

SERVICE BULLETIN



M-848

April 9, 1982

CRANKCASE BREATHER VALVE—XL MODELS

General

A new style crankcase breather valve has been put into production beginning with crankcase number 782-078-050.

A late style breather valve kit, Part No. 26909-79A, which is functionally more durable and quieter than the early style reed valve, is available through Parts & Accessories and will fit 1979 and later XL models.

See Figure 1. The late style breather valve incorporates a rubber umbrella valve attached to the base plate along with a larger diameter oil separator washer. They will replace the early style reed valve assembly and smaller diameter oil separator washer.



Figure 1. Crankcase Breather Valve

Installation

1. Refer to the appropriate Service Manual for gearcase cover and generator removal.

2. See Figure 2. With the gearcase cover on a bench, use bushing and bearing puller tool kit, Part No. HD-95760-69, along with the 5/8 in. tool collet, Part No. HD-95766-69, and remove the early style reed valve.

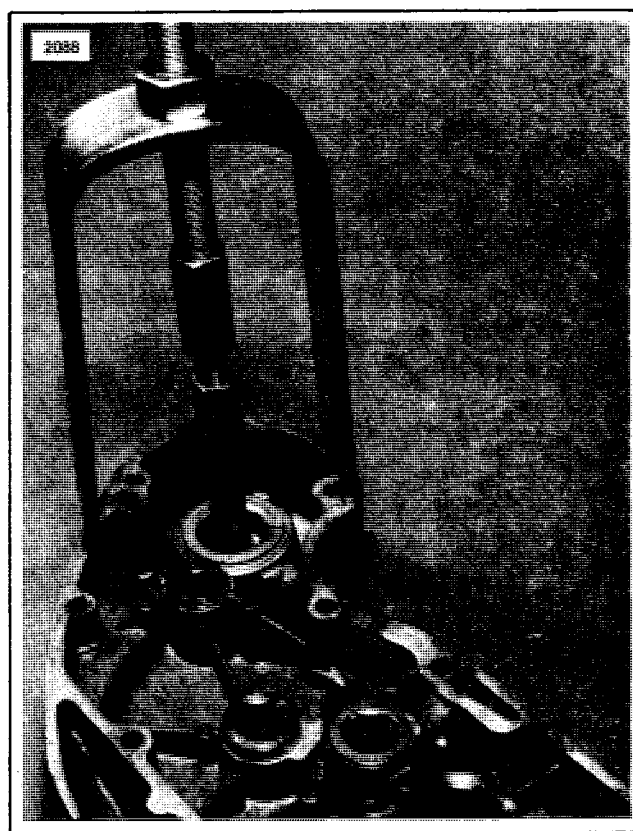


Figure 2. Early Style Reed Valve Removal

3. See Figure 3. Install the late style breather valve until the base plate shoulder seats squarely on the gearcase cover casting.

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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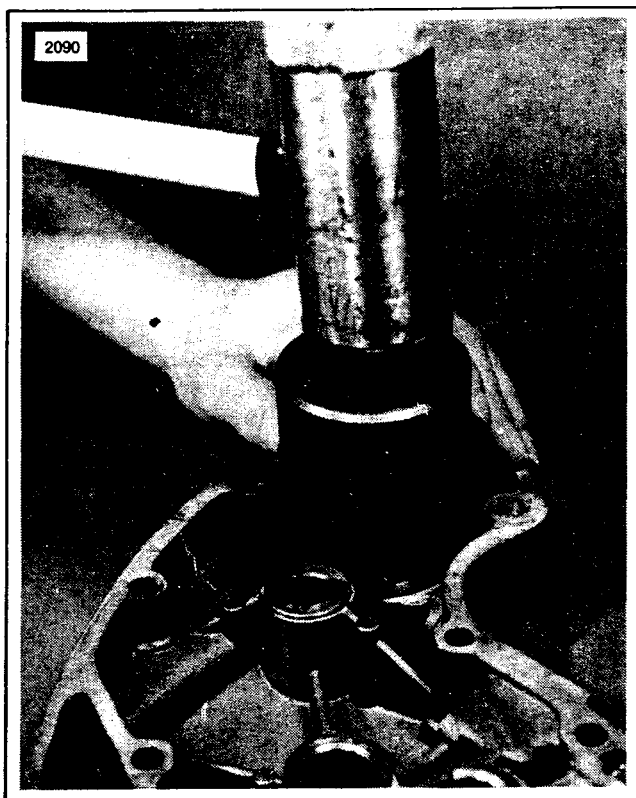


Figure 3. Late Style Breather Installation

4. See Figure 4. Remove the generator armature gear shaft nut, gear shaft washer and early style oil separator washer. Install the late style oil separator washer, gear shaft washer and gear shaft nut on the armature shaft. Tighten armature gear shaft nut 6-8 ft- lbs torque.

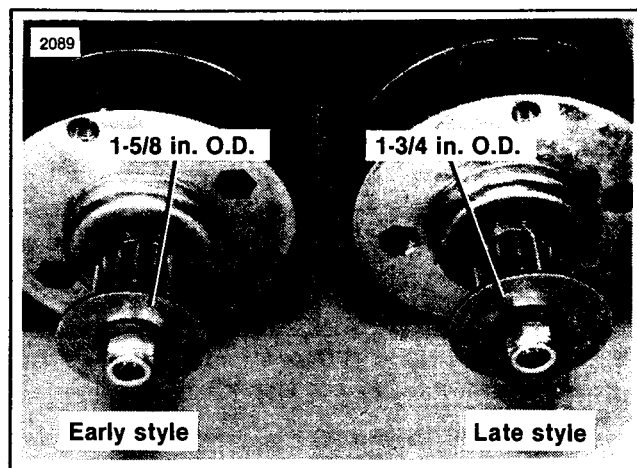


Figure 4. Oil Separator Washer Installation

5. Refer to the appropriate Service Manual for gear-case cover and generator installation.