



SSD-327-437-655
168-224-335 C.I.D.
DIESEL ENGINES



GENERAL INFORMATION

This Ford Industrial Engine Parts Catalog has been prepared to assist you, the owner, in identifying the correct replacement parts for your Ford Industrial Engine.

The catalog is divided into major sections which correspond to specific areas of the engine, such as cylinder block, cylinder head, crankshaft, oil pump, water pump, etc. Each of these sections is made up of illustrations followed by text for identifying detail parts.

ILLUSTRATIONS

The illustrations show typical assemblies but may not in all cases show the shape or details of parts required. However, the purpose of the illustrations is to identify parts through visual and descriptive assistance. Illustrations are located at the beginning of each section or immediately adjacent to the applicable text. Parts are identified on each illustration by reference numbers. Find the reference number of the part desired and locate it in the parts list reference column. As you will note, only the year, part name description and quantity are shown. When ordering replacement parts for your engine it will be necessary to contact your local Ford Power Products distributor whose phone number can be found on the inside cover of this parts list.

PARTS INFORMATION

Each listing contains illustrations, reference number, the effective year range, part name including description, and the quantity required to assist in identifying the correct part.

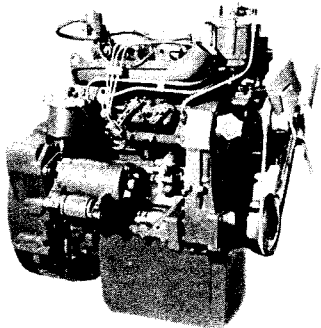
SYMBOLS IN YEAR COLUMN

- 72 Parts used commencing with initial production of engines are indicated by only the year in which production commenced.
- 72/75 Parts used for a period of years and then discontinued are indicated in the year column by a commencing and finishing year.
- 75/ Parts still used in current production are indicated by the commencing year followed by a slant (/).

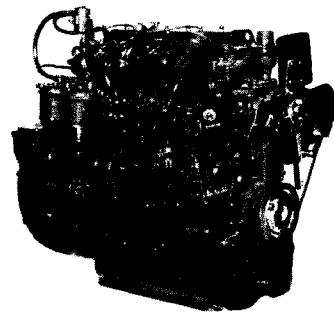
NOTE: The descriptions and specifications contained in this manual were in effect at the time the book was released for printing. Ford Motor Company reserves the right to discontinue models at any time, or change specifications or design, without notice and without incurring obligation.

New Additions to Your Wide World of Ford Power

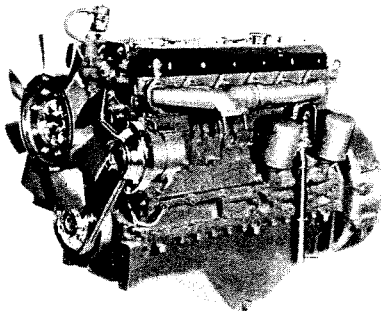
Ford wide world of power offers you these new proven performers for your engine and power unit needs. These new engines range from three to eight cylinders, V-types, in-lines, gas and diesel.



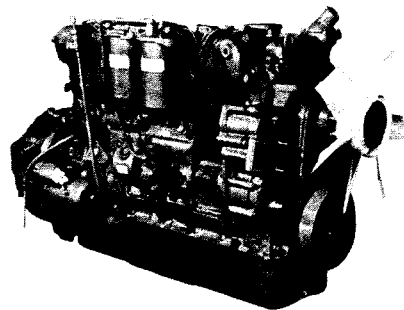
SSD-327 (Diesel)
3-Cylinder, 2.7 Litre, 168 CID



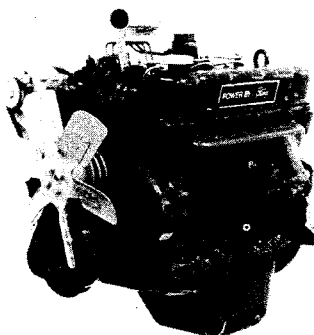
SSD-437 (Diesel)
4-Cylinder, 3.7 Litre, 224 CID



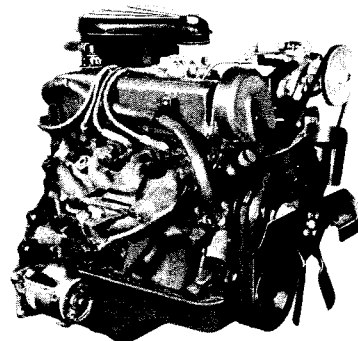
SSD-655 (Diesel)
6-Cylinder, 5.5 Litre, 335 CID



SSD-681 (Diesel)
6-Cylinder, 8.1 Litre, 495 CID



YSD-424 (Diesel)
4-Cylinder, 2.4 Litre, 144 CID



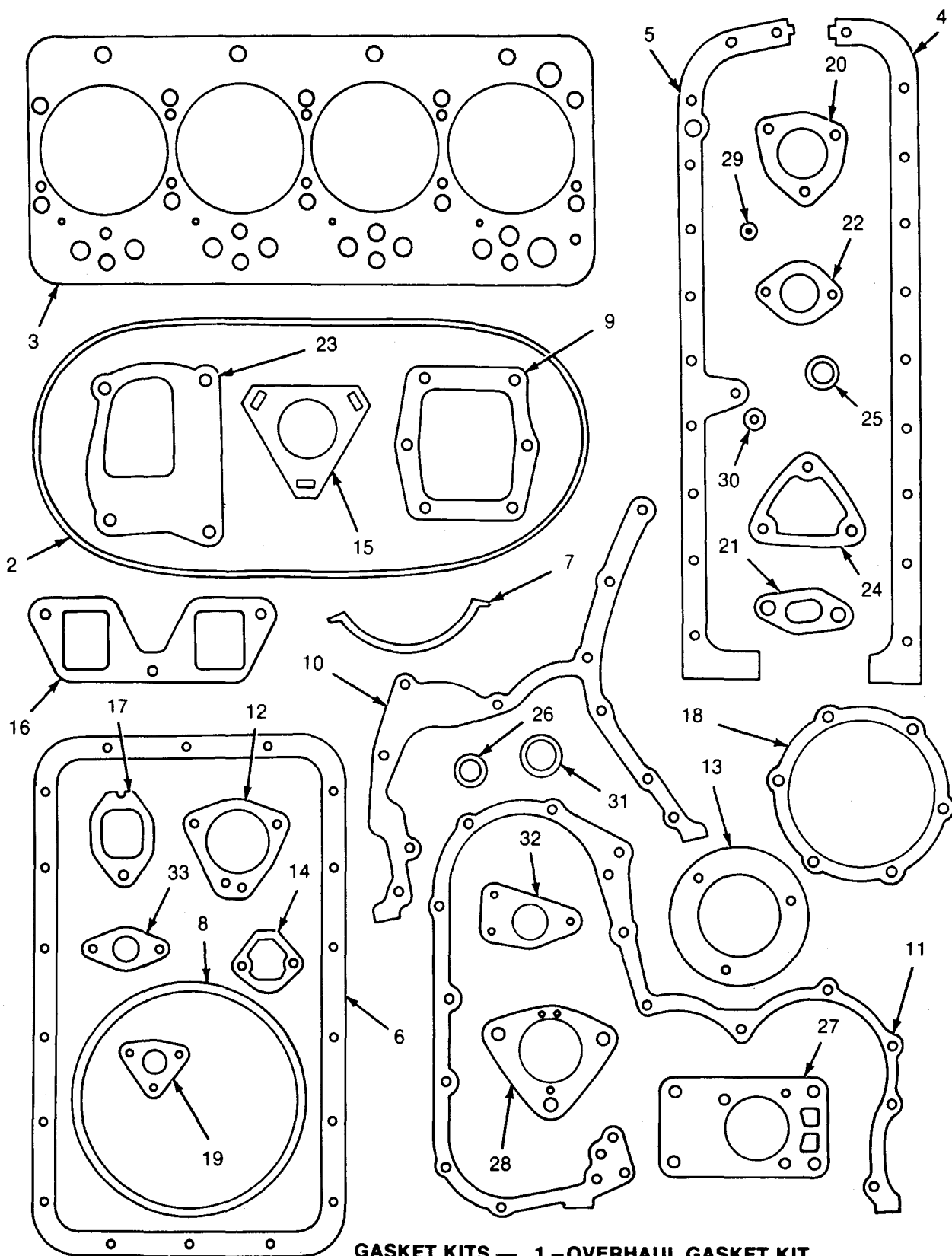
LSG-423 & LSG 633
4 & 6-Cylinder, Gasoline
2.3 Litre and 3.3 Litre

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**GASKET KITS — 1 — OVERHAUL GASKET KIT
34 — VALVE GRIND GASKET KIT**

1E-224

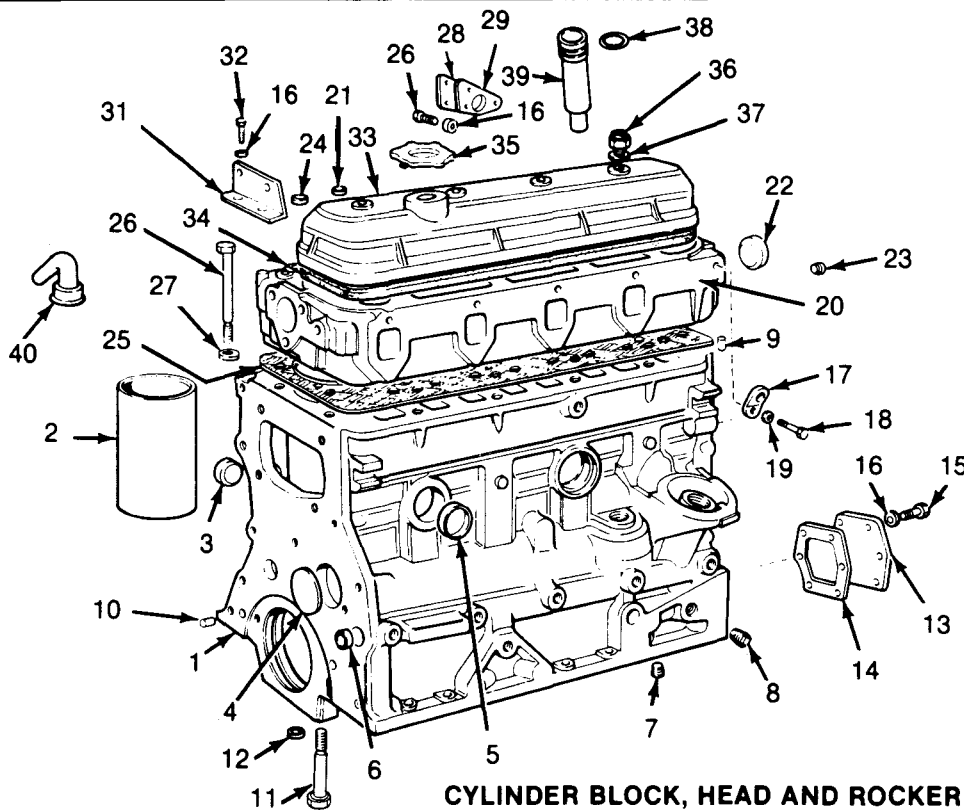
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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		GASKET KITS			
		OVERHAUL GASKET KIT			
1	79/ 79/ 79/	Kit - Overhaul Gasket	1		
		Kit - Overhaul Gasket		1	
		Kit - Overhaul Gasket			1
		CONSISTS OF:			
2	★	Gasket - Rocker Cover	1		
	△	Gasket - Rocker Cover		1	
	□	Gasket - Rocker Cover			1
3	★	Gasket - Cylinder Head	1		
	△	Gasket - Cylinder Head		1	
	□	Gasket - Cylinder Head			1
4		Gasket - Oil Sump - R.H.	1		
		Gasket - Oil Sump - R.H.		1	
		Gasket - Oil Sump - R.H.			1
5		Gasket - Oil Sump - L.H.	1		
		Gasket - Oil Sump - L.H.		1	
		Gasket - Oil Sump - L.H.			1
6		Gasket - Oil Sump Cover		1	
7		Seal - Oil Sump - Front	1	1	1
8		O-Ring - Flywheel Housing	1	1	1
9		Gasket - Cylinder Block Clean Out Cover	1	1	1
10		Gasket - Front Timing Gear Cover	1	1	
		Gasket - Front Timing Gear Cover			1
11		Gasket - Front Timing Gear Housing	1	1	1
		Gasket - Front Timing Gear Housing	1	1	
12		Gasket - Fuel Pump Support	2	2	
		Gasket - Injection Pump Drive	1	1	
		Gasket - Injection Pump Drive			1
14		Gasket - Fuel Pump	1	1	
		Gasket - Fuel Pump			1
15		Gasket - Injection Pump	1	1	
		Gasket - Injection Pump			1
16	★△□	Gasket - Intake Manifold	1	2	3
	★	Gasket - Intake Manifold	1		
17	★△□	Gasket - Exhaust Manifold	3	4	6
18		Gasket - Oil Fill Cover	1	1	
19		Gasket - Pick Up Tube	1	1	
		Gasket - Pick Up Tube			3
20	★△□	Gasket Thermostat Housing	1	1	1
21		Gasket - Water Pump By Pass	1	1	1
22		Gasket - Water Pump Inlet	1	1	1
23		Gasket - Water Pump To Housing/Block	2	2	2
24	★△□	Gasket - Thermostat Housing To Cylinder Head	1	1	1
25	★△□	O-Ring - Water Pump By Pass	1	1	1
26		Washer - Oil Sump Drain Plug	1	1	2
27		Gasket - Power Take Off Cover	2	2	2
28		Gasket - Power Take Off Support	1	1	1
29		O-Ring - Oil Sump To Cylinder Block Oil Passage		1	
30		O-Ring - Front Cover Oil Passage	1	1	1
31		Seal - Crankcase Ventilator	1	1	1
32	□	Gasket - Cylinder Head Access Cover			1
33		Gasket - Dipstick Tube			1
		VALVE GRIND GASKET KIT			
34	79/ 79/ 79/	Kit - Valve Grind Gasket (See ★ For Components)	1		
		Kit - Valve Grind Gasket (See △ For Components)		1	
		Kit - Valve Grind Gasket (See □ For Components)			1



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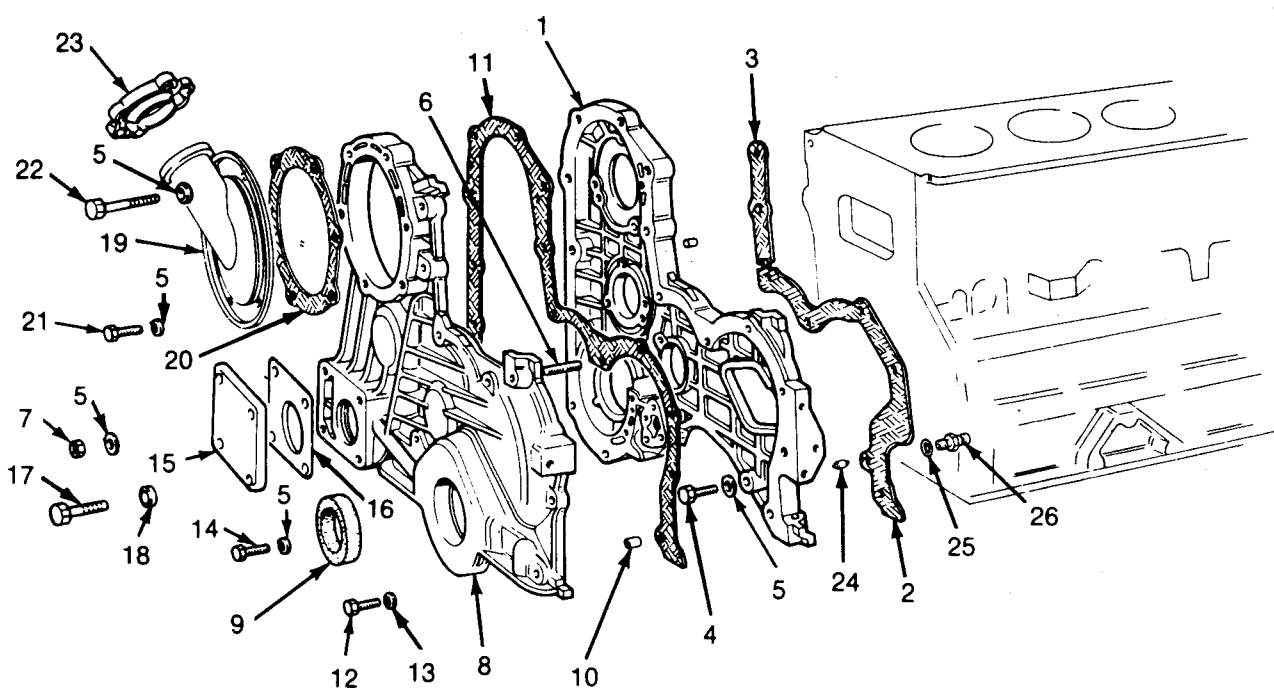
CYLINDER BLOCK, HEAD AND ROCKER COVER

REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		CYLINDER BLOCK, HEAD AND ROCKER COVER			
		BLOCK - CYLINDER			
1	79/ 79/ 79/	.....	1		
		.....		1	
		.....			1
		CONSISTS OF:			
2		Liner - Std.	3	4	6
		Liner - 0.2mm O/S	AR	AR	AR
3		Plug	3	4	7
4		Plug	1	1	1
5		Plug		2	3
6		Plug	5	5	6
7		Plug	1	1	2
8		Plug	1	6	8
9		Dowel (Oil Passage)	1	1	1
10		Dowel		2	
11		Bolt	8	10	14
12		Washer	8	10	14
13	79/	Cover	1	1	1
14	79/	Gasket	1	1	1
15	79/	Bolt	4	4	4
16	79/	Lockwasher	4	6	9
17	79/	Eye - Rear Engine Lifting	1	1	1
18	79/	Bolt	1	1	1
19	79/	Lockwasher	1	1	1

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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		CYLINDER BLOCK, HEAD AND ROCKER COVER (Cont'd.)			
		HEAD - CYLINDER			
20	79/	.....	1		
	79/	.....		1	
	79/	.....			1
		CONSISTS OF:			
21		Plug	1	1	1
22		Plug	1	1	1
23		Plug	1	6	8
24		Plug	6	8	12
25	79/	Gasket - Cylinder Head	1		
	79/	Gasket - Cylinder Head		1	
	79/	Gasket - Cylinder Head			1
26	79/	Bolt	14	18	26
27	79/	Washer	14	18	26
28	79/	Cover			1
29	79/	Gasket			1
30	79/	Bolt			3
31	79/	Eye - Front Engine Lifting		1	1
32	79/	Bolt		2	2
		COVER - ROCKER ARM			
33	79/	.....	1		
	79/	.....		1	
	79/	.....			1
34	79/	Gasket - Rocker Arm Cover	1		
	79/	Gasket - Rocker Arm Cover		1	
	79/	Gasket - Rocker Arm Cover			1
35	79/	Cap - Rocker Cover Oil Filler	1	1	
36	79/	Nut	3	4	6
37	79/	Washer	3	4	6
38	79/	O-Ring	6	8	12
39	79/	Sleeve - Injector	3	4	6
40	79/	Deflector - Water	3	4	6



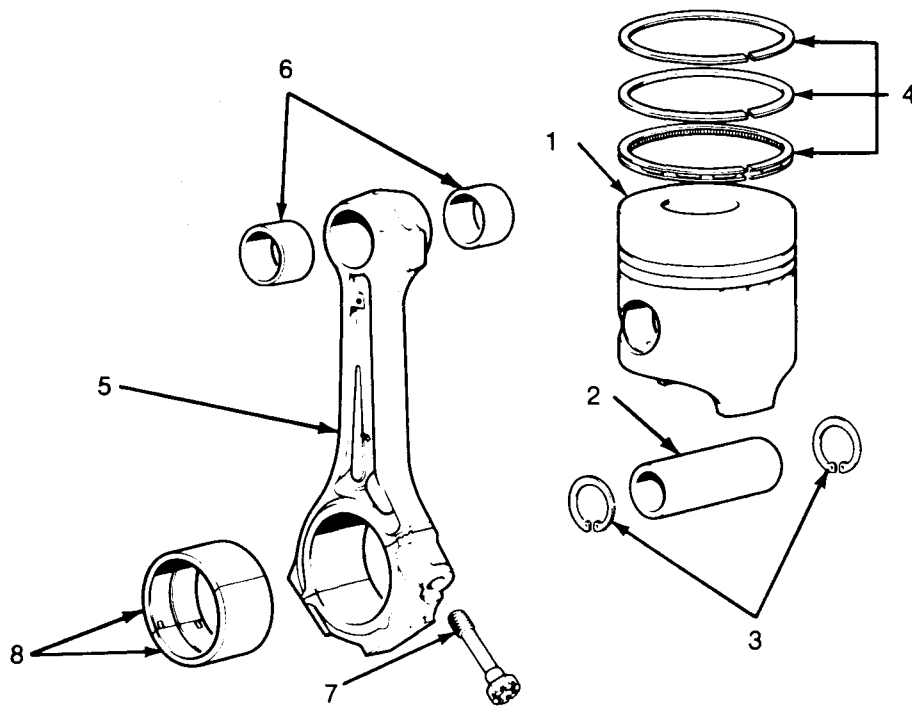
FRONT COVER ASSEMBLY

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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		FRONT COVER ASSEMBLY			
		HOUSING - TIMING GEAR			
1	79/	.....	1	1	
	79/	.....			1
2	79/	Gasket - Timing Gear Housing	1	1	1
3	79/	Gasket - Timing Gear Housing	1	1	
4	79/	Bolt.....	3	3	3
5	79/	Lockwasher.....	22	22	17
6	79/	Stud	1	1	1
7	79/	Nut.....	1	1	1
		COVER - TIMING GEAR			
8	79/	.....	1	1	
	79/	.....			1
		CONSISTS OF:			
9		Seal	1	1	1
10		Dowel		2	
11	79/	Gasket - Timing Gear Cover.....	1	1	
	79/	Gasket - Timing Gear cover			1
12	79/	Bolt.....	1	1	
13	79/	Lockwasher.....	1	1	
14	79/	Bolt.....	1	1	
	79/	Bolt.....			6
	79/	Bolt.....	4	4	1
	79/	Bolt.....	1	1	
	79/	Bolt.....	6	6	6
15	79/	Cover			1
16	79/	Gasket			1
17	79/	Bolt.....			4
18	79/	Lockwasher.....			4
19	79/	Cover	1	1	
20	79/	Gasket	1	1	
21	79/	Bolt.....	2	2	
22	79/	Bolt.....	4	4	
23	79/	Cap - Oil Filler.....	1	1	
24	79/	Jet - Oil Passage	1	1	1
25	79/	O-Ring	1	1	1
26	79/	Union - Oil Passage.....	1	1	1



PISTON, RINGS, CONNECTING RODS AND RELATED PARTS

IE-115

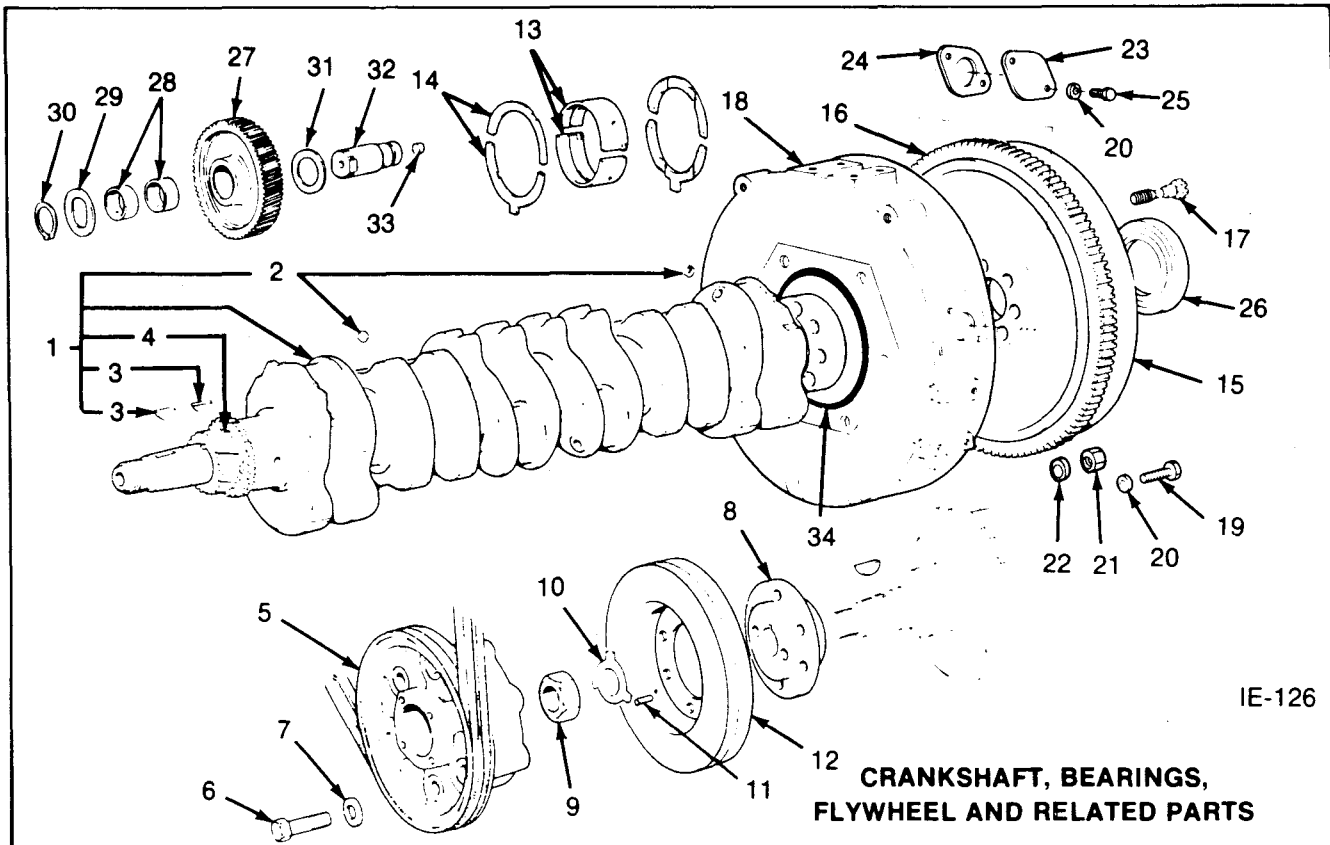
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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		PISTONS, RINGS, CONNECTING RODS AND RELATED PARTS			
		PISTON			
1	79/	Standard	3	4	6
	79/	0.2mm O/S.....	AR	AR	AR
	79/	0.4mm O/S.....	AR	AR	AR
	79/	0.6mm O/S.....	AR	AR	AR
	79/	0.8mm O/S.....	AR	AR	AR
2	79/	Pin - Piston	3	4	6
3	79/	Retainer - Piston Pin	6	8	12
		RING SET - PISTON			
4	79/	Standard	3	4	6
	79/	0.2mm O/S.....	AR	AR	AR
	79/	0.4mm O/S.....	AR	AR	AR
	79/	0.6mm O/S.....	AR	AR	AR
	79/	0.8mm O/S.....	AR	AR	AR
		ROD - CONNECTING			
5	79/	.....	3	4	6
		CONSISTS OF:			
6	79/	Bushing	6	8	12
7	79/	Bolt	6	8	12
		BEARING - CONNECTING ROD			
8	79/	Standard	6	8	12
	79/	0.254mm O/S	AR	AR	AR
	79/	0.508mm O/S	AR	AR	AR
	79/	0.762mm O/S	AR	AR	AR
	79/	1.016mm O/S	AR	AR	AR



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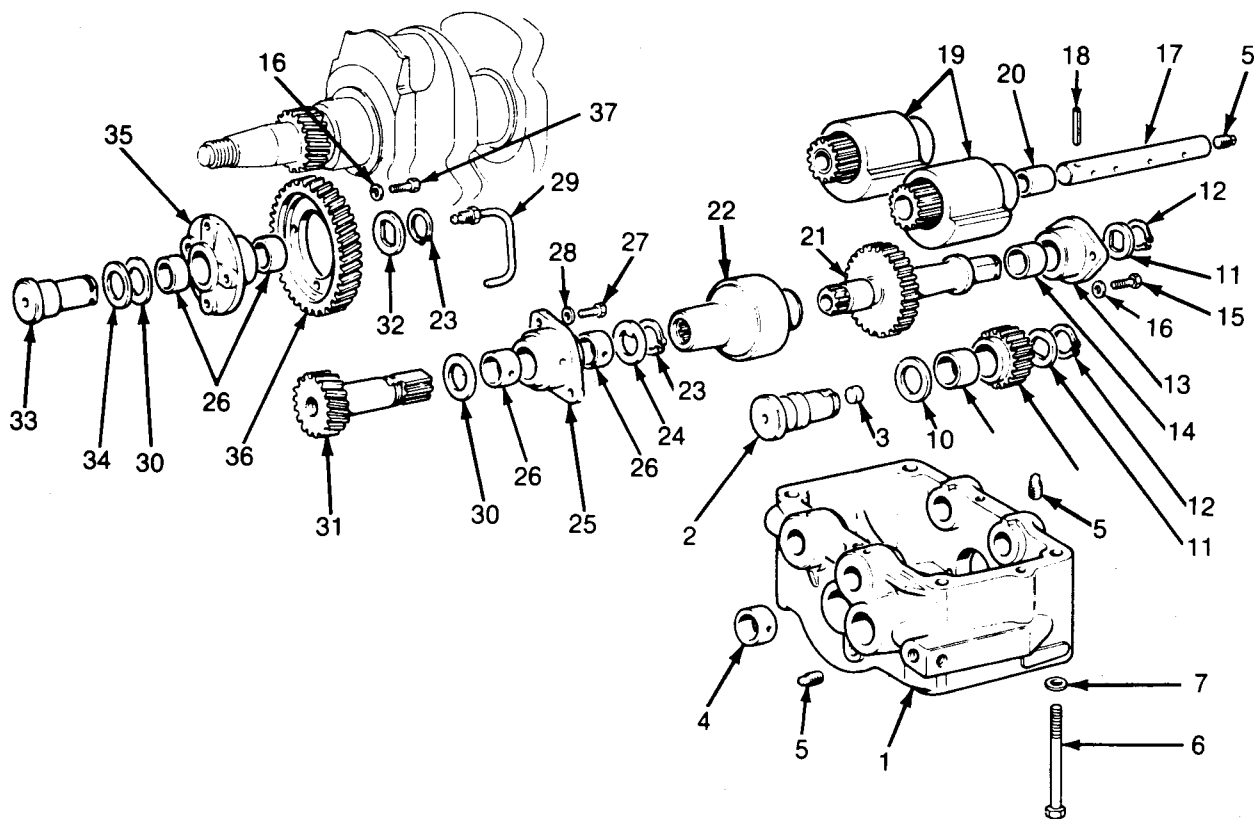
**CRANKSHAFT, BEARINGS,
 FLYWHEEL AND RELATED PARTS**

REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		CRANKSHAFT, BEARINGS, FLYWHEEL AND RELATED PARTS			
		CRANKSHAFT			
1	79/ 79/ 79/	..... ..... .....	1	1	1
		CONSISTS OF:			
2		Plug	3	4	6
3		Key	2	2	2
4		Gear		1	
		Gear			1
		Gear - Oil Pump Drive			1
	79/	Gear (Not Included With Crankshaft Assembly)	1		
5	79/ 79/ 79/ 79/	Pulley - Crankshaft	1		
		Pulley - Crankshaft		1	
		Pulley - Crankshaft			1
6	79/ 79/	Bolt	3	3	
		Bolt			6
7	79/	Lockwasher	7	7	10
8	79/ 79/ 79/	Hub	1		
		Hub		1	
		Hub			1
9	79/	Nut	1	1	1
10	79/	Lockwasher	1	1	1
11	79/	Pin	1		1
12	79/	Damper - Crankshaft			1

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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		CRANKSHAFT, BEARINGS, FLYWHEEL AND RELATED PARTS (Cont'd.)			
		BEARING KIT - CRANKSHAFT MAIN			
13	79/	Standard	4	5	7
	79/	0.254 mm O/S	AR	AR	AR
	79/	0.508 mm O/S	AR	AR	AR
	79/	0.762 mm O/S	AR	AR	AR
	79/	1.016 mm O/S	AR	AR	AR
14	79/	Washer Kit - Crankshaft Thrust (Std.)	1	1	1
	79/	Washer Kit - Crankshaft Thrust (0.127 mm O/S)	AR	AR	AR
		FLYWHEEL			
15	79/	.....	1		
	79/	.....		1	
	79/	.....			1
		CONSISTS OF:			
16		Ring Gear	1	1	1
17	79/	Bolt	7	7	7
18	79/	Housing - Flywheel	1	1	1
19	79/	Bolt	2	2	2
	79/	Bolt	4	4	4
	79/	Bolt	2	2	2
20	79/	Lockwasher	4	4	4
21	79/	Nut	2	2	2
22	79/	Lockwasher	4	4	4
23	79/	Cover	1	1	1
24	79/	Gasket	1	1	1
25	79/	Bolt	2	2	2
26	79/	Seal	1	1	1
27	79/	Gear	1	1	1
		CONSISTS OF:			
28		Bushing	2	2	2
29	79/	Washer	1	1	1
30	79/	Lockring	1	1	1
31	79/	Washer	1	1	1
32	79/	Shaft	1	1	1
		CONSISTS OF:			
33		Plug	1	1	1
34	79/	O-Ring	1	1	1



BALANCER ASSEMBLY

IE-118

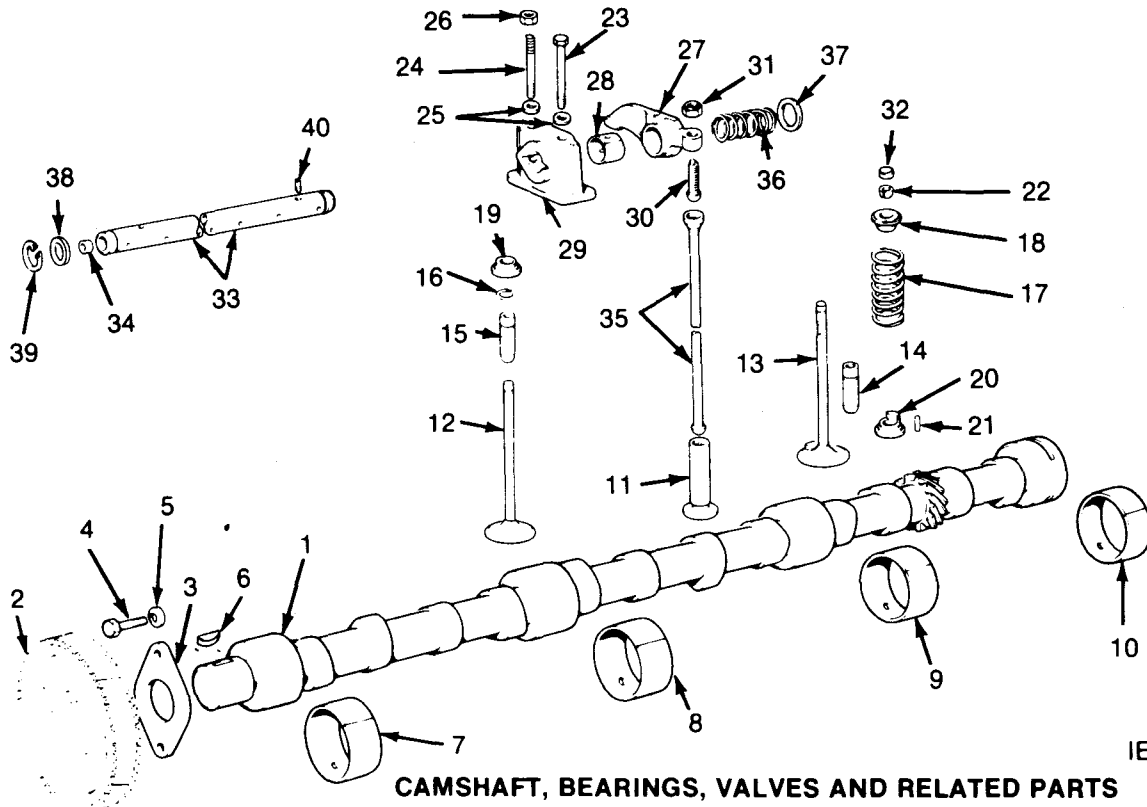
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REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		BALANCER ASSEMBLY			
1	79/	Support - Balancer.....		1	
		CONSISTS OF:			
2		Pin		1	
3		Plug		1	
4		Bushing.....		5	
5		Plug		4	
6	79/	Bolt.....		4	
7	79/	Washer		4	
8	79/	Gear		1	
		CONSISTS OF:			
9		Bushing.....		1	
10	79/	Washer		1	
11	79/	Washer		2	
12	79/	Lockring.....		1	
13	79/	Support		1	
		CONSISTS OF:			
14		Bushing.....		1	
15	79/	Bolt.....		2	
16	79/	Lockwasher.....		6	
17	79/	Shaft.....		2	
		CONSISTS OF:			
		Plug		4	
18	79/	Pin		2	
19	79/	Flyweight.....		2	
		CONSISTS OF:			
20		Bushing.....		4	
21	79/	Gear		1	
22	79/	Coupling		1	
23	79/	Lockring.....		1	
24	79/	Washer		1	
25	79/	Support		1	
		CONSISTS OF:			
26		Bushing.....		2	
27	79/	Bolt.....		2	
28	79/	Lockwasher.....		2	
29	79/	Tube		1	
30	79/	Washer		2	
31	79/	Gear - Idler		1	
32	79/	Washer		1	
33	79/	Pin		1	
34	79/	Washer		1	
35	79/	Hub.....		1	
		CONSISTS OF:			
		Bushing.....		2	
36	79/	Gear - Idler		1	
37	79/	Bolt.....		4	



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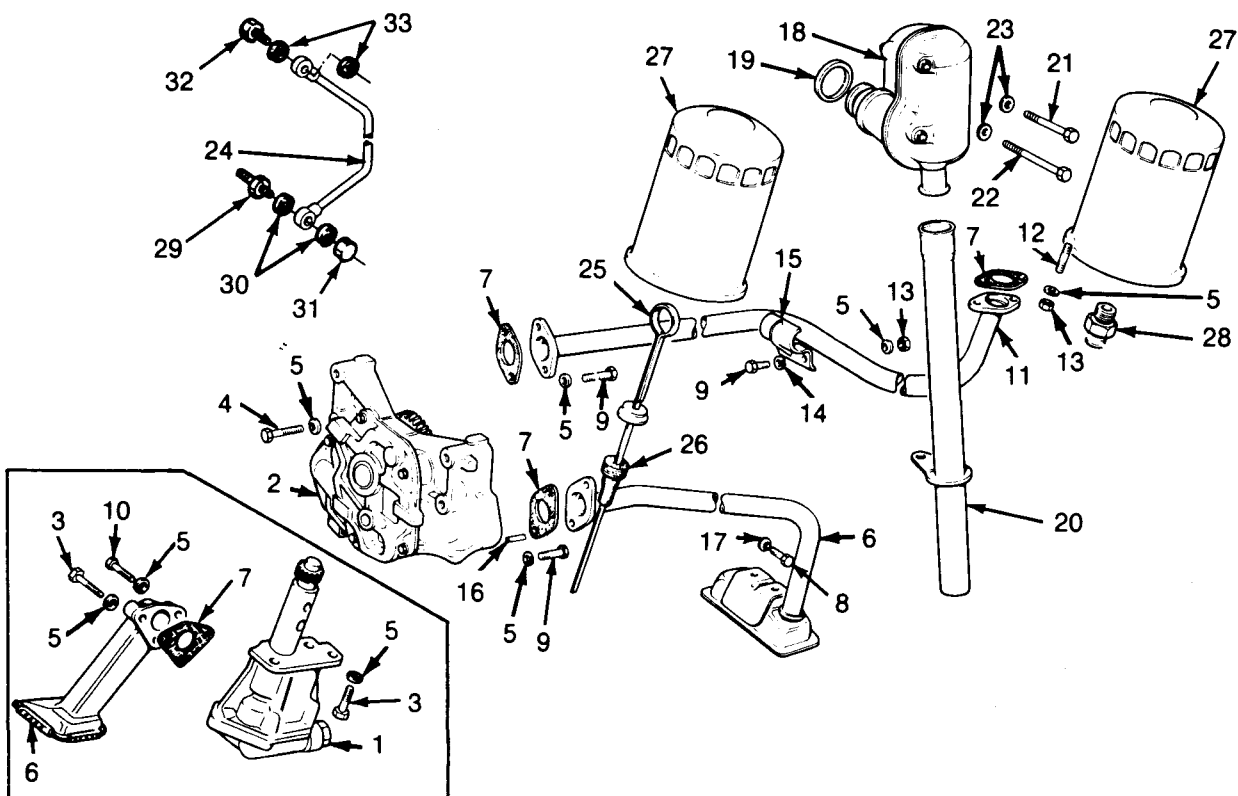
CAMSHAFT, BEARINGS, VALVES AND RELATED PARTS

REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		CAMSHAFT, BEARINGS, VALVES AND RELATED PARTS			
		CAMSHAFT			
1	79/ 79/ 79/	.....	1		
		.....		1	
		.....			1
		CONSISTS OF:			
2		Gear.....	1	1	1
3		Plate.....	1	1	1
4		Bolt.....	2	2	2
5		Lockwasher.....	2	2	2
6		Key.....	1	1	1
		BEARING - CAMSHAFT			
7	79/	Front.....			1
	79/	Front.....	1	1	
8	79/	Front Intermediate.....			1
	79/	Center.....	1	1	
9	79/	Rear Intermediate.....			1
10	79/	Rear.....	1	1	1
11	79/	Tappet.....	6	8	12

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			168	224	335
		CAMSHAFT, BEARINGS, VALVES AND RELATED PARTS (Cont'd.)			
		VALVE			
12	79/	Exhaust	3	4	6
13	79/	Intake	3	4	6
14	79/	Bushing - Valve Guide - Intake	3	4	6
15	79/	Bushing - Valve Guide - Exhaust	3	4	6
16	79/	Lockring - Valve Guide Bushing	6	8	12
17	79/	Spring - Valve	6	8	12
18	79/	Retainer - Valve Spring	6	8	12
19	79/	Spacer	3	4	6
20	79/	Spacer	3	4	6
21	79/	Pin	3	4	6
22	79/	Lock-Valve	12	16	24
23	79/	Bolt	3	4	6
24	79/	Stud	3	4	6
25	79/	Lockwasher	6	8	12
26	79/	Nut	3	4	6
27	79/	Arm - Valve Rocker	6	8	12
		CONSISTS OF:			
28		Bushing - Rocker Arm	6	8	12
29	79/	Support	3	4	6
30	79/	Screw - Rocker Arm Adjusting	6	8	12
31	79/	Nut - Rocker Arm Adjusting Screw	6	8	12
32	79/	Cap - Valve Stem	6	8	12
		SHAFT - ROCKER ARM			
33	79/	.....	1		
	79/	.....		1	
	79/	.....			1
		CONSISTS OF:			
34		Plug	2	2	2
35	79/	Rod - Push	6	8	12
36	79/	Spring - Rocker Arm Locating	2	3	5
37	79/	Washer - Locating Spring	4	6	10
38	79/	Washer	AR	AR	AR
	79/	Washer	AR	AR	AR
39	79/	Lockring	2	2	2
40	79/	Screw (Oil Passage)	1	1	1



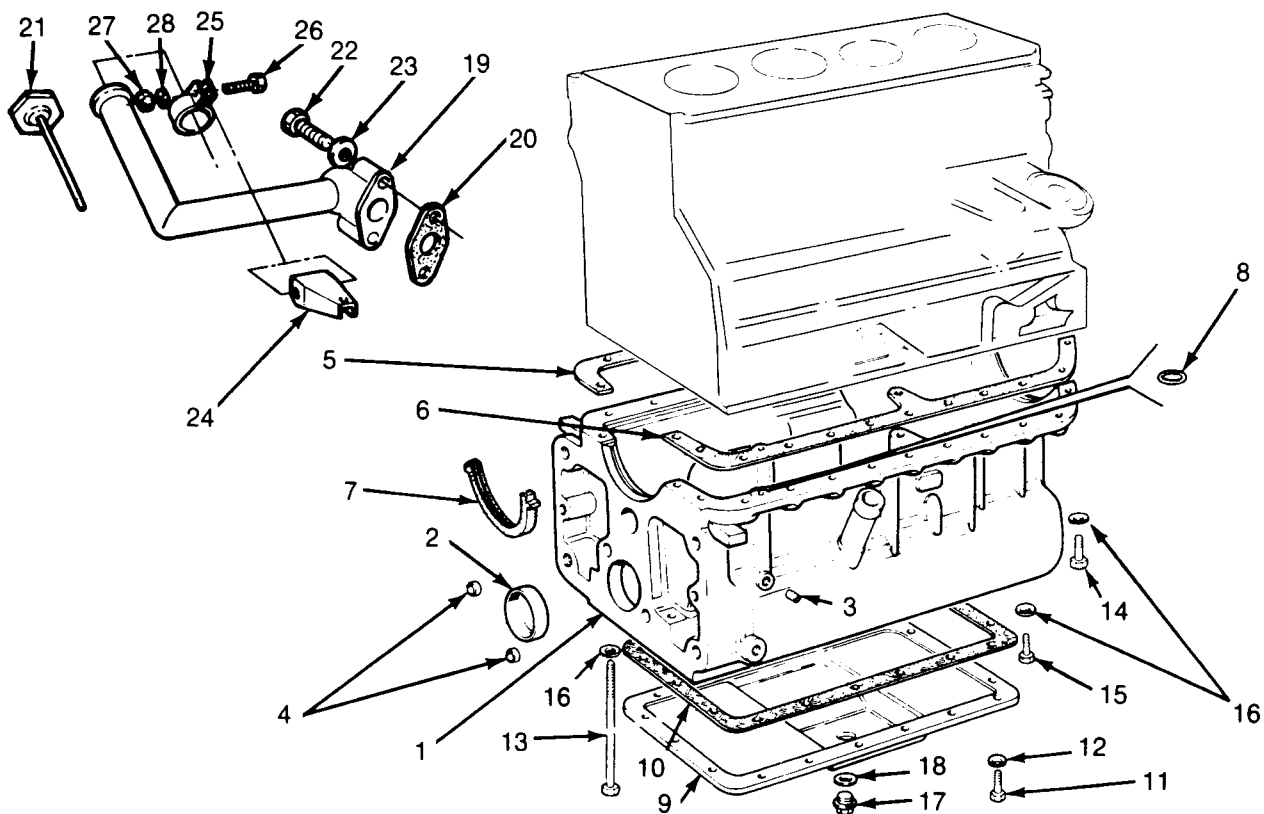
OIL PUMP, PICK-UP, FILTER AND RELATED PARTS

IE-113

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		OIL PUMP, PICK-UP, FILTER AND RELATED PARTS			
		PUMP - OIL			
1	79/	.....	1	1	
2	79/	.....			1
3	79/	Bolt.....	2	2	
4	79/	Bolt.....	1		4
5	79/	Lockwasher.....	5	6	14
		SCREEN AND TUBE ASSEMBLY - OIL PICK UP			
6	79/	.....	1		
	79/	.....		1	
7	79/	Gasket - Pick Up Tube.....	1	1	
	79/	Gasket - Pick Up Tube.....			3
8	79/	Bolt.....			2
9	79/	Bolt.....			6
10	79/	Bolt.....	2		
11	79/	Tube - Oil Pump To Block.....			1
12	79/	Stud.....			2
13	79/	Nut.....			4
14	79/	Washer.....			2
15	79/	Clamp.....			1
16	79/	Dowel.....			2
17	79/	Washer.....		1	
18	79/	Vent - Crankcase.....	1	1	1
19	79/	Gasket.....	1	1	1
20	79/	Tube.....	1	1	1
21	79/	Bolt.....	1	1	1
22	79/	Bolt.....	1	1	1
23	79/	Washer.....	2	2	2
24	79/	Tube - Lube Oil To Injection Pump.....			1
25	79/	Indicator - Oil Level.....	1		
	79/	Indicator - Oil Level.....		1	
		CONSISTS OF:			
26		Seal.....	1	1	
		FILTER - OIL			
27	79/	.....	1	1	
	79/	.....			2
28	79/	Insert - Oil Filter Mounting.....	1	1	2
29	79/	Connection.....			1
30	79/	Washer.....			2
31	79/	Nut - Cap.....			1
32	79/	Bolt - Banjo.....			1
33	79/	Washer.....			2



OIL SUMP, COVER AND RELATED PARTS

IE-119

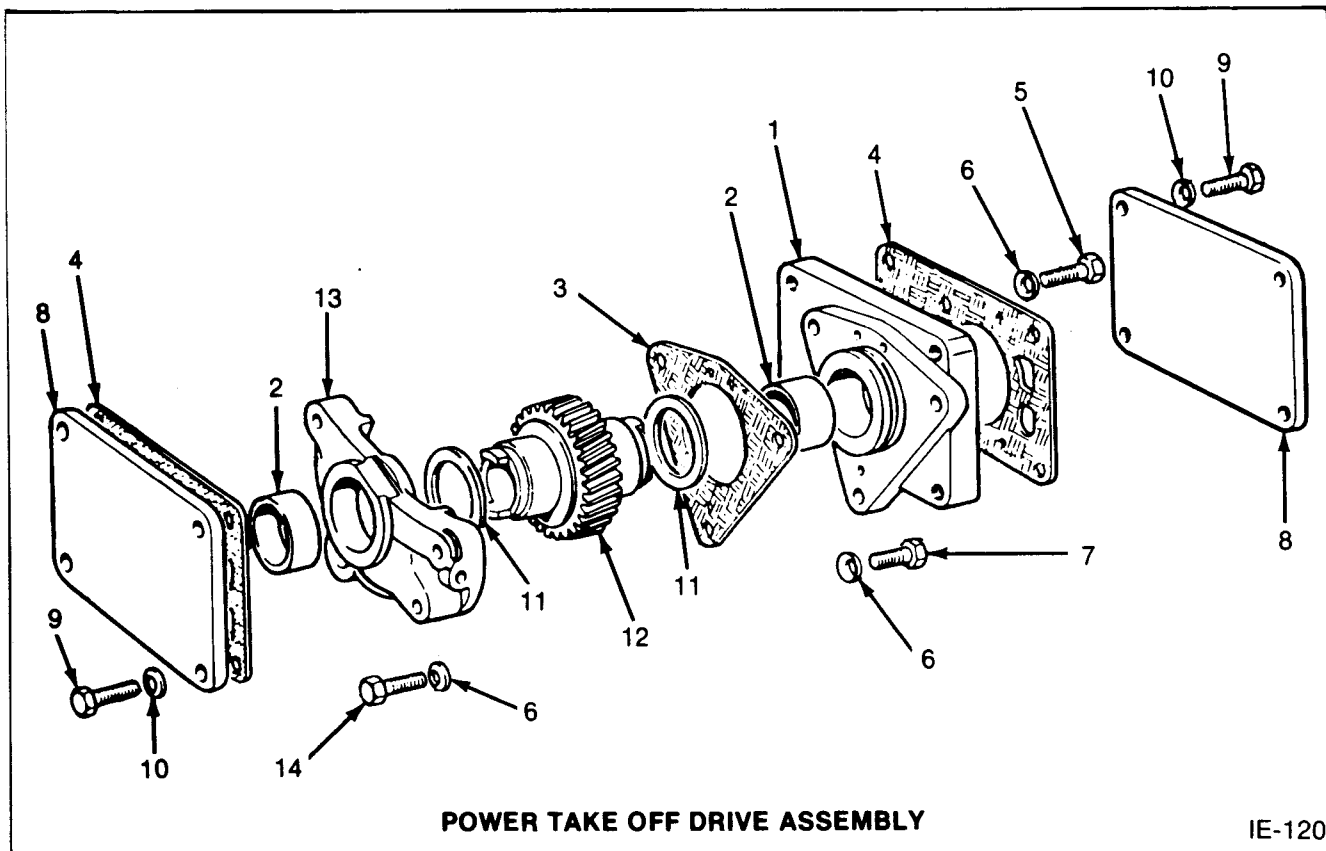
SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		OIL SUMP, COVER AND RELATED PARTS			
		SUMP - OIL			
1	79/	.....	1		
	79/	.....			1
	79/	.....		1	
		CONSISTS OF:			
2		Plug		1	
3		Plug		1	
4		Plug		2	
5	79/	Gasket - Oil Sump (Right Side)	1		
	79/	Gasket - Oil Sump (Right Side)		1	
	79/	Gasket - Oil Sump (Right Side)			1
6	79/	Gasket - Oil Sump (Left Side)	1		
	79/	Gasket - Oil Sump (Left Side)		1	
	79/	Gasket - Oil Sump (Left Side)			1
7	79/	Seal - Oil Sump (Front)	1	1	1
8	79/	O-Ring		1	
		COVER - OIL SUMP			
9	79/	.....		1	
10	79/	Gasket - Oil Sump Cover		1	
11	79/	Bolt		18	
12	79/	Lockwasher		18	
13	79/	Bolt	3	3	3
	79/	Bolt			2
	79/	Bolt			1
14	79/	Bolt	6	6	6
15	79/	Bolt	12	18	26
16	79/	Lockwasher	21	27	35
17	79/	Plug - Oil Drain	1	1	2
18	79/	Gasket - Oil Drain Plug	1	1	2
19	79/	Pipe - Oil Fill			1
20	79/	Gasket - Oil Fill Pipe			1
21	79/	Cap - Oil Fill And Dipstick			1
22	79/	Bolt			2
23	79/	Lockwasher			2
24	79/	Bracket			1
25	79/	Clamp			1
26	79/	Bolt			1
27	79/	Nut			1
28	79/	Lockwasher			1



SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



POWER TAKE OFF DRIVE ASSEMBLY

IE-120

REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		POWER TAKE OFF DRIVE ASSEMBLY			
1	79/	Support	1	1	1
		CONSISTS OF:			
2		Bushing	1	1	1
3	79/	Gasket	1	1	1
4	79/	Gasket	2	2	2
5	79/	Bolt	1	1	1
6	79/	Lockwasher	10	10	10
7	79/	Bolt	2	2	2
8	79/	Cover	2	2	2
9	79/	Bolt	8	8	8
10	79/	Lockwasher	8	8	8
11	79/	Washer	2	2	
	79/	Washer			2
12	79/	Drive Shaft	1	1	
	79/	Drive Shaft			1
13	79/	Support	1	1	1
		CONSISTS OF:			
	79/	Bushing	1	1	1
14	79/	Bolt	3	3	3

Ford's New SSD Diesel Series . . . in 3, 4, and 6 Cylinders

Your Ford Power products distributor has engines for a wide range of jobs!

The exciting new SSD Diesel Engine Series consists of two basic families . . .

The first family consists of:

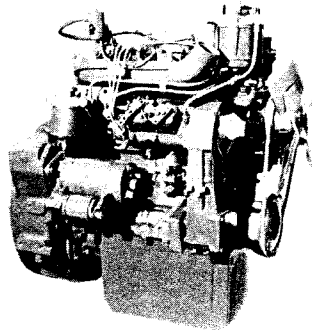
- The three cylinder, naturally aspirated SSD-327, the four cylinder SSD-437, and the six cylinder SSD-655.

The second family consists of:

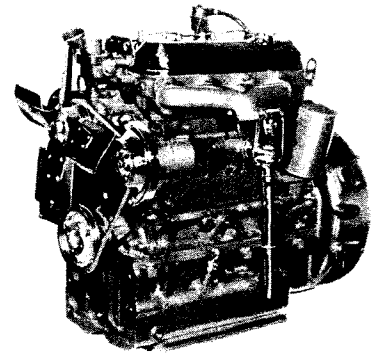
- The six cylinder SSD-681.

An important feature for the parts and service managers is that both the three and four cylinder engines share a similar bore and stroke with the 6 cylinder SSD-655M. Many parts are common to help reduce costly parts inventories.

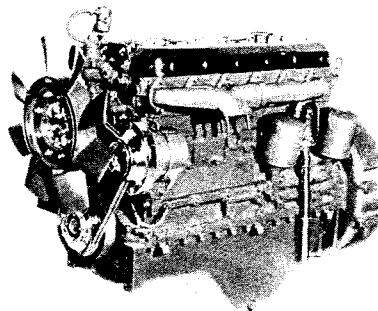
Be sure to get your parts & service from the man who knows your engine best — your Ford Power Products Distributor. He is listed on the inside cover.



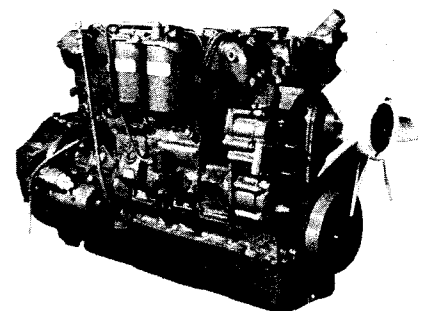
SSD-327
3 Cylinder,
2.7 Litre, 168 CID



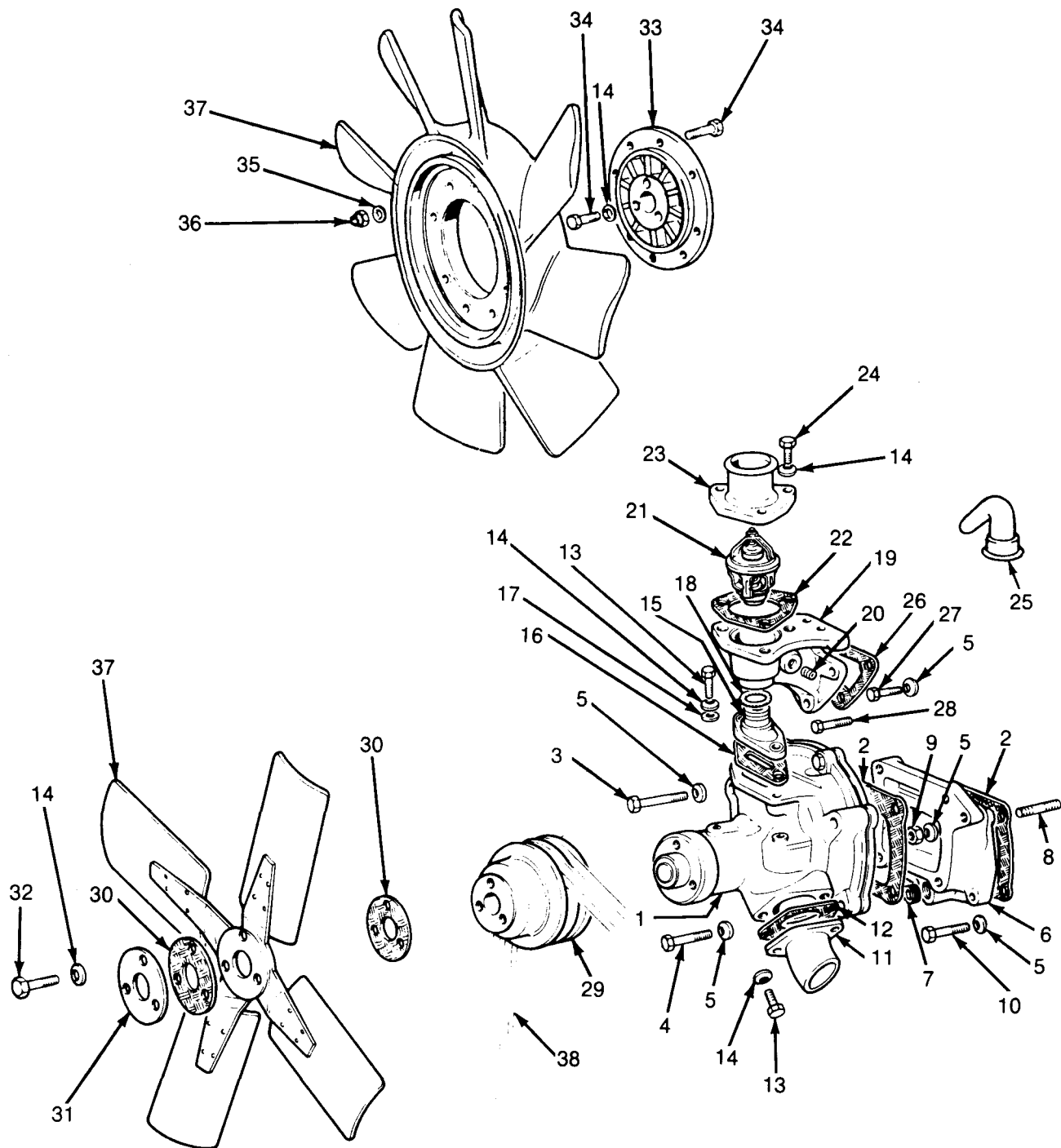
SSD-437
4 Cylinder,
3.7 Litre, 224 CID



SSD-655
6 Cylinder,
5.5 Litre 335 CID



SSD-681
6 Cylinder
8.1 Litre, 495 CID



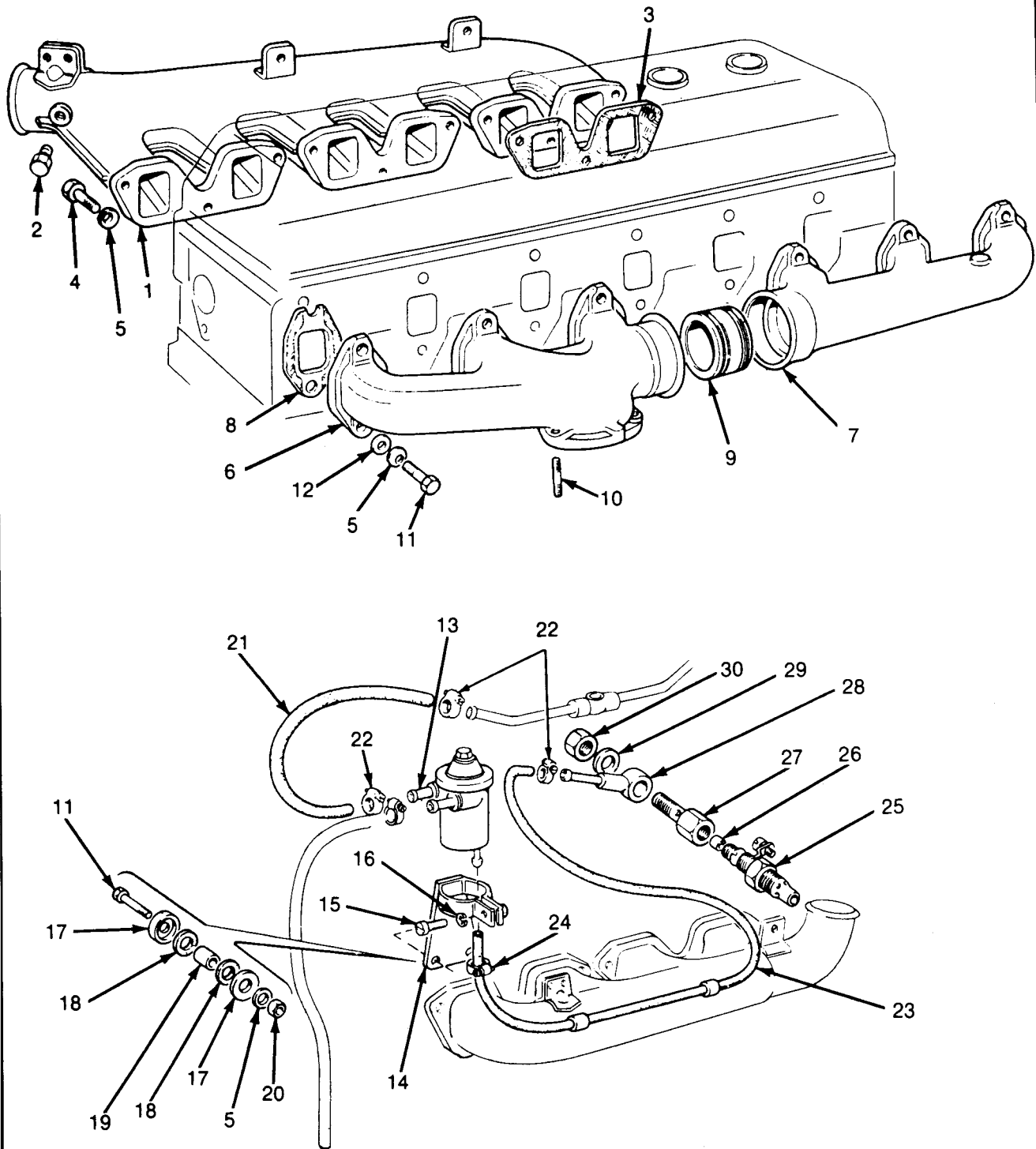
WATER PUMP, FAN, THERMOSTAT AND RELATED PARTS

IE-121

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		WATER PUMP, FAN, THERMOSTAT AND RELATED PARTS			
		PUMP - WATER			
1	79/	.....	1	1	1
2	79/	Gasket	2	2	2
3	79/	Bolt	3	3	3
4	79/	Bolt	1	1	1
5	79/	Lockwasher	11	11	11
6	79/	Housing	1	1	1
		CONSISTS OF:			
7		Plug	1	1	1
8	79/	Stud	1	1	1
9	79/	Nut	1	1	1
10	79/	Bolt	3	3	3
11	79/	Connection	1	1	1
12	79/	Gasket	1	1	1
13	79/	Bolt	4	4	4
14	79/	Lockwasher	10	10	10
15	79/	Connector	1	1	1
16	79/	Gasket	1	1	1
17	79/	Washer	2	2	2
18	79/	Seal	1	1	1
19	79/	Housing	1		
	79/	Housing		1	1
		CONSISTS OF:			
20		Plug		1	1
		THERMOSTAT			
21	79/	.....	1	1	1
22	79/	Gasket	1	1	1
23	79/	Connection	1	1	1
24	79/	Bolt	3	3	3
25	79/	Deflector	3	4	6
26	79/	Gasket	1	1	1
27	79/	Bolt	2	2	2
28	79/	Bolt	1	1	1
29	79/	Pulley	1	1	
	79/	Pulley			1
30	79/	Washer	2	2	
31	79/	Washer	1	1	
32	79/	Bolt	3	3	
33	79/	Adaptor			1
34	79/	Bolt			11
35	79/	Washer			8
36	79/	Nut			8
		FAN ASSEMBLY			
37	79/	.....	1	1	
	79/	.....			1
38	79/	Belt - Fan	1	1	
	79/	Belt - Fan			2



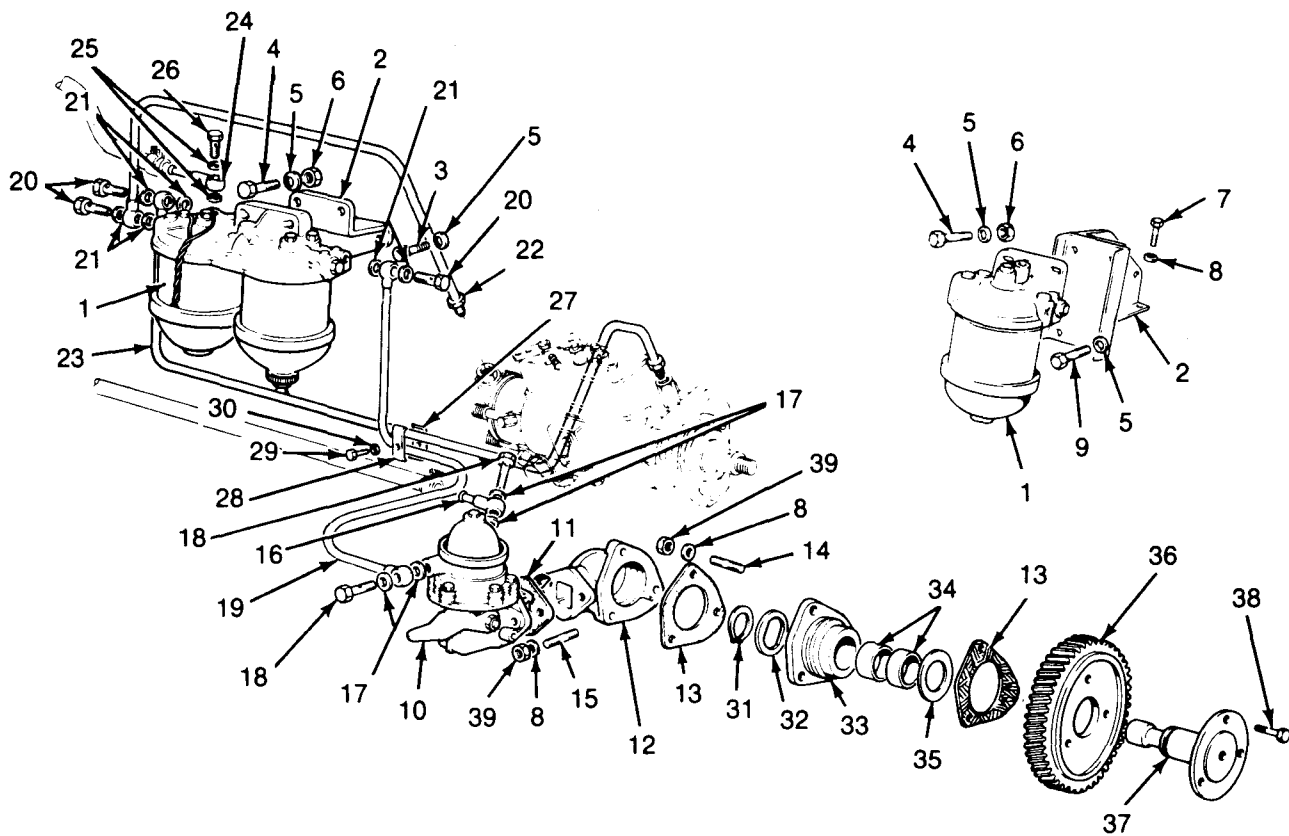
MANIFOLDS AND COLD STARTING AID

IE-122

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		MANIFOLDS AND COLD STARTING AID			
1	79/	Manifold - Intake	1		
	79/	Manifold - Intake		1	
	79/	Manifold - Intake			1
2	79/	Plug	1	1	1
3	79/	Gasket	1	2	3
		Gasket	1		
4	79/	Bolt	5	6	9
5	79/	Lockwasher	13	16	23
6	79/	Manifold - Exhaust	1		
	79/	Manifold - Exhaust		1	
	79/	Manifold - Exhaust (Front)			1
7	79/	Manifold - Exhaust (Rear)			1
8	79/	Gasket	3	4	6
9	79/	Ring			1
10	79/	Stud	3	3	
	79/	Stud			3
11	79/	Bolt	8	10	14
12	79/	Washer	6	8	12
13	79/	Reservoir	1	1	1
14	79/	Bracket	1	1	1
15	79/	Bolt	1	1	1
16	79/	Lockwasher	1	1	1
17	79/	Cup	4	4	4
18	79/	Pad	4	4	4
19	79/	Spacer	2	2	2
20	79/	Nut	2	2	2
21	79/	Hose	1	1	1
22	79/	Clamp	3	3	3
23	79/	Hose	1		
	79/	Hose		1	
	79/	Hose			1
24	79/	Clamp	1	1	1
25	79/	Glow Plug		1	1
	79/	Glow Plug	1		
26	79/	Gasket	1	1	1
27	79/	Union	1	1	1
28	79/	Connection	1	1	1
29	79/	Gasket	1	1	1
30	79/	Nut	1	1	1



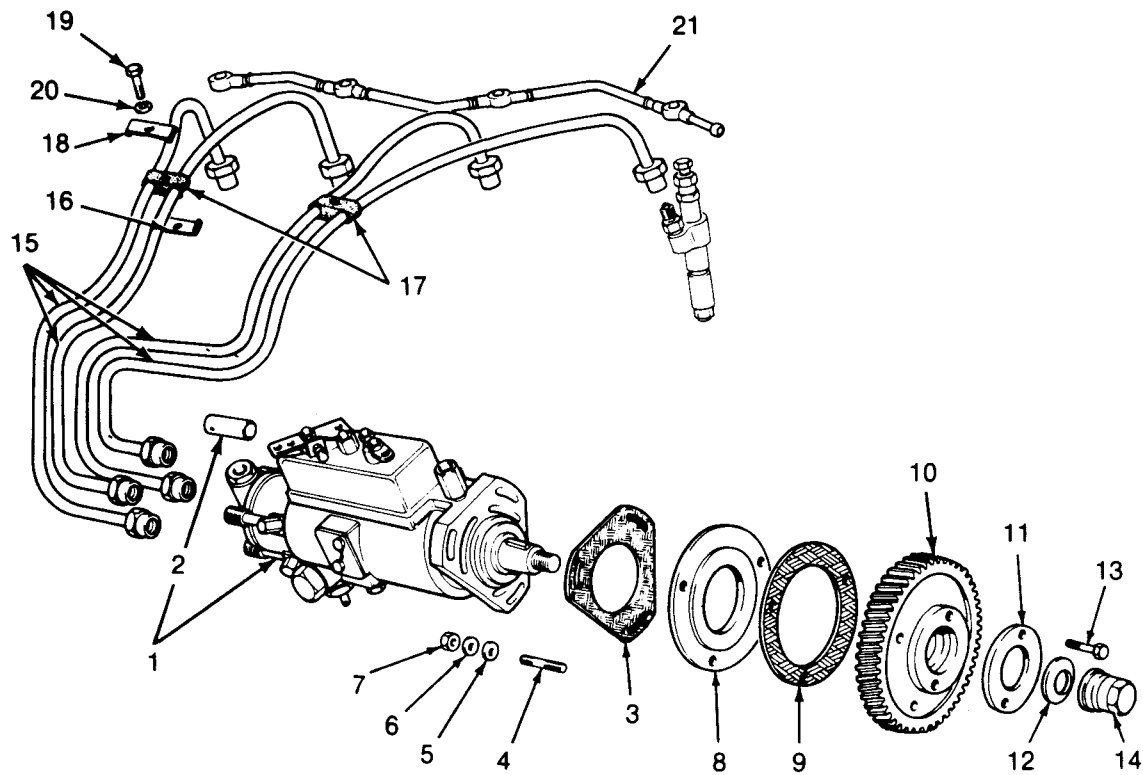
ROTARY FUEL SYSTEM, FILTERS AND RELATED PARTS

IE-123

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		ROTARY FUEL SYSTEM, FILTERS AND RELATED PARTS			
		FILTER ASSEMBLY			
1	79/	Primary	1		
	79/	Secondary	1		
	79/	.....		1	
2	79/	Bracket	1	1	
	79/	Bracket - Secondary Filter	1		
3	79/	Bolt	3	3	
4	79/	Bolt	4	2	
5	79/	Lockwasher	9	5	
6	79/	Nut	4	2	
7	79/	Bolt - Secondary Filter	2		
8	79/	Lockwasher	7	5	
9	79/	Bolt - Secondary Filter	2		
		PUMP - FUEL LIFT			
10	79/	.....	1	1	
11	79/	Gasket	1	1	
12	79/	Support	1	1	
13	79/	Gasket	2	2	
14	79/	Stud	3	3	
15	79/	Stud	2	2	
16	79/	Connection		1	
	79/	Connection	1		
17	79/	Washer	4	4	
18	79/	Bolt - Banjo	2	2	
19	79/	Line		1	
	79/	Line	1		
	79/	Line - Primary To Secondary	1		
20	79/	Bolt - Banjo	5	3	
21	79/	Washer	10	6	
22	79/	Line	1		
	79/	Line		1	
23	79/	Line		1	
	79/	Line	1		
24	79/	Connection	1	1	
25	79/	Washer	2	2	
26	79/	Bolt - Banjo	1	1	
27	79/	Clamp	1	1	
28	79/	Clamp	1	1	
29	79/	Bolt	1	1	
30	79/	Lockwasher	1	1	
31	79/	Lockring	1	1	
32	79/	Washer	1	1	
33	79/	Support	1	1	
		CONSISTS OF:			
34		Bushing	2	2	
35	79/	Washer	1	1	
36	79/	Gear	1	1	
37	79/	Shaft	1	1	
38	79/	Bolt	3	3	
39	79/	Nut	5	5	



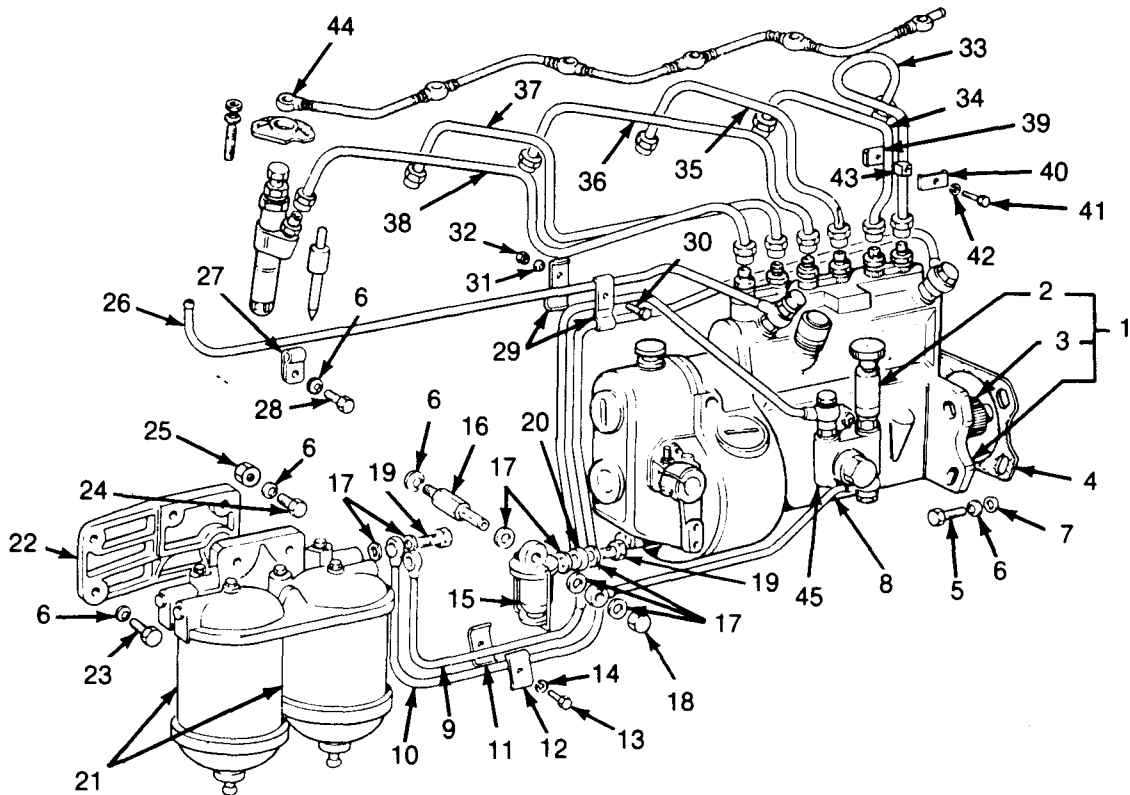
ROTARY INJECTION PUMP, LINES AND RELATED PARTS

IE-124

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		ROTARY INJECTION PUMP, LINES AND RELATED PARTS			
1	79/	Pump - Fuel Injection	1		
	79/	Pump - Fuel Injection		1	
		CONSISTS OF:			
2		Case - Maximum Stop Screw Sealing	1	1	
3	79/	Gasket	1	1	
4	79/	Stud	3	3	
5	79/	Washer	3	3	
6	79/	Lockwasher	3	3	
7	79/	Nut	3	3	
8	79/	Spacer	1	1	
9	79/	Gasket	1	1	
10	79/	Gear	1		
	79/	Gear		1	
11	79/	Flange	1	1	
12	79/	Lockwasher	1	1	
13	79/	Bolt	2	2	
14	79/	Nut	1	1	
15	79/	Lines - Injector (Set Of 3)	1		
	79/	Lines - Injector (Set Of 4)		1	
16	79/	Clamp	1		
	79/	Clamp		2	
17	79/	Pad	1		
	79/	Pad		2	
18	79/	Clamp	1		
	79/	Clamp		2	
19	79/	Bolt	1	2	
20	79/	Lockwasher	1	2	
21	79/	Line - Leak Off	1		
	79/	Line - Leak Off		1	



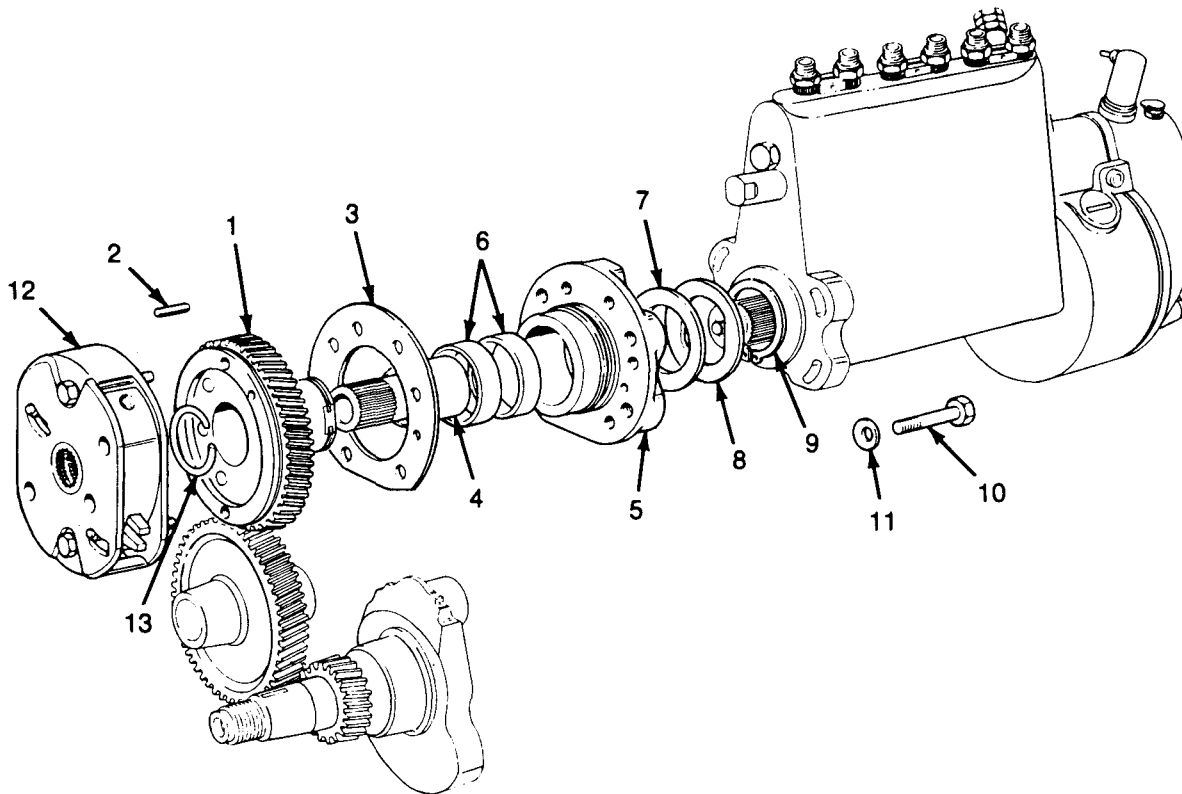
INLINE INJECTION PUMP, FUEL SYSTEM AND RELATED PARTS

IE-128

SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES

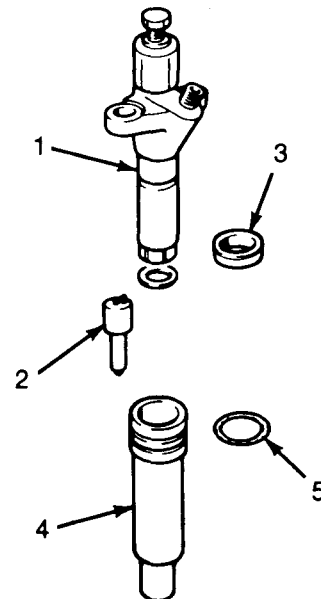
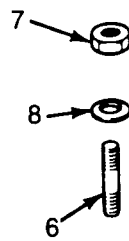
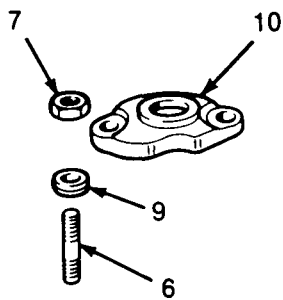


REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		IN-LINE INJECTION PUMP, FUEL SYSTEM AND RELATED PARTS			
1	79/	Pump - Fuel Injection			1
		CONSISTS OF:			
2		Pump - Fuel			1
		Governor			1
3		Sleeve - Injection Pump Drive			1
4	79/	Gasket			1
5	79/	Bolt.			4
6	79/	Lockwasher.			10
7	79/	Washer			4
8	79/	Line - Sediment Filter To Fuel Pump			1
9	79/	Line - Fuel Pump To Filter			1
10	79/	Line - Filter To Injection Pump			1
11	79/	Clamp.			1
12	79/	Clamp.			1
13	79/	Bolt.			1
14	79/	Lockwasher.			1
15	79/	Filter - Sediment			1
16	79/	Connection			1
17	79/	Washer			9
18	79/	Nut			1
19	79/	Bolt - Banjo			3
20	79/	Connector - Fuel Inlet			1
21	79/	Filter Assembly			1
22	79/	Bracket			1
23	79/	Bolt.			3
24	79/	Bolt.			2
25	79/	Nut			2
26	79/	Line - Injection Pump Return			1
27	79/	Clamp.			1
28	79/	Bolt.			1
29	79/	Clamp.			2
30	79/	Bolt.			1
31	79/	Lockwasher.			1
32	79/	Nut			1
33	79/	Line - Injector No. 1			1
34	79/	Line - Injector No. 2			1
35	79/	Line - Injector No. 3			1
36	79/	Line - Injector No. 4			1
37	79/	Line - Injector No. 5			1
38	79/	Line - Injector No. 6			1
39	79/	Clamp.			3
40	79/	Clamp.			3
41	79/	Bolt.			3
42	79/	Lockwasher.			3
43	79/	Spacer			3
44	79/	Line - Injector Leak Off			1
45	79/	Gasket - Fuel Lift Pump			1



INLINE INJECTION PUMP DRIVE AND RELATED PARTS

IE-131



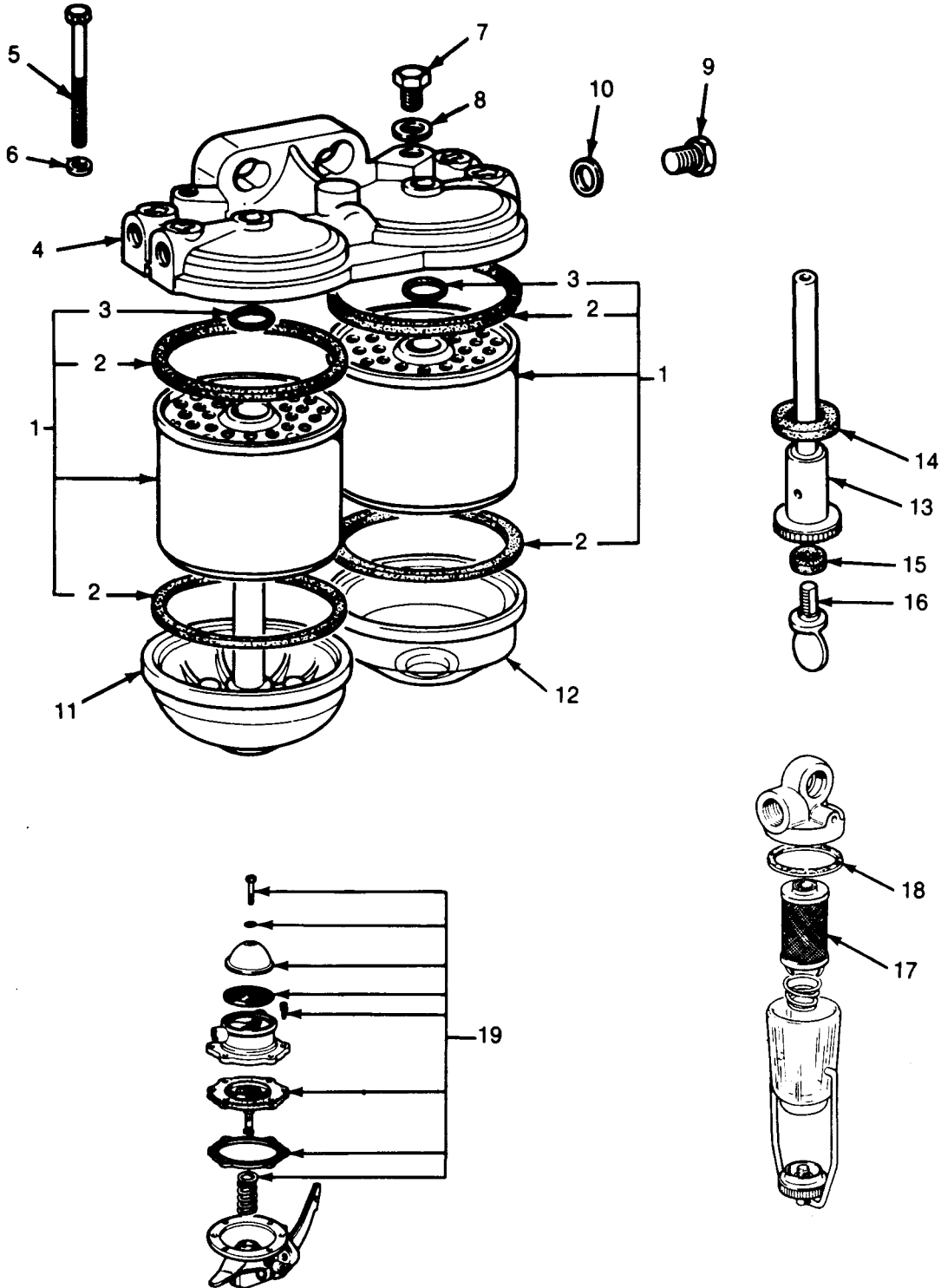
FUEL INJECTOR ASSEMBLY

IE-129

**SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES**



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		IN-LINE INJECTION PUMP DRIVE AND RELATED PARTS			
1	79/	Gear			1
2	79/	Pin			1
3	79/	Gasket			1
4	79/	Sleeve			1
5	79/	Support			1
		CONSISTS OF:			
6		Bushing			2
7	79/	Washer			1
8	79/	Washer			1
9	79/	Lockring			1
10	79/	Bolt			6
11	79/	Lockwasher			6
12	79/	Advance Variator			1
13	79/	Lockring			1
		FUEL INJECTOR ASSEMBLY			
1	79/	Injector Assembly	3	4	6
		CONSISTS OF:			
2		Nozzle Assembly	3	4	6
3	79/	Seal	3	4	6
4	79/	Sleeve	3	4	6
5	79/	O-Ring	6	8	12
6	79/	Stud	6	8	12
7	79/	Nut	6	8	12
8	79/	Lockwasher	6	8	12
9	79/	Washer	AR	AR	AR
10	79/	Bracket	AR	AR	AR



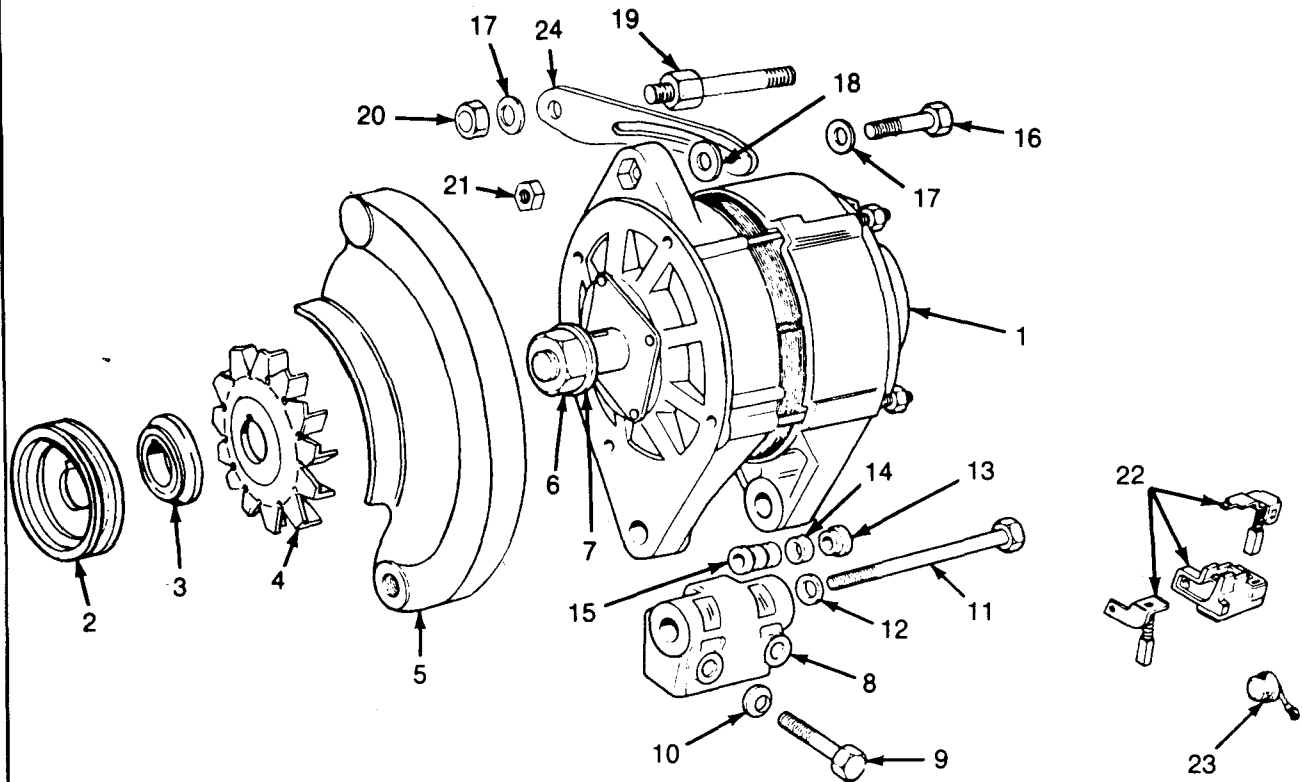
FUEL FILTERS AND FUEL LIFT PUMP

IE-127

**SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES**

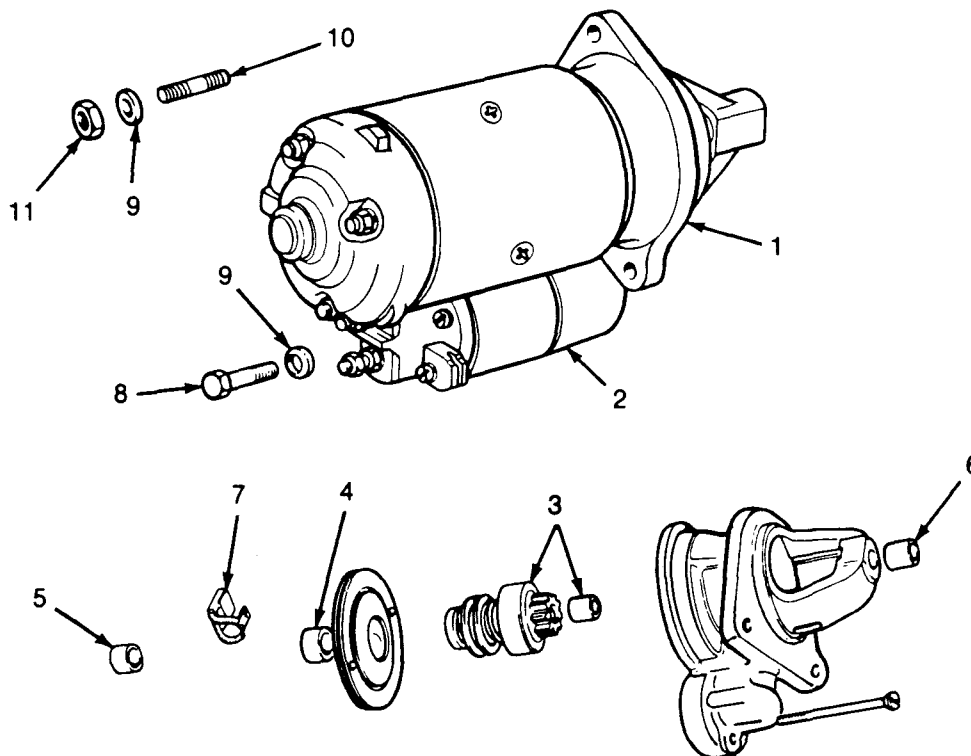


REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		FUEL FILTER AND FUEL LIFT PUMP			
1	79/	Element Kit	2	2	2
		CONSISTS OF:			
2		Gasket	4	4	4
3		Seal	2	2	2
4	79/	Cover	1		
	79/	Cover		1	
	79/	Cover			1
5	79/	Bolt	2	2	2
6	79/	Washer	2	2	2
7	79/	Plug	1	2	2
8	79/	Washer	1	2	2
9	79/	Plug	4	1	2
10	79/	Gasket	4	1	2
11	79/	Bowl	1	1	
12	79/	Bowl	1	1	2
13	79/	Stud	1	1	2
14	79/	Gasket	1	1	2
15	79/	Gasket	1	1	2
16	79/	Screw - Thumb	1	1	2
17	79/	Element - Sediment Filter			1
18	79/	Gasket			1
19	79/	Repair Kit - Fuel Lift Pump	1	1	



ALTERNATOR, BRACKETS AND RELATED PARTS

IE-132



STARTING MOTOR ASSEMBLY

IE-133

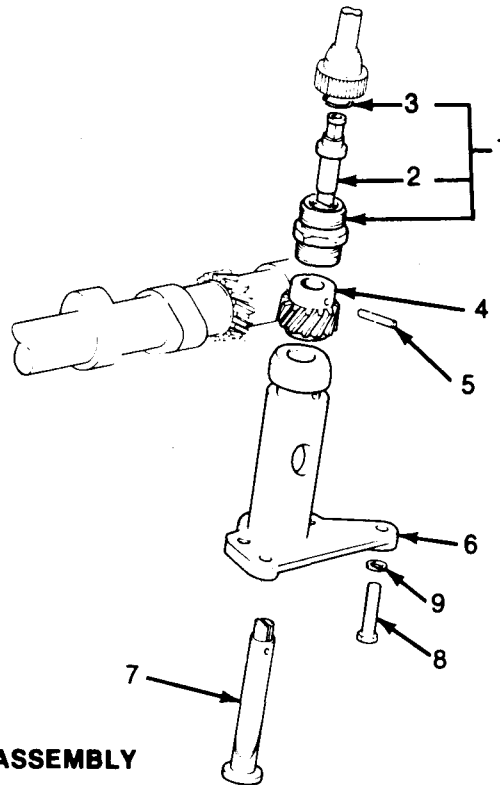
SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES



REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		ALTERNATOR, BRACKETS AND RELATED PARTS			
1	79/	Alternator Assembly (Marelli # 63305206)	1	1	1
2	79/	Pulley	1	1	
	79/	Pulley			1
3	79/	Spacer	1	1	1
4	79/	Fan - Ventilating	1	1	1
5	79/	Protection	1	1	1
6	79/	Nut	1	1	1
7	79/	Lockwasher	1	1	1
8	79/	Bracket - Support	1	1	
	79/	Bracket - Support			1
9	79/	Bolt	2	2	2
10	79/	Lockwasher	2	2	2
11	79/	Bolt	1	1	1
12	79/	Lockwasher	1	1	1
13	79/	Nut	1	1	1
14	79/	Washer	1	1	1
15	79/	Washer	1	1	1
16	79/	Bolt	1	1	1
17	79/	Lockwasher	2	2	2
18	79/	Washer	1	1	1
19	79/	Stud	1	1	1
20	79/	Nut	1	1	1
21	79/	Spacer	1	1	1
22	79/	Brush Set	1	1	1
23	79/	Diode	AR	AR	AR
24	79/	Bracket	1	1	1
		STARTING MOTOR ASSEMBLY			
1	79/	Motor Assembly - Starter	1	1	1
		CONSISTS OF:			
2		Solenoid	1	1	1
3		Drive - Pinion	1	1	1
4		Bushing - Intermediate	1	1	1
5		Bushing - Brush End	1	1	1
6		Bushing - Pinion End	1	1	1
7		Brush Set	1	1	1
8	79/	Bolt	3	3	
	79/	Bolt			3
9	79/	Lockwasher	3	3	3



**SSD-327-437-655
168 CID, 244 CID AND 335 CID
DIESEL ENGINES**



TACHOMETER DRIVE ASSEMBLY

IE-130

REF. NO.	YEAR	DESCRIPTION	QUANTITY		
			168	224	335
		TACHOMETER DRIVE ASSEMBLY			
1	79/	Drive Assembly - Tachometer	1	1	1
		CONSISTS OF:			
2		Shaft - Drive	1	1	1
3		Lockring	1	1	1
4	79/	Gear			1
5	79/	Pin			1
6	79/	Support			1
7	79/	Shaft			1
8	79/	Bolt			2
9	79/	Lockwasher			2