

CATERPILLAR 3516

3JS / SEBP2930

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5R-8180 ENGINE AR

5R8180 ENGINE AR Military Prefix - 5PG Commercial Prefix - 6MC

Arrangement composition. Follow the table links to the component drawings.

Ref.	Part number	Description	Qty	Code	Group page
	9Y-6505	ENGINE AR	1	Y	3, 5
	5R-8182	GENERATOR AR	1		
	5R-8183	PACKAGING AR-GENERATOR SET	1		
	5R-8185	TEST-ENGINE (QUALITY CONFORMANCE INSPECTION)	1		
	5R-8186	SILENCER AR-INTAKE AIR	1		
	5R-8187	MUFFLER AR-EXHAUST	1		
	5R-8188	COOLER AR-FUEL	1		
	5R-8248	TANK AR-EXPANSION	1		
	5R-8249	JACKET WATER	1		
	5R-8625	HEATER AR-JACKET WATER	1		
	5R-8580	PRELUBE AR-AIR & ELECTRIC (ENG & GEN)	1		
	5R-8603	OVERRIDE GP-MANUAL (THERMOSTAT BYPASS)	1		
	5R-8624	PARTS AR-MISCELLANEOUS	1		
	5R-8627	DISPOSAL AR-FUMES	1		
	9Y-8775	MOUNTING GP-GENERATOR	1		

CAT codes: Y.

9Y-6505 ENGINE AR

9Y6505 ENGINE AR-PART 1 OF 2 Military Prefix - 5PG Commercial Prefix - 6MC Part of 5R8180

Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	4P-0401	PISTON GP-ROD &	8		
	9Y-6521	COVER GP	1		
	9Y-6531	COVER GP	1		
	9Y-6611	VALVE GP-CRKC	1		
	9Y-6625	BLOCK GP-CYL	1		
	9Y-6648	CRANKSHAFT GP	1		
	9Y-6649	CAMSHAFT GP-S	1		
	9Y-6906	SEAL GP-CSHFT	1		
	9Y-6515	BREATHER GP	1		
	9Y-6543	COVER GP-VALVE	1		
	9Y-6606	VALVE GP-MANUAL	8		
	9Y-6607	LIFTING GP	1		
	9Y-6907	MECHANISM GP-V-B	8		
	9Y-6908	PLUG GP	8		
	9Y-6915	HEAD GP-CYL-B	8		
	7E-7090	LINES GP-OIL	1		
	9Y-6525	DAMPER GP-A	1		
	9Y-6536	HOUSING GP-FRONT	1		
	9Y-6910	GEAR GP-FRONT	1		
	9Y-6911	GEAR GP-FRONT	1		
	9Y-6920	GUARD GP-DAMPER	1		
	9Y-6941	COVER GP	1		
	7E-2495	BARRING GP	1		
	9Y-5531	FLYWHEEL GP	1		
	9Y-5534	DRIVE GP-FLEX	1		
	9Y-6423	MOTOR GP-AIR STG	1		
	9Y-6636	GUARD GP-CPLG-B	1		
	9Y-6913	HOUSING GP-REAR	1		
	9Y-6914	GEAR GP-REAR	1		
	9Y-7402	COUPLING GP-FLEX	1		
	9Y-8730	LINES GP-SHUTOFF	1		
	5R-9766	PAN GP-OIL	1		
	9Y-6630	MTG GP-ENGINE	1		

9Y-6505 ENGINE AR (continued)

Ref.	Part number	Description	Qty	Code	Group page
	9Y-6939	GAUGE GP-O LEVEL	1		
	9Y-6500	FILTER GP-OIL-F	1		
	9Y-6502	COOLER-LUBE OIL	1		
	9Y-6518	LINES GP-ENG OIL	1		
	9Y-6529	LINES GP-ENG OIL	1		
	9Y-6540	FILLER GP-OIL	1		
	9Y-6604	LINES GP-TURBO O	1		
	9Y-6916	LINES GP-ENG OIL	1		
	9Y-6917	VALVE GP-PRI	1		
	9Y-6918	PUMP GP-LINES & -G	1		
	9Y-6921	PUMP GP-EO 1 GR	1		
	9Y-6922	DRAIN GP	1		

9Y-6505 ENGINE AR

9Y6505 ENGINE AR-PART 2 OF 2 Military Prefix - 5PG Commercial Prefix - 6MC Part of 5R8180

Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	9Y-6600	REGULATOR GP-B	1		
	9Y-6602	LINES GP-WATER	1		
	9Y-6623	LINES GP-WATER	1		
	9Y-6928	PUMP GP-WATER	2		
	9Y-6929	LINES GP-WATER	1		
	9Y-6930	LINES GP-WATER	1		
	9Y-6932	LINES GP-WATER	1		
	9Y-6933	CONNECTION GP-H	1		
	9Y-6934	CONNECTION GP-H	1		
	9Y-8528	LINES GP-WATER	1		
	9Y-8780	LINES GP-WATER	1		
	9Y-6101	TURBO GP-BASIC	1		
	9Y-6401	LINES GP-AIR	1		
	9Y-6508	MTG GP-TURBO	1		
	9Y-6513	AFTERCOOLER GP-C	1		
	9Y-6538	ADAPTER GP-ACL	1		
	9Y-6548	LINES GP-AIR	1		
	9Y-6613	ELBOW GP-AIR IN	1		
	9Y-6923	MANIFOLD GP-EXH	1		
	9Y-6925	FITTING GP-EXH	1		
	9Y-6974	SHIELD GP-MANF	1		
	9Y-8776	LEVER GP	1		
	4R-8806	FILTER AS-DUPLEX	1		
	4R-9057	LINES GP-F FIL	1		
	7C-1903	PUMP GP-F INJ-G	8		
	9Y-6204	CONT GP-GOV-H	1		
	9Y-6501	FILTER GP-FUEL-B	1		
	9Y-6534	LINES GP-F INJ-A	1		
	9Y-6546	CONT GP-FUEL INJ	1		
	9Y-6637	LINES GP-FUEL	1		
	9Y-6935	PUMP GP-FT 1GR	1		
	9Y-6938	SENSOR GP-ELEK	1		
	9Y-6961	ACTUATOR AS	1		

9Y-6505 ENGINE AR (continued)

Ref.	Part number	Description	Qty	Code	Group page
	9Y-9606	DRIVE GP-GOV-A	1		
	9Y-9690	CONT GP-POTENTIO	1		
	9Y-9691	CONT GP-SENSOR	1		
	2P-9864	PAINT	46		
	6L-4502	PROD MARKING SYS	1		
	9Y-0045	PROTECTOR-STUD	32		

109-3816 Engine Ar

1093816 Engine Ar Military Prefix - 8TL Commercial Prefix - 70Z

Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	7N-4869	SHUT-OFF GP-MAN	1		
	2W-8879	CAMSHAFT GP-S	1		
	7N-8633	COVER GP	1		
	7N-8707	CRANKSHAFT GP	1		
	7W-1988	PISTON GP-ROD &	8		
	7W-3813	SEAL GP-CSHFT	1		
	115-3500	BLOCK GP-CYL	1		
	4W-0095	HEAD GP-CYL-B	8		
	7N-1855	COVER GP-V MECH	7		
	7W-9465	PUMP GP-F PRM	1		
	8N-7734	LIFTING GP	1		
	109-3824	MECHANISM GP-V-B	8		
	7N-4871	DRIVE GP-ACC	1		
	7N-8711	BALANCER GP	1		
	7W-3724	HOUSING GP-FRONT	1		
	8N-7182	DAMPER GP	1		
	8N-9642	COVER GP	1		
	111-8278	PUMP GP-AUX-S	1		
	122-9281	GEAR GP-FRONT	1		
	4W-1529	COVER GP	1		
	7N-4851	FLYWHEEL GP	1		
	101-0836	HOUSING GP-FRONT	1		
	116-9854	GEAR GP-REAR	1		
	7C-6366	GAGE GP-0 LEVEL	1		
	7C-6887	PAN GP-OIL	1		
	4W-0473	BREATHER GP	1		
	4W-6062	LINES GP-ENG OIL	1		
	4W-6874	FILTER GP-OIL-A	1		
	7N-1875	FILLER GP-OIL	1		
	7N-8640	LINES GP-TURBO O	1		
	7N-8715	PUMP GP-EO 2 GR	1		
	1N-4171	LINES GP-WATER	1		
	2W-9726	PUMP GP-WATER	1		

109-3816 Engine Ar (continued)

Ref.	Part number	Description	Qty	Code	Group page
	4W-5893	COOLER GP-ENG O	1		
	7C-8122	LINES GP-WATER	1		
	7N-8673	LINES GP-WATER	1		
	8N-7643	REGULATOR GP-C	1		
	8N-7716	LINES GP-WATER	1		
	8N-8993	CONNECTOR GP-H	1		
	9Y-9109	LINES GP-WATER	1		
	2W-9603	TURBO GP	1		
	4W-0711	LINES GP-AIR	1		
	6I-0041	MANIFOLD GP-A	1		
	7N-8722	AFTERCOOLER GP-B	1		
	4W-2965	CONT GP-FUEL INJ	1		
	8N-6151	PUMP GP-F TFR	1		
	9Y-6575	LINES GP-F INJ-A	1		
	9Y-7841	PUMP GP-FUEL INJ	8		
	2P-9864	PAINT	10		
	2W-9593	METER GP-SERVICE	1		
	6L-4502	PROD MARKING SYS	1		
	7C-1309	SHUT-OFF GP-E	1		

152-8390 ENGINE AR

1528390 ENGINE AR Military Prefix - 4EZ Commercial Prefix - 8NM

Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	4W-1016	SEAL GP-CSHFT	1		
	113-6087	CRANKSHAFT GP	1		
	113-6094	CAMSHAFT GP	1		
	117-1085	COVER GP-CYL	1		
	129-1165	BLOCK GP-CYL	1		
	136-0605	PISTON GP-ROD &	6		
	4P-4372	MECHANISM GP-V-D	1		
	117-6816	LIFTING GP	1		
	139-3528	HEAD GP-CYL	1		
	4W-5429	PULLEY GP-CSHFT	1		
	101-4540	GEAR GP-FRONT	1		
	116-4550	COVER GP (FRONT)	1		
	118-6263	DAMPER GP-PUL&	1		
	121-0696	FASTENER GP	1		
	164-4113	HOUSING GP-FRONT	1		
	4W-3462	CARRIER GP-SEAL	1		
	7C-4566	DRAIN GP	1		
	117-5123	PAN GP-OIL	1		
	4P-9440	BREATHER GP	1		
	115-4138	PUMP GP-EO 1 GR	1		
	117-5125	LINES GP-ENG OIL	1		
	100-4629	DRIVE GP-PUMP-A	1		
	100-4951	PUMP GP-WATER	1		
	117-6738	LINES GP-WATER	1		
	108-1482	LINES GP-TURBO O	1		
	113-1116	AFTERCOOLER GP-E	1		
	113-1119	TURBO GP	1		
	113-1121	LINES GP-AIR	1		
	117-5132	MANIFOLD GP-IN	1		
	156-3763	MANIFOLD GP-EXH	1		
	105-1695	CONT GP-FUEL INJ	1		
	113-6171	PUMP GP-F INJ-J	6		
	120-0209	LINES GP-AIR F	1		

152-8390 ENGINE AR (continued)

Ref.	Part number	Description	Qty	Code	Group page
	153-6653	GOVERNOR GP-R	1		
	6L-4502	PROD MARKING SYS	1		
	164-4072	LUBRICANT GP-C	1		

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