

h. Cylinder Block and Piston Group (figs. 41, 42, 43).

Ref. No.	Quan. in equip.	Signal Corps stock number	Name of part and description	Function	Mfr.	Kohler part No.
A-1-501	1	.....	Assembly, cylinder block.	.....	K	A-1-501
A-507	4	3H1921/R40	*Rod, connecting.	Connects piston to crankshaft.	K	A-507
A-508	4	3H1921/P35	*Piston.	.....	K	A-508
A-510	4	3H1921/P18	*Piston pin.	Connects piston to rod.	K	A-510
A-512	4	3H1921/B80	*Bushing, connecting rod bearing.	Provides bearing surface.	K	A-512
A-1-513	1	3H1921/B22	*Bearing, crankshaft (bearing).	Permits easy turning.	K	A-1-513
A-1-515	1	3H1921/B29	*Bearing, crankshaft (rear).	Permits easy turning.	K	A-1-515
A-1-517	4	3H1921/B24	*Bearing, connecting rod.	Provides bearing surface for rod.	K	A-1-517
A-519	1	3H1921/B25	*Bearing, camshaft (front).	Permits easy turning.	K	A-519
A-520	1	3H1921/B26	*Bearing, camshaft (rear).	Permits easy turning.	K	A-520
D-521	1	.....	Cover, gear.	Houses gears.	K	D-521
A-525	1	.....	Cap, crankshaft bearing cap (front).	Holds front bearing.	K	A-525
A-526	1	.....	Cap, crankshaft bearing cap (rear).	Holds rear bearing.	K	A-526
A-527	1	.....	*Stud, crankshaft bearing.	Holds bearing cap.	K	A-527
A-536	1	.....	Packing washer.	For split cover screws.	K	A-536
A-545	8	.....	Bushing, valve tappet.	Guide valve tappet.	K	A-545
A-547	10	.....	Shim, front main bearing (0.094 in.).	Allow clearance.	K	A-547
A-548	4	.....	Shim, front main bearing (0.008 in.).	As above.	K	A-548
A-549	2	.....	Shim, front main bearing (0.002 in.).	As above.	K	A-549
A-550	2	.....	Shim, rear main bearing (0.094 in.).	As above.	K	A-550
A-551	4	.....	Shim, rear main bearing (0.008 in.).	As above.	K	A-551
A-552	10	.....	Shim, rear main bearing (0.002 in.).	As above.	K	A-552
A-555	1	.....	Gasket, split cover.	Prevents oil leakage.	K	A-555
A-556	1	.....	Split covers.	Seal oil base.	K	A-556
A-557	9	.....	Stud, cylinder head.	For securing head.	K	A-557
A-573	1	.....	Tappet, oil pump.	Operates oil pump.	K	A-573
K-576	1	.....	Base, radiator.	Supports radiator.	K	K-576
A-579	2	.....	*Gasket, split cover.	Prevents oil leakage.	K	A-579

h. Cylinder Block and Piston Group (figs. 41, 42, 43) (contd).

Ref. No.	Quan. in equip.	Signal Corps stock number	Name of part and description	Function	Mfr.	Kohler part No.
A-583	2	.....	Stud, water inlet manifold.	Secures manifold.	K	A-583
A-584	1	.....	Gauge, bayonet.	Shows oil level.	K	A-584
A-598	1	.....	Cap, starting crank.	.....	K	A-598
A-601	8	.....	Bolt, connecting rod.	Holds rod bearings.	K	A-601
A-610	1	.....	*Nut, oil line.	For oil line tee.	K	A-610
A-617	8	.....	Shim, rod bearing (0.063 in.).	Adjust bearing clearance.	K	A-617
A-618	16	.....	Shim, rod bearing (0.008 in.).	As above.	K	A-618
A-619	32	.....	Shim, rod bearing (0.002 in.).	As above.	K	A-619
A-631	1	.....	Bushing, magneto drive shaft.	Permits easy turning.	K	A-631
A-650	1	3H1921/G22	*Gasket, gear cover.	Seals gear cover.	K	A-650
A-656	1	.....	Gasket, water inlet manifold.	Prevents leakage.	K	A-656
K-674	4	3H4410-7	*Spark plug, 18. mm.	Ignites fuel in cylinder. CHAMP.	K	K-674
A-675	4	.....	Gasket, spark plug.	Prevent leakage.	K	A-675
A-676	1	.....	Bracket, magneto.	Magneto support.	K	A-676
A-681	1	.....	Plug, cylinder casting.	.....	K	A-681
B-694	1	.....	Bushing, magneto ground wire.	Ground wire conduit.	K	B-694
A-759	3	.....	Screw, magneto bracket.	Secures bracket.	K	A-759
A-761	2	.....	Pin, bearing.	.....	K	A-761
A-797	2	.....	Pin, camshaft bearing.	.....	K	A-797
A-798	1	.....	Pin, magneto drive shaft bearing.	.....	K	A-798
A-806	4	.....	Plug, cylinder casting.	Safety valve if water freezes in jacket.	K	A-806
A-824	12	3H1921/R30	*Ring, piston (compression).	Seals compression.	K	A-824
D-966	8	3H1921/R20	*Retainer, piston pin.	Secures pin.	K	D-966
D-2448	4	.....	*Ring, piston (oil).	Distributes cylinder oil.	K	D-2448
D-2516	1	.....	*Tee assembly.	Oil line assembly.	K	D-2516
D-2517	1	.....	Cross assembly.	Oil line assembly.	K	D-2517
151482	1	.....	Nameplate.	.....	K	151482