

i. Oil Base and Oil Pump Group (fig. 40).

Ref. No.	Quan. in equip.	Signal Corps stock number	Name of part and description	Function	Mfr.	Kohler part No.
D-223	1	.....	Tube, oil line.	Part of oil line assembly.	K	D-223
D-224	1	.....	Assembly, oil line tube.	Connects pump to filter.	K	D-224
D-227	1	.....	Tee, oil line.	Connects pump to oil line.	K	D-227
D-228-1	1	.....	Bushing, reducing.	Coupling for filter line.	K	D-228-1
A-503	1	.....	Oil base.	Holds lubricant.	K	A-503
D-504	1	.....	Baffle plate.	Retains oil for splash lubrication.	K	D-504
A-536	7	.....	Washer, packing.	For split covers.	K	A-536
A-555	1	3H1921/G20	*Gasket, split cover.	Prevents oil leak.	K	A-555
A-556	1	.....	Split cover.	Seals oil base.	K	A-556
D-560	1	.....	*Oil pump assembly.	Provides forced lubrication.	K	D-560
D-561	1	.....	Body, oil pump.	Houses pump parts.	K	D-561
D-564	1	.....	Plunger, oil pump.	Pumps oil.	K	D-564
D-565	1	.....	*Spring, oil pump.	Actuates plunger.	K	D-565
D-566	1	.....	Washer, oil pump.	Retains oil pump spring.	K	D-566
D-1-567	1	.....	Strainer assembly.	Plug and strainer.	K	D-1-567
D-568	1	.....	Plug, oil drain.	Plugs oil drain.	K	D-568
A-569	1	.....	Washer, drain plug.	Seals oil drain hole.	K	A-569
D-571	1	.....	Nipple, oil pump.	Oil drain outlet extension.	K	D-571
A-574	2	.....	Stud, oil pump.	For mounting pump.	K	A-574
D-588	1	.....	Plug, oil pump.	Seals lead opening in pump.	K	D-588
A-603	1	.....	*Connector, oil pump.	Connects oil pump to cylinder head oil duct.	K	A-603
A-1-615	1	.....	*Assembly, oil pump tube.	Connects pump to oil line.	K	A-1-615
A-615	1	.....	Oil line.	For A-1-615.	K	A-615
A-616	3	.....	*Nut, oil line.	For assembly A-1-615.	K	A-616
D-623	1	.....	Ball, oil pump inlet.	Valve for pump inlet.	K	D-623
D-624	1	Ball, oil pump outlet.	Valve for pump outlet.	K	D-624
A-651	1	3H1921/G23	*Gasket, oil base (right).	Seals oil base joint.	K	A-651

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1 1/2 KVA Lower Unit

i. Oil Base and Oil Pump Group (fig. 40) (contd).

Ref. No.	Quan. in equip.	Signal Corps stock number	Name of part and description	Function	Mfr.	Kohler part No.
A-822	1	3H1921/G24	*Cocket, oil base (left).	Seals oil base joint.	K	A-822
A-823	1	.....	*Connector.	For oil line assembly.	K	A-823
A-824	1	.....	Nut, compression.	For above connector.	K	A-824
A-825	1	.....	Sleeve, compression.	For above connector.	K	A-825
D-973	1	.....	Cover, oil base end.	For clean out.	K	D-973
D-974	1	3H1921/G33	*Gasket, oil base end cover.	Prevents oil leak.	K	D-974
D-996	1	.....	Plug, oil pump passage.	.....	K	D-996
D-996	1	.....	Washer.	Secures oil pump plug.	K	D-996
D-997	6	.....	Washer.	For oil base end cover.	K	D-997
D-1012	1	.....	Strainer.	Part of D-1-567.	K	D-1012
D-1350	1	3H1921/F15	*Oil filter.	Filters oil.	P	D-1350
D-1352	1	3H1921/E10	*Element, oil filter.	Part of D-1350.	P	D-1352

j. Crankshaft, Camshaft, and Crank Group (figs. 44, 45).

Ref. No.	Quan. in equip.	Signal Corps stock number	Name of part and description	Function	Mfr.	Kohler part No.
A-505	1	.....	Crankshaft.	Operates connecting rods.	K	A-505
A-506	1	.....	Camshaft.	Carries cams and gear.	K	A-506
A-522	1	3H1921/G50	*Gear, crankshaft.	Meshes with cam gear.	K	A-522
A-523	1	3H1921/G51	*Gear, camshaft.	Operates camshaft.	K	A-523
D-566	1	.....	Washer.	In crank assembly.	K	D-566
A-590	1	.....	Washer, camshaft thrust.	Fits between gear and block.	K	A-590
A-591	1	.....	Plug, camshaft thrust.	Transfers thrust from spring to gear cover.	K	A-591
A-592	1	Spring, camshaft thrust plug.	Maintains end pressure on camshaft.	K	A-592
C-593	1	Crank, starting.	Part of C-1-593.	K	C-593

Supplementary Data

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