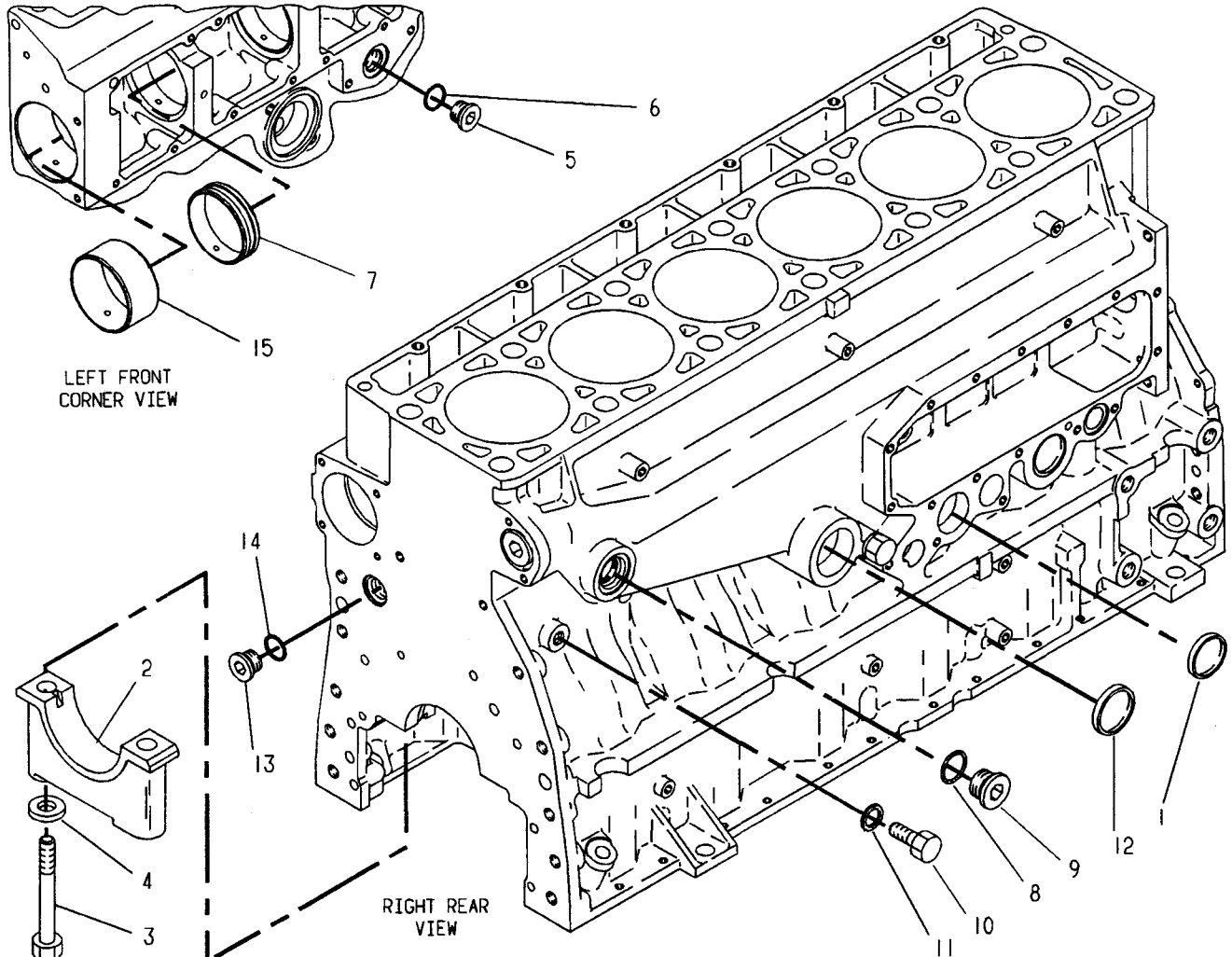


BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M B B M	1	2M6471	2	PLUG-CUP					
	2	7E2968	7	CAP-CRANKSHAFT BEARING					
	3	9X8916	14	BOLT					
	4	5P8247	14	WASHER-HARD					
	5	9S8005	1	PLUG-O-RING					
	6	3K0360	1	SEAL-O-RING					
	7	2W7213	6	BEARING-SLEEVE					
	8	3D2824	2	SEAL-O-RING					
	9	9S8008	2	PLUG-O-RING					
	10	8T0293	2	BOLT					
	11	6F7062	2	WASHER					
	12	3H5552	1	PLUG-CUP					
	13	9S8006	1	PLUG-O-RING					
	14	2M9780	1	SEAL-O-RING					
	15	2W7211	1	BEARING-SLEEVE					

B-USE AS REQUIRED
M-METRIC PART

A-565983 EP

1201

1004948 CYLINDER BLOCK GP
Part Of 2W9746 & 7E2482 Cylinder Block

BASIC ENGINE

BASIC ENGINE

1

2

3

4

5

6

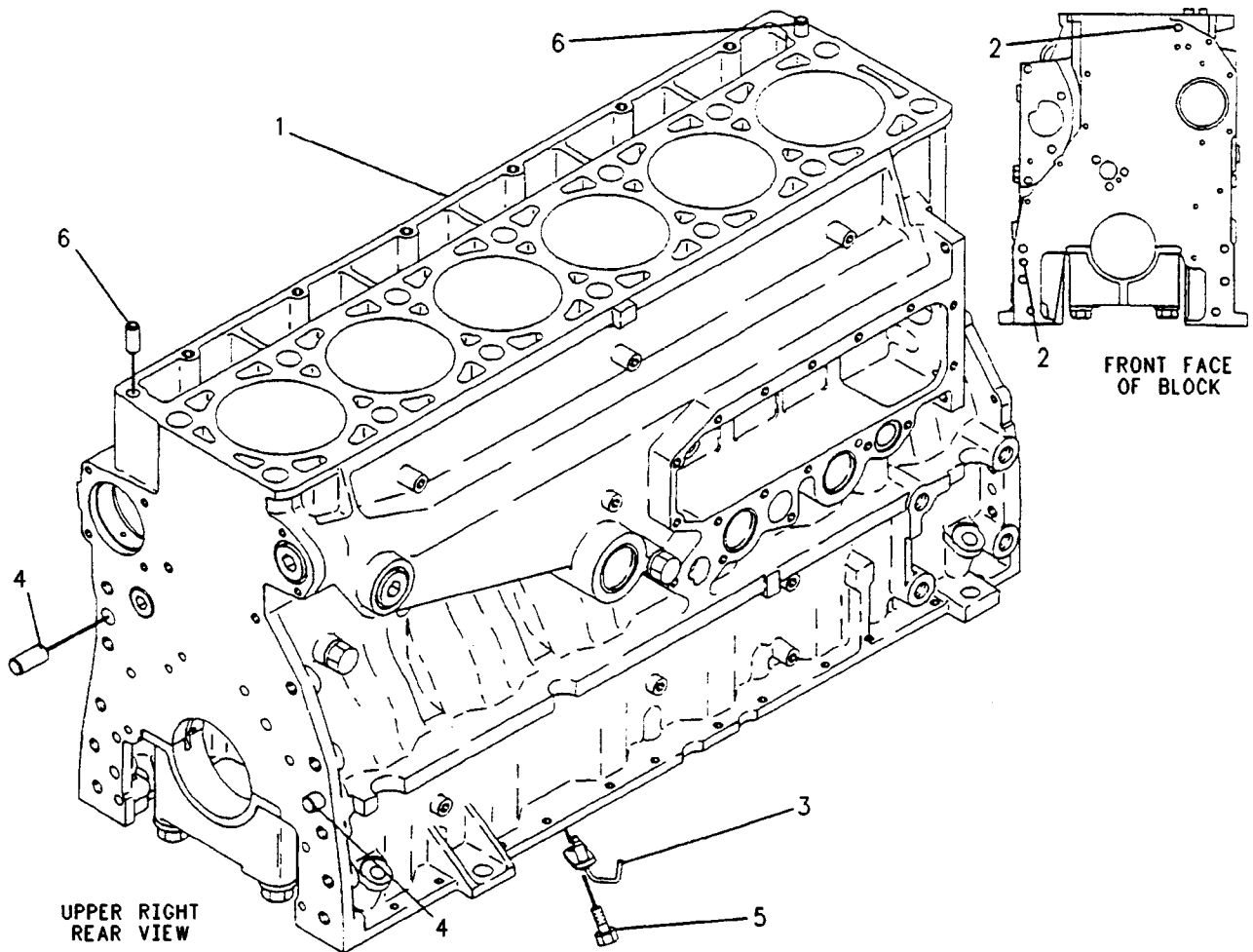
UPPER RIGHT
REAR VIEW

FRONT FACE
OF BLOCK

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

43

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
CY	1	1004948	1	CYLINDER BLOCK GP					
	2	6V3538	2	DOWEL (20MM(.78IN)LG)					
	3	4P5651	6	TUBE AS-PISTON COOLING					
	4	7N5683	2	DOWEL					
	5	6V3940	6	BOLT (M8X1.25X25MM)					
M	6	1W8407	2	SLEEVE					

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Y-SEPARATE ILLUSTRATION

R-607754 CP

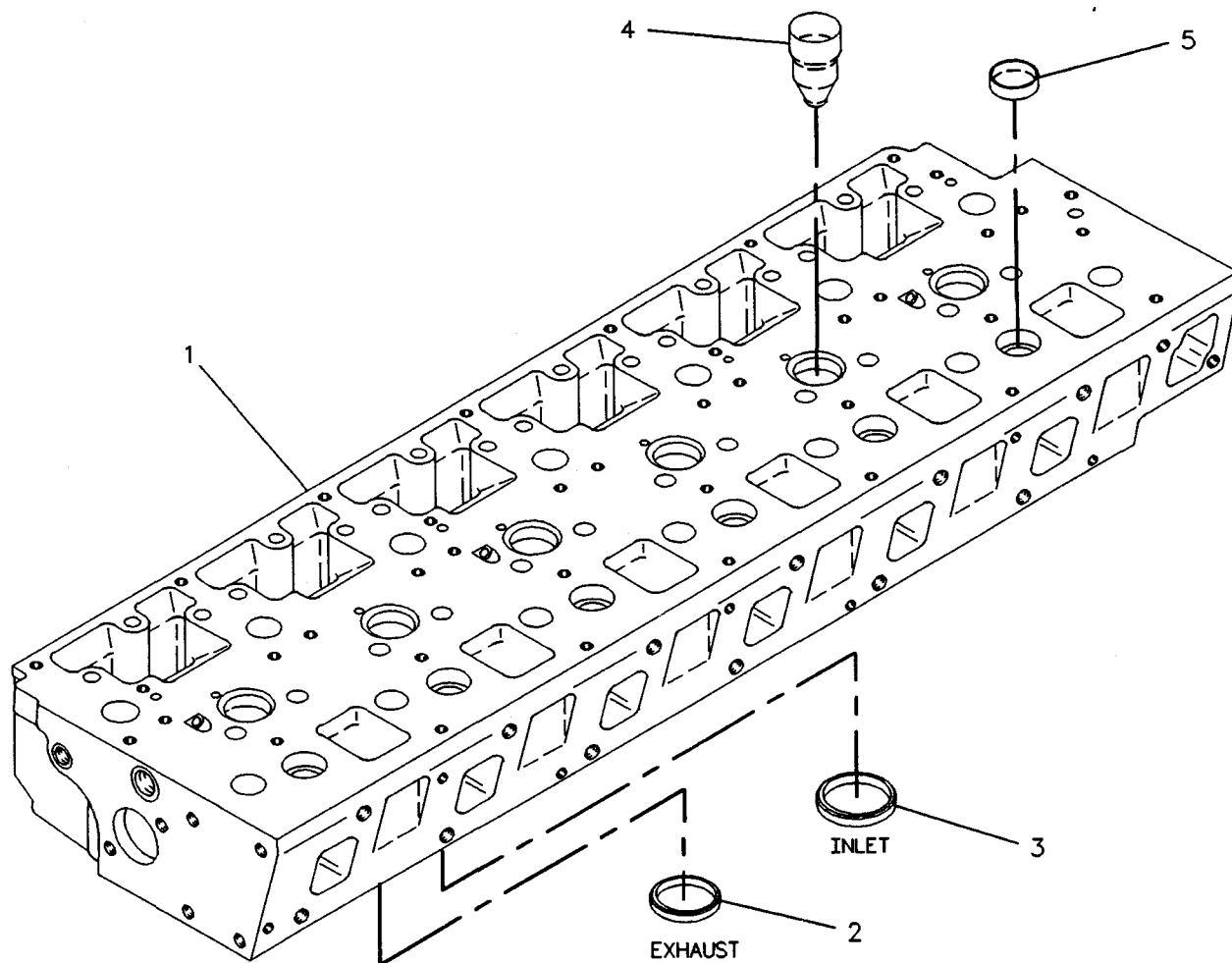
1201

7E2482 CYLINDER BLOCK GP*R

1004948-Page 42

For Use With Two-Piece Pistons

BASIC ENGINE

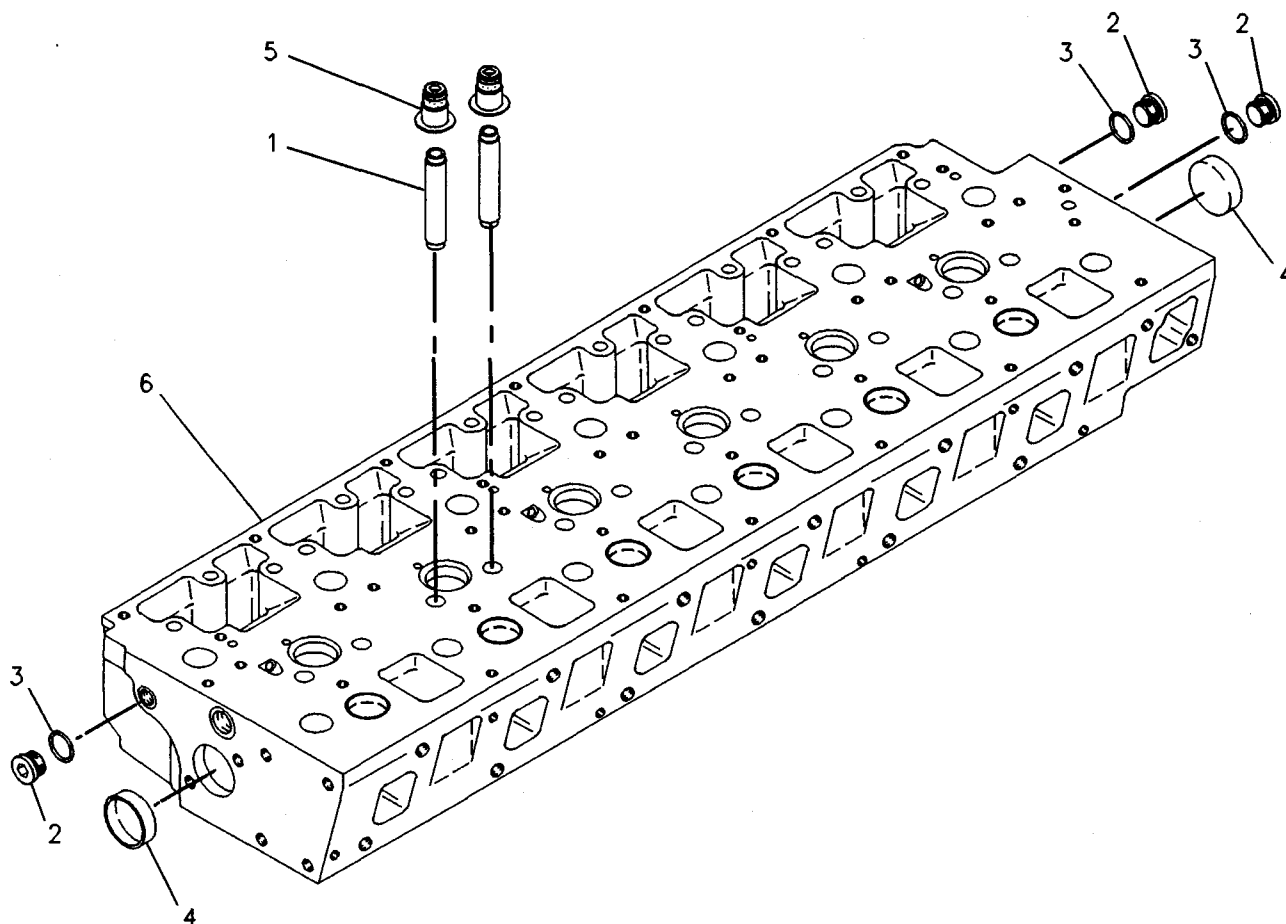


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1077610	1	CYLINDER HEAD					
	2	1W2713	6	INSERT-VALVE SEAT					
	3	4P8378	6	INSERT-VALVE					
	4	1013254	6	SLEEVE					
	5	8M5860	6	PLUG-CUP					

F-574070 EP

1077609 CYLINDER HEAD AS
 Part Of 4P8263 & 1077720 Cylinder Head
 Field Replacement Order 1077720-Page 46

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y8848	12	GUIDE-VALVE					
	2	9S8003	3	PLUG-O-RING					
	3	1J9671	3	SEAL-O-RING					
	4	2M6471	2	PLUG-CUP					
	5	4P7750	12	SEAL-VALVE STEM					
Y	6	1077609	1	CYLINDER HEAD AS					

Y-SEPARATE ILLUSTRATION

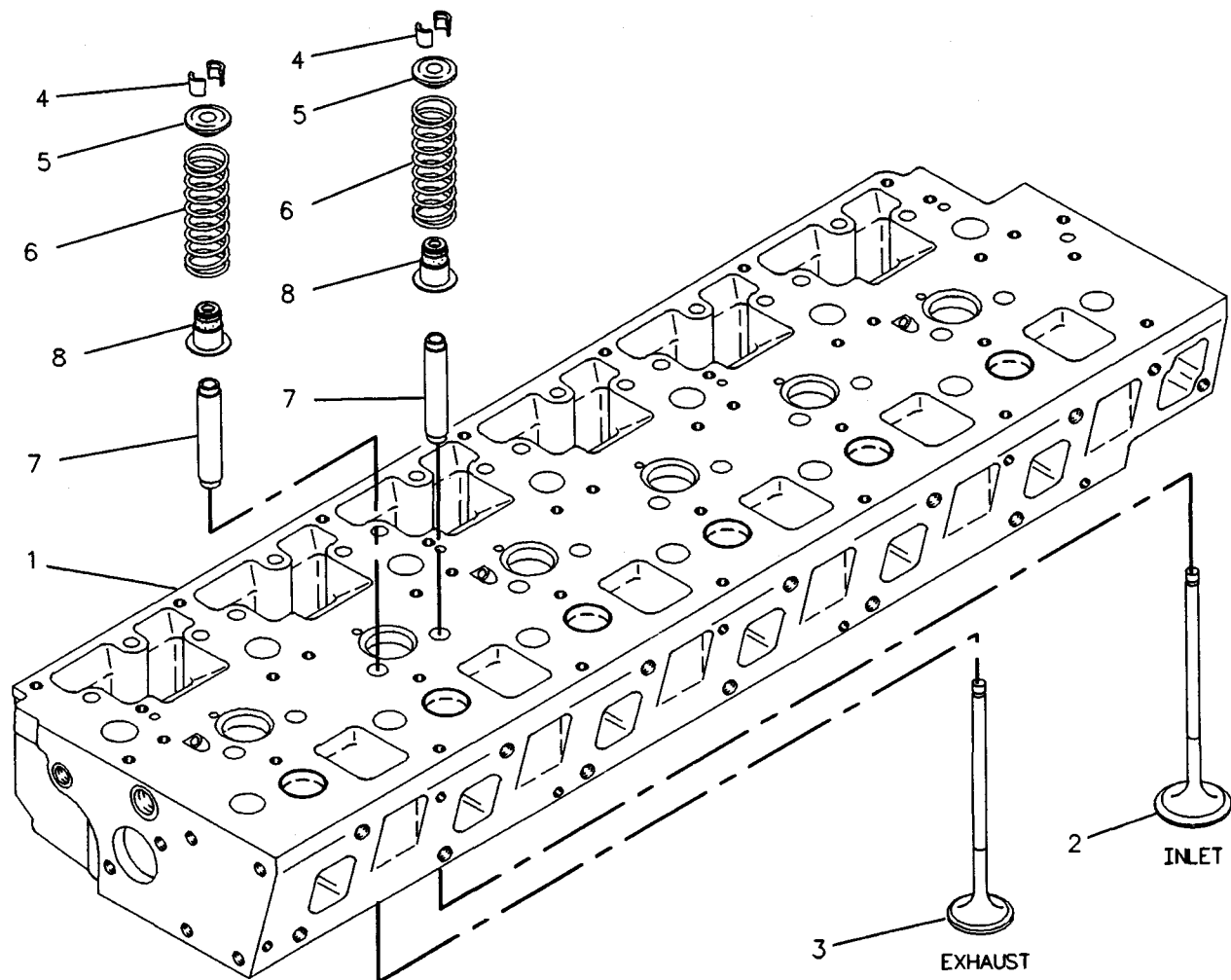
F-574071 EP

1077720 CYLINDER HEAD AS*R

1077609-Page 45

Field Replacement For 1077609-Page 45

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	1077609	1	CYLINDER HEAD AS					
	2	1136180	6	VALVE-INLET					
	3	1051779	6	VALVE-EXHAUST					
	4	1W2715	24	LOCK-RETAINER					
	5	7E7779	12	RETAINER-SPRING					
	6	7C4273	12	SPRING-VALVE					
	7	9Y8848	12	GUIDE-VALVE					
	8	1193036	12	SEAL-VALVE STEM					

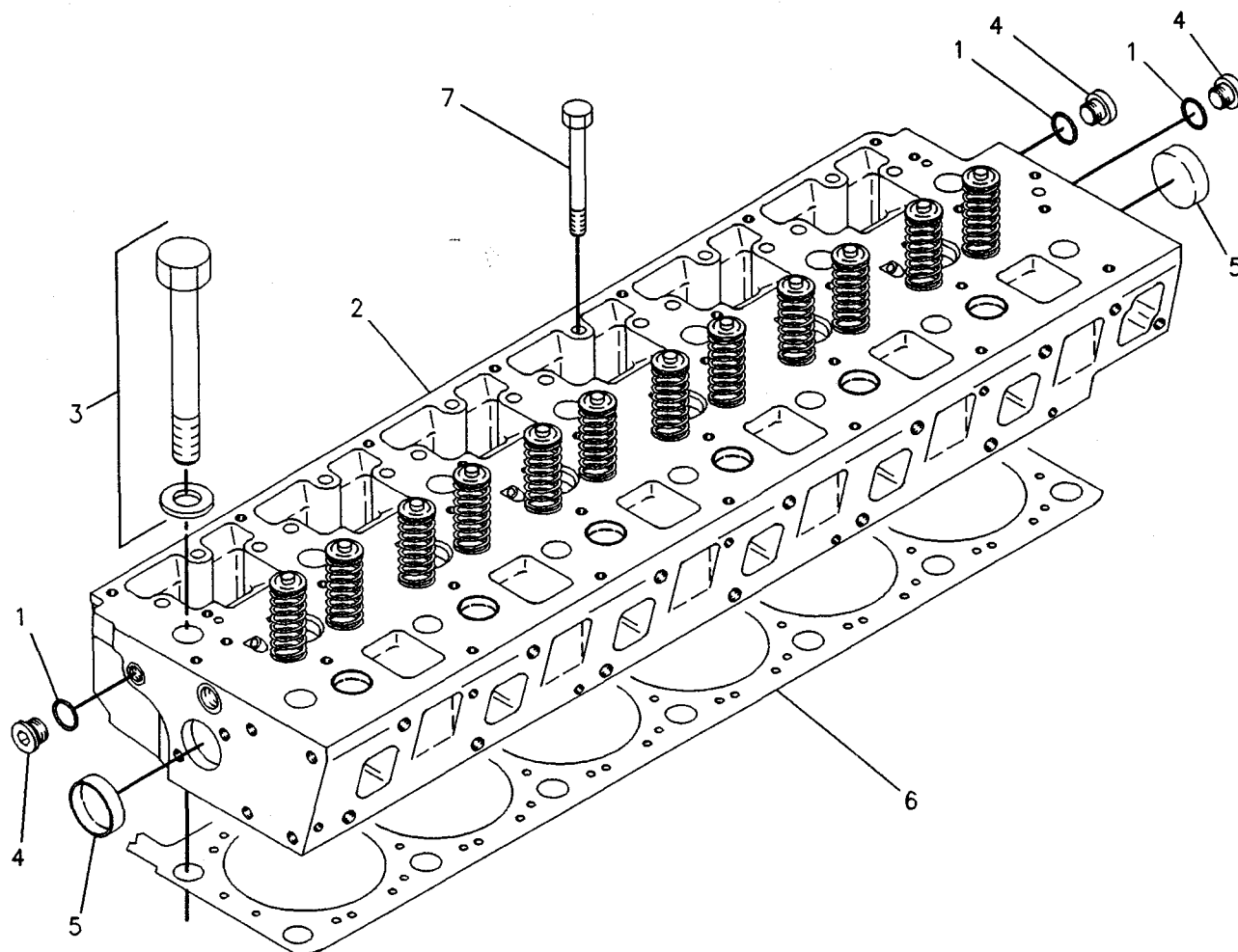
Y-SEPARATE ILLUSTRATION

F-604564 CP

1100

4P8263 CYLINDER HEAD GP*R
1077609-Page 45
Part Of 4P8264 Cylinder Head

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
RY	1	1J9671	3	SEAL-O-RING (10.52MM ID)					
	2	4P8263	1	CYLINDER HEAD GP					
	3	8T3282	14	WASHER-HARD					
		1274836	14	BOLT-HEX HEAD					
	4	9S8003	3	PLUG-O-RING					
	5	2M6471	2	PLUG-CUP					
	6	4P6930	1	GASKET-CYLINDER HEAD (1.60MM THK)					
AB		4P2590	1	GASKET-CYLINDER HEAD (1.85MM THK)					
M	7	8T5030	6	BOLT (M10X1.50X120MM)					

A-NOT PART OF THIS GROUP
B-USE AS REQUIRED
M-METRIC PART

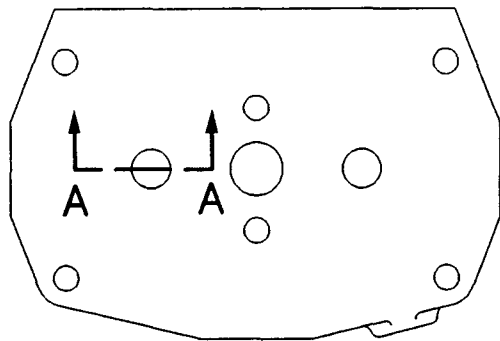
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

F-609211 CP

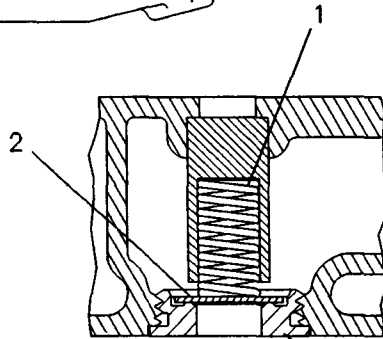
1100

4P8264 CYLINDER HEAD GP
4P8263-Page 47

BASIC ENGINE



TOP VIEW



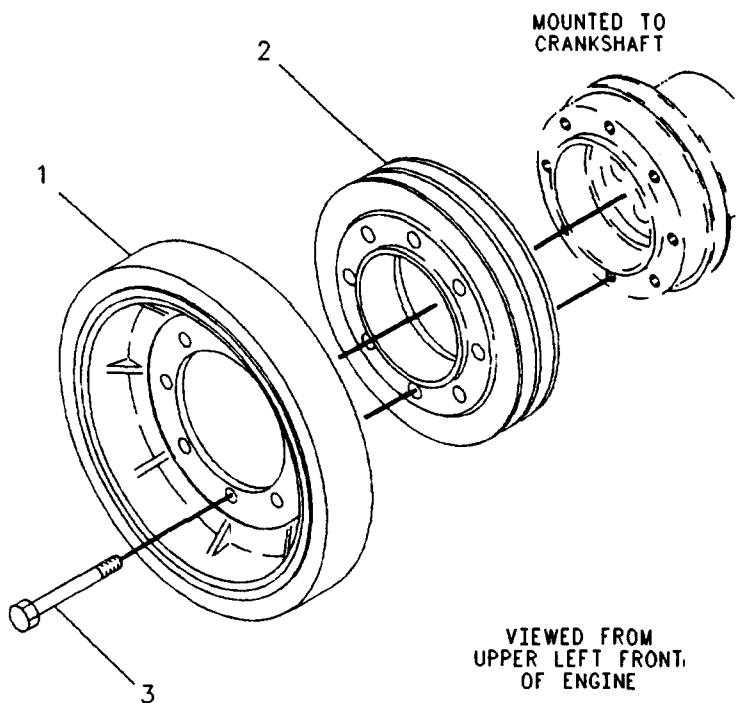
SECTION A-A

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3F4987	2	SPRING-VALVE
	2	3H5181	2	VALVE-DISCHARGE
	3	9M0394	2	SEAT-VALVE

F-526452 EP

1100

6I2121 CYLINDER HEAD GP
Part Of 9Y9943 Air Compressor
An Attachment



MOUNTED TO
CRANKSHAFT

VIEWED FROM
UPPER LEFT FRONT
OF ENGINE

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C1631	1	DAMPER AS
	2	1166838	1	PULLEY
M	3	6V7981	8	BOLT (M10X1.50X70MM)

M-METRIC PART

R-607488 CP

1205

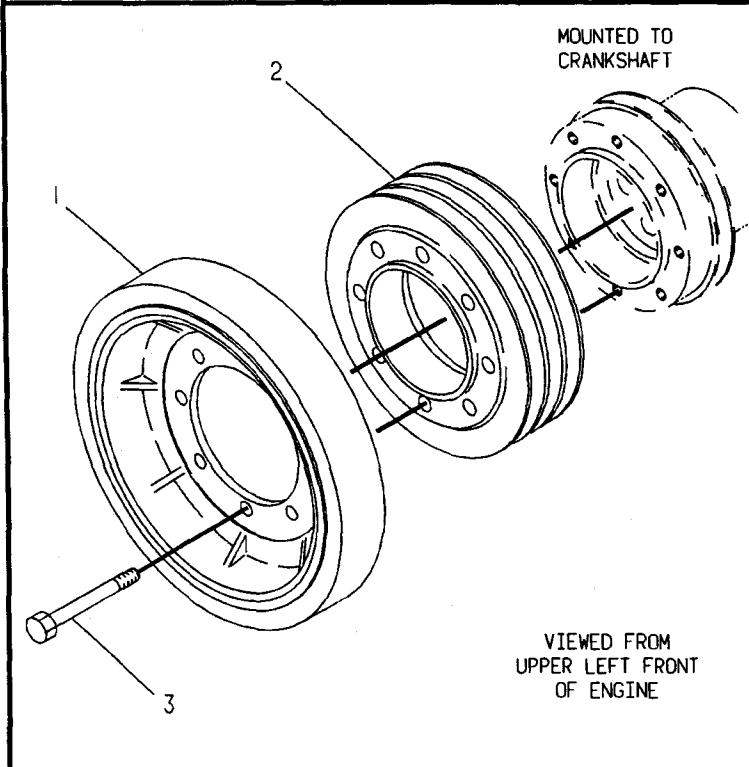
1166839 DAMPER & PULLEY GP

Drive Ratio Of 0.68:1

190 MM Pulley Diameter 2 Grooves And 250 MM Damper Diameter

An Attachment

BASIC ENGINE

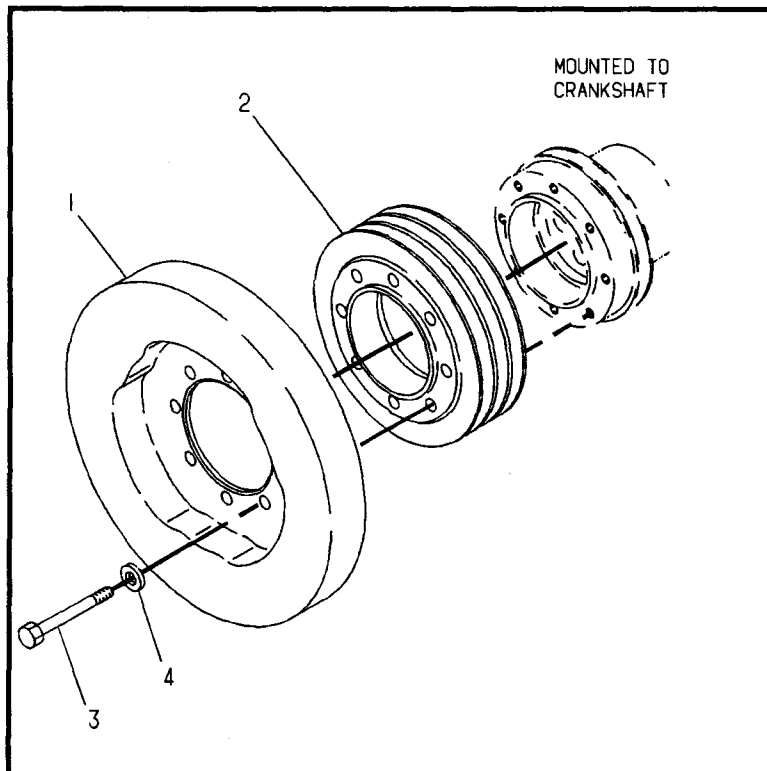


NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C1631	1	DAMPER AS
	2	1077750	1	PULLEY
	3	6V5230	8	BOLT
M-METRIC PART				

A-580170 EP

1205

7C2428 DAMPER & PULLEY GP



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C8444	1	DAMPER AS
	2	1077750	1	PULLEY
	3	6V5230	8	BOLT (M10X1.50X60MM)
	4	6V5839	8	WASHER (2.5MM THK)
M-METRIC PART				

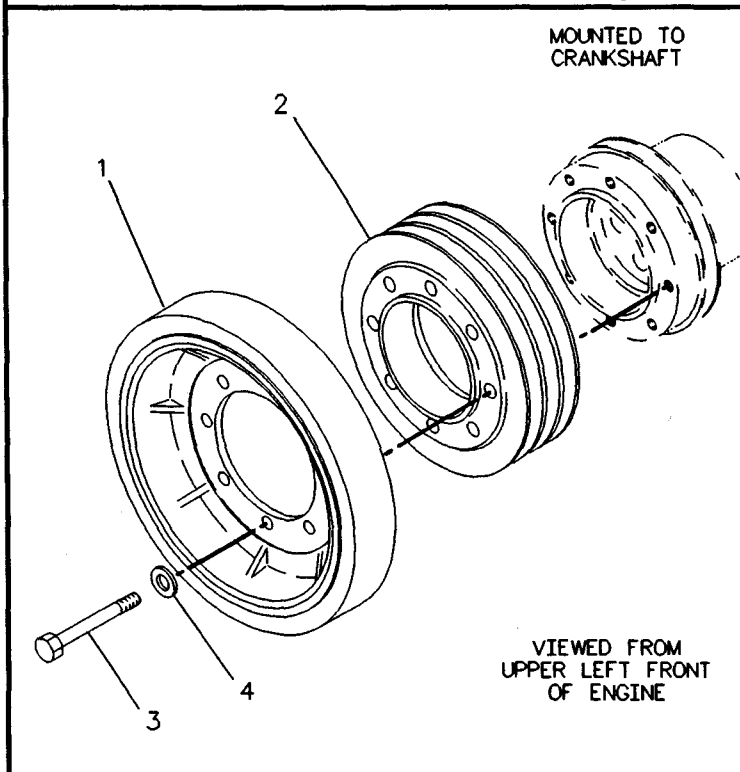
A-607365 CP

1205

7C8445 DAMPER & PULLEY GP

190 MM Pulley Diameter 3 Grooves And 304.8 Damper Diameter
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C1631	1	DAMPER AS
	2	7C5674	1	PULLEY-CRANKSHAFT
	3	6V5230	8	BOLT
	4	6V5839	8	WASHER

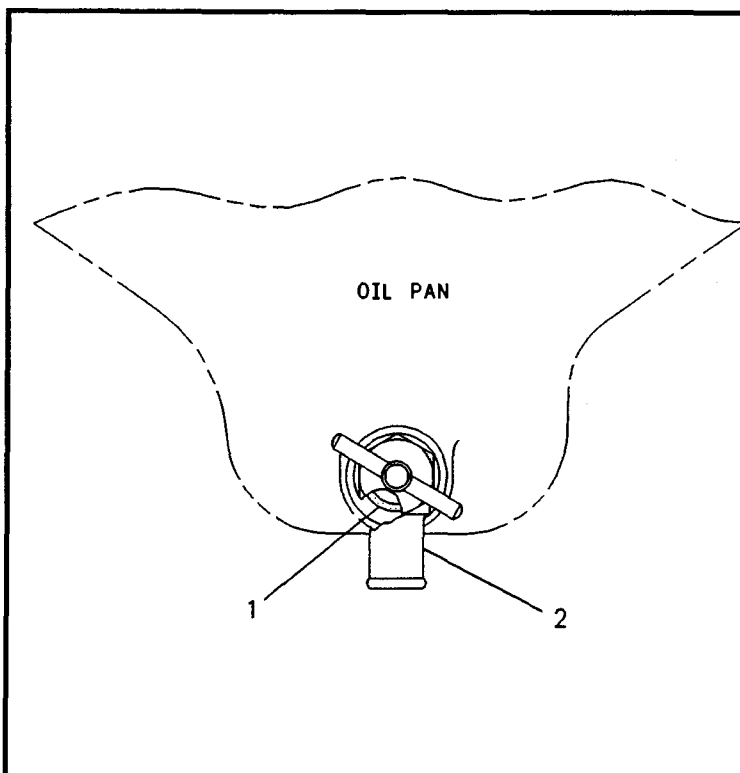
M-METRIC PART

F-500335 EP

1205

7E9261 DAMPER & PULLEY GP

264 MM (10.4 In) Od Pulley 3 Grooves And 250 MM Damper Diameter
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3K0360	1	SEAL-O-RING (16.36MM ID)
	2	6V7238	1	VALVE-SHUTOFF

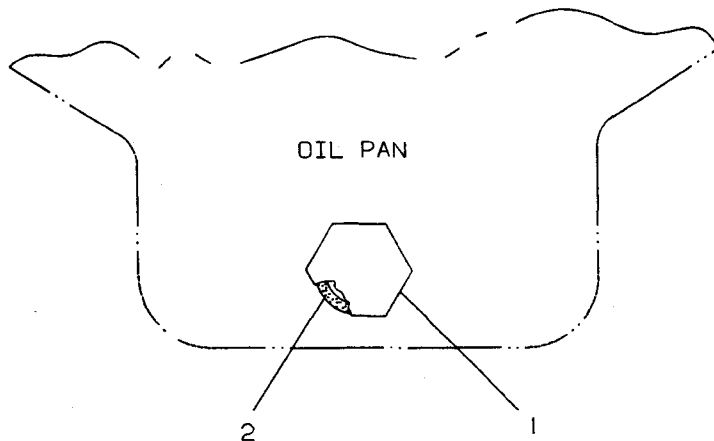
F-594393 EP

1302

7C4532 DRAIN GP-OIL PAN

For Use With Oil Pan & Drain Line
Provides A Drain Valve For Oil Pan Drain
An Attachment

BASIC ENGINE



OIL PAN

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1183619	1	PLUG-O-RING
	2	3K0360	1	SEAL-O-RING

C-595808 EP

1302

7C4566 DRAIN GP-OIL PAN
An Attachment

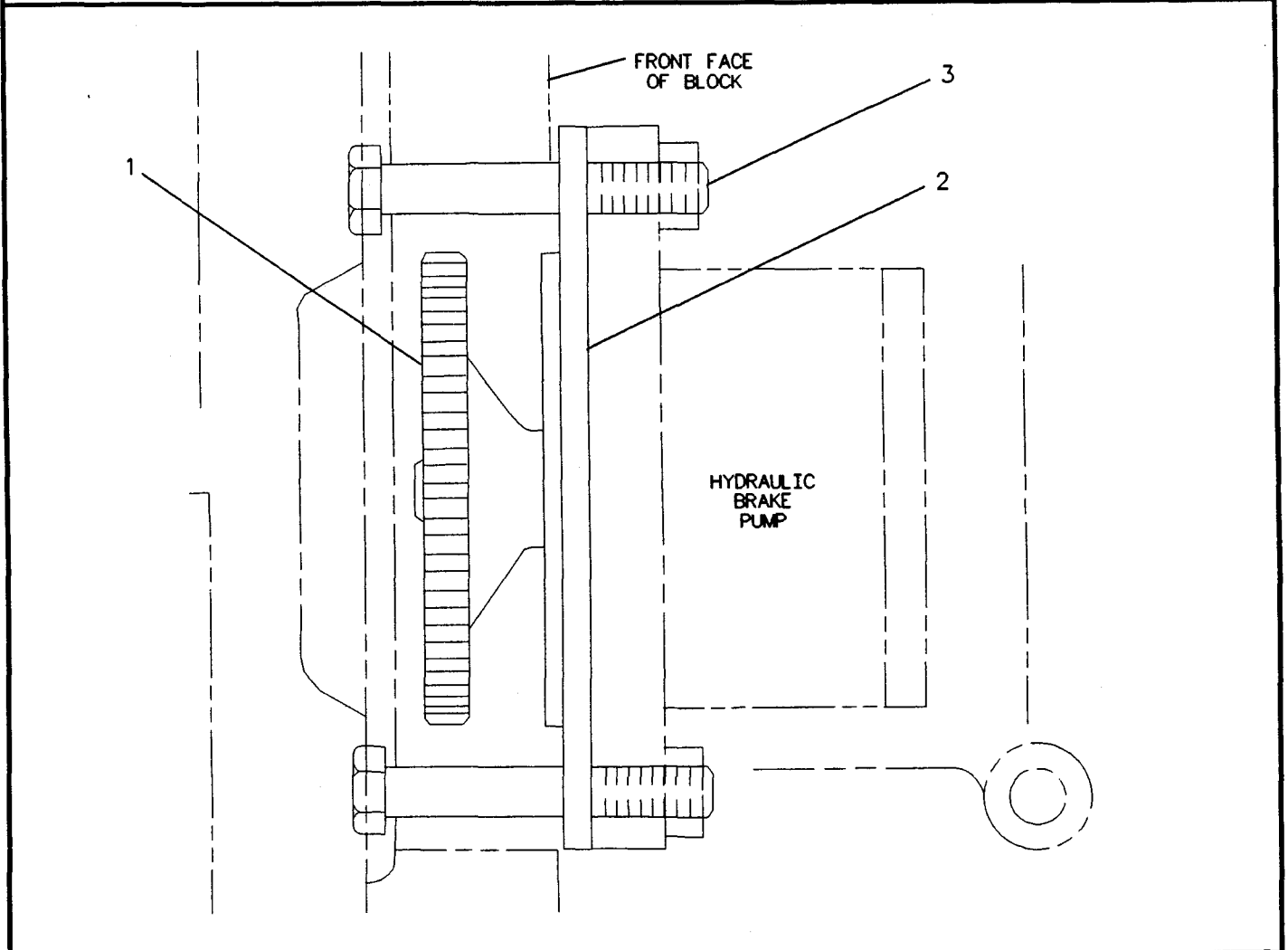
- 1 9X2230 PLUG-MAGNETIC DRAIN
- 1 8L2786 SEAL-O-RING

473928 P

1302

7E2313 DRAIN GP-OIL PAN

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C1782	1	GEAR-HYDRAULIC PUMP DRIVE (50 TEETH)					
	2	7C1289	1	ADAPTER					
	3	6V5696	2	BOLT					

M-METRIC PART	F-473561 EP
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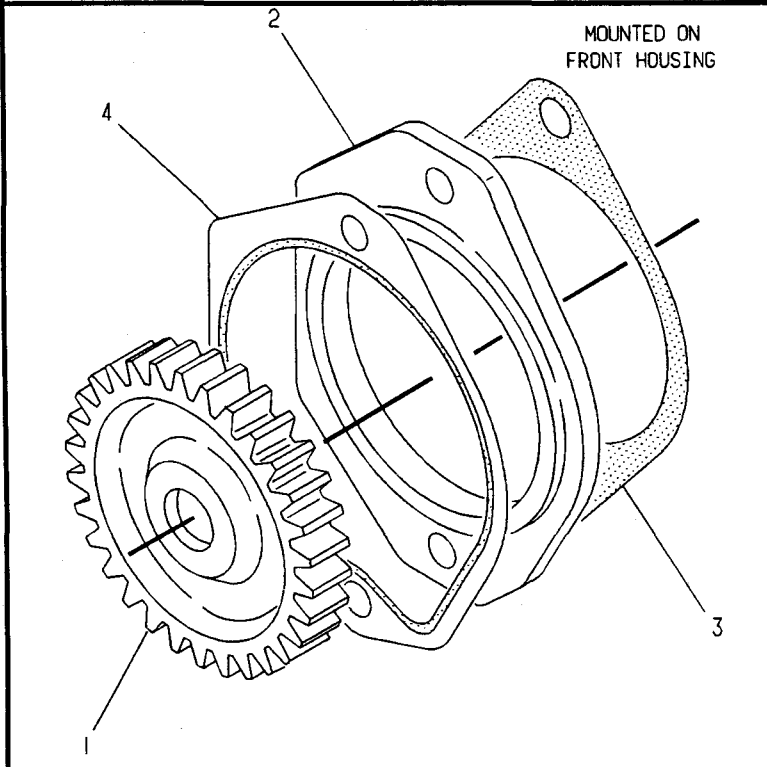
F-473561 EP

1207

7C1682 DRIVE GP-ACCESSORY
For Use With Hydraulic Pump With 1.5 Tapered Shaft
Not For Use With An Air Compressor
An Attachment

7C1682 DRIVE GP-ACCESSORY
For Use With Hydraulic Pump With 1.5 Tapered Shaft
Not For Use With An Air Compressor
An Attachment

BASIC ENGINE



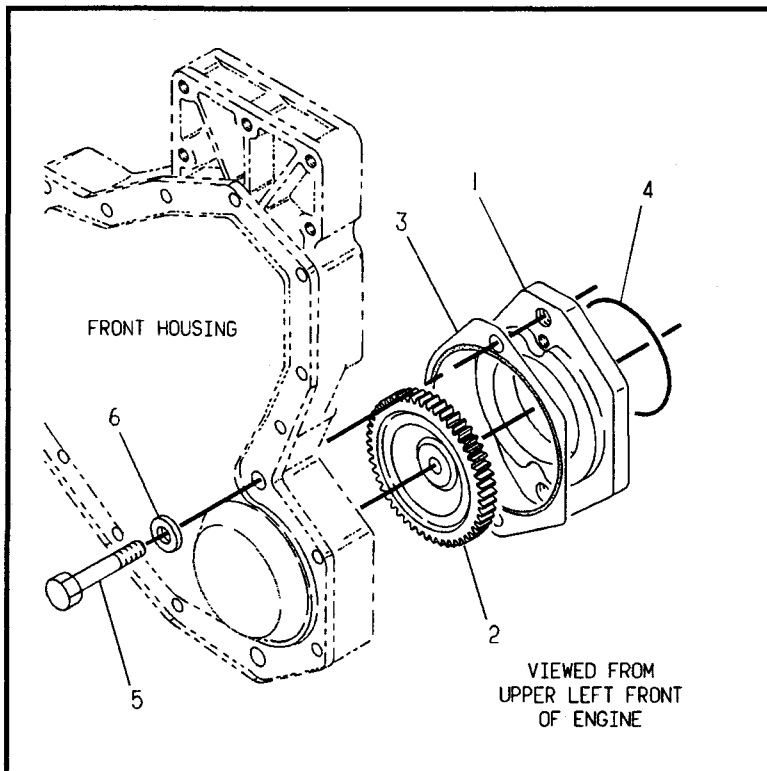
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7E1318	1	GEAR (50 TEETH)
	2	7C1289	1	ADAPTER
	3	9H8872	1	GASKET
	4	9Y4634	1	GASKET-POWER TAKE-OFF

A-474907 EP

1207

7E1317 DRIVE GP-ACCESSORY

For Use With SAE B Hydraulic Pump With Straight Shaft
Rotation Ccw Viewed From Drive End Of Pump
Not For Use With An Air Compressor, An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y3828	1	ADAPTER
	2	7E8691	1	GEAR-HYDRAULIC PUMP DRIVE (50 TEETH)
	3	9Y4634	1	GASKET-POWER TAKE-OFF
	4	1P8362	1	SEAL-O-RING
	5	6V3823	2	BOLT
	6	5P8245	2	WASHER

M-METRIC PART

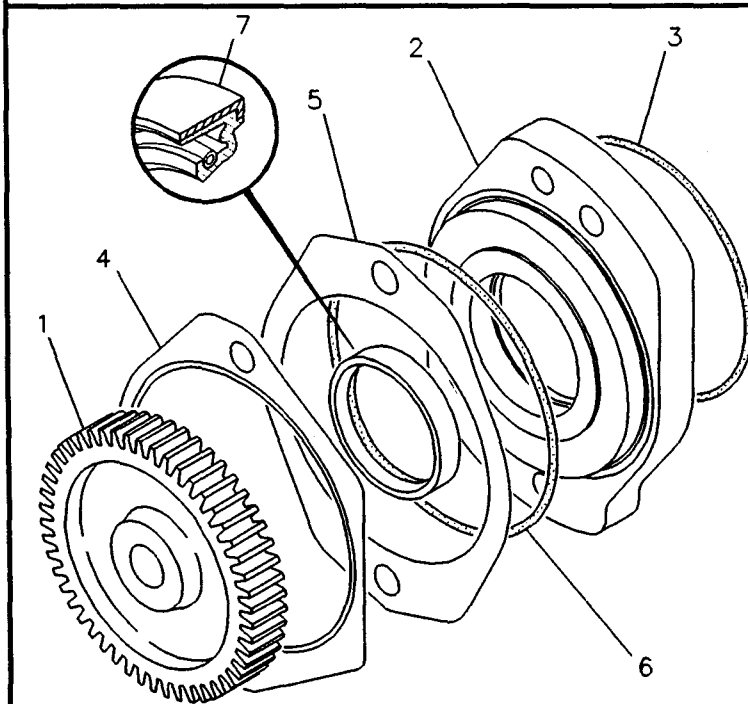
A-480595 EP

1207

7E8692 DRIVE GP-ACCESSORY

For Use With SAE A Hydraulic Pump
An Attachment

BASIC ENGINE



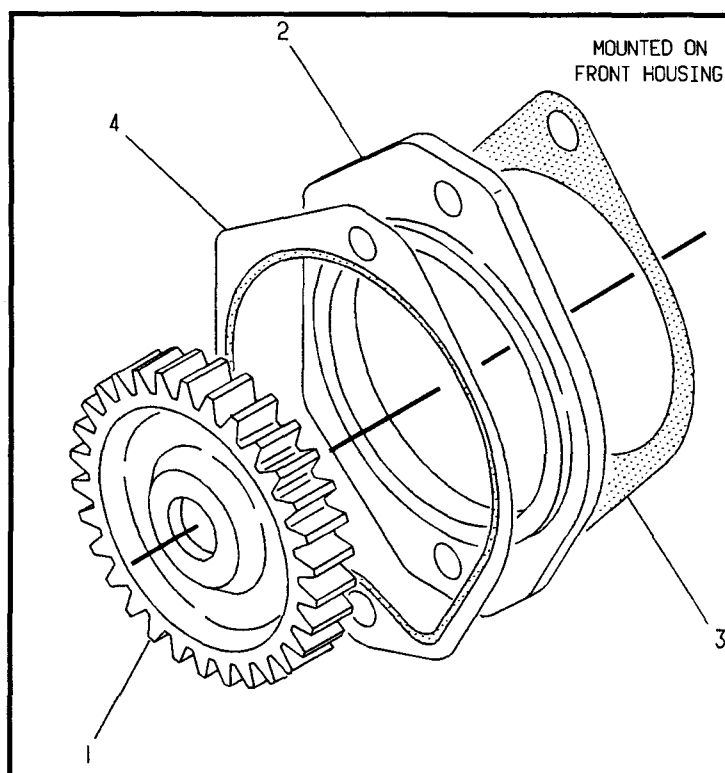
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7E8946	1	GEAR (50 TEETH)
	2	7E8947	1	ADAPTER-PUMP
	3	3K0715	1	SEAL-O-RING
	4	9Y4634	1	GASKET-POWER TAKE-OFF
	5	4P3855	1	SHIM
	6	8C5237	1	SEAL-O-RING
	7	3G1797	1	SEAL-LIP

F-518150 EP

1207

7E8945 DRIVE GP-ACCESSORY

Not For Use With An Air Compressor
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y0607	1	GEAR (50 TEETH)
	2	7C1289	1	ADAPTER
	3	9H8872	1	GASKET
C	4	9Y4634	1	GASKET-POWER TAKE-OFF

C-CHANGE FROM PREVIOUS TYPE

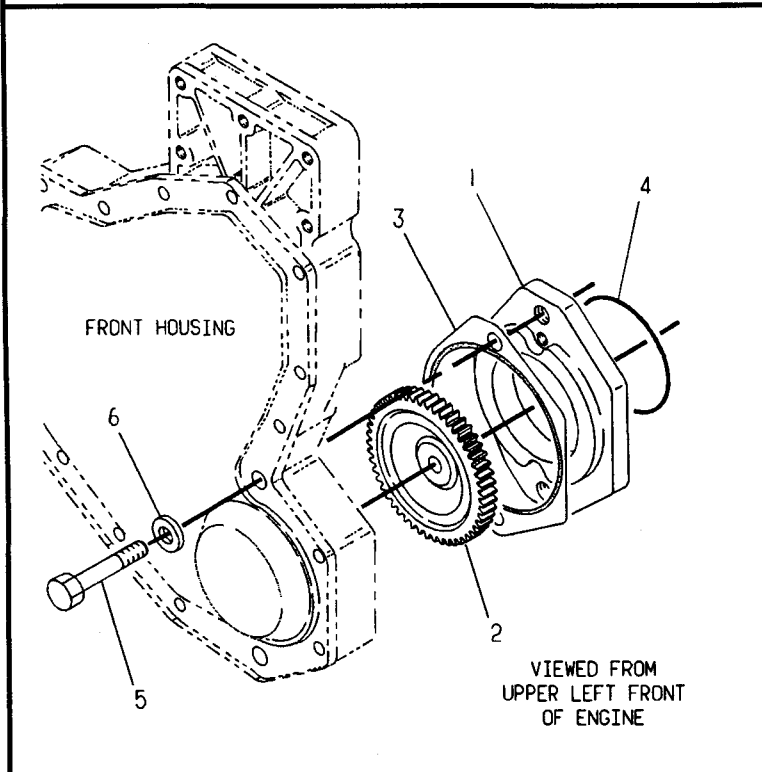
A-460552 EP

1207

9Y0608 DRIVE GP-ACCESSORY

60 Hp At 2200 RPM & Above. 55 Max Hp At 2000 RPM
For Use With SAE B Hydraulic Pump With Tapered Shaft
Rotation Ccw Viewed From Drive End Of Pump, An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y3828	1	ADAPTER
	2	9Y3829	1	GEAR-HYDRAULIC PUMP DRIVE (50 TEETH)
	3	9Y4634	1	GASKET-POWER TAKE-OFF
	4	1P8362	1	SEAL-O-RING
	5	6V3823	2	BOLT
	6	5P8245	2	WASHER

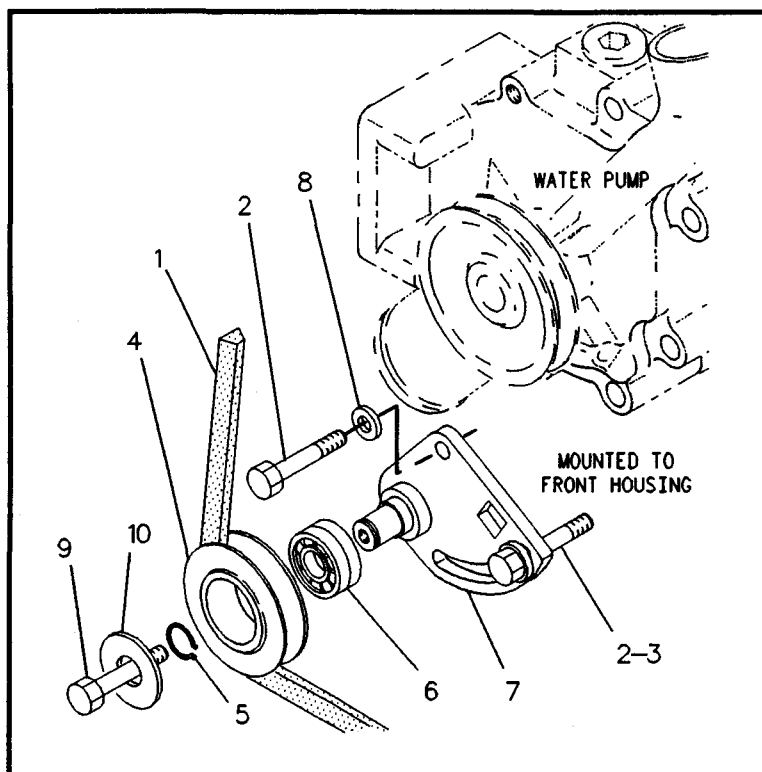
M-METRIC PART

A-455438 EP

1207

9Y3827 DRIVE GP-ACCESSORY

Maximum Input 30 Hp At 2000 RPM & Above
For Use With SAE A Hydraulic Pump With Tapered Shaft
Rotation Ccw From Drive End Of Pump, An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	366775	1	V-BELT
	2	6V2317	2	BOLT (M8X1.25X30MM)
	3	3E4352	1	WASHER-HARD
	4	1154238	1	PULLEY AS-IDLER
	5	2L8509	1	LOCKRING
	6	1177114	1	BALL BEARING AS
	7	1006267	1	PLATE AS-IDLER
M	8	9M1974	1	WASHER-HARD (2MM THK)
	9	6V5215	1	BOLT (M8X1.25X16MM)
	10	4F3714	1	WASHER

M-METRIC PART

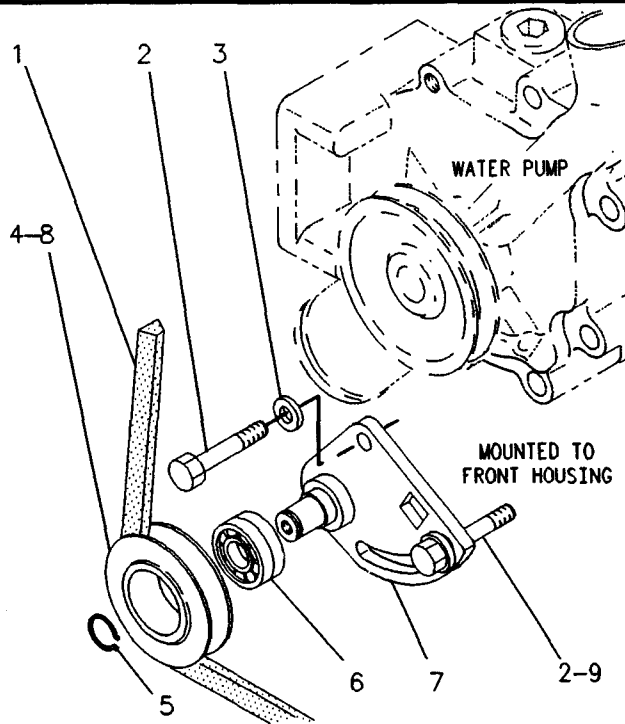
F-587174 EP

1358

4W5428 DRIVE GP-WATER PUMP

An Attachment

BASIC ENGINE



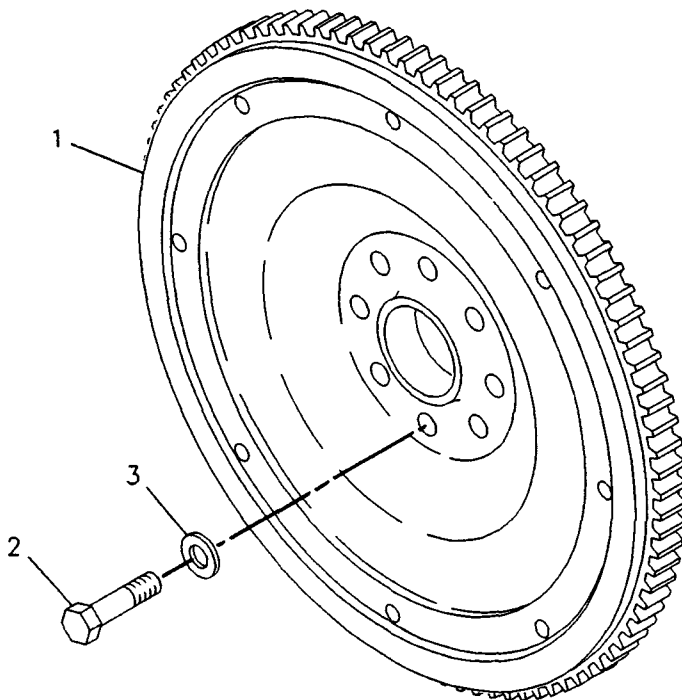
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E0744	1	V-BELT
	2	6V2317	2	BOLT (M8X1.25X30MM)
	3	9M1974	1	WASHER-HARD (2MM THK)
	4	1154238	1	PULLEY AS-IDLER
	5	2L8509	1	LOCKRING
	6	8E0451	1	BEARING
	7	1006267	1	PLATE AS-IDLER
	8	1006299	1	PULLEY-IDLER
	9	3E4352	1	WASHER-HARD

M-METRIC PART

F-585110 EP

1358

7C6998 DRIVE GP-WATER PUMP
Belt



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1136264	1	FLYWHEEL AS
		1W1064	1	GEAR-FLYWHEEL RING (126 TEETH)
	2	7X3344	8	BOLT
	3	5P8245	8	WASHER (3MM THK)

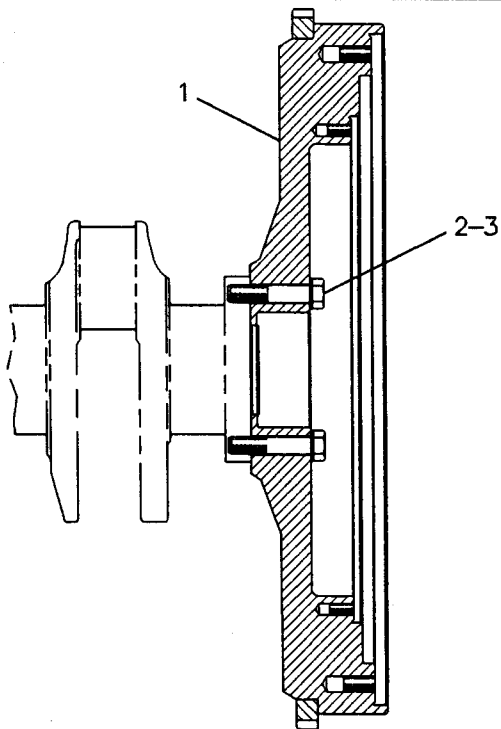
M-METRIC PART

F-607246 CP

1156

1136265 FLYWHEEL GP
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E2398	1	FLYWHEEL AS
		6I2997	1	GEAR (156 TEETH)
	2	7X3343	8	BOLT-LOCKING
	3	5P7213	8	WASHER-HARD

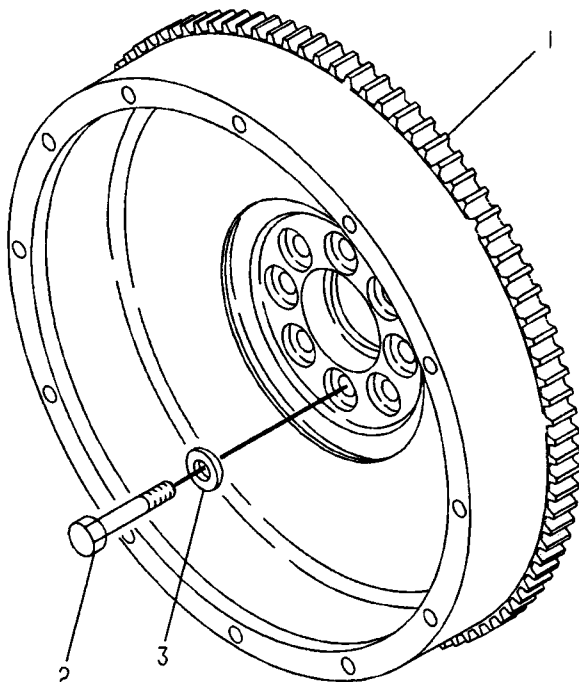
M-METRIC PART

F-535874 EP

1156

7E2397 FLYWHEEL GP

For Use With SAE No. 1 Flywheel Housing
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y0288	1	FLYWHEEL AS
		9Y0287	1	GEAR (134 TEETH)
	2	6V8197	8	BOLT
	3	5P8245	8	WASHER

M-METRIC PART

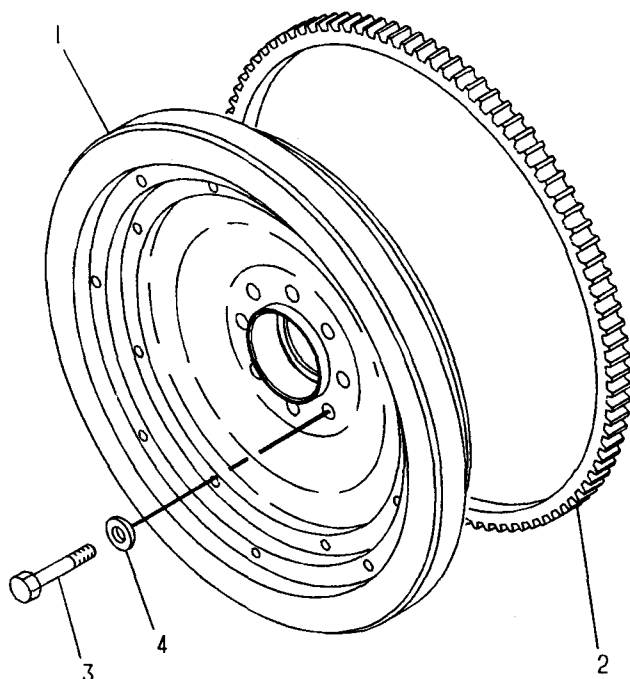
A-454581 EP

1156

9Y0292 FLYWHEEL GP

For Use With SAE No. 2 Flywheel Housing, 14 Inch 2 Plate
Spicer Or Lipe M1-Pt Deep Pot-Type Clutches
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y0573	1	FLYWHEEL AS
	2	9L8113	1	GEAR-FLYWHEEL RING (134 TEETH)
	3	6V8197	8	BOLT
	4	5P8245	8	WASHER

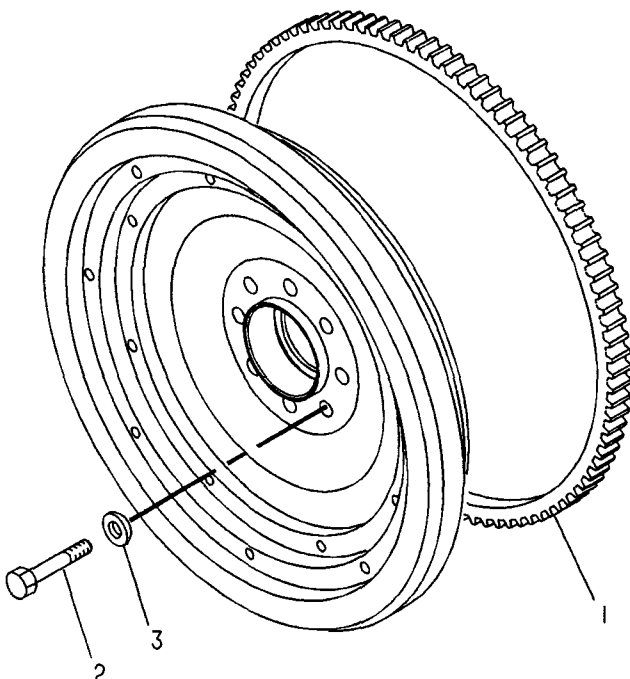
M-METRIC PART

A-526900 EP

1156

9Y0574 FLYWHEEL GP

For Use With SAE No. 2 Flywheel Housing
For Use With 10 & 11.5 Inch Over-Center Clutches
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y2754	1	FLYWHEEL AS
	2	2N1599	1	GEAR (126 TEETH)
	3	6V8197	8	BOLT
	4	5P8245	8	WASHER

M-METRIC PART

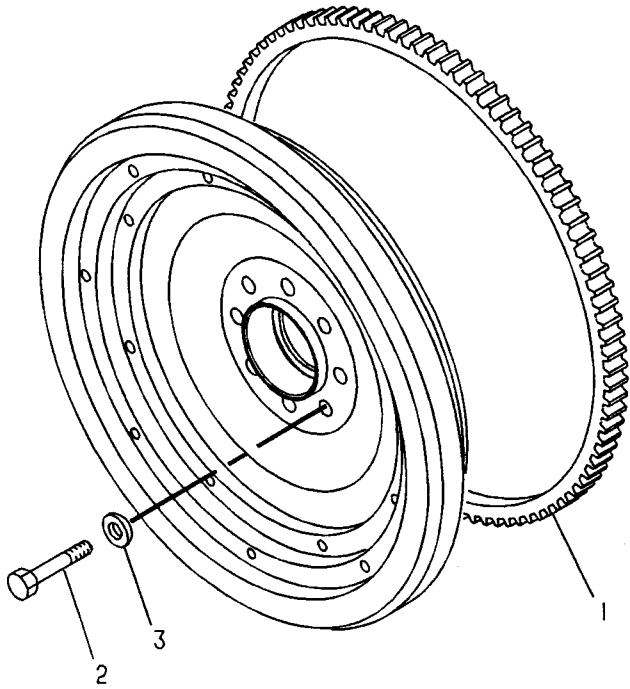
R-519980 EP

1156

9Y2755 FLYWHEEL GP

For Use With SAE No. 3 Flywheel Housing &
10 Or 11.5 Inch Over Center Clutch
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y6278	1	FLYWHEEL AS
		6I2997	1	GEAR (156 TEETH)
	2	7X3343	8	BOLT-LOCKING
	3	5P7213	8	WASHER-HARD (2MM THK)

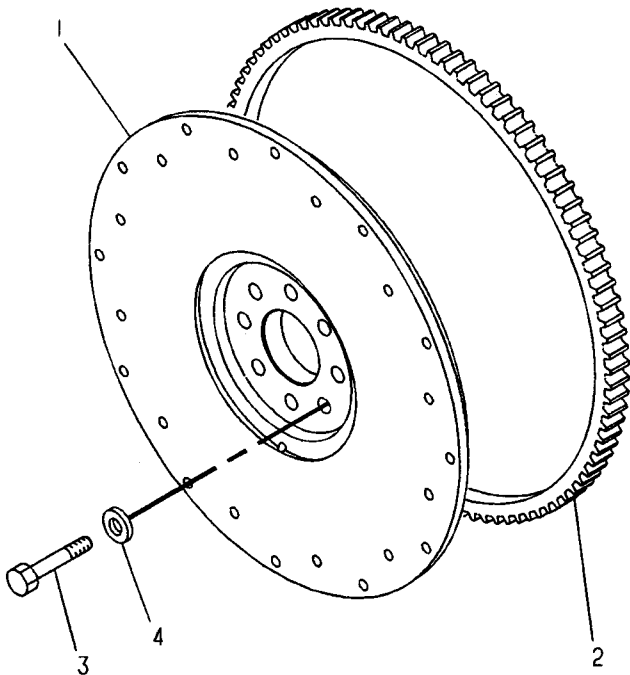
M-METRIC PART

R-607859 CP

1156

9Y6277 FLYWHEEL GP

For Use With SAE No. 1 Flywheel Housing & 11.5 Or 14 In. Clutch
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1013246	1	FLYWHEEL AS
	2	7W5095	1	GEAR-FLYWHEEL (134 TEETH)
	3	7X3350	8	BOLT-LOCKING (M12X1.75X35 MM)
	4	5P8245	8	WASHER (3MM THK)

M-METRIC PART

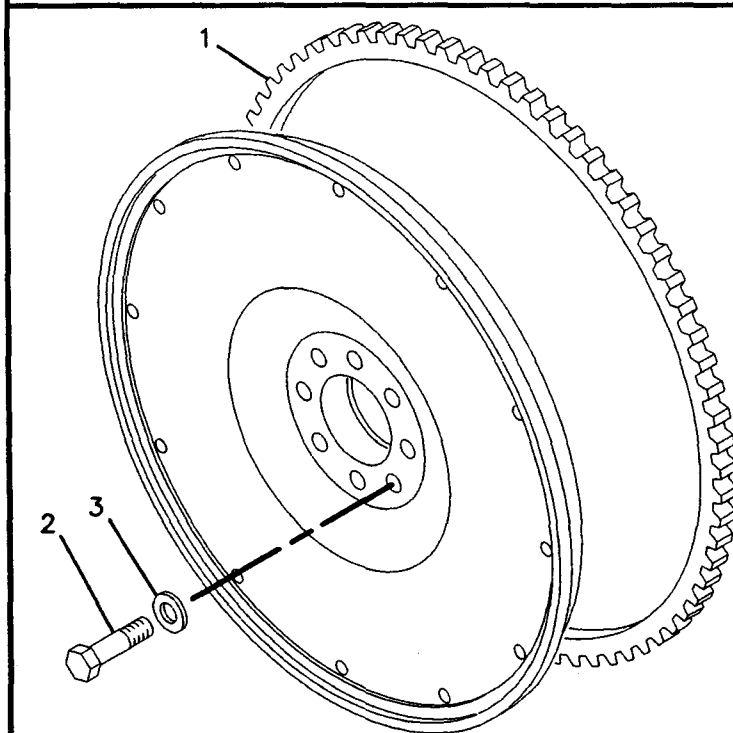
A-601633 CP

1156

9Y6706 FLYWHEEL GP

An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y7507	1	FLYWHEEL AS
		6I2997	1	GEAR (156 TEETH)
	2	9Y7633	8	BOLT-LOCKING (M12X1.75X50MM)
	3	5P7213	8	WASHER-HARD (2MM THK)

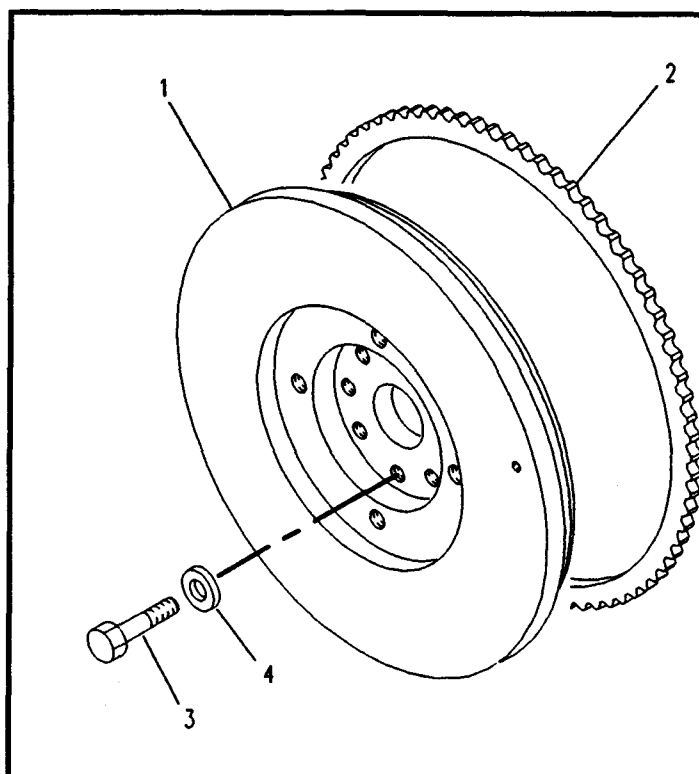
M-METRIC PART

F-607349 CP

1156

9Y7506 FLYWHEEL GP

For Use With SAE No. 1 Flywheel Housing &
Lipe Rollway 15.5 Inch 2 Plate Clutch
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y8978	1	FLYWHEEL AS
	2	2N1599	1	GEAR
	3	9Y7734	8	BOLT-LOCKING
	4	5P8245	8	WASHER

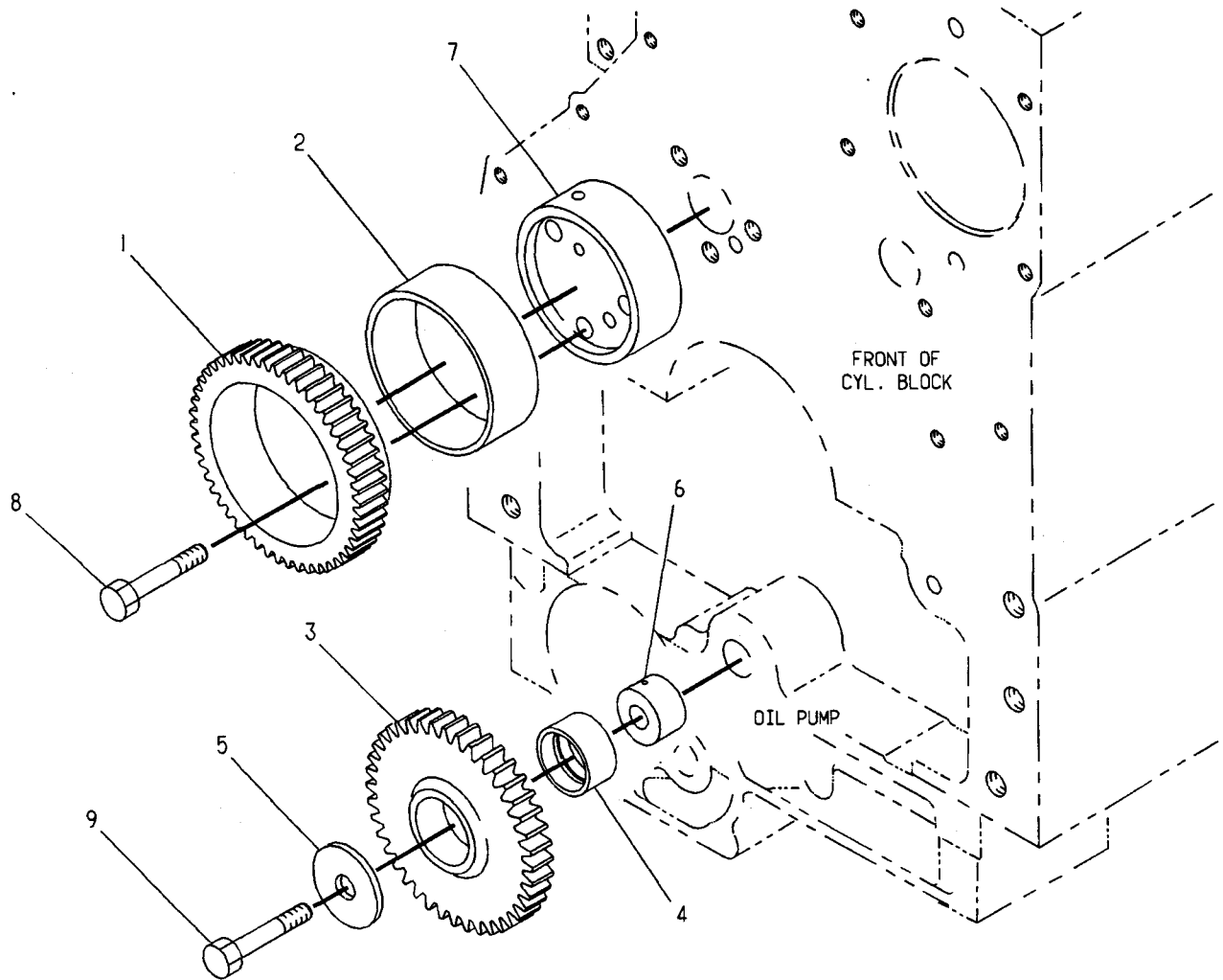
F-481200 EP

1156

9Y8979 FLYWHEEL GP

An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	2W8476	1	GEAR AS-IDLER (50 TEETH)					
	2	2W7566	1	BEARING-SLEEVE					
	3	7W9740	1	GEAR AS-IDLER (43 TEETH)					
	4	7W9930	1	BEARING-SLEEVE					
	5	7W9738	1	WASHER					
	6	7W9737	1	SHAFT-OIL PUMP					
	7	2W7565	1	SHAFT-IDLER					
	8	6V3822	3	BOLT					
	9	9X2305	1	BOLT-LOCKING					

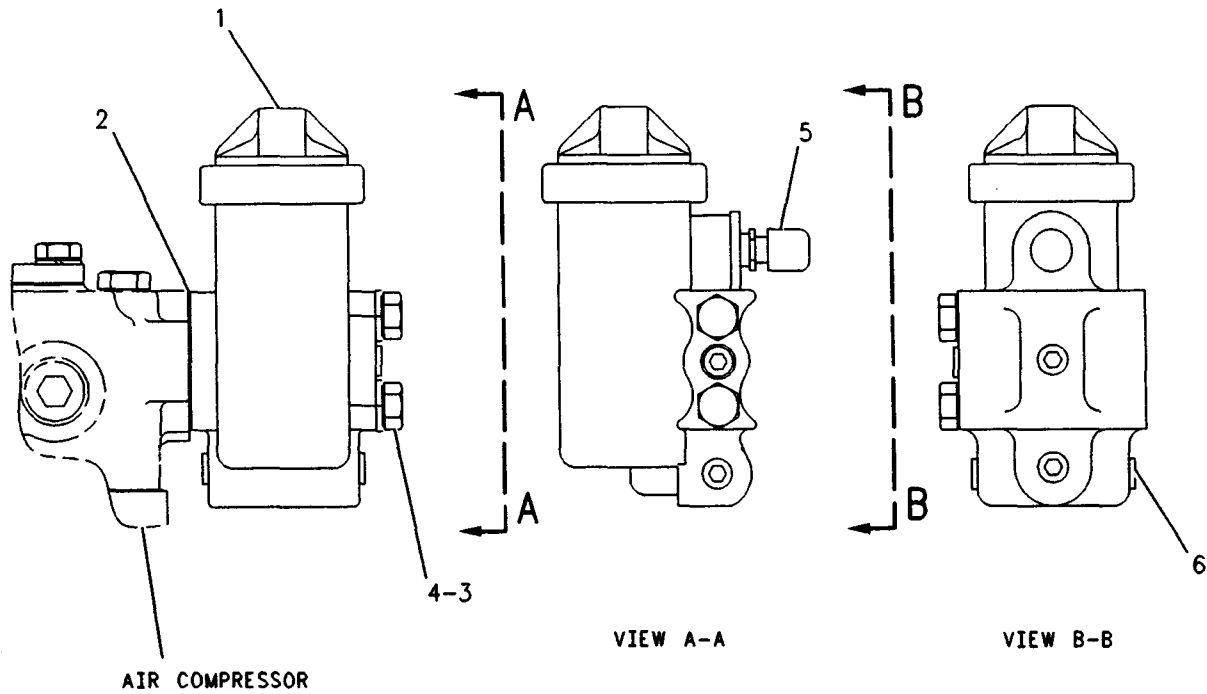
M-METRIC PART

A-491327 EP

1206

2W8475 GEAR GP-FRONT

BASIC ENGINE

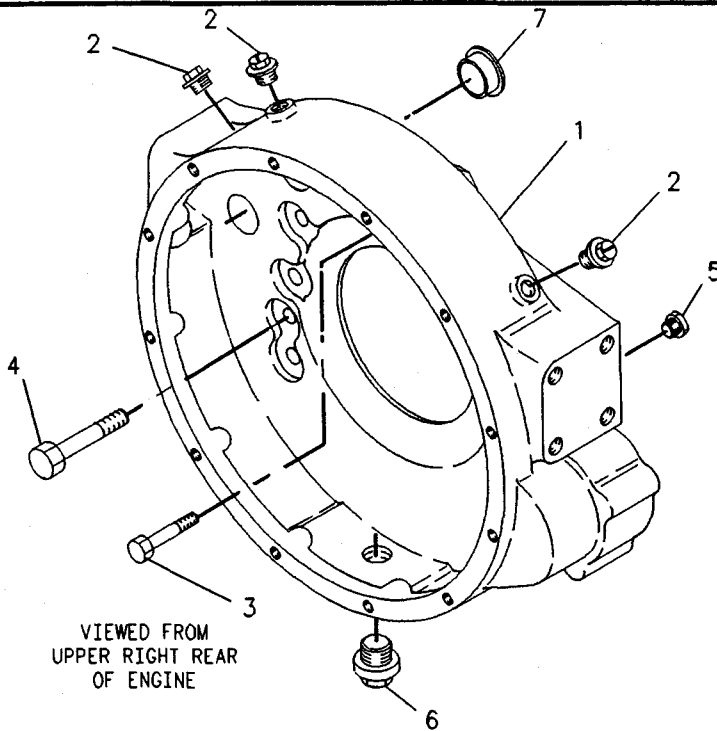


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N9680	1	GOVERNOR AS					
		2S2923	1	COVER-GOVERNOR					
		9M0402	1	KIT-GOVERNOR OVERHAUL					
	2	6L1883	1	GASKET-GOVERNOR					
	3	1D4540	2	BOLT (5/16-18X2.75IN)					
	4	9M1974	2	WASHER-HARD (2MM THK)					
	5	5F5434	1	VENT AS					
	6	9F2247	5	PLUG					

F-607647 CP

7E4832 GOVERNOR GP-AIR
An Attachment

BASIC ENGINE



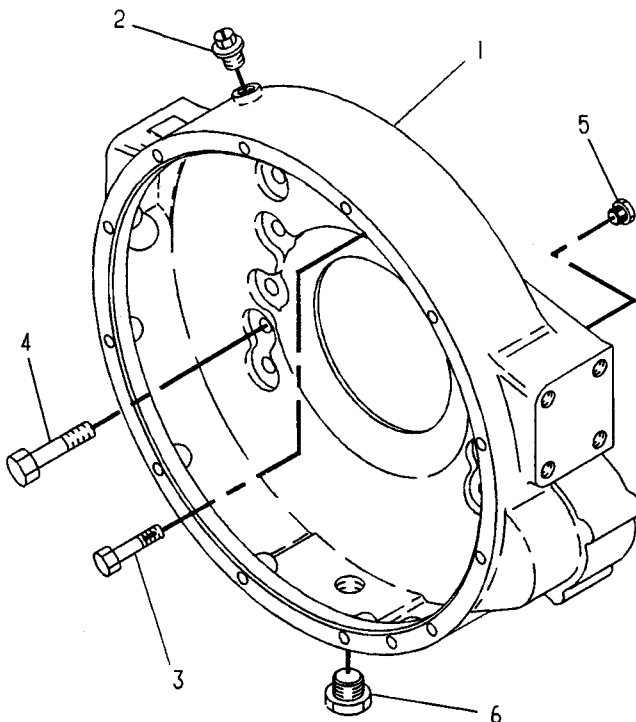
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	1006567	1	HOUSING-FLYWHEEL
	2	2P1294	3	PLUG-SEAL
	3	6V5842	2	BOLT (M10X1.50X40MM)
	4	7X3347	10	BOLT-LOCKING (M14X2X45MM)
	5	9S4182	1	PLUG
	6	9S8008	1	PLUG-O-RING (1 1/16-12 THD)
	7	1051739	1	PLUG

M-METRIC PART

F-607356 CP

1157

1006568 HOUSING GP-FLYWHEEL
For Use With SAE No. 1 Flywheel
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	1006551	1	HOUSING-FLYWHEEL
	2	2P1294	1	PLUG-SEAL
	3	6V5842	2	BOLT (M10X1.50X40MM)
	4	7X3347	10	BOLT-LOCKING (M14X2X45MM)
	5	9S4182	1	PLUG
	6	9S4183	1	PLUG

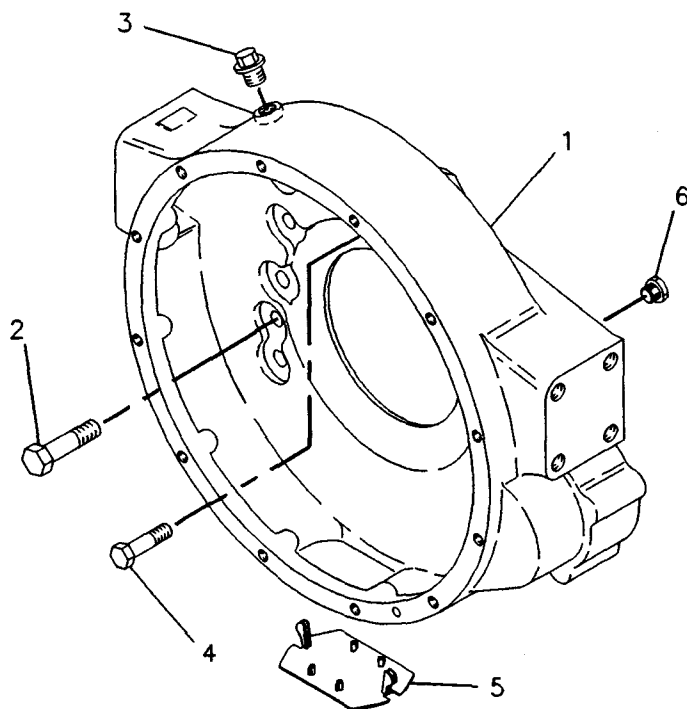
M-METRIC PART

A-542086 EP

1157

4W1103 HOUSING GP-FLYWHEEL
SAE No. 2
Provides Starting Motor Mounting Flange On Right Hand Side
An Attachment

BASIC ENGINE



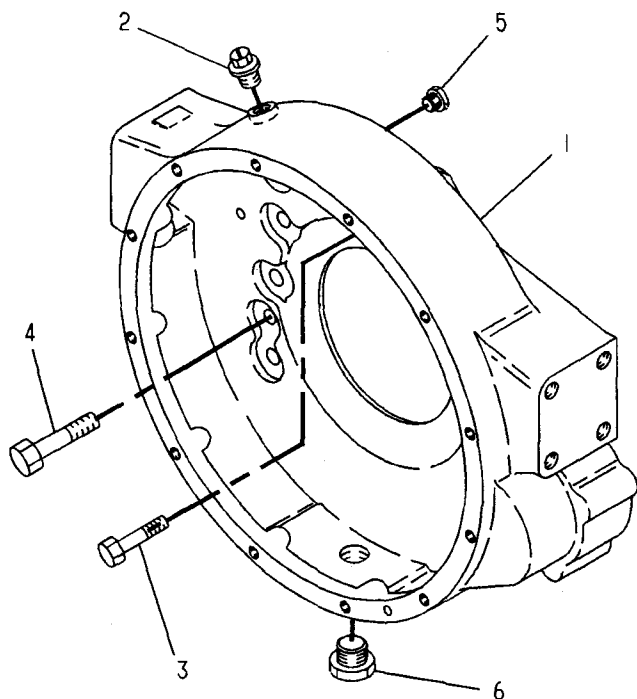
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1192920	1	HOUSING-FLYWHEEL
	2	7X3347	10	BOLT-LOCKING (M14X2X45MM)
M	3	2P1294	1	PLUG-SEAL
	4	6V5842	2	BOLT (M10X1.50X40MM)
	5	4P5869	1	COVER
	6	9S4182	1	PLUG

M-METRIC PART

F-607214 CP

1157

7E3717 HOUSING GP-FLYWHEEL
For Use With SAE No.2 Flywheel
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C5233	1	HOUSING-FLYWHEEL
	2	2P1294	1	PLUG-SEAL
M	3	6V5842	2	BOLT
	4	7X3347	10	BOLT-LOCKING
CB	5	9S4182	1	PLUG
	6	9S4183	1	PLUG

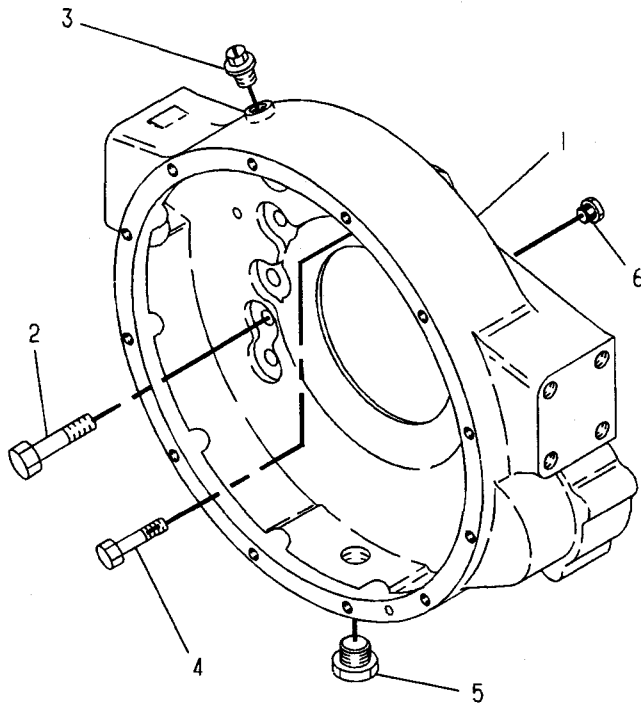
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

A-476491 EP

1157

7W8813 HOUSING GP-FLYWHEEL
Provides SAE No. 3 Flywheel Housing Equipped With
Starting Motor Mounting Flange On Right Hand Side
An Attachment

BASIC ENGINE



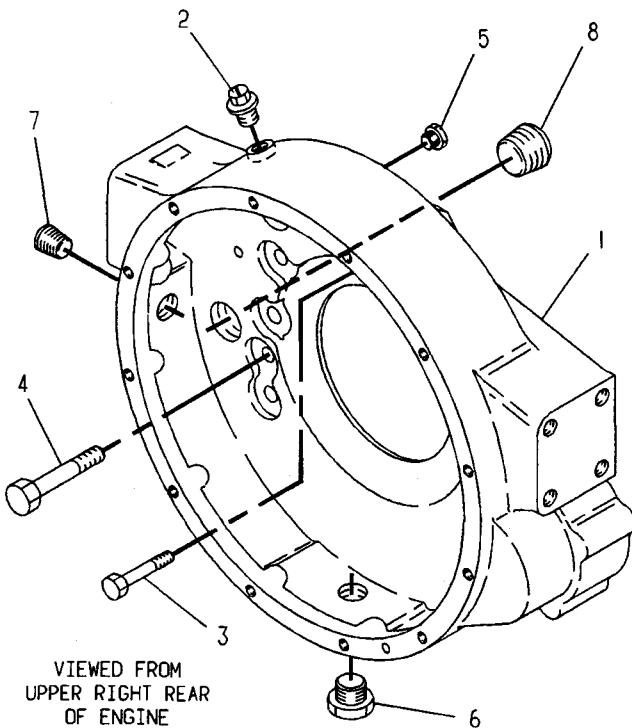
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1006550	1	HOUSING-FLYWHEEL
	2	8T0226	10	BOLT (2 IN) LG (M14 X 2 THD)
M	3	2P1294	1	PLUG-SEAL
	4	6V5842	2	BOLT 40MM (1.57 IN) LG (M10 X 1.5 THD)
	5	9S4183	1	PLUG
	6	9S4182	1	PLUG

M-METRIC PART

A-543893 EP

1157

9Y0054 HOUSING GP-FLYWHEEL
Provides No. 2 Flywheel Housing
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	9Y4583	1	HOUSING-FLYWHEEL
	2	2P1294	1	PLUG-SEAL
	3	6V5842	2	BOLT
	4	7X3347	10	BOLT-LOCKING
	5	9S4182	2	PLUG
	6	9S4183	1	PLUG
	7	1B5174	1	PLUG-PIPE
	8	1B5170	1	PLUG-PIPE

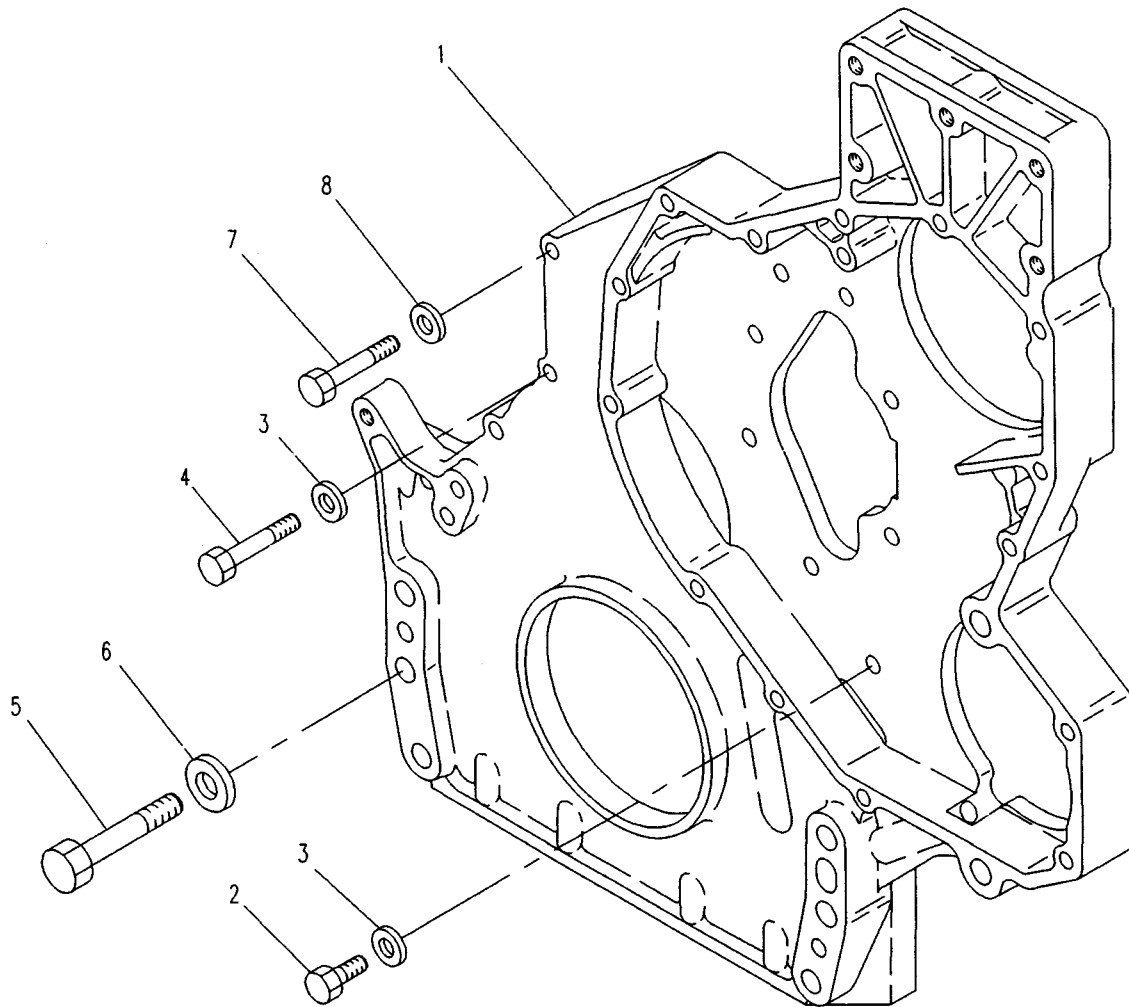
M-METRIC PART

A-537422 EP

1157

9Y4856 HOUSING GP-FLYWHEEL
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	7E6366	1	HOUSING-FRONT GEAR					
B		1U8846		GASKET-LIQUID					
M	2	6V5217	8	BOLT (M8X1.25X20MM)					
	3	9M1974	11	WASHER-HARD (2MM THK)					
M	4	6V3918	3	BOLT (M8X1.25X50MM)					
BM	5	6V8336	6	BOLT (M12X1.75X70MM)					
B	6	5P8245	6	WASHER (3MM THK)					
BM	7	6V3918	1	BOLT (M8X1.25X50MM)					
B	8	9M1974	1	WASHER-HARD (2MM THK)					

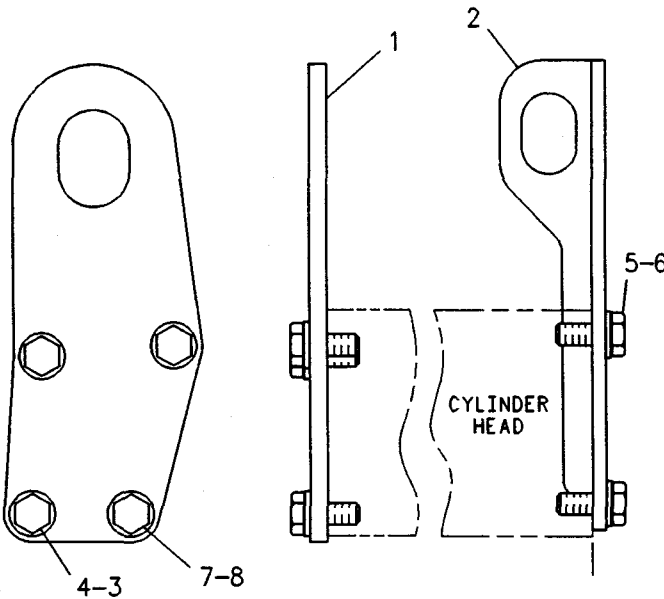
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

F-531679 EP

1151

7L0002 HOUSING GP-FRONT

BASIC ENGINE



REAR VIEW RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
M BM B BM B	1	4W1682	1	PLATE-LIFTING
	2	4W1683	1	PLATE-LIFTING
	3	6V4248	1	BOLT (M10X1.50X25MM)
	4	6V5839	1	WASHER (2.5MM THK)
	5	6V4248	4	BOLT (M10X1.50X25MM)
	6	6V5839	4	WASHER (2.5MM THK)
	7	6V4248	3	BOLT (M10X1.50X25MM)
	8	6V5839	3	WASHER (2.5MM THK)

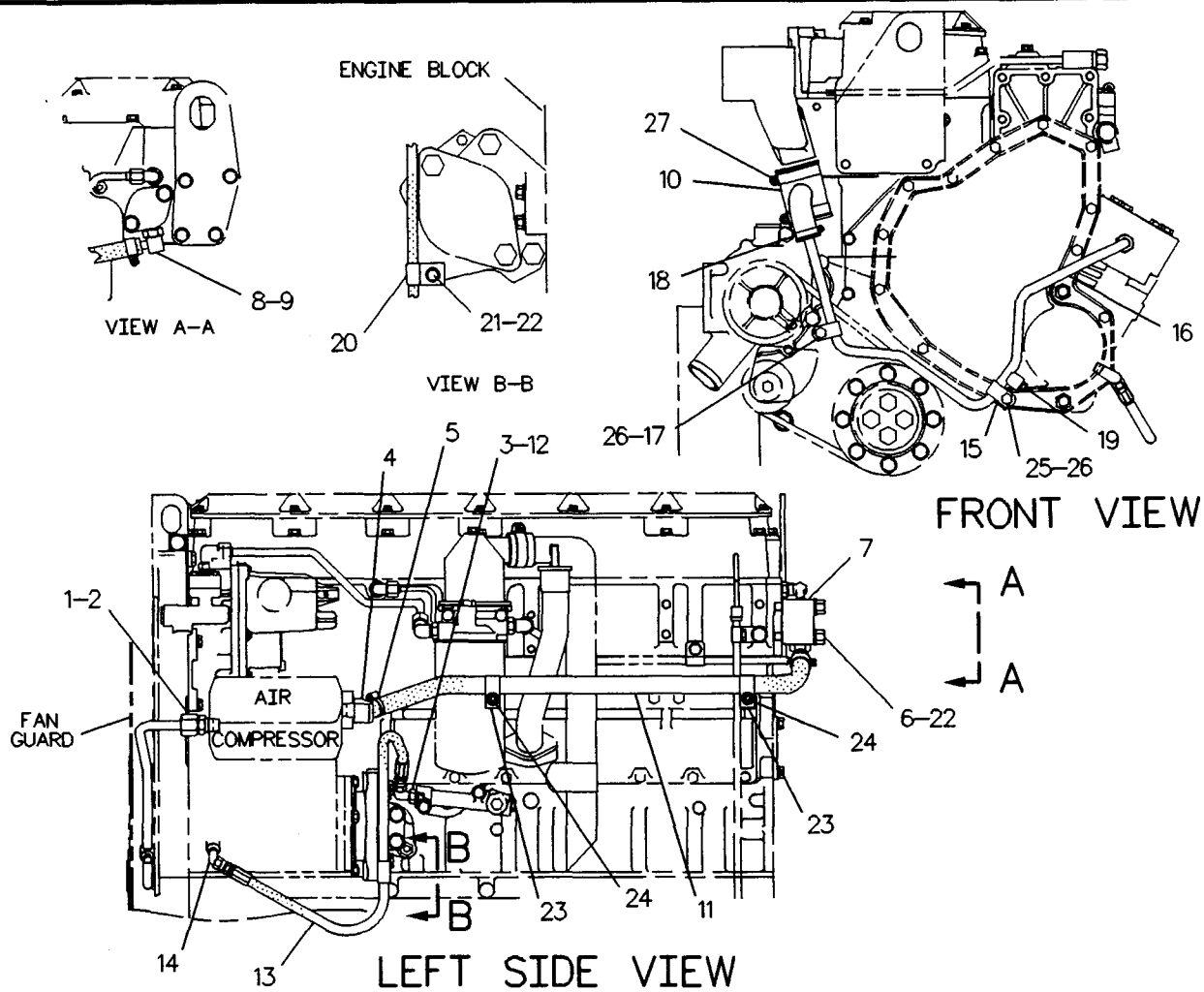
B-USE AS REQUIRED
M-METRIC PART

F-587163 EP

1122

4W2515 LIFTING GP

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8C6872	1	CONNECTOR		24	9X2099	2	STUDBOLT
	2	6V8398	1	SEAL-O-RING	M		5C7261	2	NUT
	3	3O7946	1	ELBOW			8T4224	6	WASHER-HARD
	4	321339	1	ELBOW	M	25	6V5218	1	BOLT
	5	5D1026	2	CLAMP-HOSE		26	9M1974	2	WASHER-HARD
M	6	8T6466	2	BOLT		27	9M0164	2	CLAMP-HOSE
	7	9Y9531	1	FLANGE					
		9M8443	1	GASKET					
	8	6V4292	1	ELBOW-O-RING					
	9	3K0360	1	SEAL-O-RING (16.36MM ID)					
	10	9Y9530	1	HOSE					
E	11	9X2133	1	HOSE (83 CM)					
	12	3U7354	1	SEAL-O-RING (8.92MM ID)					
I	13	9O7055	1	HOSE AS					
	14	5P4479	1	ELBOW					
	15	338248	2	CLIP					
	16	9Y9532	1	TUBE AS					
M	17	8T0100	1	BOLT					
	18	5V9155	1	CLAMP-HOSE					
	19	8T6764	1	PLUG-PIPE					
	20	6D3479	1	CLIP					
M	21	8T4191	1	BOLT					
	22	8T4121	3	WASHER					
	23	1S0994	2	CLIP					

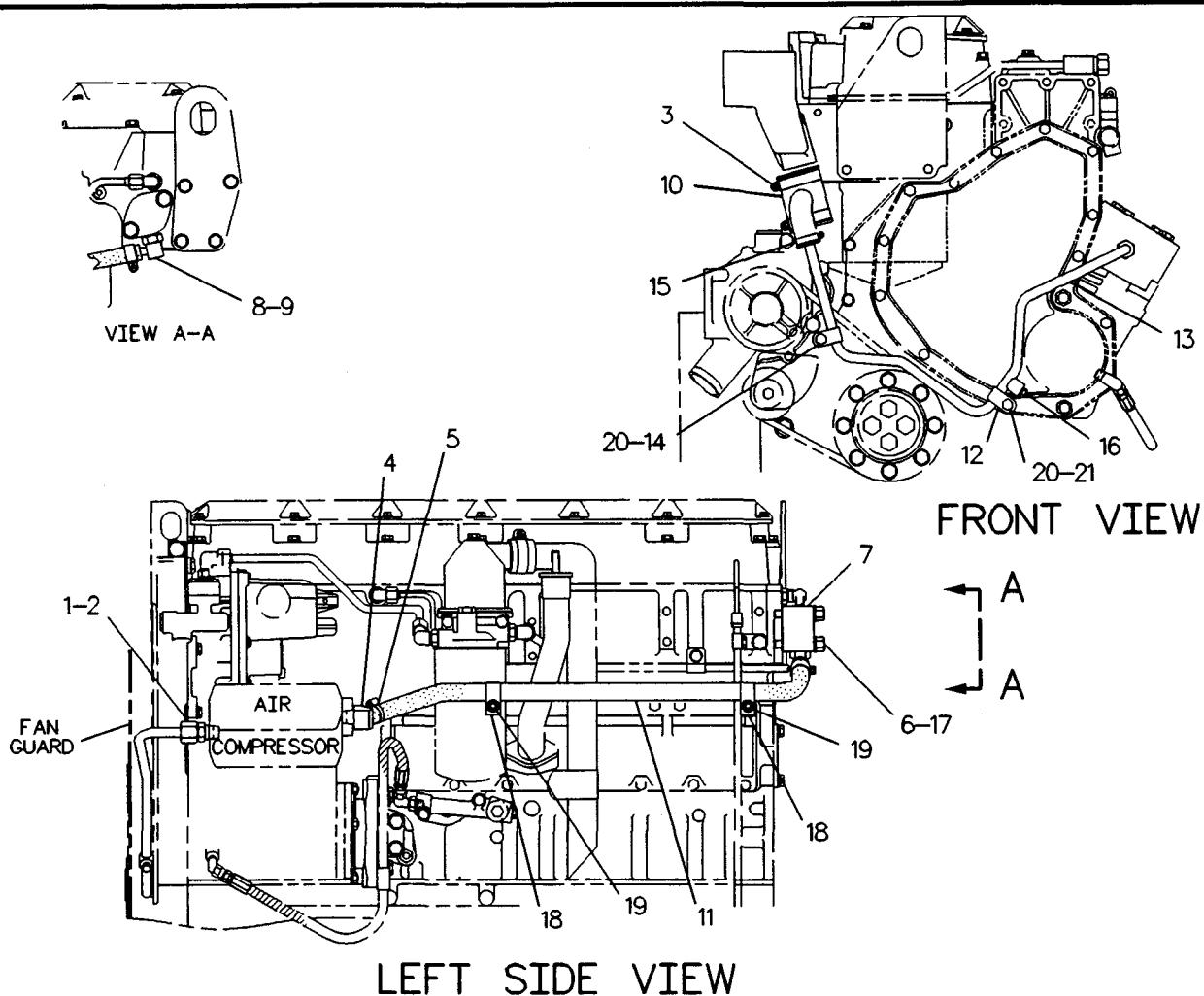
E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART

F-558895 EP

1803

4P4703 LINES GP-AIR COMPRESSOR
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	8C6872	1	CONNECTOR					
	2	6V8398	1	SEAL-O-RING					
	3	9M0164	2	CLAMP-HOSE					
	4	321339	1	ELBOW					
	5	5D1026	2	CLAMP-HOSE					
	6	8T6466	2	BOLT					
	7	9Y9531	1	FLANGE					
		9M8443	1	GASKET					
	8	6V4292	1	ELBOW-O-RING					
	9	3K0360	1	SEAL-O-RING (16.36MM ID)					
E	10	9Y9530	1	HOSE					
	11	9X2133		HOSE (83 CM)					
	12	338248	2	CLIP					
	13	7E5286	1	TUBE AS					
M	14	8T0100	1	BOLT					
	15	5V9155	1	CLAMP-HOSE					
	16	8T6764	1	PLUG-PIPE					
	17	8T4121	2	WASHER					
	18	1S0994	2	CLIP					
	19	9X2099	2	STUDBOLT					
M		5C7261	2	NUT					
		8T4224	6	WASHER-HARD					
	20	9M1974	2	WASHER-HARD					
M	21	6V5218	1	BOLT					

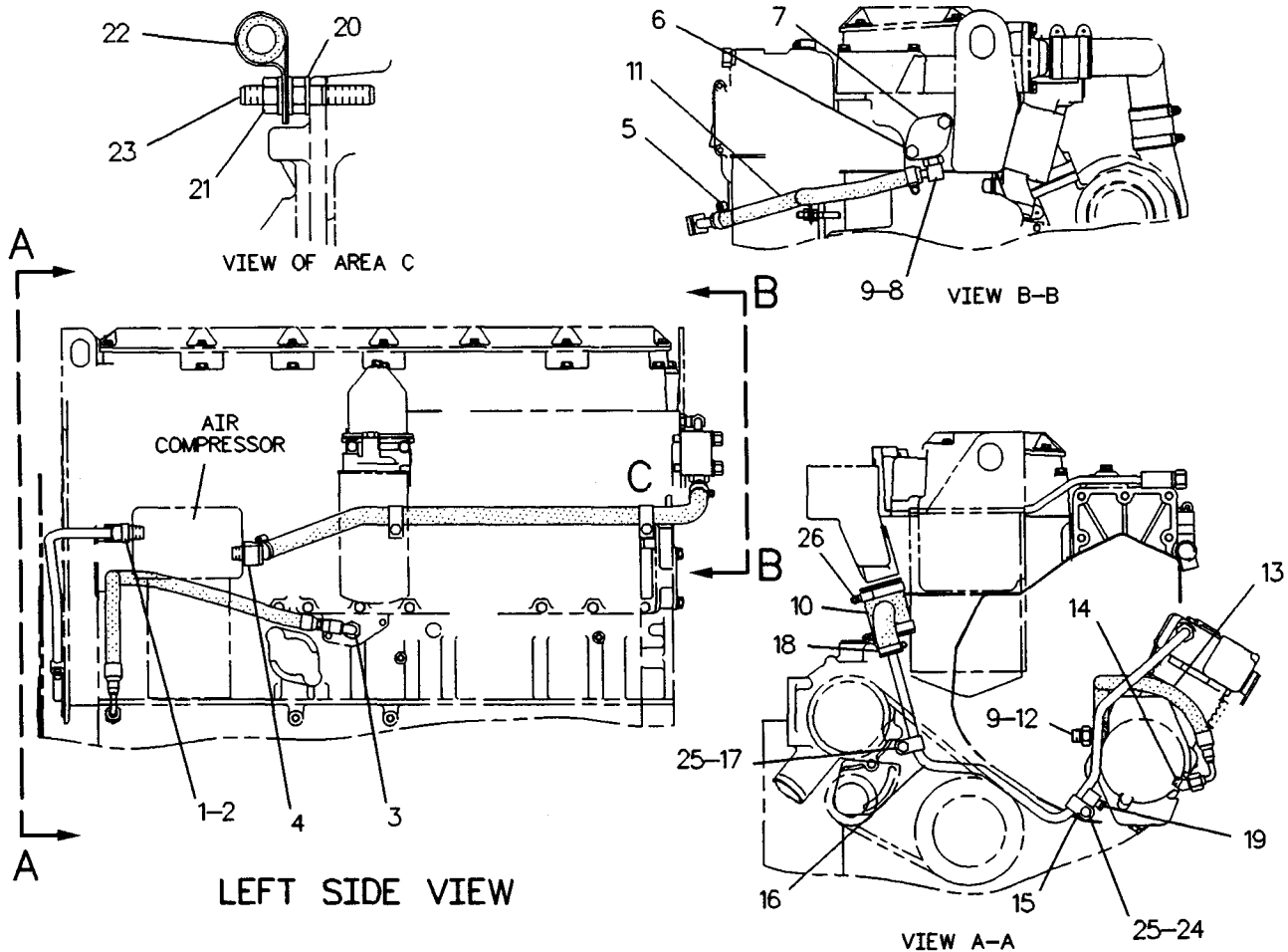
E-ORDER BY THE CENTIMETER
M-METRIC PART

F-558969 EP

1803

6I3885 LINES GP-AIR COMPRESSOR
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	8C6872	1	CONNECTOR	M	20	8T4224	6	WASHER-HARD
	2	6V8398	1	SEAL-O-RING		21	5C7261	2	NUT
	3	3O7946	1	ELBOW		22	1S0994	2	CLIP
	4	321339	1	ELBOW		23	9X2099	2	STUDBOLT
	5	5D1026	2	CLAMP-HOSE		24	6V5218	1	BOLT
	6	8T6466	2	BOLT		25	9M1974	2	WASHER-HARD
	7	8T4121	2	WASHER		26	9MO164	2	CLAMP-HOSE
	8	9Y9531	1	FLANGE					
	9	9M8443	1	GASKET					
	10	6V4292	1	ELBOW-O-RING					
	11	3K0360	2	SEAL-O-RING (LARGE)					
	12	9Y9530	1	HOSE					
	13	9X2133	1	HOSE (83CM)					
	14	3P1932	1	ADAPTER					
	15	3J7354	1	SEAL-O-RING (SMALL)					
	16	393593	1	HOSE AS					
	17	9L5125	1	ELBOW					
	18	338248	2	CLIP					
	19	7E5286	1	TUBE AS					
E	20	8T0100	1	BOLT					
	21	5V9155	1	CLAMP-HOSE					
	22	8T6764	1	PLUG-PIPE					
	23								

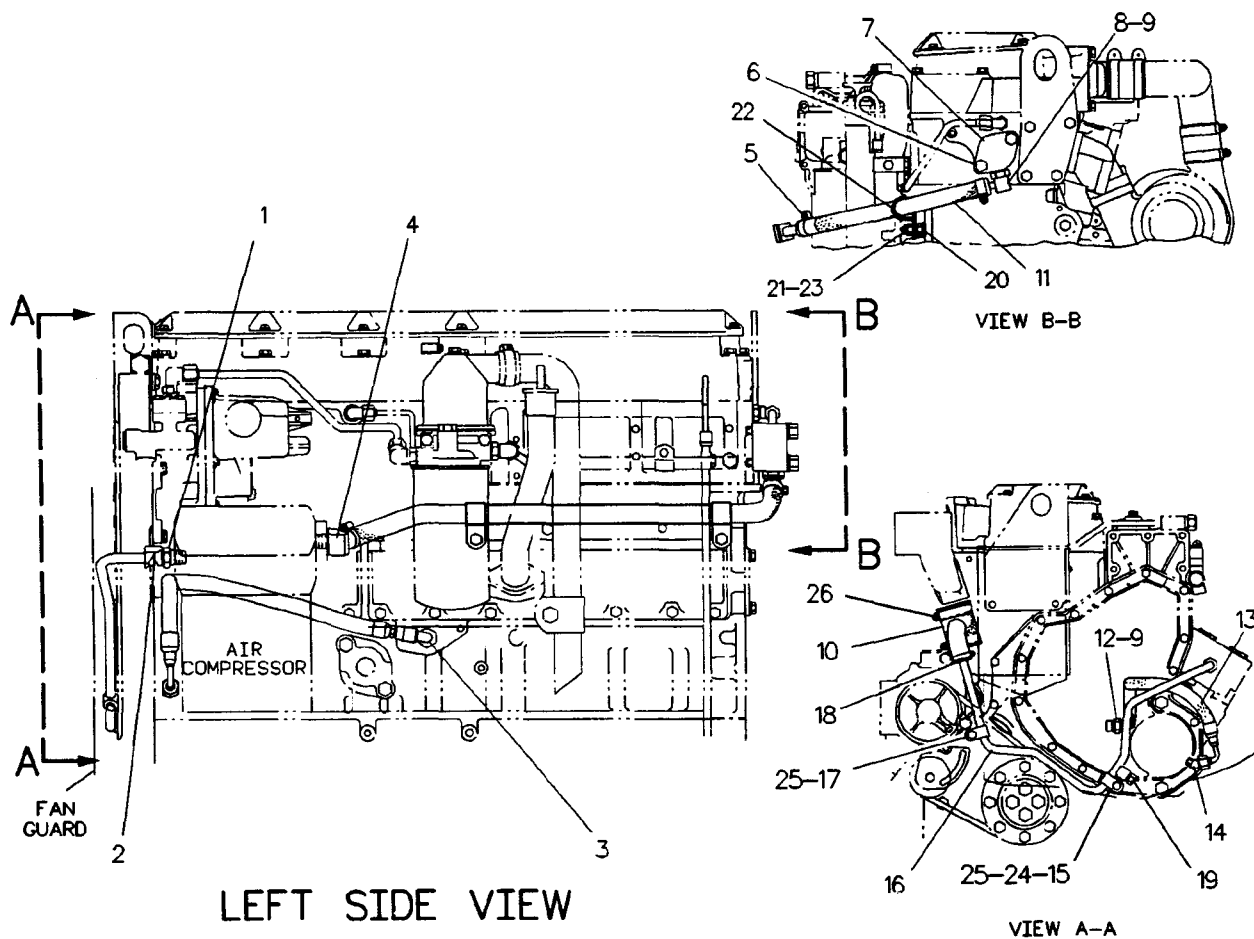
E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART

F-558353 EP

1803

7E4859 LINES GP-AIR COMPRESSOR
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	8C6872	1	CONNECTOR	M	20	8T4224	6	WASHER-HARD
	2	6V8398	1	SEAL-O-RING		21	5C7261	2	NUT
	3	307946	1	ELBOW		22	1S0994	2	CLIP
	4	321339	1	ELBOW		23	9X2099	2	STUDBOLT
	5	5D1026	2	CLAMP-HOSE		24	6V5218	1	BOLT
	6	8T6466	2	BOLT		25	9M1974	2	WASHER-HARD
E	7	8T4121	2	WASHER		26	9M0164	2	CLAMP-HOSE
	8	9Y9531	1	FLANGE					
	9	9M8443	1	GASKET					
I	10	6V4292	1	ELBOW-O-RING					
	11	3K0360	2	SEAL-O-RING (16.36MM ID)					
	12	9Y9530	1	HOSE					
M	13	9X2133	1	HOSE					
	14	3P1932	1	ADAPTER					
	15	3J7354	1	SEAL-O-RING (8.92MM ID)					
	16	393593	1	HOSE AS					
	17	9L5125	1	ELBOW					
	18	338248	2	CLIP					
	19	9Y9532	1	TUBE AS					
		8T0100	1	BOLT					
		5V9155	1	CLAMP-HOSE					
		8T6764	1	PLUG-PIPE					

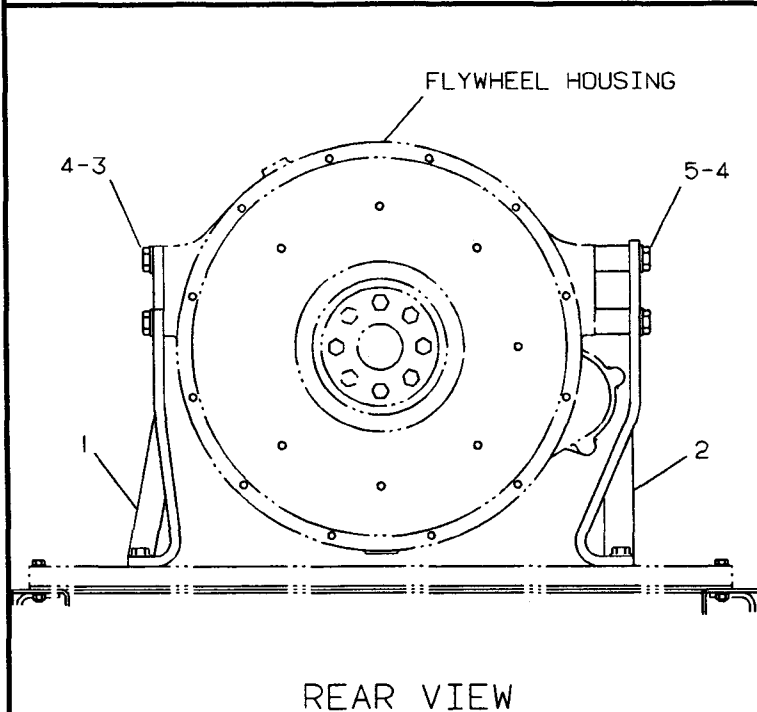
E-ORDER BY THE CENTIMETER
I-SEE HOSE FABRICATION GUIDE
M-METRIC PART

R-558947 EP

1803

9Y9645 LINES GP-AIR COMPRESSOR
For Use With Industrial Air Comperssor
An Attachment

BASIC ENGINE



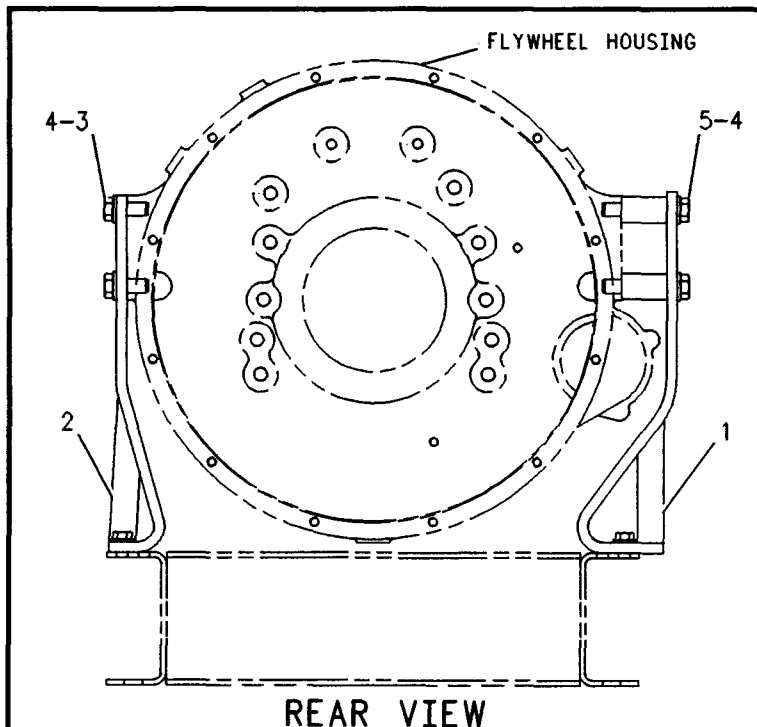
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1014632	1	SUPPORT AS
	2	1014633	1	SUPPORT AS
	3	6V4429	4	BOLT
	4	5P8247	8	WASHER-HARD
	5	8T0281	4	BOLT

M-METRIC PART

C-545466 EP

1152

1014631 MOUNTING GP-ENGINE
For Use With Light Duty Base
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1098860	1	SUPPORT AS (RH)
	2	1098859	1	SUPPORT AS (LH)
	3	6V4429	4	BOLT
	4	5P8247	8	WASHER-HARD
	5	8T0358	4	BOLT

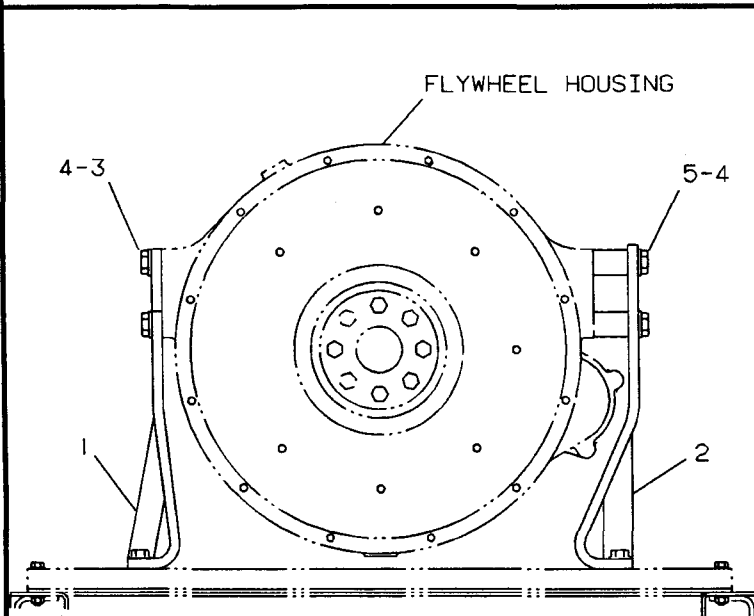
M-METRIC PART

R-575866 EP

1152

1098861 MOUNTING GP-ENGINE
For Use With SAE No. 1 Flywheel Housing
C Or D Radiator & Light Duty Base
An Attachment

BASIC ENGINE



REAR VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y2107	1	SUPPORT AS (L.H.)
	2	9Y2108	1	SUPPORT AS (R.H.)
M	3	6V4429	4	BOLT
	4	5P8247	8	WASHER-HARD
	5	8T0281	4	BOLT

M-METRIC PART

C-457099 EP

1152

9Y2105 MOUNTING GP-ENGINE

For Use With Industrial Base And SAE #2 Or #3 Flywheel Housings
An Attachment

BASIC ENGINE

1-2

3-4-5

COMPRESSOR

4-2

8

9

FRONT HSG

ENGINE

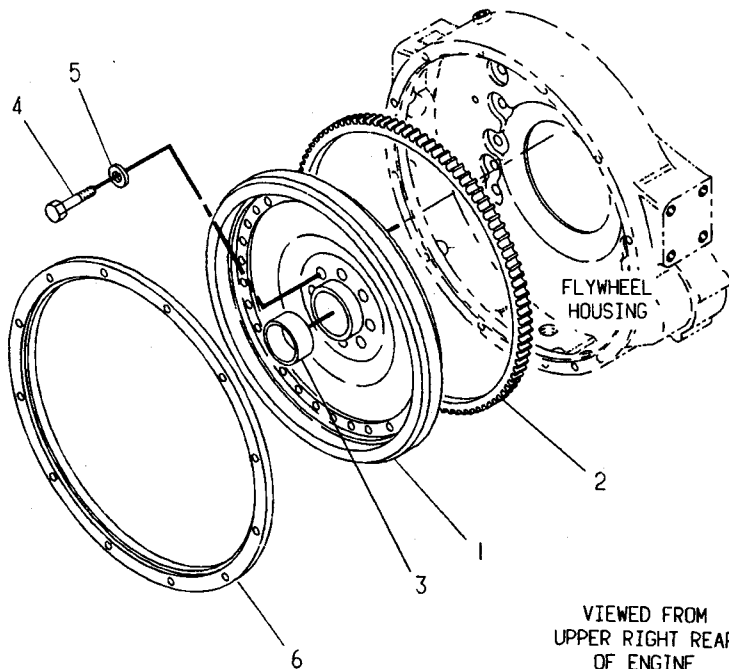
FRONT VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T4222	1	WASHER-PLATED					
M	2	8T4136	2	BOLT					
M	3	8T4186	2	BOLT					
	4	8T4121	9	WASHER					
M	5	8T4133	2	NUT					
	6	7W9852	1	PLATE					
	7	9Y1285	1	STRAP					
	8	7E7302	1	BRACKET					
M	9	8T4196	4	BOLT					

C-545348 EP

9Y0642 MOUNTING GP-REFRIGERANT COMPRESSOR
An Attachment

BASIC ENGINE

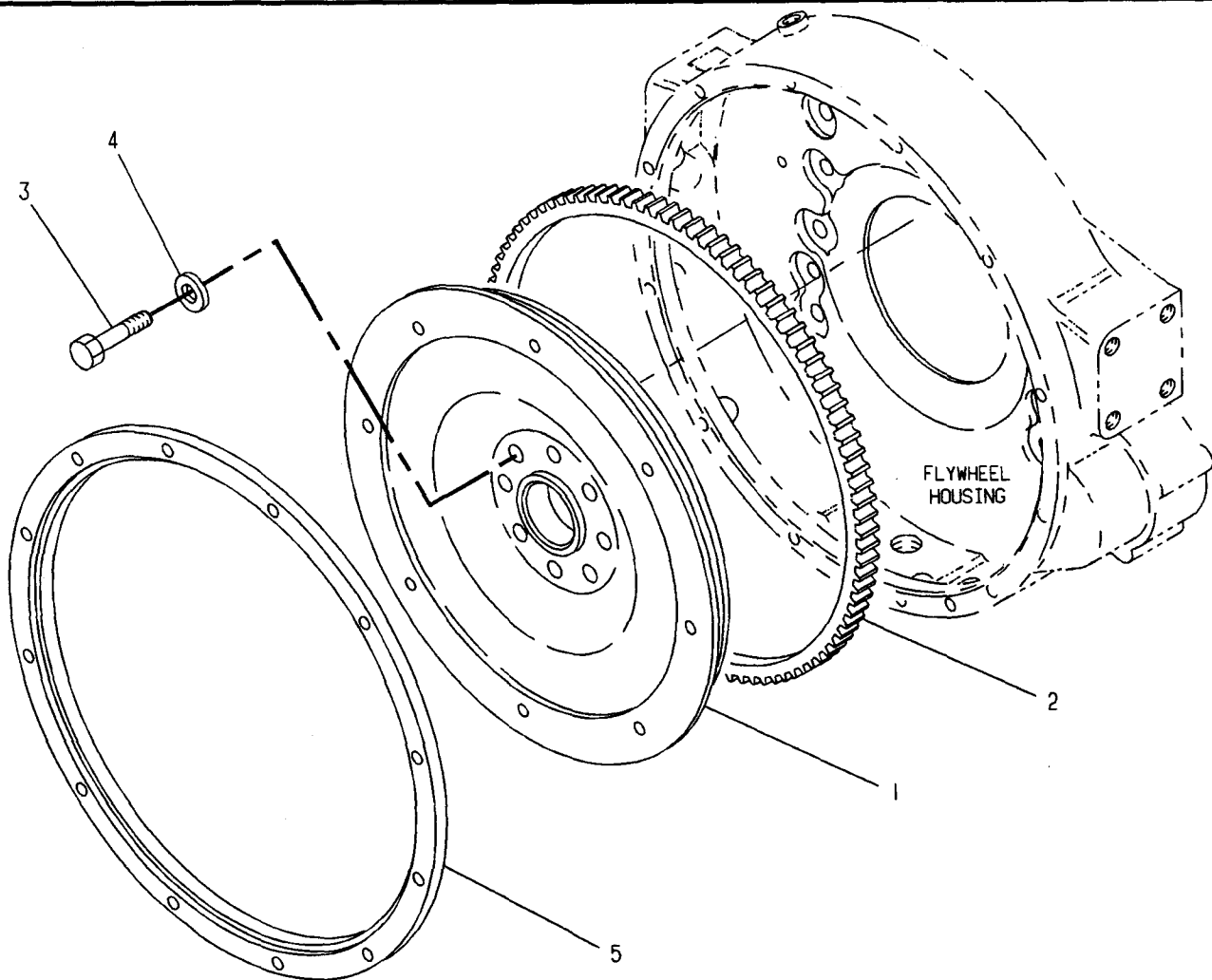


NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y4147	1	FLYWHEEL AS
	2	2N1599	1	GEAR (126 TEETH)
	3	4W7594	1	SLEEVE-HARDENED
	4	6V7673	8	BOLT
	5	5P8245	8	WASHER
	6	9Y4636	1	ADAPTER
M-METRIC PART				
A-457065 EP				

1156

9Y4146 MOUNTING GP-TORQUE CONVERTER
For Use With SAE No. 3 Flywheel Housing
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y4145	1	FLYWHEEL AS					
	2	2N1599	1	GEAR (126 TEETH)					
	3	6V8197	8	BOLT					
	4	5P8245	8	WASHER					
	5	9Y4350	1	ADAPTER-FLYWHEEL HOUSING					

M-METRIC PART

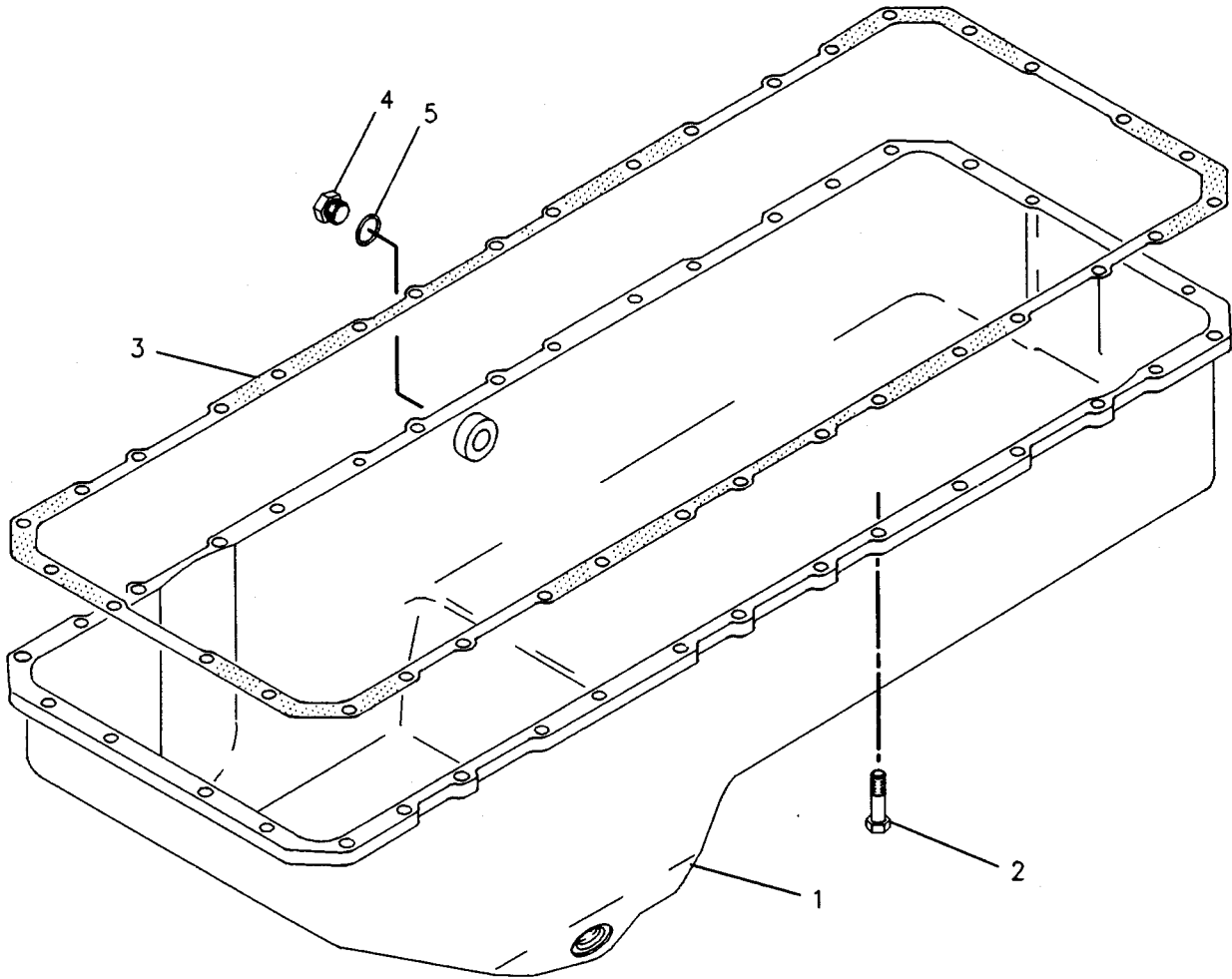
A-488686 EP

1156

9Y4144 MOUNTING GP-TRANSMISSION

For Use With SAE No. 3 Flywheel Housing
Requires Flywheel Housing With Access Holes For Flywheel To
Transmission Mounting Bolts, An Attachment

BASIC ENGINE



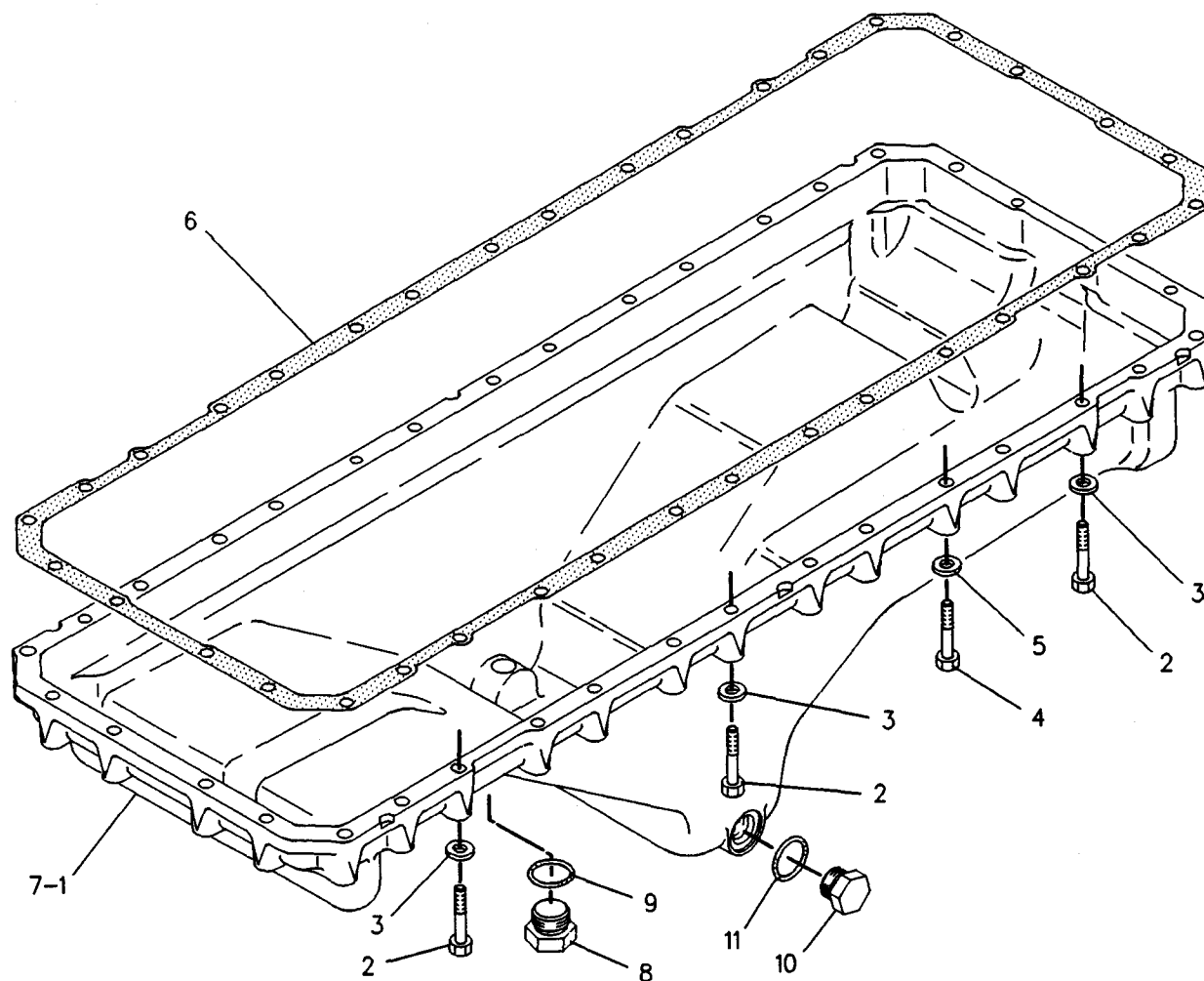
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1154170	1	PAN AS-OIL					
		1U8846		GASKET-LIQUID					
	2	1107618	36	BOLT AS					
	3	7W8860	1	GASKET-OIL PAN					
	4	9S8004	1	PLUG-O-RING					
	5	3J1907	1	SEAL-O-RING					

F-581979 EP

1302

4P1723 PAN GP-OIL

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1167077	1	PAN-OIL					
JM	2	6V3918	6	BOLT (M8X1.25X50MM)					
J	3	9M1974	6	WASHER-HARD (2MM THK)					
M	4	6V3918	30	BOLT (M8X1.25X50MM)					
	5	9M1974	30	WASHER-HARD (2MM THK)					
	6	1154202	1	GASKET					
B	7	1U8846	1	GASKET-LIQUID					
	8	9S4188	1	PLUG-O-RING					
	9	4K1388	1	SEAL-O-RING (26.6MM ID)					
	10	1183619	1	PLUG-O-RING					
	11	3K0360	1	SEAL-O-RING (16.36MM ID)					
				J-USE WITHOUT SOUND SUPPRESSION OIL PAN COVER					

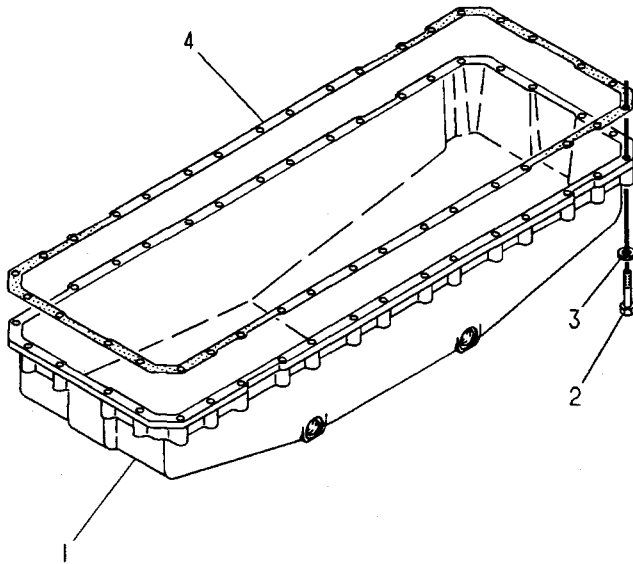
B-USE AS REQUIRED
M-METRIC PART

F-594350 EP

1302

4W0269 PAN GP-OIL
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	9Y3023	1	PAN-OIL
M	2	6V3918	36	BOLT (M8X1.25X50MM)
	3	9M1974	36	WASHER-HARD
	4	1154202	1	GASKET
B		1U8846		GASKET-LIQUID

B-USE AS REQUIRED
 C-CHANGE FROM PREVIOUS TYPE
 M-METRIC PART

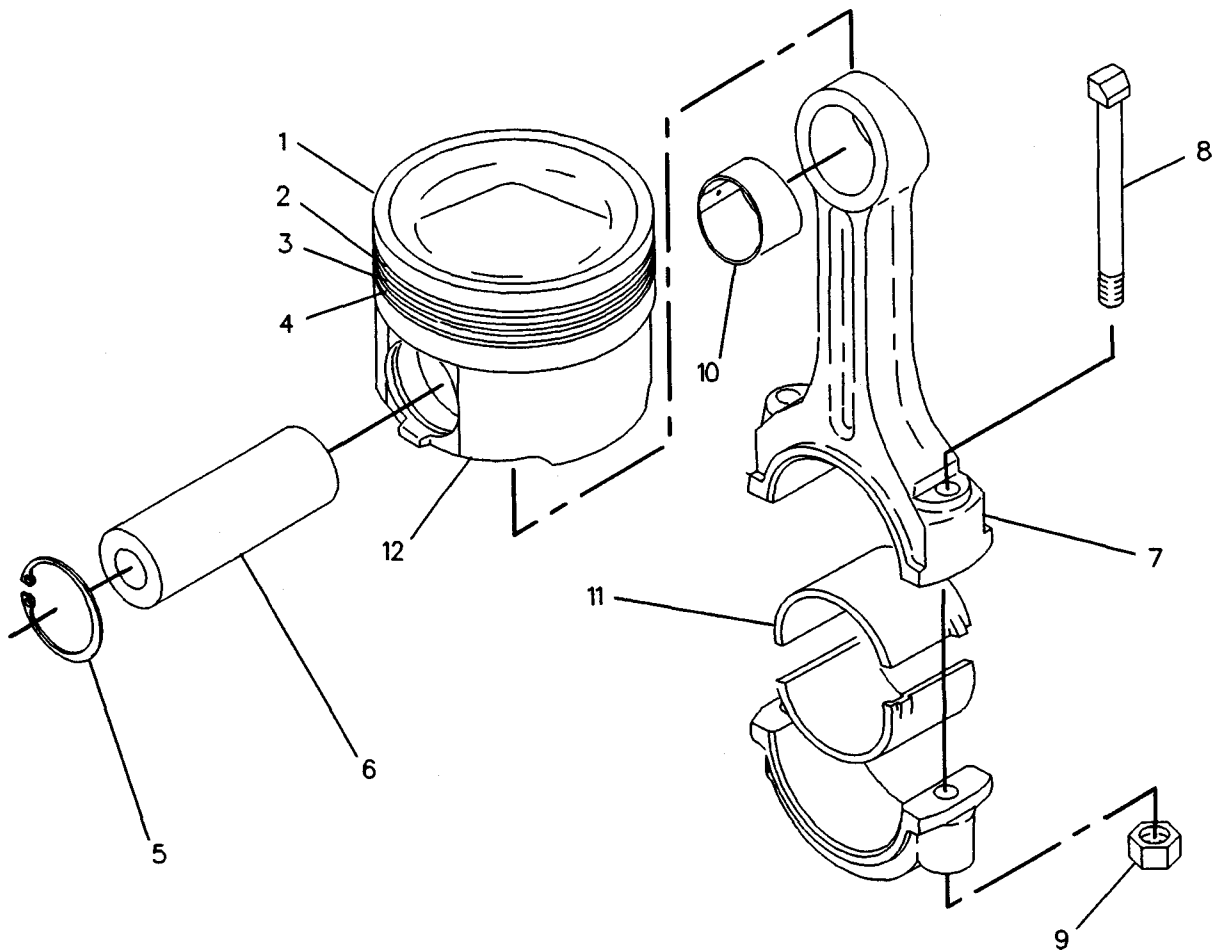
A-607258 CP

1302

7C6597 PAN GP-OIL

For Use When Fuel Tank Is Used On Base Mounted Engines & Applications Which Require Shallow Sump Oil Pan With Limited Tilt Angle Capability, An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
R	1	1077545	1	CROWN AS-PISTON					
	2	1077548	1	RING-PISTON TOP					
	3	7E5786	1	RING-PISTON INTERMEDIATE					
	4	7C5232	1	RING-PISTON OIL					
	5	7C0111	2	RETAINER-PIN					
	6	7C3901	1	PIN-PISTON					
	7	2W9128	1	ROD AS-CONNECTING					
	8	9N3832	2	BOLT-CONNECTING ROD					
	9	9L7669	2	NUT-CONNECTING ROD					
	10	2W0027	1	BEARING					
	11	7W9415	1	BEARING-CONNECTING ROD					
	12	4P1549	1	SKIRT-PISTON					

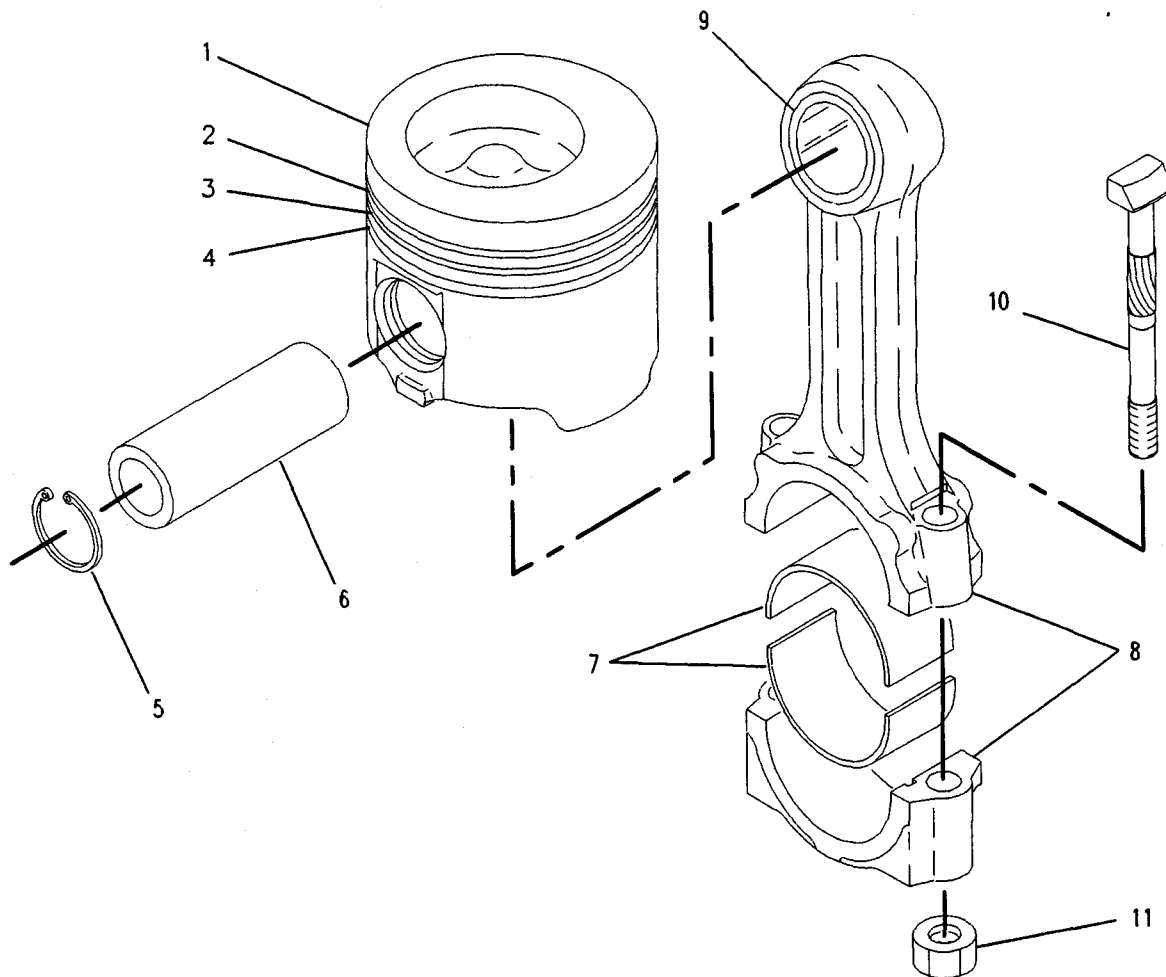
R-REMFG PART MAY BE AVAILABLE

F-575639 EP

1225

1077639 PISTON & ROD GP-16.7:1 RATIO

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
A A R	1	1077563	1	BODY AS-PISTON					
	2	1051568	1	RING-PISTON (TOP)					
	3	7E5786	1	RING-PISTON (INTERMEDIATE)					
	4	4P1806	1	RING-PISTON (OIL)					
	5	7C0111	2	RETAINER-PIN					
	6	7C0115	1	PIN-PISTON					
	7	7W9415	1	BEARING-CONNECTING ROD					
		7C6976	1	BEARING (.25MM US)					
		7C6977	1	BEARING (.5MM US)					
	8	2W9128	1	ROD AS-CONNECTING					
	9	7C7412	1	BEARING-CONNECTING ROD					
	10	9N3832	2	BOLT-CONNECTING ROD					
	11	9L7669	2	NUT-CONNECTING ROD					

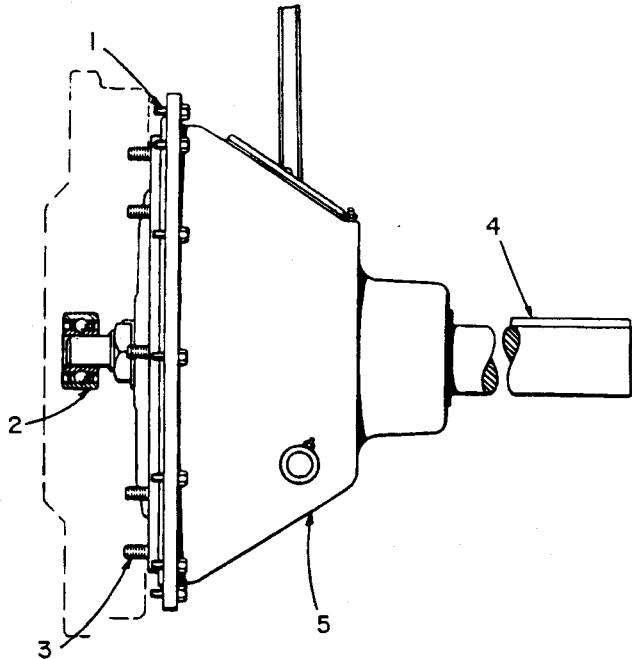
A-NOT PART OF THIS GROUP
R-REMG PART MAY BE AVAILABLE

F-571408 EP

1225

1085758 PISTON & ROD GP-17.0:1 RATIO

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	OT0320	12	BOLT
	2	6V0455	1	BALL BEARING
	3	OS1595	8	BOLT
	4	6B8575	1	KEY
	5	3N9097	1	CLUTCH GP

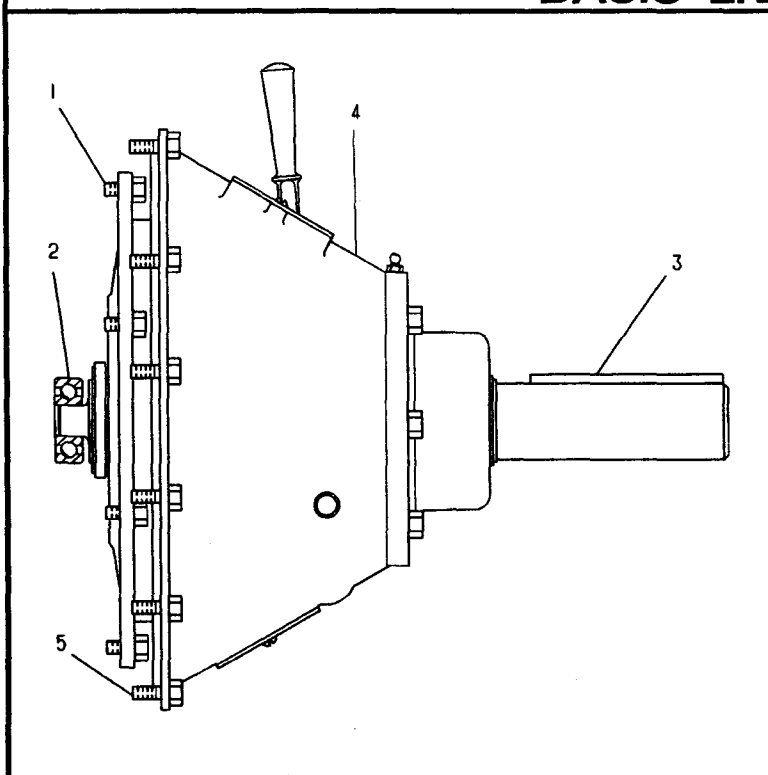
Y-SEPARATE ILLUSTRATION

B-480227 EP

1165

3N9098 POWER TAKE-OFF GP-REAR
3N9097-Page 30.02
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	7B3235	8	BOLT
	2	6V0455	1	BALL BEARING
	3	7F8896	1	KEY
	4	4P3073	1	CLUTCH GP
	5	3H5368	12	BOLT

Y-SEPARATE ILLUSTRATION

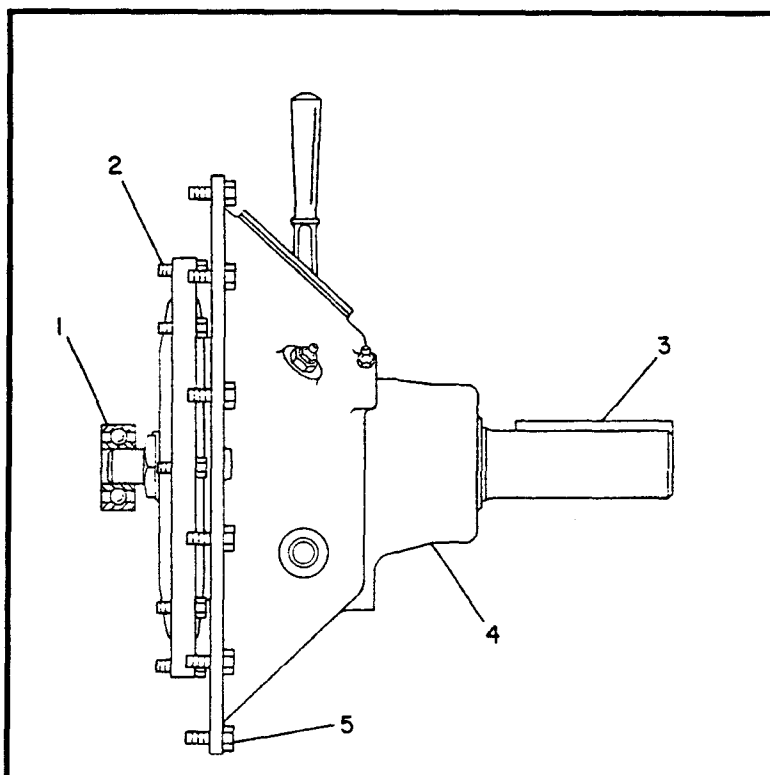
A-513911 EP

1165

4P3074 POWER TAKE-OFF GP-REAR

4P3073-Page 32

An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	5P0898	1	BALL BEARING
	2	OS1591	8	BOLT
	3	4L4866	1	KEY-SQUARE
	4	4W2650	1	CLUTCH GP
	5	8T2502	12	BOLT

Y-SEPARATE ILLUSTRATION

B-501426 EP

1165

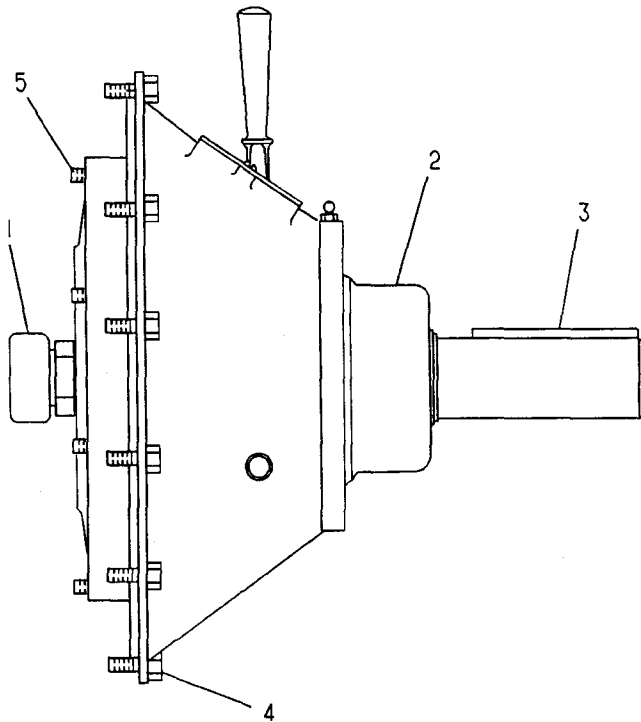
4W2651 POWER TAKE-OFF GP-REAR

4W2650-Page 33

For Use With SAE #2 Flywheel Housing & #306 Pilot Brg. Bore

An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	5P0898	1	BALL BEARING
	2	4P2270	1	CLUTCH GP
	3	4L4866	1	KEY-SQUARE
	4	9B7237	12	BOLT
	5	OL1143	8	BOLT

Y-SEPARATE ILLUSTRATION

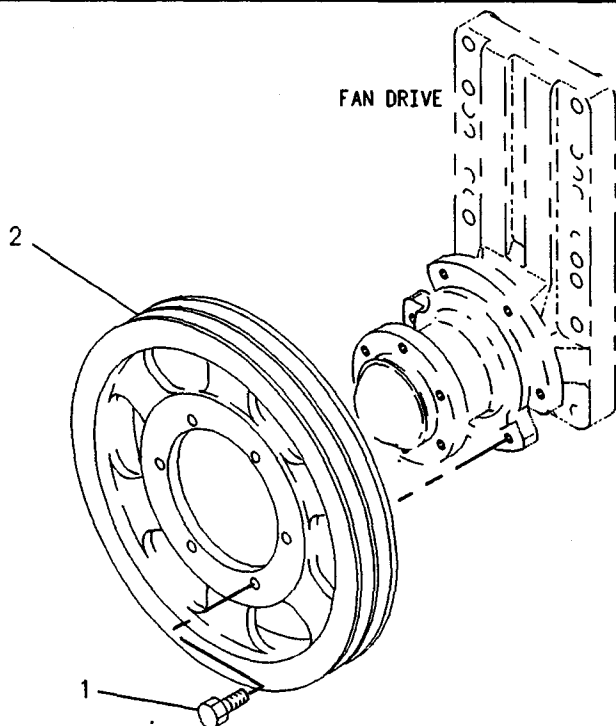
A-538446 EP

1165

6I0415 POWER TAKE-OFF GP-REAR

4P2270-Page 31

For Use With SAE No. 2 Flywheel Housing
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T4908	6	BOLT
	2	9Y4653	1	PULLEY-FAN DRIVE

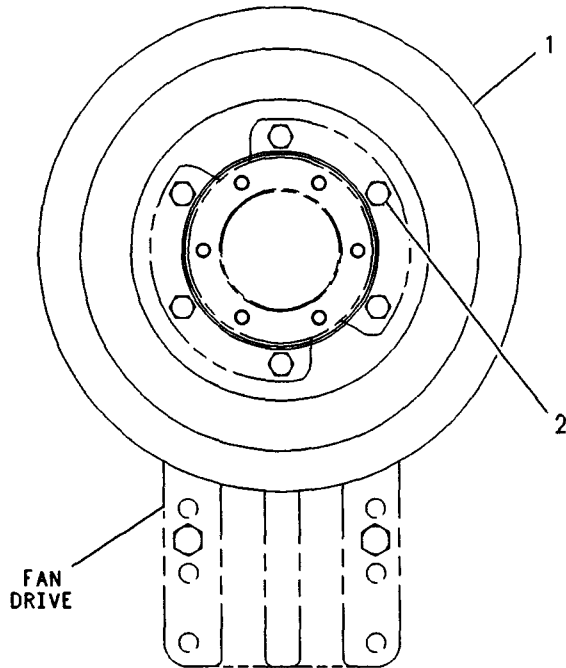
F-564650 EP

1073263 PULLEY GP

Fan Drive

Drives The Fan 0.666 Engine Speed With A 190 Od Crankshaft Pulley
An Attachment

BASIC ENGINE

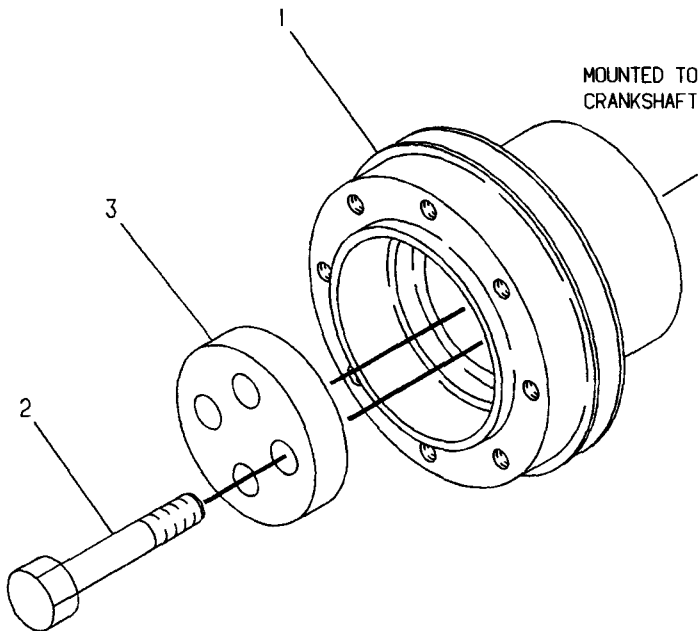


NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E4193	1	PULLEY
	2	8T4908	6	BOLT

M-METRIC PART

F-607496 CP

1166837 PULLEY GP-FAN DRIVE
Drive Ratio 0.68:1
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W3773	1	PULLEY-CRANKSHAFT
	2	8T3666	4	BOLT
	3	2W7381	1	WASHER-CLAMP

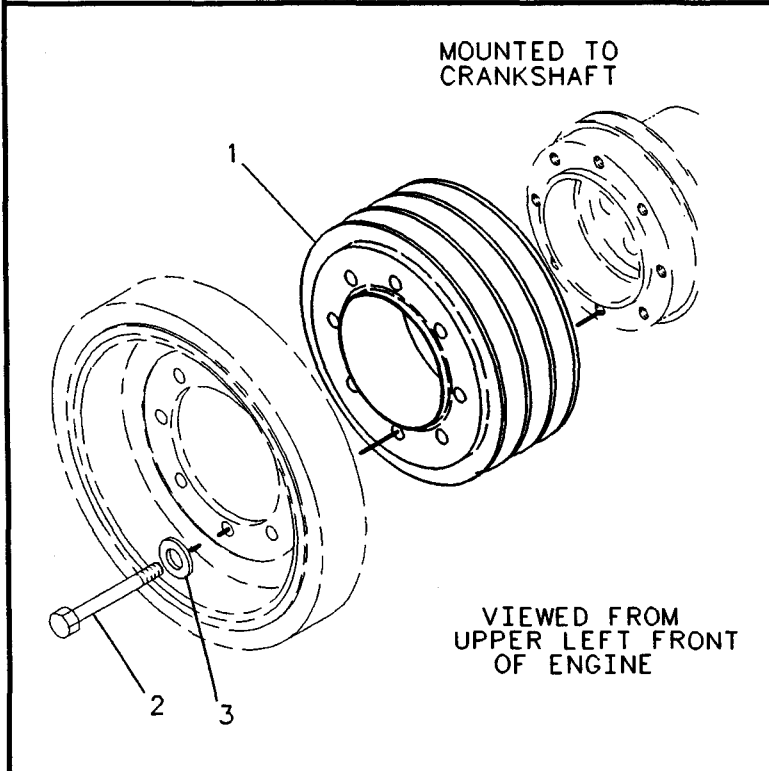
M-METRIC PART

A-406536 EP

1205

4W5429 PULLEY GP-CRANKSHAFT

BASIC ENGINE



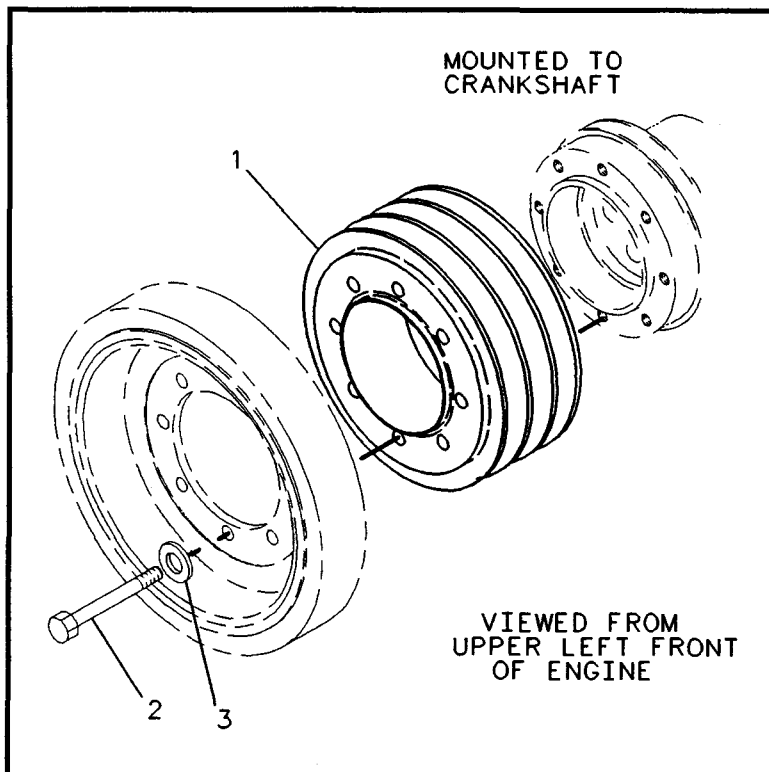
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E1620	1	PULLEY
	2	8T5030	8	BOLT
	3	8T2561	8	WASHER
M-METRIC PART				

F-480939 EP

1205

7E1618 PULLEY GP-CRANKSHAFT

For Use With 99 MM Long Fan Adapter On Stationary Fan Drive & Engine Mounted Radiator, Not For Use With Fan Drive & Base An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y5386	1	PULLEY
	2	8T5030	8	BOLT
	3	6V5839	8	WASHER
M-METRIC PART				

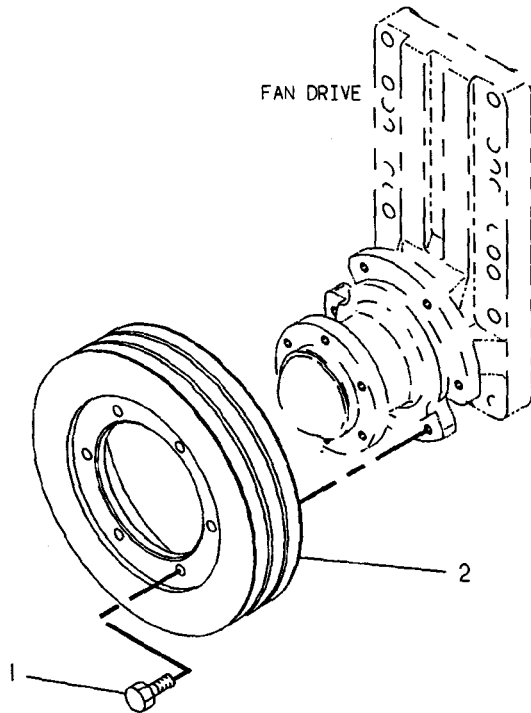
F-480940 EP

1205

7E1619 PULLEY GP-CRANKSHAFT

For Use With 99 MM Long Fan Adapter On Stationary Fan Drive And Engine Mounted Radiator, Not For Use With Fan Drive & Base An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	8T4908	6	BOLT
	2	7C1390	1	PULLEY-FAN DRIVE

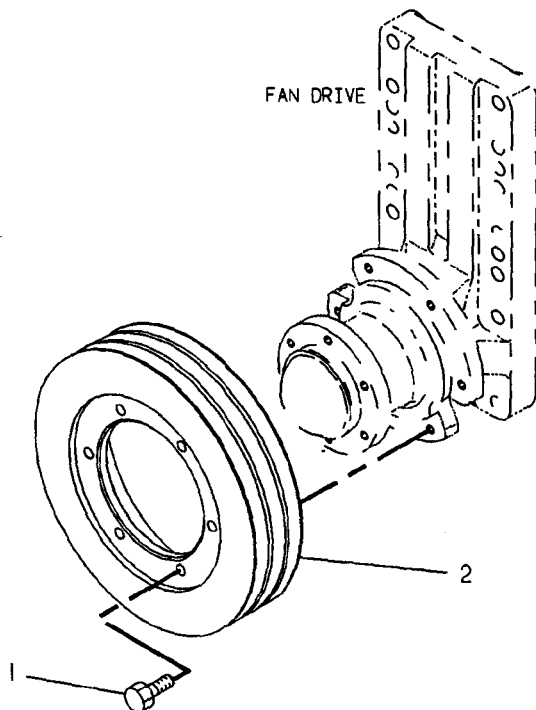
M-METRIC PART

A-495945 EP

1359

9Y0757 PULLEY GP-FAN DRIVE

Drives The Fan .95 Engine Speed With 190 Diameter Crankshaft Pulley
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	8T4908	6	BOLT
	2	7C2515	1	PULLEY-FAN DRIVE

M-METRIC PART

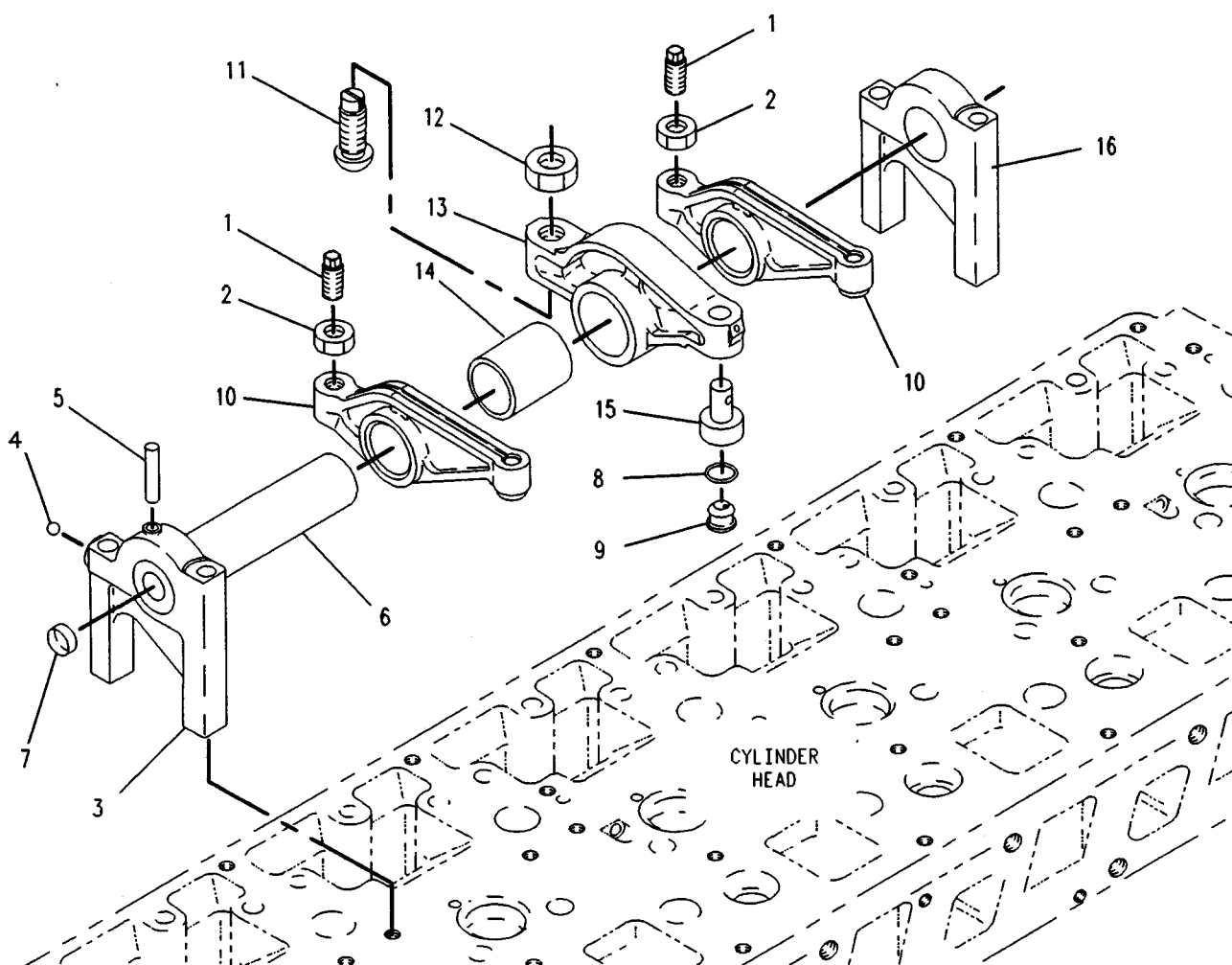
A-500801 EP

1359

9Y0758 PULLEY GP-FAN DRIVE

Drives Fan .826 Engine Speed With A 190 Diameter Crankshaft Pulley
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y4832	2	SCREW-VALVE ADJUSTMENT					
M	2	2Y5829	2	NUT					
	3	4P7790	1	SHAFT AS-ARM					
	4	2D6642	1	BALL					
	5	7M5130	1	PIN					
	6	7W4137	1	SHAFT AS					
	7	OL1026	1	PLUG-CUP					
	8	7W3983	1	RING-RETAINER					
	9	9Y1582	1	BUTTON-ARM					
	10	6IO924	2	ROCKER ARM AS					
	11	9Y4973	1	SCREW-INJECTION ADJUSTMENT					
M	12	7W4117	1	NUT					
	13	1077740	1	ARM AS-UNIT INJECTION					
Z	14		1	BEARING-SLEEVE					
Z	15		1	SOCKET-ARM					
C	16	9Y8534	1	SUPPORT-SHAFT					

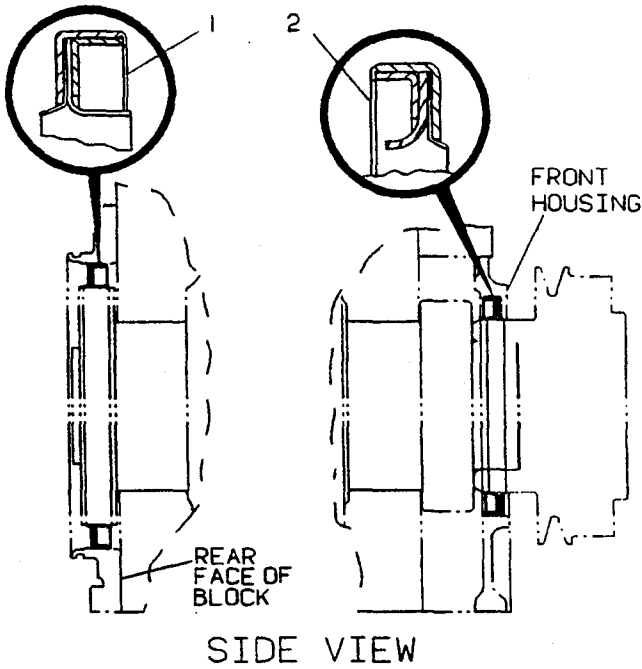
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Z-NOT SERVICED SEPARATELY

F-587621 EP

1102

1077745 ROCKER ARM GP
Part Of 4P4372 Valve Mechanism

BASIC ENGINE

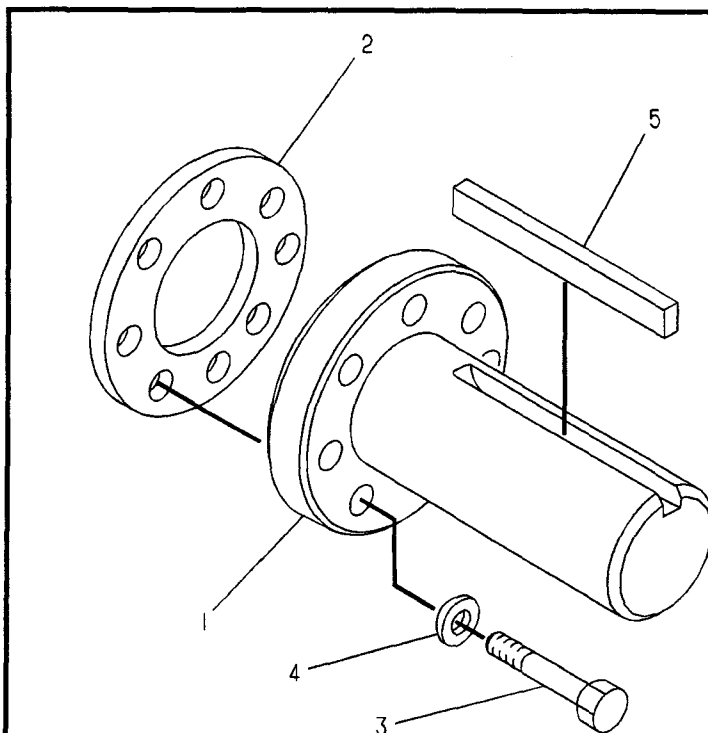


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C3571	1	SEAL GP-CRANKSHAFT
	2	7C4163	1	SEAL GP-CRANKSHAFT

C-581969 EP

1160

4W1016 SEAL GP-CRANKSHAFT



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y4549	1	SHAFT-STUB
	2	9Y4548	1	SPACER
M	3	6V5696	8	BOLT
	4	5P8245	8	WASHER
	5	1D2328	1	KEY

M-METRIC PART

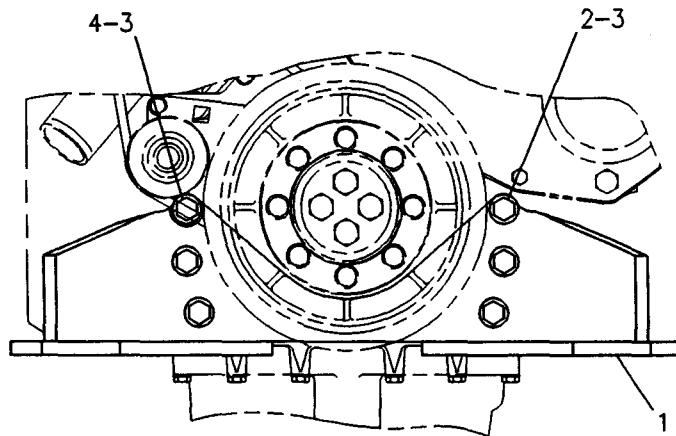
A-455432 EP

1237

9Y4550 SHAFT GP-STUB

For Use With SAE No. 2 Flywheel Housing & 9Y0574 Flywheel &
For Applications Requiring 69.82 MM (2.74 In) Diameter Stub Shaft
An Attachment

BASIC ENGINE



FRONT VIEW

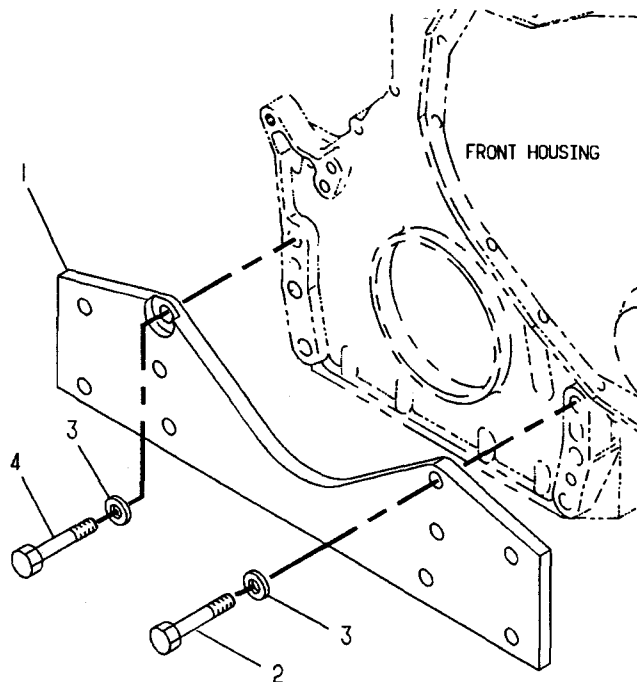
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1005362	1	SUPPORT AS-FRONT
M	2	6V5696	5	BOLT
	3	5P8245	6	WASHER
M	4	6V8336	1	BOLT

M-METRIC PART

F-546357 EP

1153

1005728 SUPPORT GP-ENGINE
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C0907	1	PLATE
M	2	6V5696	5	BOLT
	3	5P8245	6	WASHER
M	4	6V8336	1	BOLT

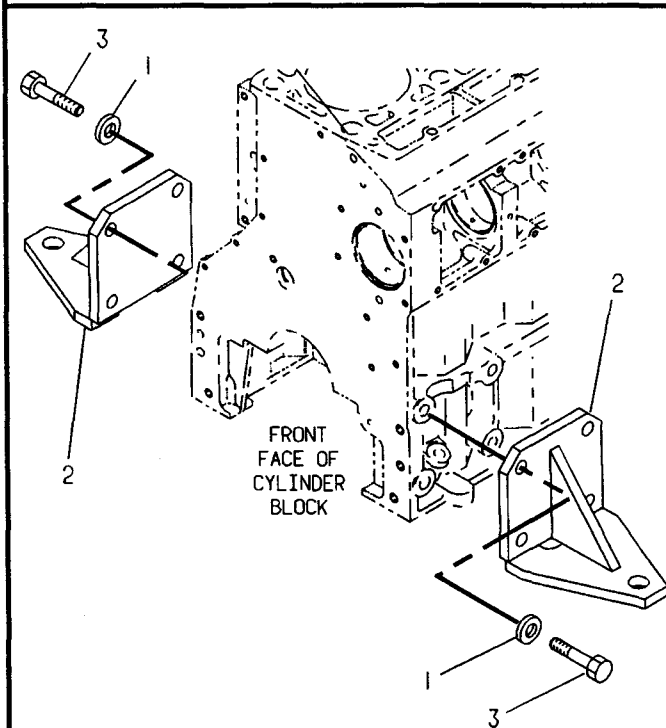
M-METRIC PART

A-406568 EP

1153

7C1687 SUPPORT GP-ENGINE
Provides Front Support Gp Which Contains A Flat
Plate As The Engine Support
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5P8246	8	WASHER-HARD
	2	7C9917	2	SUPPORT AS-ENGINE
	3	6V8550	8	BOLT

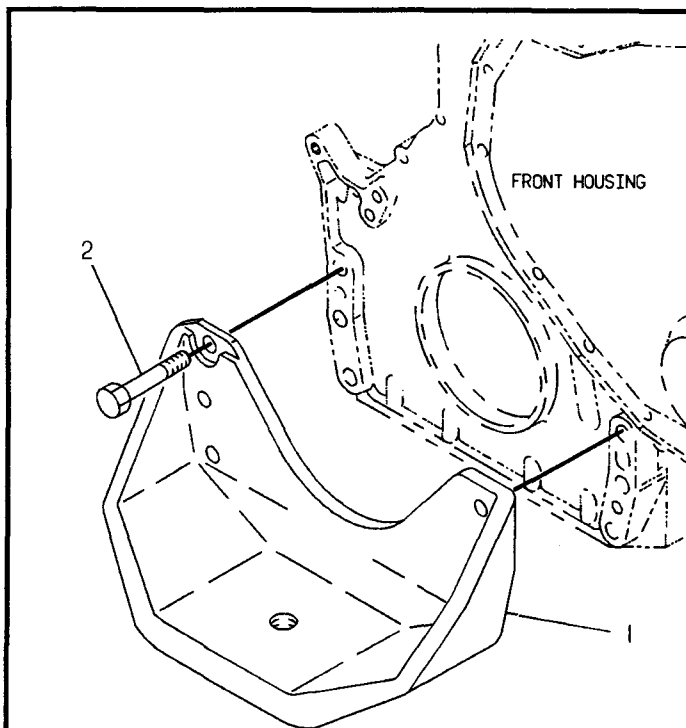
M-METRIC PART

A-454809 EP

1153

7C6996 SUPPORT GP-ENGINE

For Use With Applications Requiring Front Supports At Side Of Block
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E1718	1	SUPPORT
	2	8T6868	6	BOLT

M-METRIC PART

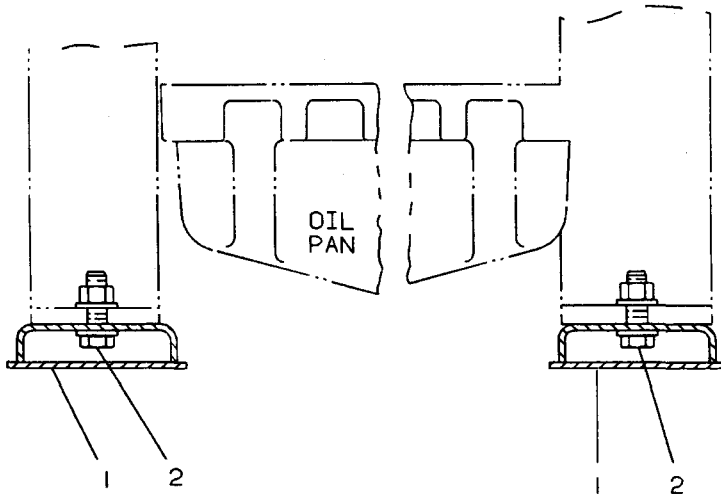
A-474908 EP

1153

7E1717 SUPPORT GP-ENGINE

For Use With Mobile Engines Which Require Single Point Front Mounting
An Attachment

BASIC ENGINE



LEFT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y2106	2	SUPPORT AS
M	2	6V8197	4	BOLT
		5P8245	8	WASHER
M		6V8149	4	NUT

M-METRIC PART

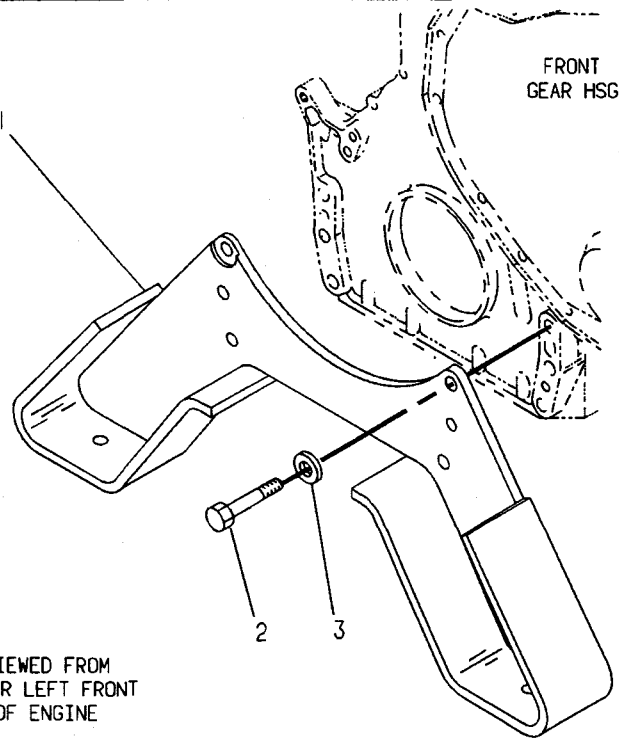
C-473293 EP

1153

7E2770 SUPPORT GP

For Use With Front & Rear Support
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y3528	1	SUPPORT AS-FRONT
	2	8T6868	6	BOLT
	3	8T4223	6	WASHER-HARD

M-METRIC PART

A-457106 EP

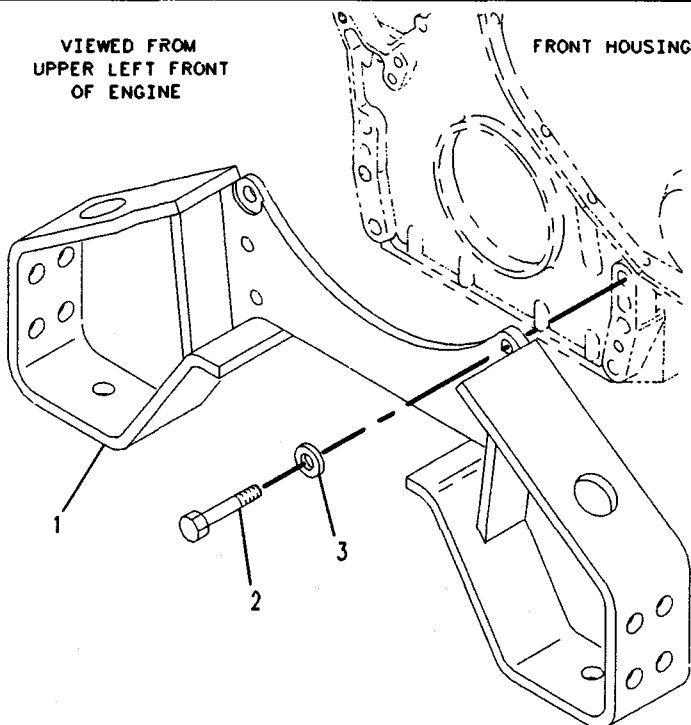
1153

9Y6324 SUPPORT GP-ENGINE

Front

For Use With Industrial Engine Base (Hard Mount)
An Attachment

VIEWED FROM UPPER LEFT FRONT OF ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E1753	1	SUPPORT AS-FRONT
	2	8T6868	6	BOLT
	3	8T4223	6	WASHER-HARD

M-METRIC PART

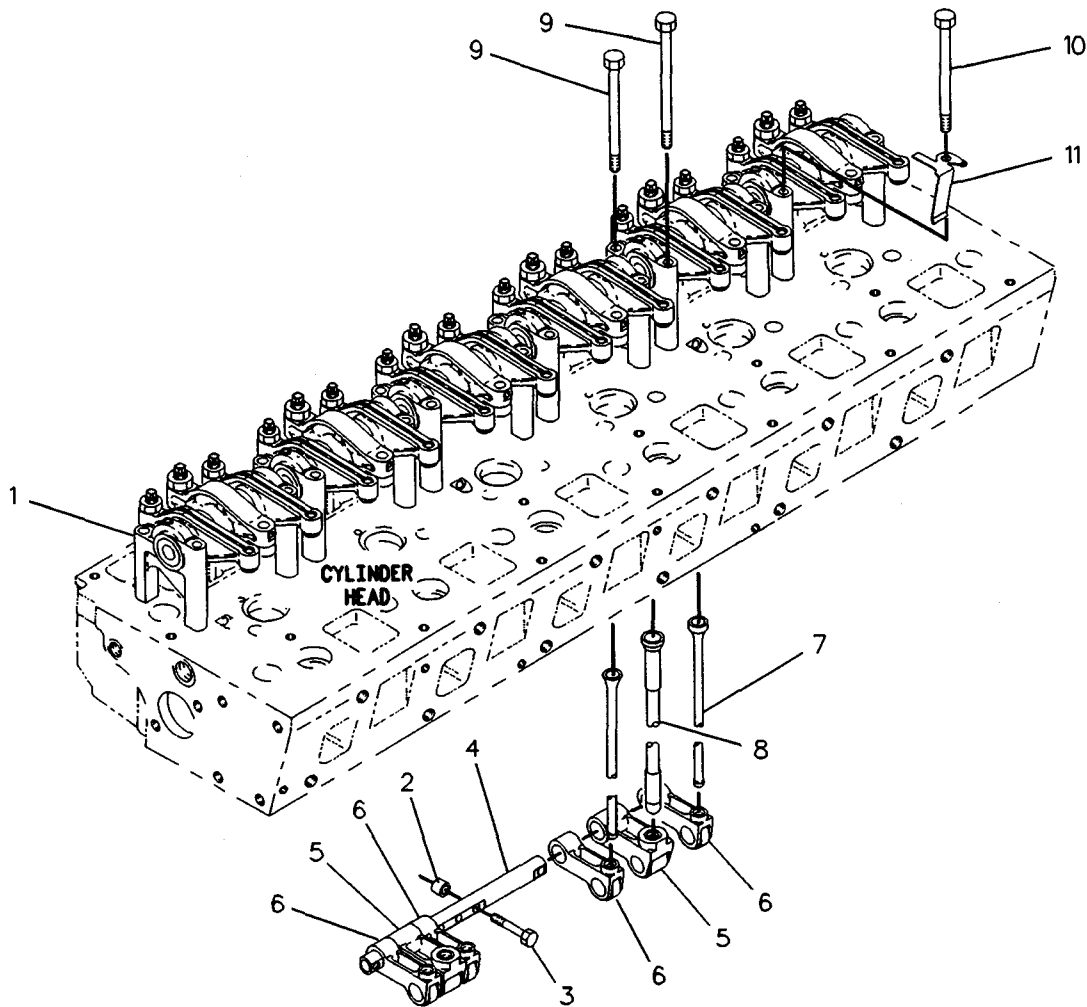
F-473374 EP

1153

9Y7701 SUPPORT GP-ENGINE

For Use With Support Or Base
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	1077745	1	ROCKER ARM GP					
	2	3E9412	6	DOWEL-BUSHING					
M	3	8T8442	12	BOLT-SOCKET HEAD					
	4	7C6078	3	LIFTER GP					
				(EACH INCLUDES)					
		4P7738	1	SHAFT AS-LIFTER					
		2D6642	2	BALL					
	5	7E6794	2	ARM AS-INJECTOR					
	6	7W3989	4	ARM AS-LIFTER					
	7	6I1241	12	PUSHROD					
	8	4P8577	6	ROD AS-INJECTOR					
	9	6V5223	23	BOLT					
M	10	9X6005	1	BOLT-LOCKING					
M	11	7E5984	1	COVER					

M-METRIC PART
Y-SEPARATE ILLUSTRATION

F-598035 CP

1102

4P4372 VALVE MECHANISM GP
1077745-Page 90

BASIC ENGINE

V-BELT SET

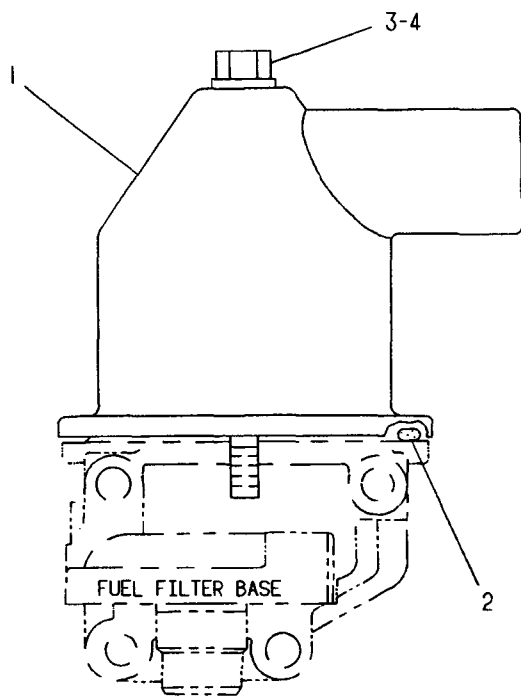
1S1208 1803 MM (71 IN.) LG-INCLUDES 2 BELTS
1S4700 1664 MM (65.5 IN.) LG-INCLUDES 2 BELTS
1S4760 1842 MM (72.5 IN.) LG-INCLUDES 2 BELTS
2S2481 1778 MM (70 IN.) LG-INCLUDES 2 BELTS
3S9653 1727 MM (68 IN.) LG-INCLUDES 3 BELTS
6N3843 1918 MM (75.5 IN.) LG-INCLUDES 2 BELTS
8M8340 1626 MM (64 IN.) LG-INCLUDES 2 BELTS
8M8341 1575 MM (62 IN.) LG-INCLUDES 2 BELTS
8S5154 CONSISTS OF 2 BELTS
9L1127 1448 MM (57 IN) LG-INCLUDES 2 BELTS
9L1129 1702 MM (67 IN) LG-INCLUDES 2 BELTS
9L1557 1397 MM (55 IN) LG-INCLUDES 2 BELTS
688546 1600 MM (63 IN) LG-INCLUDES 2 BELTS
1S1187 1727 MM (68 IN.) LG-INCLUDES 2 BELTS
2S9779 1486 MM (58.50 IN) LG-INCLUDES 2 BELTS
4N8771 1359 MM (53.50 IN) LG-INCLUDES 2 BELTS
9L1106 1524 MM (60 IN) LG-INCLUDES 2 BELTS
9L6646 1588 MM (62.5 IN) LG-INCLUDES 2 BELTS
2N2297 1499 MM (50 IN) LG-INCLUDES 2 BELTS
4W6025 1460 MM (57.48 IN) LG-INCLUDES 2 BELTS
4W8655 1740 MM (68.5 IN) LG-INCLUDES 2 BELTS
4W8729 1689 MM (66.5 IN) LG-INCLUDES 2 BELTS
5N9303 1422 MM (56 IN) LG-INCLUDES 2 BELTS
6L6557 1829 MM (72 IN) LG-INCLUDES 2 BELTS

V-BELT

1N4635 991 MM (39 IN)
4M6291 1054 MM (41 IN) LONG
8N3504 1003 MM (39.5 IN) LONG

V-BELTS

LUBRICATION SYSTEM



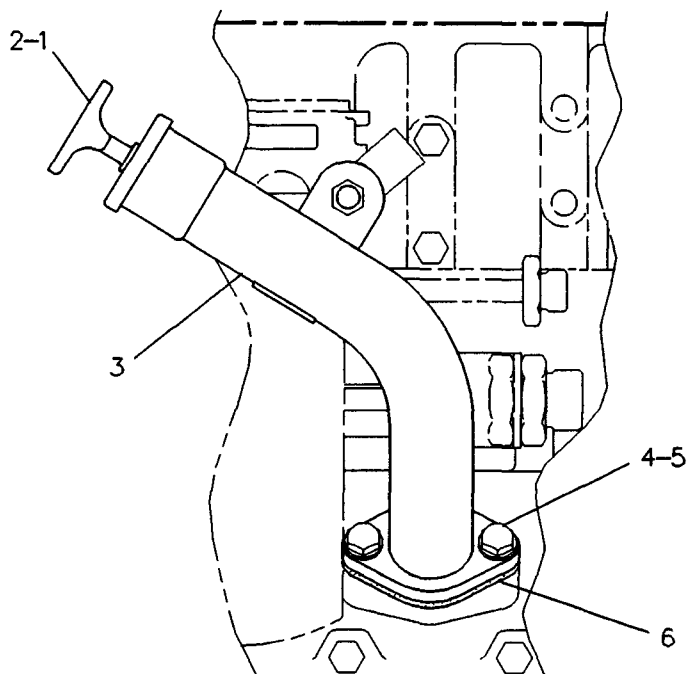
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	2W9162	1	BREATHER AS-CRANKCASE
	2	4L9564	1	SEAL-O-RING
	3	6V3821	1	BOLT (M8X1.25MMX110MM)
	4	9N0869	1	WASHER

M-METRIC PART

A-491289 EP

1317

1N3477 BREATHER GP



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5L2952	1	CAP AS-OIL FILLER
	2	6L2609	1	SEAL-RUBBER
	3	7E3628	1	TUBE AS
	4	6V3940	2	BOLT
	5	9M1974	2	WASHER-HARD
	6	7C0358	1	GASKET

M-METRIC PART

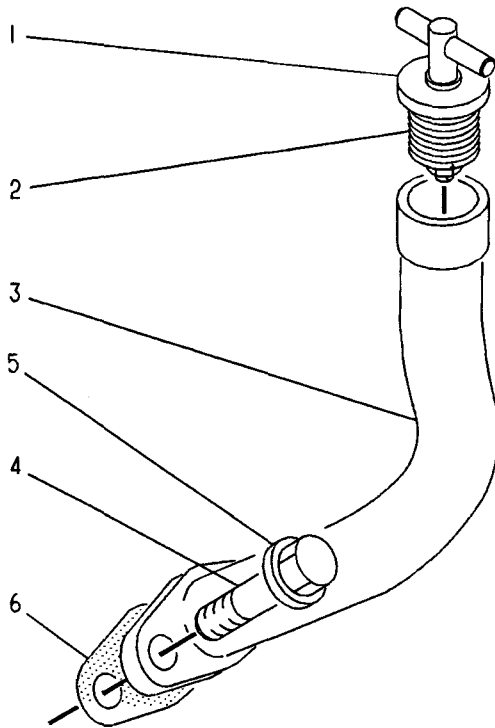
F-530391 EP

1316

7E3626 FILLER GP-OIL

Provides Oil Filler Access From Front Of Engine
An Attachment

LUBRICATION SYSTEM



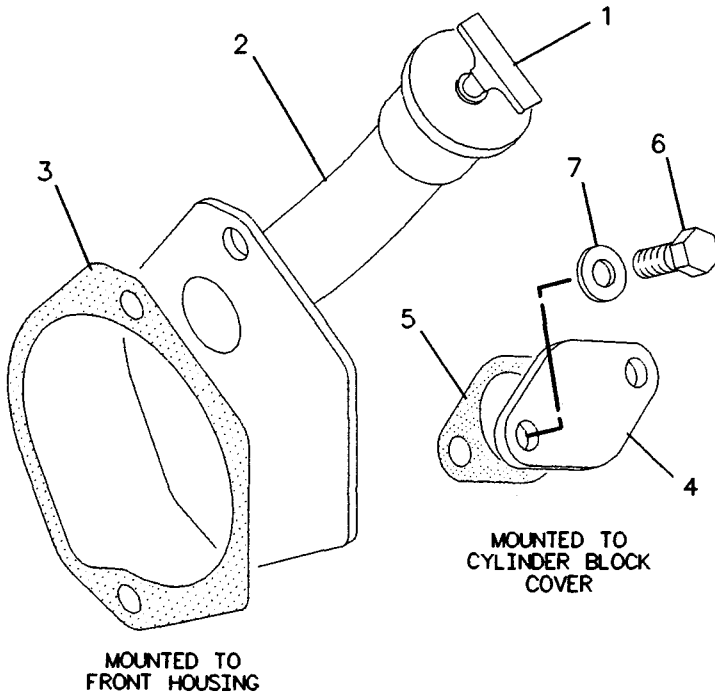
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5L2952	1	CAP AS-OIL FILLER
	2	6L2609	1	SEAL-RUBBER
	3	7C0357	1	TUBE AS
	4	6V3940	2	BOLT
	5	9M1974	2	WASHER-HARD
	6	7C0358	1	GASKET

M-METRIC PART

A-408607 EP

1316

7W5645 FILLER GP-OIL



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5L2952	1	CAP AS-OIL FILLER
	2	6L2609	1	SEAL-RUBBER
	3	7C0714	1	TUBE AS-FILLER
	4	9Y4634	1	GASKET-POWER TAKE-OFF
	5	7C2177	1	COVER
	6	7C0358	1	GASKET
	7	9M1974	2	WASHER-HARD

M-METRIC PART

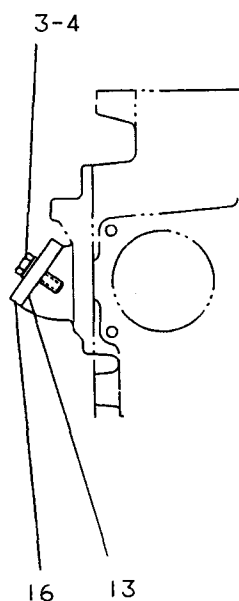
F-471427 EP

1316

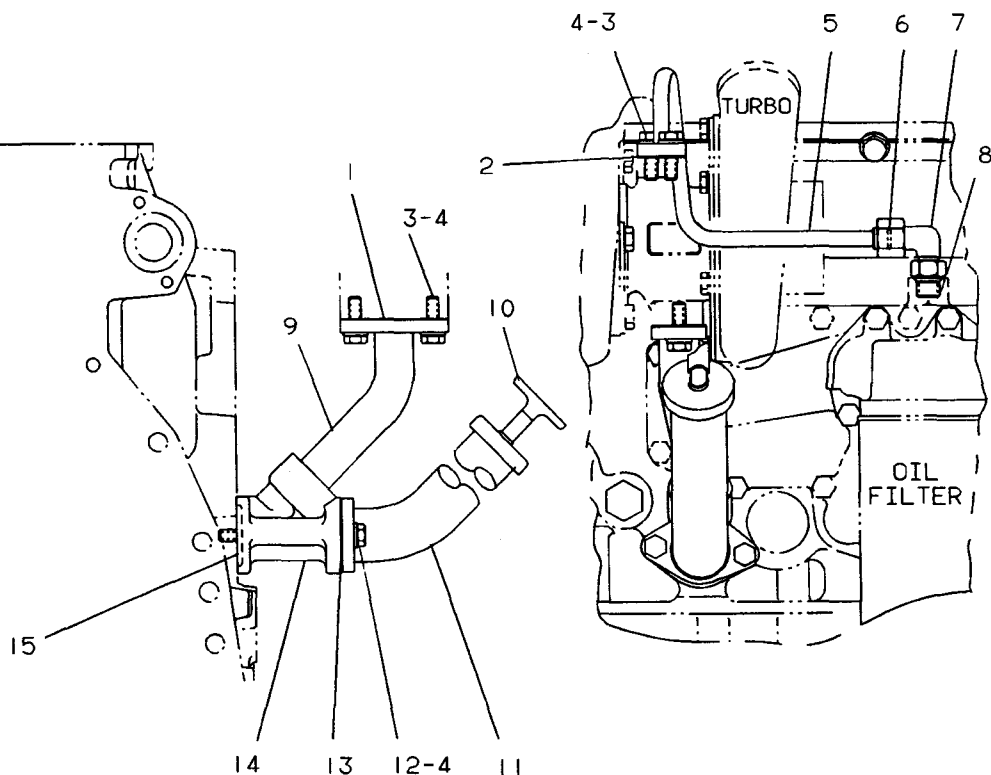
9Y8931 FILLER GP-OIL

Not For Use With Air Compressor Or Hydraulic Pump Drive
An Attachment

LUBRICATION SYSTEM



REAR VIEW



RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W2398	1	GASKET					
	2	1S7057	1	GASKET					
	3	6V3940	6	BOLT					
	4	9M1974	8	WASHER-HARD					
	5	7C3761	1	TUBE AS-OIL					
	6	6V8397	1	SEAL-O-RING					
	7	6V8724	1	ELBOW					
	8	3J1907	1	SEAL-O-RING					
	9	9Y8994	1	TUBE AS					
		9M4849	1	SEAL-O-RING					
M	10	9L8439	1	CAP-OIL FILLER					
	11	7C9197	1	TUBE AS					
	12	8T0292	2	BOLT					
	13	7C0358	2	GASKET					
	14	7C5898	1	ADAPTER					
	15	4F7391	1	SEAL-O-RING					
	16	7C2177	1	COVER					

M-METRIC PART

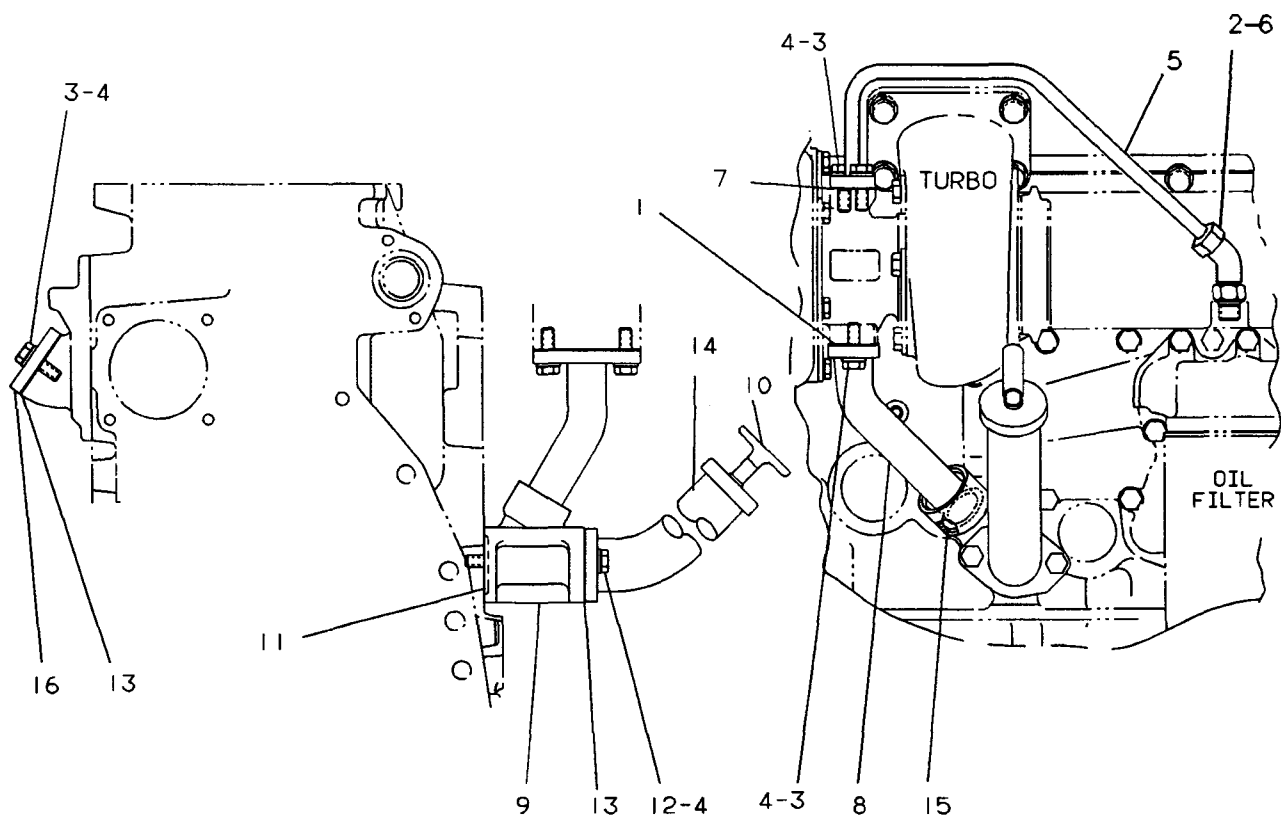
C-469988 EP

1316

9Y8992 FILLER GP-OIL

For Use With Rear Exhaust Turbocharger
An Attachment

LUBRICATION SYSTEM



REAR VIEW

RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C M C	1	7W2398	1	GASKET					
	2	6V8397	1	SEAL-O-RING					
	3	6V9001	1	ELBOW					
	4	6V3940	6	BOLT					
	5	9M1974	8	WASHER-HARD					
	6	4P2757	1	TUBE AS-OIL					
	7	3J1907	1	SEAL-O-RING					
	8	1S7057	1	GASKET					
	9	7C0748	1	TUBE AS					
	10	9Y9179	1	ADAPTER					
	11	9L8439	1	CAP-OIL FILLER					
	12	4F7391	1	SEAL-O-RING					
	13	8T0292	2	BOLT					
	14	7C0358	2	GASKET					
	15	7C9197	1	TUBE AS					
	16	9M4849	1	SEAL-O-RING					
		7C2177	1	COVER					

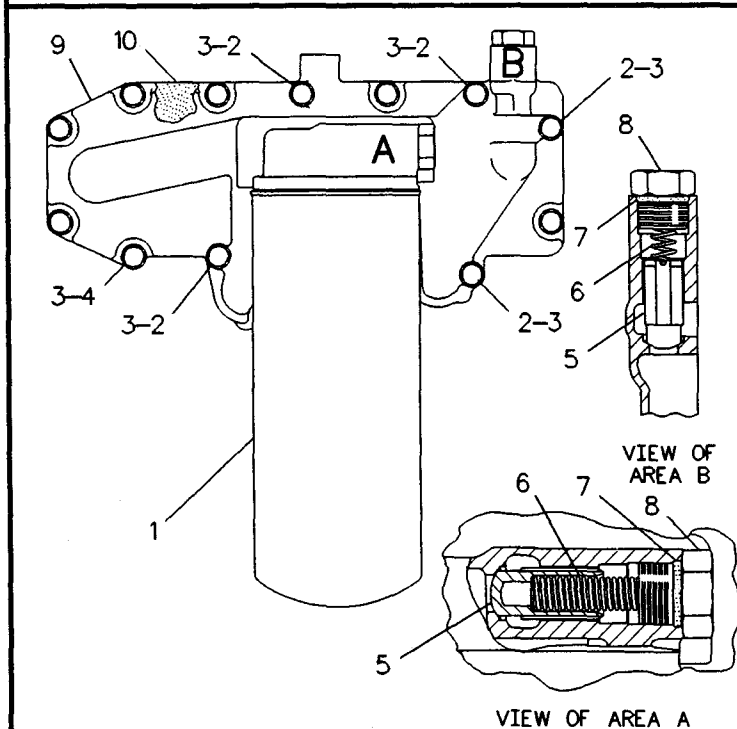
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

R-502763 EP

1316

9Y8993 FILLER GP-OIL
For Use With Front Exhaust Turbocharger
An Attachment

LUBRICATION SYSTEM



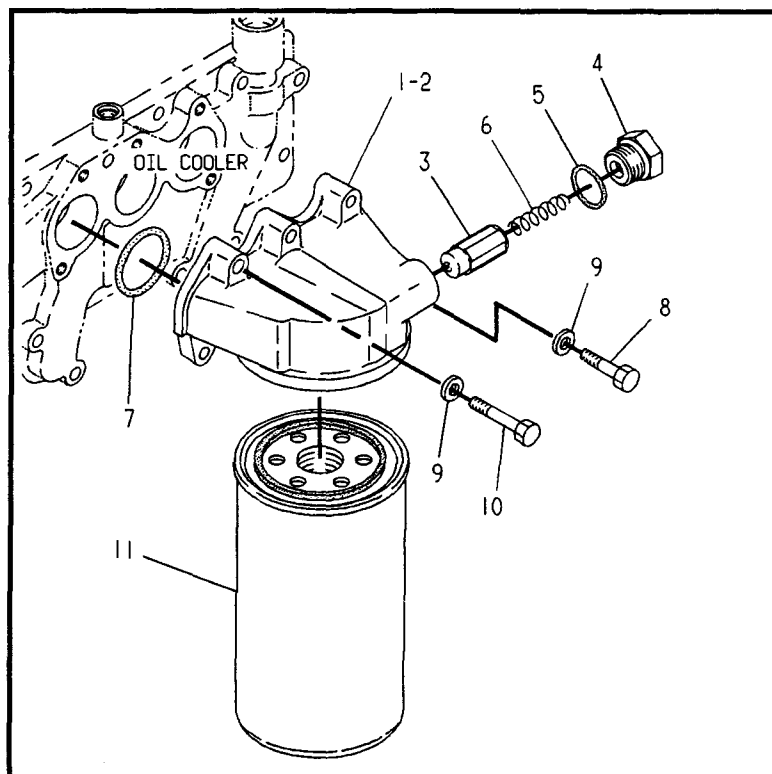
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	1R0739	1	FILTER AS-OIL
	2	8T0276	5	BOLT
	3	9M1974	15	WASHER-HARD
M	4	6V2317	10	BOLT
	5	7C1493	2	VALVE-BYPASS
	6	9L9188	2	SPRING-VALVE
	7	2M9780	2	SEAL-O-RING
	8	5P8196	2	PLUG-O-RING
	9	4P8182	1	BASE AS-OIL FILTER
	10	2P2537	1	STUD-HOLLOW
		7E9817	1	GASKET

M-METRIC PART

F-538038 EP

1318

4P8183 FILTER GP-ENGINE OIL



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W9028	1	BASE AS-OIL
	2	2P2537	1	STUD-HOLLOW
	3	7C1493	1	VALVE-BYPASS
	4	5P8196	1	PLUG-O-RING
	5	2M9780	1	SEAL-O-RING
	6	9L9188	1	SPRING-VALVE
	7	5F9657	3	SEAL-O-RING
	8	6V2317	2	BOLT
	9	9M1974	5	WASHER-HARD
	10	6V5219	3	BOLT
	11	1R0739	1	FILTER AS-OIL

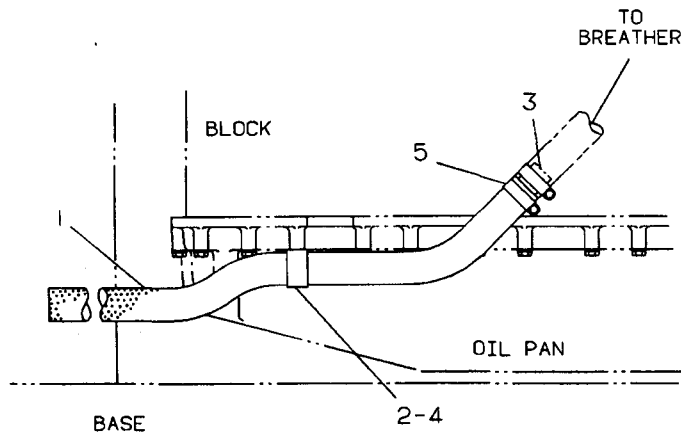
M-METRIC PART

A-546707 EP

1318

7C0271 FILTER GP-ENGINE OIL
An Attachment

LUBRICATION SYSTEM



LEFT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	5N5566	1	HOSE
C	2	7D7233	1	CLIP
	3	5K0749	1	TUBE
	4	8T4224	1	WASHER-HARD
	5	2S3440	2	CLAMP-HOSE

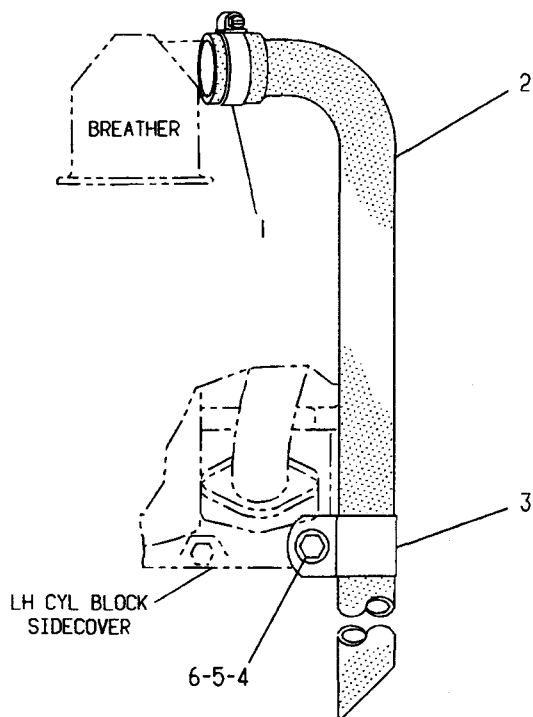
C-CHANGE FROM PREVIOUS TYPE

C-483691 EP

1317

7C7080 FUMES DISPOSAL GP

For Use With Prime Power & Standby Package Generator Sets &
Stationary Engines With Blower Fans
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9M2904	1	CLAMP-HOSE
	2	7C0952	1	HOSE-DISPOSAL
	3	4D7388	1	CLIP
M	4	6V3918	1	BOLT (M8X1.25X50MM)
	5	9M1974	1	WASHER-HARD (2MM THK)
	6	392281	1	SPACER

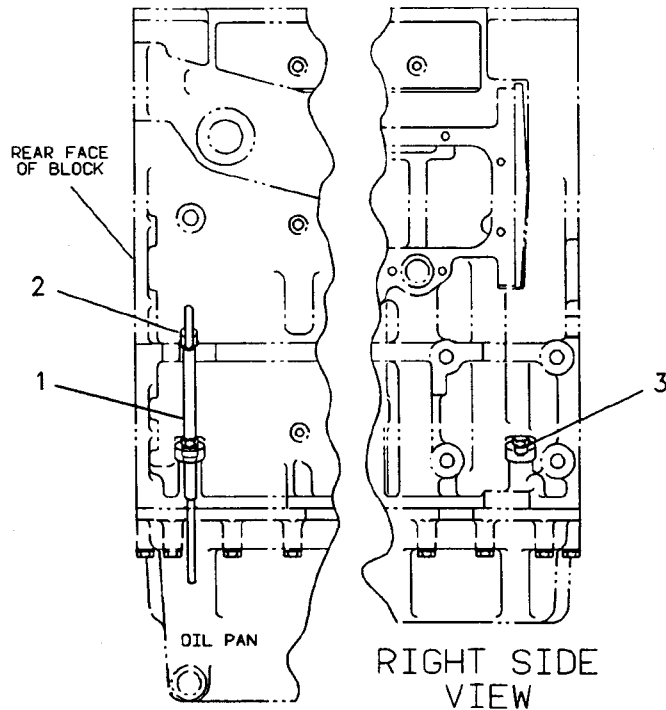
M-METRIC PART

A-406547 EP

1317

7W8420 FUMES DISPOSAL GP

LUBRICATION SYSTEM



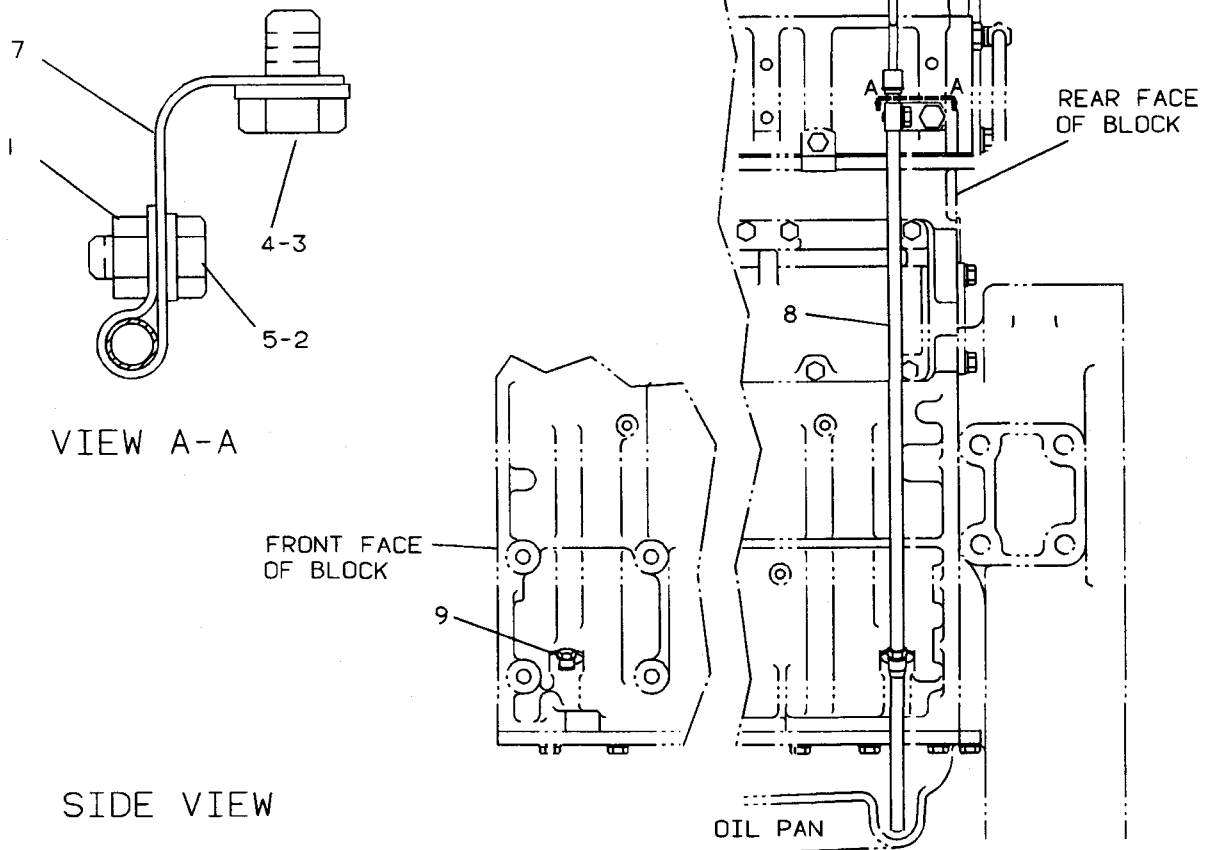
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9Y7069	1	TUBE AS-OIL GAUGE
		8F8997	1	NUT-FITTING
	2	1068634	1	GAUGE-OIL LEVEL (DIPSTICK)
	3	1S2563	3	PLUG

R-564686 EP

1326

1068633 GAUGE GP-OIL LEVEL (DIPSTICK)

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5P7970	1	NUT					
	2	9M1974	2	WASHER-HARD					
	3	6V5839	1	WASHER					
M	4	6V8212	1	BOLT					
M	5	6V5217	1	BOLT					
	6	1129100	1	GAUGE-OIL LEVEL (DIPSTICK)					
	7	7C0874	1	CLIP					
	8	9Y8236	1	TUBE AS-GUIDE					
		8F8997	1	NUT-FITTING					
	9	1S2563	3	PLUG					

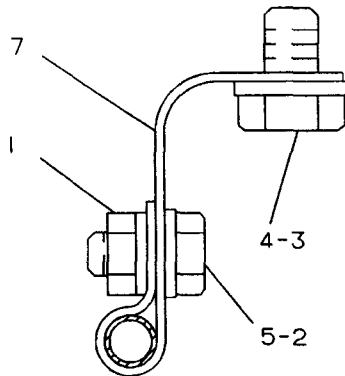
M-METRIC PART

C-585732 EP

1326

1129099 GAUGE GP-OIL LEVEL (DIPSTICK)
An Attachment

LUBRICATION SYSTEM

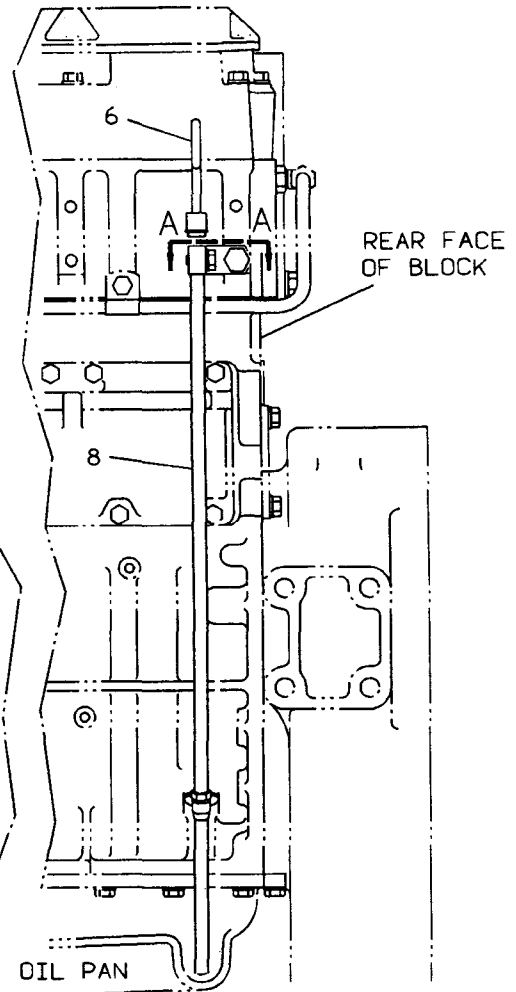


VIEW A-A

FRONT FACE
OF BLOCK

9

SIDE VIEW



REAR FACE
OF BLOCK

OIL PAN

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	5P7970	1	NUT					
	2	9M1974	2	WASHER-HARD					
	3	6V5839	1	WASHER					
M	4	6V8212	1	BOLT					
M	5	6V5217	1	BOLT					
	6	4P4436	1	GAUGE-OIL LEVEL (DIPSTICK)					
	7	7C0874	1	CLIP					
	8	9Y8236	1	TUBE AS-GUIDE					
	9	1S2563	3	PLUG					

M-METRIC PART

C-525527 EP

1326

4P4437 GAUGE GP-OIL LEVEL (DIPSTICK)

For Use With Center Sump Oil Pan, Left Rear Block Location
An Attachment

LUBRICATION SYSTEM

REAR FACE
OF BLOCK

2

3

OIL PAN

RIGHT SIDE
VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1S2563	3	PLUG
	2	6I2082	1	GAUGE-OIL LEVEL (DIPSTICK)
	3	9Y7069	1	TUBE AS-OIL GAUGE

C-529047 EP

C-529047 EP

1326

6I2081 GAUGE GP-OIL LEVEL (DIPSTICK)
For Use With Shallow Sump Oil Pan
An Attachment

REAR FACE
OF BLOCK

2

3

OIL PAN

RIGHT SIDE
VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1S2563	3	PLUG
	2	6I2682	1	GAUGE
	3	9Y7069	1	TUBE AS-OIL GAUGE

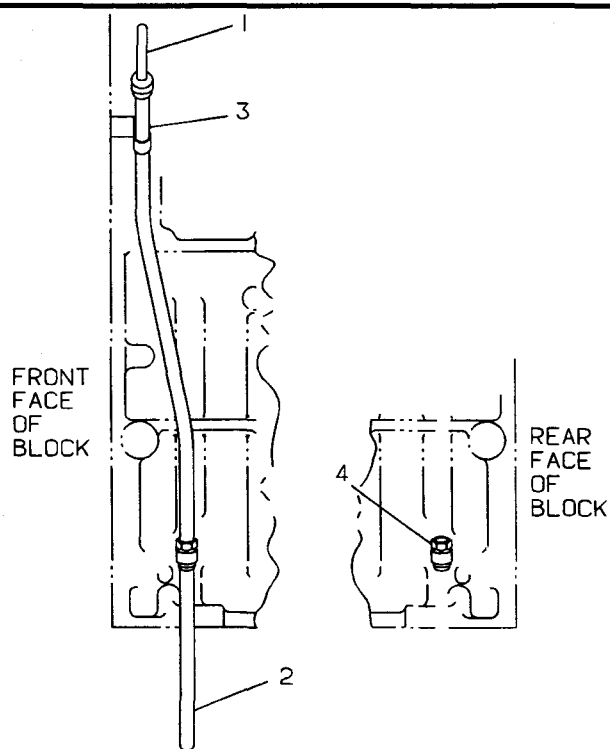
C-532485 EP

C-532485 EP

1326

6I2681 GAUGE GP-OIL LEVEL (DIPSTICK)
For Use With Center Sump Oil Pan
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	6I2684	1	GAUGE
	2	7C0709	1	TUBE AS-GUIDE
	3	1F7567	1	CLIP
	4	1S2563	3	PLUG

B-USE AS REQUIRED

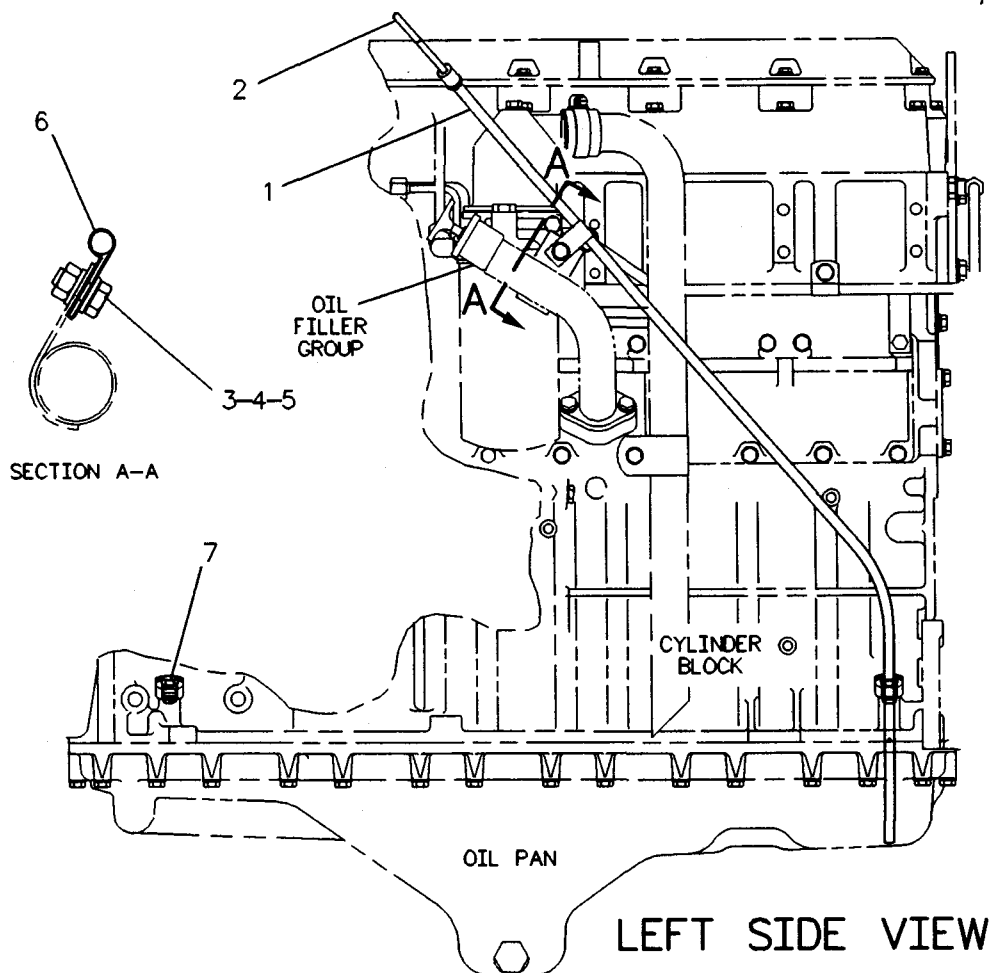
C-532490 EP

1326

6I2683 GAUGE GP-OIL LEVEL (DIPSTICK)

For Use With Center Sump Oil Pan & Left Front Block Location
Not For Use With Air Compressor Or Hydraulic Pump Drive
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y6097	1	TUBE AS					
	2	6I2686	1	GAUGE					
M	3	6V5217	1	BOLT					
	4	3E4352	2	WASHER-HARD					
	5	5P7970	1	NUT					
	6	9S4200	1	CLIP					
	7	1S2563	3	PLUG					

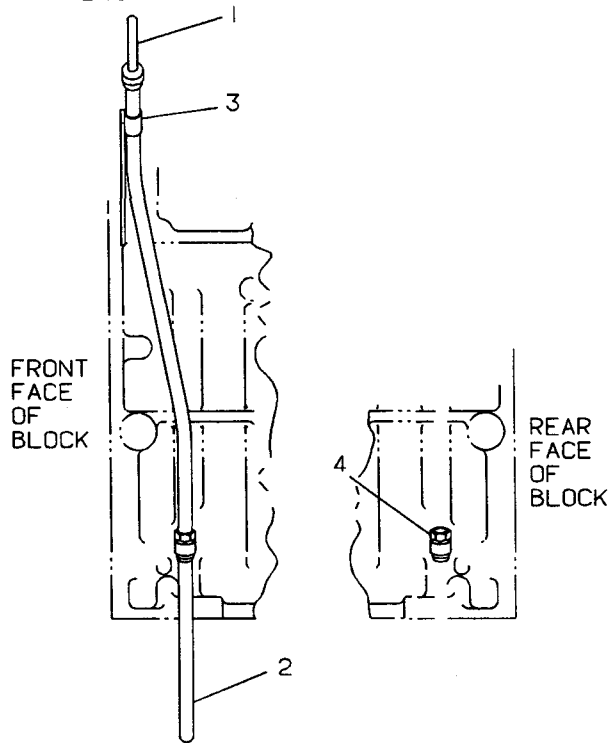
M-METRIC PART

R-585395 EP

1326

6I2685 GAUGE GP-OIL LEVEL (DIPSTICK)
For Use With Center Sump Oil Pan With Oil Filler
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	6I2692	1	GAUGE
	2	7C0709	1	TUBE AS-GUIDE
	3	1F7567	1	CLIP
	4	1S2563	3	PLUG

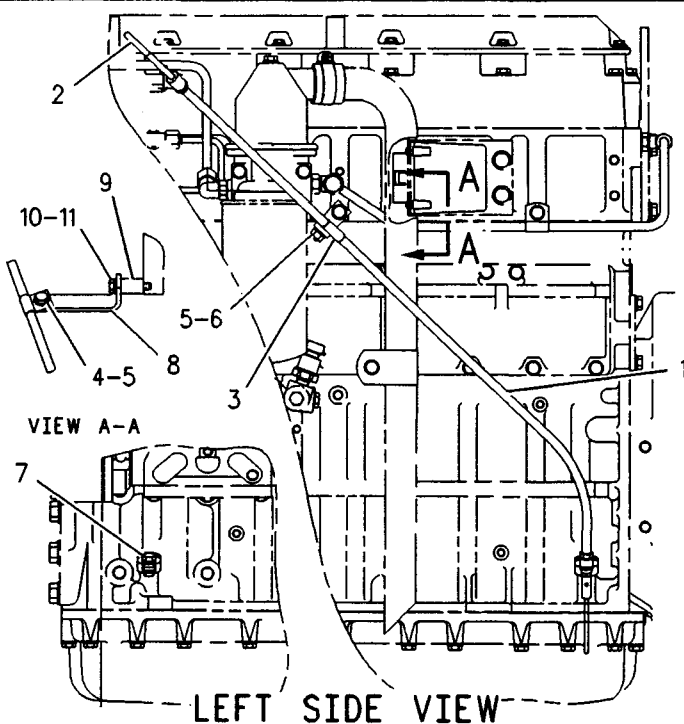
B-USE AS REQUIRED

C-532489 EP

1326

6I2691 GAUGE GP-OIL LEVEL (DIPSTICK)

For Use With Shallow Sump Oil Pan & Left Front Block Location
Not For Use Air Compressor Or Hydraulic Pump Drive
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y6097	1	TUBE AS
		8F8997	1	NUT-FITTING
	2	4P1612	1	GAUGE-OIL LEVEL (DIPSTICK)
	3	2H7829	1	CLIP
	4	8T4189	1	BOLT (M8X1.25X20MM)
	5	8T4224	2	WASHER-HARD (2MM THK)
	6	5C7261	1	NUT (M8X1.25 THD)
	7	1S2563	3	PLUG
	8	4P0702	1	BRACKET
	9	392281	1	SPACER
	10	5P4116	1	WASHER (2MM THK)
	11	8T4197	1	BOLT (M8X1.25X40MM)

M-METRIC PART

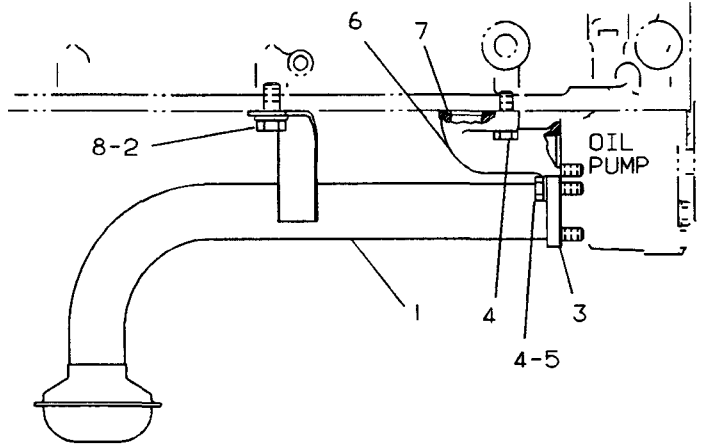
F-607364 CP

1326

7E9916 GAUGE GP-OIL LEVEL (DIPSTICK)

For Use With Left Rear Oil Gauge & No Left Side Oil Fill
Provides 0 Degree Roll & 0 Degree Tilt
An Attachment

LUBRICATION SYSTEM



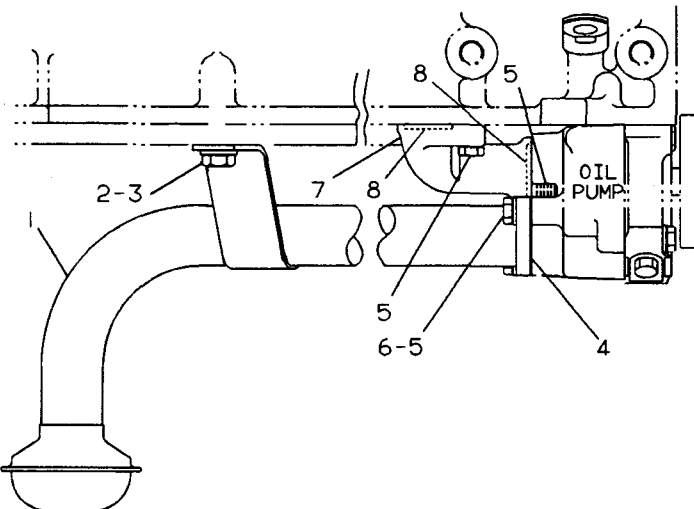
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W5341	1	TUBE AS
	2	6V3822	1	BOLT (M10X1.50X35MM)
		9M4136	1	SPACER
M				-OR-
		6V4248	1	BOLT (M10X1.50X25MM)
M	3	7W5340	1	GASKET
	4	6V3940	4	BOLT
	5	9M1974	2	WASHER-HARD
	6	4W2232	1	ELBOW-OUTLET
	7	3P1156	2	SEAL-O-RING
	8	6V5839	1	WASHER

M-METRIC PART

R-496120 EP

1307

4W2914 LINES GP-ENGINE OIL
An Attachment



SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C6518	1	TUBE AS
	2	6V5839	1	WASHER
	3	6V4248	1	BOLT
M	4	7W5340	1	GASKET
	5	6V3940	4	BOLT
	6	9M1974	2	WASHER-HARD
	7	4W2232	1	ELBOW-OUTLET
	8	3P1156	2	SEAL-O-RING

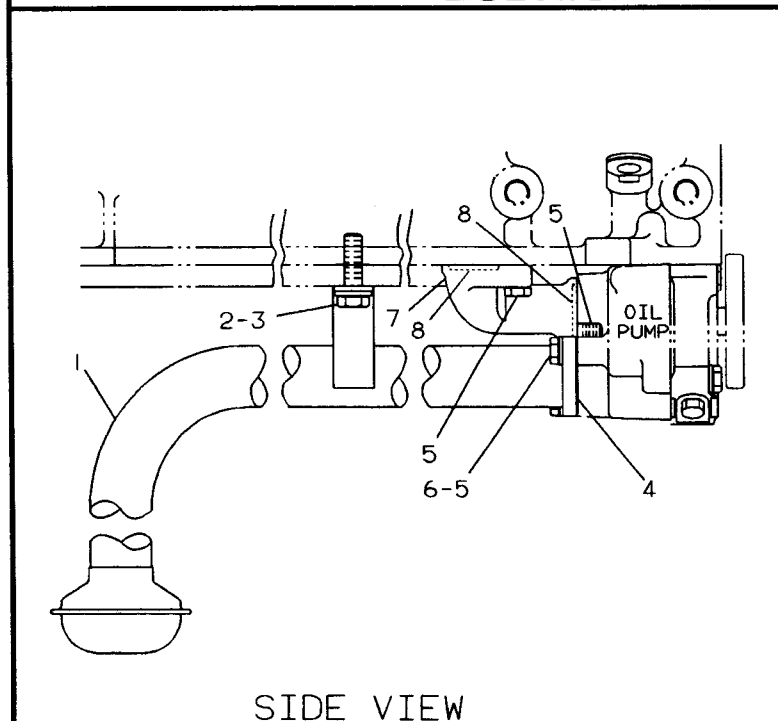
M-METRIC PART

R-500229 EP

1307

7C6519 LINES GP-ENGINE OIL
For Use With Shallow Sump Oil Pan
An Attachment

LUBRICATION SYSTEM



SIDE VIEW

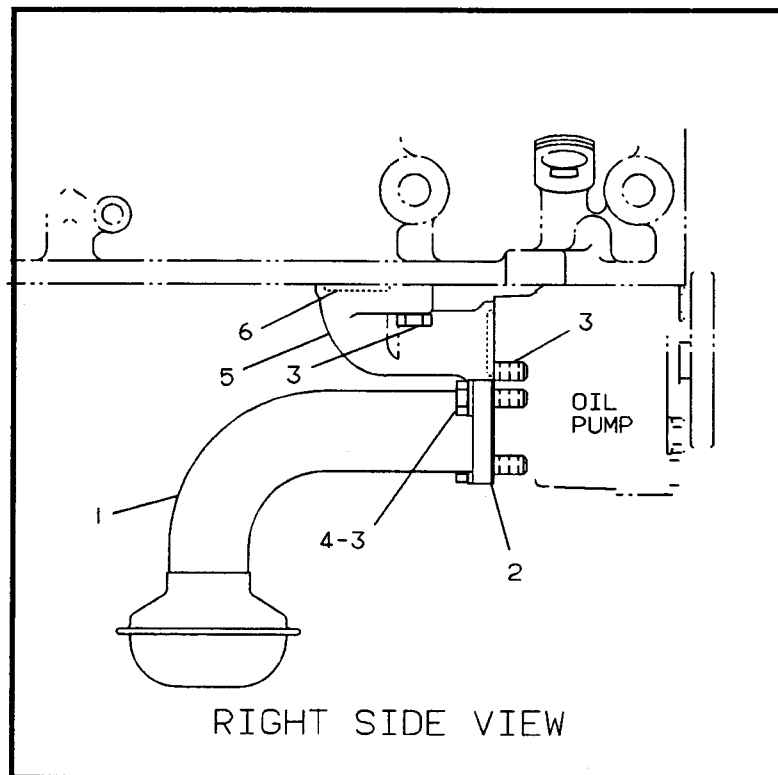
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9Y9854	1	TUBE AS-OIL SUCTION
	2	6V5839	2	WASHER
	3	6V4248	2	BOLT
	4	7W5340	1	GASKET
	5	6V3940	4	BOLT
	6	9M1974	2	WASHER-HARD
	7	4W2232	1	ELBOW-OUTLET
	8	3P1156	2	SEAL-O-RING

M-METRIC PART

C-497969 EP

1307

7E2315 LINES GP-ENGINE OIL
Rear Sump



RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7E6427	1	TUBE AS
	2	7W5340	1	GASKET
	3	6V3940	4	BOLT
	4	9M1974	2	WASHER-HARD
	5	4W2232	1	ELBOW-OUTLET
	6	3P1156	2	SEAL-O-RING

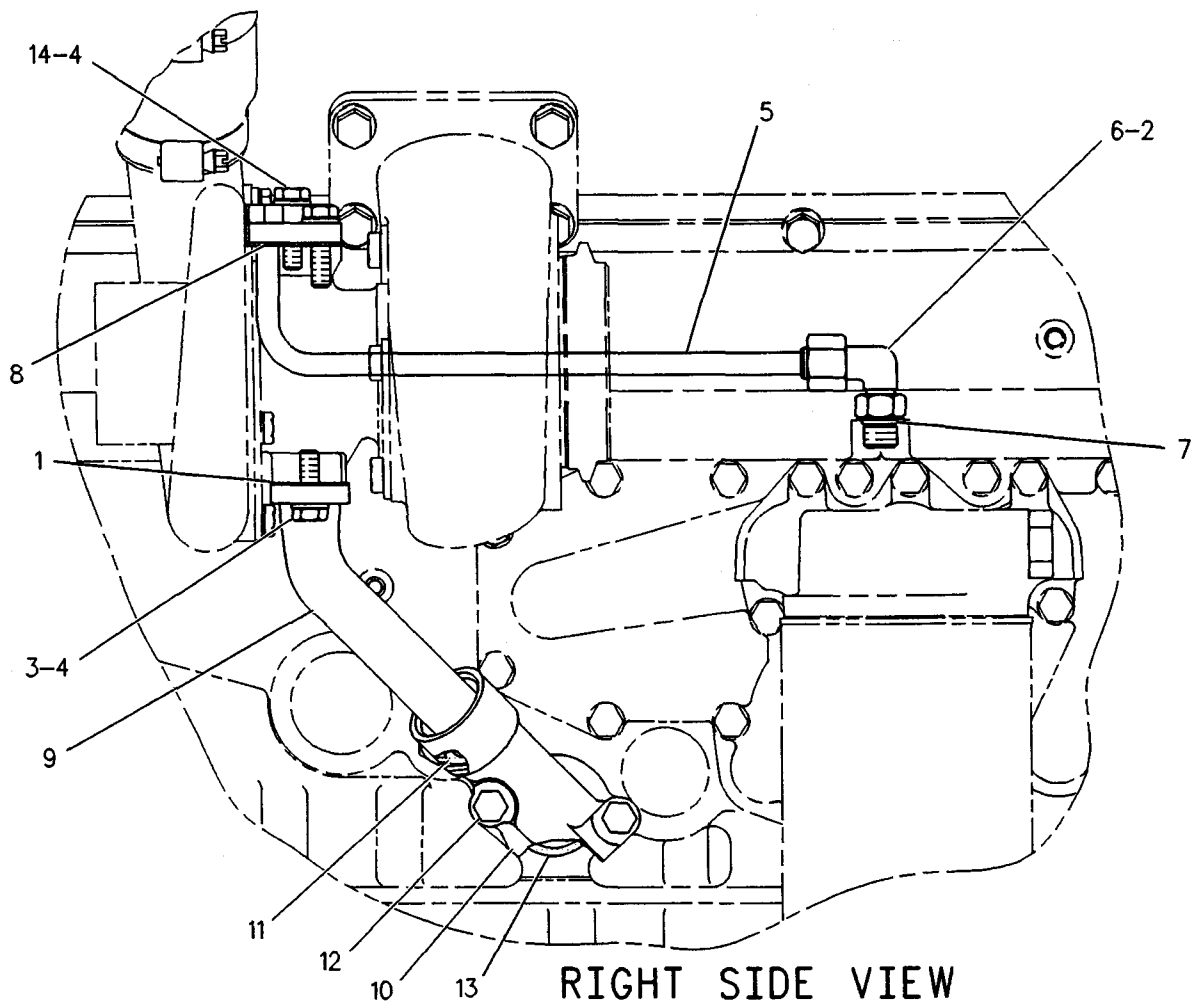
M-METRIC PART

C-480574 EP

1307

7E6302 LINES GP-ENGINE OIL
Front Sump

LUBRICATION SYSTEM



RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W2398	1	GASKET					
	2	6V8397	1	SEAL-O-RING					
M	3	6V3940	2	BOLT					
	4	9M1974	4	WASHER-HARD					
	5	1192919	1	TUBE AS					
	6	6V8724	1	ELBOW					
	7	3J1907	1	SEAL-O-RING					
	8	1S7057	1	GASKET					
	9	7C0748	1	TUBE AS					
	10	7C1958	1	ADAPTER					
	11	9M4849	1	SEAL-O-RING					
M	12	8T0276	2	BOLT					
	13	4F7391	1	SEAL-O-RING					
M	14	6V2317	2	BOLT					

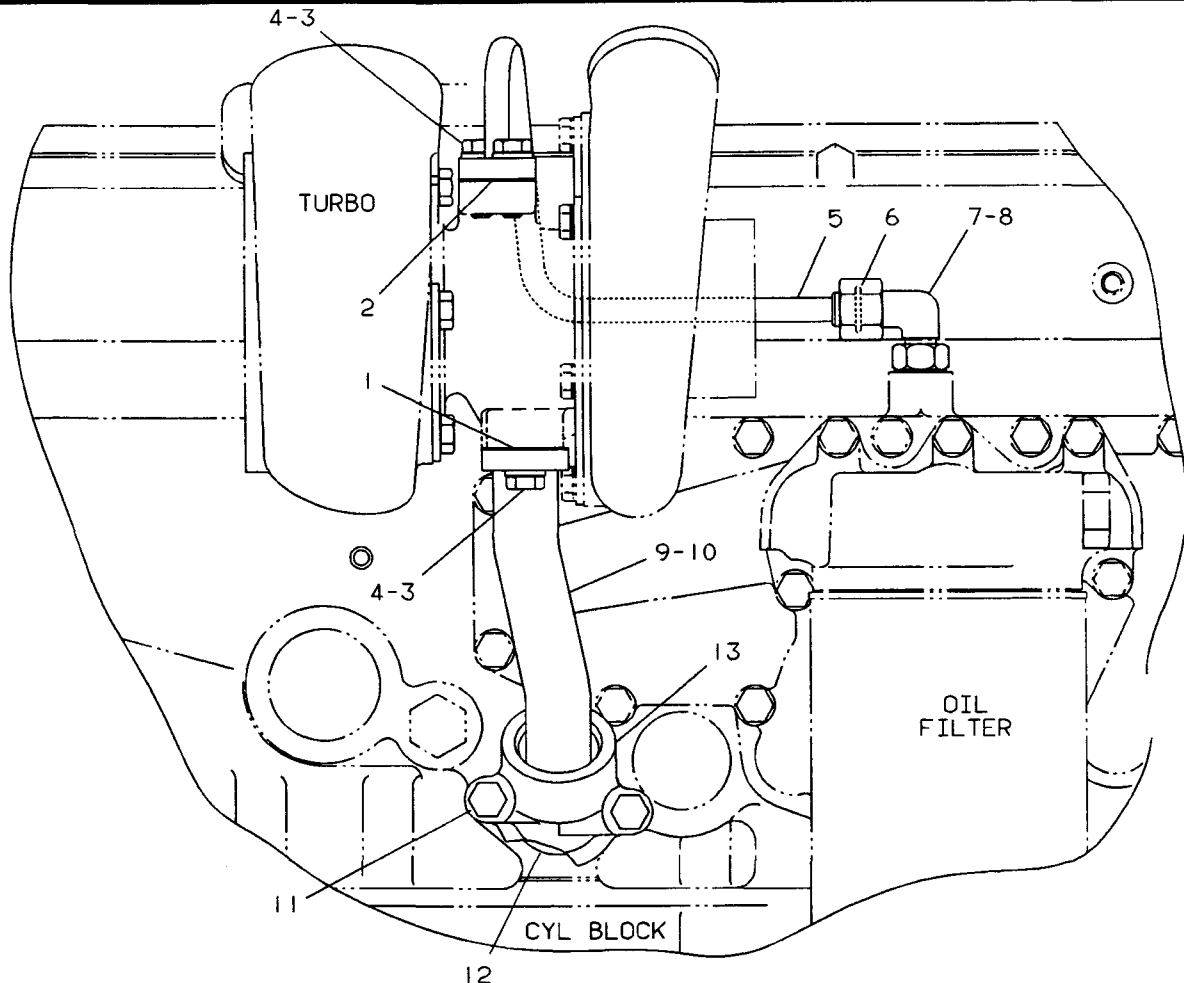
M-METRIC PART

F-596201 EP

1307

4P7703 LINES GP-TURBOCHARGER OIL

LUBRICATION SYSTEM



RIGHT SIDE VIEW OF ENGINE

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W2398	1	GASKET					
	2	1S7057	1	GASKET					
	3	6V3940	4	BOLT					
	4	9M1974	4	WASHER-HARD					
	5	7E5196	1	TUBE AS					
	6	6V8397	1	SEAL-O-RING 10.21MM(.401IN)ID					
M	7	6V8724	1	ELBOW					
	8	3J1907	1	SEAL-O-RING 11.89MM(.468IN)ID					
	9	7C3760	1	TUBE AS-OIL DRAIN					
	10	9M4849	1	SEAL-O-RING					
	11	6V5218	2	BOLT					
	12	4F7391	1	SEAL-O-RING					
	13	1192942	1	ADAPTER					

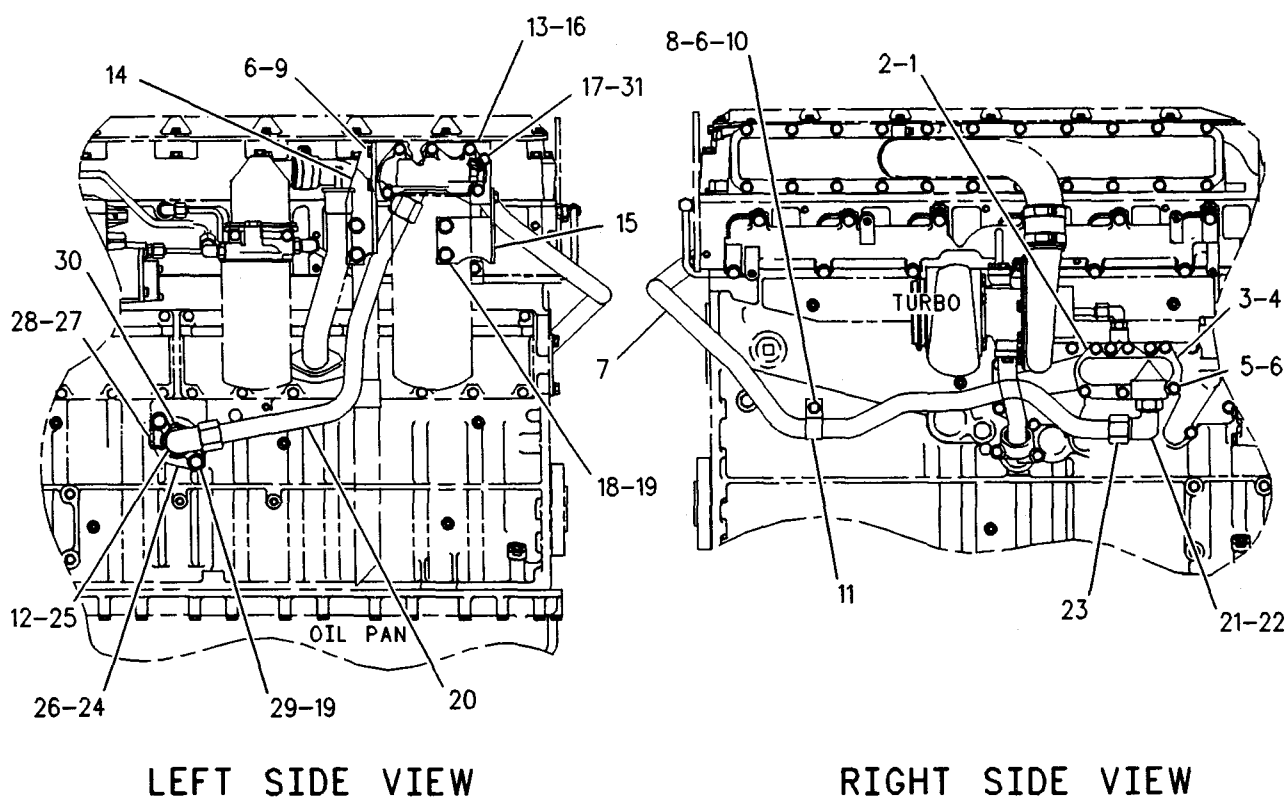
M-METRIC PART

C-593655 EP

1307

7C2476 LINES GP-TURBOCHARGER OIL
Also An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C7489	1	PLATE	M	27	9S4191	2	PLUG-O-RING
	2	5F9657	3	SEAL-O-RING		28	3J1907	2	SEAL-O-RING (15.85 MM OD)
	3	7C7488	1	ADAPTER		29	6V4249	2	BOLT
	4	7C7490	1	GASKET		30	8T6764	1	PLUG-PIPE
M	5	6V5218	6	BOLT	M	31	5P4116	2	WASHER
	6	9M1974	10	WASHER-HARD					
	7	1031599	1	TUBE AS					
	8	4P8525	1	SPACER					
M	9	6V5215	3	BOLT	M				
	10	8T0276	1	BOLT					
	11	7S0530	1	CLIP					
	12	3D2824	1	SEAL-O-RING (23.47MM ID)					
M	13	4P8861	1	BASE	M				
	14	7C7494	1	SUPPORT-FRONT					
	15	7C7496	1	SUPPORT-REAR					
	16	8M4987	1	SEAL-O-RING					
M	17	6V2317	2	BOLT	M				
	18	6V6317	4	BOLT					
	19	6V5839	6	WASHER					
	20	7C7495	1	TUBE AS					
M	21	8T8986	2	ELBOW-O-RING	M				
	22	4K1388	2	SEAL-O-RING (26.59MM ID)					
	23	5K9090	3	SEAL-O-RING					
	24	4P9128	1	ADAPTER					
M	25	3E7440	1	ELBOW-90 DEGREE	M				
	26	4F9653	1	SEAL-O-RING (46.99MM ID)					

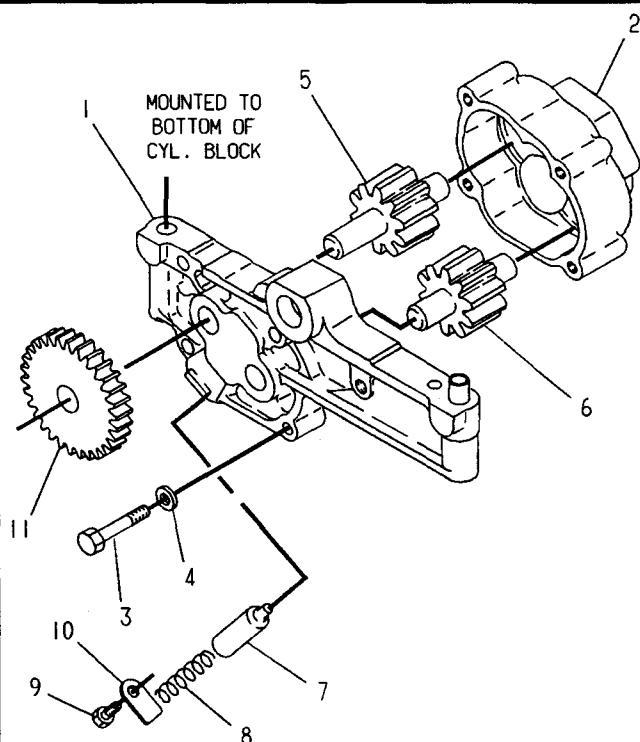
M-METRIC PART

F-564615 EP

1318

1031600 MOUNTING GP-FILTER
An Attachment

LUBRICATION SYSTEM



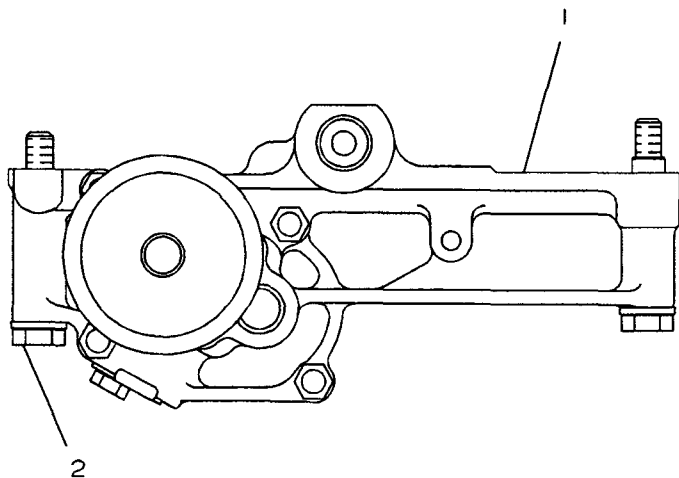
NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	2W8077	1	BODY AS-OIL PUMP
	2	2W8091	1	BODY-OIL PUMP
	3	6V5219	4	BOLT (M8X1.25X40MM)
	4	9M1974	4	WASHER-HARD (2MM THK)
	5	2W8087	1	SHAFT AS
M	6	2W8090	1	SHAFT AS-IDLER
	7	2W8078	1	PLUNGER-RELIEF
	8	1051805	1	SPRING
	9	6V5215	1	BOLT (M8X1.25X16MM)
	10	2W8079	1	WASHER
	11	2W8085	1	GEAR-PUMP DRIVE (33 TEETH)

M-METRIC PART

A-587075 EP

1304

1192924 PUMP GP-ENGINE OIL
Part Of 4W2195 Pump



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	1192924	1	PUMP GP-ENGINE OIL
M	2	6V5815	2	BOLT (M10X1.5X75MM)
		6V5839	2	WASHER (2.5MM THK)

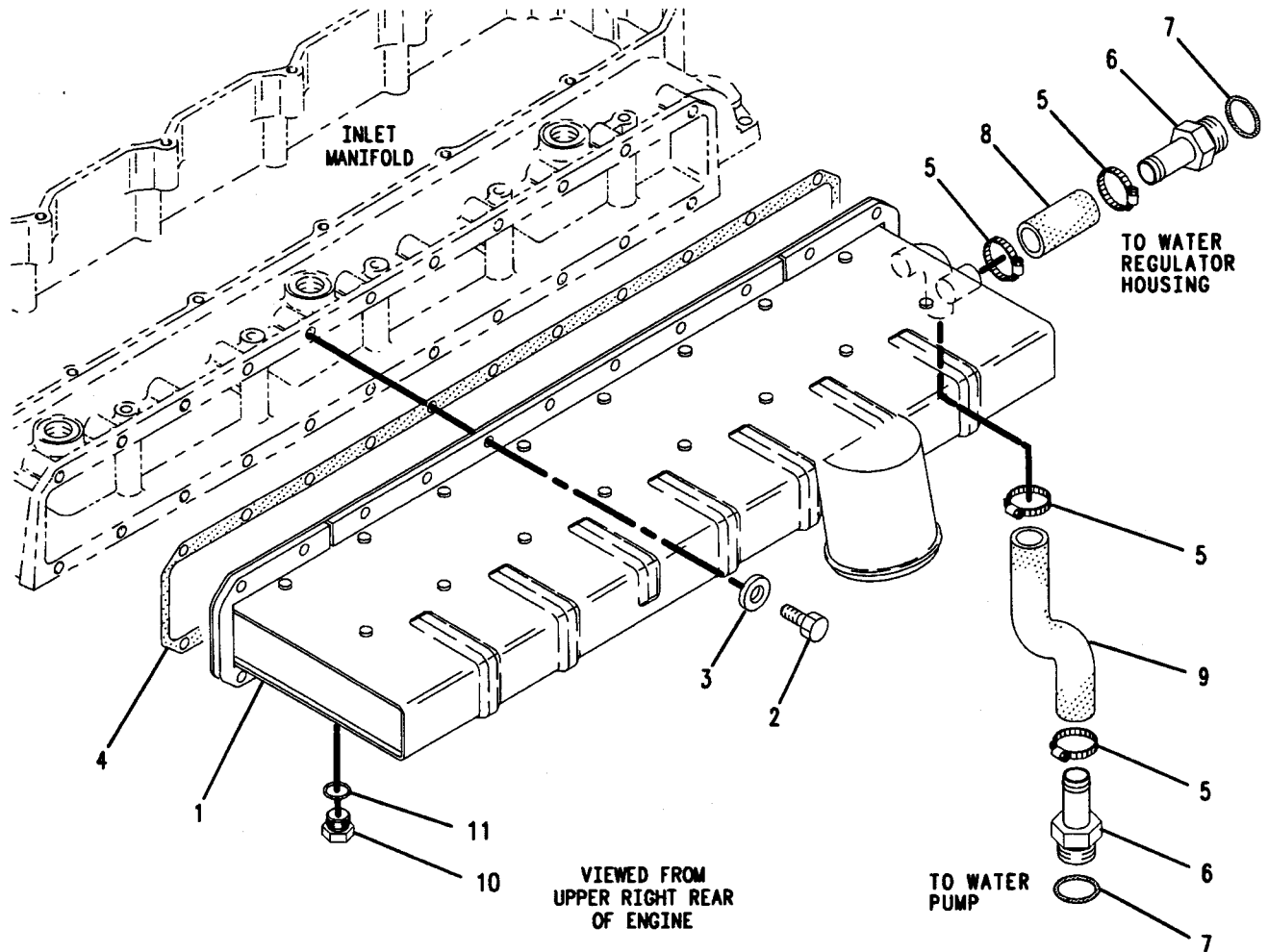
M-METRIC PART
Y-SEPARATE ILLUSTRATION

C-587081 EP

1304

4W2195 PUMP GP-ENGINE OIL
One Section Gear
1192924-Page 115

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C6218	1	CORE AS-AFTERCOOLER					
	2	6V5219	22	BOLT					
	3	9M1974	22	WASHER-HARD					
	4	7C1152	1	GASKET					
	5	8T9402	4	CLAMP-HOSE					
	6	336783	2	NIPPLE-HOSE					
	7	3D2824	2	SEAL-O-RING					
E	8	8T9543		HOSE (6 CM)					
	9	7C3615	1	HOSE					
	10	9S4182	1	PLUG					
	11	3J7354	1	SEAL-O-RING					

E-ORDER BY THE CENTIMETER
M-METRIC PART

F-473055 EP

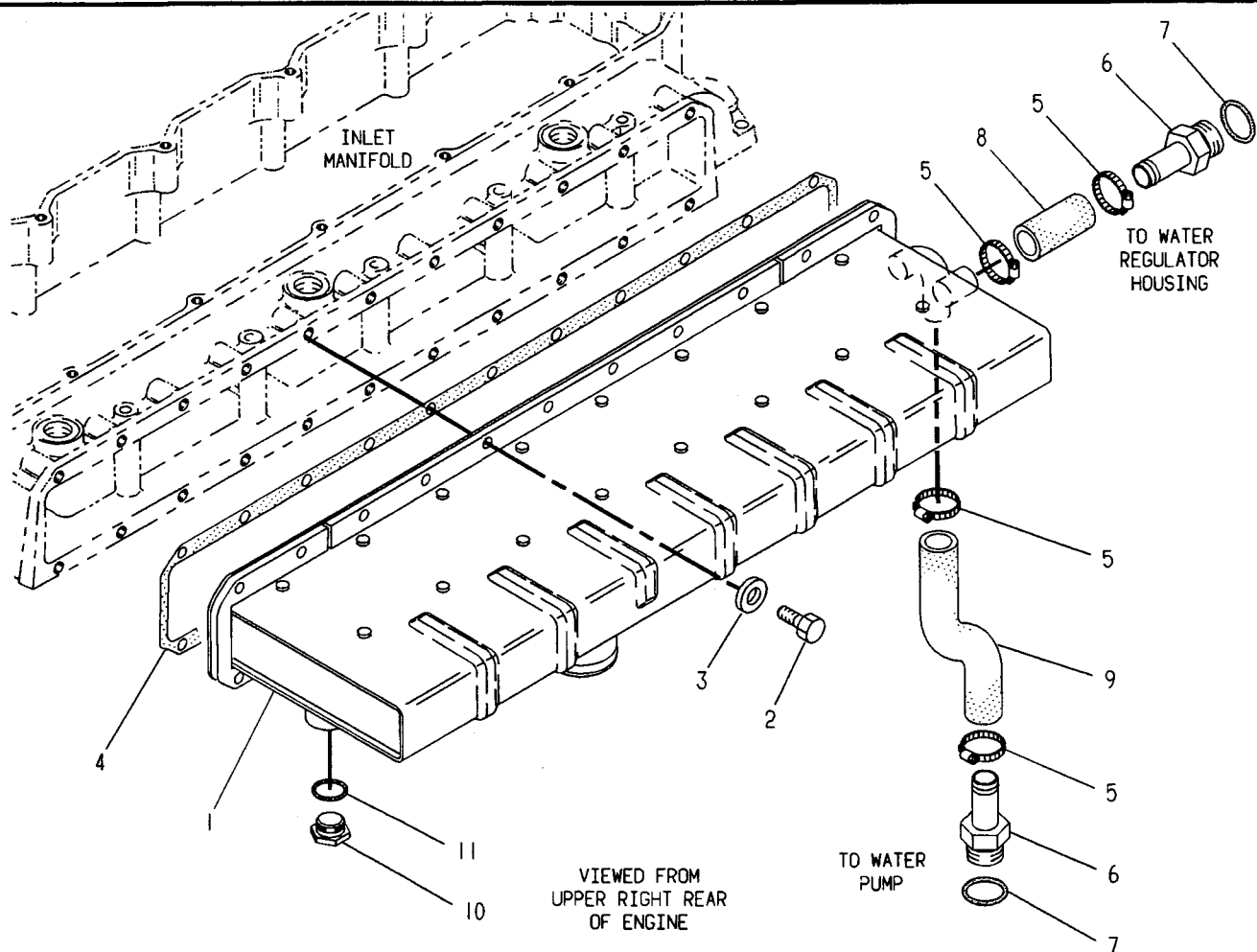
1063

9Y1645 AFTERCOOLER GP-TREATED WATER

Treated Water - Fresh Air

An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C6219	1	CORE AS-AFTERCOOLER					
	2	6V5219	22	BOLT					
	3	9M1974	22	WASHER-HARD					
	4	7C1152	1	GASKET					
	5	8T9402	4	CLAMP-HOSE					
	6	336783	2	NIPPLE-HOSE					
	7	3D2824	2	SEAL-O-RING					
E	8	8T9543		HOSE (6.0CM)					
	9	7C3615	1	HOSE					
	10	9S4182	1	PLUG					
	11	3J7354	1	SEAL-O-RING					

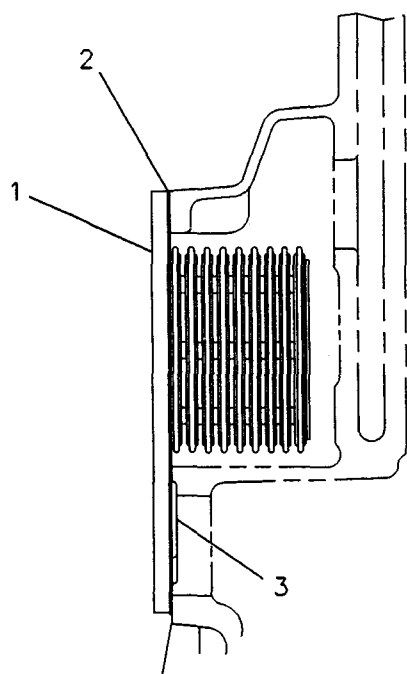
E-ORDER BY THE CENTIMETER
M-METRIC PART

A-500927 EP

1063

9Y6984 AFTERCOOLER GP-TREATED WATER

COOLING SYSTEM



CYLINDER
BLOCK

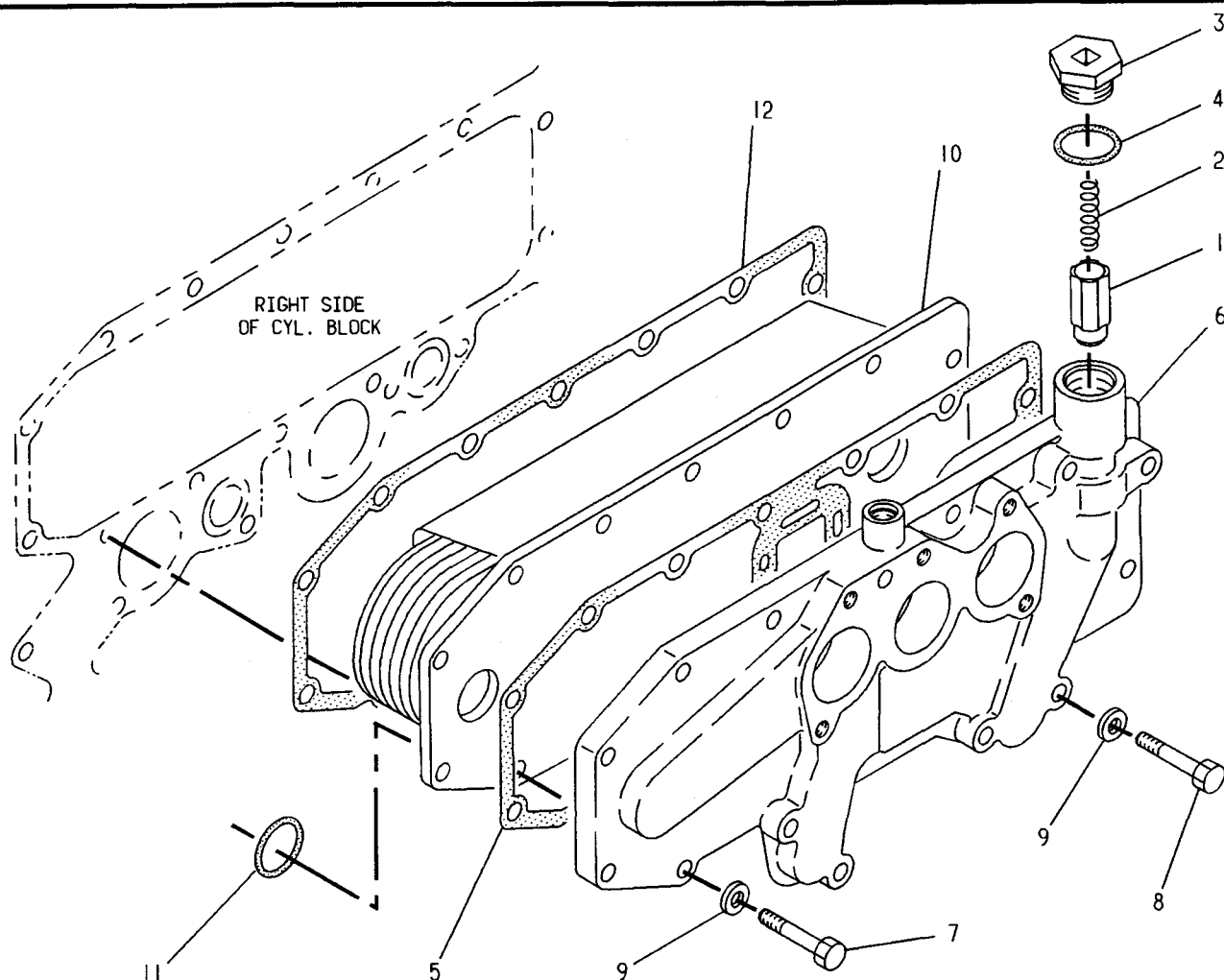
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1006270	1	CORE AS-OIL COOLER
	2	7C1160	1	GASKET
	3	8M4445	2	SEAL-O-RING

F-537936 EP

1379

1006269 COOLER GP-ENGINE OIL

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	7C1493	1	VALVE-BYPASS					
	2	9L9188	1	SPRING-VALVE					
	3	5P8196	1	PLUG-O-RING					
	4	2M9780	1	SEAL-O-RING					
	5	7E9817	1	GASKET					
	6	7W9027	1	BASE-OIL COOLER					
	7	6V5218	8	BOLT					
	8	8T0276	7	BOLT					
	9	9M1974	15	WASHER-HARD					
	10	1006270	1	CORE AS-OIL COOLER					
	11	8M4445	2	SEAL-O-RING					
	12	7C1160	1	GASKET					

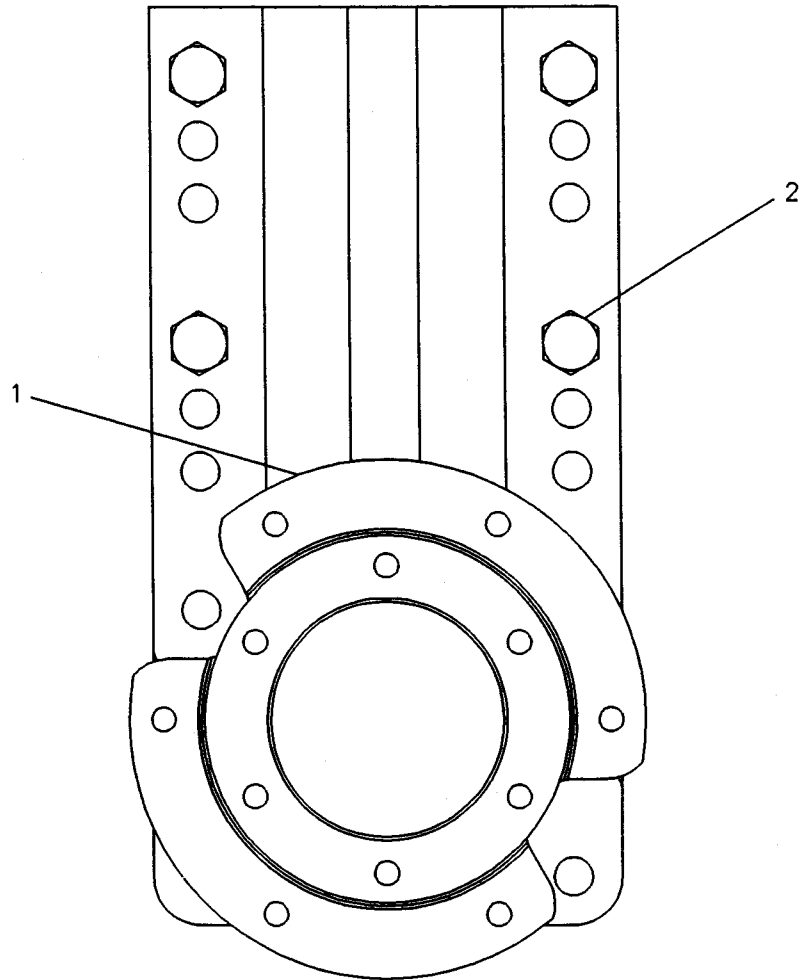
M-METRIC PART

A-575046 EP

1378

1156951 COOLER GP-ENGINE OIL
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4P8116	1	DRIVE GP-FAN					
	2	6V4249	4	BOLT					

Y-SEPARATE ILLUSTRATION

F-515255 EP

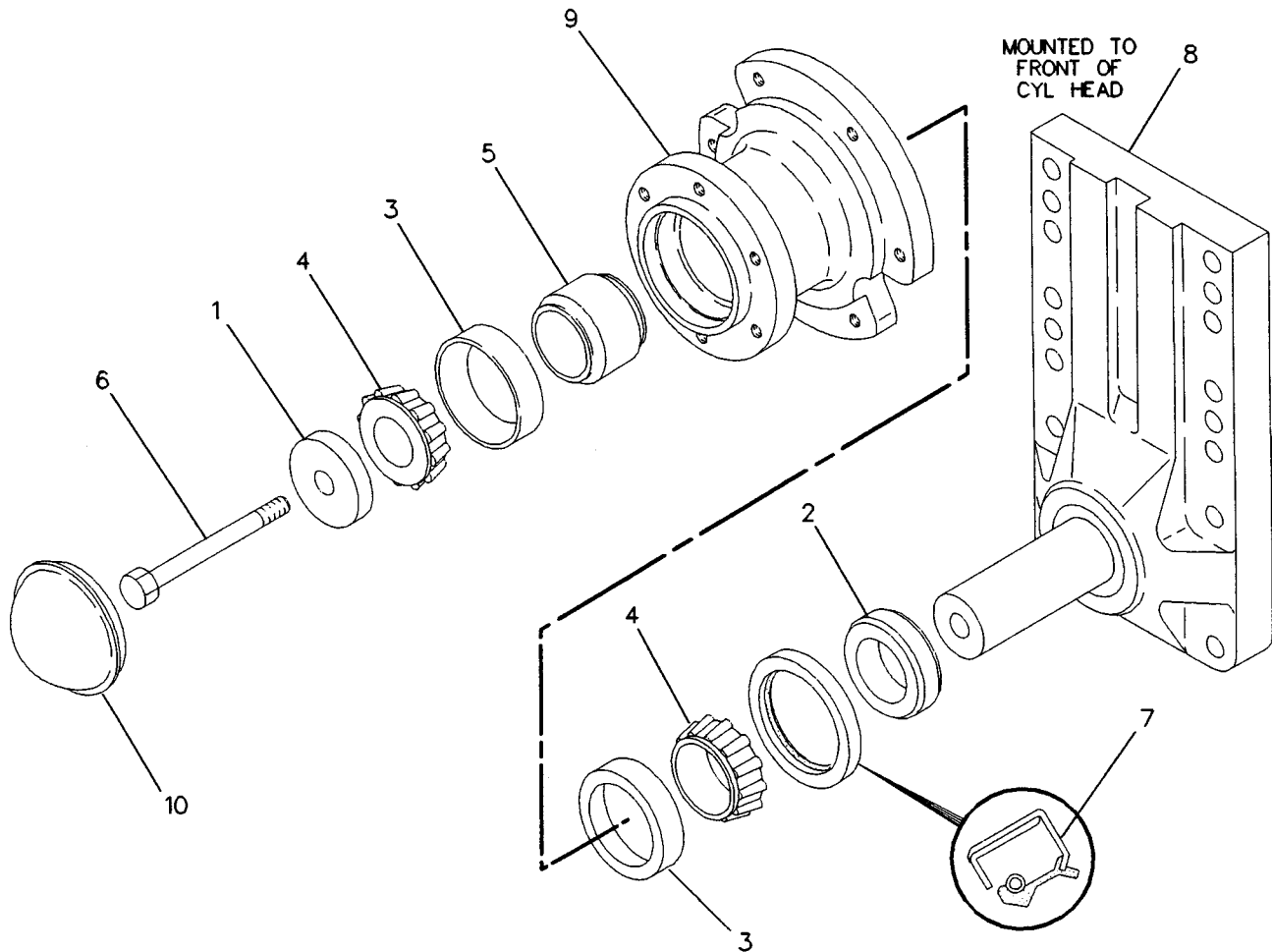
1359

4P4713 DRIVE GP-FAN

4P8116-Page 121

An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7C8634	1	PLATE					
	2	5S9062	1	SPACER					
	3	4W1203	2	CUP-ROLLER BEARING					
	4	4W1204	2	CONE-ROLLER BEARING					
	5	4W2042	1	SPACER					
	6	6V8004	1	BOLT					
	7	6V9748	1	SEAL-LIP					
	8	4P5486	1	BRACKET AS					
	9	7C8369	1	HUB					
	10	7C8370	1	CAP					

M-METRIC PART

R-515261 EP

1359

4P8116 DRIVE GP-FAN
Part Of 4P4713 Drive Gp
An Attachment