

# Installing Model K Rear Chain Oiler

No. 63889-53

1. Replace original oil pipe nipple in crankcase with nipple (A) of oiler kit as shown on illustration.

This is the return oil line from the scavenger pump to oil tank. Only the amount of oil in the pipe will run out when the oil line is removed, but place something under the engine to keep the oil from dripping on the floor. Use a socket wrench to remove original nipple from crankcase.

2. Before oil pipe nut is started on thread of nipple (A) be sure that the return oil pipe fits down squarely on top of the nipple, so that threads are not crossed.

3. Install rear chain oiler pipe (D) in position as shown on illustration.

4. When installed and tightened, oiler pipe (D) must bear against the rear of the transmission gear case with sufficient pressure to prevent vibration of pipe (D). If pipe does not bear against the rear of gear case when tightened in nipple (A), remove pipe and bend it as required so that it does.

5. The open end of the oiler pipe should extend down to within approximately 2" of the lower run of the drive chain. Be sure oil pipe is shaped so open end of pipe is centered over chain and has ample side clearance from sprocket and chain so that chain will not whip against it.



K Model with exhaust pipe and sprocket cover removed, showing correct installation of rear chain oiler.

6. Initial adjustment of chain oiler: Loosen lock nut (B), bottom adjusting screw (C) lightly, back screw out 1/4 turn and tighten lock nut. One quarter turn open will permit chain oiler to feed 2 or 3 drops per minute.

After a period of service, inspect chain for ample lubrication and readjust oiler as needed.

## HARLEY-DAVIDSON MOTOR CO., Milwaukee 1, Wis., U. S. A.

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