw, Hexagon Head Cap	10	x	x		M14-2.00 x 119
	3904491	Kit, Block Hardware	1	x	x		
9	3008465	Plug, Pipe	2	x	x		.125" NPTF
10	3008468	Plug, Pipe	1	x	x		.50" NPTF
11	3027646	Plug, Expansion	1	x	x		22.35mm
12	3900068	Dowel, Ring	2	x	x		
13	3900257	Dowel, Pin	2	x	x		M10 x 16
14	3900687	Plug, Expansion	1	x	x		
15	3900955	Plug, Expansion	1	x	x		.375"
16	3900958	Plug, Expansion	1	x	x		32.02mm (1.26")
17	3901020	Nozzle, Piston Cooling	4	x	x		1.5mm I.D.
18	3902343	Dowel, Ring	2	x	x		M16 x 10
19	3903744	Tube, Turbo Drain	1		x		BP9701
		BLOCK SERVICE PARTS					
20	3900967	Main, Bearing Cap, Service	5	x	x	x	
21	3900396	Sleeve, Cyl. Block, Service		x	x	x	Std. Bore 102 mm Use as required

Parts indented are included in the assembly or kit under which they are listed.

Group 01.01.04

SHORT BLOCK, SERVICE



Group 01.01.04

SHORT BLOCK, SERVICE

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905377	Block Short	1	x			Naturally Aspirated
	3905376	Block Cylinder	1	x	x	x	
	3901090	Bearing, Main	4	x	x	x	
	3901140	Bearing, Crank Thrust	1	x	x	x	
	3901150	Bearing, Main	5	x	x	x	
	3901170	Bearing, Conn Rod	8	x	x	x	
	3901306	Bushing	1	x	x	x	
	3901569	Rod, Engine Conn	4	x	x	x	
	3901793	Pin, Piston	4	x	x	x	
	3904477	Crankshaft	1	x	x	x	
	3901016	Pin, Dowel	1	x	x	x	
	3901258	Gear, Crankshaft	1	x	x	x	
	3802020	Piston, Engine Kit	4	x			
	3802040	Piston, Ring Set	4	x			
	3901706	Ring, Retaining	8	x	x	x	
	3904991	Block, Hardware Kit	1	x	x	x	
	3008465	Plug, Pipe	2	x	x	x	.125" NPTF
	3008468	Plug, Pipe	1	x	x	x	.50" NPTF
	3027646	Plug, Expansion	1	x	x	x	
	3900068	Dowel, Ring	2	x	x	x	
	3900257	Pin, Dowel	2	x	x	x	M10 x 16
	3900687	Plug, Expansion	1	x	x	x	60.2mm (2.37")
	3900955	Plug, Expansion	1	x	x	x	
	3900958	Plug, Expansion	1	x	x	x	
	3901020	Nozzle, Piston	4	x	x	x	
	3902343	Dowel, Ring	2	x	x	x	M16 x 10

Parts indented are included in the assembly or kit under which they are listed.

Group 01.01.04

SHORT BLOCK, SERVICE

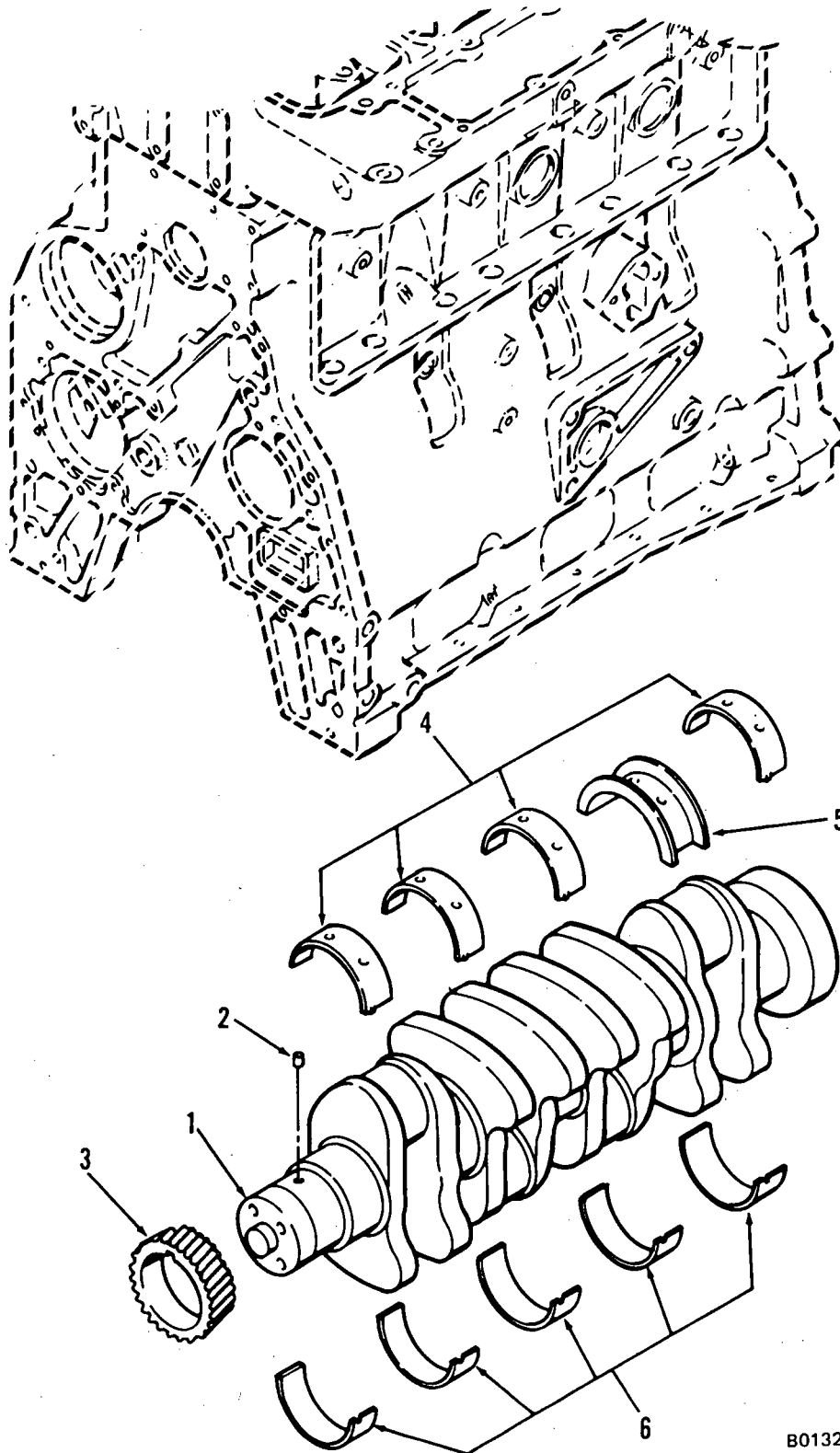
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
2	3905378	Block Short	1		x	x	Turbocharged
	3905376	Block Cylinder	1	x	x	x	
	3901090	Bearing, Main	4	x	x	x	
	3901140	Bearing, Crank Thrust	1	x	x	x	
	3901150	Bearing, Main	5	x	x	x	
	3901170	Bearing, Conn Rod	8	x	x	x	
	3901306	Bushing	1	x	x	x	
	3901569	Rod, Engine Conn	4	x	x	x	
	3901793	Pin, Piston	4	x	x	x	
	3904477	Crankshaft	1	x	x	x	
	3901016	Pin, Dowel	1	x	x	x	
	3901258	Gear, Crankshaft	1	x	x	x	
	3802030	Piston, Engine Kit	4		x	x	
	3802050	Piston, Ring Set	4		x	x	
	3901706	Ring, Retaining	8	x	x	x	
	3903744	Tube, Turbo oil Drain	1		x	x	
	3904991	Block, Hardware Kit	1	x	x	x	.125" NPTF .50" NPTF M10 x 16 60.2 mm (2.37") M16 x 10
	3008465	Plug, Pipe	2	x	x	x	
	3008468	Plug, Pipe	1	x	x	x	
	3027646	Plug, Expansion	1	x	x	x	
	3900068	Dowel, Ring	2	x	x	x	
	3900257	Pin, Dowel	2	x	x	x	
	3900687	Plug, Expansion	1	x	x	x	
	3900955	Plug, Expansion	1	x	x	x	
	3900958	Plug, Expansion	1	x	x	x	
	3901020	Nozzle, Piston	4	x	x	x	
	3902343	Dowel, Ring	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02

CRANKSHAFT AND MAIN BEARING

Part of BP9701 & BP9706



B01320

Group 01.02

CRANKSHAFT AND MAIN BEARING

Part of BP9701 & BP9706

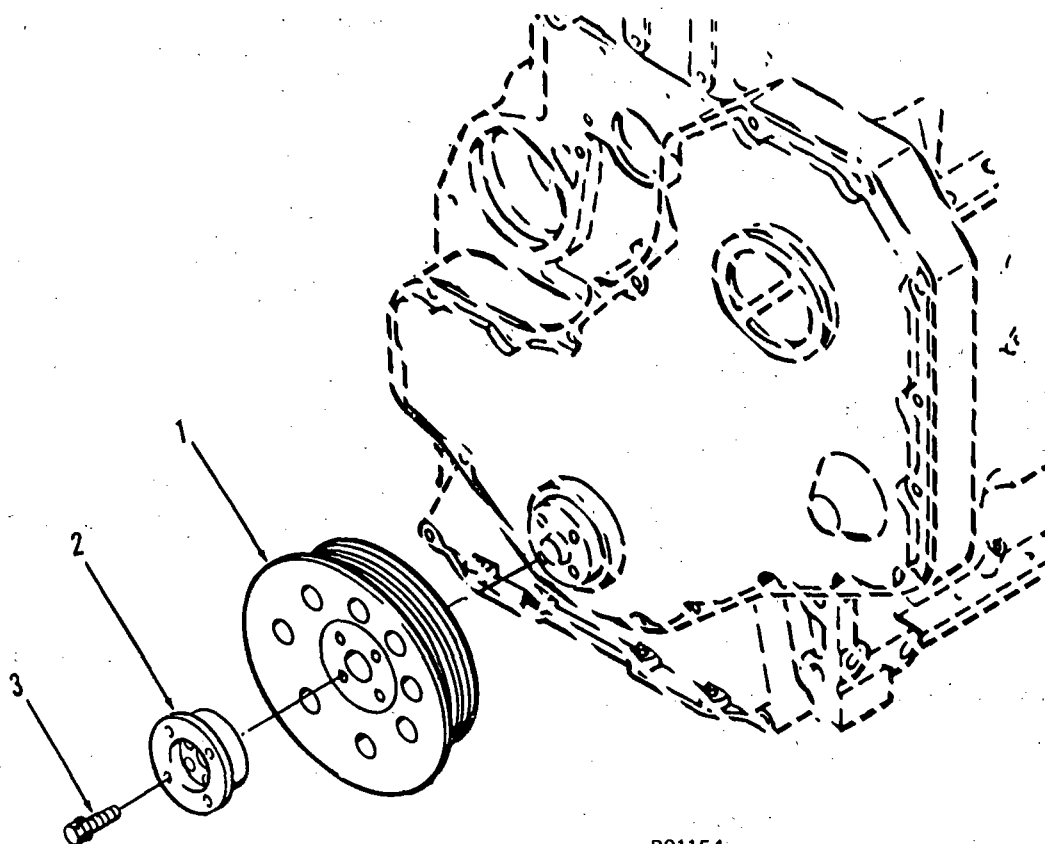
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904477	Crankshaft		x	x		Standard
2	3901016	Pin, Dowel	1	x	x		
3	3901258	Gear, Crankshaft	1	x	x		
	3802010	Set, Main Bearing	1	x	x		
4	3901090	Bearing, Main Upper	4	x	x		
5	3901140	Bearing, Thrust	1	x	x		
6	3901150	Bearing, Lower	5	x	x		
	3802011	Set, Main Bearing	1	x	x		.25mm .010 in
4	3901091	Bearing, Main Upper	4	x	x		
5	3901141	Bearing, Thrust	1	x	x		
6	3901151	Bearing, Lower	5	x	x		
	3802012	Set, Main Bearing	1	x	x		.50mm .020 in
4	3901092	Bearing, Main Upper	4	x	x		
5	3901142	Bearing, Thrust	1	x	x		
6	3901152	Bearing, Lower	5	x	x		
	3802013	Set, Main Bearing	1	x	x		.75mm .030 in
4	3901093	Bearing, Main Upper	4	x	x		
5	3901143	Bearing, Thrust	1	x	x		
6	3901153	Bearing, Lower	5	x	x		
	3802014	Set, Main Bearing	1	x	x		1.00mm .040 in
4	3901094	Bearing, Main Upper	4	x	x		
5	3901144	Bearing, Thrust	1	x	x		
6	3901154	Bearing, Lower	5	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02.03

DRIVE, CRANK

Option AF9002



B01154

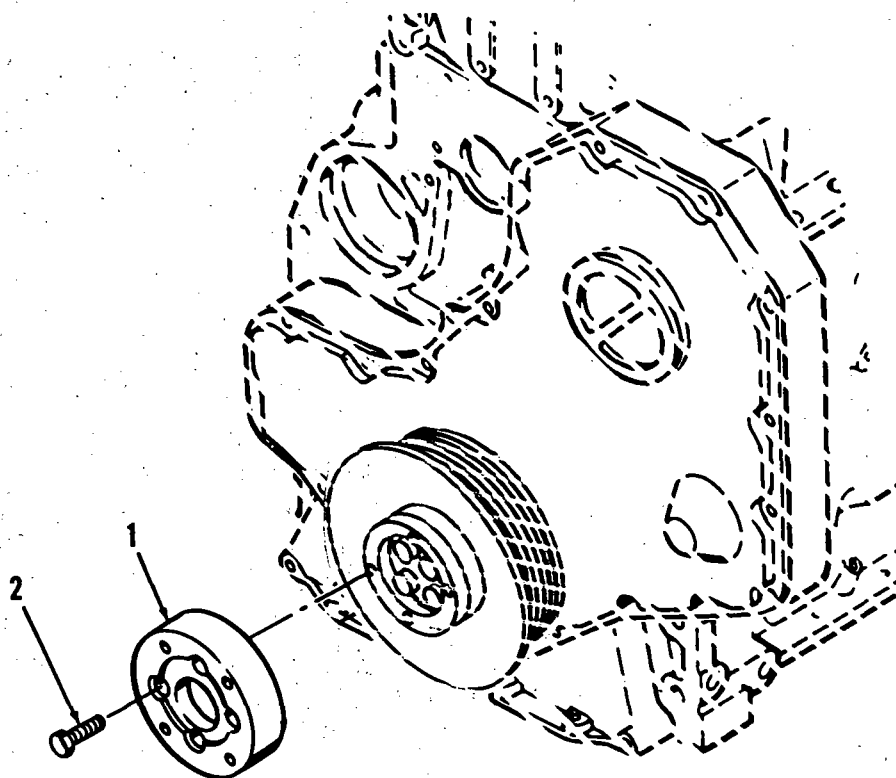
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903858	Pulley, Crank	1	x	x	x	174mm 8 groove
2	3903829	Flange, Crankshaft	1	x	x	x	
3	3903857	Screw, Hex Head Cap	4	x	x	x	M12-1.25 x 36 (12.9) Flanged

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02.03

DRIVE, CRANK

Option See Below



B01054

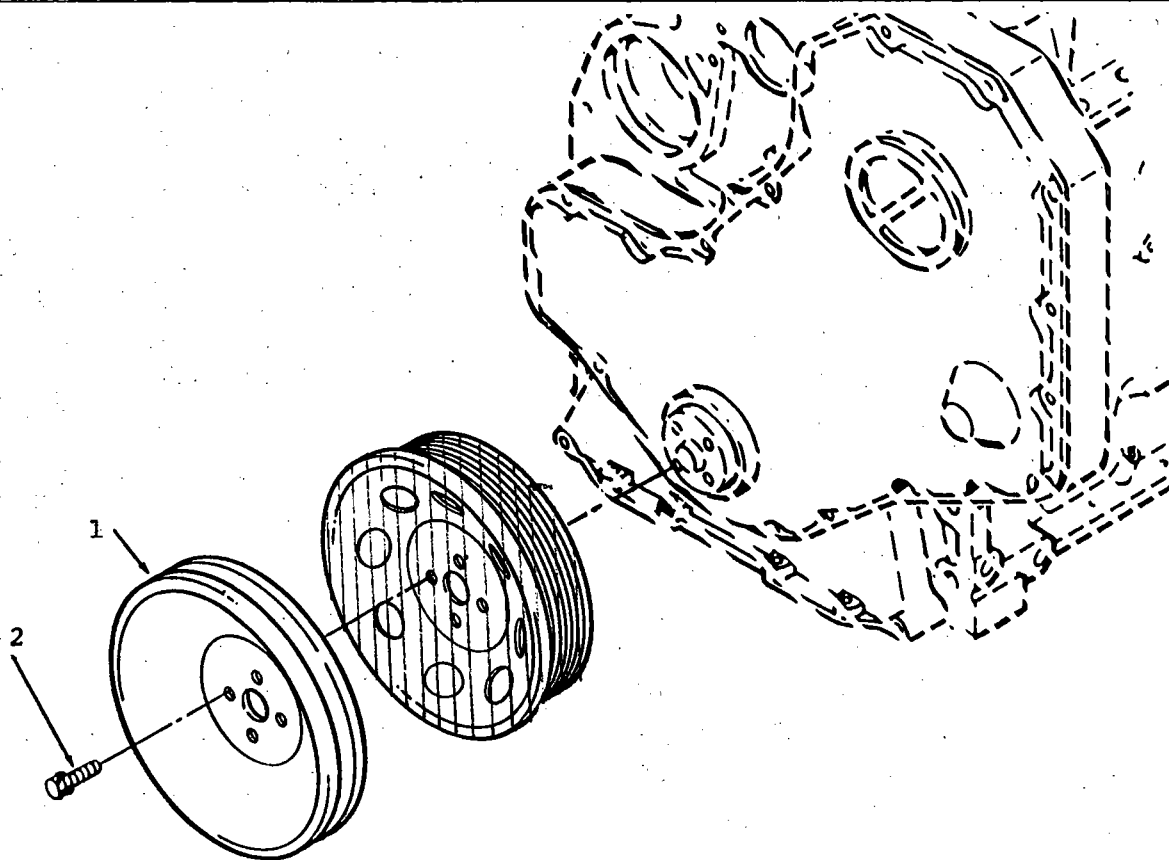
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903783	AF9003 Flange, Companion	1	x	x	x	Spicer 1000 & 1100 7/16-14UNC
2	3904052	Screw, Hex Head Cap	4	x	x	x	
1	3903784	AF9004 Flange, Companion	1	x	x	x	Spicer 1260 & 1310 7/16-14UNC
2	3904052	Screw, Hex Head Cap	4	x	x	x	
1	3903785	AF9005 Flange, Companion	1	x	x	x	Spicer 1350 & 1410 7/16-14UNC
2	3904052	Screw, Hex Head Cap	4	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02.03

DRIVE, CRANK

Option AF9006



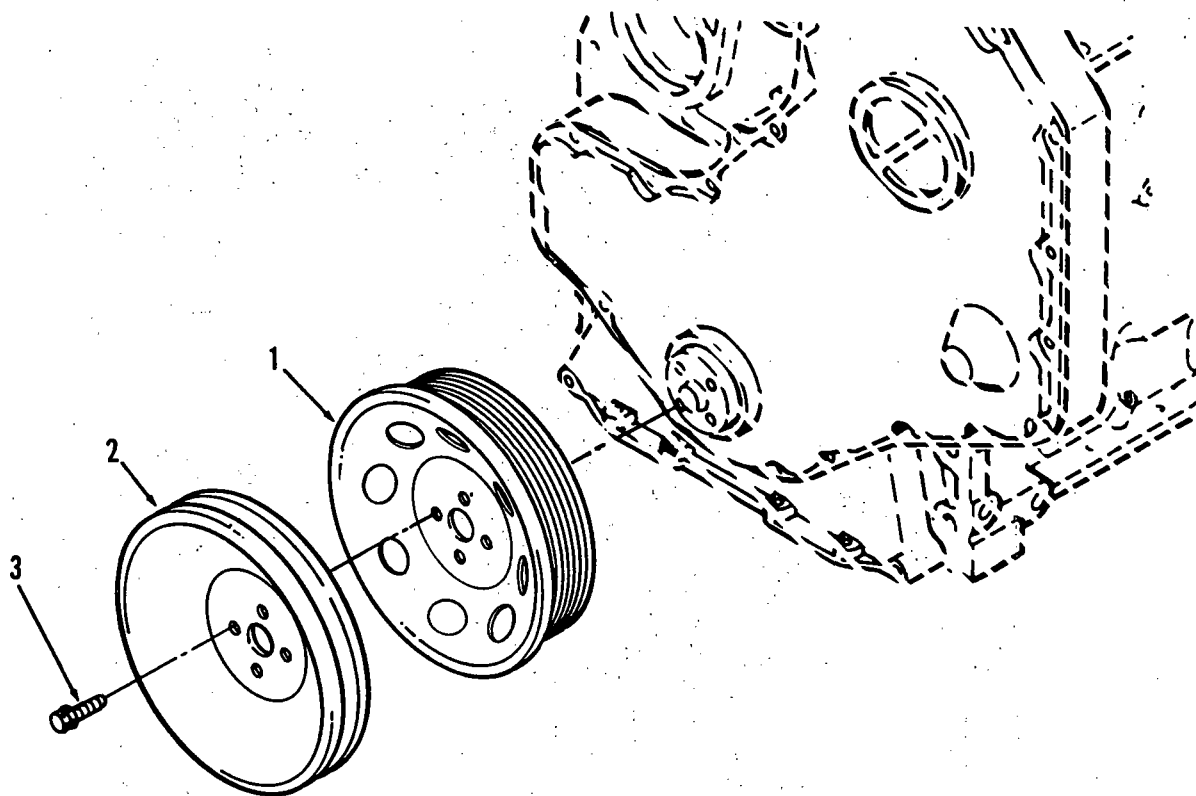
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903858	Pulley, Crank	1	x	x	x	1 groove .50"V
2	3903857	Screw, Hex Head Cap	4	x	x	x	M12-1.25 x 36 Flanged

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02.03

DRIVE, CRANK

Option AF9007



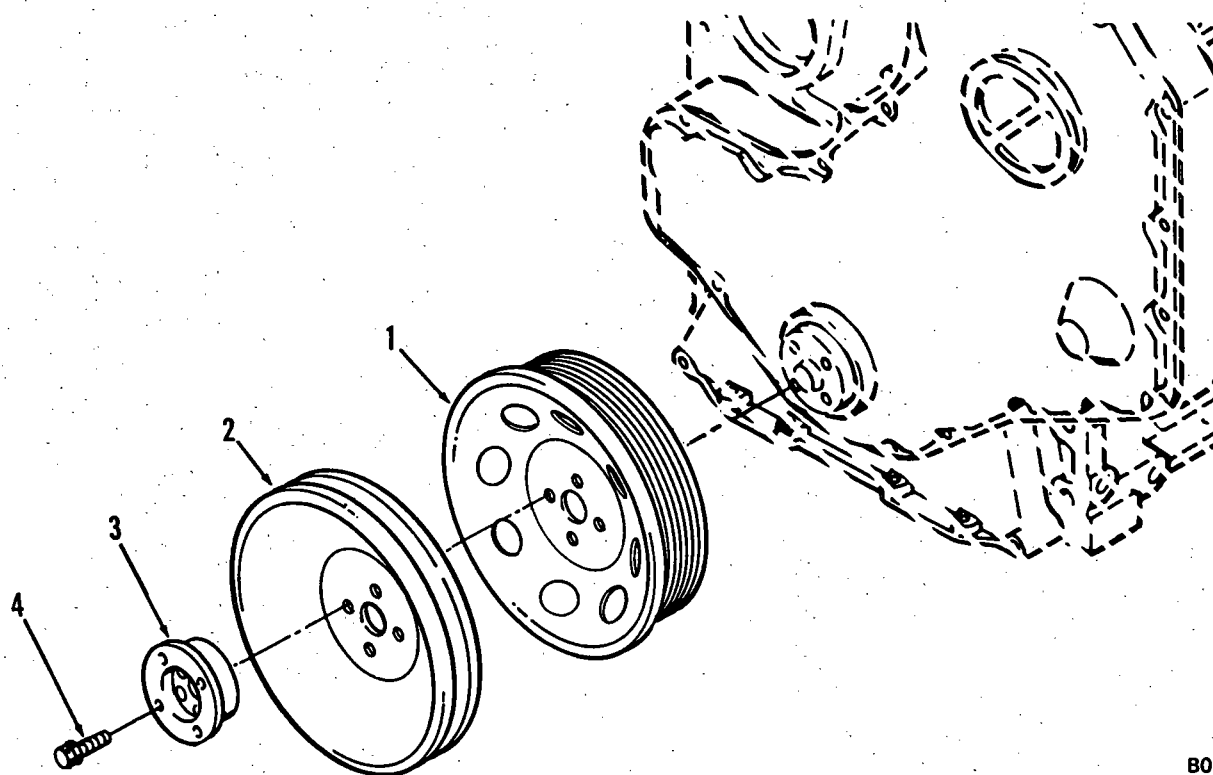
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903858	Pulley, Crank	1	x	x		174mm 8 groove
2	3903826	Pulley, "V" Belt	1	x	x		1 gr. .50"
3	3903857	Screw, Hex Head Cap	4	x	x		M12-1.25 x 36(12.9)

Parts indented are included in the assembly or kit under which they are listed.

Group 01.02.03

DRIVE, CRANK

Option AF9008



B01159

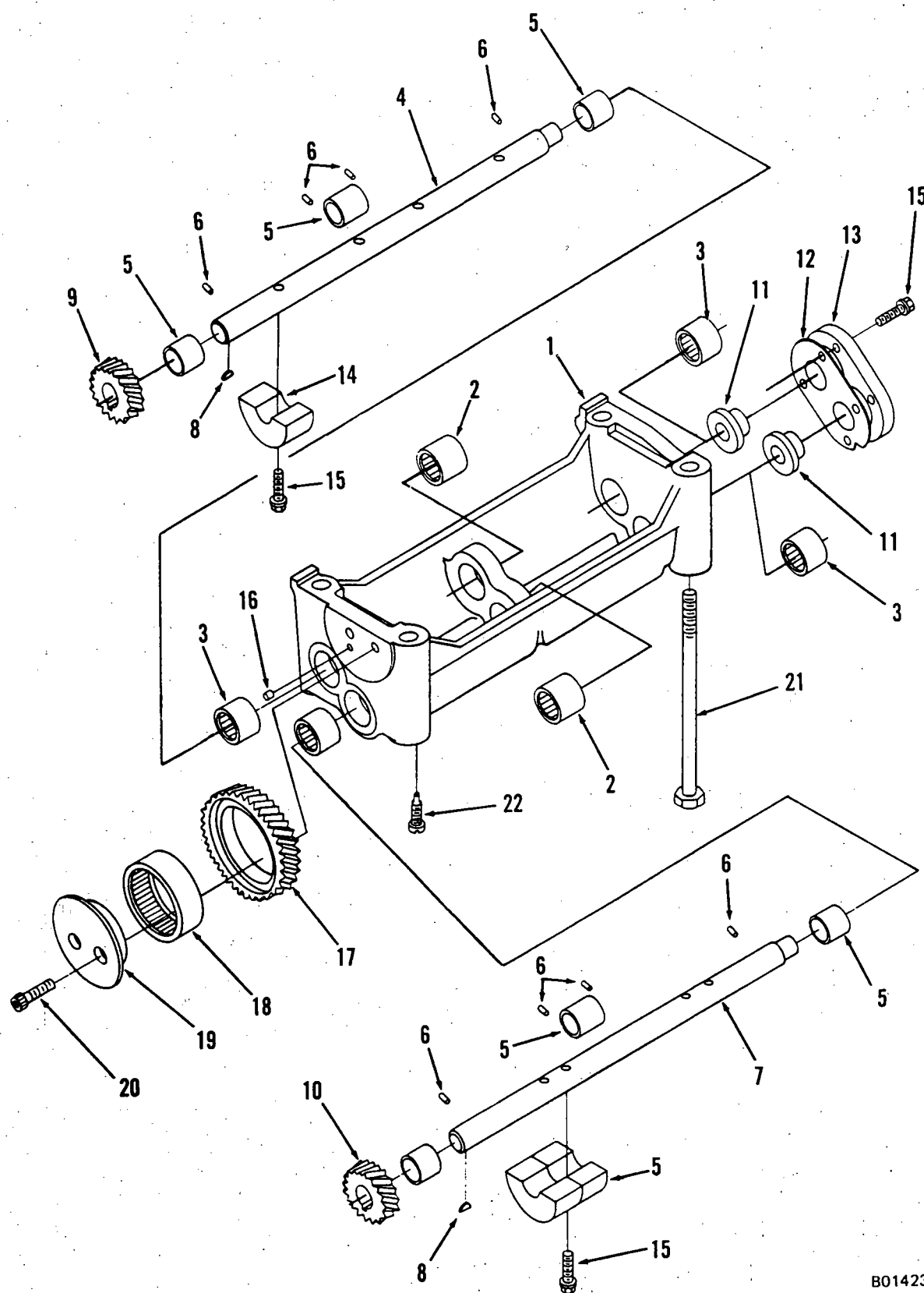
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903858	Pulley, Crank	1	x	x	x	174mm 8 groove
2	3903826	Pulley, "V" Belt	1	x	x	x	1 groove .50"
3	3903829	Flange, Crankshaft	1	x	x	x	
4	3903857	Screw, Hex Head Cap	4	x	x	x	M12-1.25 x 36 (12.9) Flanged

Parts indented are included in the assembly or kit under which they are listed.

Group 01.03

ENGINE, BALANCER

Option BA9001



B01423

Parts indented are included in the assembly or kit under which they are listed.

Group 01.03

ENGINE, BALANCER

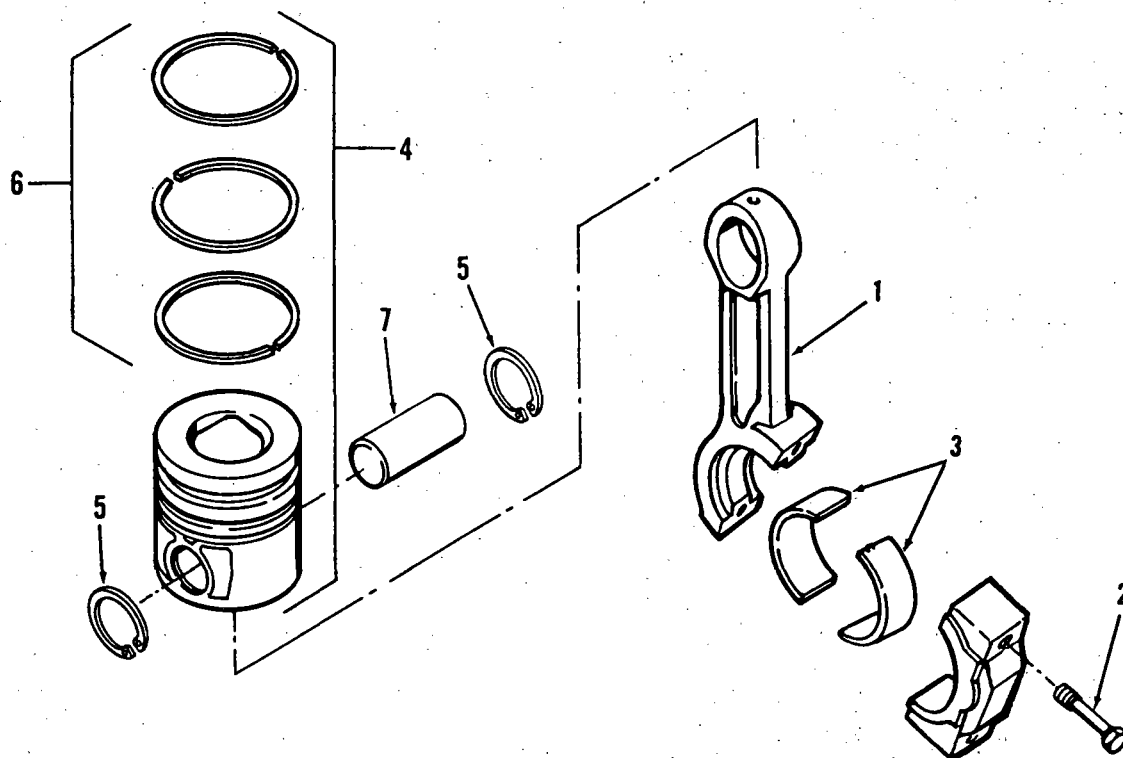
Option BA9001

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3906375	Assembly, Eng. Balancer	1	x	x	x	
2	3906379	Housing, Balancer	1	x	x	x	
2	3906378	Bearing, Needle	2	x	x	x	
3	3904702	Bearing	4	x	x	x	
4	3906376	Shaft, Upper Assy.	1	x	x	x	
5	3906373	Shaft, Upper	1	x	x	x	
6	3906069	Race, Inner Bearing	3	x	x	x	
11	3906072	Pin, Spiral	4	x	x	x	
8	3906068	Collar, Thrust	1	x	x	x	
9	3902332	Key, Woodruff	1	x	x	x	
9	3906064	Gear, Balancer Shaft	1	x	x	x	
7	3906377	Shaft, Lower Assy.	1	x	x	x	
5	3906374	Shaft, Lower	1	x	x	x	
6	3906069	Race, Inner Bearing	3	x	x	x	
11	3906072	Pin, Spiral	4	x	x	x	
8	3906068	Collar, Thrust	1	x	x	x	
10	3902332	Key, Woodruff	1	x	x	x	
10	3906065	Gear, Lower	1	x	x	x	
12	3906066	Plate, Thrust Plate	1	x	x	x	
13	3906067	Plate, thrust Plate	1	x	x	x	
14	3906073	Weight, Bal. Counter	1	x	x	x	
15	3902114	Screw, Hex Head Cap	12	x	x	x	M8-1.25 x 30
16	3904701	Pin, Roll	1	x	x	x	Dia. 6 x 7
17	3904708	Gear, Idler	1	x	x	x	
18	3901352	Bearing, Needle	1	x	x	x	
19	3906367	Retainer, Idler Gear	1	x	x	x	
20	3901350	Screw, Socket	2	x	x	x	M10-1.50 x 30
21	3904218	Screw, Hex Head Cap	4	x	x	x	M14-2.0 x 231

Parts indented are included in the assembly or kit under which they are listed.

Group 01.04 01.05 01.05.02 PISTON, ENGINE, CONNECTING ROD

Part of Option PP591



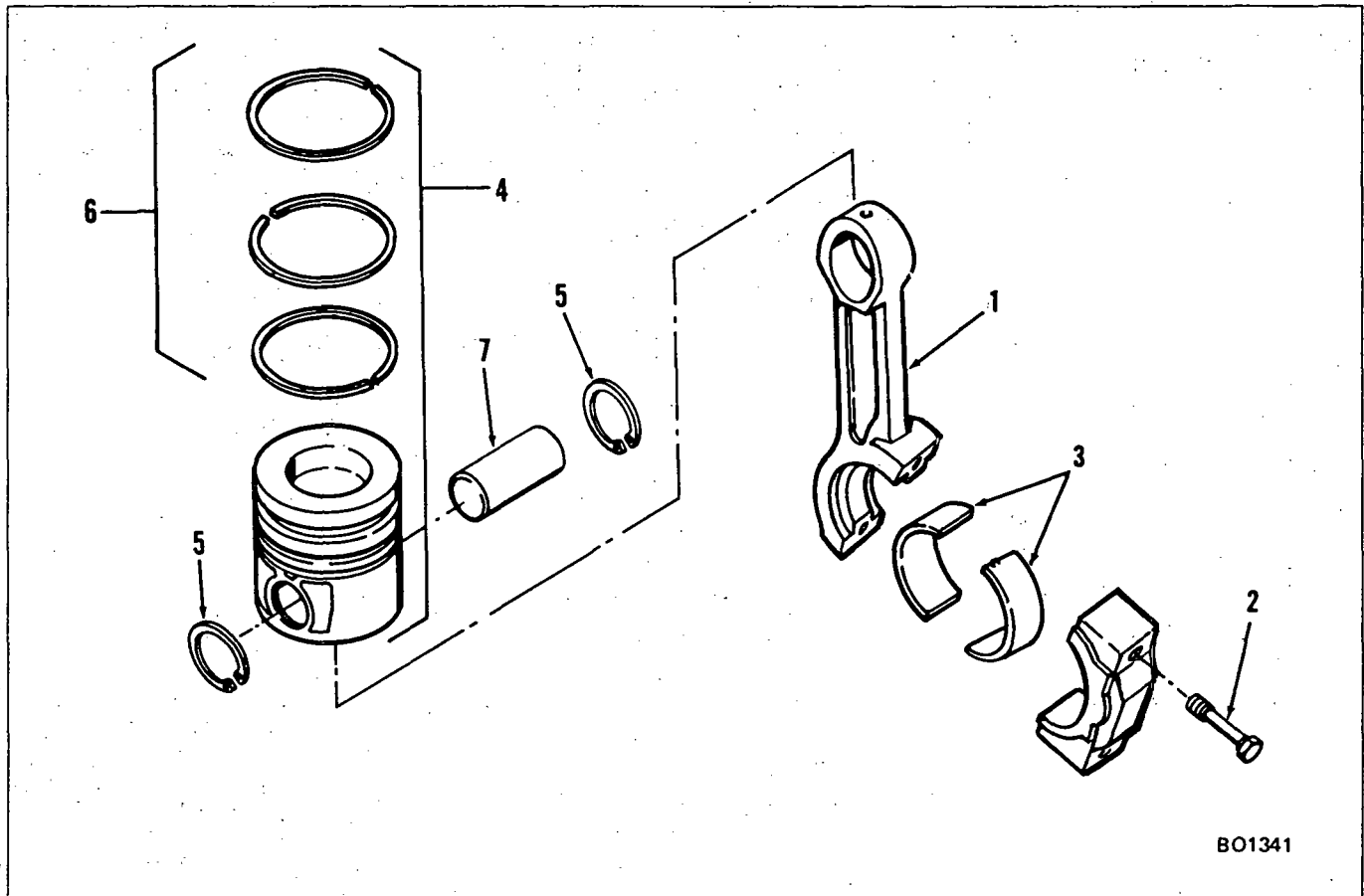
BO1342

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901569	Rod, Eng. Connecting	4	x	x		MJ11-1.25 x 59
2	3900919	Screw, Conn Rod Cap	8	x	x		
3	3901170	Bearing, Rod Half	8	x	x		
4	3802020	Kit, Engine Piston	4	x			
5	3901706	Ring, Retaining	8	x			
6	3802040	Set, Piston Ring	4	x			
7	3901793	Pin, Piston	4	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 01.04 01.05 01.05.02 PISTON, ENGINE, CONNECTING ROD

Part of Option PP592



Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901569	Rod, Engine Connecting	4	x	x		MJ11-1.25 x 59
2	3900919	Screw, Conn Rod Cap	8	x	x		
3	3901170	Bearing, Rod Half	8	x	x		
4	3802030	Kit, Engine Piston	4		x		
5	3901706	Ring, Retaining	8		x		
6	3802050	Set, Piston Ring	4		x		
7	3901793	Pin Piston	4	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 01.05.03

KITS, PISTON SERVICE

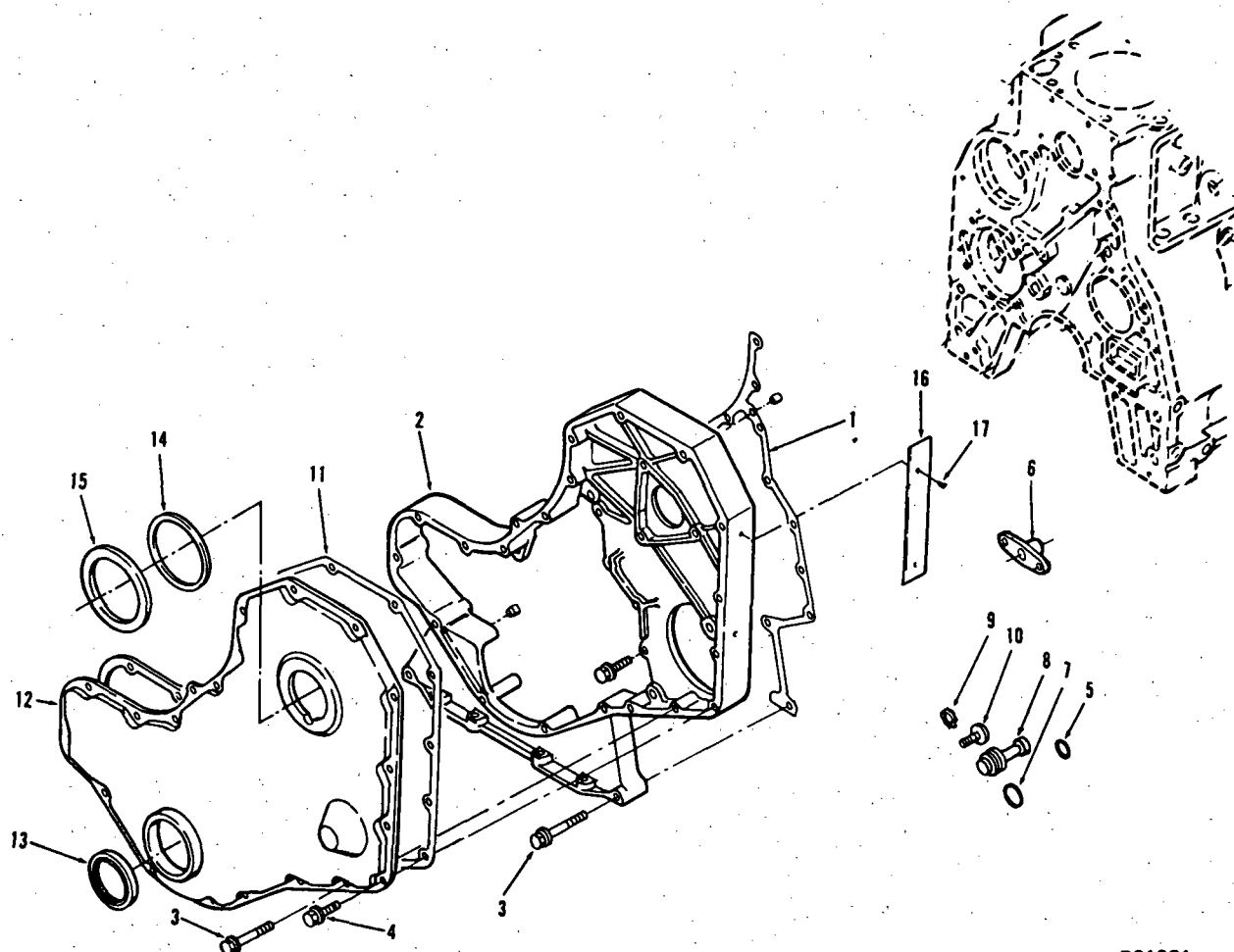
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
							Kit, Piston includes Set, Piston Ring
	3802020	Kit, Piston	4	x			Standard
	3802022	Kit, Piston	4	x			0.5mm Oversize
	3802024	Kit, Piston	4	x			1.0mm Oversize
	3802030	Kit, Piston	4		x		Standard
	3802032	Kit, Piston	4		x		0.5mm Oversize
	3802034	Kit, Piston	4		x		1.0mm Oversize
							Set, Piston Ring include Top, Mid, and Oil Rings
	3802040	Set, Piston Ring	4	x			Standard
	3802042	Set, Piston Ring	4	x			0.5mm Oversize
	3802044	Set, Piston Ring	4	x			1.0mm Oversize
	3802050	Set, Piston Ring	4		x		Standard
	3802052	Set, Piston Ring	4		x		0.5mm Oversize
	3802054	Set, Piston Ring	4		x		1.0mm Oversize

Parts indented are included in the assembly or kit under which they are listed.

Group 01.06 & 01.06.01

COVER, FRONT GEAR

Part of Option BP9702



B01321

Group 01.06 & 01.06.01

COVER, FRONT GEAR

Part of Option BP9702

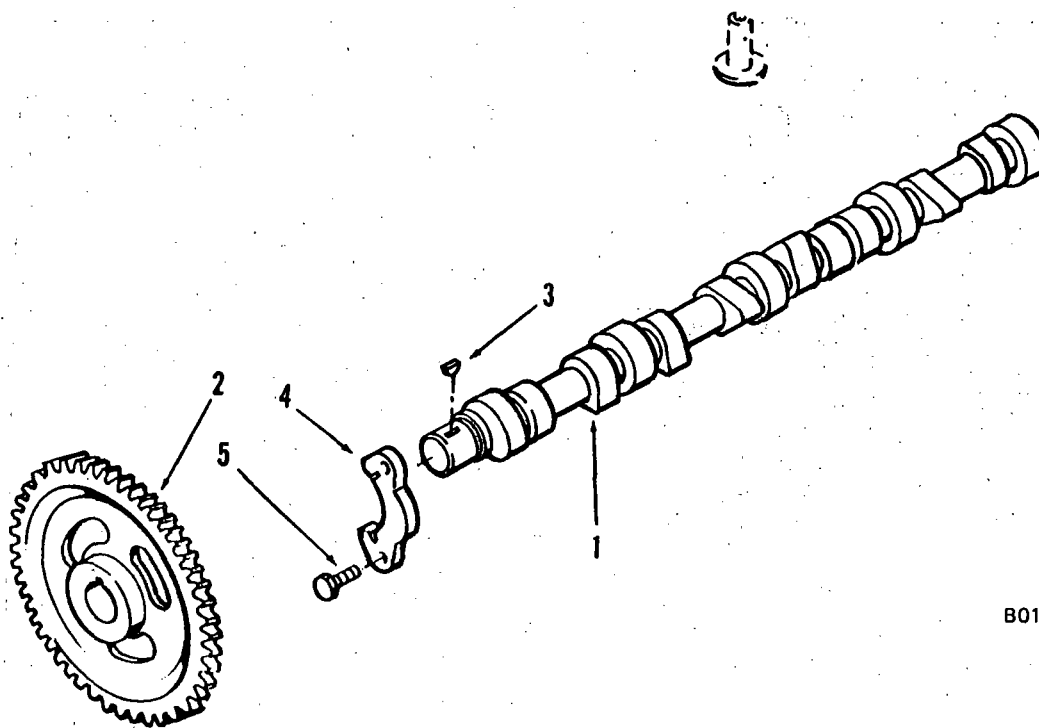
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902364	Gasket, Gear Hsg	1	x	x		.8mm thick
2	3903276	Housing, Gear	1	x	x		
3	3900633	Screw, Hex Head Flg Cap	11	x	x		M8-1.25 x 50
4	3900629	Screw, Hex Head Flg Cap	16	x	x		M8-1.25 x 16
5	3903926	Gasket, Timing Hsg	1	x	x		
6	3904961	Housing, Timing Pin	1	x	x		
7	3903927	O-Ring	1	x	x		
8	3903924	Pin, Timing	1	x	x		
9	3904849	Ring, Retaining	1	x	x		
10	3902630	Screw, Rnd Hed Flg Cap	2	x	x		M5-.8 x17
11	3905143	Gasket, Gear Cover	1	x	x		S/S3904492
12	3903794	Cover, Gear	1	x	x		
13	3904353	Seal, Front Crank Kit	1	x	x		
14	3903475	Seal, Rectangular Cap	1	x	x		
15	3903463	Cap, Front Cover	1	x	x		
16	3903295	Plate, Data (Cummins)	1	x	x		
17	3904411	Fastener, Metal Tack	2	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 01.07

CAMSHAFT & GEAR

Part of Option BP9705



B01025

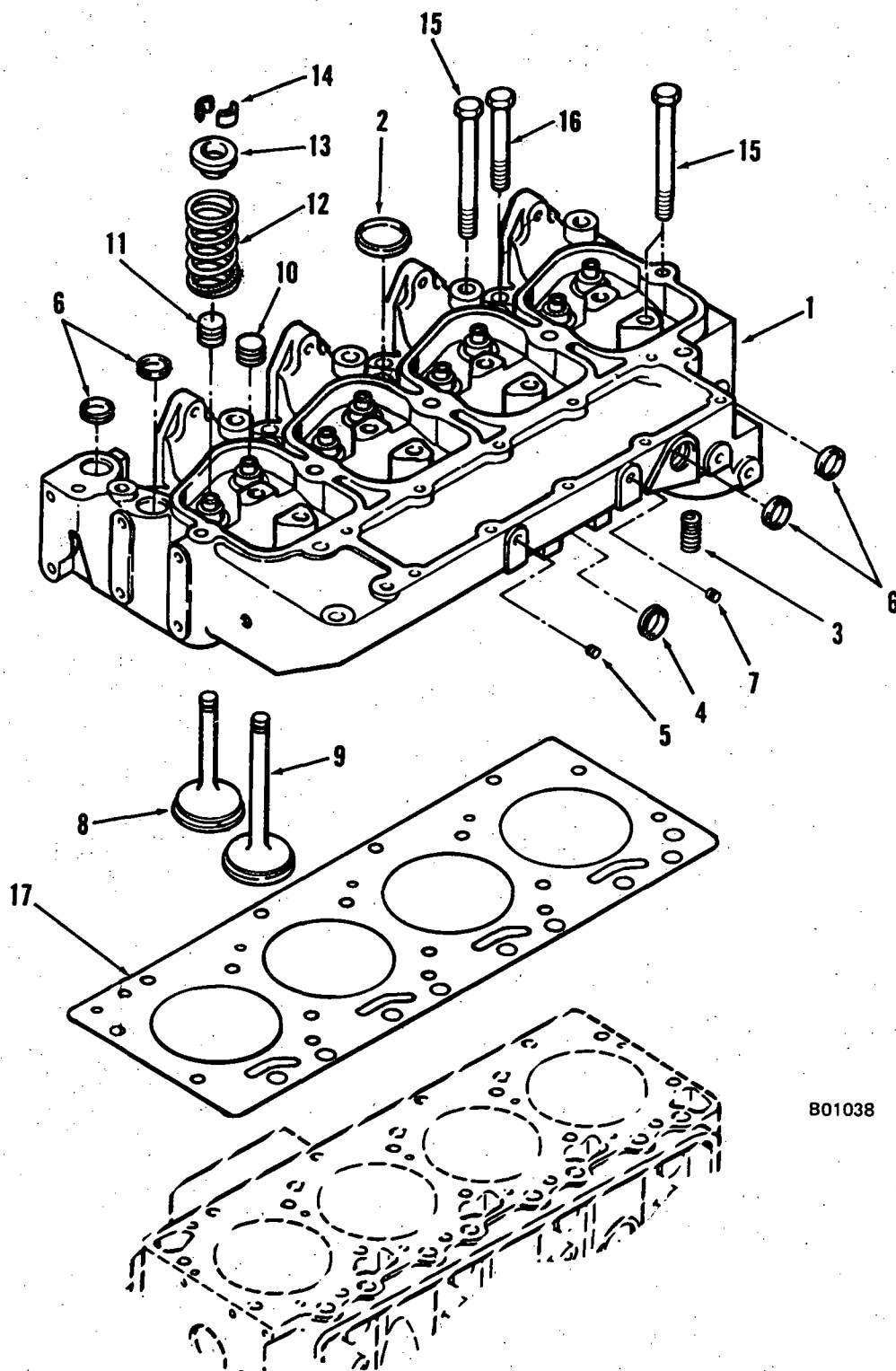
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904220	Camshaft	1	x	x		
2	3902235	Gear, Camshaft	1	x	x		
3	3902332	Key, Plain Woodruff	1	x	x		4.0mm
4	3901761	Support, Cam Thrust	1	x	x		
5	3900620	Screw, Hex Head Cap	2	x	x		M8-1.25 x 20

Parts indented are included in the assembly or kit under which they are listed.

Group 02.01

HEAD, CYLINDER

Part of Option PP591 & PP592



B01038

Group 02.01

HEAD, CYLINDER

Part of Option PP591 & PP592

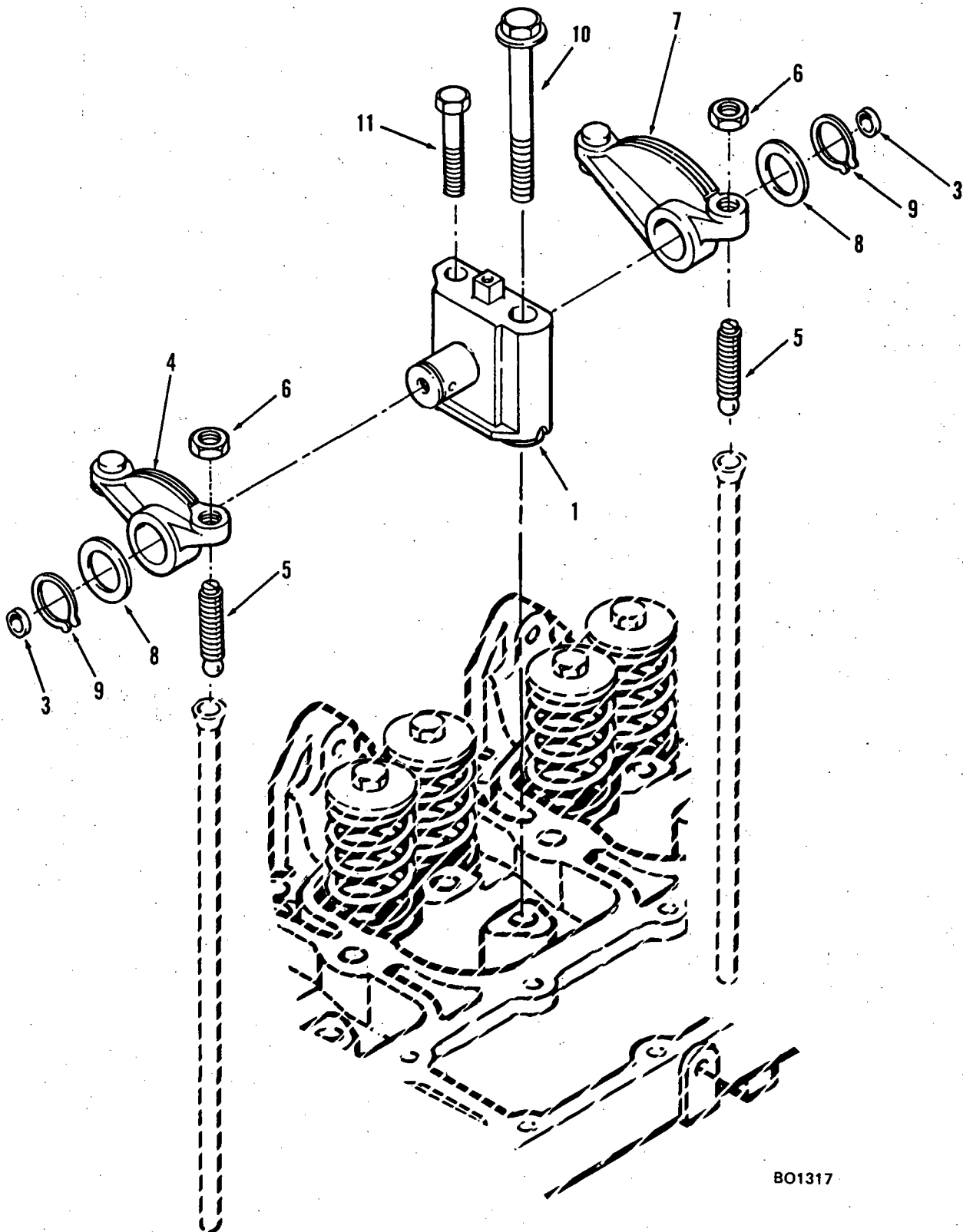
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903919	Ass'y, Cylinder Head		x	x		
2	3902606	Plug, Expansion	3	x	x		20.64mm (.81")
3	3903835	Adapter, Fuel Filter	1	x	x		
4	3902425	Washer, Sealing	1	x	x		22.20mm I.D.
5	3902424	Plug, Threaded	1	x	x		M22-1.5 x 14
6	3008468	Cup, Pipe	4	x	x		.50"NPTF
7	3008465	Plug, Pipe	2	x	x		.125"NPTF
8	3802005	Valve, Intake Kit	4	x	x		
14	3900250	Collet, Valve	8	x	x		
9	3802006	Valve, Exhaust Kit	4	x	x		
14	3900250	Collet, Valve	8	x	x		
10	3901097	Seal, Valve	4	x	x		
11	3901097	Seal, Valve	4	x	x		
12	3900276	Spring, Valve	8	x	x		
13	3900299	Retainer, Valve Spr.	8	x	x		
15	3903939	Screw, Hex Head Cap	10	x	x		M12-1.75 x 120
16	3903938	Screw, Hex Head Cap	4	x	x		M12-1.75 x 70
	3802005	Valve, Intake Kit	1	x	x		
	3900250	Collet, Valve Half	2	x	x		
	3802006	Valve, Exhaust Kit	1	x	x		
	3900250	Collet, Valve Half	2	x	x		
17	3905025	Gasket, Cylinder Head	1	x	x		Standard, See Upper Engine Gasket Sets See Page 167

Parts indented are included in the assembly or kit under which they are listed.

Group 03.01

LEVER, ROCKER

Option BP9704



BO1317

Group 03.01

LEVER, ROCKER

Option BP9704

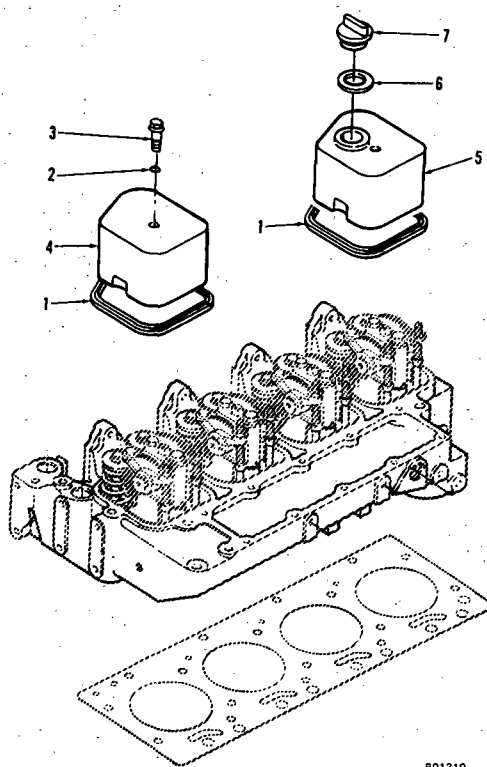
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902582 3902583	Support, rdShaft Rocker Assy. Support, Rk Shaft, Rk Lvr	4 4 4	4 x x	x x x	x	
3	203933	Plug, Expansion	8	x	x		.25" dia.
4	3900540	Lever, Rocker Intake	4	x	x		
5	3900706	Screw, Rkr Adj	4	x	x		
6	S-276	Nut, Adjusting	4	x	x		
7	3900539	Lever, Rocker Exhaust	4	x	x		
5	3900706	Screw, Rkr Adj	4	x	x		
6	S-276	Nut, Adjusting	4	x	x		
8	3900245	Washer, Thrust	8	x	x		
9	3900242	Ring, Retaining	8	x	x		
10	3901221	Screw, Hex Head Cap	4	x	x		M8-1.25 x 75
11	209868	Washer	4	x	x		
12	3903940	Screw, Hex Head Cap	4	x	x		M12-1.75 x 180

Parts indented are included in the assembly or kit under which they are listed.

Group 03.01.01

COVER, VALVE

Option VC9001



.801319

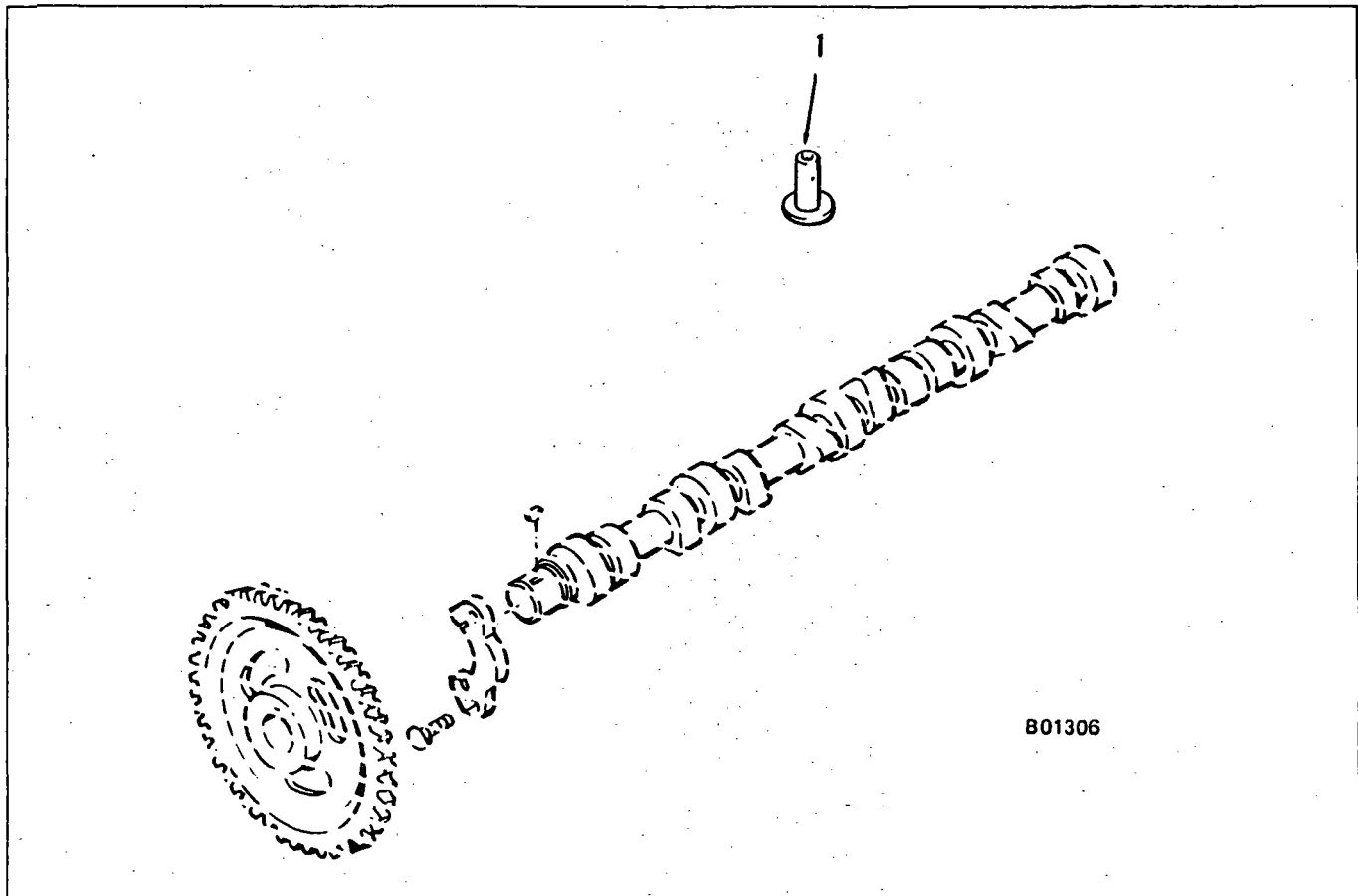
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902666	Gasket, Rocker Lvr Cover	4	x	x		M8-1.25 x 25.5
2	3901837	O-Ring	4	x	x		
3	3902375	Screw, Hex Head Flg Cap	4	x	x		
4	3902604	Cover, Rocker Lever	3	x	x		
5	3902605	Cover, Rocker Lever	1	x	x		
6	3902363	Seal, Oil Fill Cap	1	x	x		
7	3901895	Cap, Oil Fill	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 04.01

TAPPET

Part of Option BP9705



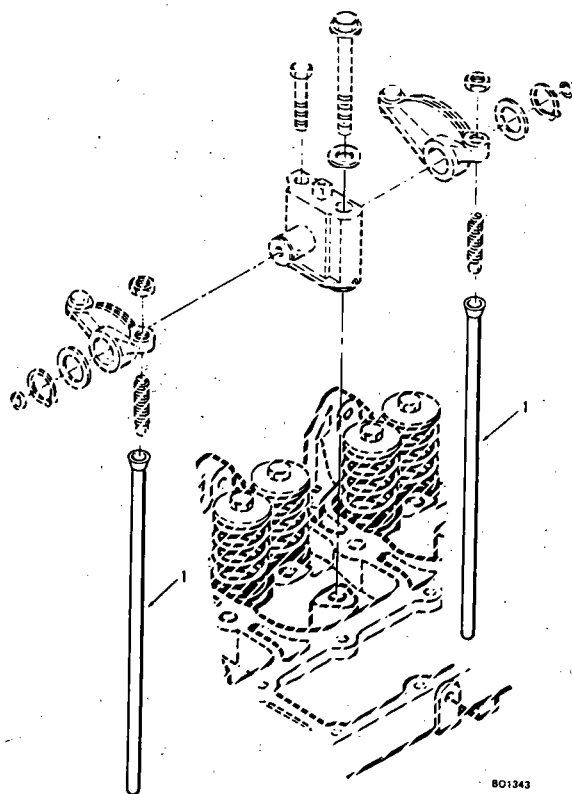
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901787	Tappet	8	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 04.02

PUSH ROD

Part of Option BP9704



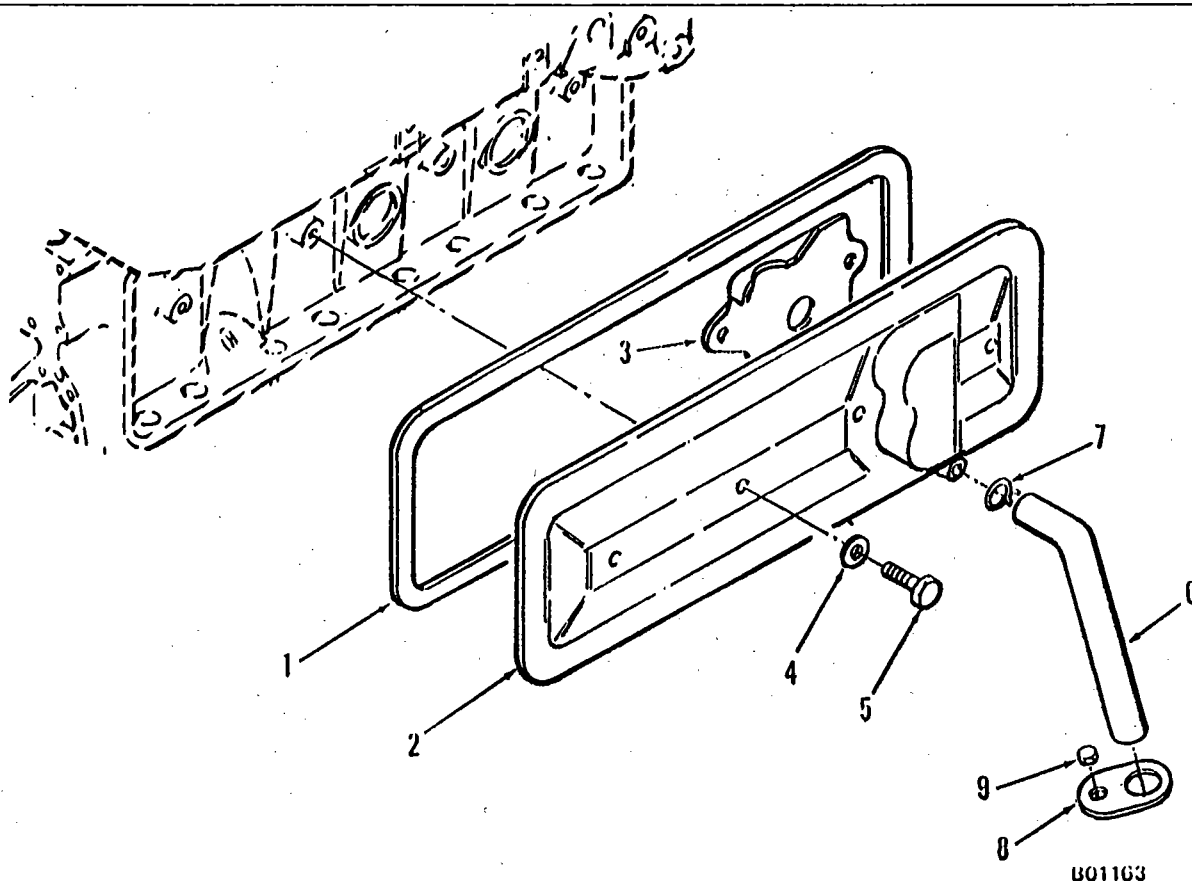
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904679	Push, Rod	8	x	x	x	S/S3904364

Parts indented are included in the assembly or kit under which they are listed.

Group 04.03 & 04.03.01

COVER, TAPPET

Option CM9001



U01163

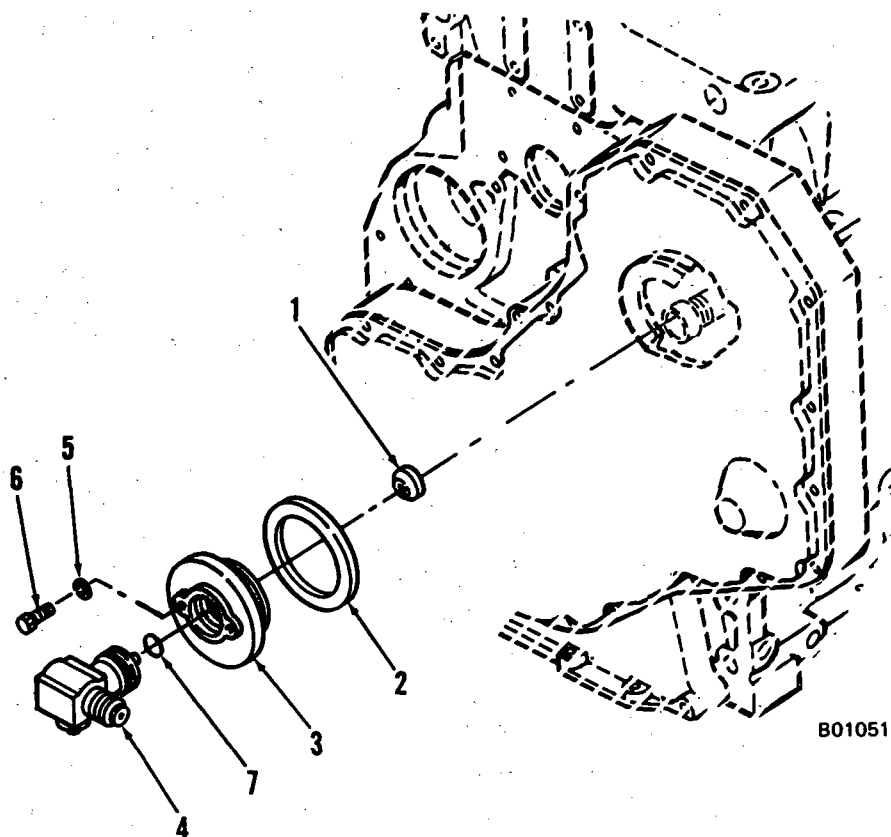
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903837	Gasket, Push Tube Cover	1	x	x		M8-1.25 x 20
2	3905023	Cover, Push Tube	1	x	x		
3	3902403	Baffle	1	x	x		
4	3900267	Seal, Capscrew	4	x	x		
5	3900620	Screw, Hex Head Cap	4	x	x		
6	3904229	Hose, Plain	1	x	x		
7	3904230	Clamp, Spring Hose	1	x	x		
8	3904231	Clip	1	x	x		
9	3904232	Nut, Spring	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 05.04

DRIVE, TACHOMETER

Option DF9010



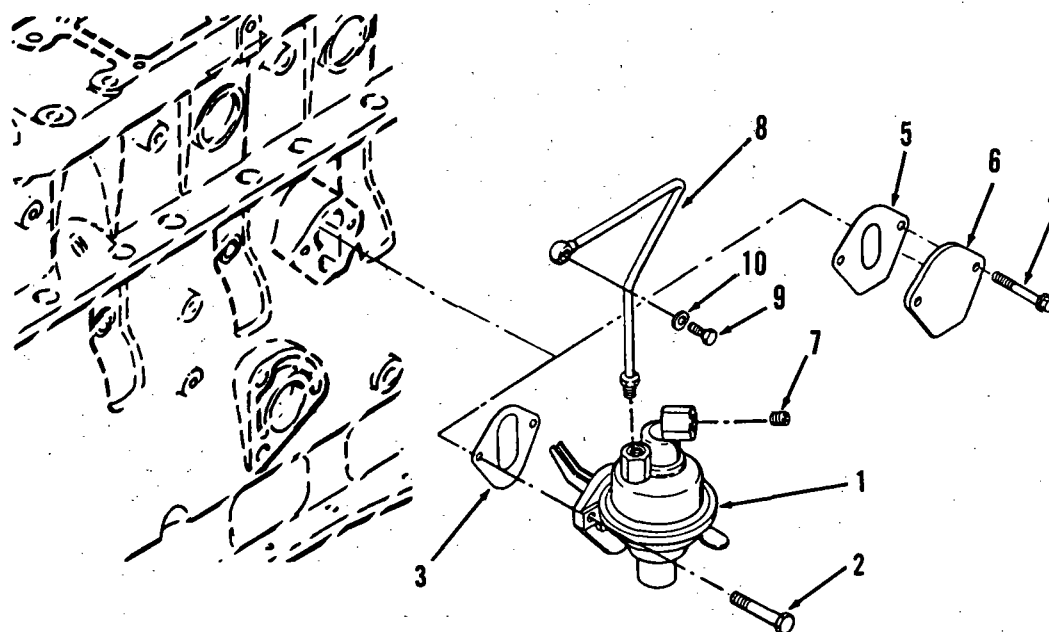
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3905309	Drive, Tachometer	1	x	x	x	
1	3905306	Coupling, Tach Drive	1	x	x	x	
2	3903475	Seal, Rectangular Ring	1	x	x	x	
3	3903476	Adapter, Tach Drive	1	x	x	x	
4	3905217	Drive, Right Angle Tach	1	x	x	x	
5	3903644	Retainer, Tach Drive	2	x	x	x	
6	3027685	Screw, Hex Head Cap	2	x	x	x	
7	3905218	Seal, O-Ring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 05.19

PUMP, LIFT AND SUPPLY TUBE

Option See Below



B01415

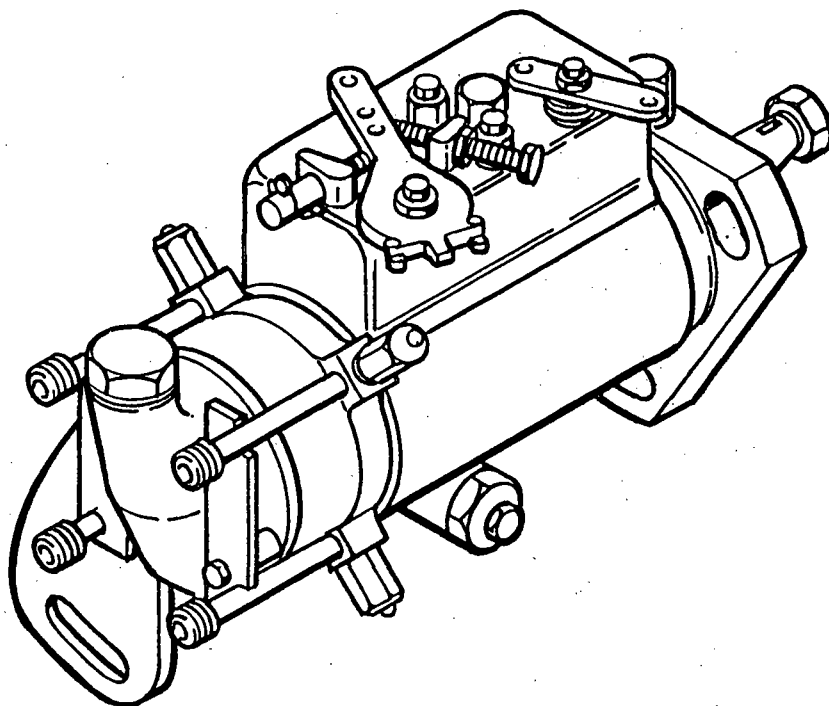
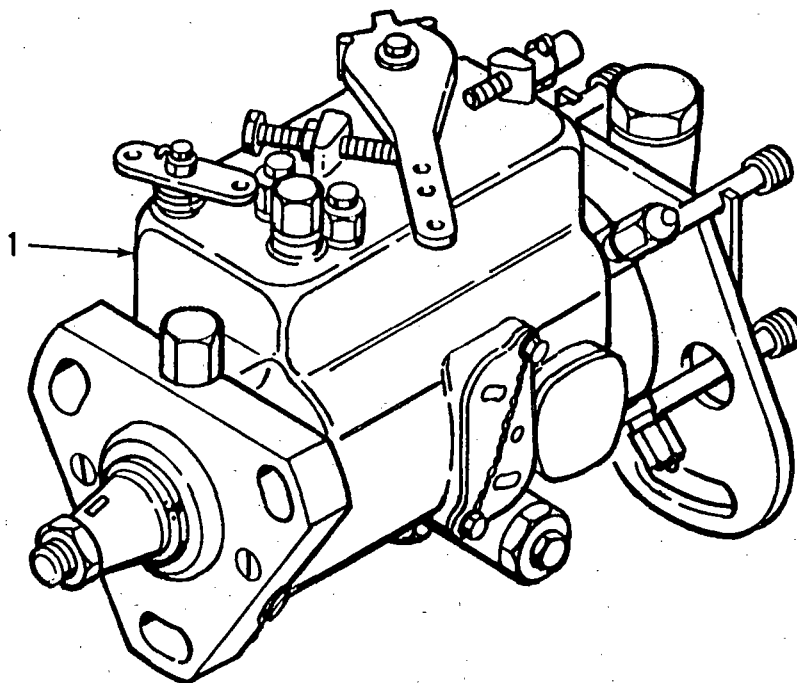
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904374	Option FS9002	1	x	x	x	
2	3900631	Pump, Lift	2	x	x	x	
3	3904044	Screw, Hex Head Flg Cap	1	x	x	x	
		Gasket, Cover Plate					
4	3900630	Option FS9000	2	x	x	x	
5	3904044	Screw, Hexagon Head Cap	1	x	x	x	
6	3904046	Gasket, Cover Plate	1	x	x	x	
7	S-910-B	Plate, Cover	1	x	x	x	
8	3905649	Plug Pipe	1	x	x	x	
9	3903035	Tube, Fuel Supply	1	x	x	x	
		Screw, Banjo Connector	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 05.20

PUMP, INJECTION CAV-DPA

Option See Remarks



B01219

Group 05.20

PUMP, INJECTION CAV-DPA

Option See Remarks

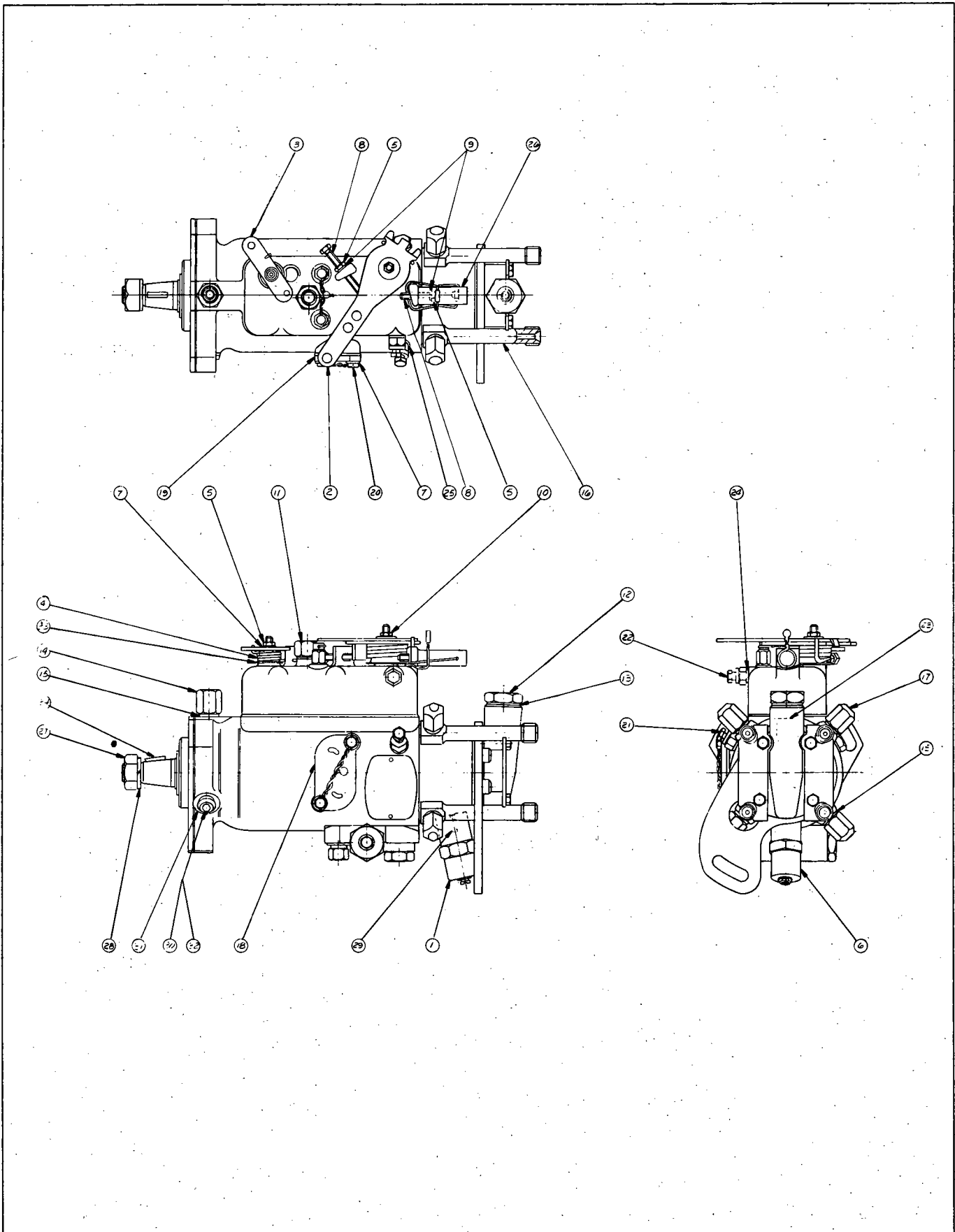
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903050	Pump, Injection 12 v Solenoid	1	x			FR9009 FV9001 76 HP @ 2500 184 ft-lbs 1200
1	3903334	Pump, Injection 12 V Soleniod	1	x			FR9014 FV9001 73 HP @ 2300 184 ft-lbs 1200
1	3903335	Pump, Injection 12 V Solenoid	1	x			FR9012 FV9001 71 HP @ 2200 184 ft-lbs 1200
1	3903336	Pump, Injection 12 V Solenoid	1	x			FR9059 FV9001 61 HP @ 1800 Gen Set
1	3903337	Pump, Injection 12 V Soleniod	1	x			FR9713 FV9001 52 HP @ 1500 Gen Set
1	3903338	Pump, Injection 12 V Soleniod	1	x			FR9013 FV9001 64 HP @ 2200 Continuous Duty
1	3903049	Pump, Injection 12 V Soleniod	1	x			FR9010 FV9001 67 HP @ 2200 184 ft-lbs 1200

Parts indented are included in the assembly or kit under which they are listed.

Group 05.20

PUMP, INJECTION CAV-DPA

Option See Remarks



Group 05.20

CAV DPA SERVICE PARTS

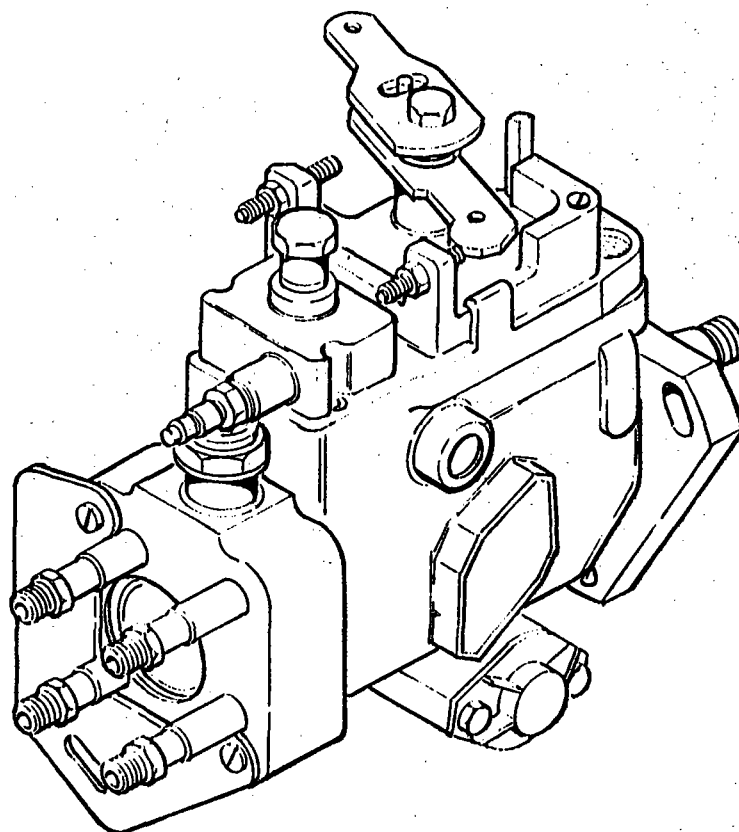
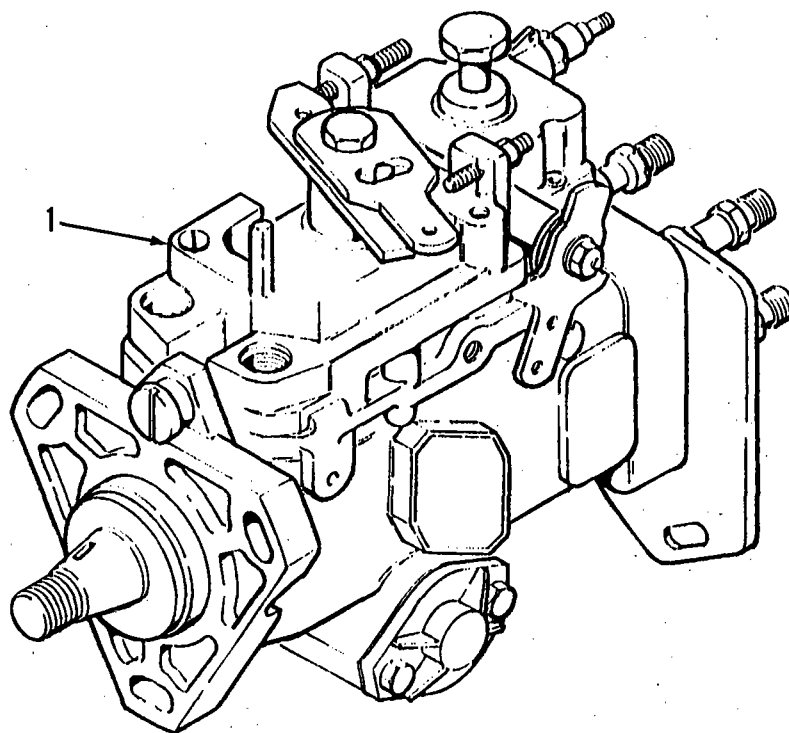
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905125	Kit, Soleniod 24V	1	x			
1	3904630	Kit, Soleniod 12V	1	x			
2	3904631	Kit, Throttle Lever	1	x			
3	3904632	Lever, Shut Off	1	x			
4	3904633	Spring, Shut Off	1	x			
5	3904634	Locknut	1	x			
6	3904635	O-ring	1	x			
7	3904636	Washer	1	x			
8	3904637	Screw, Idle Set	1	x			
9	3904638	Washer, Flat	1	x			
10	3904639	Nut, Self Locking	1	x			
11	3904640	Orifice Bleed	1	x			
12	3904641	Fitting, INlet	1	x			
13	3904642	Washer, Copper Inlet	1	x			
14	3904643	Fitting, Return	1	x			
15	3904644	Washer, Sealing	1	x			
16	3904645	Fitting, Banjo	4	x			
17	3904646	Bolt, Banjo	1	x			
18	3904647	Cover, Inspection	1	x			
19	3904648	Gasket, Cover	1	x			
20	3904649	Bolt, Cover	2	x			
21	3904650	Assembly, Screw	2	x			
22	3904651	Assemble, Screw	1	x			
23	3904652	Filter, Inlet	1	x			
24	3904653	Washer, Vent Screw	1	x			
25	3904654	Washer, Copper	1	x			
26	3904655	Cap, Sealing	1	x			
27	S-203-A	Nut, Regular Hexagon Jam	1	x			
28	S-609	Washer, Lock	1	x			
29	3904777	Spring, Soleniod	1	x			
30	3904778	Screw, Cap (Locked Timing)	1	x			
31	3904779	Washer (Locked Timing)	1	x			
32	3904780	Seal (Locked Timing)	1	x			
33	3904781	Guide Sping	1	x			
34	3902332	Key, Plain Woodruff	1	x			4.0mm

Parts indented are included in the assembly or kit under which they are listed.

Group 05.21

PUMP, INJECTION BOSCH VE

Option See Remarks



BO1221

Group 05.21

PUMP, INJECTION BOSCH VE

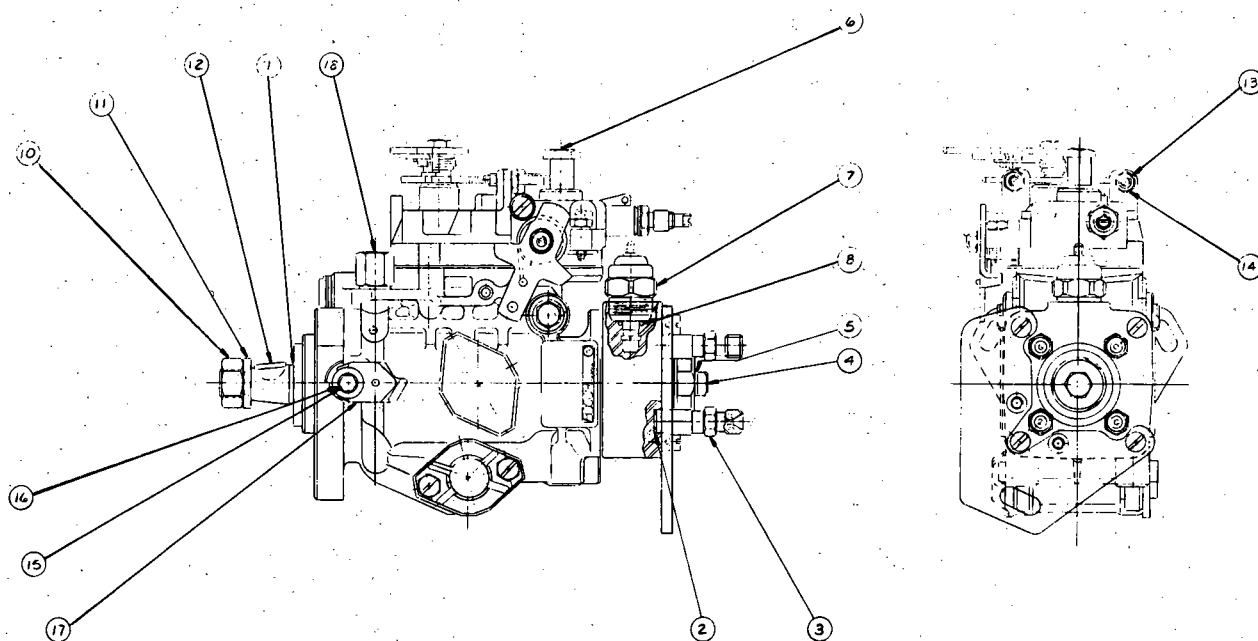
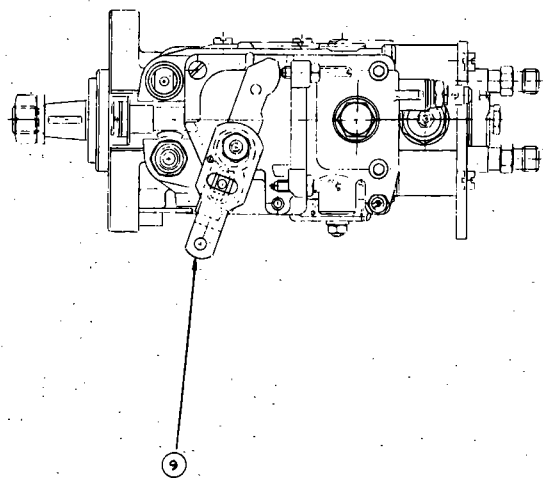
Option See Remarks

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903354	Pump, Injection 12 V Soleniod	1		x		FR9017 FV9001 100HP @ 2500 250 lbs-ft @ 1500
1	3903355	Pump, Injection 12 V Solenoid	1		x		FR9067 FV9001 96HP @ 2300 250 lbs-ft @ 1500
1	3903356	Pump, Injection 12 V Solenoid	1		x		FR9020 FV9001 94HP @ 2200 250 lbs-ft @ 1500
1	3903357	Pump, Injection 12 V Solenoid	1		x		FR9060 FV9001 92HP @ 2100 250 lbs-ft @ 1500
1	3903360	Pump, Injection 12 V Solenoid	1		x		FR9069 FV9001 80HP @ 2200 Continuous Duty
1	3903590	Pump, Injection 12 V Solenoid	1		x		FV9001 70HP @ 2100 187 lbs-ft @ 1500
1	3904532	Pump, Injection 24 V Solenoid	1		x		FV9002 70HP @ 2100 187 lbs-ft @ 1500

Parts indented are included in the assembly or kit under which they are listed.

Group 05.21

BOSCH VE PUMP SERVICE PARTS



Group 05.21

BOSCH VE PUMP SERVICE PARTS

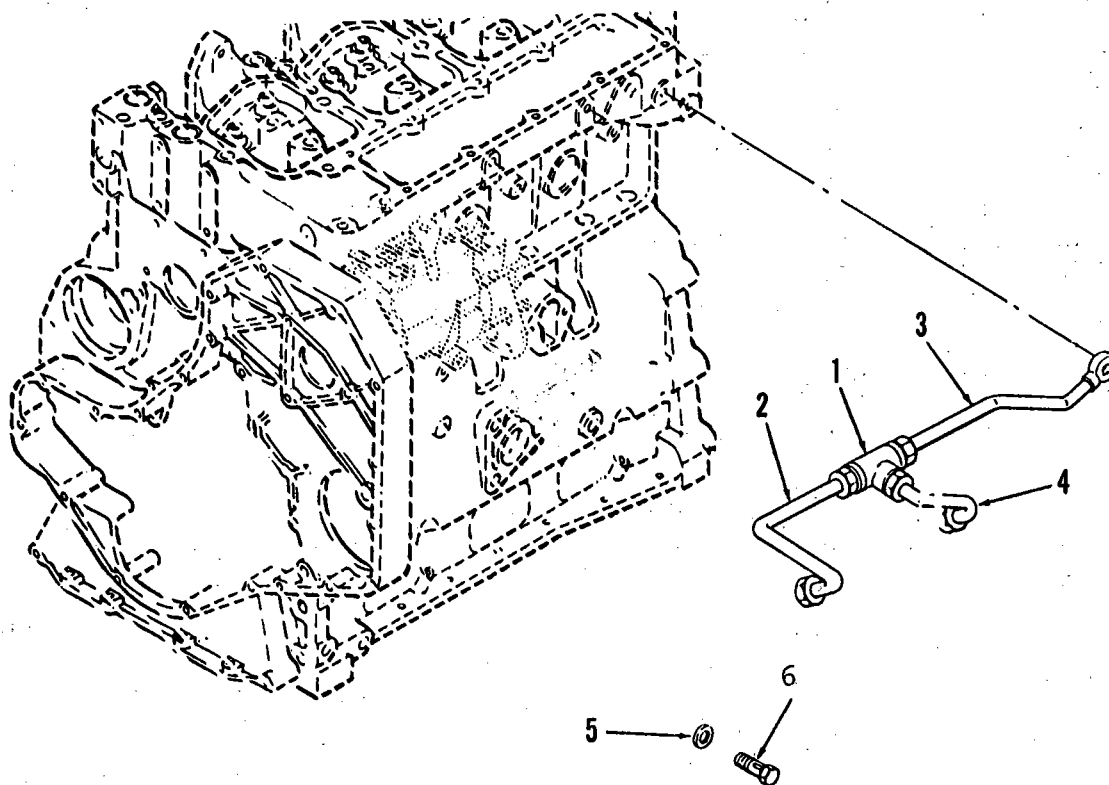
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903569	Seal, Shaft	1	x	x		
2	3903570	Gasket, Del Valve	4	x	x		
3	3903571	Fitting, Del Valve	4	x	x		
4	3903572	Screw, Vent	1	x	x		
5	3903573	Gasket, Vent Screw	1	x	x		
6	3905465	Screw, Banjo Connector	1	x	x		
7	3903575	Kit, Solenoid 12V	1	x	x		
7	3903576	Kit, Solenoid 24V	1	x	x		
8	3903577	O-Ring	1	x	x		
9	3904628	Lever, Contorl	1	x	x		
10	3738	Nut, Regular Hexagon	1	x	x		
11	S-609	Washer Lock	1	x	x		
12	2332	Key, Plain Woodruff	1	x	x		
13	3904782	Screw, Low Idle Stop	1	x	x		
14	3904783	Nut, Idle Screw Hexagon	1	x	x		
15	3904784	Screw, Timing Lock	1	x	x		
16	3904785	O-Ring Timing Lock	1	x	x		
17	3904786	Plate, Timing Lock	1	x	x		
18	3903382	Adaper, Tube	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 06.03

TUBE, FUEL SUPPLY

Part of Option FF9701 & FF9702



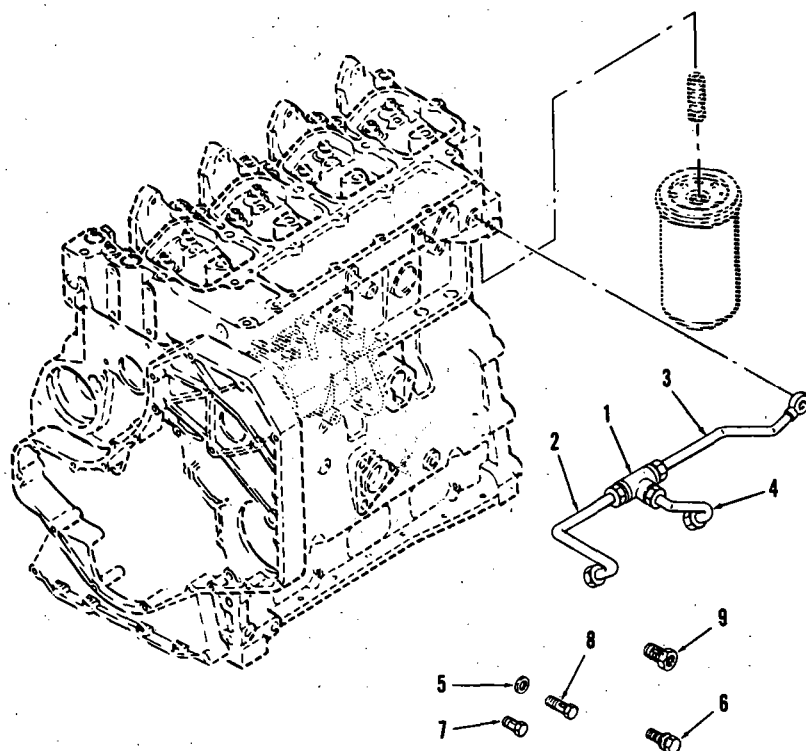
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3905432	Tube, Fuel Supply	1	x			C.A.V. PUMP
1	3905353	Tee, Male Union	1	x			
2	3905363	Tube, Fuel Supply	1	x			
3	3905364	Tube, Fuel Supply	1	x			
4	3905375	Tube, Fuel Supply	1	x			
5	S-2329	Washer, Plain	2	x			
6	3905860	Screw, Banjo Conn	1	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 06.03

TUBE, FUEL SUPPLY

Part of Option FF9703



801250

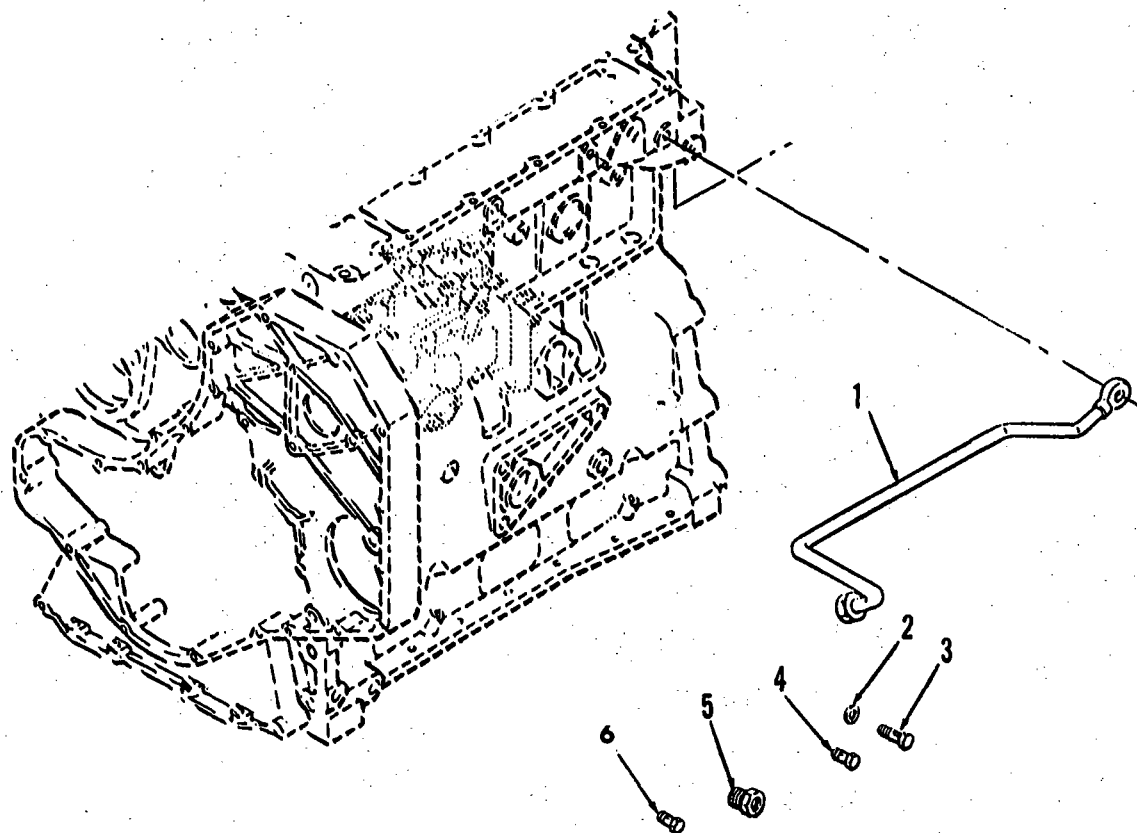
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3905432	Tube, Fuel Supply	1	x			C.A.V. Pump
1	3905353	Tee, Male Union	1	x			
2	3905363	Tube, Fuel Supply	1	x			
3	3905364	Tube, Fuel Supply	1	x			
4	3905375	Tube, Fuel Supply	1	x			
5	S-2329	Washer, Plain	5	x			
6	3905403	Screw, Captive Washer	1	x			
7	3905860	Screw, Banjo Conn	1	x			
8	3903315	Connector Banjo	1	x			
9	3903035	Screw, Banjo Conn	1	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 06.03

TUBE, FUEL SUPPLY

PART OF Option FF9704



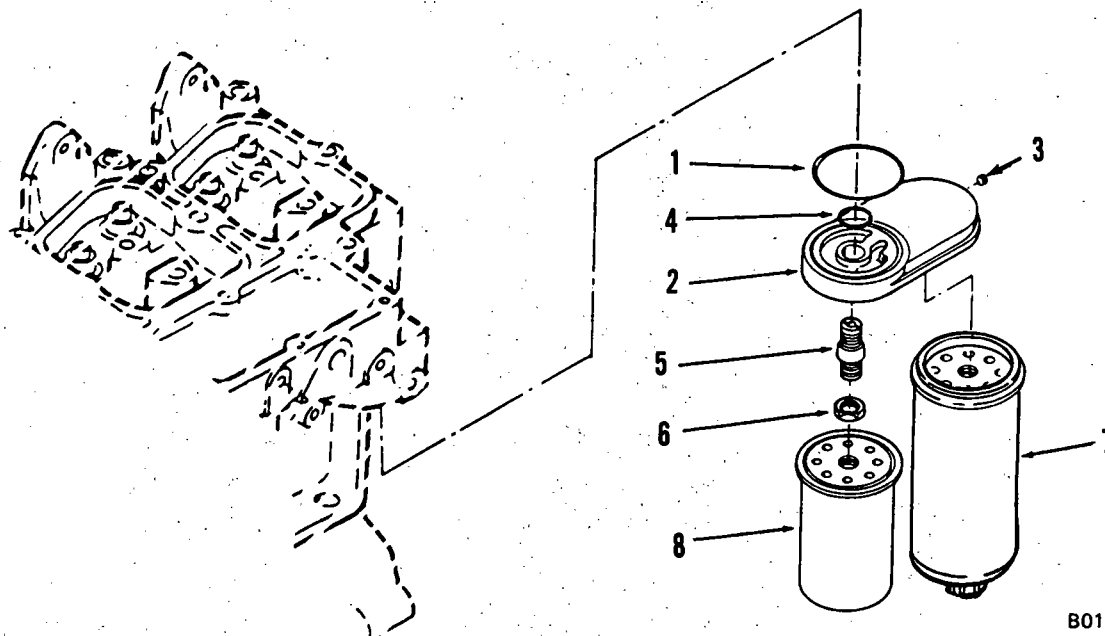
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905433	Tube, Fuel Supply	1			x	Bosch Pump
2	S-2339	Washer, Plain	5			x	
3	3903035	Screw, Banjo Conn	1			x	
4	3903315	Connector, BANjo	1			x	
5	3903382	Adapter, Tube	1			x	
6	3905860	Screw, Banjo Conn	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 06.04

FILTER, FUEL

Option FF9001



B01117

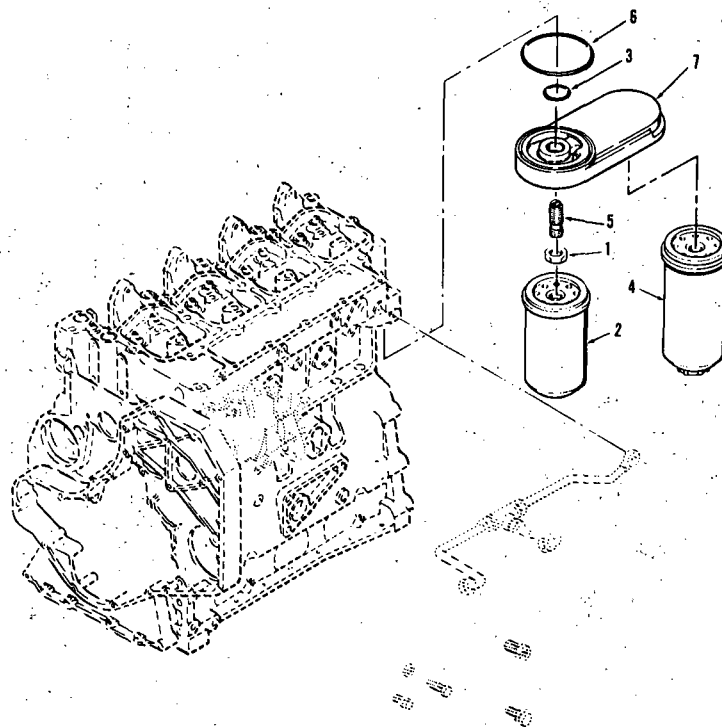
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903546	O-Ring	1	x	x		
2	3903824	Head, Dual Fuel Filter	1	x	x		
3	203933	Pipe, Plug	1	x	x		
4	3903846	O-Ring	1	x	x		
5	3903845	Adapter Fuel, Filter	1	x	x		M16-1.5 x 31
6	3903293	Nut, Hex	1	x	x		M16 x 8mm
7	3903640	Filter, Fuel	1	x	x		FF-5018
8	3903410	Filter, Fuel	1	x	x		FF-5038

Parts indented are included in the assembly or kit under which they are listed.

Group 06.04

FILTER, FUEL

Part of Option FF9701



001313

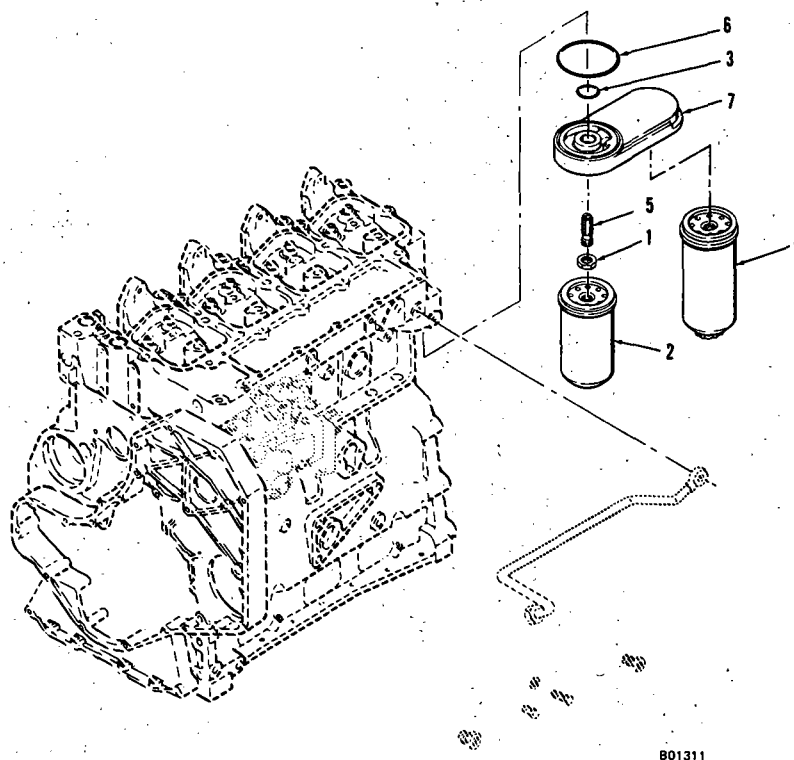
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903293	Nut, Regular Hexagon	1	x	x		M16 x 8mm
2	3903410	Filter, Fuel	1	x	x		FF-5038
3	3903546	Seal, O-Ring	1	x	x		
4	3903640	Filter, Fuel	1	x	x		FF-5018
5	3903845	Adapter, Filter Head	1	x	x		M16-1.5 x 52.25
6	3903846	Seal, O-Ring	1	x	x		
7	3904362	Head, Fuel Filter	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 06.04

FILTER, FUEL

PART OF Option FF9702



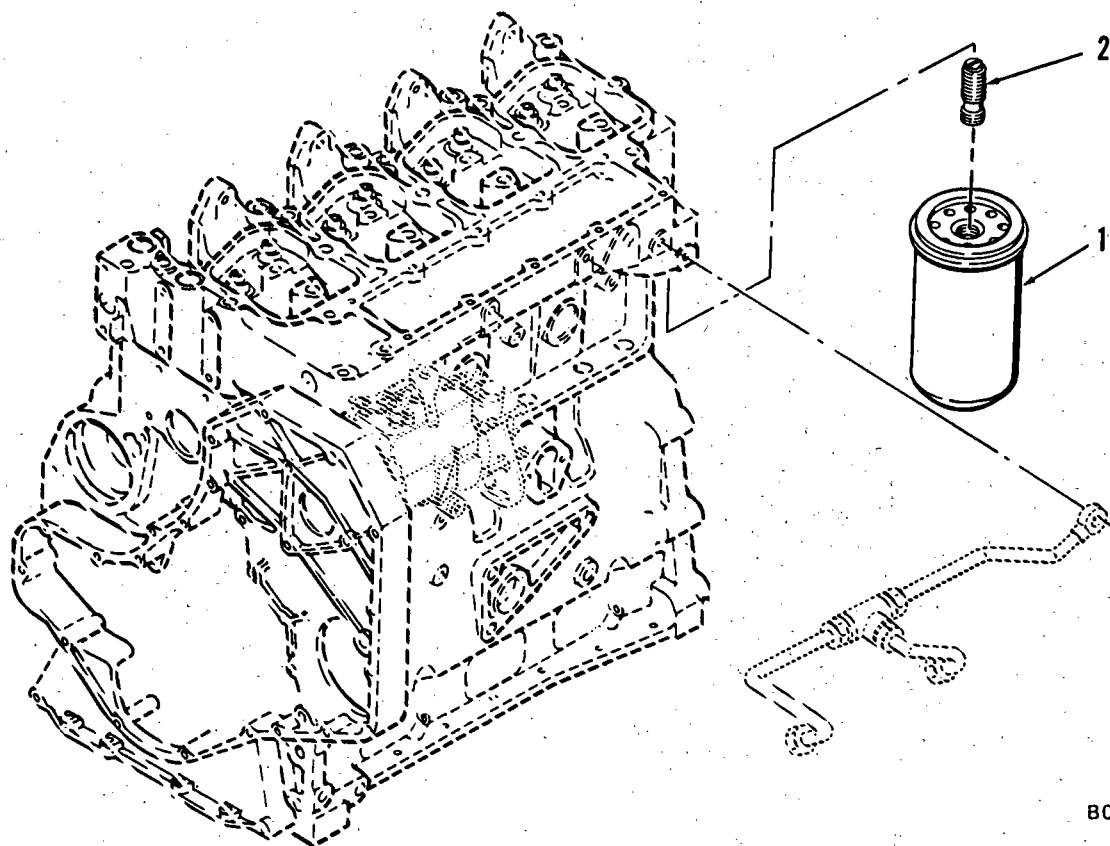
Ref No	Part Number	Part Name	Req	Eng Asp N/A T/C T/A			Remarks
1	3903293	Nut, Regular Hexagon	1			x	BOSCH PUMP
2	3903410	Filter, Fuel	1			x	M16 x 18mm
3	3903546	Seal, O-Ring	1			x	FS-1221
4	3903640	Filter, Fuel	1			x	FF-5018
5	3903845	Adapter, Filter Head	1			x	
6	3903846	Seal, O-Ring	1			x	
7	3904362	Head, Fuel Filter	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 06.04

filter, fuel

Part of Option FF9703



B01312

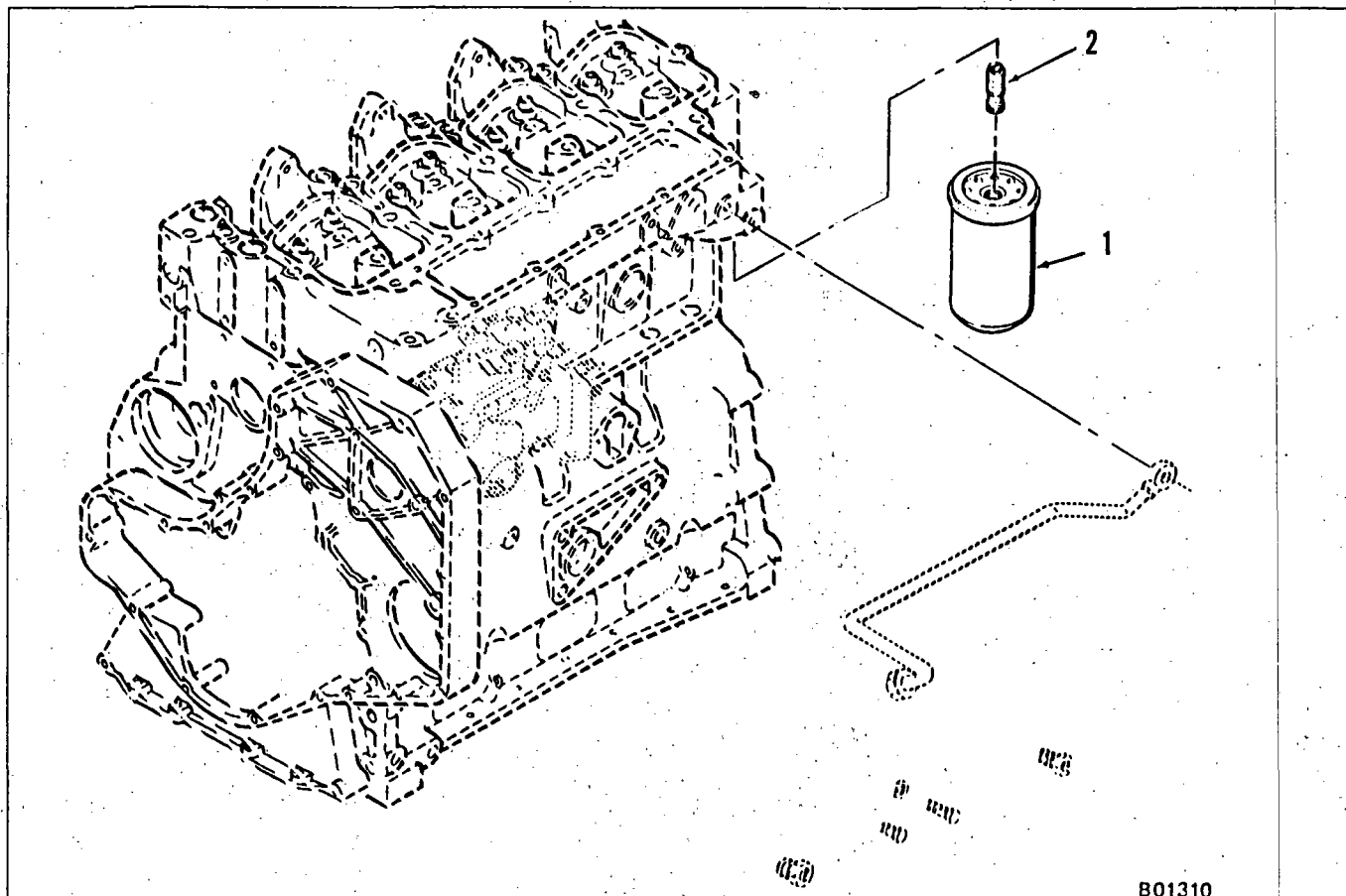
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903202	Filter, Fuel	1	x	x	x	FS-1221
2	3903845	Adapter, Filter Head	1	x	x	x	M16-1.5 x 31.0

Parts indented are included in the assembly or kit under which they are listed.

Group 06.04

FILTER, FUEL

PART OF Option FF9704



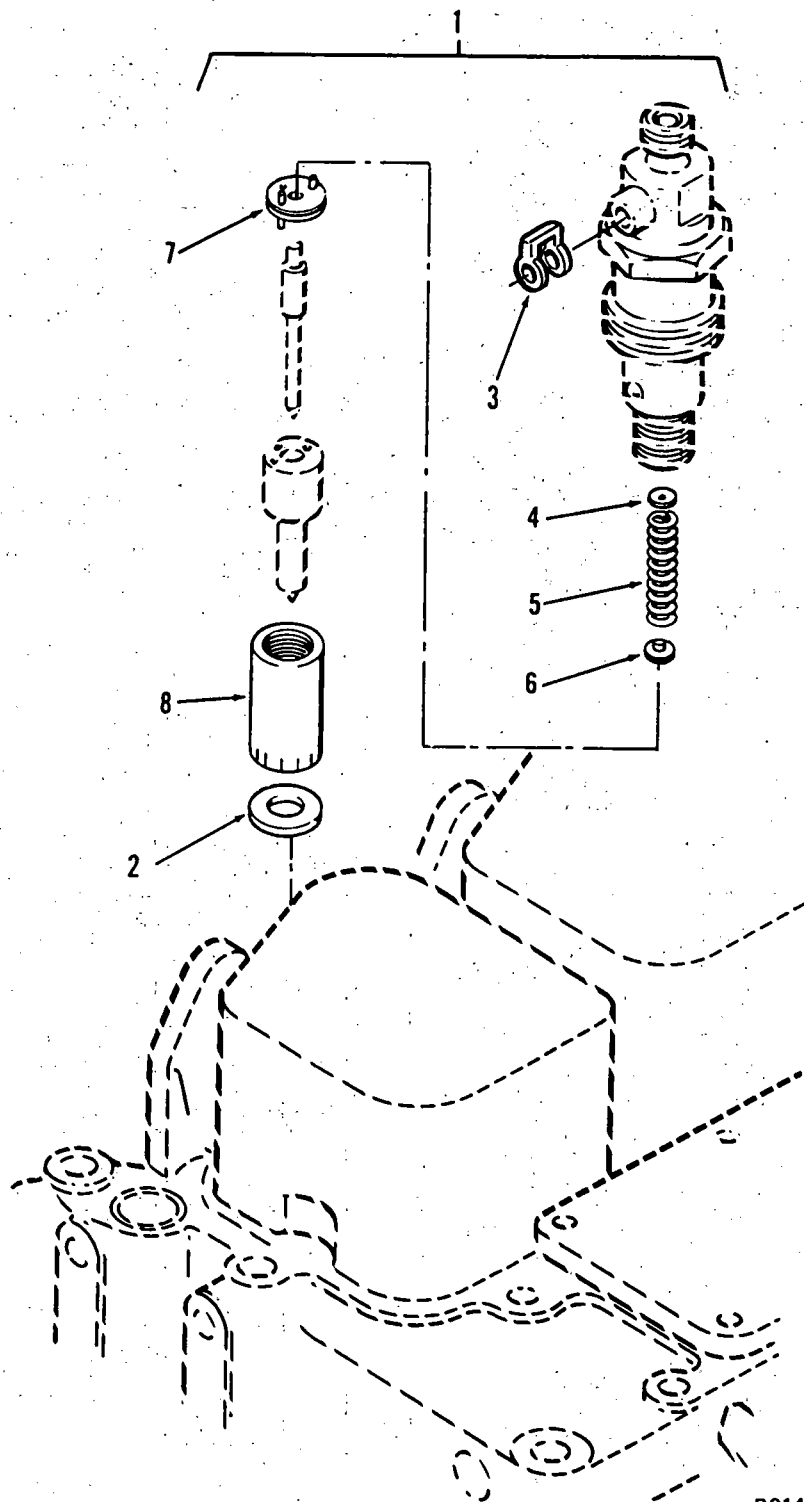
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903202	Filter, Fuel	1			x	FS-1221
2	3903845	Adapter, Filter Head	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 06.07

INJECTOR, FUEL

Option SEE REMARKS



B01411

Group 06.07

INJECTOR, FUEL

Option SEE REMARKS

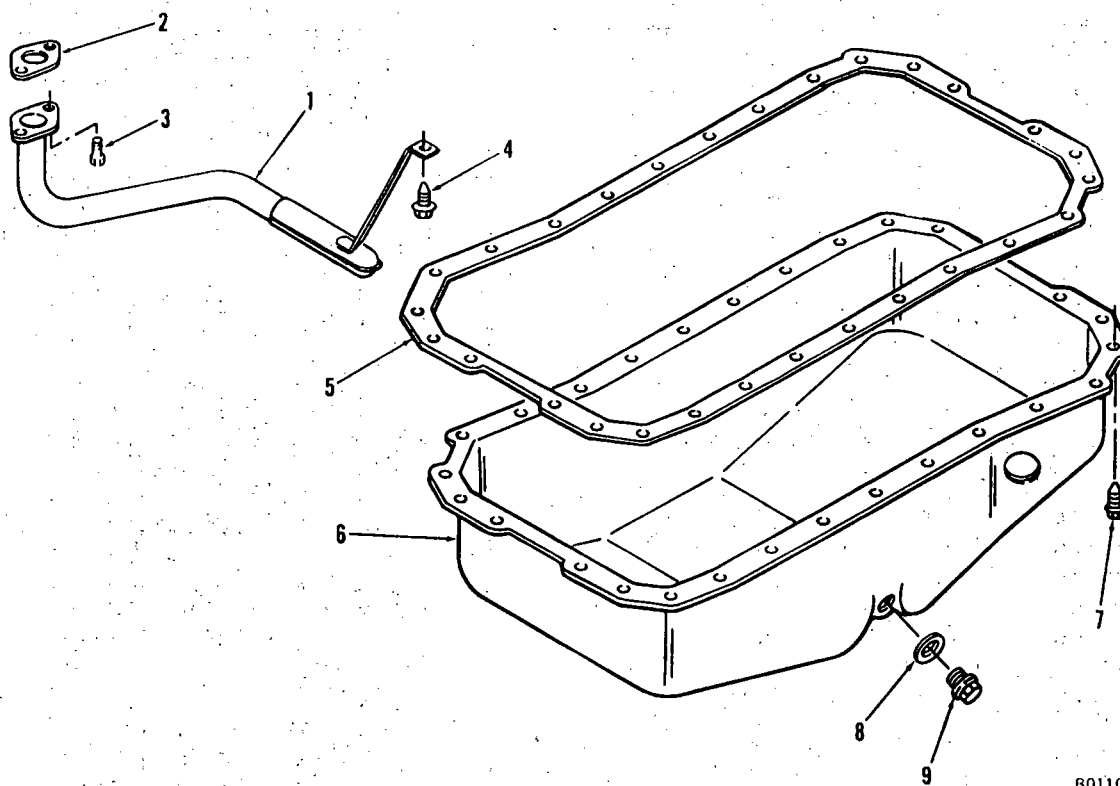
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3802008	Injector, Fuel Kit	4		x		PP592
2	3900808	Seal, Injector	4		x		
3	3903380	Washer, Sealing	4		x		
1	3802009	Injector, Fuel Kit	4	x	x		PP591 & PP646
2	3900808	Seal, Injector	4	x	x		PP646 Applicable only
3	3903380	Washer, Sealing	4	x	x		to Turbocharged Gen Set
4	3905156	Shim	1	x	x	x	1.00mm Thick
4	3905157	Shim	1	x	x	x	1.04mm Thick
4	3905158	Shim	1	x	x	x	1.08mm Thick
4	3905159	Shim	1	x	x	x	1.10mm Thick
4	3905160	Shim	1	x	x	x	1.14mm Thick
4	3905161	Shim	1	x	x	x	1.18mm Thick
4	3905162	Shim	1	x	x	x	1.20mm Thick
4	3905163	Shim	1	x	x	x	1.24mm Thick
4	3905164	Shim	1	x	x	x	1.28mm Thick
4	3905165	Shim	1	x	x	x	1.30mm Thick
4	3905166	Shim	1	x	x	x	1.34mm Thick
4	3905167	Shim	1	x	x	x	1.38mm Thick
4	3905168	Shim	1	x	x	x	1.40mm Thick
4	3905169	Shim	1	x	x	x	1.44mm Thick
4	3905170	Shim	1	x	x	x	1.48mm Thick
4	3905171	Shim	1	x	x	x	1.50mm Thick
4	3905172	Shim	1	x	x	x	1.54mm Thick
4	3905173	Shim	1	x	x	x	1.54mm Thick
4	3905174	Shim	1	x	x	x	1.60mm Thick
4	3905174	Shim	1	x	x	x	1.64mm Thick
4	3905176	Shim	1	x	x	x	1.68mm Thick
4	3905177	Shim	1	x	x	x	1.70mm Thick
4	3905178	Shim	1	x	x	x	1.74mm Thick
4	3905179	Shim	1	x	x	x	1.76mm Thick
4	3905180	Shim	1	x	x	x	1.78mm Thick
4	3905181	Shim	1	x	x	x	1.80mm Thick
4	3905182	Shim	1	x	x	x	1.84mm Thick
4	3905183	Shim	1	x	x	x	1.88mm Thick
4	3905184	Shim	1	x	x	x	1.90mm Thick
4	3905185	Shim	1	x	x	x	1.94mm Thick
4	3905186	Shim	1	x	x	x	1.98mm Thick
5	3905152	Spring, Compressor	1	x	x	x	
6	3905153	Spindle	1	x	x	x	
7	3905154	Dics, Intermediate	1	x	x	x	
8	3905155	Retainer, Inj. Nozzle	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 07.01,07.01.01

OIL PAN, CENTER SUMP

Option OP9002



601103

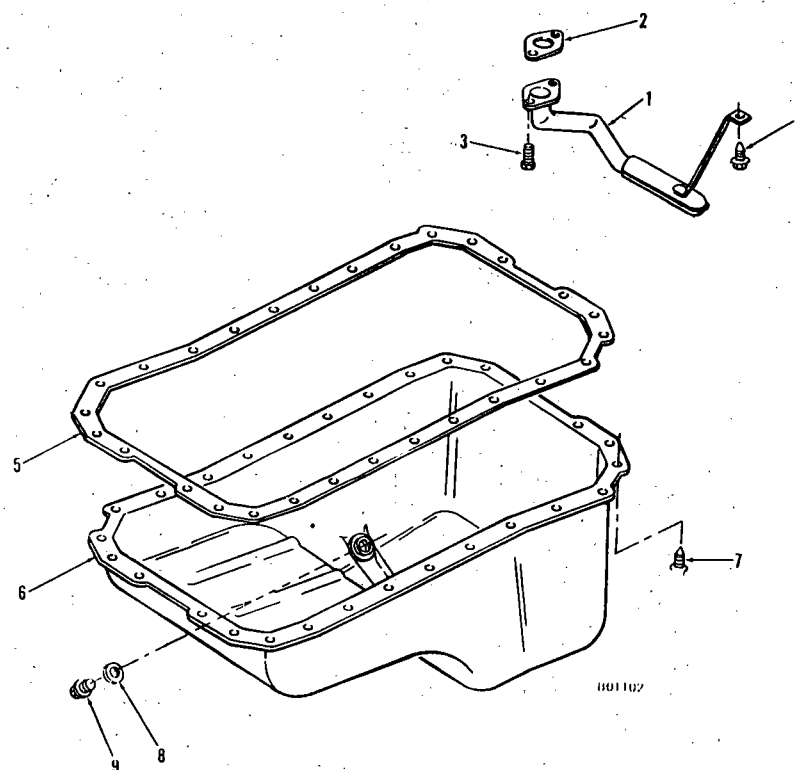
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905223	Tube, Lub Oil Suction	1	x	x	x	S/S3901228
2	3905468	Gasket, Suction Tube	1	x	x	x	S/S3900454
3	3900225	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 16
4	3901235	Screw, Hex Head Flg Cap	1	x	x	x	M8-1.25 x 12
5	3903393	Gasket, Oil Pan	1	x	x	x	
6	3901227	Pan, Oil Center	1	x	x	x	
7	3901755	Screw, Hex Head Flg Cap	28	x	x	x	M8-1.25 x 12
8	3902425	Washer, Sealing	1	x	x	x	
9	3904386	Plug, Threaded	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 07.01,07.01.01

OIL PAN, FRONT SUMP

Option OP9003



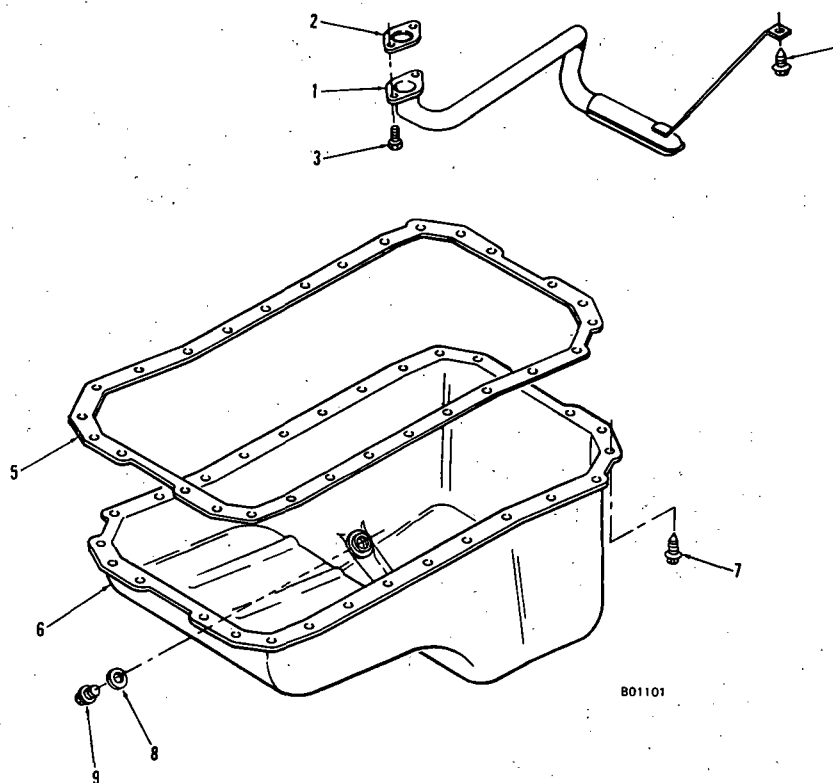
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901208	Tube, Lub Oil Suction	1	x	x	x	
2	3905468	Gasket, Suction Tube	1	x	x	x	S/S3900454
3	3900225	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 16
4	3901235	Screw, Hex Head Flg Cap	1	x	x	x	M8-1.25 x 12
5	3903393	Gasket, Oil Pan	1	x	x	x	
6	3901049	Pan, Oil Front	1	x	x	x	
7	3901755	Screw, Hex Head Flg Cap	28	x	x	x	M8-1.25 x 12
8	3900216	Washer, Sealing	1	x	x	x	
9	3900215	Plug, Oil Pan Drain	1	x	x	x	M18 x 1.5 x 12

Parts indented are included in the assembly or kit under which they are listed.

Group 07.01,07.01.01

OIL PAN, REAR SUMP

Option OP9004



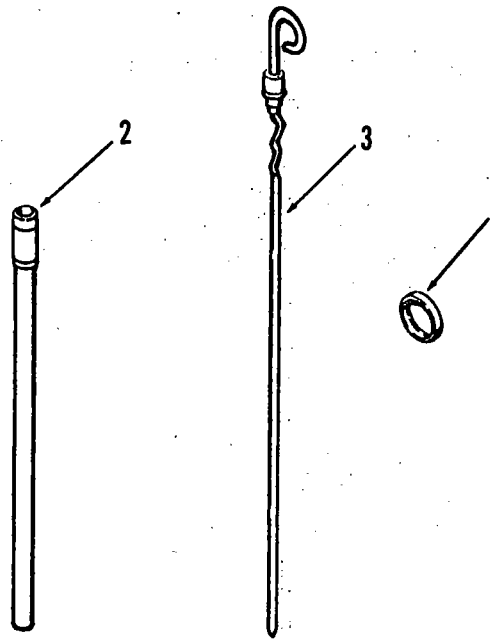
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901229	Tube, Lub Oil Suction	1	x	x	x	
2	3905468	Gasket, Suction Tube	1	x	x	x	S/S3900454
3	3900225	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 16
4	3901235	Screw, Hex Head Flg Cap	1	x	x	x	M8-1.25 x 12
5	3903393	Gasket, Oil Pan	1	x	x	x	
6	3901049	Pan, Oil Front	1	x	x	x	
7	3901755	Screw, Hex Head Flg Cap	28	x	x	x	M8-1.25 x 12
8	3900216	Washer, Sealing	1	x	x	x	1.5mm thk 18.40mm I.D.
9	3900215	Plug, Oil Pan Drain	1	x	x	x	M18 x 1.5 x 12

Parts indented are included in the assembly or kit under which they are listed.

Group 07.02

GAUGE, OIL LEVEL

Option See Below



BO1226

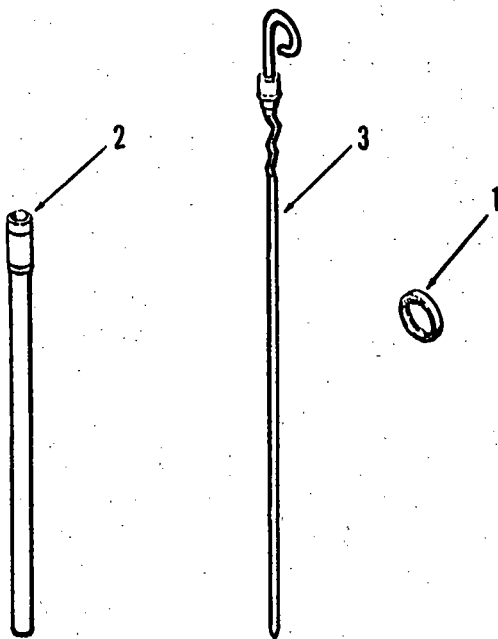
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905368	Plug, Expansion	2		x	x	Option LG9034 All Sump
1	3900955	Plug, Expansion	1		x	x	Option LG9039 Center Sump
3	3905779	Tube, Oil Gauge	1		x	x	
1	3900955	Plug, Expansion	1		x	x	Option LG9043 Center Sump
2	3905778	Tube, Oil Gauge	1		x	x	
3	3905783	Dipstick	1		x	x	
1	3900955	Plug, Expansion	1	x	x		Option LG9053 Center Sump
2	3905425	Tube, Oil Gauge	1	x	x		
3	3904294	Dipstick	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 07.02

GAUGE, OIL LEVEL

Option See Below



DD1226

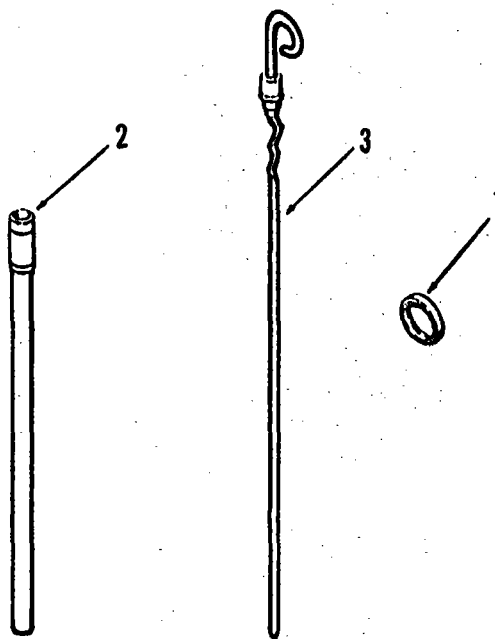
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900955	Plug, Expansion	1	x	x		Option LG9054 Center Sump
2	3905425	Tube, Oil Gauge	1	x	x		
3	3905783	Dipstick	1	x	x		
1	3900955	Plug, Expansion	1	x	x		Option LG9055 Center Sump
2	3905425	Tube, Oil Gauge	1	x	x		
3	3905783	Dipstick	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 07.02

GAUGE, OIL LEVEL

Option See Below



UO1226

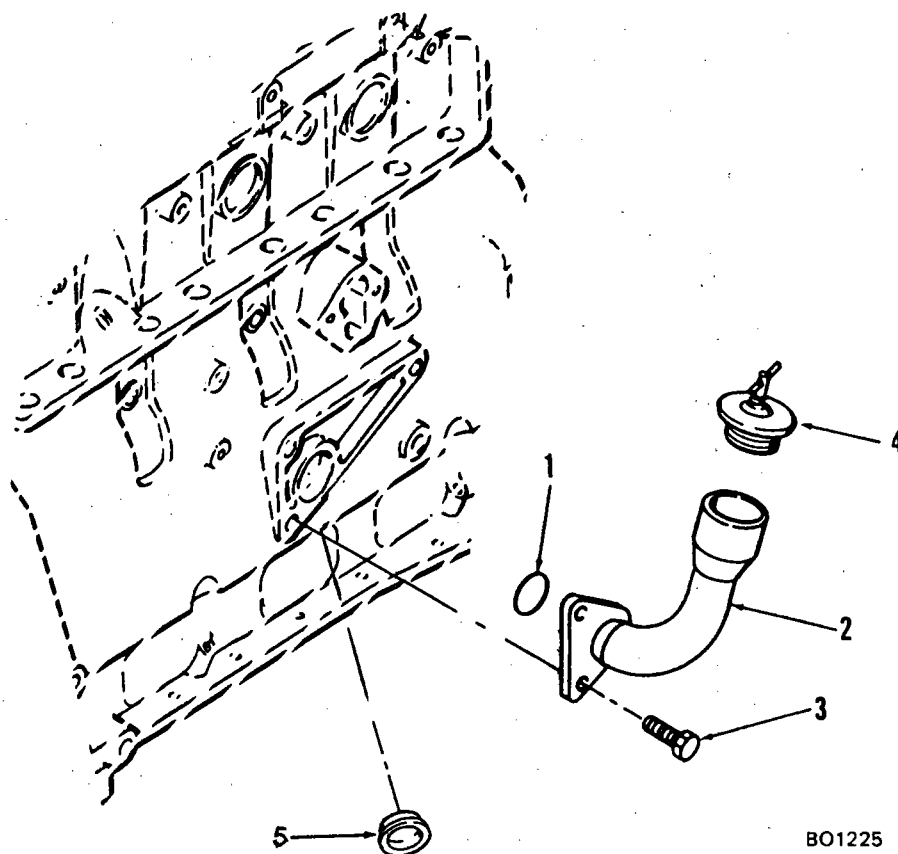
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900955	Plug, Expansion	1	x			Option LG9061 Front & Rear Sump
2	3905779	Tube, Oil Gauge	1	x			
3	3905781	Dipstick	1	x			
1	3900955	Plug, Expansion	1	x	x		Option LG9050 Front & Rear Sump
2	3905778	Tube, Oil Gauge	1	x	x		
3	3905780	Dipstick	1	x	x		
1	3900955	Plug, Expansion	1	x	x		Option LG9051 Front & Rear Sump
2	3905425	Tube, Oil Gauge	1	x	x		
3	3905782	Dipstick	1	x	x		
1	3900955	Plug, Expansion	1	x	x		Option LG9052 Front & Rear Sump
2	3905779	Tube, Oil Gauge	1	x	x		
3	3905780	Dipstick	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 07.02.01

COVER, CYLINDER BLOCK

Option See Below



BO1225

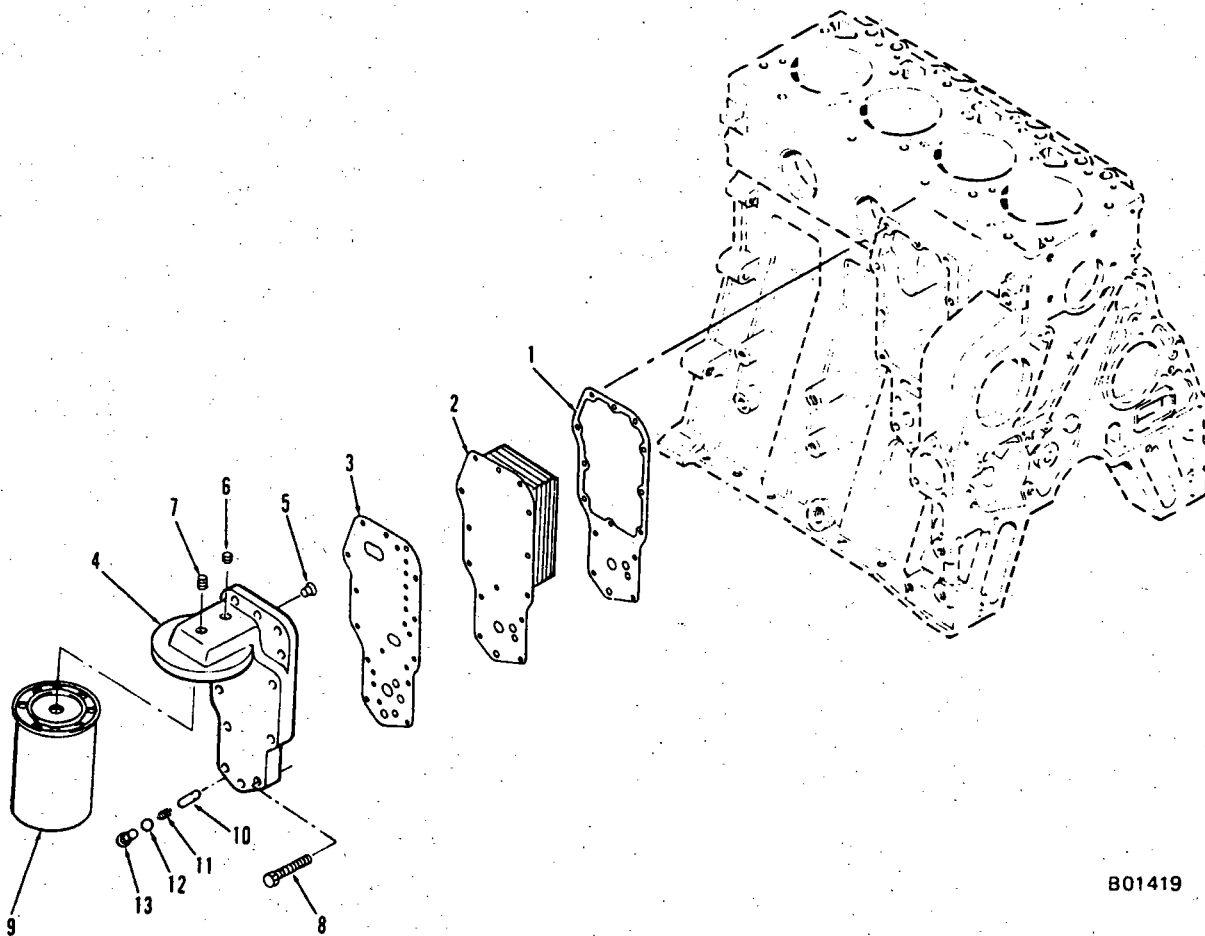
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903249	Option OB9001 O-Ring	1	x	x	x	M12-1.75 x 25 (Flanged) S/S3903265
2	3905440	Tube, Oil Fill	1	x	x	x	
3	3901249	Screw, Hex Head Cap	2	x	x	x	
4	101322	Cap, Filler	1	x	x	x	
5	3900958	Option OB9000 Plug, Expansion	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 07.03 & 07.05

COOLER, LUBE OIL

Option LC9001 & LC9002



B01419

Group 07.03 & 07.05

COOLER, LUBE OIL

Option LC9001 & LC9002

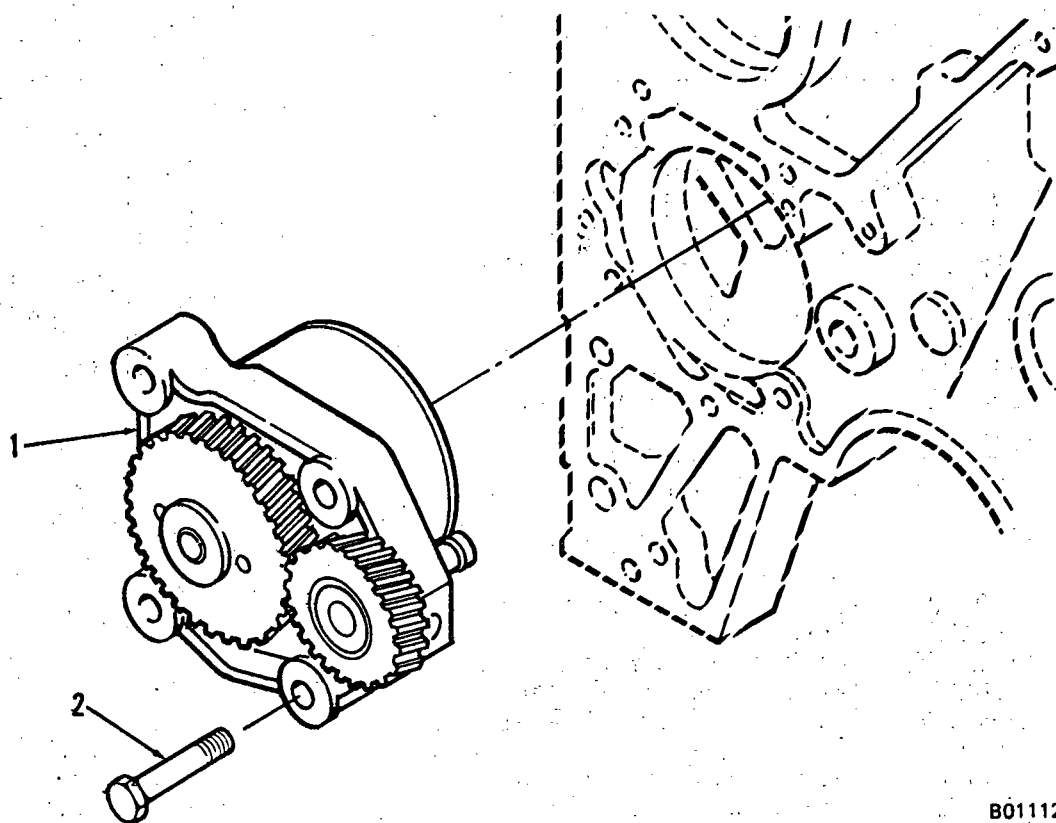
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
		Option LC9001					
1	3904427	Gasket, Lube Cooler	1	x			.8mm Thick
2	3904320	Core, Cooler	1	x			
3	3904426	Gasket, Filter Head	1	x			
4	3902295	Head, Lube Oil Filter	1	x			
5	3902338	Valve, Pressure Relief	1	x			
6	3008466	Plug, Pipe	1	x			.25" NPTF
7	3008465	Plug, Pipe	1	x			.125" NPTF
8	3900632	Screw, Hex Head Flg Cap	14	x			M8-1.25 x 35
9	3903224	Cartridge, Lub Oil	1	x			Filter (LF-3345)
10	3904385	Plunger Press Regulator	1	x			
11	3903261	Spring Compression	1	x			
12	3903486	Washer, Sealing	1	x			
13	3904386	Plug, Threaded	1	x			M22 x 1.5 x 14
		Option LC9002					
1	3904427	Gasket, Lube cooler	1		x	x	.8mm Thick
2	3904320	Core, Cooler	1		x	x	
3	3904426	Gasket, Filter Head	1		x	x	
4	3902295	Head, Lube Oil Filter	1		x	x	
5	3902338	Valve, Pressure Relief	1		x	x	
7	3008465	Plug, Pipe	1		x	x	.125" NPTF
8	3900632	Screw, Hex Head Flg Cap	14		x	x	M8-1.25 x 35
9	3903224	Cartridge, Lub Oil	1		x	x	Filter (LF-3345)
10	3904385	Plunger Press. Reulator	1		x	x	
11	3903261	Spring Compression	1		x	x	
12	3903486	Washer, Sealing	1		x	x	
13	3904386	Plug, Threaded	1		x	x	M22 x 1.5 x 14
							Difference between Options LC 9001 ,LC9002 is the ommission of item 6

Parts indented are included in the assembly or kit under which they are listed.

Group 07.06

PUMP, LUBE OIL

Option LP9001



B01112

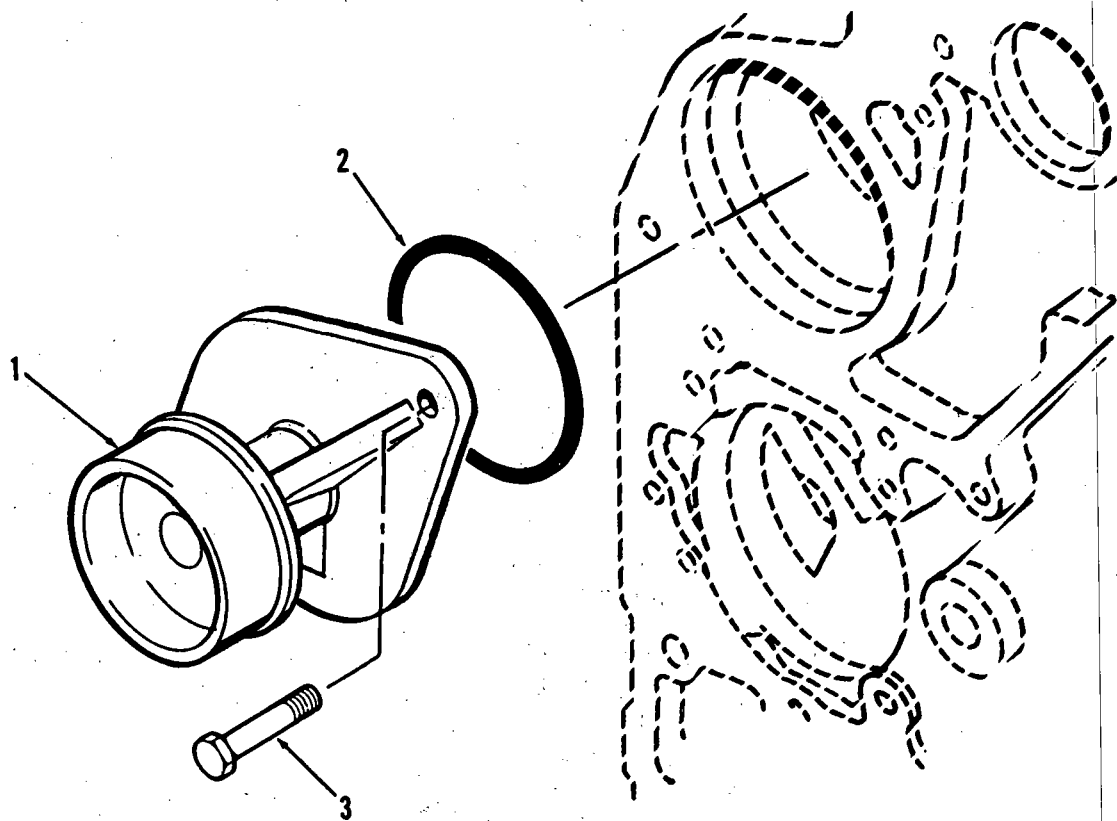
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901384	Pump, Lube	1	x	x	x	M8-1.25 x 30
2	3900677	Screw, Hex Head Cap	4	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 08.01

PUMP, WATER

Option WP9001



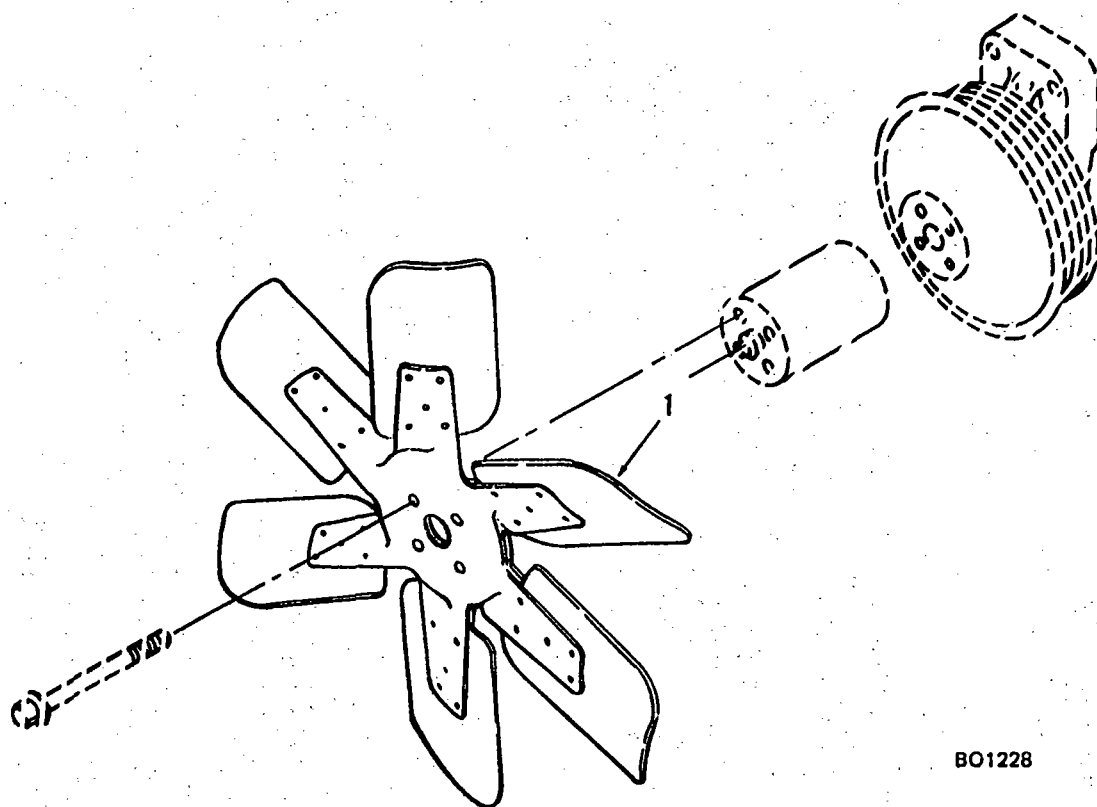
B01124

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3802004	Pump, Water Kit	1	x	x	x	
2	3903749	Pump, Water	1	x	x	x	
2	3903297	Seal, O-Ring	1	x	x	x	
3	3900227	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 22

Parts indented are included in the assembly or kit under which they are listed.

Group 08.02

FAN, ENGINE



Group 08.02

Fan, Engine

Option See Below

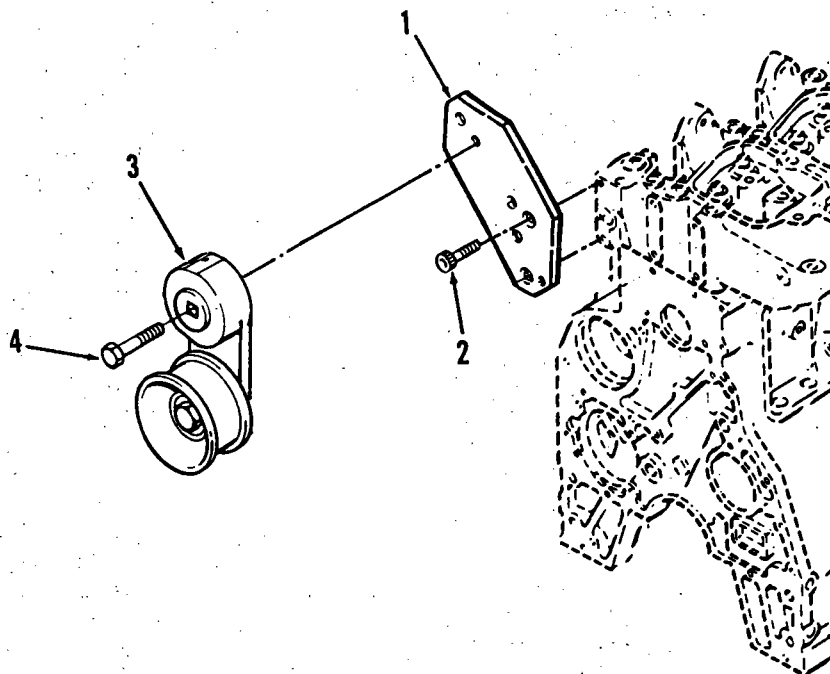
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905758	Fan, Engine Option FN 9001	1	x	x	x	Dia. 457.2mm (16.6 in.) Sucker Fan, S/S3904493
1	3905759	Fan, Engine Option FN 9002	1	x	x	x	Dia. 457.2mm (16.6 in.) Blower Fan, S/S3904494
1	3905760	Fan, Engine Option FN 9003	1	x	x	x	Dia. 457.2mm (16.6 in.) Sucker Fan, S/S3904495
1	3905761	Fan, Engine Option FN 9004	1	x	x	x	Dia. 457.2mm (16.6 in.) Blower Fan, S/S3904496
1	3905762	Fan, Engine Option FN 9005	1	x	x	x	Dia. 508.0mm (19.8 in.) Sucker Fan, S/S3904497
1	3905763	Fan, Engine Option FN 9006	1	x	x	x	Dia. 508.0mm (19.8 in.) Blower Fan, S/S3904498
1	3905764	Fan, Engine Option FN 9007	1	x	x	x	Dia. 508.0mm (19.8 in.) Sucker Fan, S/S3904499
1	3905765	Fan, Engine Option FN 9008	1	x	x	x	Dia. 508.0mm (19.8 in.) Blower Fan, S/S3904500
1	3904501	Fan, Engine Option FN 9009	1	x	x	x	Dia. 558.8mm (21.8 in.) Sucker Fan
1	3904502	Fan, Engine Option FN 9010	1	x	x	x	Dia. 558.8mm (21.8 in.) Blower Fan
1	3904503	Fan, Engine Option FN 9011	1	x	x	x	Dia. 558.8mm (21.8 in.) Sucker Fan
1	3904504	Fan, Engine Option FN 9012	1	x	x	x	Dia. 558.8mm (21.8 in.) Blower Fan
1	3904505	Fan, Engine Option FN 9013	1	x	x	x	Dia. 609.6mm (23.7 in.) Sucker Fan
1	3904506	Fan, Engine Option FN 9014	1	x	x	x	Dia. 609.6mm (23.7 in.) Blower Fan
1	3904507	Fan, Engine Option FN 9015	1	x	x	x	Dia. 609.6mm (23.7 in.) Sucker Fan
1	3904508	Fan, Engine Option FN 9016	1	x	x	x	Dia. 609.6mm (23.7 in.) Blower Fan
1	3904509	Fan, Engine Option FN 9017	1	x	x	x	Dia. 660.4mm (25.7 in.) Sucker Fan
1	3904510	Fan, Engine Option FN 9018	1	x	x	x	Dia. 660.4mm (25.7 in.) Blower Fan
1	3904511	Fan, Engine Option FN 9019	1	x	x	x	Dia. 660.4mm (25.7 in.) Sucker Fan
1	3904512	Fan, Engine Option FN 9020	1	x	x	x	Dia. 660.4mm (25.7 in.) Blower Fan

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9000



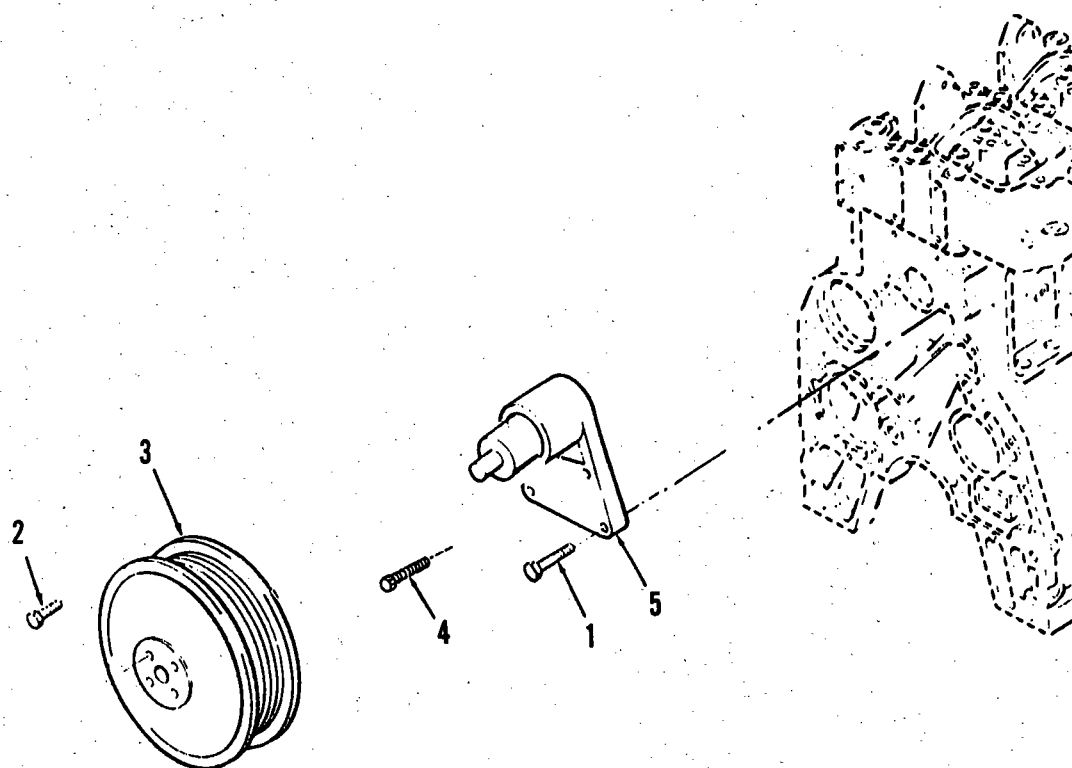
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904569	Bracket, Belt Tens.	1	x	x	x	S/S 3905426
2	3903095	Screw, Flat Head Soc	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3905426	Screw, Hex Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9001



Group 08.03, 08.04

DRIVE, FAN

Option FA9001

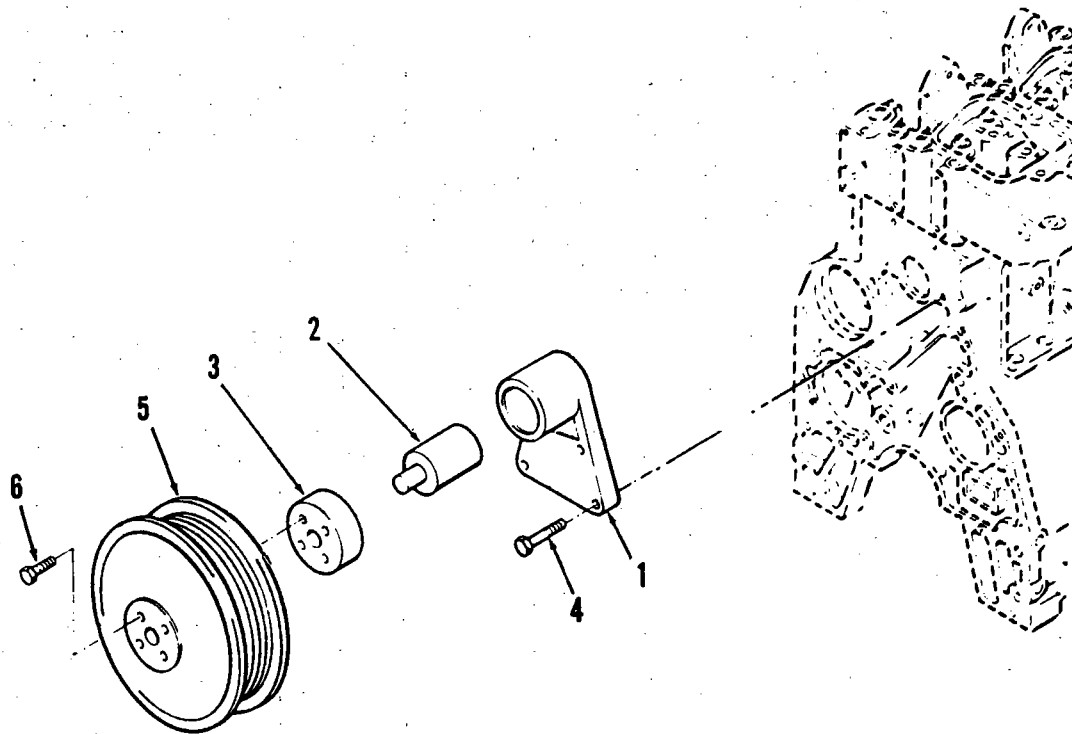
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks	
				N/A	T/C	T/A		
1	3901221	Screw, Hex Head Cap	1	x	x	x	(202mm) 8" center	
2	3900678	Screw, Hex Head Cap	3	x	x	x	M8-1.25 x 75	
3	3902710	Pulley, Fan	1	x	x	x	M8-1.25 x 40	
4	3900620	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 20	
5	3904583	Support, Fan	1	x	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9002



Group 08.03, 08.04

DRIVE, FAN

Option FA9002

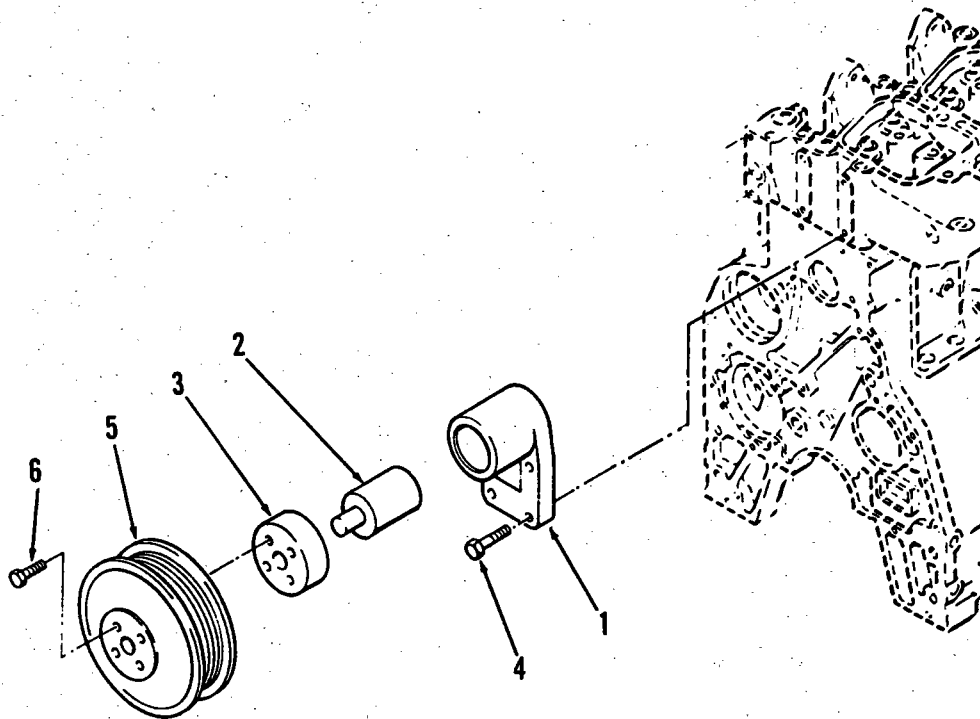
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904583	Bracket, Fan Assy.	1	x	x	x	(296.0mm) 11.65" center Mounts to Head
2	3902348	Bracket, Fan	1	x	x	x	
3	3901741	Shaft, Bearing	1	x	x	x	
4	3901364	Hub, Fan	1	x	x	x	M8-1.25 x 40
5	3900678	Screw, Hex Head Cap	4	x	x	x	
6	3902710	Pulley, Fan	1	x	x	x	M8-1.25 x 14
	3900620	Screw, Hex Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9003



Group 08.03, 08.04

DRIVE, FAN

Option FA9003

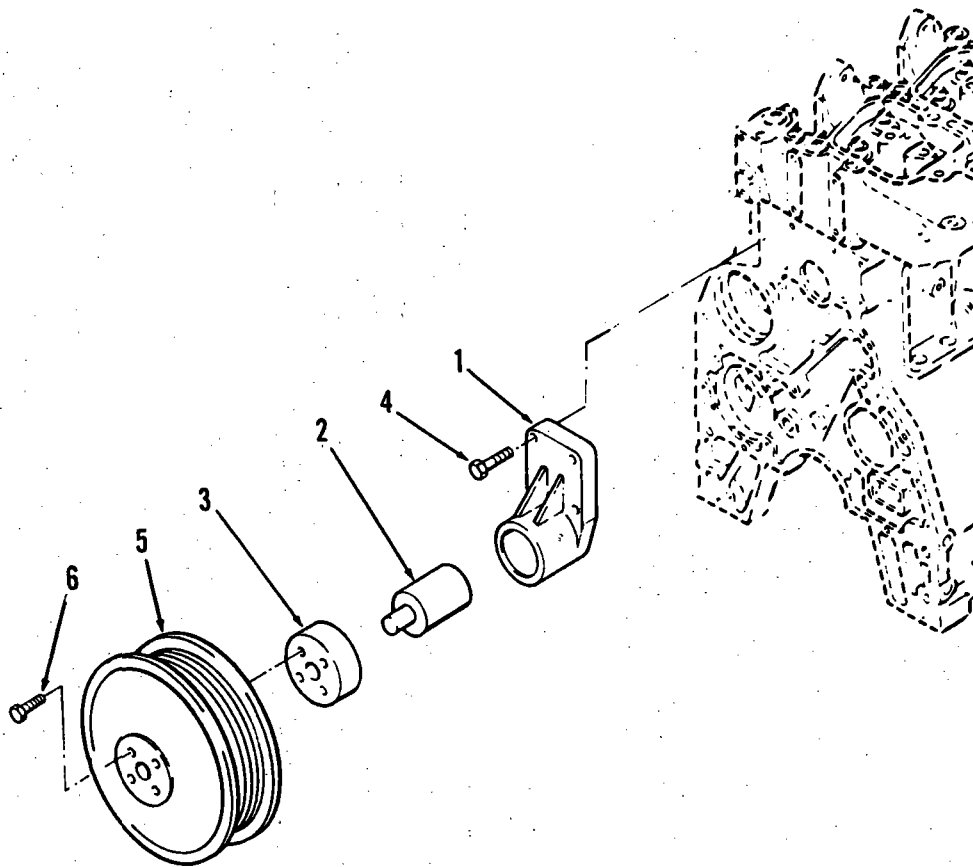
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3902352	Bracket, Fan	1	x	x	x	(345mm) 13.58" center Mounts to block
1	3902349	Bracket, Fan	1	x	x	x	
2	3901741	Shaft, Bearing	1	x	x	x	
3	3901364	Hub, Fan	1	x	x	x	
4	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
5	3902710	Pulley, Fan	1	x	x	x	
6	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9004



Group 08.03, 08.04

DRIVE, FAN

Option FA9004

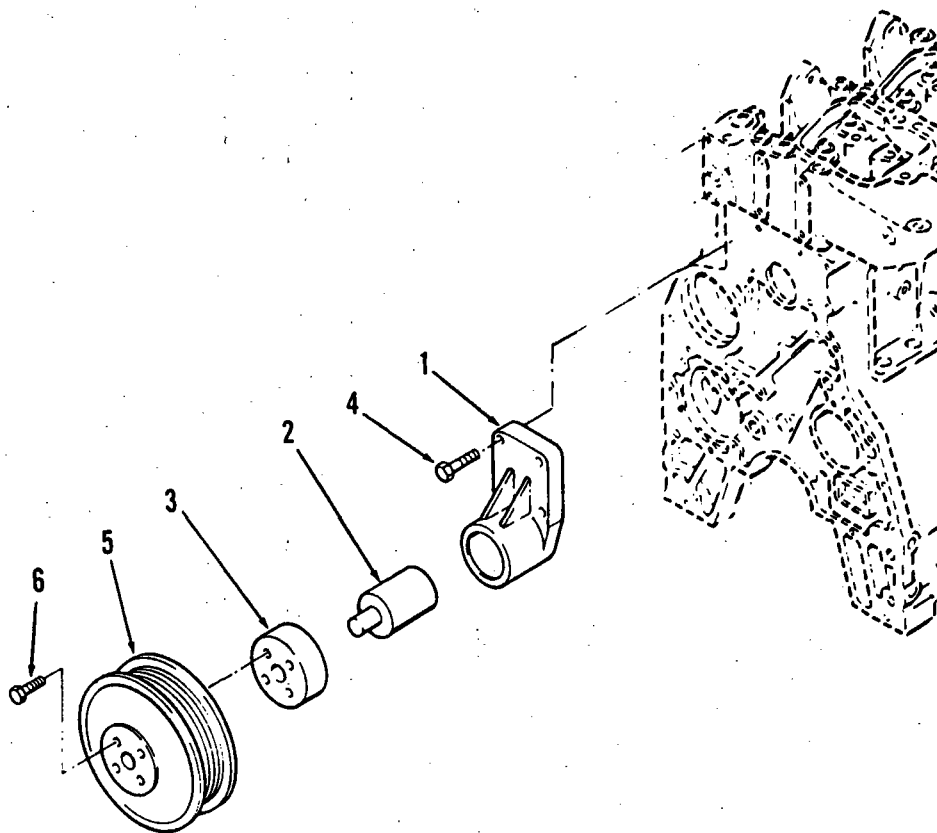
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902353	Bracket, Fan	1	x	x	x	(393.5mm) 15.49" center Mounts to block
2	3902350	Bracket, Fan	1	x	x	x	
3	3901741	Shaft, Bearing	1	x	x	x	
4	3901364	Hub, Fan	1	x	x	x	M8-1.25 x 40
5	3900678	Screw, Hex Head Cap	4	x	x	x	
6	3902710	Pulley, Fan	1	x	x	x	M8-1.25 x 14
	3900620	Screw, Hex Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9005



Group 08.03, 08.04

DRIVE, FAN

Option FA9005

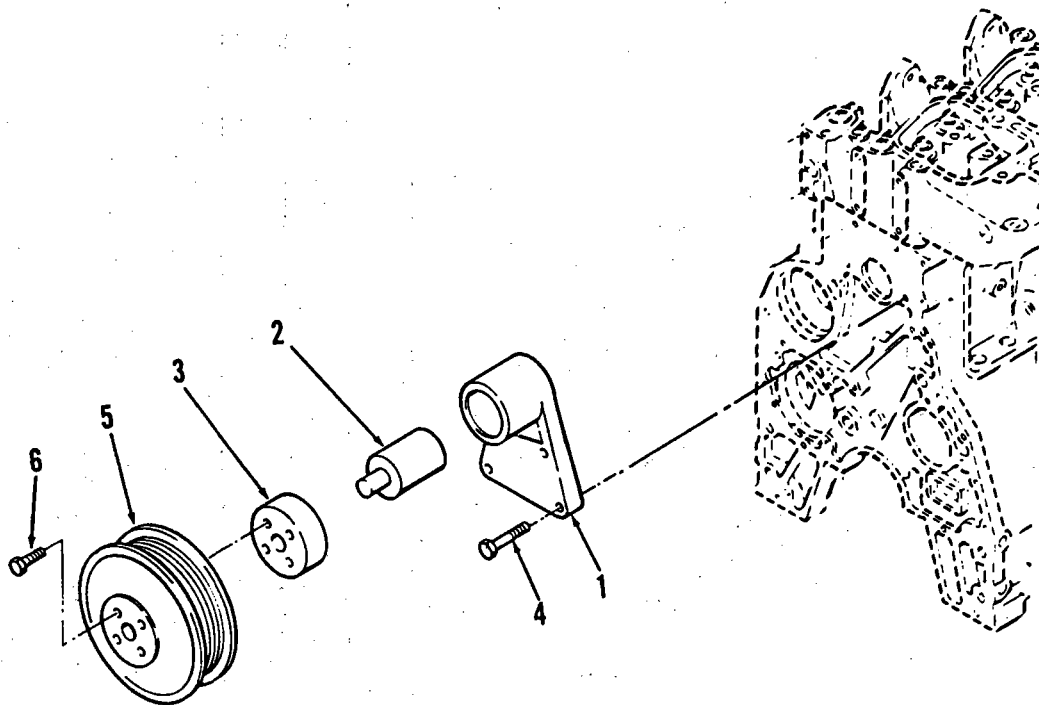
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902351	Bracket, Fan	1	x	x	x	(444.2mm) 17.49" center
2	3902348	Bracket, Fan	1	x	x	x	Mounts to Head
3	3901741	Shaft, Bearing	1	x	x	x	
3	3901364	Hub, Fan	1	x	x	x	
4	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
5	3902710	Pulley, Fan	1	x	x	x	
6	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9012



Group 08.03, 08.04

DRIVE, FAN

Option FA9012

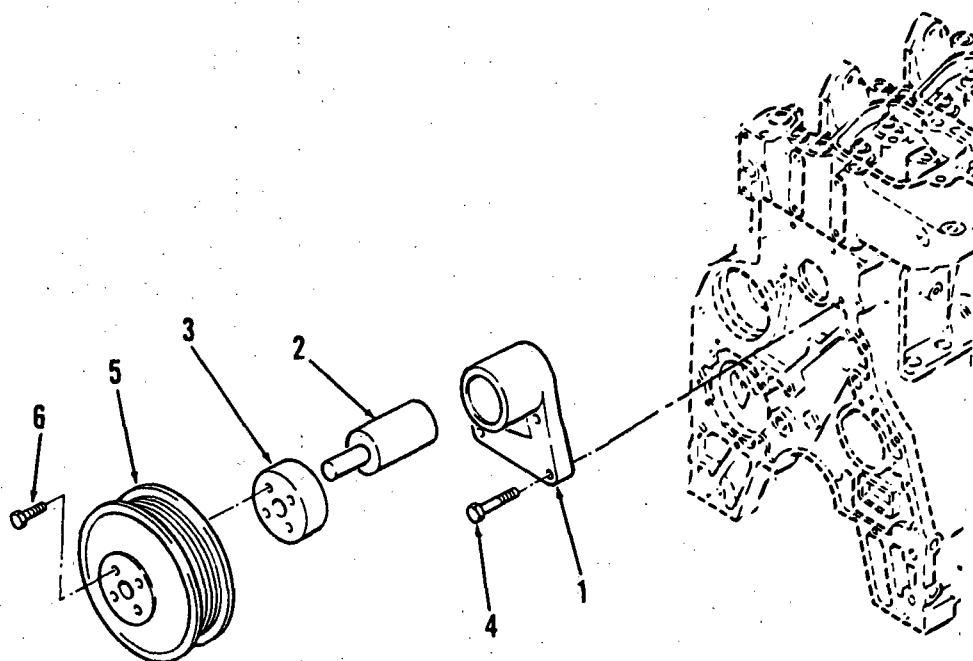
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904583	Bracket, Fan	1	x	x	x	(296.0mm) 11.65" center
2	3902348	Bracket, Fan	1	x	x	x	Mounts to Head
3	3901741	Shaft, Bearing	1	x	x	x	
4	3901364	Hub, Fan	1	x	x	x	
5	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
6	3902709	Pulley, Fan	1	x	x	x	
	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9013



Group 08.03, 08.04

DRIVE, FAN

Option FA9013

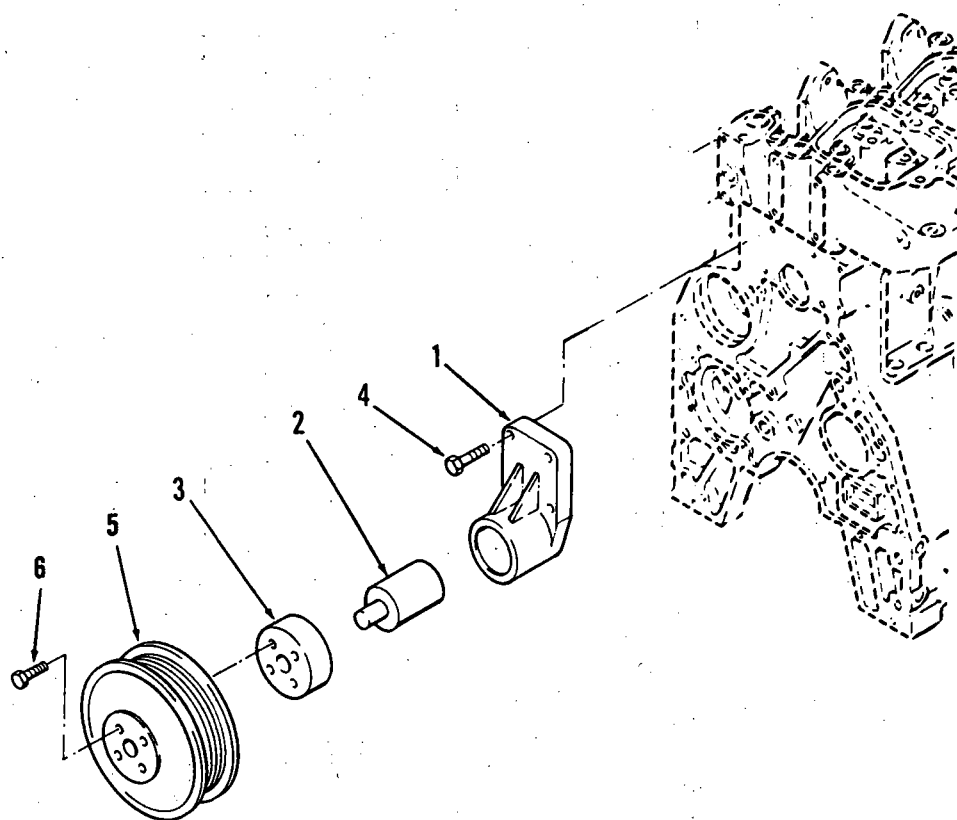
Ref No	Part Number	Part Name	Req	Eng N/A	Asp T/C	T/A	Remarks
1	3902351	Bracket, Fan	1	x	x	x	(296.0mm) 11.65" center
2	3902348	Bracket, Fan	1	x	x	x	Mounts to Head
3	3901741	Shaft, Bearing	1	x	x	x	
4	3901364	Hub, Fan	1	x	x	x	
5	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
6	3902710	Pulley, Fan	1	x	x	x	
6	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9014



B01120

Group 08.03, 08.04

DRIVE, FAN

Option FA9014

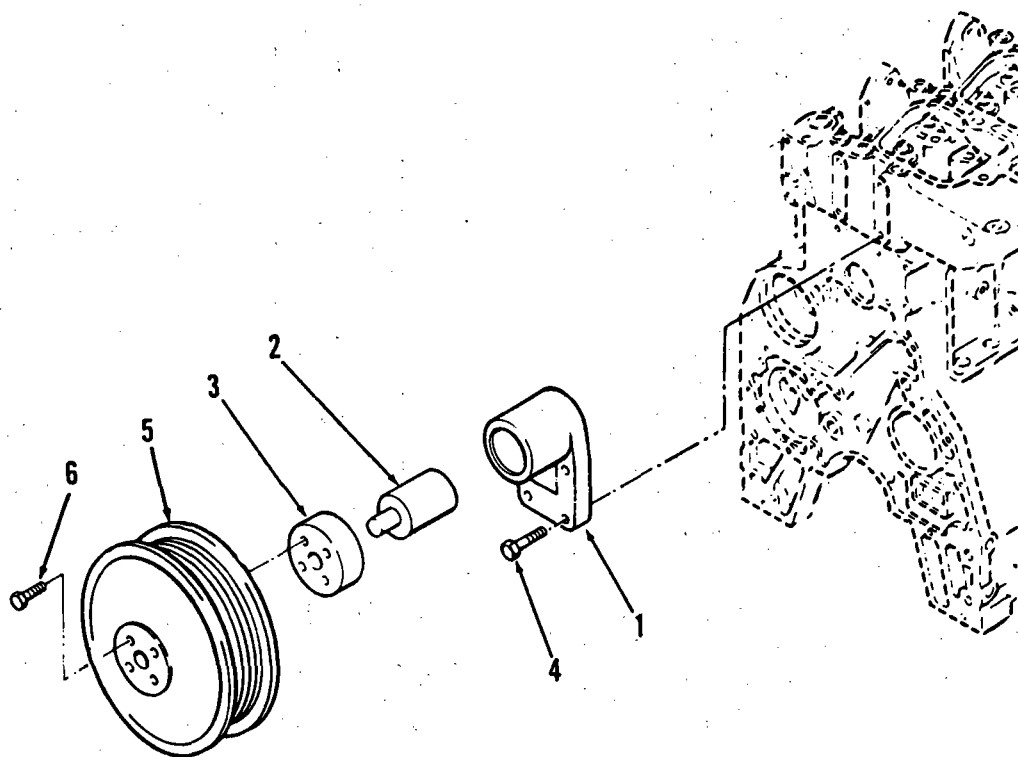
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902353	Bracket, Fan	1	x	x	x	(393.5mm) 15.49" ctr. Mounts to block
2	3902350	Bracket, Fan	1	x	x	x	
3	3901741	Shaft, Bearing	1	x	x	x	
4	3901364	Hub, Fan	1	x	x	x	
5	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
6	3902709	Pulley, Fan	1	x	x	x	
	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9015



Group 08.03, 08.04

DRIVE, FAN

Option FA9015

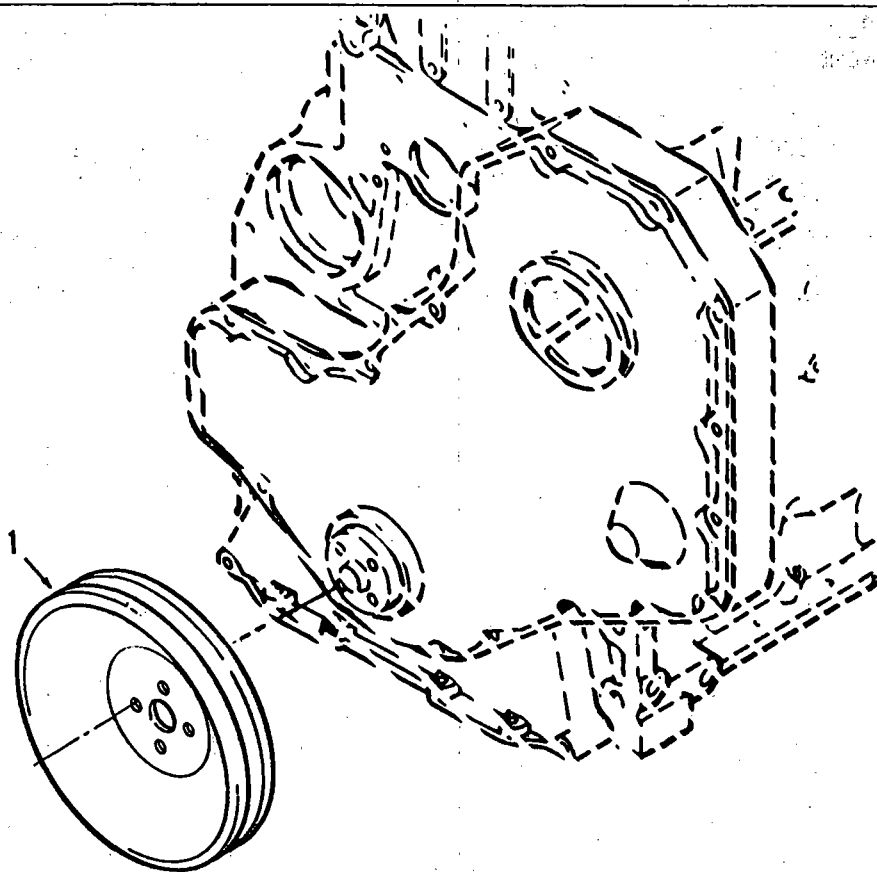
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902351	Bracket, Fan	1	x	x	x	(444.2mm) 17.49" center
2	3902348	Bracket, Fan	1	x	x	x	Mounts to Head
3	3901741	Shaft, Bearing	1	x	x	x	
3	3901364	Hub, Fan	1	x	x	x	
4	3900678	Screw, Hex Head Cap	4	x	x	x	M8-1.25 x 40
5	3902709	Pulley, Fan	1	x	x	x	129mm 0 8 groove
6	3900620	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 14

Parts indented are included in the assembly or kit under which they are listed.

Group 08.03, 08.04

DRIVE, FAN

Option FA9016



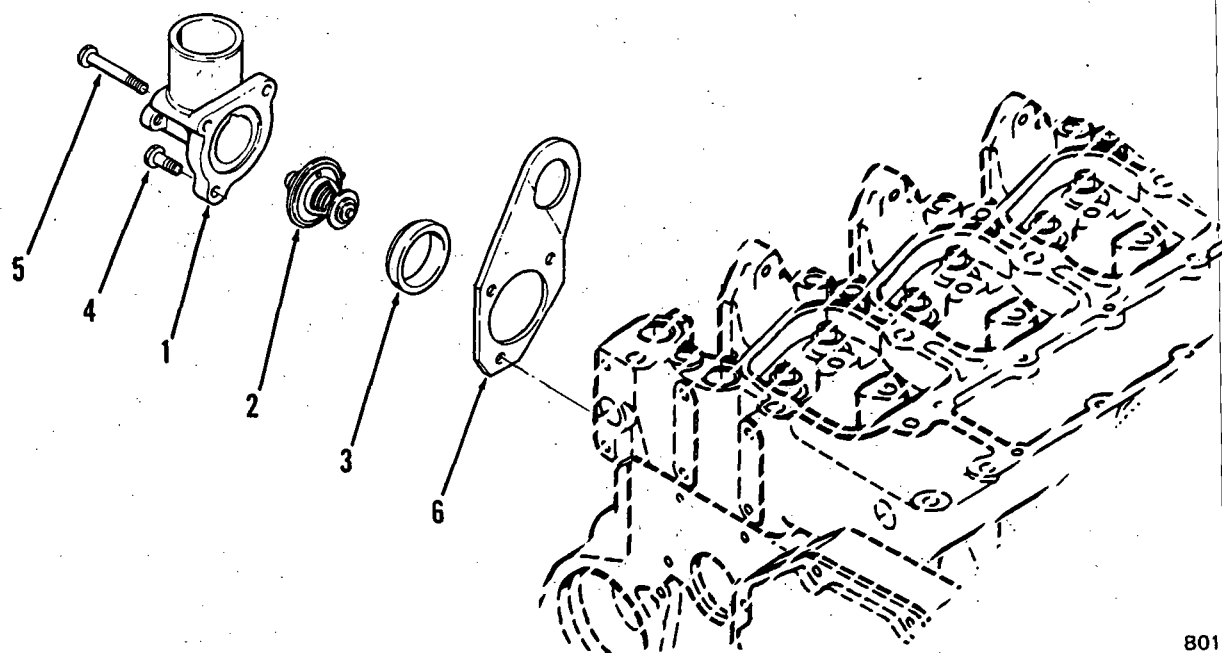
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903221	Pulley, "V" Belt	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 08.07, 08.07.02

HOUSING, THERMOSTAT

Option TH9001 & EC9001



801035

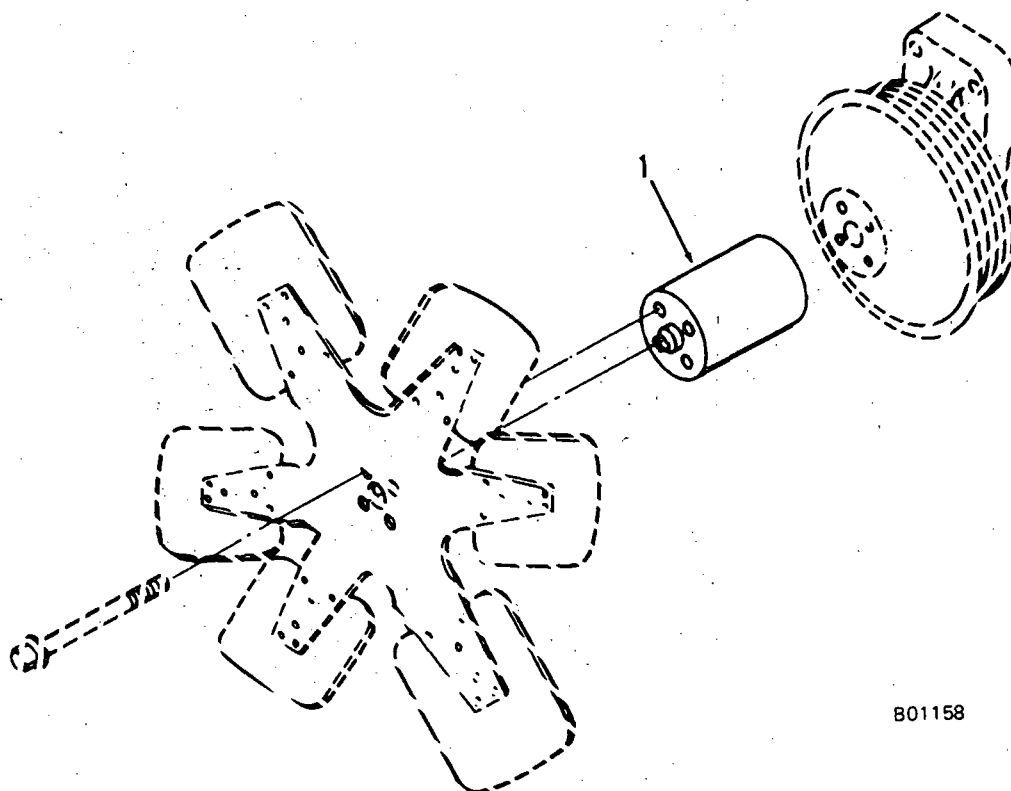
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903756	Option TH9001 Housing, Thermostat	1	x	x	x	
2	3902465	Option EC9001 Thermostat, Coolant	1	x	x	x	
3	3903301	Gasket, Thermostat Hsg.	1	x	x	x	
4	3900632	Screw, Hex Head Cap	1	x	x	x	M8-1.25 x 35
5	3903096	Screw, Hex Head Cap	2	x	x	x	M8-1.25 x 70
6	3903757	Bracket, Lifting	1	x	x	x	Front

Parts indented are included in the assembly or kit under which they are listed.

Group 08.05

SPACER, FAN PILOT

Option See Part Name



B01158

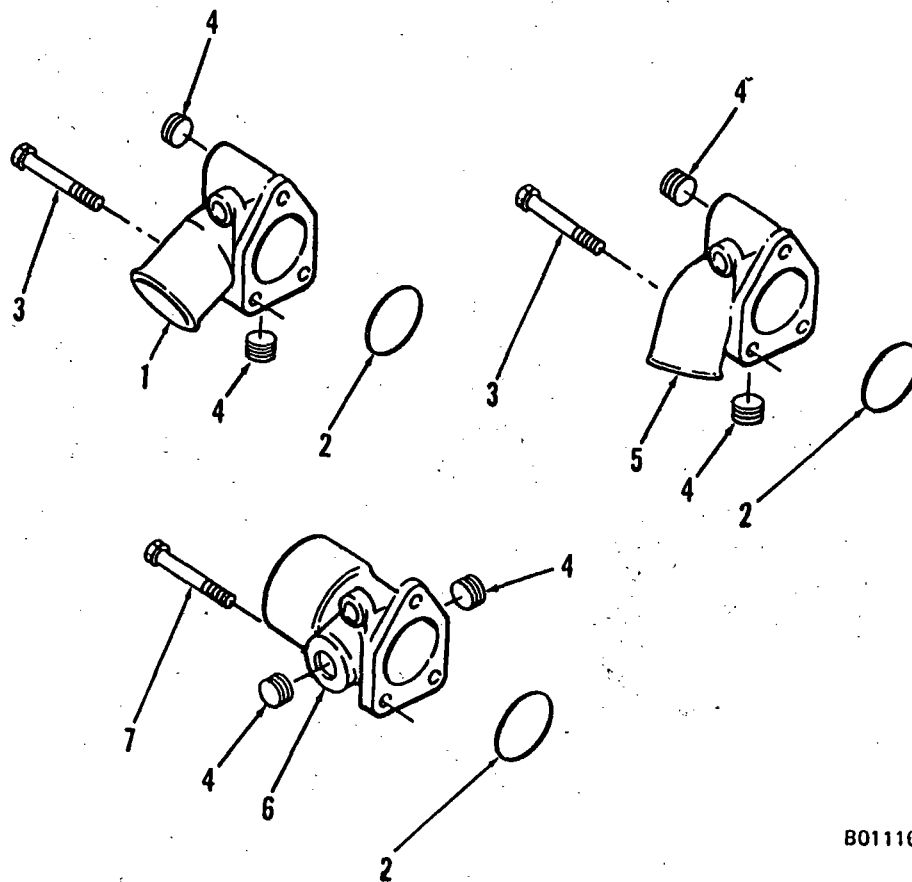
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903820	Spacer, Fan Pilot SP9001	1	x	x	x	0.25" thick
1	3903816	Spacer, Fan Pilot SP9003	1	x	x	x	1.0" thick
1	3903817	Spacer, Fan Pilot SP9006	1	x	x	x	1.5" thick
1	3903818	Spacer, Fan Pilot SP9004	1	x	x	x	2.0" thick
1	3903819	Spacer, Fan Pilot SP9005	1	x	x	x	2.5" thick

Parts indented are included in the assembly or kit under which they are listed.

Group 08.07.01

CONNECTION, WATER INLET

Option WI9001,9002,9005



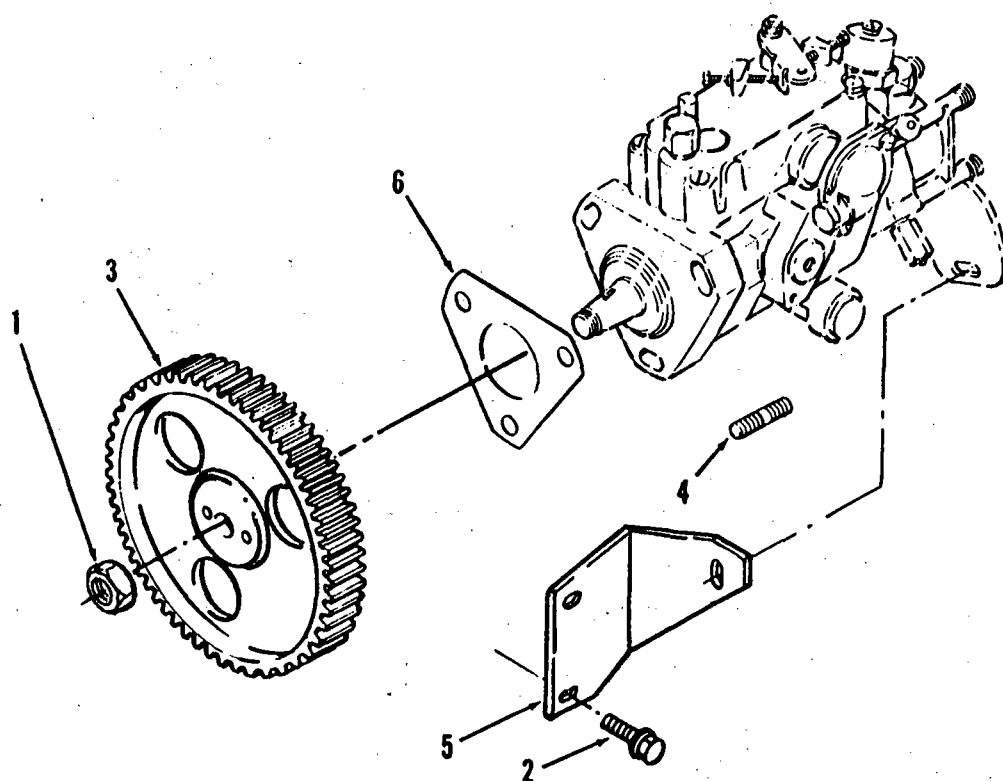
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903103	WI9002	1	x	x	x	M10-1.50 x 75
2	3901467	Connection, Water In	1	x	x	x	
3	3901757	O-Ring	3	x	x	x	
4	3008468	Screw, Hex Head Flg Cap	2	x	x	x	
5	3903102	WI9001	1	x	x	x	M10-1.50 x 75
2	3901467	Connection, Water In	1	x	x	x	
3	3901757	O-Ring	3	x	x	x	
4	3008468	Screw, Hex Head Flg Cap	2	x	x	x	
6	3903786	WI9005	1	x	x	x	M10-1.50 x 25
2	3901467	Connection, Water In	1	x	x	x	
7	3902460	O-Ring	3	x	x	x	
4	3008468	Screw, Hex Head Flg Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01

COUPLING, FUEL PUMP

Option FP9701



BO1222

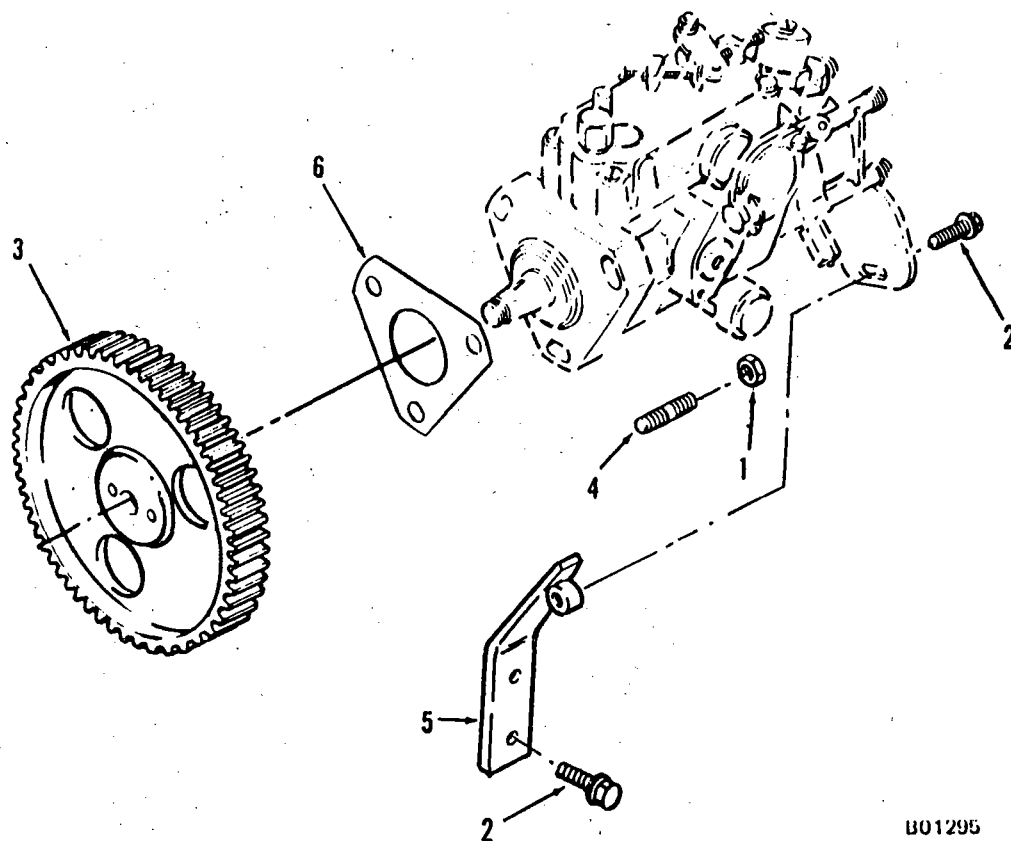
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900589	Nut, Hexagon Flange	4	x	x		
2	3900630	Screw, Hexagon Head CAP	3	x	x		
3	3902236	Gear, Fuel Pump	1	x	x		
4	3902501	Stud	3	x	x		
5	3905387	Brace, Fuel Pump	1	x	x		
6	3905685	Gasket, Fuel Pump	1	x	x		
	3802019	Set, Lower Eng; Gasket	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01

COUPLING, FUEL PUMP

Option FP9702



B01295

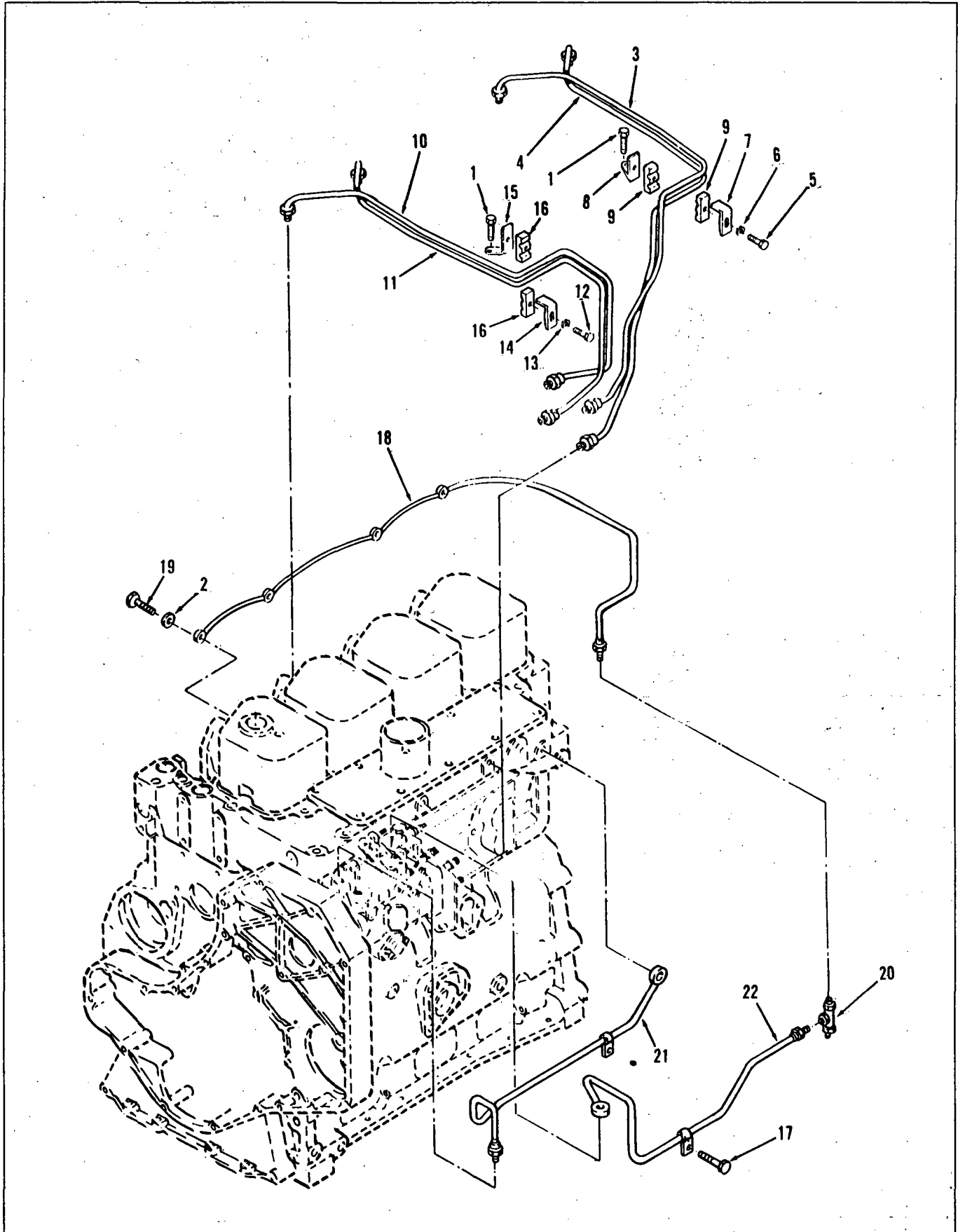
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900589	Nut, Flanged Hex	4	x	x	x	
2	3900630	Screw, Hexagon Head Cap	3	x	x	x	
3	3902236	Gear, Fuel Pump	1	x	x	x	
4	3902501	Stud	1	x	x	x	
5	3905313	Brace, Fuel Pump	1	x	x	x	
6	3905685	Gasket, Fuel Pump	1	x	x	x	
	3802019	Set, Lower Eng. Gasket	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01.01

PLUMBING, FUEL

Option FT9711



Group 09.01.01

PLUMBING, FUEL

Option FT9711

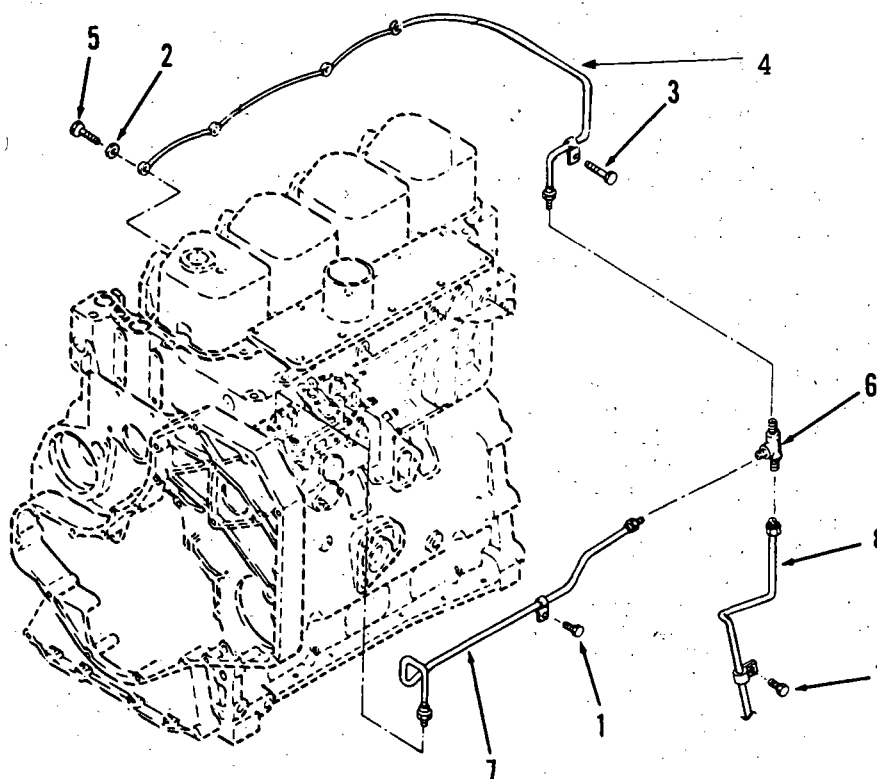
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900629	Screw, Hexagon Head Cap	2		x		Bosch Pump
2	3903380	Seal, Banjo Conn	4		x		
	3903716	Tube, Injector Fuel Supply	1		x		
3	3903480	Tube, Fuel Supply	1		x		
4	3903481	Tube, Fuel Supply	1		x		
5	3903609	Screw, Hexagon Head Cap	1		x		
6	3903723	Washer, Plain	1		x		
7	3904344	Brace, Tube	1		x		
8	3904711	Brace, Tube	1		x		
9	3904712	Isolator, Vibration	1		x		
	3903717	Tube, Injector Fuel Supply	1		x		
10	3903482	Tube, Fuel Supply	1		x		
11	3903483	Tube, Fuel Supply	1		x		
12	3903609	Screw, Hexagon Head Cap	1		x		
13	3903723	Washer, Plain	1		x		
14	3904345	Brace, Tube	1		x		
15	3904711	Brace, Tube	1		x		
16	3904712	Isolator, Vibration	1		x		
17	3904341	Screw, Hexagon Head Cap	2		x		
18	3905116	Manifold, Fuel Drain	1		x		
19	3905307	Screw, Banjo Conn	4		x		
20	3905388	Tee, Male Union	1		x		
21	3905394	Tube, Fuel Drain	1		x		
22	3905492	Tube, Fuel Drain	1		x		

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01.01

FUEL, DRAIN TUBES

Option FT9712



B01418

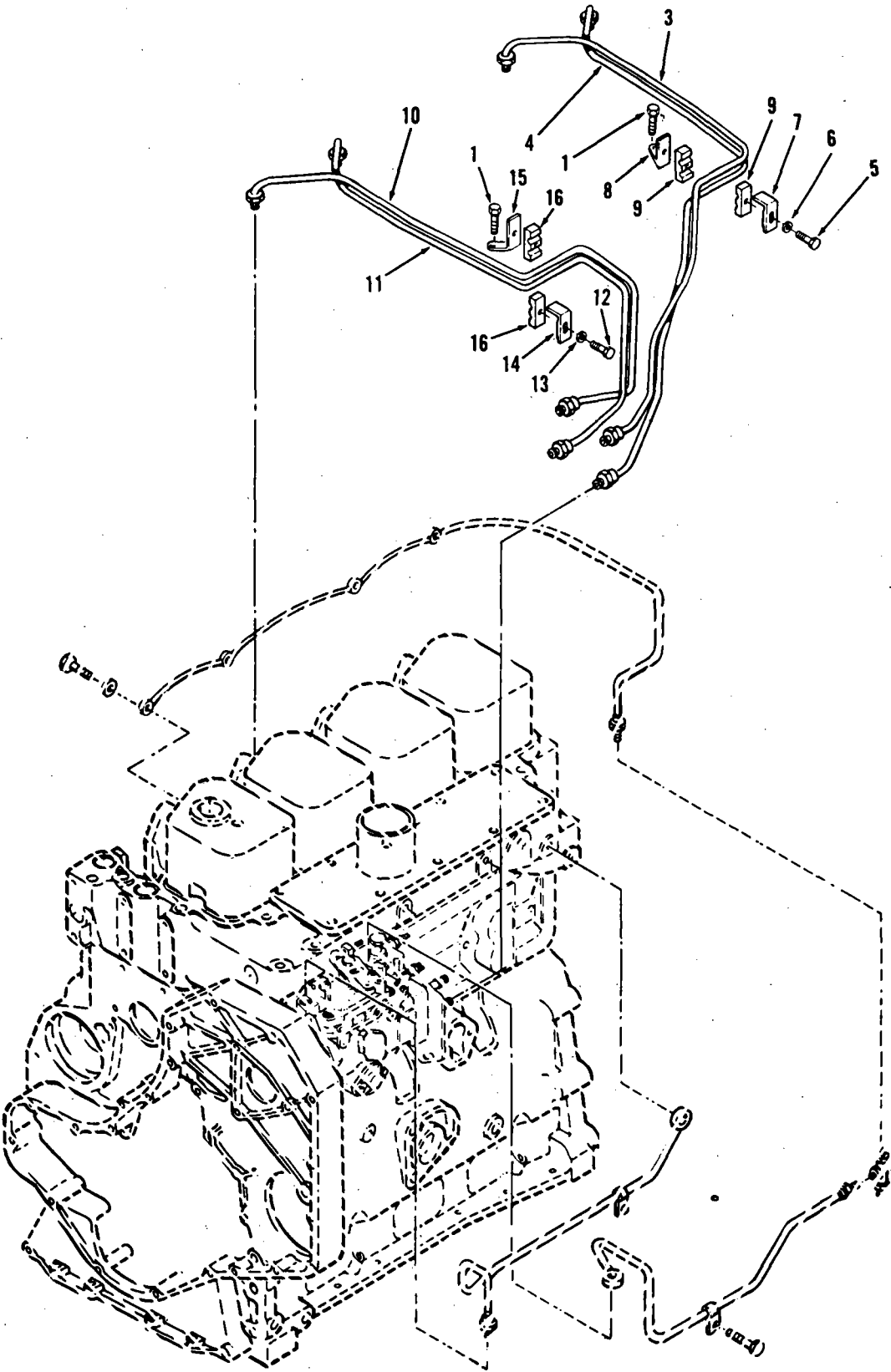
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900629	Screw, Hexagon Head Cap	2		x	x	
2	3903380	Seal, Banjo Conn	4		x	x	
3	3904341	Screw, Hexagon Head Cap	2		x	x	
4	3905116	Manifold, Fuel	1		x	x	
5	3905307	Screw, Banjo Conn	4		x	x	
6	3905388	Tee, Male Union	1		x	x	
7	3905394	Tube, Fuel Drain	1		x	x	
8	3905392	Tube, Fuel Drain	1		x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01.01

PLUMBING, FUEL

Option FT9715



Group 09.01.01

PLUMBING, FUEL

Option FT9715

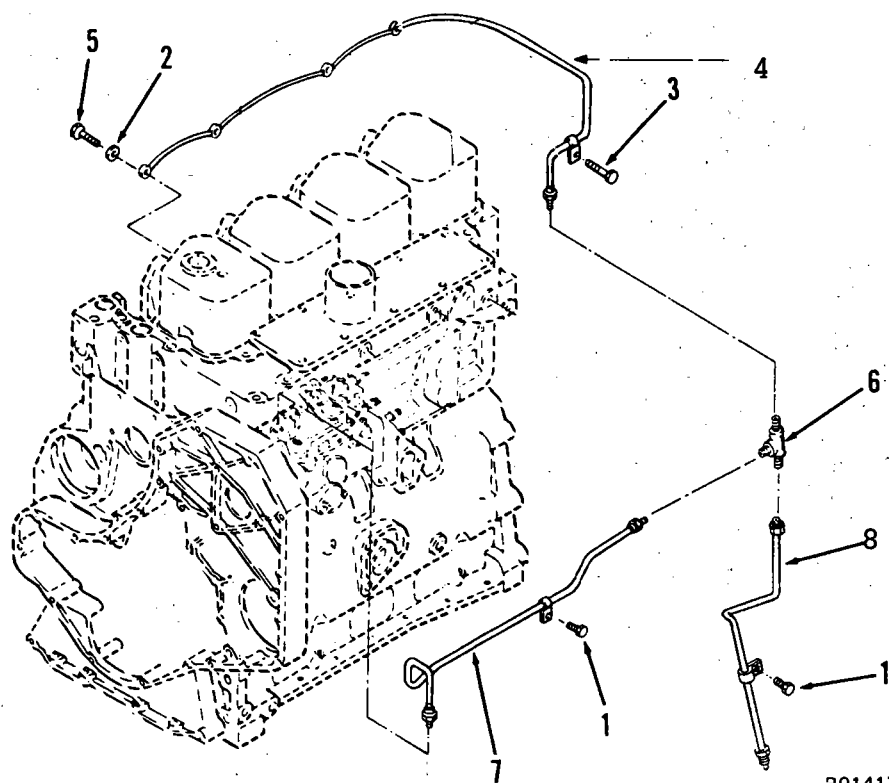
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900629	Screw, Hexagon Head Cap	2		x		Bosch
2	3903380	Seal, Banjo Conn	4		x		
	3903716	Tube, Injector Fuel Supply	1		x		
3	3903480	Tube, Fuel Supply	1		x		
4	3903481	Tube, Fuel Supply	1		x		
5	3903609	Screw, Hexagon Head Cap	1		x		
6	3903723	Washer, Plain	1		x		
7	3904344	Brace, Tube	1		x		
8	3904711	Brace, Tube	1		x		
9	3904712	Isolator, Vibration	1		x		
	3903717	Tube, Injector Fuel Supply	1		x		
10	3903482	Tube, Fuel Supply	1		x		
11	3903483	Tube, Fuel Supply	1		x		
12	3903609	Screw, Hexagon Head Cap	1		x		
13	3903723	Washer, Plain	1		x		
14	3904345	Brace, Tube	1		x		
15	3904711	Brace, Tube	1		x		
16	3904712	Isolator, Vibration	1		x		

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01.01

FUEL, DRAIN TUBES

Option FT9716



B01417

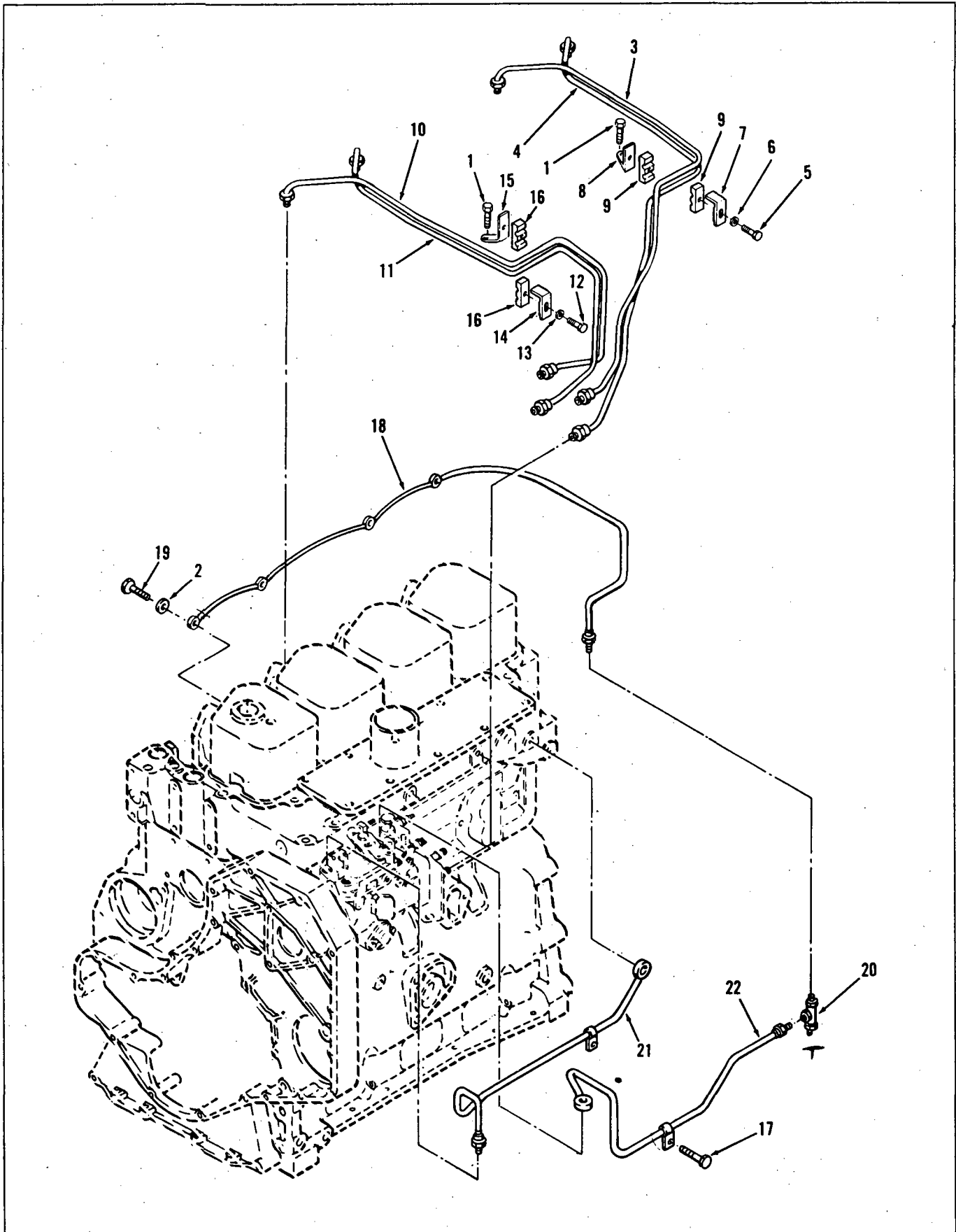
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900629	Screw, Hexagon Head Cap	2			x	
2	3903380	Seal, Banjo Conn	4			x	
3	3904341	Screw, Hexagon Head Cap	2			x	
4	3905116	Manifold, Fuel	1			x	
5	3905307	Screw, Banjo Conn	4			x	
6	3905388	Tee, Male Union	1			x	
7	3905394	Tube, Fuel Drain	1			x	
8	3905409	Tube, Fuel Drain	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.01.01

PLUMBING, FUEL

Option FT9720



Group 09.01.01

PLUMBING, FUEL

Option FT9720

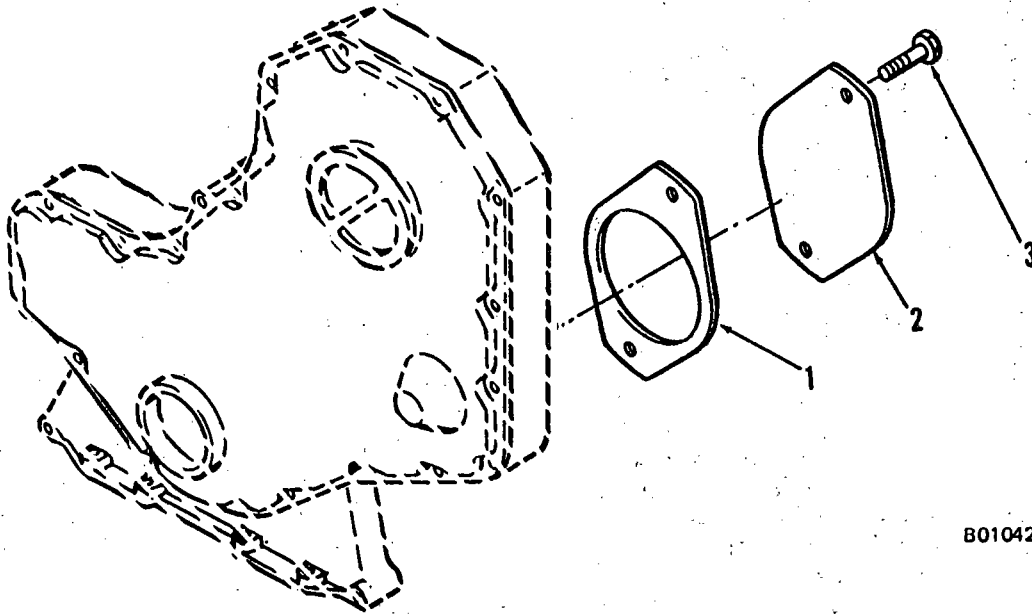
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900626	Screw, Hexagon Head Cap	2	x			C.A.V. Pump
2	3903380	Seal, Banjo Connector	4	x			
	3903720	Tube, Injector Fuel Supply	1	x			
3	3903522	Tube, Fuel Supply	1	x			
4	3903523	Tube, Fuel Supply	1	x			
5	3903609	Screw, Hexagon Head Cap	1	x			
6	3903723	Washer, Plain	1	x			
7	3904344	Brace, Tube	1	x			
8	3904711	Brace, Tube	1	x			
9	3904712	Isolator, Vibration	1	x			
	3903721	Tube, Injector Fuel Supply	1	x			
10	3905324	Tube, Fuel Supply	1	x			
11	3903721	Tube, Fuel Supply	1	x			
12	3903609	Screw, Hexagon Head Cap	1	x			
13	3903723	Washer, Plain	1	x			
14	3904345	Brace, Tube	1	x			
14	3904711	Brace, Tube	1	x			
15	3904712	Isolator, Vibration	1	x			
16	3904341	Screw, Hexagon Head Cap	2	x			
17	3905116	Manifold, Fuel Drain	1	x			
18	3905307	Screw, Banjo Connector	4	x			
19	3905388	Tee, Male Union	1	x			
20	3905392	Tube, Fuel Drain	1	x			
21	3905394	Tube, Fuel Drain	1	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9000



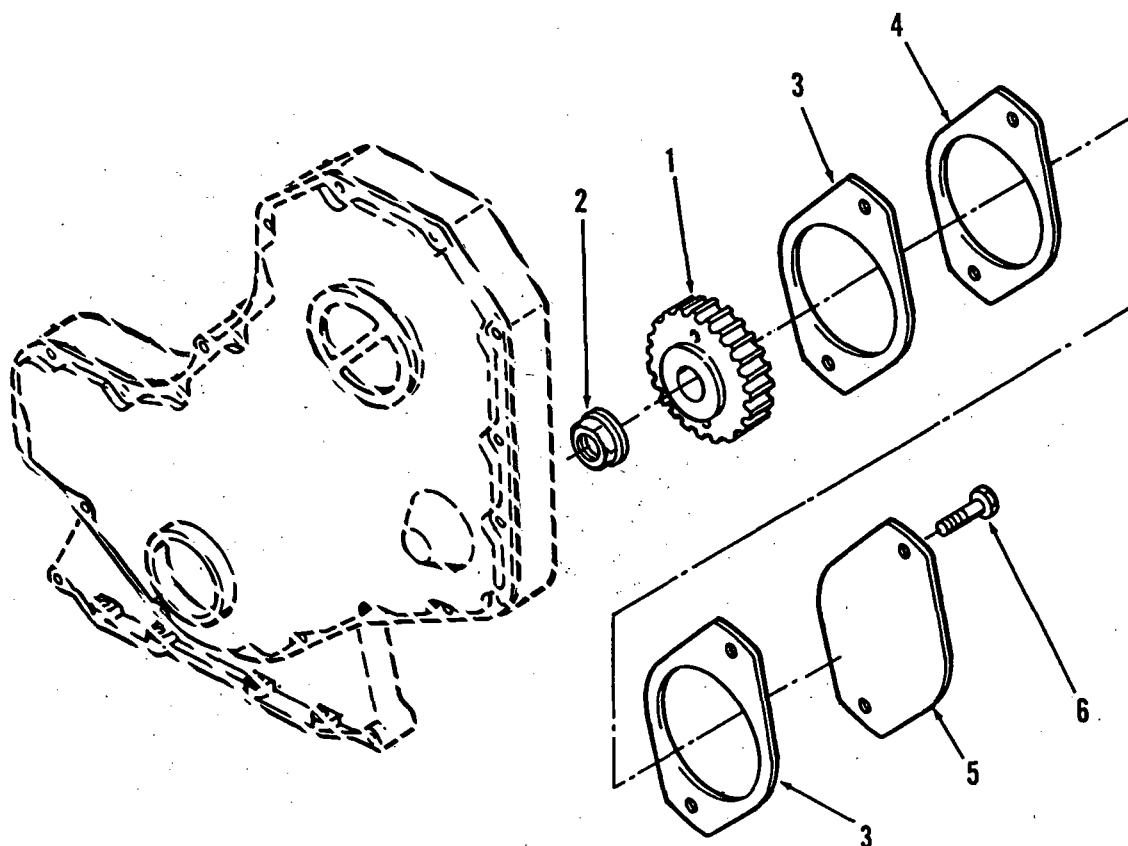
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3008400	Gasket, Hydraulic Pump	1	x	x	x	
2	3200782	Plate, Cover	1	x	x	x	
3	3901249	Screw, Hexagon Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9004



B01166

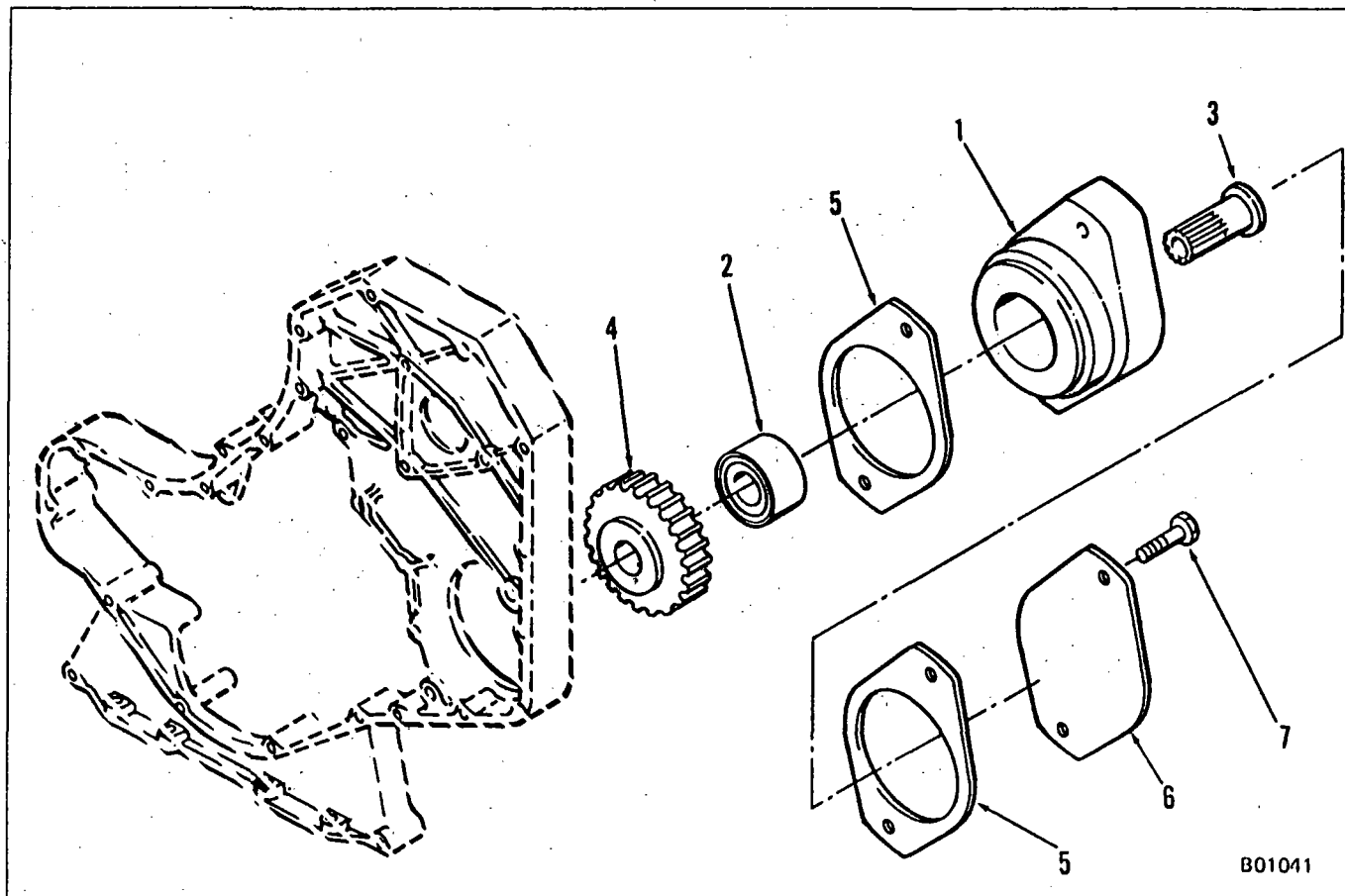
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3905607	Gear, Acc Drv	1	x	x		S/S3903304
2	3903269	Nut	1	x	x		
3	3008400	Gasket, PTO Drv Cov	2	x	x		
4	3902603	Spacer, Hydraulic Pump	1	x	x		
5	3200782	Plate, PTO Drv Cov	1	x	x		M12-1.75 x 25
6	3901249	Screw, Hexagon Head Cap	2	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9005



B01041

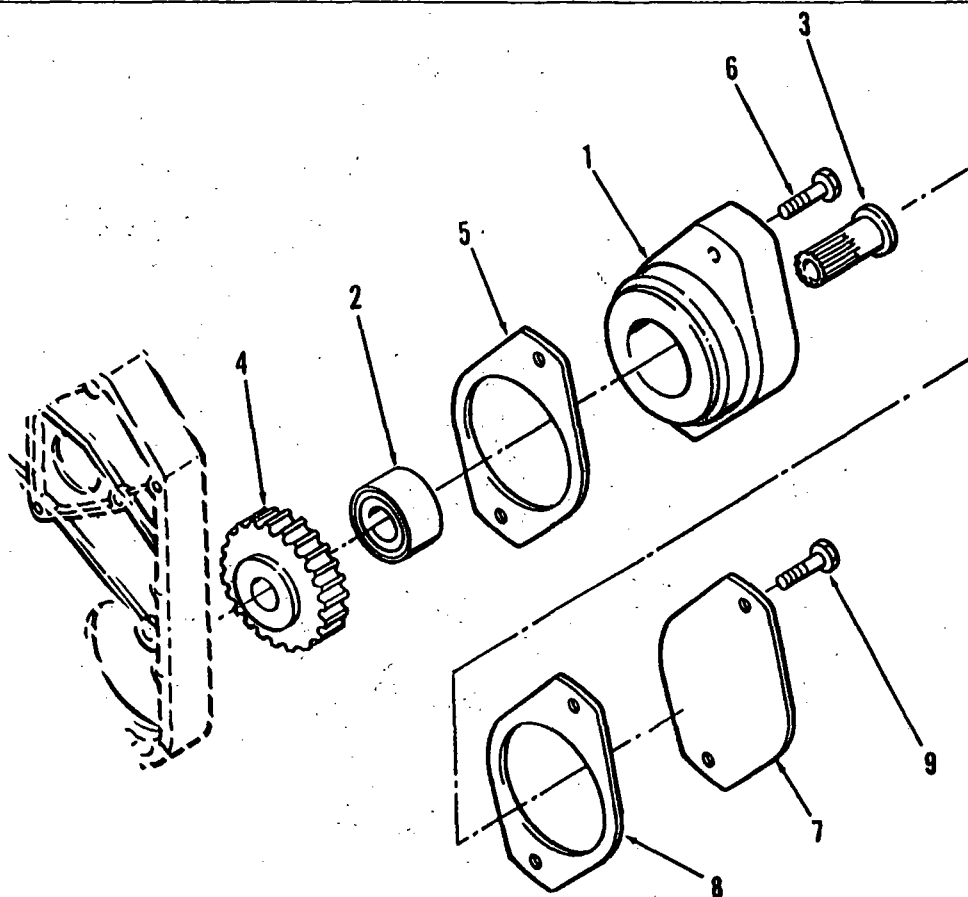
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903108	Adapter, Acc Drv	1	x	x	x	S.A.E. B Flange
2	3903918	Adapter, Acc Drv	1	x	x	x	
3	3902601	Bearing	1	x	x	x	
4	3902597	Shaft, Acc Drv Gear	1	x	x	x	13 Tooth Spline
5	3902595	Gear, Acc Drv Gear	1	x	x	x	
6	3008400	Gasket, PTO Dry Cov	2	x	x	x	M12-1.75 x 65
7	3200782	Plate, PTO Dry Cov	1	x	x	x	
	3902115	Screw, Hex Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9008



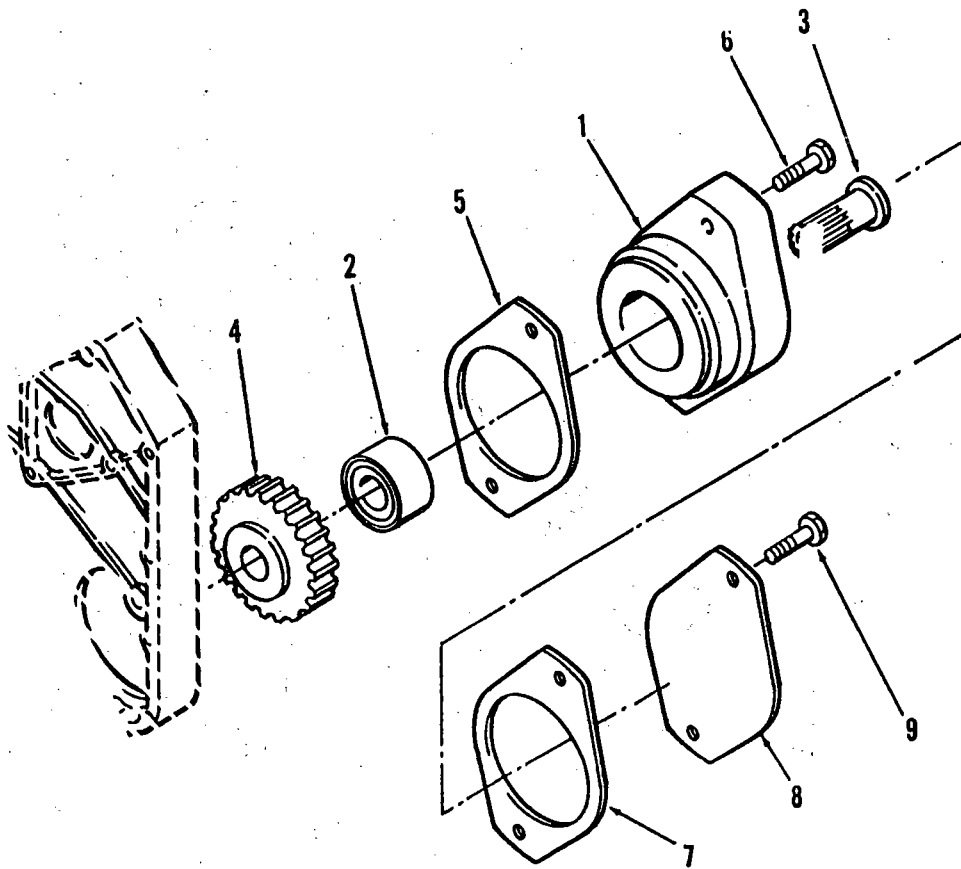
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903106	Adapter, Acc Drv	1	x	x	x	SAE "A" flange
	3903917	Front Gear Train	1	x	x	x	
2	3902601	Adapter, Acc Drv	1	x	x	x	9 Tooth Spline
3	3902599	Front Gear Train	1	x	x	x	
4	3902595	Bearing	1	x	x	x	M12-1.75 x 35
5	3008400	Shaft, Acc Drv	2	x	x	x	
6	3900637	Gear, Acc Drv	1	x	x	x	M10-1.50 x 30
7	204048	Gasket, PTO Drv Cov	1	x	x	x	
8	154916	Plate, PTO Drv Cov	1	x	x	x	
9	3903112	Gasket, Plate	2	x	x	x	
		Screw, Hex Head Cap					

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9009



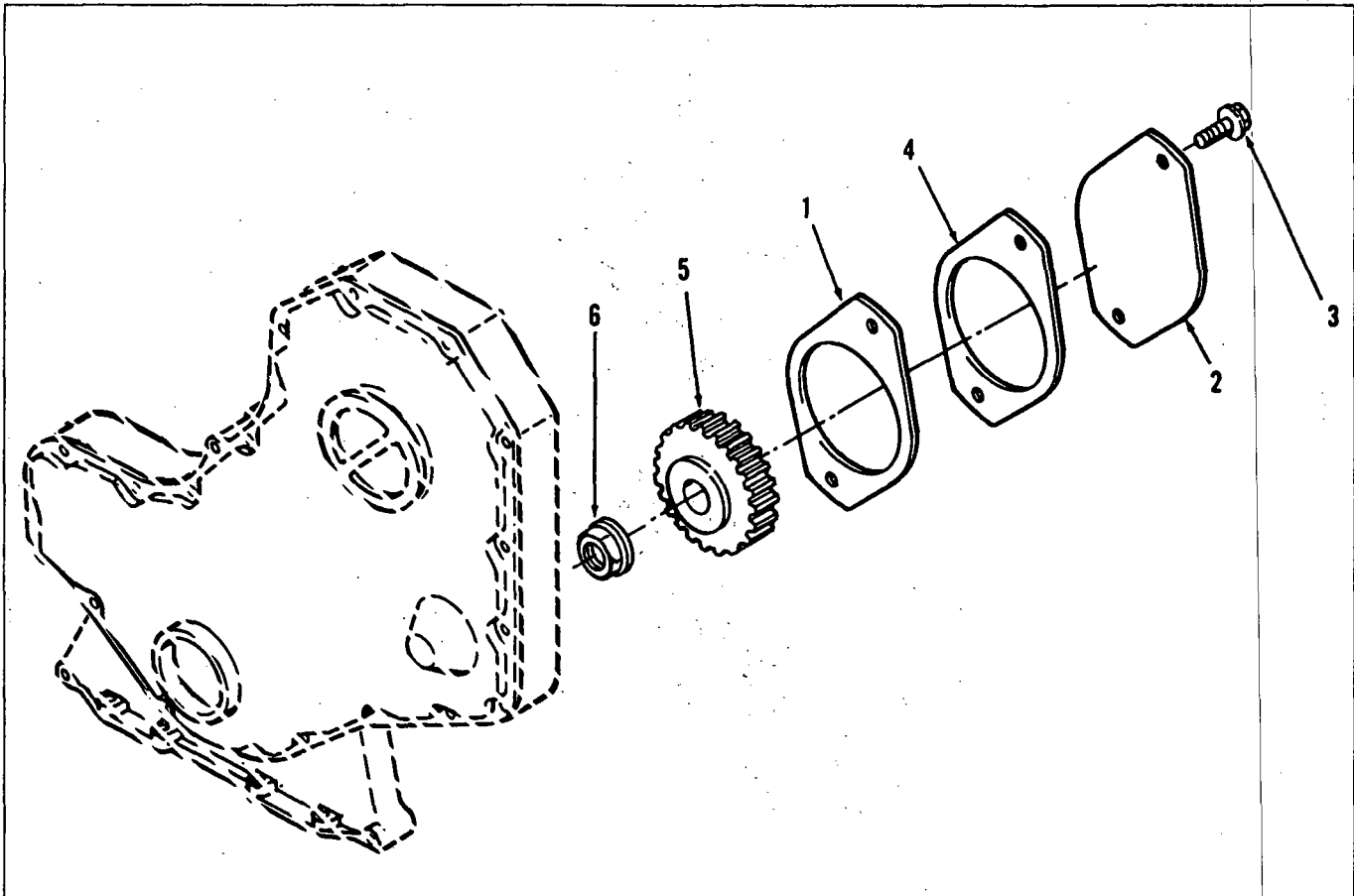
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903107	Adapter, Acc Dr	1	x	x	x	SAE "A" flange
2	3903917	Front Gear Train	1	x	x	x	
3	3902601	Bearing	1	x	x	x	
4	3902598	Shaft, Acc Drv Gear	1	x	x	x	11 Tooth Spline
5	3902595	Gear, Acc Drv	1	x	x	x	
6	3008400	Gasket, PTO Drv Cov	1	x	x	x	
7	3900637	Screw, Hex Head Cap	2	x	x	x	
8	154916	Gasket, PTO Drive Cov	1	x	x	x	
9	204048	Plate, PTO Drive Cov	1	x	x	x	
	3903112	Screw, Hex Head Cap	2	x	x	x	M10-1.50 x 30

Parts indented are included in the assembly or kit under which they are listed.

Group 09.04

DRIVE, FRONT GEAR TRAIN ACCESSORY

Option DF9012



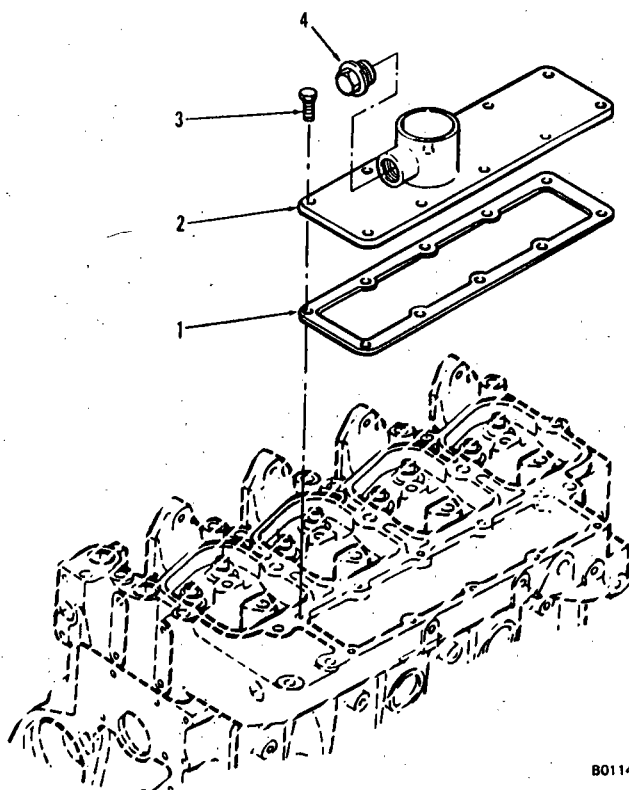
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3008400	Gasket, Hydraulic Pump	2	x	x	x	
2	3200782	Plate, Cover	1	x	x	x	
3	3901249	Screw, Hexagon Head	2	x	x	x	
4	3902603	Spacer, Hydraulic Pump	1	x	x	x	
5	3904827	Gear, Accessory Drive	1	x	x	x	
6	3904828	Nut, Hexagon Flange	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 10.01.02

MANIFOLD, AIR INTAKE

Option IC9001



B01145

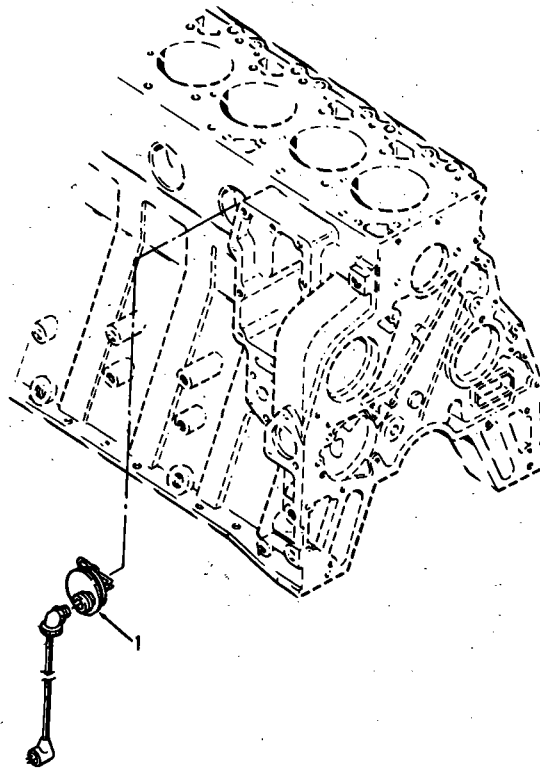
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901999	Gasket, Intake Man	1	x	x		M8-1.25 x 20
2	3903909	Cover, Intake Man	1	x	x		
3	3904341	Screw, Hex Head Cap	10	x	x		
4	3904319	Plug, Threaded	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 10.02

HEATER, COOLANT

Option CH9001



BO1287

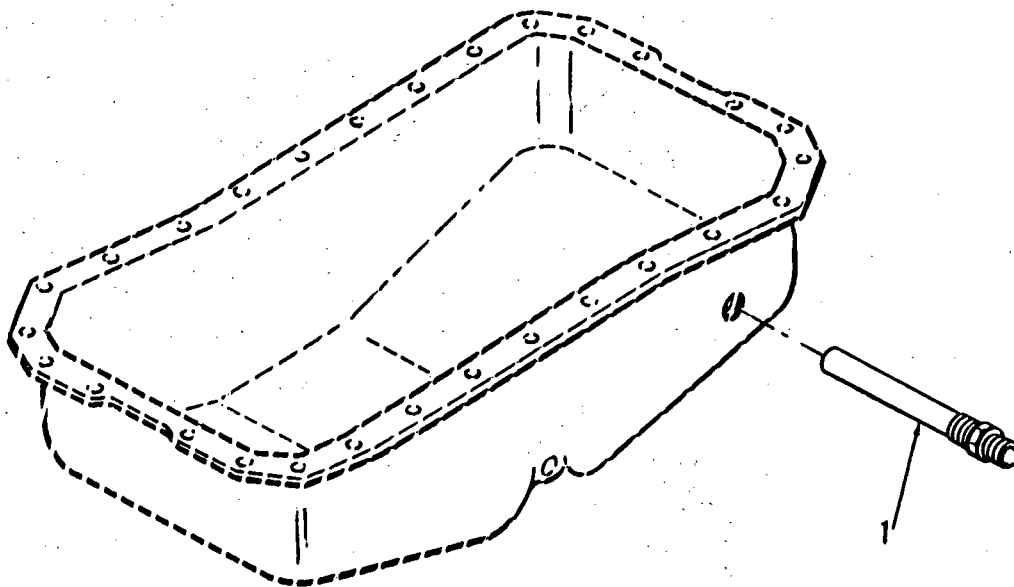
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903645	Heater, Engine	1	x	x	x	110 volt 600 watt

Parts indented are included in the assembly or kit under which they are listed.

Group 10.02

HEATER, LUBE OIL

Option OH9001, OH9002



B01049

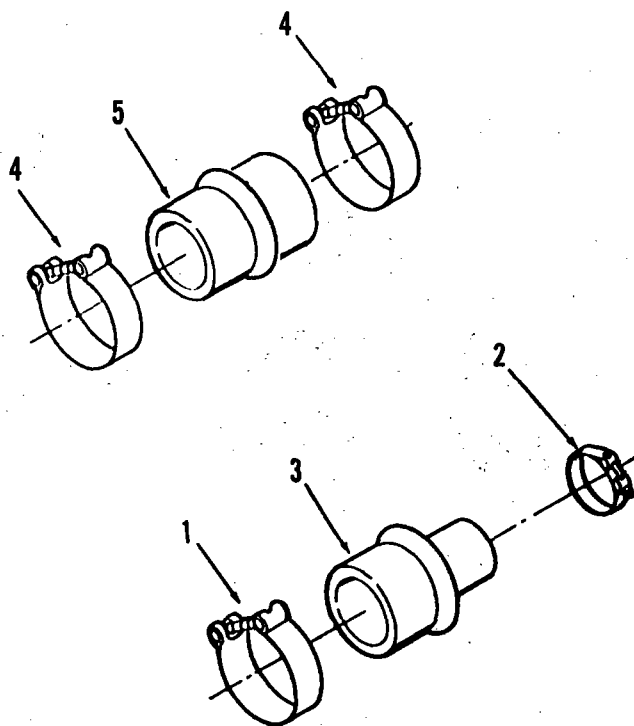
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904380	Heater, Engine Oil OH9001	1	x	x	x	110 volt, 150 watt
1	3904381	Heater, Engine Oil OH9002	1	x	x	x	220 volt, 150 watt

Parts indented are included in the assembly or kit under which they are listed.

Group 10.04.02

PLUMBING, AIR CLEANER

Option See Below



B01133

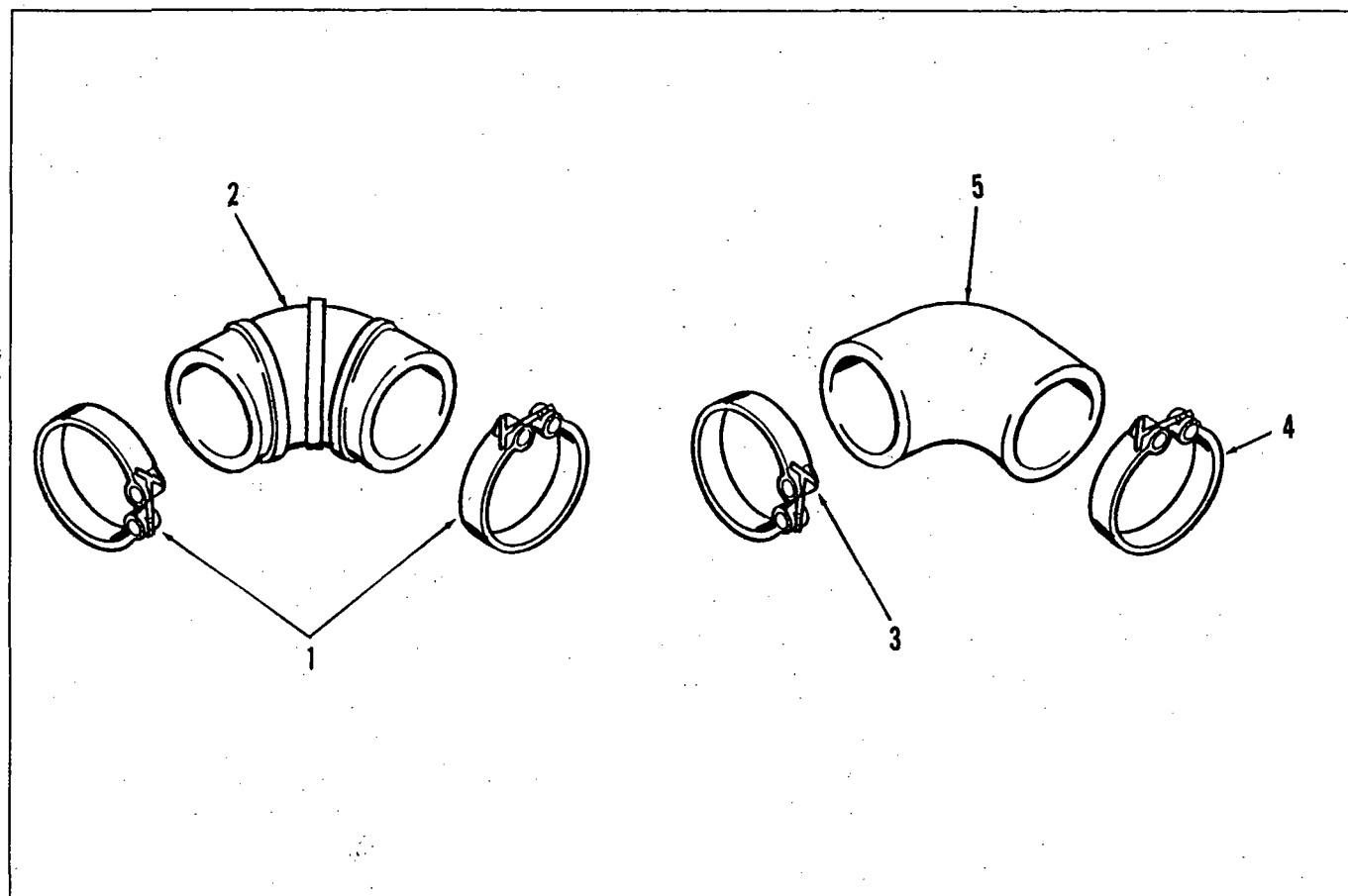
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	125740	Option CA9002	1		x	x	
2	135144	Clamp, T-Bolt	1		x	x	
3	3904060	Hose, Rubber Hump	1		x	x	
4	135144	Option CA9010	2		x	x	
5	3904059	Clamp, T-Bolt	1		x	x	
		Hose, Rubber Hump					

Parts indented are included in the assembly or kit under which they are listed.

Group 10.04.02

PLUMBING, AIR CLEANER

Option See Below



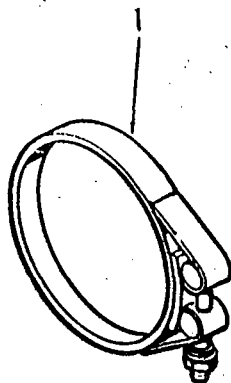
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	135144	Option CA9003 Clamp, T-Bolt	2		x	x	90 degree reducer
2	3904062	Elbow, Rubber	1		x	x	
3	125740	Option CA9004 Clamp, T-Bolt	1		x	x	
4	135144	Clamp, T-Bolt	1		x	x	
5	3904064	Elbow, Rubber	1		x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 10.04.02

PLUMBING, AIR CLEANER

Option See Below



B01167

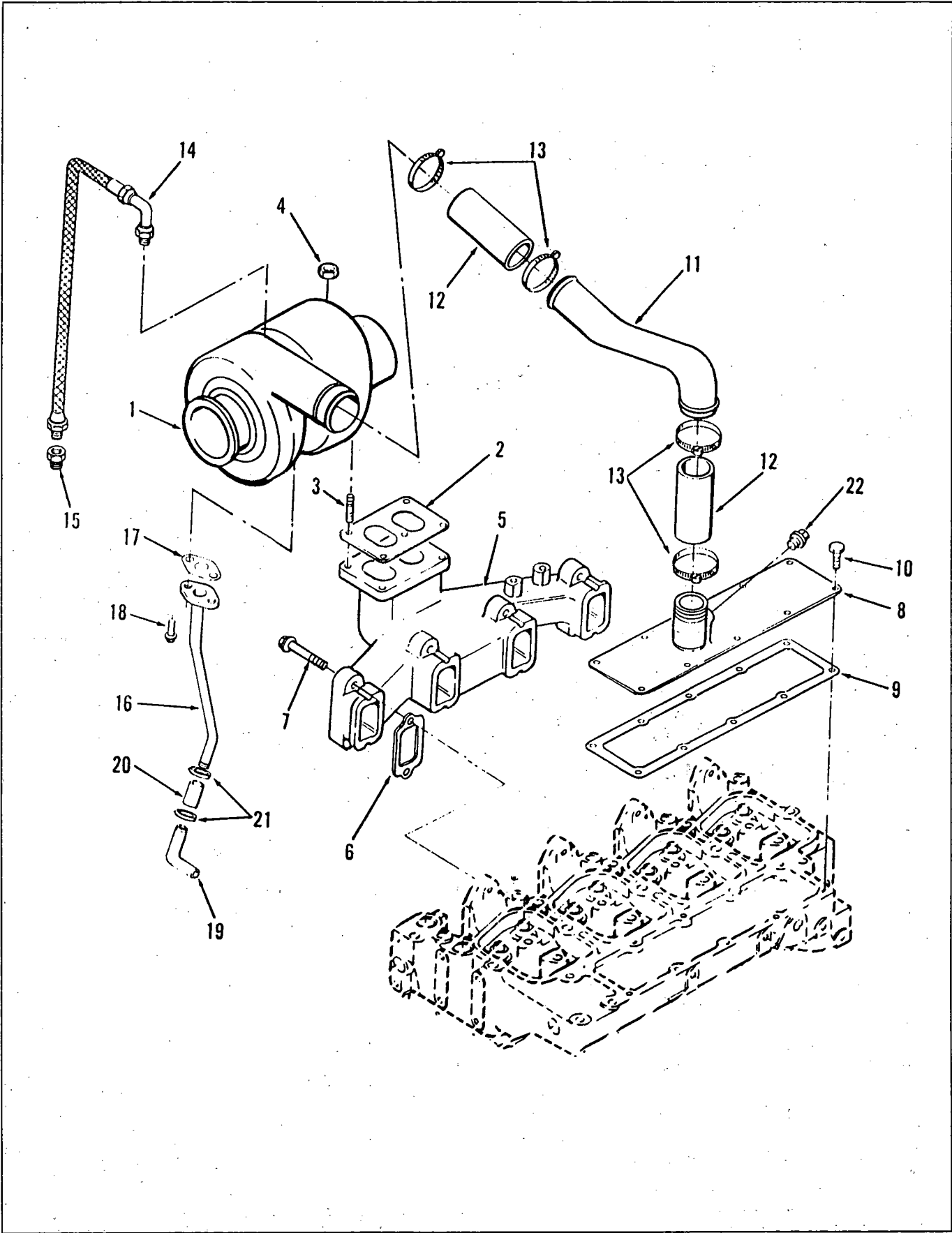
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	135144	Option CA9008 Clamp, T-Bolt	1		x	x	3" Conn.
1	125740	Option CA9009 Clamp, T-Bolt	1		x	x	4" Conn.

Parts indented are included in the assembly or kit under which they are listed.

Group 10.06

H1C TURBOCHARGER

Option See Part Name



Group 10.06

H1C TURBOCHARGER

Option See Part Name

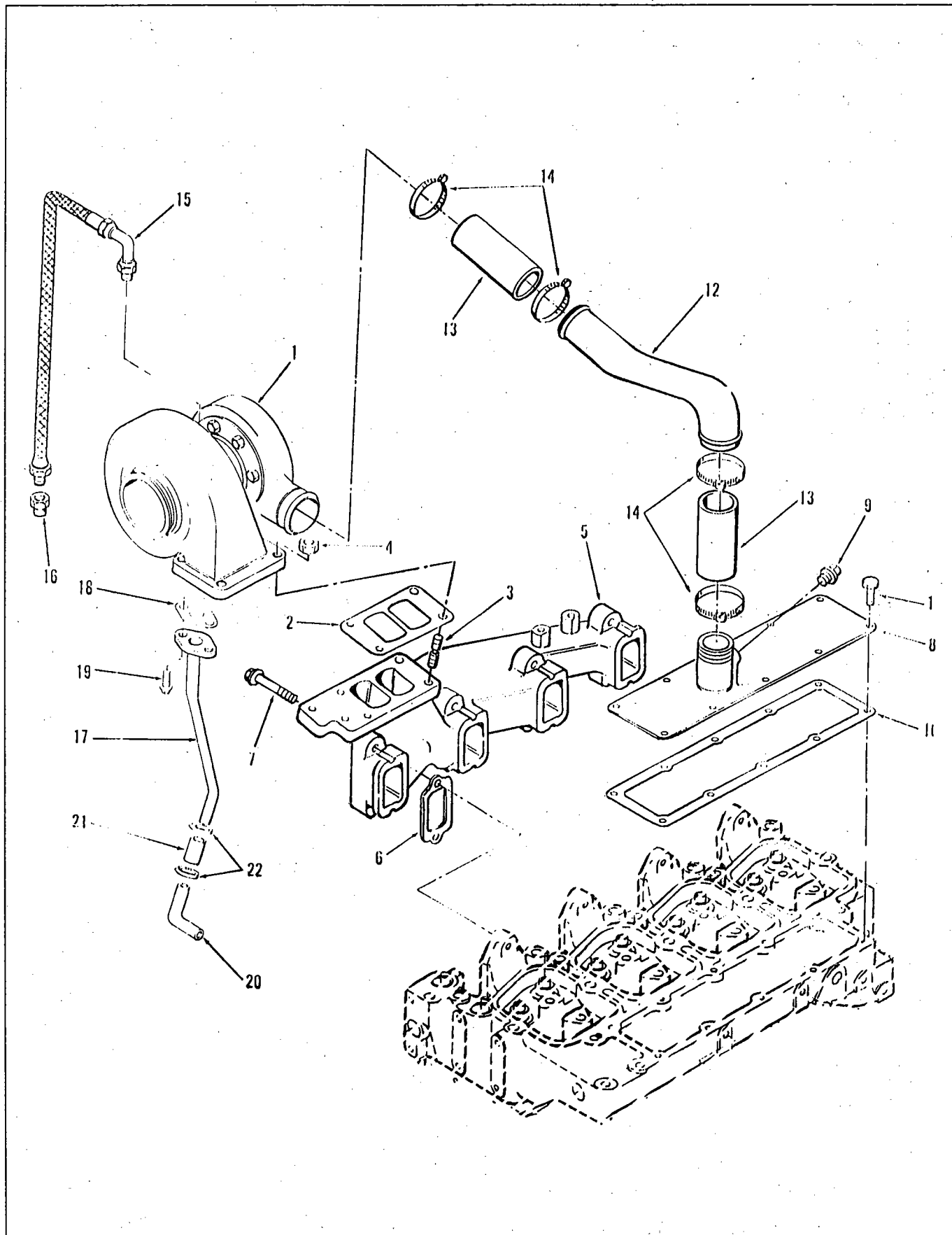
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903666	Option PP9701 Turbocharger	1		x		
2	3901356	Gasket, Turbocharger	1		x		
3	3905417	Stud	4		x		M10-1.25 & M10-1.50
4	3901961	Nut, Regular Hex	4		x		M10-1.25 x 9.0 thick
							LOCATION, TURBO
5	3901919	Option TB9001 Manifold, Exhaust	1		x		
6	3901456	Gasket, Manifold	4		x		
7	3901448	Screw, Hex Head Cap	8		x		
8	3903913	Cover, Intake Manifold	1		x		
9	3904319	Plug, Threaded	1		x		
10	3901999	Gasket, Intake Mfld.	1		x		
11	3904341	Screw, Hex Head Cap	10		x		M8-1.25 x 26 (Flanged)
12	3904342	Crossover	1		x		
13	3901804	Hose	2		x		
14	3008690	Clamp, Hose	4		x		
							PLUMBING, TURBO
15	3903658	Option TB9701 Hose, Turbo Oil Supply	1		x		
16	S-1008-1	Connector, Female	1		x		
17	3903740	Tube, Oil Drain	1		x		
18	3901805	Gasket, Oil Drain	1		x		
19	3900630	Screw, Hex Head Cap	2		x		M8-1.25 x 20 (Flanged)
20	3903744	Tube, Turbo Oil	1		x		
21	3903745	Hose	1		x		
22	43828-A	Clamp, Hose	2		x		

Parts indented are included in the assembly or kit under which they are listed.

Group 10.06

H1C TURBOCHARGER

Option See Part Name



GROUP 10.06

H1C TURBOCHARGER

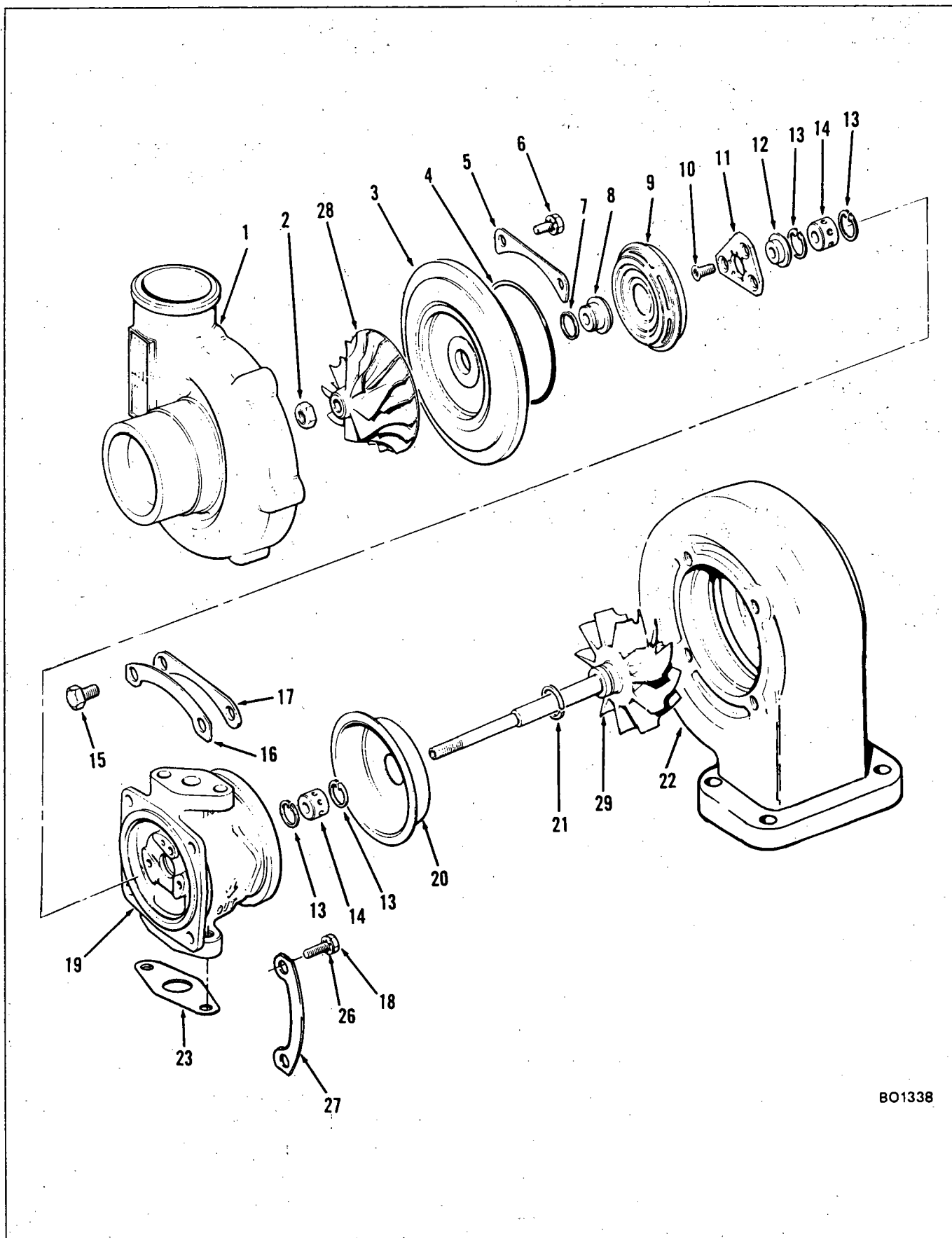
Option See Part Name

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903667	Option PP9702 Turbocharger	1		x		
2	3901356	Gasket, Turbocharger	1		x		
3	3905417	Stud	4		x		M10-1.25 & M10-1.50
4	3901961	Nut	4		x		M10-1.25 x 9.0
							LOCATION, TURBO
5	3901635	Option TB9002 Manifold, Exhaust	1		x		
6	3901456	Gasket, Manifold	4		x		
7	3901448	Screw, Hex Head Cap	8		x		M10-1.5 x 65 (Flanged)
8	3904340	Cover, Intake Mfld.	1		x		
9	3901999	Gasket, Intake Cover	1		x		
10	3904341	Screw, Hex Head Cap	10		x		M8-1.25 x 26
11	3904343	Crossover	1		x		
12	3901804	Hose	2		x		
13	3008690	Clamp, Hose	4		x		
22	3904319	Plug, Threaded	1		x		
							PLUMBING, TURBO
14	3903931	Option TP9702 Hose, Turbo Oil Supply	1		x		5/8-18 Thread, Both End
15	S1008	Connector, Female	1		x		1/4 NPTF to 5/8-18 UNF
16	3903741	Tube, Oil Drain	1		x		
17	3901805	Gasket, Oil Drain Tube	1		x		
18	3900630	Screw, Hex Head Cap	2		x		M8-1.25 x 20 (Flanged)
19	3903744	Tube, Turbo Oil	1		x		
20	3903745	Hose	1		x		
21	43828-A	Clamp, Hose	2		x		

Parts indented are included in the assembly or kit under which they are listed.

Group 10.06

H1C TURBOCHARGER



BO1338

Group 10.06

H1C TURBOCHARGER

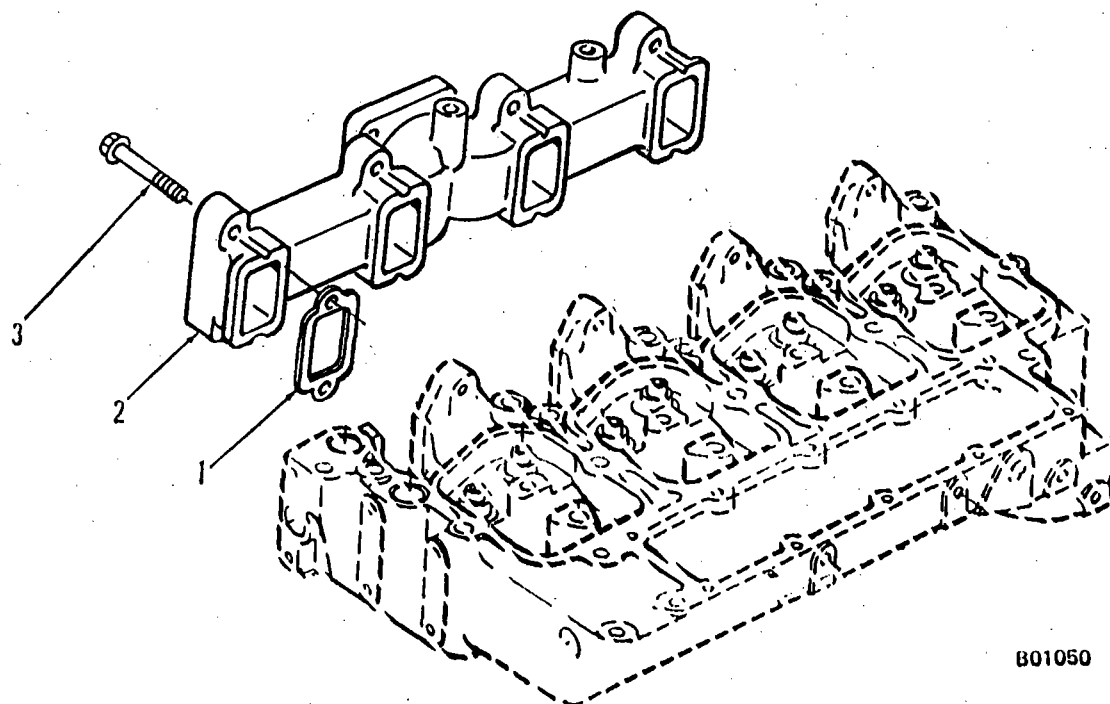
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904748	Housing, Compressor	1		x	x	
4	3904751	Seal, Square Ring	1		x	x	
5	3904752	Plate, Clamp	3		x	x	
9	3904756	Baffle, Oil	1		x	x	
18	3904765	Capscrew	4		x	x	
19	3904766	Housing, Bearing	1		x	x	
22	3904769	Housing, Turbine	1		x	x	
23	3904770	Gasket, Oil Drain	1		x	x	
24	3904771	Assembly, Rotor	1		x	x	
28	3905460	Impeller, Turbo	1		x	x	
29	3905461	Shaft and Wheel	1		x	x	
12	3904759	Collar, Thrust	1		x	x	
8	3904755	Slinger, Oil	1		x	x	
2	3904749	Locknut	1		x	x	
25	3802007	Kit, Overhaul	1		x	x	
26	3904774	Lockwasher	6		x	x	
27	3904775	Lockplate	2		x	x	
21	3904768	Seal, Piston Ring	1		x	x	
17	3904765	Capscrew	4		x	x	
16	3904763	Lockplate	2		x	x	
15	3904762	Capscrew	2		x	x	
14	3904761	Bearing	2		x	x	
13	3904760	Ring, Snap	4		x	x	
11	3904758	Bearing, Thrust	1		x	x	
10	3904757	Screw, Torx Head	3		x	x	
7	3904754	Seal, Piston Ring	1		x	x	
6	3904753	Capscrew	6		x	x	
3	3904751	Seal, Square Ring	1		x	x	
2	3904749	Locknut	1		x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01

MANIFOLD, EXHAUST

Option XM9001



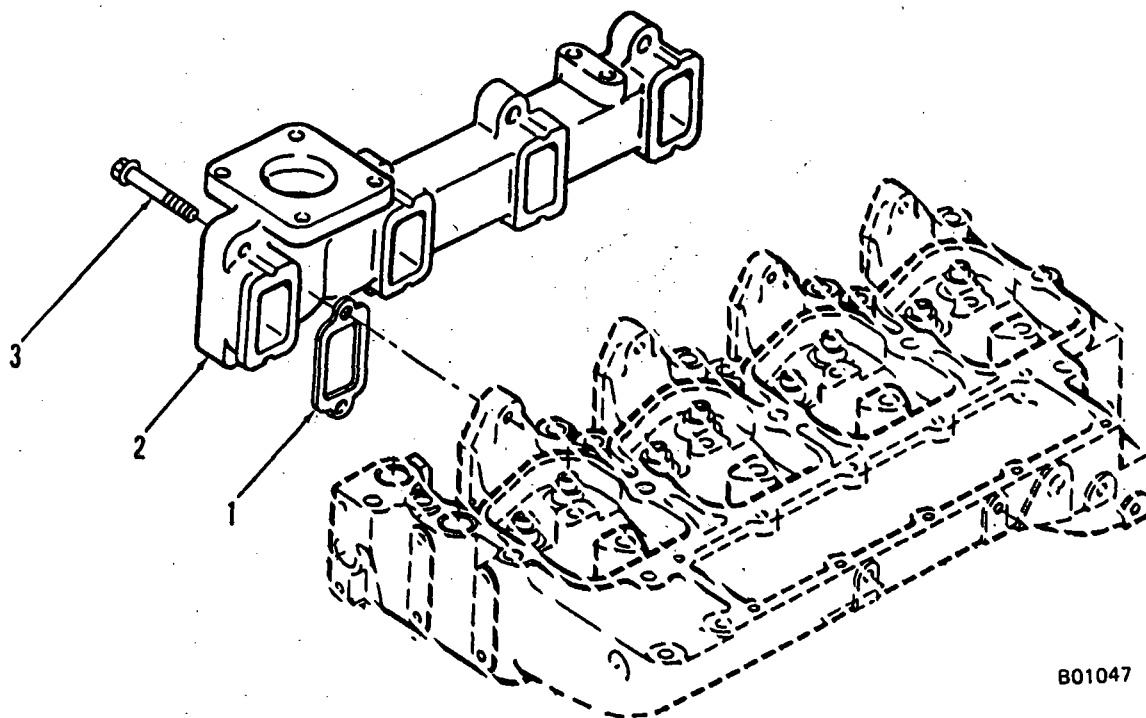
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901456	Gasket, Manifold	4	x			M10-1.50 x 65 (Flanged)
2	3901223	Manifold, Exhaust	1	x			
3	3901448	Screw, Hex Head Cap	8	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01

MANIFOLD, EXHAUST

Option XM9002



B01047

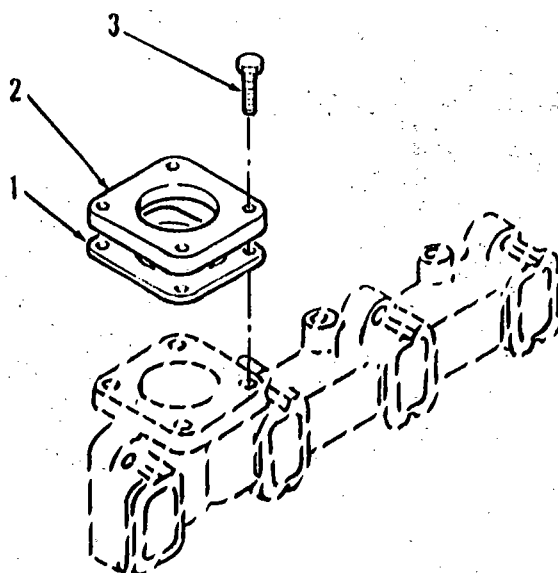
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901456	Gasket, Manifold	4	x			M10-1.50 x 65 (Flanged)
2	3902274	Manifold, Exhaust	1	x			
3	3901448	Screw, Hex Head Cap	8	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01.01

CONNECTION, EXHAUST

Option XS9001



B0113B

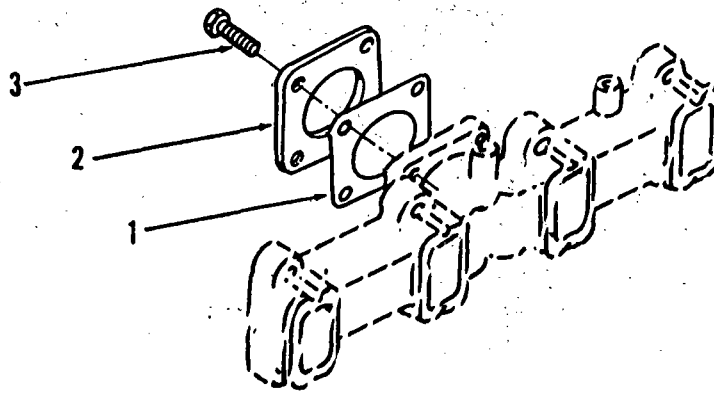
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903251	Gasket, Exh Out Conn	1	x			M10-1.50 x 25
2	3904054	Flange, Weld	1	x			
3	3900623	Screw, Hex Head Cap	4	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01.01

CONNECTION, EXHAUST

Option XS9002



B01137

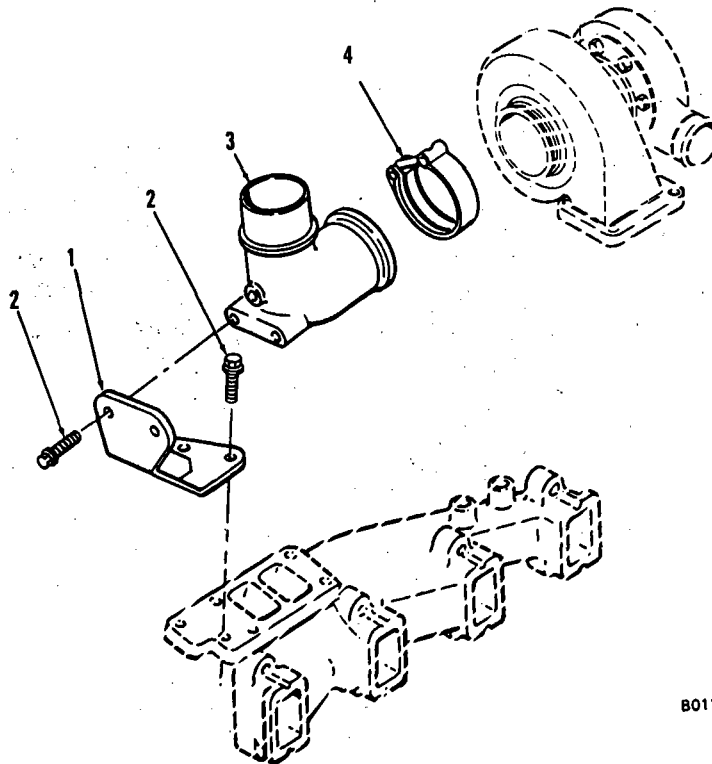
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903252	Gasket, Exh Out Conn	1	x			M10-1.50 x 25
2	3904836	Flange, Weld	1	x			
3	3900623	Screw, Hex Head Cap	4	x			

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01.01

PIPE, EXHAUST OUT FRONT

Option XS9004



801113

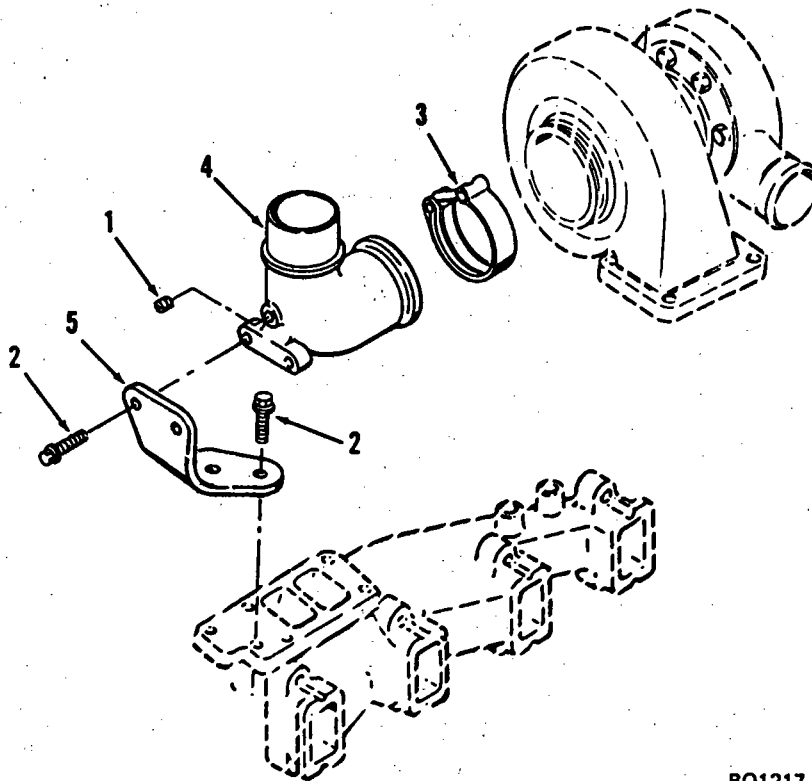
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903759	Bracket, Exhaust Outlet	1		x		M10-1.50 x 22 (Flg.)
2	3902460	Screw, Hex Head Cap	4		x		
3	3903758	Conn, Exhaust Outlet	1		x		
4	3903652	Clamp, V Band	1		x		

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01.01

PIPE, EXHAUST OUT REAR

Option XS9006



B01217

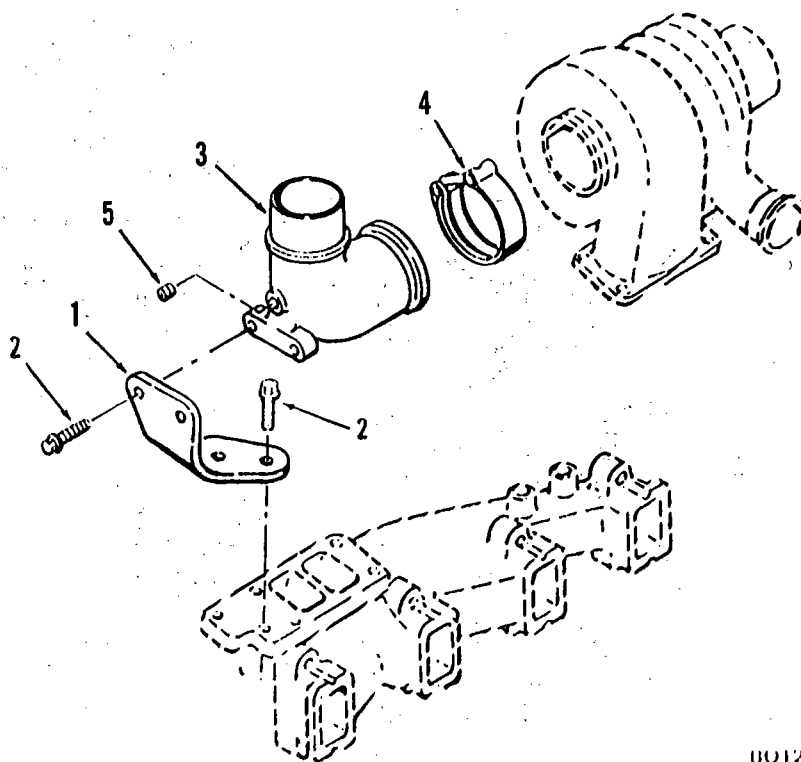
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903760	Bracket, Exh Out Ppe	1		x		M10-1.50 x 22 (Flg.)
2	3902460	Screw, Hex Head Cap	4		x		
3	3903758	Conn, Exhaust Outlet	1		x		
4	3903652	Clamp, V Band	1		x		
5	S-910-B	Plug, Pipe	1		x		

Parts indented are included in the assembly or kit under which they are listed.

Gorup 11.01.01

PIPE, EXHAUST OUT

Option XS9016



001217

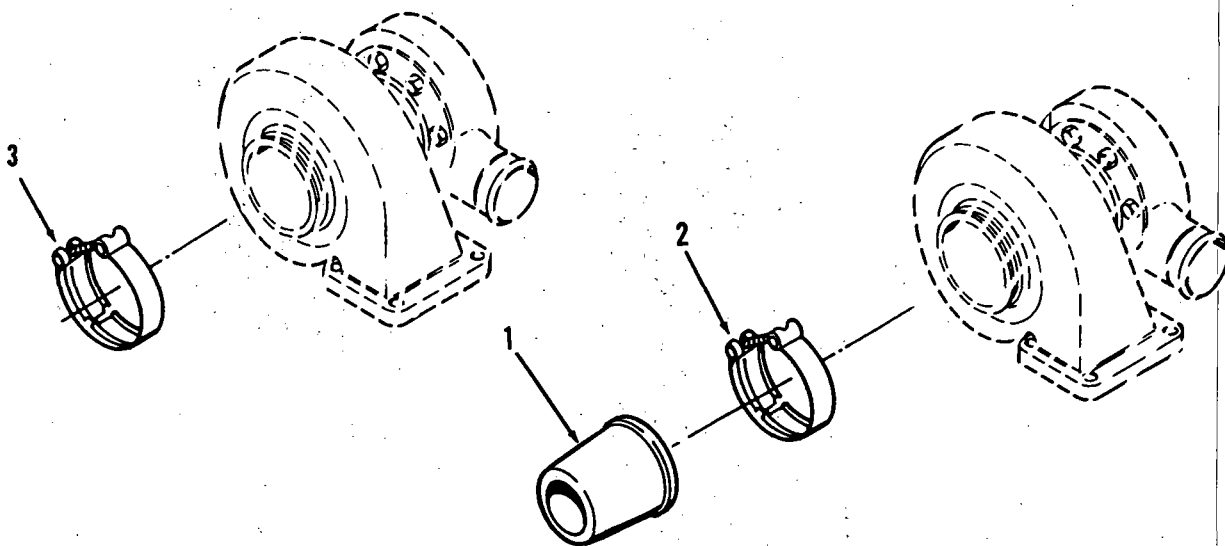
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904986	Brace, Exh Out Conn	1		x	x	
2	3902460	Screw, Hexagon Head Cap	4		x	x	
3	3904860	Conn, Exhaust Outlet	1		x	x	
4	3903652	Clamp, V Band	1		x	x	
5	S-910-B	Plug, Pipe	1		x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 11.01.01

CONNECTION, EXHAUST

Option See Below



B01134

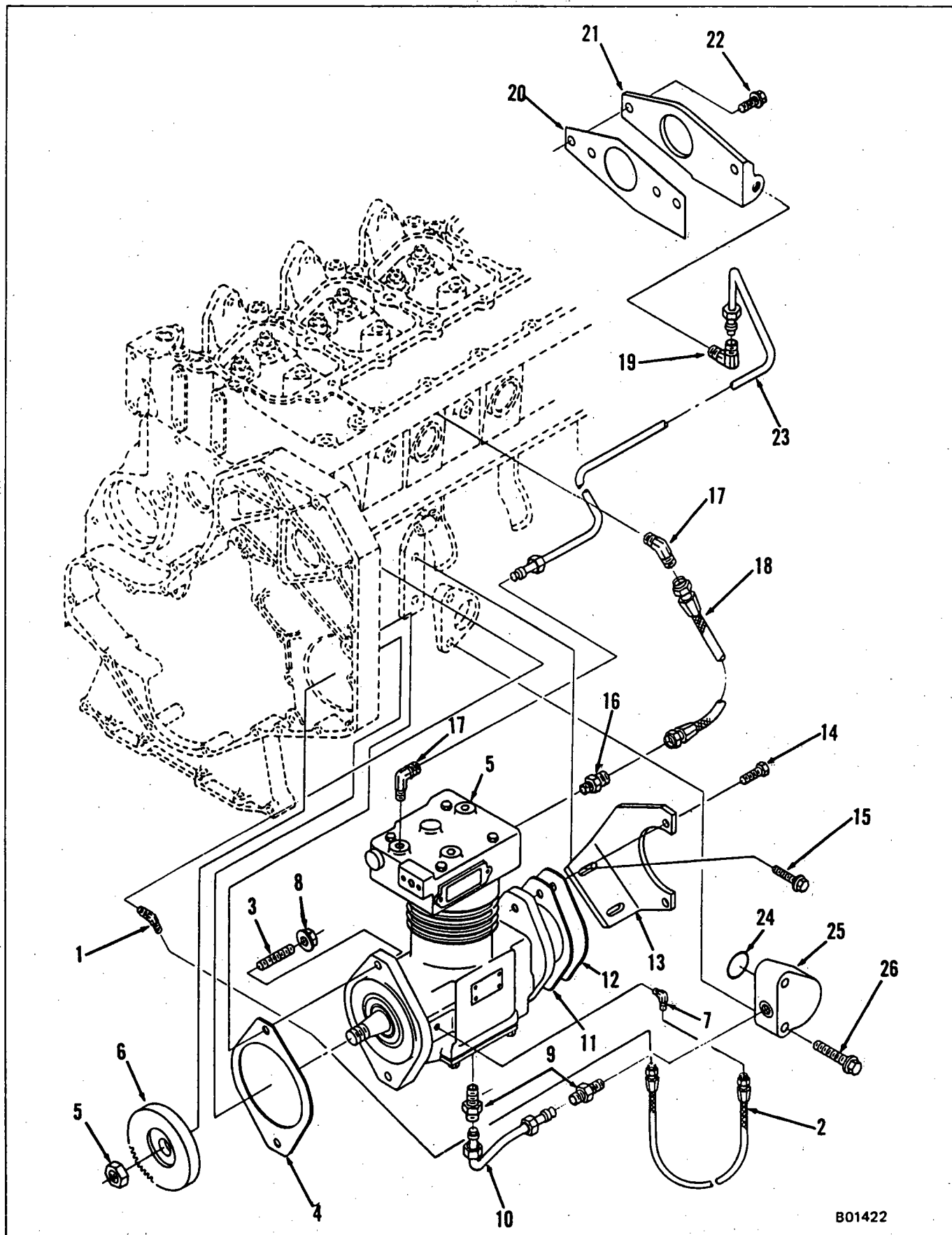
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903552	Option XS9008	1		x	x	76.2mm
2	3903652	Connection, Straight	1		x	x	
		Clamp, V-Band					
1	3903652	Option XS9009	1		x	x	
		Clamp, V-Band					

Parts indented are included in the assembly or kit under which they are listed.

Group 12.02

COMPRESSOR, AIR

Option CP9002



B01422

Group 12.02

COMPRESSOR, AIR

Option CP9002

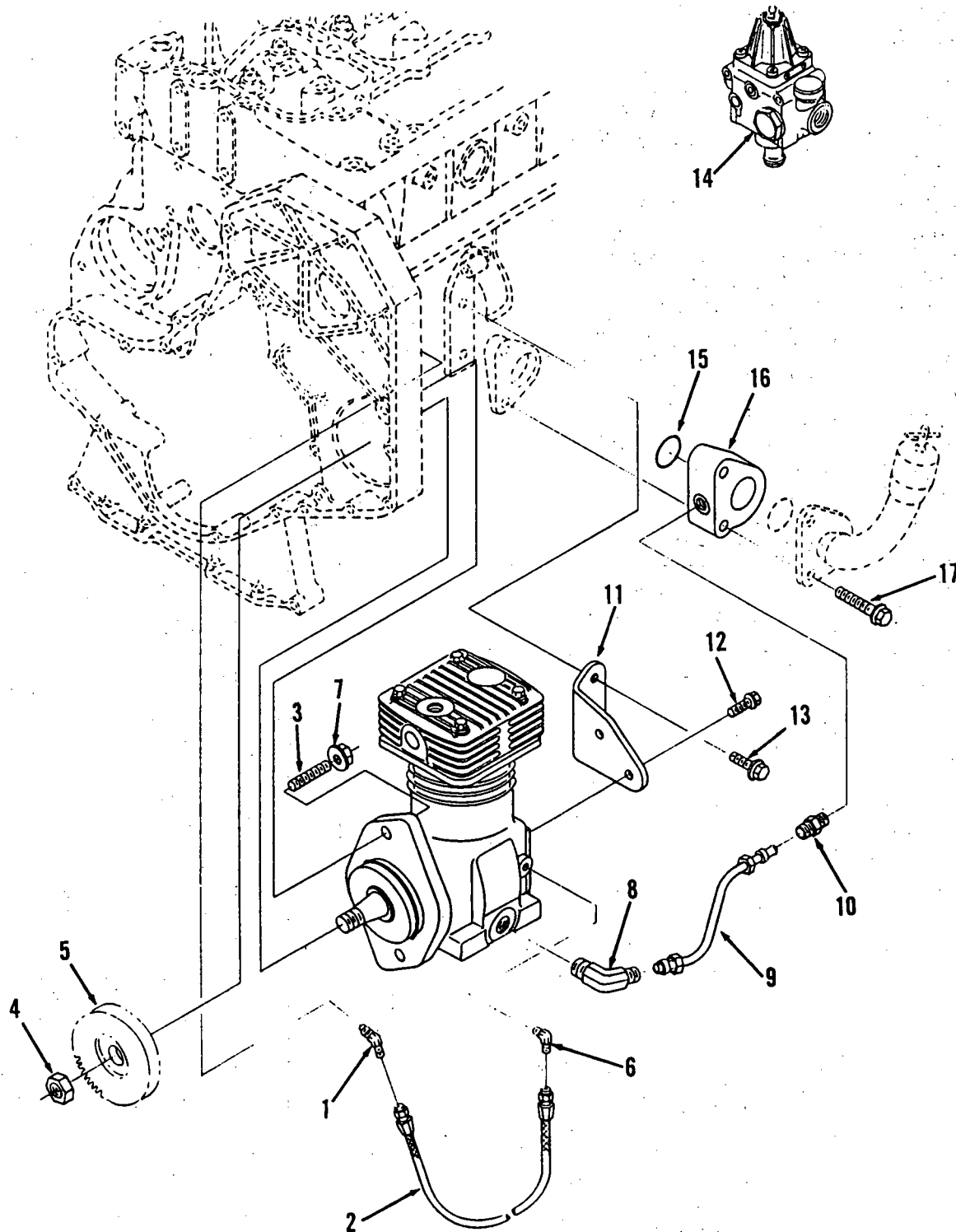
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	S-1047-A	Elbow, Male	1	x	x		
2	3904982	Hose, Flexible	1	x	x		
3	3905371	Stud	2	x	x		
4	3008400	Gasket, Hyd. Pump	1	x	x		
5	3905686	Compr., Bendex Air	1	x	x		
6	39056508	Gear, Accessory Drive	1	x	x		
7	68139	Elbow, 90 Male	1	x	x		
8	3903210	Nut, Hex	2	x	x		
9	204994	Connector, Male	2	x	x		
10	3905310	Tube, Lub Oil Drain	1	x	x		
11	154916	Gasket, Hyd. Pump	1	x	x		
12	204048	Plate, Cover	1	x	x		
13	3906026	Brace, Air Comp.	1	x	x		
14	S-112	Screw, Hex Head Cap	2	x	x		
15	3900630	Screw, Hex Head Cap	2	x	x		
16	105502	Connector, Male	1	x	x		
17	204995	Elbow, Male	2	x	x		
18	3905502	Hose, Flexible	1	x	x		
19	3905503	Elbow, Male Adapter	1	x	x		
20	3905714	Gasket, Water	1	x	x		
21	3905314	Conn, Water	1	x	x		
22	3901249	Screw, Hex Head Cap	2	x	x		
23	3905311	Tube, Water	1	x	x		
24	3904789	Seal, O-Ring	1	x	x		
25	3904692	Connection, Spacer	1	x	x		
26	3901859	Screw, Hex Head Cap	2	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 12.02

COMPRESSOR, AIR

Option CP9003



B01421

Group 12.02

COMPRESSOR, AIR

Option CP9003

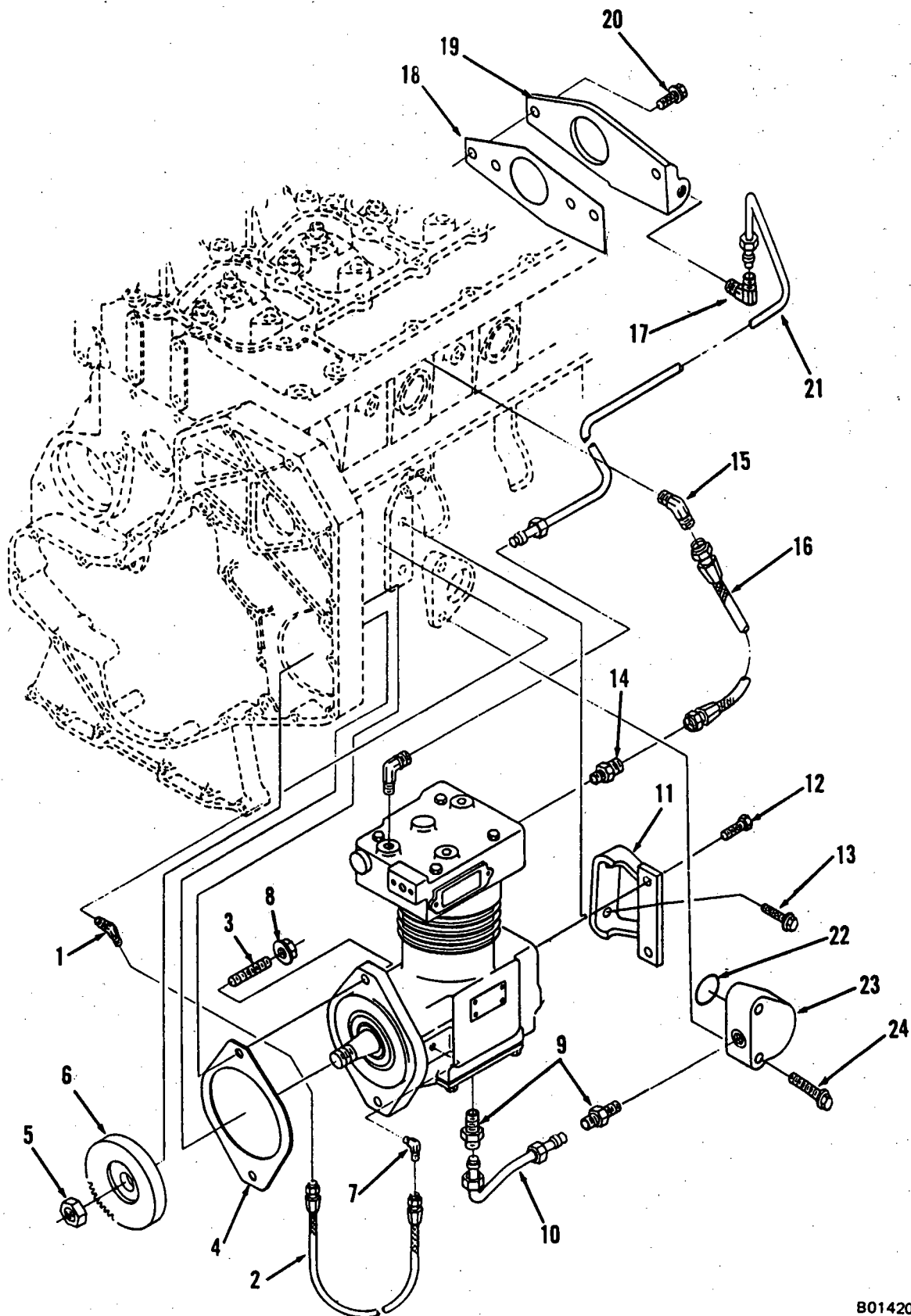
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	S-1047-A	Elbow, Male	1	x	x		
2	3904982	Hose, Flexible	1	x	x		
3	3905371	Stud	2	x	x		
4	3904994	Compressor, Wabco Air	1	x	x		
5	3904724	Gear, Accessory Drive	1	x	x		
6	68139	Elbow, Male Adapter	1	x	x		
7	3903210	Nut, Hex	2	x	x		
8	204995	Elbow, Male Adapter	1	x	x		
9	3904723	Tube, Lub oil Drain	1	x	x		
10	204994	Conn. Male	1	x	x		
11	3905727	Brace, Air Comp	1	x	x		
12	3905727	Screw, Hex Head Cap	2	x	x		
13	3900630	Screw, Hex Head Cap	2	x	x		
14	3905367	Valve, Air Comp.	1	x	x		
15	3904789	Seal, O-ring	1	x	x		
16	3904693	Connection, Spacer	1	x	x		
17	3905372	Screw, Hex Head	2	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 12.02

COMPRESSOR, AIR

Option CP9004



801420

Group 12.02

COMPRESSOR, AIR

Option CP9004

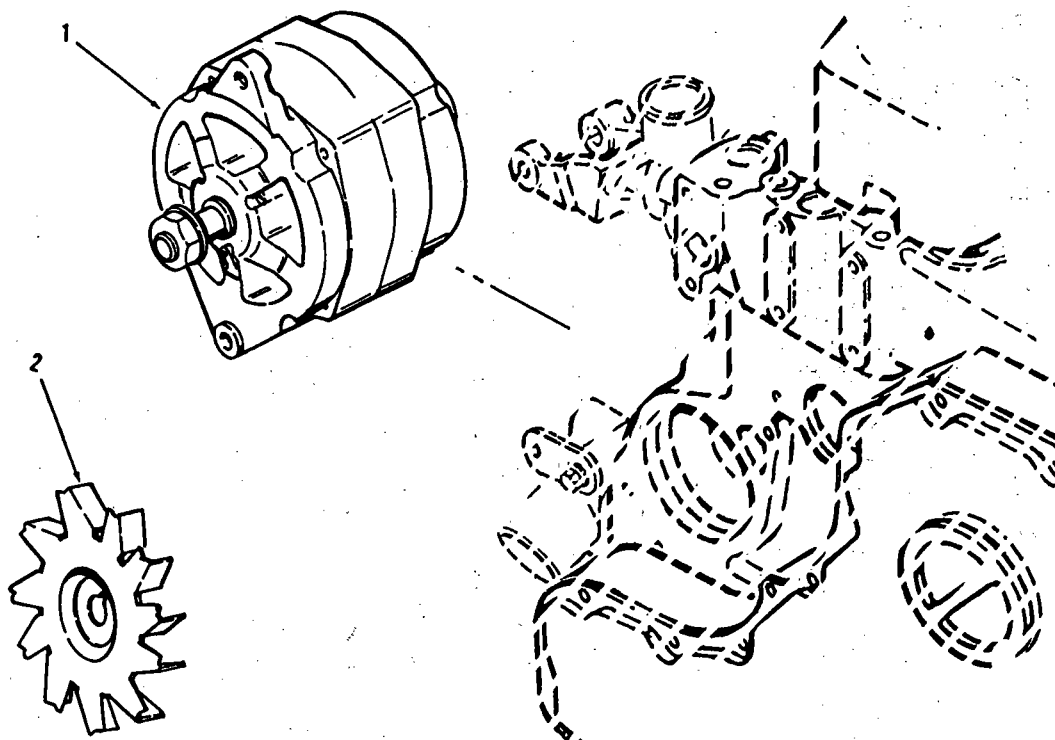
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	S-1047-A	Elbow, Male	1	x	x	x	
2	3904982	Hose, Flexible	1	x	x	x	
3	3905371	Stud	2	x	x	x	
4	3008400	Gasket, Hyd.pump	1	x	x	x	
5	3905724	Comp.Bendix Air	1	x	x	x	
6	3905608	Gear, Accessory Drive	1	x	x	x	
7	68139	Elbow, Male	1	x	x	x	
8	3903210	Nut, Hex	2	x	x	x	
9	204994	Connector, Male	2	x	x	x	
10	3905310	Tube, Lube Oil Drain	1	x	x	x	
11	3905725	Brace, Air Comp.	1	x	x	x	
12	S-102	Screw, Hex Head Cap	2	x	x	x	
13	3900630	Screw, HexHead Cap	1	x	x	x	
14	105502	Connector, Male	1	x	x	x	
15	204995	Elbow, Male	2	x	x	x	
16	3905502	Hose, Flexible	1	x	x	x	
17	3905503	Elbow, Male Adaptder	1	x	x	x	
18	3905714	Gasket, Water	1	x	x	x	
19	3905314	Conn. Water	1	x	x	x	
20	3901249	Screw, Hex Head Cap	2	x	x	x	
21	3905311	Tube, Water Supply	1	x	x	x	
22	3904789	Seal O-Ring	1	x	x	x	
23	3904692	Conn, Spacer	1	x	x	x	
24	3901859	Screw, Hex Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

ALTERNATOR

Option



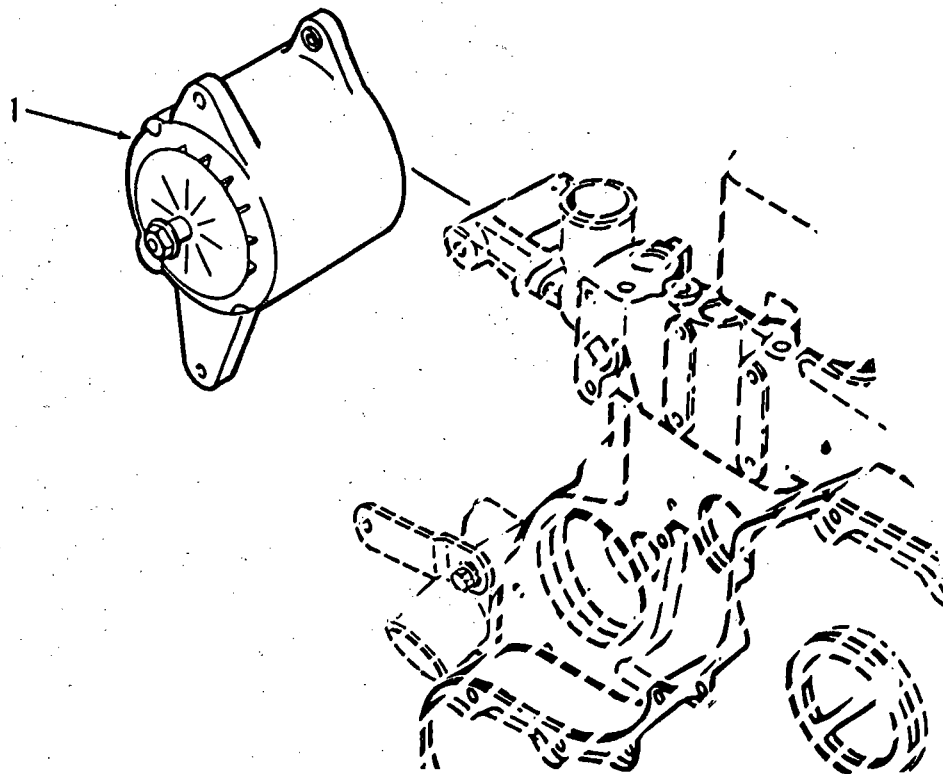
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901086	Alternator Option EE9001	1	x	x	x	Delco 12 volt 61 amp
1	3904053	Alternator Option EE9006	1	x	x	x	Delco 24 volt 40 amp
1	3905224	Alternator Option EE9010	1	x	x	x	Delco 12 volt 65 amp
1	3905225	Alternator Option EE9011	1	x	x	x	Delco 24 volt 45 amp
2	3904981	Fan, Alternator	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

ALTERNATOR

Option EE9002,9007



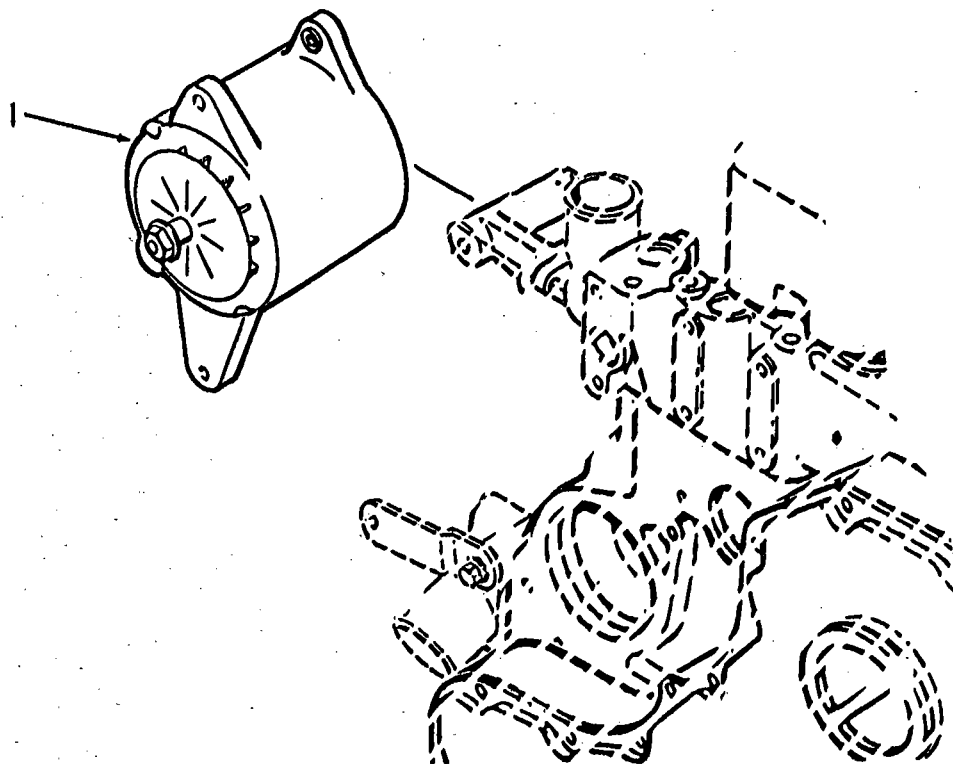
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3016628	Alternator Option EE9002	1	x	x	x	Delco 12 volt 60 amp
1	3906627	Alternator Option EE9007	1	x	x	x	Delco 24 volt 35 amp

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

ALTERNATOR

Option See Below



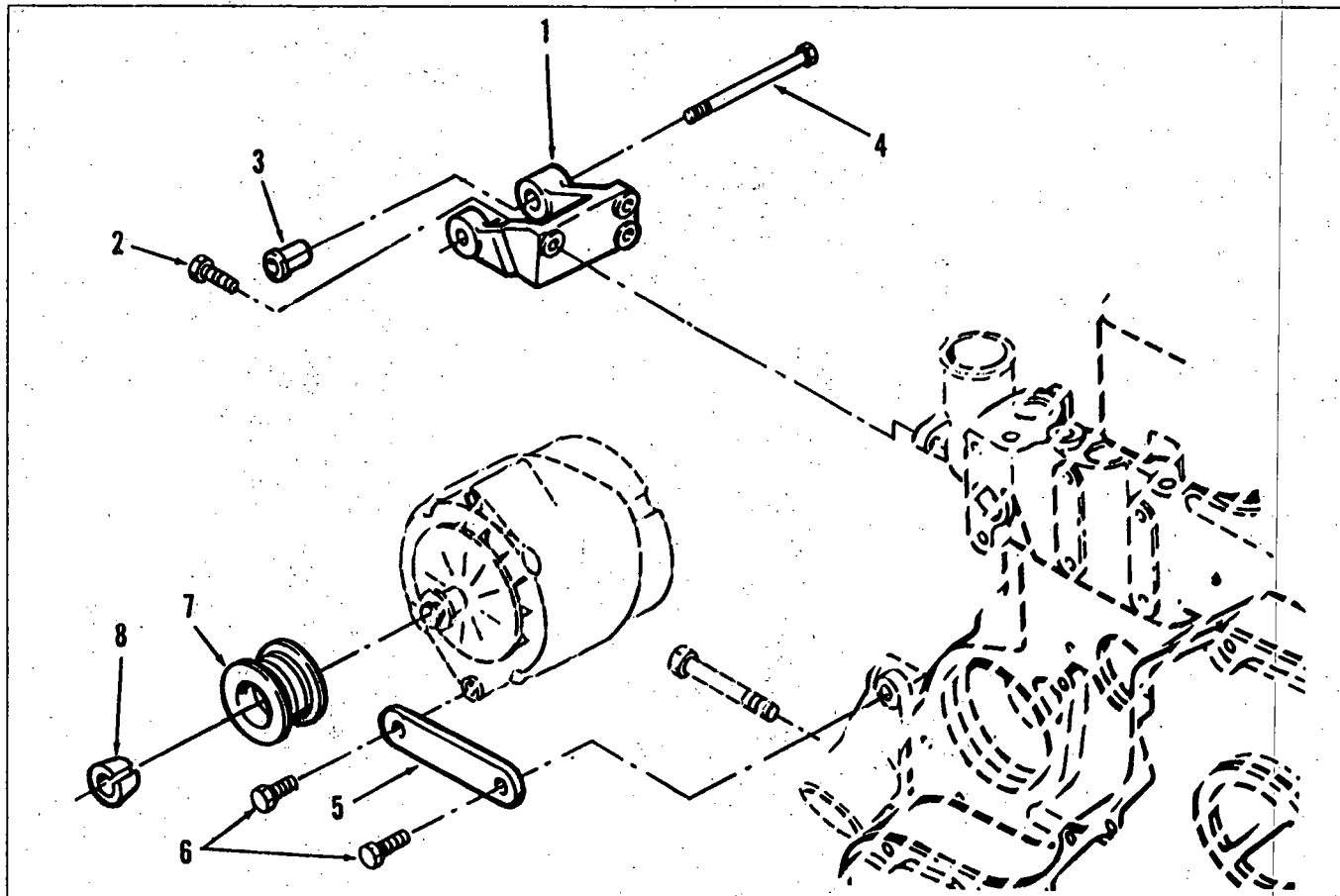
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903231	Alternator Option EE9005	1	x	x	x	Delco 12 volt 105 amp
1	213299	Alternator Option EE9008	1	x	x	x	Delco 12 volt 80 amp

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

MOUNTING, ALTERNATOR

Option EH9001



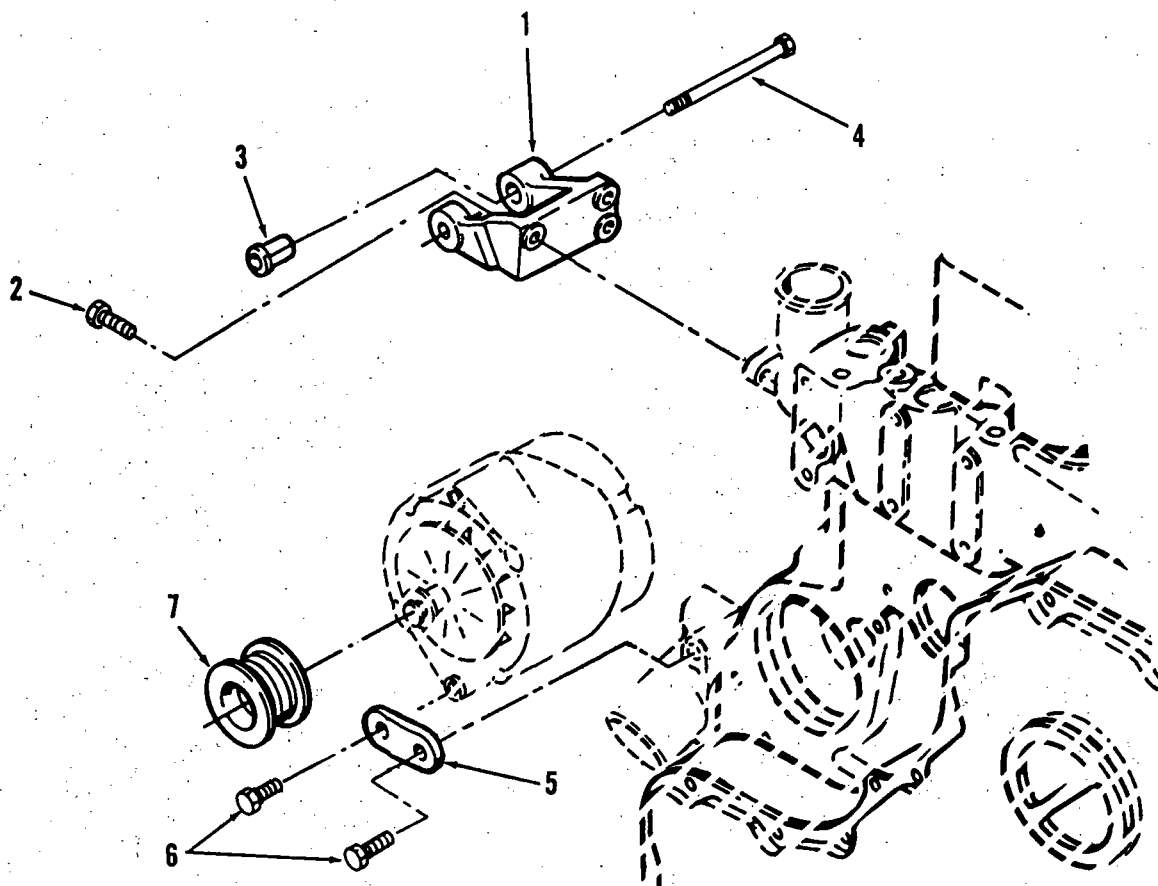
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903086	Support, Alternator	1	x	x		For Delco
2	3900621	Screw, Hex Head Cap	3	x	x		
3	3902469	Spacer, Mounting	1	x	x		M10 1.50 x 100
4	3901455	Screw, Hex Head Cap	1	x	x		
5	3903089	Brace, Alternator	1	x	x		M8 1.25 x 20
6	3900620	Screw, Hex Head Cap	2	x	x		
7	3903586	Pulley, Alternator	1	x	x		
8	3903333	Retainer, Alt. Pulley	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

MOUNTING, ALTERNATOR

Option EH9002



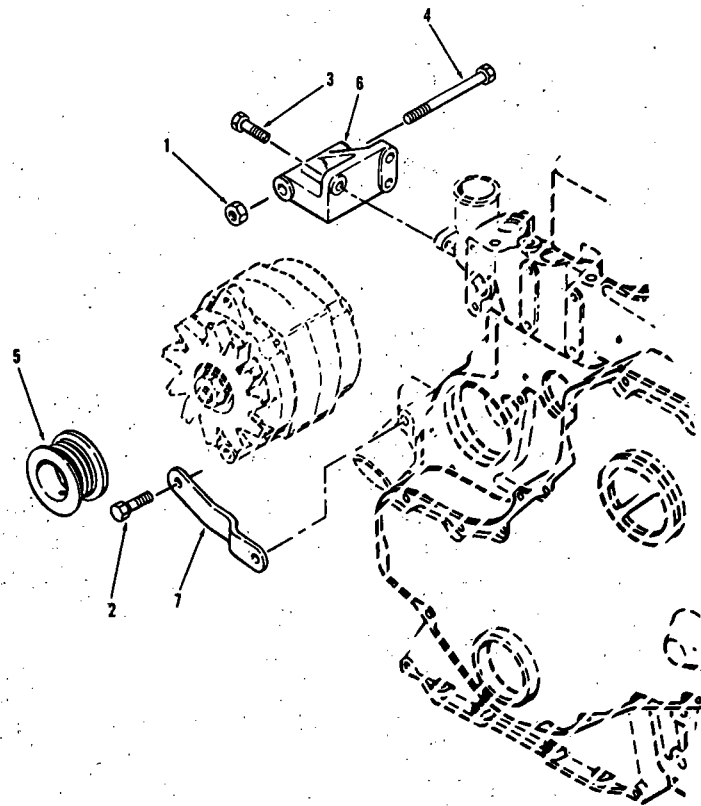
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903101	Support, Alternator	1	x	x		For Delco
2	3900621	Screw, Hex Head Cap	4	x	x		M8 1.25 x 25
3	3903105	Screw, Hex Head	1	x	x		M12 1.75 x 150 (Flg)
4	3903210	Nut, Hex	1	x	x		M12 1.75 (Flg)
5	3903104	Brace, Alternator	1	x	x		
6	S169	Screw, Hex Head Cap	1	x	x		1/2" 13UNC x 1.00
7	3902099	Pulley, Alternator	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

MOUNTING, ALTERNATOR

Option EH9003



B01239

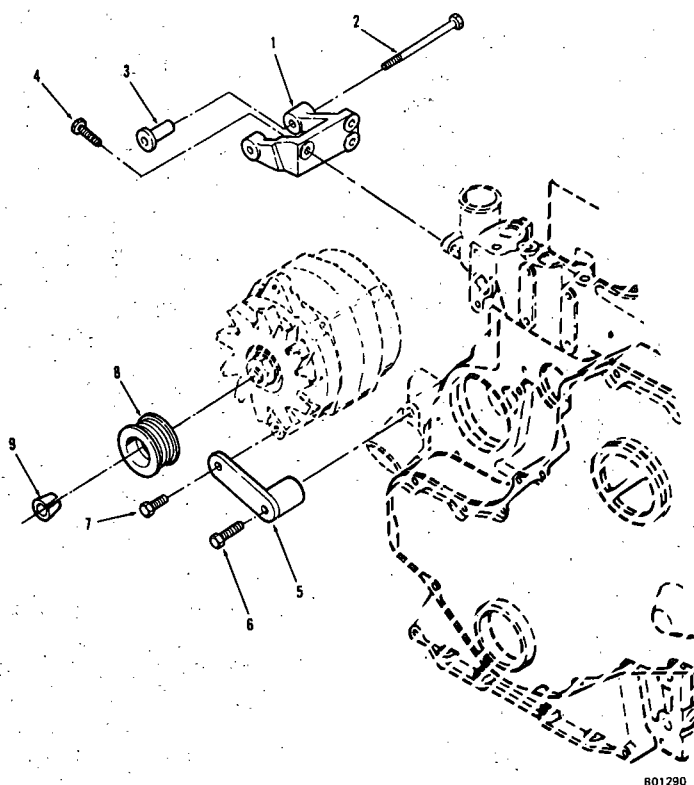
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900240	Nut, Regular Hexagon	1	x	x	x	
2	3900630	Screw, Hexagon Head Cap	2	x	x	x	
3	3900631	Screw, Hexagon Head Cap	3	x	x	x	
4	3903118	Screw, Hexagon Head Cap	1	x	x	x	
5	3904032	Pully, Alternator	1	x	x	x	
6	3904839	Support, Alternator	1	x	x	x	
7	3904840	Brace, Alternator	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

MOUNTING, ALTERNATOR

Option EH9009



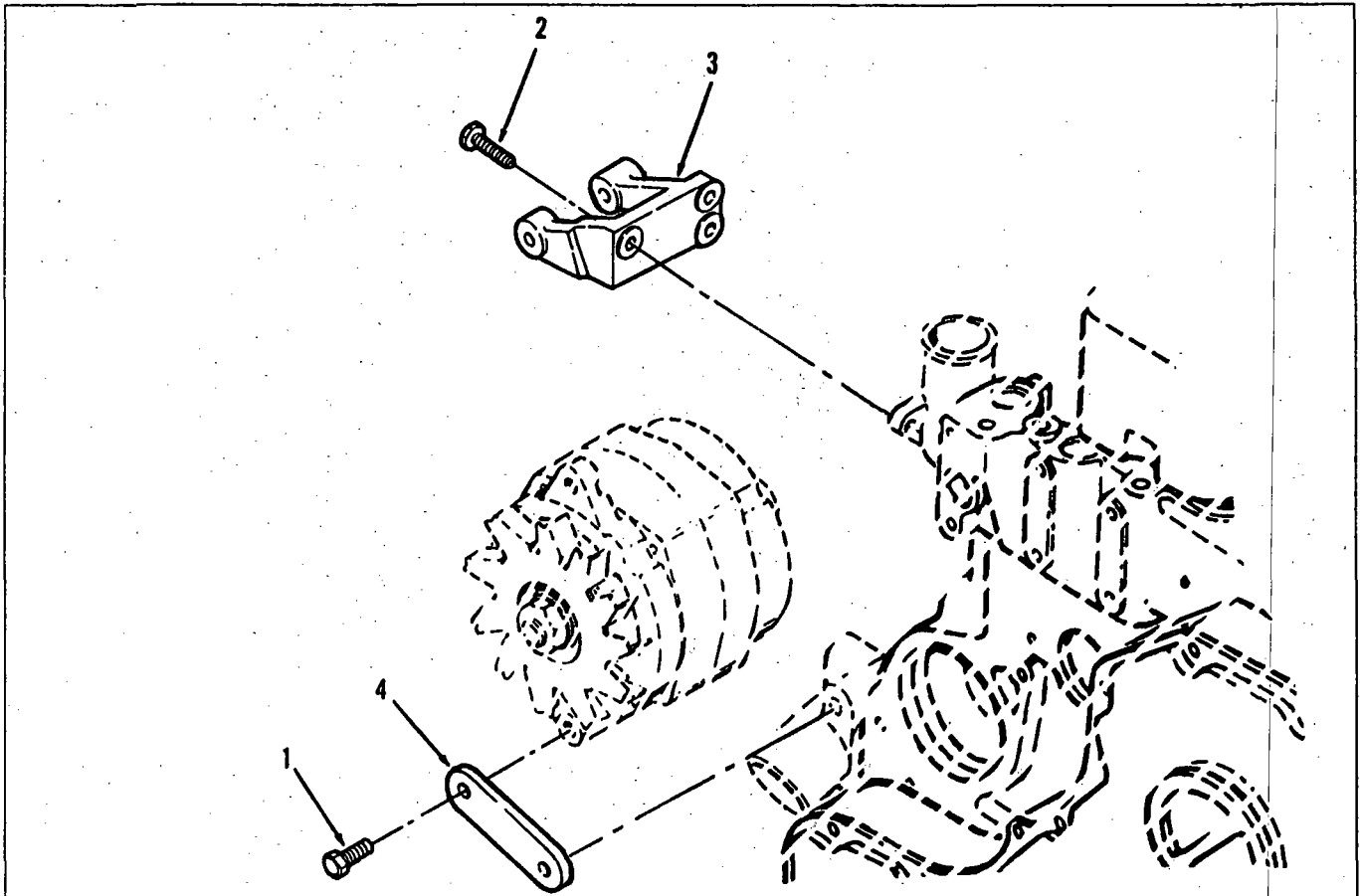
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903086	Bracket, Alternator	1	x	x		For Delco 15SI Alt M8 1.25 x 25
2	3900621	Screw, Hex Head Cap	3	x	x		
3	3902469	Spacer, Mounting	1	x	x		M10 1.50 x 120
4	3901455	Screw, Hex Head Cap	1	x	x		
5	3903922	Brace, Alternator	1	x	x		M8 1.25 x 45 M10 1.5 x 25
6	3904222	Screw, Hex Head Cap	1	x	x		
7	3900623	Screw, Head Head Cap	1	x	x		
8	3903586	Pulley, Alternator	1	x	x		
9	3903333	Retainer, Alt. Pulley	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.02

MOUNTING, ALTERNATOR

Option EH9010



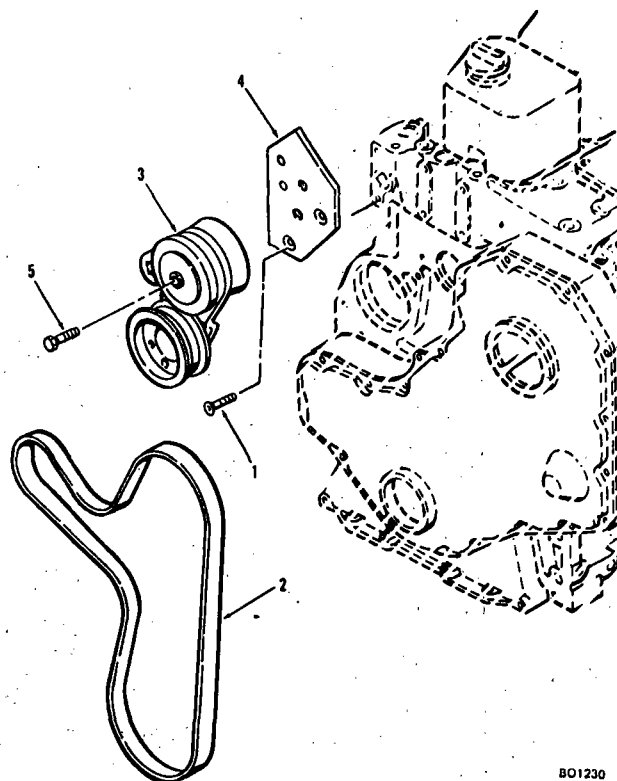
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900620	Screw, Hexagon Head Cap	2	x	x	x	
2	3900621	Screw, Hexagon Head Cap	3	x	x	x	
3	3903086	Support, Alternator	1	x	x	x	
4	3903089	Brace, Alternator	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



801230

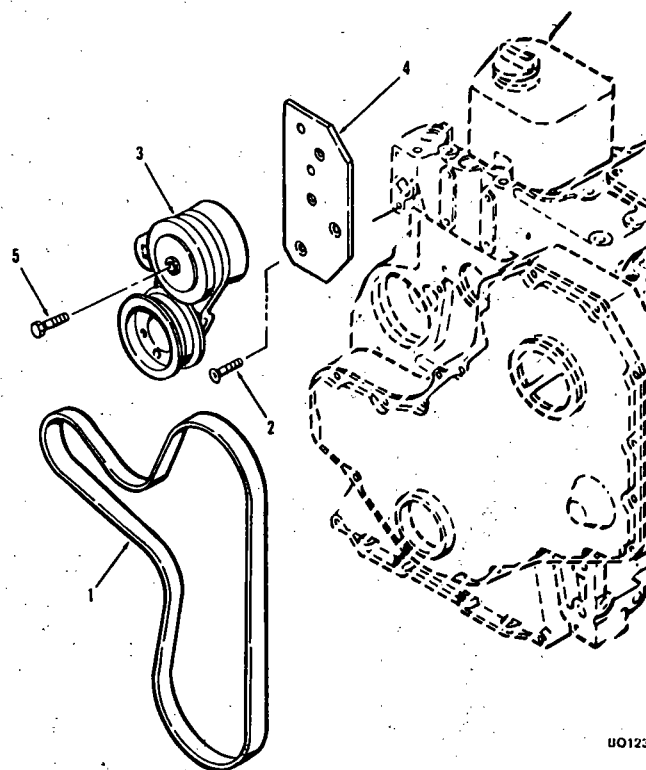
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9701 1625.6 mm
2	3903113	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904569	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9702 1422.4 mm
2	3903091	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904548	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9703 1498.6 mm
2	3903097	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904550	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



U01234

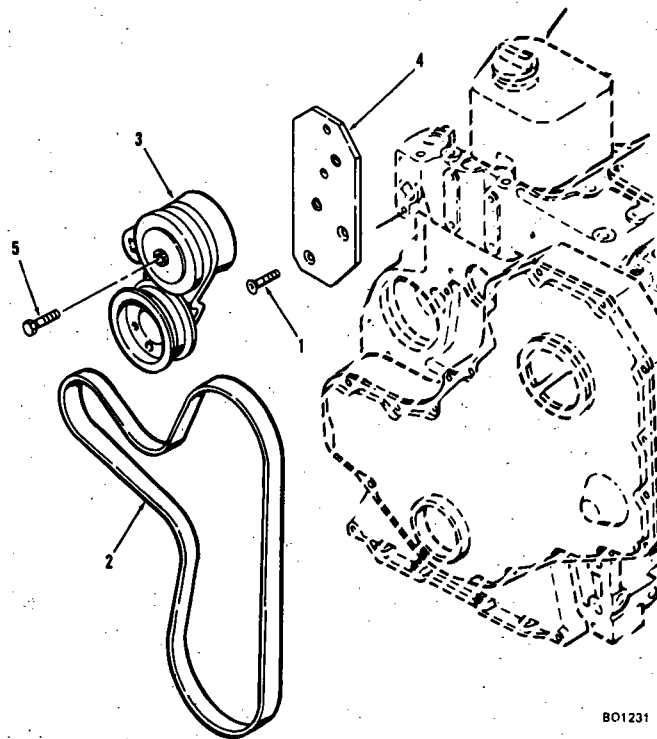
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903099	Belt, V Ribbed	1	x	x	x	Option EH9704 1574.8 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904548	Bracket, Belt Tensioner	1	x	x	x	
1	3903090	Belt, V Ribbed	1	x	x	x	Option EH9706 1397.0 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904549	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903092	Belt, V Ribbed	1	x	x	x	Option EH9707 1460.5 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904551	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



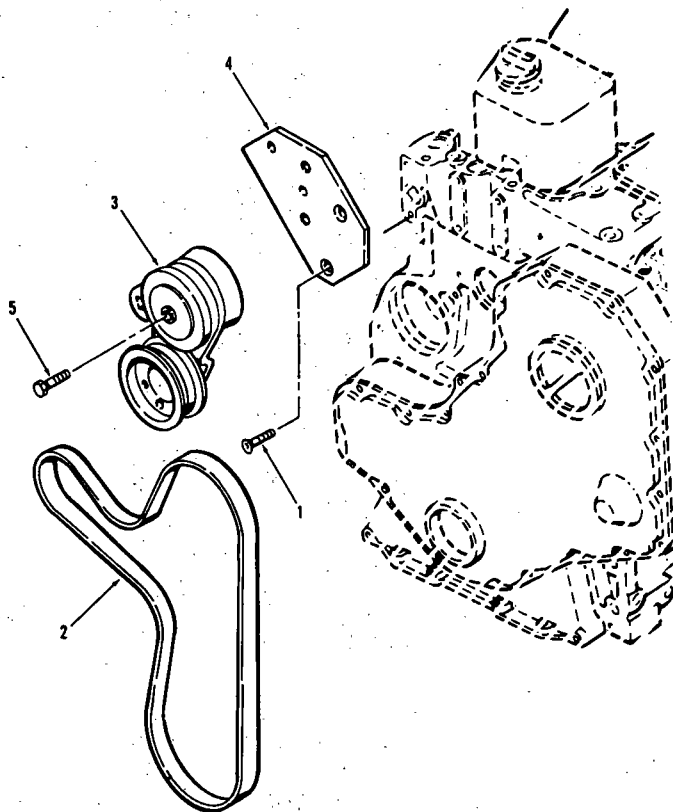
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9708 1536.7 mm
2	3903098	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904549	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9709 1536.7 mm
2	3903098	Belt, V Bibbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904549	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9710 1473.2 mm
2	3903093	Belt, V Bibbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904552	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



801236

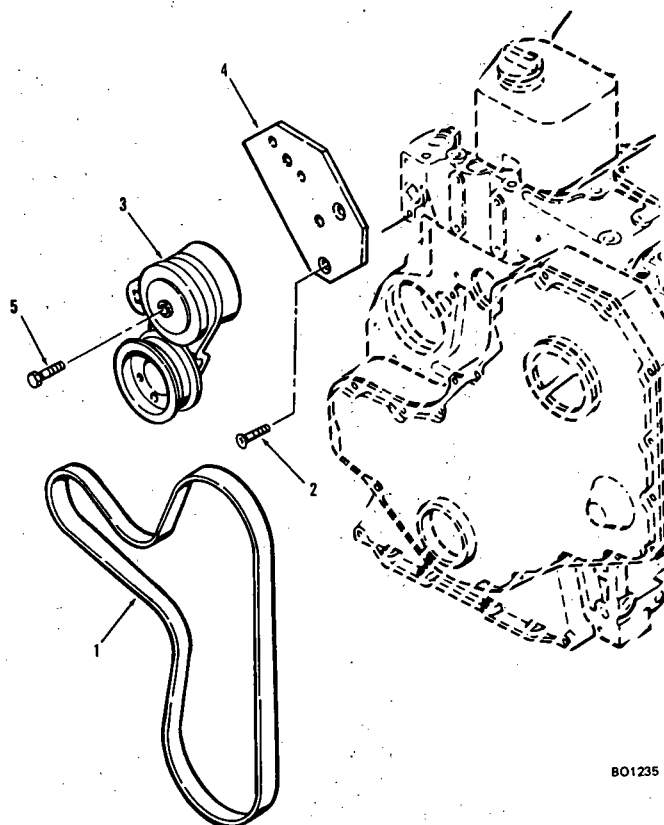
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9711 1473.2 mm
2	3903093	Belts, V Bibbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904552	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9712 1612.9 mm
2	3903100	Belt, V Ribbed	1	x	x	x	
3	3904370	Tension, Belt	1	x	x	x	
4	3904552	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9713 1701.8 mm
2	3903115	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904554	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



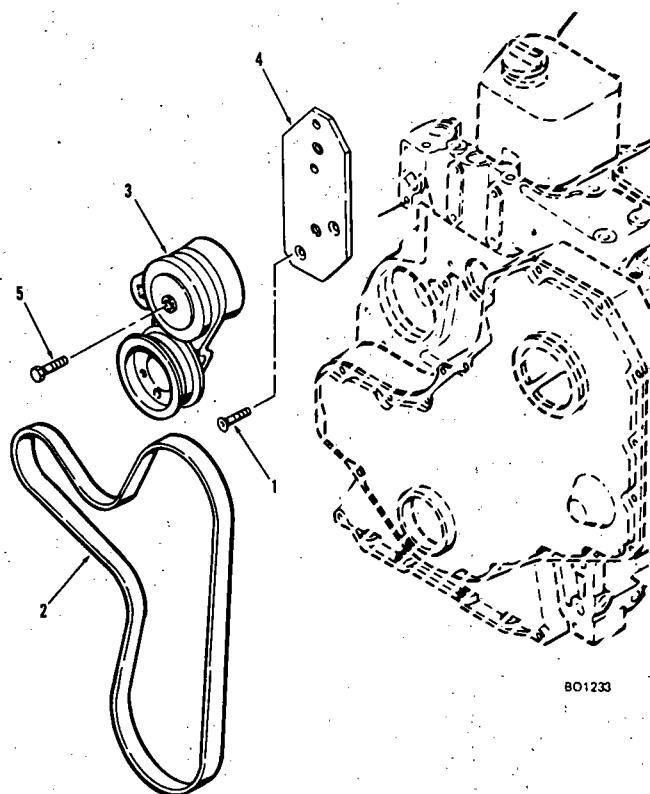
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902230	Belt, V Ribbed	1	x	x	x	Option EH9714 1443.0 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904553	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3902715	Belt, V Ribbed	1	x	x	x	Option EH9715 1519.0 mm
2	3903095	Screw, Flat Head Cap	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904555	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3902309	Belt, V Ribbed	1	x	x	x	Option EH9716 1582.0 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904553	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



801233

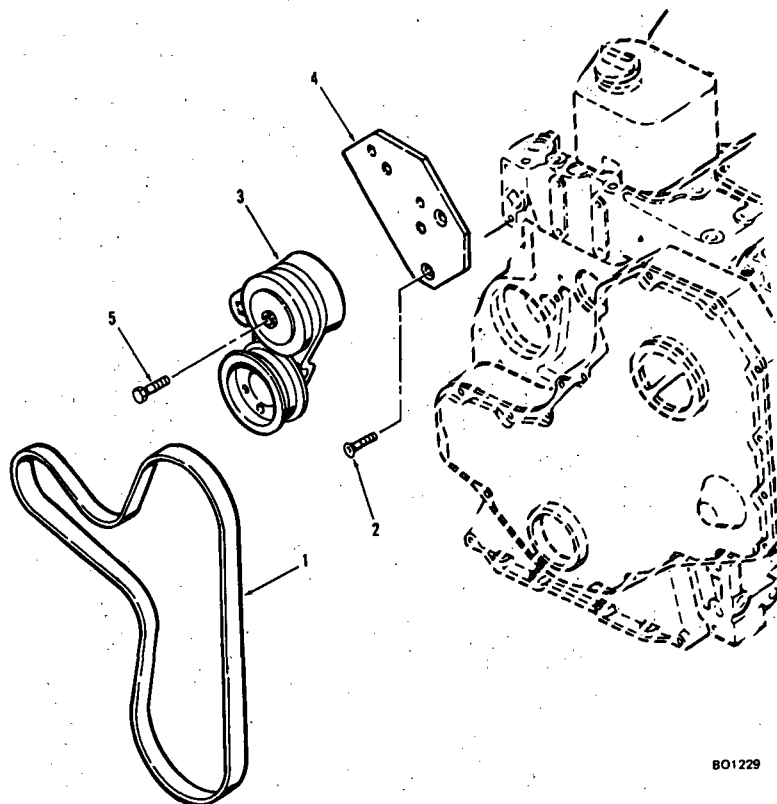
Ref No	Part Number	Part Name	Req	Eng Asp N/A T/C T/A			Remarks
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9717 1663.7 mm
2	3903114	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904555	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9727 1473.2mm
2	3903093	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904548	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3903095	Screw, Flat Head Cap	2	x	x	x	Option EH9728 1536.7 mm
2	3903098	Belt, V Ribbed	1	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904550	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



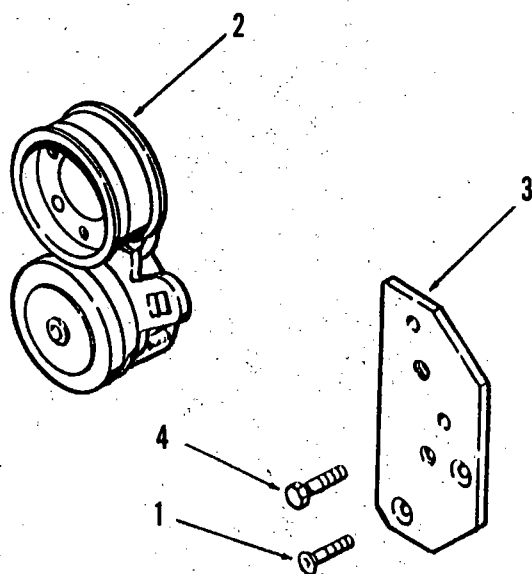
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902230	Belt, V Ribbed	1	x	x	x	Option EH9729 1443.0 mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904549	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
1	3902715	Belt, V Ribbed	1	x	x	x	Option EH9730 1519.0mm
2	3903095	Screw, Flat Head Cap	2	x	x	x	
3	3904370	Tensioner, Belt	1	x	x	x	
4	3904551	Bracket, Belt Tensioner	1	x	x	x	
5	3905426	Screw, Hexagon Head Cap	1	x	x	x	
2	3903095	Screw, Flat Head Cap	1	x		x	Option EH9731
3	3904370	Tensioner, Belt	1	x		x	
4	3904548	Bracket, Belt Tensioner	1	x		x	
5	3905426	Screw, Hexagon Head Cap	1	x		x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.02.03

LOCATION, ALTERNATOR

Option See Below



BO1232

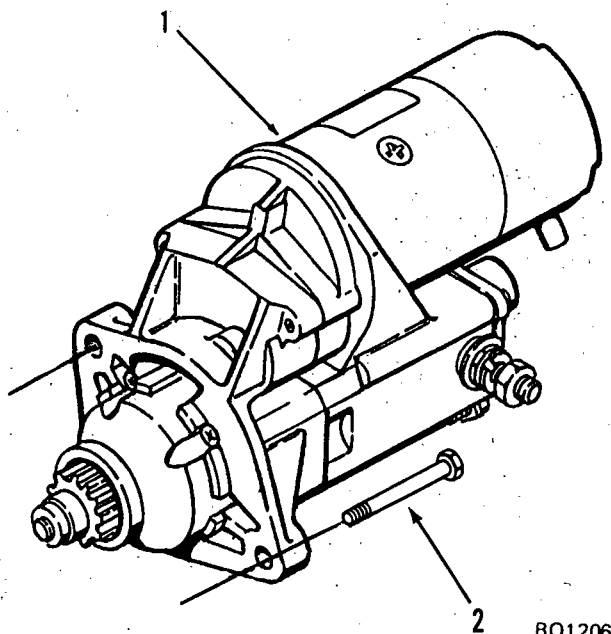
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903095	Screw, Flat Head Cap	2	x		x	Option EH9732
2	3904370	Tensioner, Belt	1	x		x	
3	3904548	Bracket, Belt Tensioner	1	x		x	
4	3905426	Screw, Hexagon Head Cap	1	x		x	
1	3903095	Screw, Flat Head Cap	2	x		x	Option EH9733
2	3904370	Tensioner, Belt	1	x		x	
3	3904549	Bracket, Belt Tensioner	1	x		x	
4	3905426	Screw, Hexagon Head Cap	1	x		x	

Parts indented are included in the assembly or kit under which they are listed.

Group 13.05

MOTOR, STARTING

Option See Below



801206

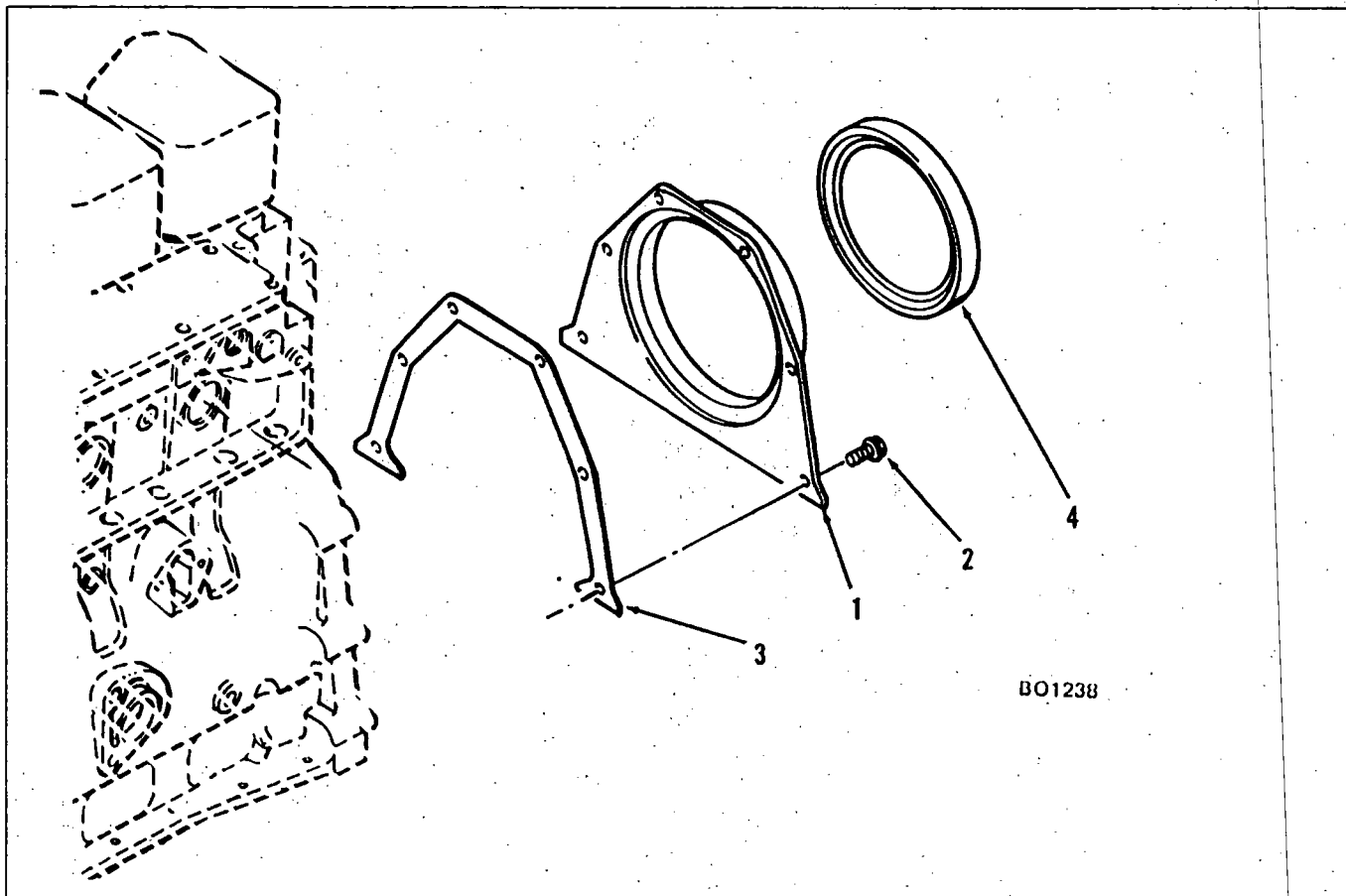
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901386	Motor, Starting ST9001	1	x	x		Delco 12V
1	3904057	Motor, Starting ST9005	1	x	x		Delco 24V
1	3904466	Motor, Starting ST9007	1	x	x	x	Nippondenso 12 volt
2	3903834	Screw, Hex Head Cap	2	x	x		M10-1.5 x 35

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option See Below



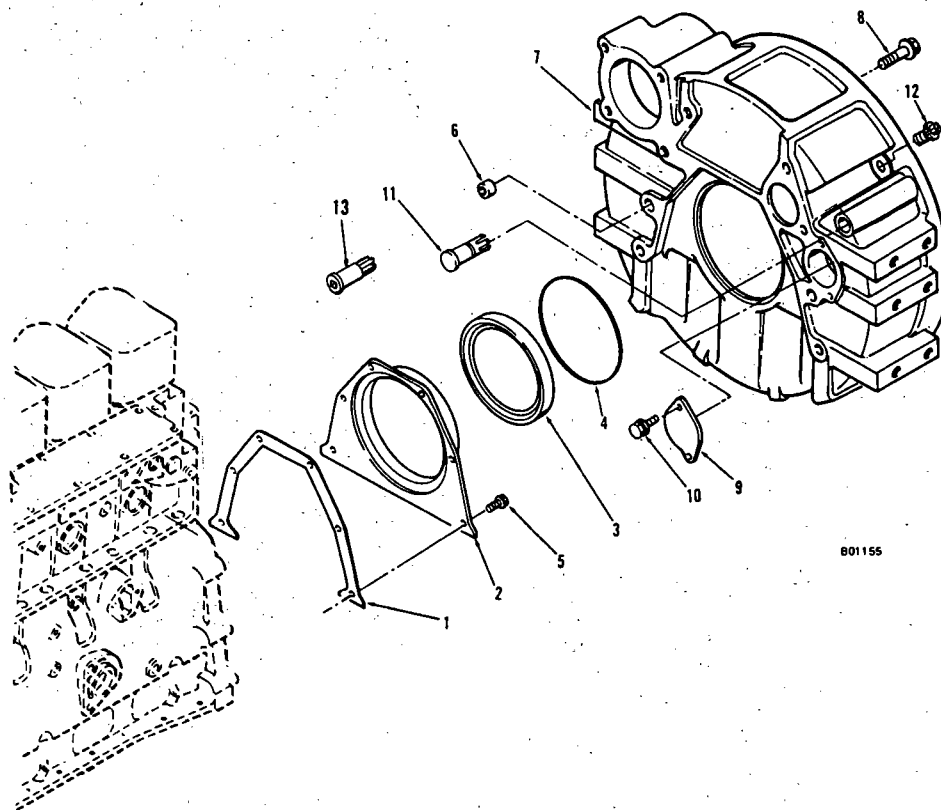
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3900627	Option FH9000 Screw, Hexagon Head Cap	6	x	x	x	For Dry Housing
2	3901019	Gasket, Rear Cover	1	x	x	x	
3	3902674	Cover, Rear	1	x	x	x	
4	3904323	Rear Crank Seal Kit	1	x	x	x	
1	3900627	Option FH9025 Screw, Hexagon Head Cap	6	x	x	x	For Wet Housing
2	3901019	Gasket, Rear Cover	1	x	x	x	
3	3902674	Cover, Rear	1	x	x	x	
4	3904354	Rear Crank Seal Kit	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option FH9001



B01155

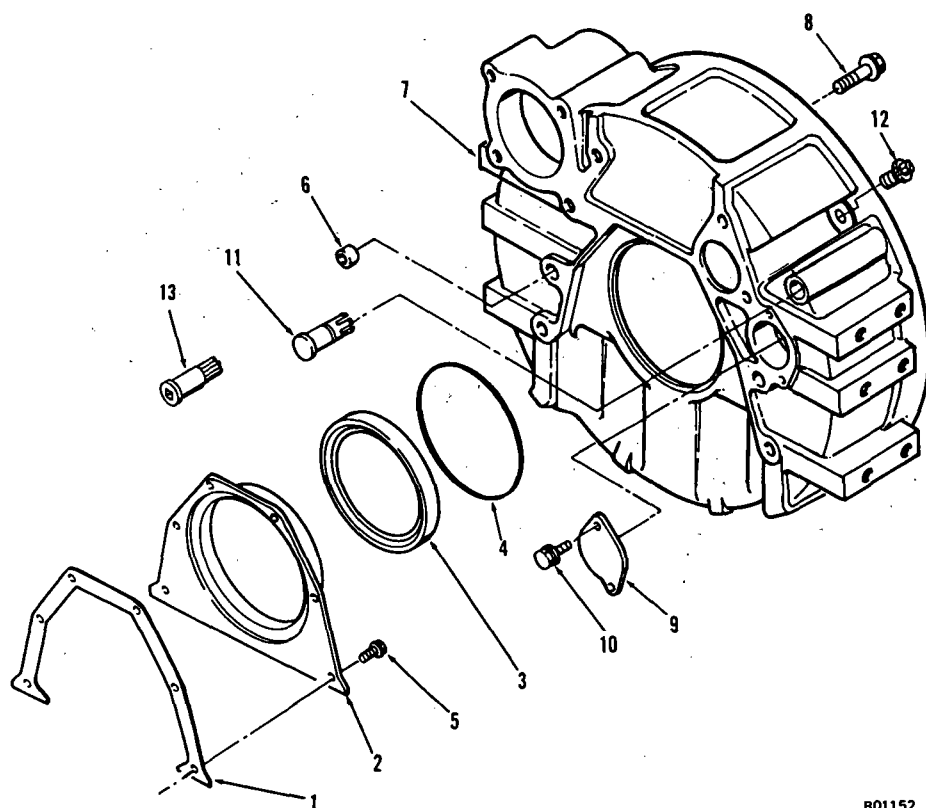
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901019	Gasket, Rear Cover	1	x	x	x	
2	3902674	Cover, Rear	1	x	x	x	
3	3904323	Seal, Rear Crank Kit	1	x	x	x	
4	3901397	O-Ring	1	x	x	x	
5	3900627	Screw, Hex Head Flg Cap	6	x	x	x	M6-1.00 x 14
6	3900068	Dowel, Ring	1	x	x	x	
7	3903287	Housing, Flywheel	1	x	x	x	S.A.E.#3 Dry
8	3901408	Screw, Hex Head Flg Cap	8	x	x	x	M12-1.75 x 40
9	3901399	Plate, Cover	1	x	x	x	
10	3902735	Screw, Self Tap Metal	2	x	x	x	M8-1.25 x 21
11	3903450	Plug	1	x	x	x	
12	3904181	Plug, Threaded (Plastic)	1	x	x	x	
13	3904682	Gear, Engine Barring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option FH9002



B01152

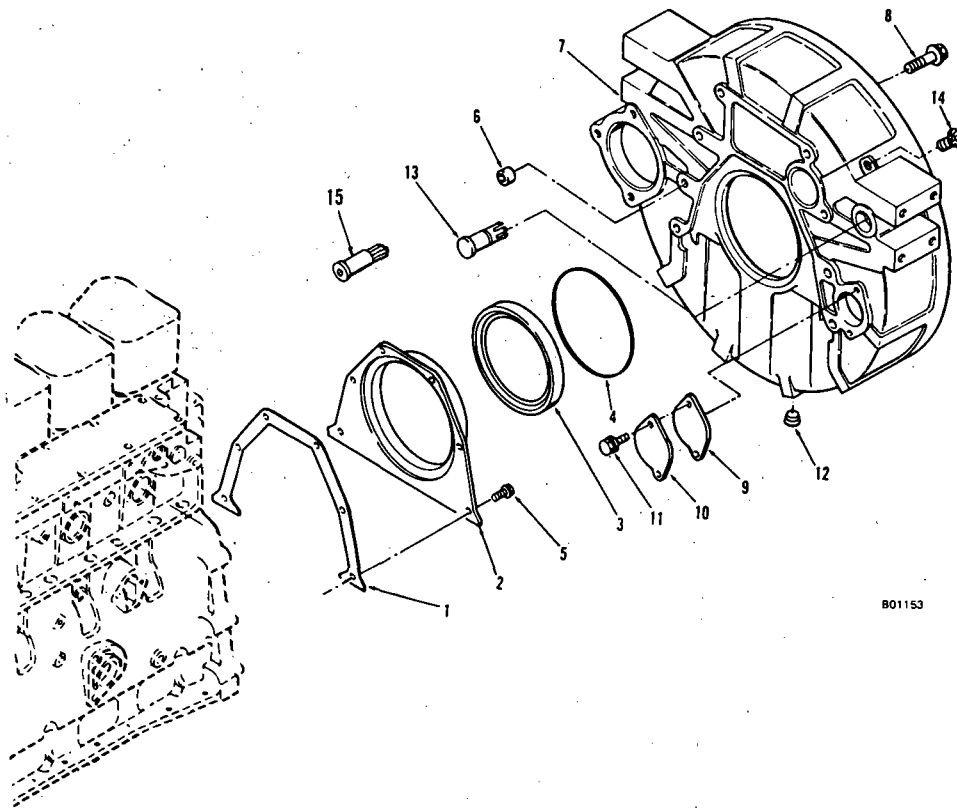
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901019	Gasket, Rear Cover	1	x	x	x	
2	3902674	Cover, Rear	1	x	x	x	
3	3904323	Seal, Rear Crank Kit	1	x	x	x	
4	3901397	O-Ring	1	x	x	x	
5	3900627	Screw, Hex Head Flg Cap	6	x	x	x	M6-1.00 x 14
6	3900068	Ring, Dowel	1	x	x	x	
7	3903282	Housing, Flywheel	1	x	x	x	S.A.E.#3 Dry
8	3901408	Screw, Hex Head Flg Cap	6	x	x	x	M12-1.25 x 40
9	3901399	Plate, Cover	1	x	x	x	
10	3902735	Screw, Self Tap Metal	2	x	x	x	M8-1.25 x 21
11	3903450	Plug	1	x	x	x	
12	3904181	Plug, Threaded (Plastic)	1	x	x	x	
13	3904682	Gear, Engine Barring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option FH9009



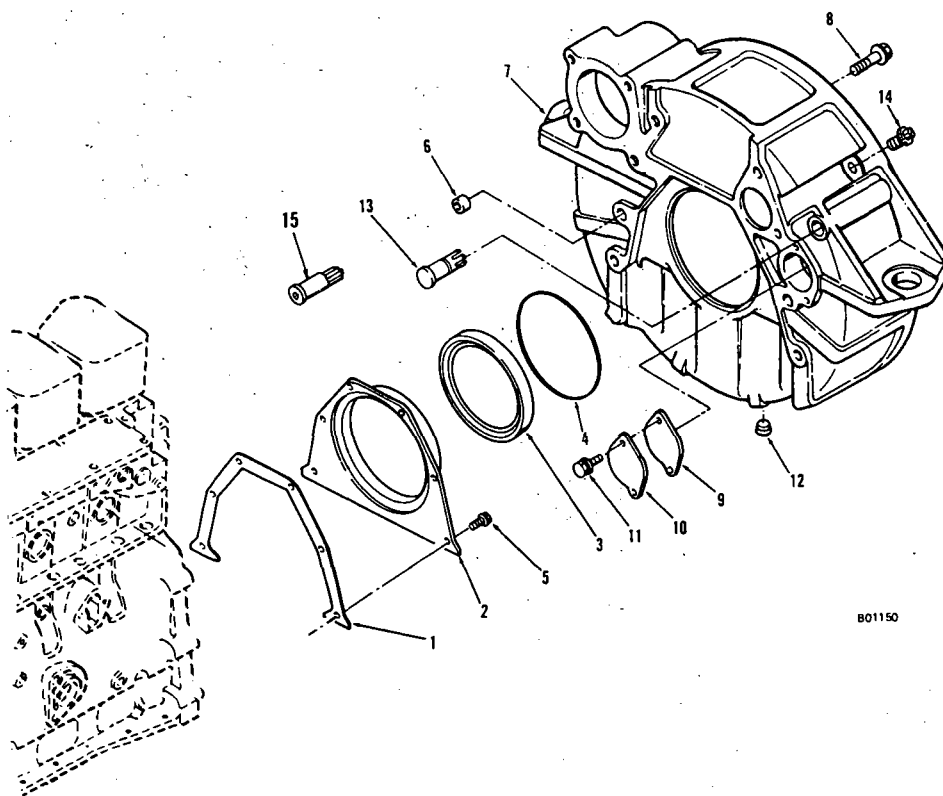
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901019	Gasket, Rear Cover	1	x	x	x	
2	3902674	Cover, Rear	1	x	x	x	
3	3904354	Seal, Rear Crank Kit	1	x	x	x	
4	3901397	O-Ring	1	x	x	x	
5	3900627	Screw, Hex Head Flg Cap	6	x	x	x	M6-1.00 x 14
6	3900068	Dowel, Ring	1	x	x	x	
7	3903287	Housing, Flywheel	1	x	x	x	S.A.E.#3 Wet
8	3901408	Screw, Hex Head Flg Cap	8	x	x	x	M12-1.75 x 40
9	3902734	Gasket, Cover Plate	1	x	x	x	
10	3901399	Plate, Cover	1	x	x	x	
11	3902735	Screw, Self Tap Metal	2	x	x	x	M8-1.25 x 21
12	3008469	Plug, Pipe	1	x	x	x	
13	3903450	Plug	1	x	x	x	
14	3904181	Plug, Threaded(Plastic)	1	x	x	x	
15	3904682	Gear, Engine Barring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option FH9010



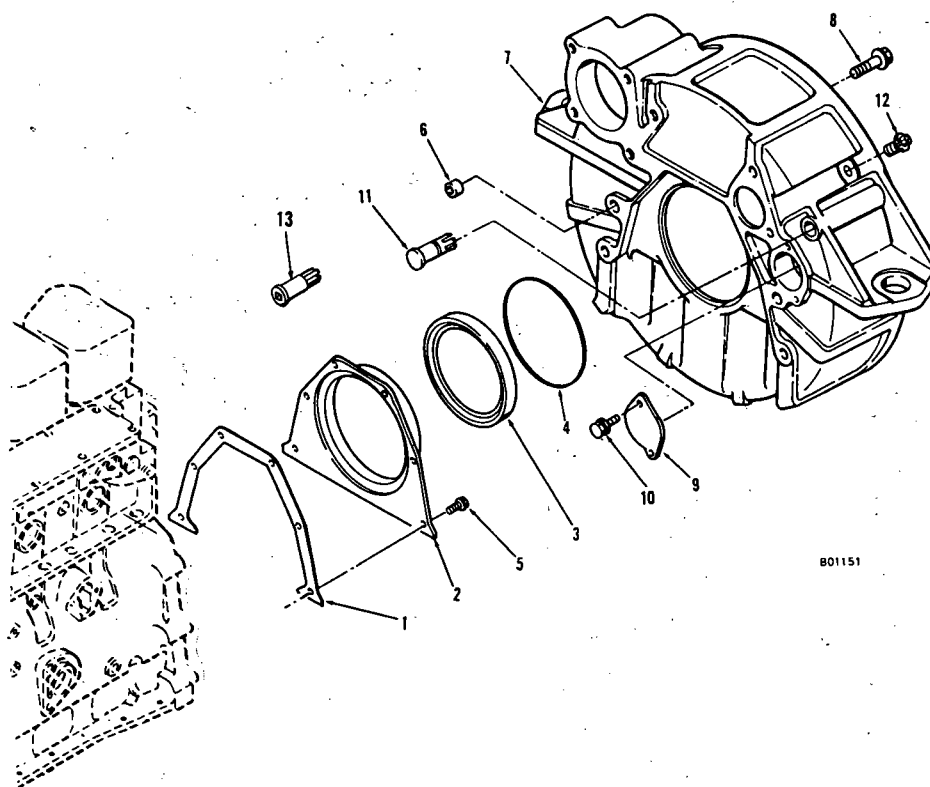
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901019	Gasket, Rear Cover	1	x	x	x	
2	3902674	Cover, Rear	1	x	x	x	
3	3904354	Seal, Rear Crank Kit	1	x	x	x	
4	3901397	O-Ring	1	x	x	x	
5	3900627	Screw, Hex Head Flg Cap	6	x	x	x	M6-1.00 x 14
6	3900068	Ring, Dowel	1	x	x	x	
7	3903282	Housing, Flywheel	1	x	x	x	S.A.E.#3 Wet
8	3901408	Screw, Hex Head Flg Cap	6	x	x	x	M12-1.75 x 40
9	3902734	Gasket, Cover Plate	1	x	x	x	
10	3901399	Plate, Cover	1	x	x	x	
11	3902735	Screw, Self Tap Metal	2	x	x	x	M8-1.25 x 21
12	3008469	Plug, Pipe	1	x	x	x	
13	3903450	Plug	1	x	x	x	
14	3904181	Plug, Threaded (Plastic)	1	x	x	x	
15	3904682	Gear, Engine Barring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.01

HOUSING, FLYWHEEL

Option FH9020



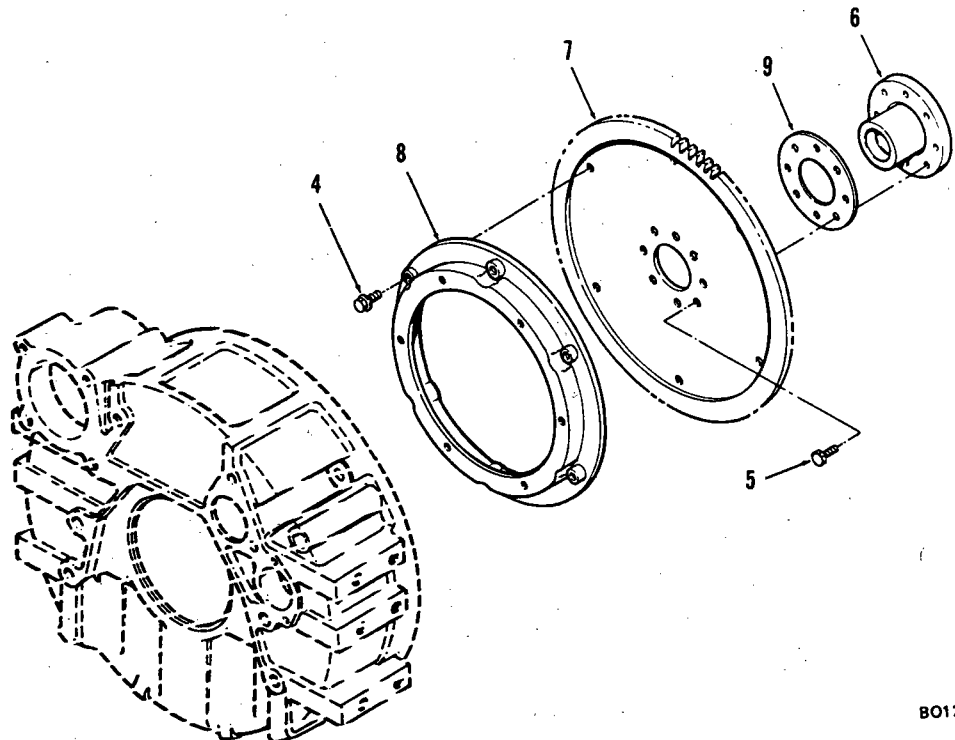
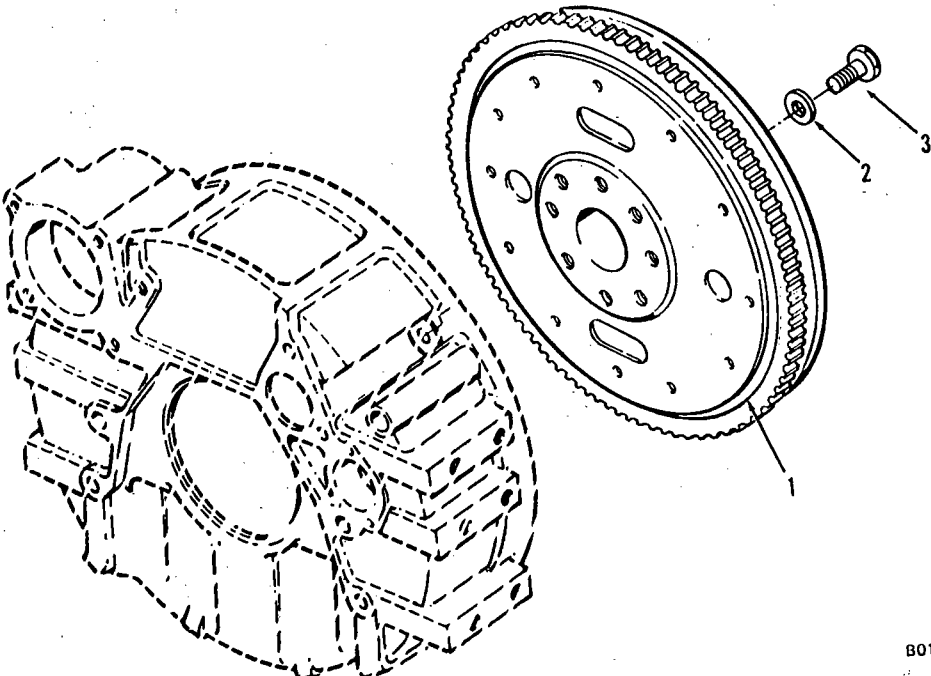
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3901019	Gasket, Rear Cover	1	x	x	x	
2	3902674	Cover, Rear	1	x	x	x	
3	3904323	Seal, Rear Crank Kit	1	x	x	x	
4	3901397	O-Ring	1	x	x	x	
5	3900627	Screw, Hex Head Flg Cap	6	x	x	x	M6-1.00 x 14
6	3900068	Dowel, Ring	1	x	x	x	
7	3902139	Housing, Flywheel	1	x	x	x	S.A.E.#2 Dry
8	3901408	Screw, Hex Head Flg Cap	8	x	x	x	M12-1.75 x 40
9	3901399	Plate, Cover	1	x	x	x	
10	3902735	Screw, Self Tap Metal	2	x	x	x	M8-1.25 x 21
11	3903450	Plug	1	x	x	x	
12	3904181	Plug, Threaded (Plastic)	1	x	x	x	
13	3904682	Gear, Engine Barring	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.02

FLYWHEEL

Option See Part Name



Group 16.02

FLYWHEEL

Option See Part Name

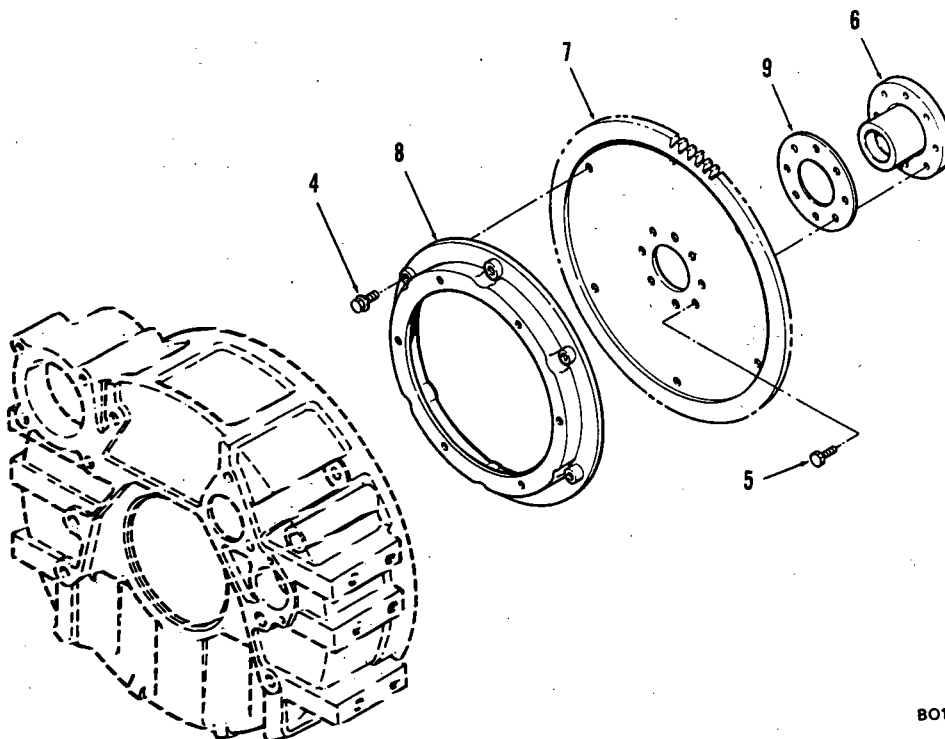
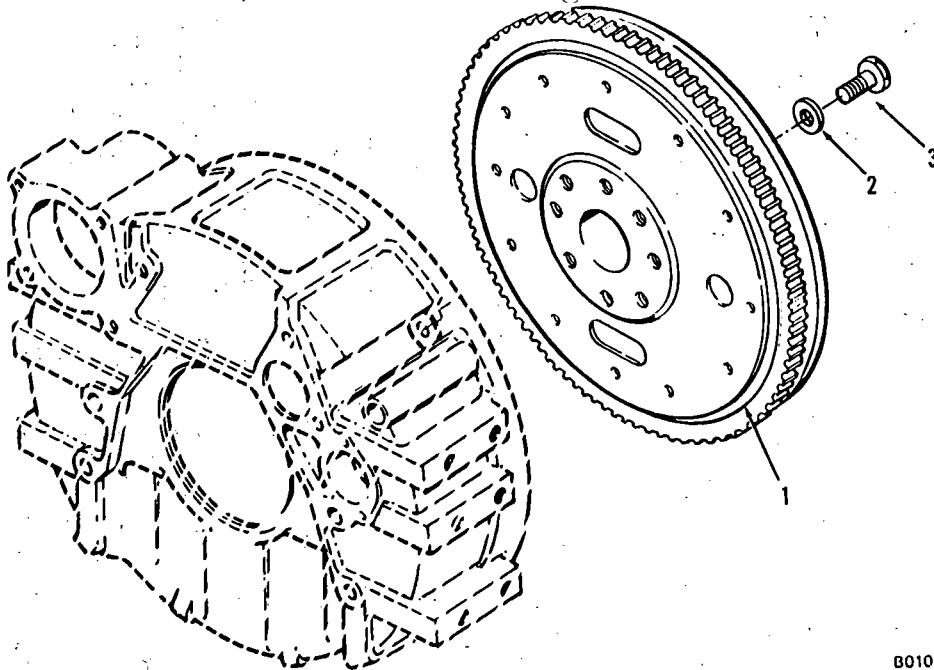
Ref No	Part Number	Part Name	Req	Eng Asp N/A T/C T/A			Remarks
1	3902728	FW9007 Flywheel/Ring Gear	1	x	x	x	Used With S.A.E. #3 HSG For 12" & 13" Auto Clutch
2	3900269	Washer	8	x	x	x	1.65 thick
3	3901395	Place Bolt	8	x	x	x	M12-1.25 x 32 (12.9)
1	3902216	FW9003 Flywheel/Ring Gear	1	x	x	x	Used with S.A.E.#3 Hsg. For 13.5" BC Drv. Plate
2	3900269	Washer	8	x	x	x	1.65 Thick
3	3901395	Place Bolt	8	x	x	x	M12-1.25 x 32 (12.9)
1	3902217	FW9005 Flywheel/Ring Gear	1	x	x	x	Used With S.A.E.#3 Hsg. For 11"TC Drv. Plate B&B
2	3900269	Washer	8	x	x	x	1.65 thick
3	3901395	Place Bolt	8	x	x	x	M12-1.25 x 32 (12.9)
1	3903306	FW9015 Flywheel/Ring Gear	1	x	x	x	Used with S.A.E.#3Hsg. For 13 1/8" Drv. Plate
2	3900269	Washer	8	x	x	x	1.65 Thick
3	3901395	Place Bolt	8	x	x	x	M12-1.25 x 32 (12.9)
1	3902331	FW9006 Flywheel/Ring Gear	1	x	x	x	Used with S.A.E.#3 Hsg. For 11 1/2 O.C. Ind.
2	3900269	Washer	1	x	x	x	1.65Thick
3	3901395	Place Bolt	1	x	x	x	M12-1.25 x (12.9)
-4	3901395	FW9009 Screw, Hexagon Head Cap	8	x	x	x	Allison AT 545 M12-1.25 x 32
-5	3901727	Screw, Hexagon Head Cap	6	x	x	x	
-6	3902573	Adapter, Crankshaft	1	x	x	x	
-7	3904359	Flexplate	1	x	x	x	
-8	3904360	Adapter, Torque Converter	1	x	x	x	
-9	3904361	Ring, Clamping	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.02

FLYWHEEL

Option See Part Name



Group 16.02

FLYWHEEL

Option See Part Name

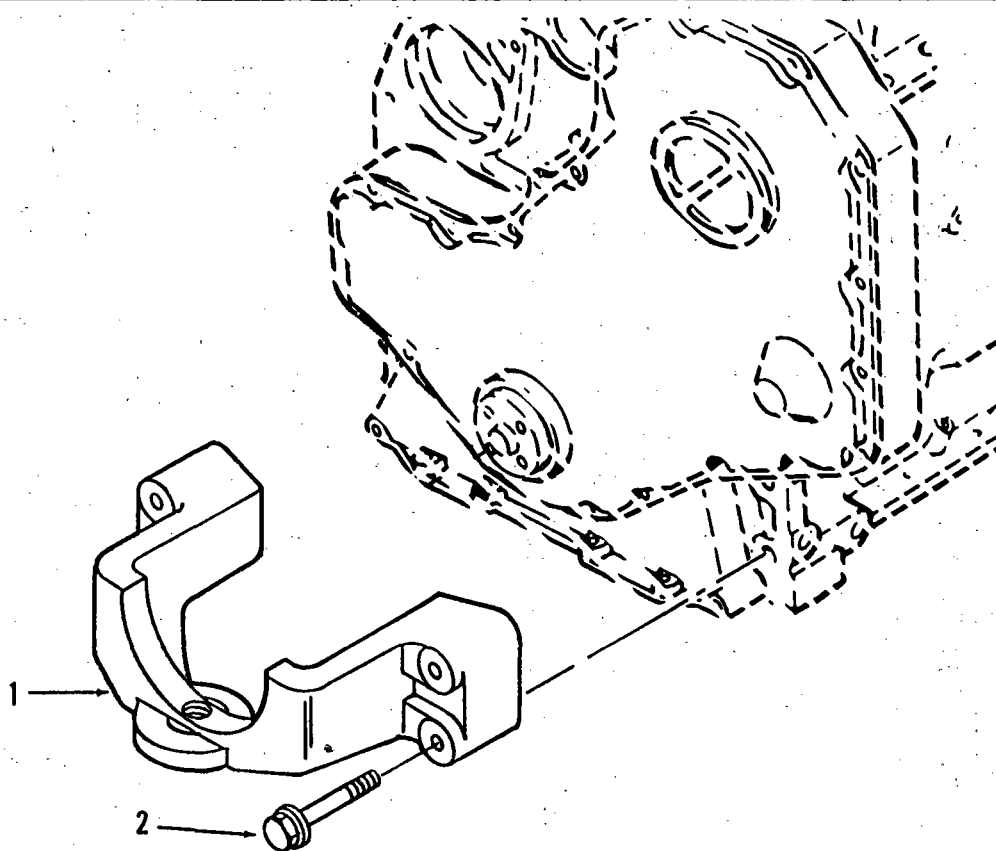
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903308	FW9012 Flywheel/Ring Gear	1	x	x	x	Used with S.A.E.#2 Hsg. 13" & 14" Auto Clutch 1.65 Thick M12-1.25 x 32 (12.9)
2	3900269	Washer	8	x	x	x	
3	3901395	Place Bolt	8	x	x	x	
1	3904719	FW9016 Flywheel/Ring Gear	1	x	x	x	Used with S.A.E. #2 Hsg. 11.5 O.C. Clutch M12-1.25 x 32 (12.90)
2	3900269	Washer	8	x	x	x	
3	3901395	Screw, Hex Hed Cap	8	x	x	x	
1	3903420	FW9035 Flywheel/Ring Gear	1	x	x	x	10" O.C. Ind. 1.65mm Thick M12-1.25 x 32 (12.9)
2	3900269	Washer	8	x	x	x	
3	3901395	Screw, Hex Hed Cap	8	x	x	x	
1	3905032	FW9036 Flywheel/Ring Gear	1	x	x	x	Case 12 SP 4W.D. M12-1.25 x 32 (12.9)
2	3900269	Washer	8	x	x	x	
3	3901395	Screw, Hex Hed Cap	8	x	x	x	
1	3902218	FW9004 Flywheel/Ring Gear	1	x	x	x	Clark 180000 conv. M12-1.25 x 32 (12.9)
2	3900269	Washer	8	x	x	x	
3	3901395	Screw, Hexagon Head Cap	8	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.03

SUPPORT, FRONT ENGINE

Option EM9001



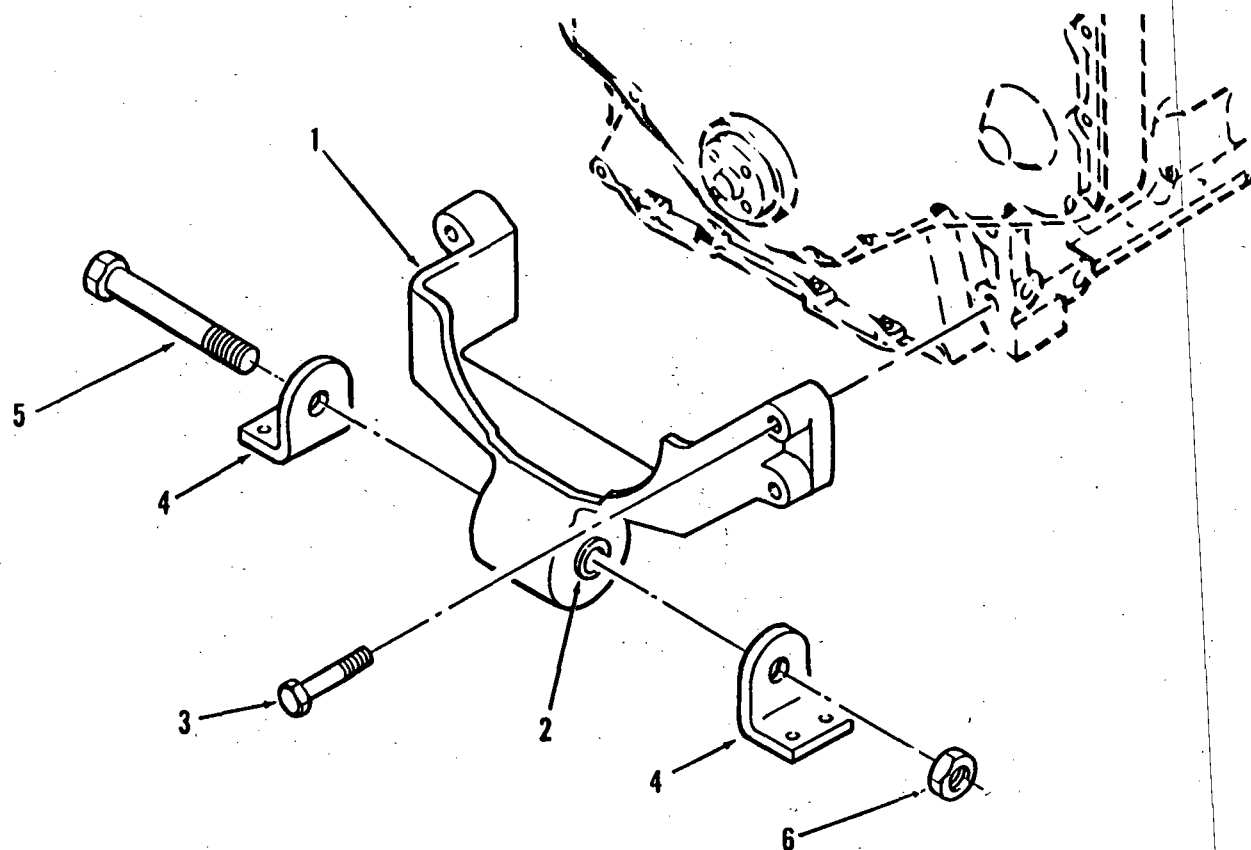
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904402	Support, Front Engine	1	x	x	x	M12-1.75 x 65.0
2	3027671	Screw, Hex Head Cap	4	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.03

SUPPORT, FRONT ENGINE

Option EM9004



B01140

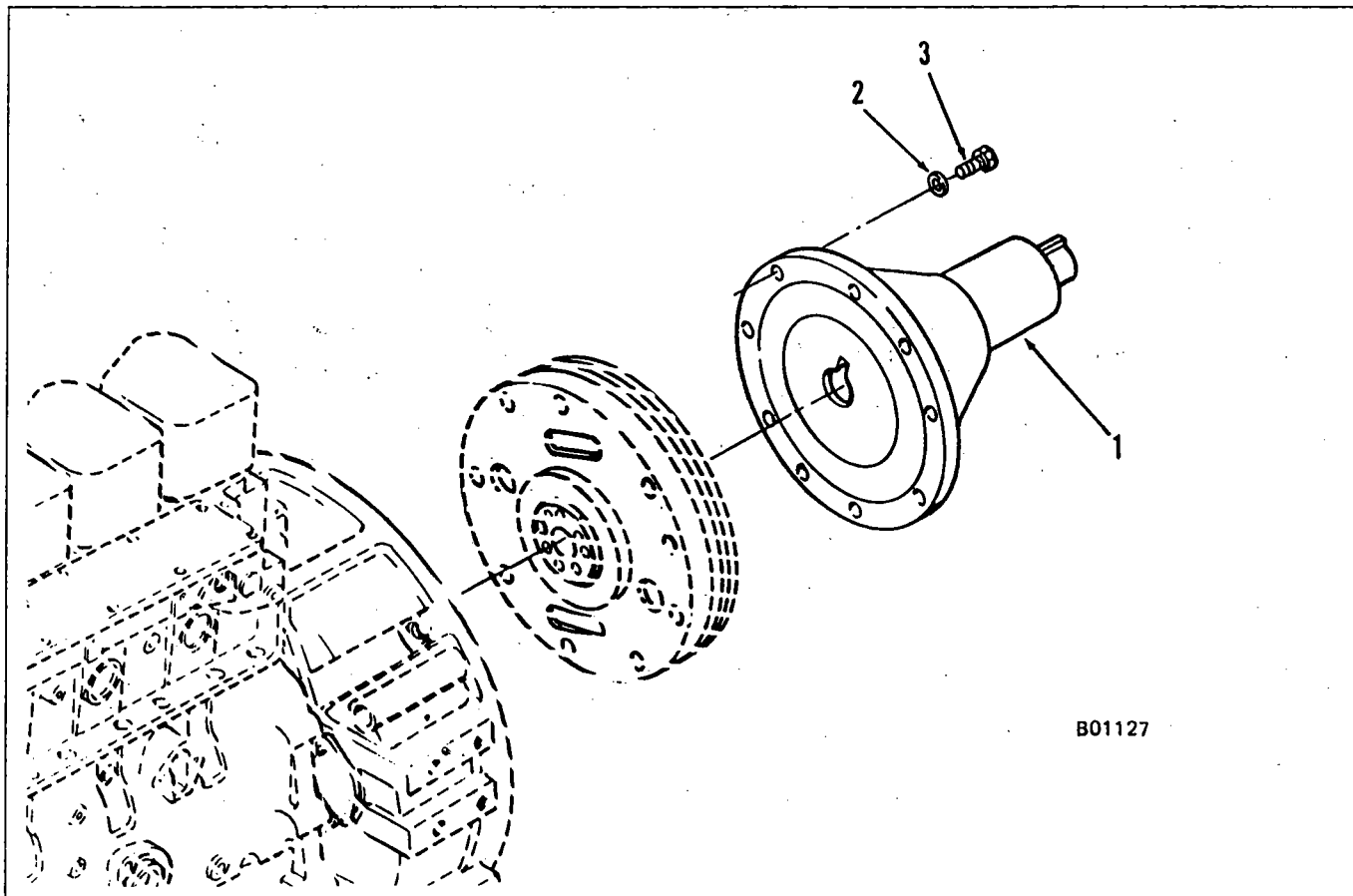
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904403	Support, Front Engine	1	x	x	x	S/S 3902587
2	173093	Isolator, Vibration	1	x	x	x	
3	3027671	Screw, Hex Head Cap	4	x	x	x	M12-1.75 x 65
4	173773	Bracket	2	x	x	x	
5	S-114-B	Screw, Hex Head Cap	1	x	x	x	
6	S-226	Nut	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 16.05

SHAFT, REAR STUB

Option CL9003



B01127

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3031359	Flange, Power Takeoff	1	x	x	x	
2	S-604	Lock washer	8	x	x	x	
3	108707	Screw, Hex Head Cap	8	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group17.01

SET, GASKET SERVICE

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3802015	Set, Gasket	1	x	x		Upper Engine Set includes Standard Thickness and Standard Bore Head Gasket
	S-2329	Washer, Plain	5	x	x		
	3900808	Seal, Injector	4	x	x		
	3901097	Seal, Valve Stem	8	x	x		
	3901356	Gasket, Turbo	1	x	x		
	3901456	Gasket, Manifold	4	x	x		
	3901805	Gasket, Drain Turbo	1	x	x		
	3901837	Seal, Ring	4	x	x		
	3901999	Gasket, Cover	1	x	x		
	3905025	Gasket, Head	1	x	x		
	3902363	Seal, Ring	1	x	x		
	3902425	Washer, Seal	1	x	x		
	3902666	Gasket, Cover	4	x	x		
	3903251	Gasket, Connection	1	x	x		
	3903301	Gasket, Cover	1	x	x		
	3902666	Gasket, Cover	1	x	x		
	3903380	Screw, Banjo Connection	4	x	x		
	3903546	Seal, Ring	1	x	x		
	3802016	Gasket, Set	1	x	x		Upper Engine Set includes Standard Thickness and 1.0mm Overbore Head Gasket
	S-2390	Washer, Plain	5	x	x		
	3900808	Seal, Injector	4	x	x		
	3901097	Seal, Valve Stem	4	x	x		
	3901356	Gasket, Turbo	1	x	x		
	3901456	Gasket, Manifold	4	x	x		
	3901805	Gasket, Drain	1	x	x		
	3901837	Seal, Ring	4	x	x		
	3901999	Gasket, Cover	1	x	x		
	3902363	Seal, Ring	1	x	x		
	3902425	Washer, Sealing	1	x	x		
	3902666	Gasket, Cover Valve	4	x	x		
	3903301	Gasket, Cover	1	x	x		
	3903380	Screw, Banjo Connection	4	x	x		
	3903546	Seal, Ring	1	x	x		
	3903728	Washer, Plain	2	x	x		
	3903251	Gasket, Connection	1	x	x		
	3904334	Gasket, Cyl. Head	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 17.01

SET, GASKET SERVICE

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3802017	Gasket, Set	1	x	x		Upper Engine Set includes .010" Over Thickness and 1.0mm Overbore Head Gasket
	S-2329	Washer, Plain	5	x	x		
	3901097	Seal, Stem	8	x	x		
	3901356	Gasket, Turbo	1	x	x		
	3901456	Gasket, Manifold	4	x	x		
	3901805	Gasket, Drain	1	x	x		
	3901837	Seal, Ring	4	x	x		
	3901999	Gasket, Cover	1	x	x		
	3902363	Seal, Ring	1	x	x		
	3902425	Washer, Sealing	1	x	x		
	3902666	Gasket, Cover	4	x	x		
	3903251	Gasket, Connection	1	x	x		
	3903301	Gasket, Cover	1	x	x		
	3903380	Screw, Connection	4	x	x		
	3903546	Seal, Ring	1	x	x		
	3903738	Washer, Plain	2	x	x		
	3903846	Seal, Ring	1	x	x		
	3904335	Gasket, Head	1	x	x		
	3802018	Gasket, Set	1	x	x		Upper Engine Set includes .020" Over Thickness and 1.0mm Overbore Head Gasket
	S-2329	Washer, Plain	5	x	x		
	3900808	Seal, Injector	4	x	x		
	3901097	Seal, Stem	8	x	x		
	3901356	Gasket, Turbo	1	x	x		
	3901456	Gasket, Manifold	4	x	x		
	3901805	Gasket, Drain	1	x	x		
	3901837	Seal, Ring	4	x	x		
	3901999	Gasket, Cover	1	x	x		
	3902363	Seal, Ring	1	x	x		
	3902425	Washer, Sealing	1	x	x		
	3902666	Gasket, Cover	4	x	x		
	3903251	Gasket, Connection	1	x	x		
	3903301	Gasket, Cover	1	x	x		
	3903380	Screw, Connector	1	x	x		
	3903546	Sealing, Ring	1	x	x		
	3903728	Washer, Plain	2	x	x		
	3903846	Sealing, Ring	1	x	x		
	3904336	Gasket, Head	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 17.01

SET, GASKET SERVICE

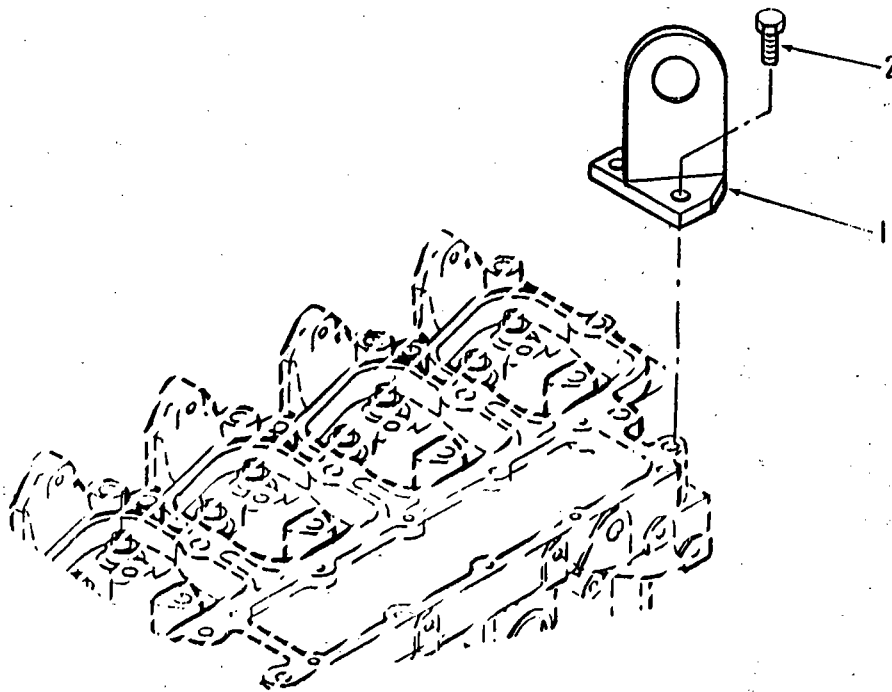
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
	3802019	Gasket, Set	1	x	x		Lower Engine Set
	154916	Gasket, Pump	1	x	x		
	3008400	Gasket, Pump	1	x	x		
	3900216	Washer, Sealing	1	x	x		
	3900267	Sealing, Ring	4	x	x		
	3900379	Gasket, Pump	1	x	x		
	3900454	Gasket, Flange	1	x	x		
	3901019	Gasket, Cover	1	x	x		
	3901397	Sealing, Ring	1	x	x		
	3901467	Sealing, Ring	1	x	x		
	3902364	Gasket, Housing	1	x	x		
	3902425	Washer, Sealing	2	x	x		
	3902734	Gasket, Plate	1	x	x		
	3903297	Sealing, Ring	1	x	x		
	3903393	Gasket, Oil Pan	1	x	x		
	3903475	Sealing, Ring	1	x	x		
	3903793	Sealing, Ring	1	x	x		
	3903837	Gasket, Cover	1	x	x		
	3903926	Gasket, Housing	1	x	x		
	3903927	Sealing, Ring	1	x	x		
	3904044	Gasket, Plate	1	x	x		
	3904323	Seal, Oil	1	x	x		
	3904353	Seal, Oil	1	x	x		
	3904426	Gasket, Head	1	x	x		
	3904427	Gasket, Oil Cooler	1	x	x		
	3904492	Gasket, Cover	1	x	x		
	3904789	Sealing, Ring	1	x	x		

Parts indented are included in the assembly or kit under which they are listed.

Group 17.06

BRACKET, LIFTING

Option LA9001



801052

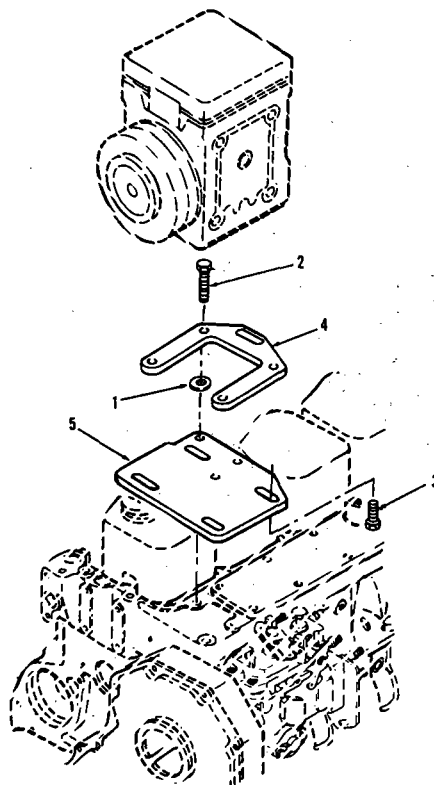
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3903170	Bracket, Lifting	1	x	x	x	Rear M12-1.75 x 25
2	3903200	Screw, Hex Head Cap	2	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 17.08

COMPRESSOR, FREON BRACKET

Option CF9002



BO1270

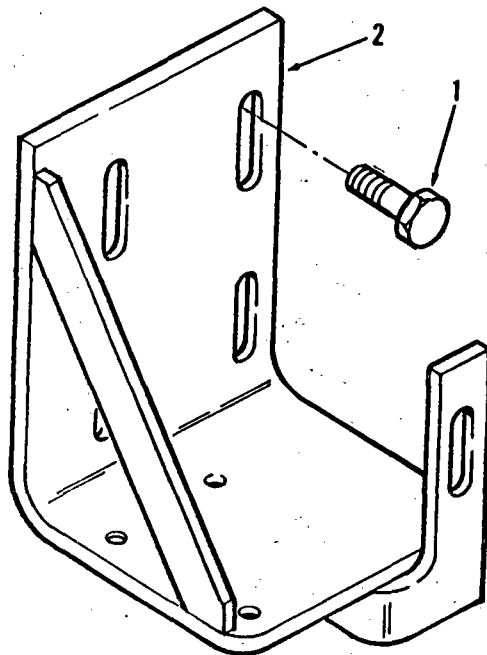
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	553604	Washer, Plain	1			x	
2	3335046	Screw, Hexagon Head Cap	1			x	
3	3903112	Screw, Hexagon Head Cap	2			x	
4	3903470	Bracket, Freon Compressor	1			x	
5	3903472	Bracket, Freon Compressor	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 17.08

COMPRESSOR, FREON BRACKET

Option CF9006



B01297

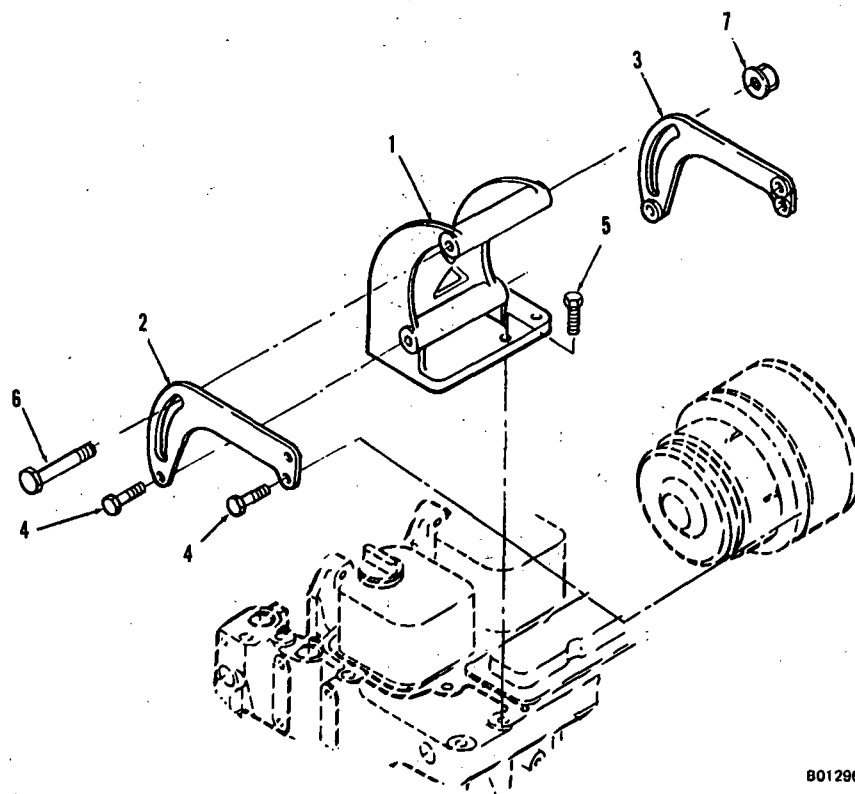
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3902460	Screw, Hexagon Head Cap	4			x	
2	3904556	Bracket, Freon Comp	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 17.08

COMPRESSOR, FREON BRACKET

Option CF9007



801296

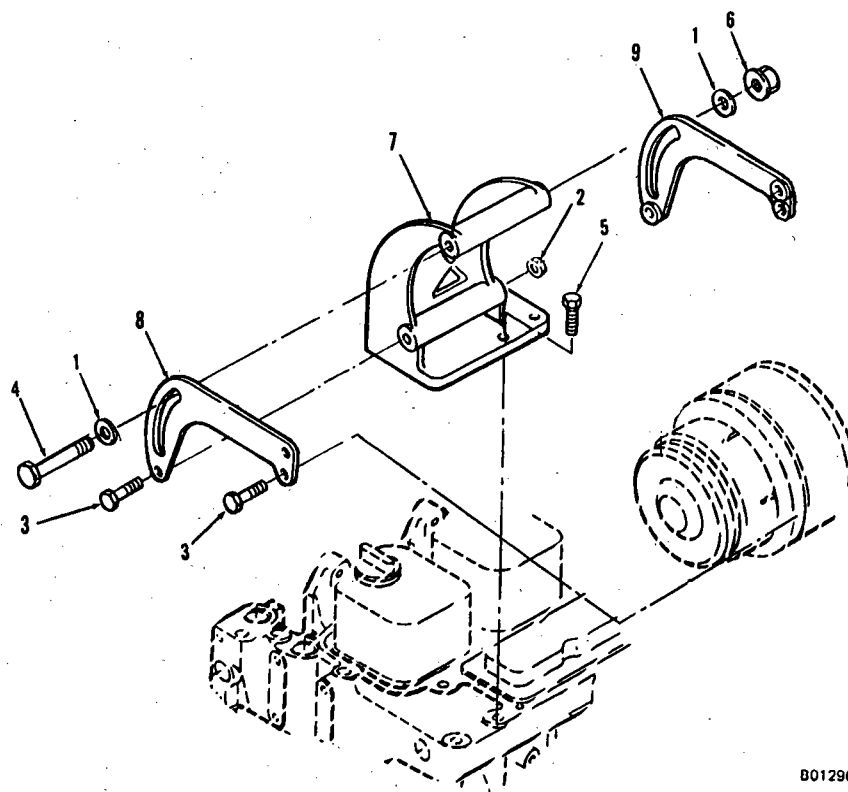
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	3904068	Support, Freon Comp	1	x	x	x	
2	3904069	Bracket, Freon Comp	1	x	x	x	
3	3904070	Bracket, Freon Comp	1	x	x	x	
4	3901468	Screw, Hexagon Head Cap	3	x	x	x	
5	3903112	Screw, Hexagon Head Cap	2	x	x	x	
6	3904071	Screw, Hexagon Head Cap	1	x	x	x	
7	3902663	Nut, Hexagon	1	x	x	x	

Parts indented are included in the assembly or kit under which they are listed.

Group 17.08

COMPRESSOR, FREON BRACKET

Option CF9008



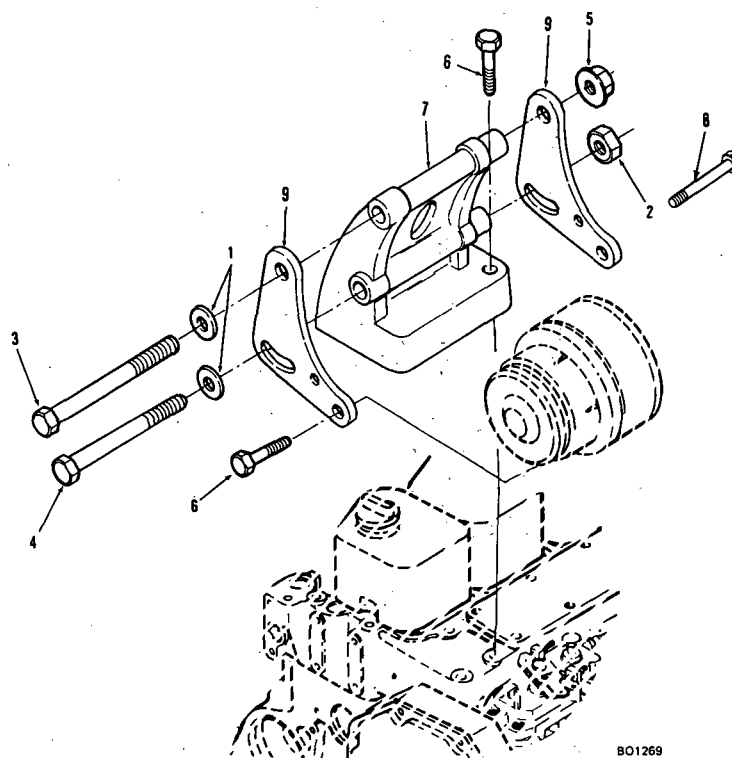
Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	553604	Washer, Plain	2			x	
2	3009503	Nut, Regular Hexagon	1			x	
3	3900232	Screw, Hexagon Head Cap	3			x	
4	3900636	Screw, Hexagon Head Cap	1			x	
5	3901455	Capscrew, Hex Head	1			x	
6	3902662	Nut, Flange Hex	1			x	
7	3904858	Support, Freon Comp	1			x	
8	3904977	Bracket, Freon Comp	1			x	
9	3904978	Bracket, Freon Comp	1			x	

Parts indented are included in the assembly or kit under which they are listed.

Group 17.08

COMPRESSOR, FREON BRACKET

Option CF9009



B01269

Ref No	Part Number	Part Name	Req	Eng Asp			Remarks
				N/A	T/C	T/A	
1	553604	Washer, Plain	2			x	
2	3009503	Nut, Regular Hexagon	1			x	
3	3900232	Screw, Hexagon Head Cap	2			x	
4	3900623	Screw, Hexagon Head Cap	1			x	
5	3902662	Nut, Flanged Hexagon	1			x	
6	3904071	Screw, Hexagon Head Cap	1			x	
7	3904859	Support, Freon Comp	1			x	
8	3904987	Screw, Hexagon Head Cap	1			x	
9	3904085	Bracket, Freon Comp	2			x	

Parts indented are included in the assembly or kit under which they are listed.

ENGINE OPTION INDEX

OPTION NUMBER	DESCRIPTION	PAGE
AF 9002	Drive, Crank	10
AF 9003	Drive, Crank	11
AF 9004	Drive, Crank	11
AF 9005	Drive, Crank	11
AF 9006	Drive, Crank	12
AF 9007	Drive, Crank	13
AF 9008	Drive, Crank	14
BA 9001	Engine Balancer	16
BP 9702	Cover/ Front Gear	22
BP 9704	Lever/ Rocker, Push Rods	28/34
BP 9705	Camshaft/ Tappet	24/32
CA 9002, 9010	Plumbing, Air Cleaner	113
CA 9003, 9004	Plumbing, Air Cleaner	114
CA 9008, 9009	Plumbing, Air Cleaner	115
CF 9002	Compressor, Freon Bracket	171
CF 9006	Compressor, Freon Bracket	172
CF 9008	Compressor, Freon Bracket	174
CF 9009	Compressor, Freon Bracket	175
CH 9001	Heater, Coolant	111
CL 9003	Shaft, Rear Stub	166
CM 9001	Cover, Tappet	33
CP 9002	Compressor, Air	130
CP 9003	Compressor, Air	132
CP 9004	Compressor, Air	134
DF 9000	Drive, Front Gear	104
DF 9004	Drive, Front Gear	105
DF 9005	Drive, Front Gear	106
DF 9008	Drive, Front Gear	107
DF 9009	Drive, Front Gear	108
DF 9010	Drive, Tachometer	34
DF 9012	Drive, Front Gear	109
EC 9001	Thermostat, Coolant	89
EE 9001, 9006, 9010, 9011	Alternator	136
EE 9002, 9007	Alternator	137
EE 9005, 9008	Alternator	138
EH 9001	Mounting, Alternator	139
EH 9002	Mounting, Alternator	140
EH 9003	Mounting, Alternator	141
EH 9009	Mounting, Alternator	142
EH 9010	Location, Alternator	143
EH 9701, 9702, 9703	Location, Alternator	144
EH 9704, 9706, 9707	Location, Alternator	145
EH 9708, 9709, 9710	Location, Alternator	146
EH 9711, 9712, 9713	Location, Alternator	147
EH 9714, 9715, 9716	Location, Alternator	148
EH 9717, 9727, 9728	Location, Alternator	149
EH 9729, 9730, 9731	Location, Alternator	150
EH 9732, 9733	Location, Alternator	151
EM 9001	Support Engine	164
EM 9004	Support Engine	165

ENGINE OPTION INDEX

OPTION NUMBER	DESCRIPTION	PAGE
FA 9000	Drive, Fan	68
FA 9001	Drive, Fan	70
FA 9002	Drive, Fan	72
FA 9003	Drive, Fan	74
FA 9004	Drive, Fan	76
FA 9005	Drive, Fan	78
FA 9012	Drive, Fan	80
FA 9013	Drive, Fan	82
FA 9014	Drive, Fan	84
FA 9015	Drive, Fan	86
FA 9016	Drive, Fan	88
FF 9701	Tube, Fuel Supply/ Filter	44/48
FF 9703	Tube, Fuel Supply	45
FF 9704	Tube, Fuel Supply/ Filter	46/51
FF 9001	Filter, Fuel	47
FF 9702	Filter, Fuel	49
FF 9703	Filter, Fuel	50
FH 9000, 9025	Housing, Flywheel	153
FH 9001	Housing, Flywheel	154
FH 9002	Housing, Flywheel	155
FH 9009	Housing, Flywheel	156
FH 9010	Housing, Flywheel	157
FH 9020	Housing, Flywheel	158
FN 9001	Fan	67
FN 9002	Fan	67
FN 9003	Fan	67
FN 9004	Fan	67
FN 9005	Fan	67
FN 9006	Fan	67
FN 9007	Fan	67
FN 9008	Fan	67
FN 9009	Fan	67
FN 9010	Fan	67
FN 9011	Fan	67
FN 9012	Fan	67
FN 9013	Fan	67
FN 9014	Fan	67
FN 9015	Fan	67
FN 9016	Fan	67
FN 9017	Fan	67
FN 9018	Fan	67
FN 9019	Fan	67
FN 9020	Fan	67
FP 9701	Coupling, Fuel Pump	92
FP 9702	Coupling, Fuel Pump	93
FT 9711	Plumbing, Fuel	94
FT 9712	Plumbing, Fuel	96
FT 9715	Plumbing, Fuel	98
FT 9716	Plumbing, Fuel	100
FT 9720	Plumbing, Fuel	102
FW 9004	Flywheel	163
FW 9003	Flywheel	163
FW 9005	Flywheel	161
FW 9006	Flywheel	161
FW 9007	Flywheel	161
FW 9009	Flywheel	161
FW 9015	Flywheel	161
FW 9012	Flywheel	161
FW 9016	Flywheel	163
FW 9035	Flywheel	163
FW 9036	Flywheel	163

ENGINE OPTION INDEX

OPTION NUMBER	DESCRIPTION	PAGE
IC 9001	Manifold, Air Intake	110
LA 9001	Bracket, Lift	170
LC 9001	Cooler, Lube Oil	62
LC 9002	Cooler, Lube Oil	62
LG 9034	Gauge, Oil Level	57
LG 9039	Gauge, Oil Level	57
LG 9043	Gauge, Oil Level	57
LG 9050	Gauge, Oil Level	59
LG 9051	Gauge, Oil Level	59
LG 9052	Gauge, Oil Level	59
LG 9053	Gauge, Oil Level	57
LG 9054	Gauge, Oil Level	58
LG 9055	Gauge, Oil Level	58
LG 9061	Gauge, Oil Level	59
LP 9001	Pump, Lube Oil	64
OB 9001	Cover, Cylinder Block	60
OB 9000	Cover, Cylinder Block	60
OH 9001, 9002	Heater, Lube Oil	112
OP 9002	Oil Pan Center Sump	54
OP 9003	Oil Pan Front Sump	55
OP 9004	Oil Pan Rear Sump	56
PP 591	Rod & Piston/Head/Inj	18/ 26/ 53
PP 592	Rod & Piston/Head/Inj	19/ 26/ 53
PP 646	Injector	53
PP 9701	Turbocharger	117
PP 9702	Turbocharger	119
SP 9001	Spacer, Fan	90
SP 9003	Spacer, Fan	90
SP 9004	Spacer, Fan	90
SP 9005	Spacer, Fan	90
SP 9006	Spacer, Fan	90
ST 9001	Starter	152
ST 9005	Starter	152
ST 9007	Starter	152
TB 9001	Location, Turbo	117
TB 9002	Location, Turbo	119
TB 9701	Plumbing, Turbo	117
TB 9702	Plumbing, Turbo	119
TH 9001	Housing, Thermostat	89
VC 9001	Cover, Valve	30
WI 9001	Conn. Water In	91
WI 9002	Conn. Water In	91
WI 9005	Conn. Water In	91
WP 9001	Pump, Water	65

ENGINE OPTION INDEX

OPTION NUMBER	DESCRIPTION	PAGE
XM 9001	Manifold, Exhaust	122
XM 9002	Manifold, Exhaust	123
XS 9001	Conn. Exhaust	124
XS 9002	Conn. Exhaust	125
XS 9004	Pipe, Exhaust Out	126
XS 9006	Pipe, Exhaust Out	127
XS 9008, 9009	Conn. Exhaust	129
XS 9016	Pipe, Exhaust Out	128

Cummins Engine Company, Inc.

Box 3005

Columbus, Indiana, U.S.A. 47202-3005

Cable: CUMDIEX COLUMBUS

Registered Office:

Cummins Engine Company, Ltd.

46-50 Coombe Road

New Malden, England

Cable: INCUMLON MALDEN

Registration No. 573951 England

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