

SERVICE BULLETIN

M-930A

June 6, 1986



SPORTSTER V²_{TM} HYDRAULIC LIFTER

General

See Figure 1. Beginning with crankcase No. 1786 127 043 on 883cc models and 1886 127 001 on 1100cc models, new style hydraulic lifters are being installed at the factory. They are the same as those used in the 1340cc engines beginning in 1986 model year and will allow one component to service the entire product line. New style lifters can be identified by the presence of notches in the push rod socket.

The old lifter, Part No. 18522-85, is no longer available. Earlier Sportster lifters can be updated using lifter kit Part No. 18528-85. The new lifter, Part No. 18523-86, will be sold as a replacement part.

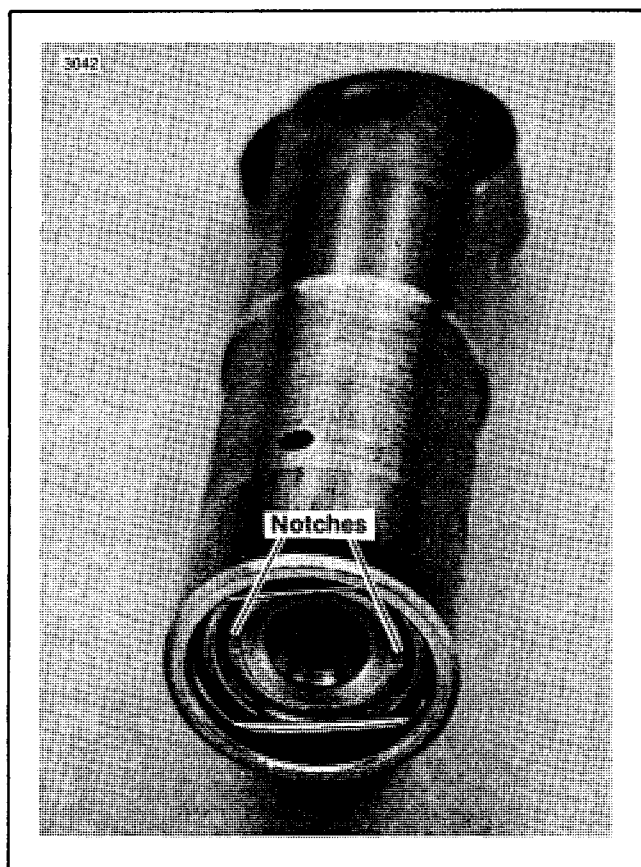


Figure 1. New Lifter Identification

Service Procedures

Follow procedures outlined in the 1986 XLH Service Manual for removal and installation except for the following:

1. A piece of wire can no longer be used to drain lifter during installation.
2. After push rod lengths have been measured and the correct length push rods selected, remove lower rocker boxes.
3. Rotate engine so both lifters from the cylinder being serviced are on the base circle (lowest position) of the cam.
4. Install push rods and push rod tubes. Install new gaskets under lower rocker box. Place lower rocker box assembly (with rocker arms and shafts) in position. Place push rods in rocker arm sockets.
5. Slowly snug all rocker box fasteners in small increments (one turn at a time). Use a cross pattern on the four large bolts that fasten the lower rocker box to head. This will bleed the lifters. Tighten fasteners to the correct torque. Refer to the 1986 XLH Service Manual for the proper tightening sequence.

CAUTION

Do not turn engine over until both push rods can be turned with fingers to avoid damage to push rods or rocker arms.

6. Repeat Steps 2 through 5 for other cylinder

Service Manual Note

Please put a note referencing this Service Bulletin number in the Engine Section of your dealership Service Manual.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
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