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Service Information Bulletin

SUBJECT	DATE
Counter Shaft Brake Valve	July 2017

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0140	DT12	Installation of the Counter Shaft Brake Valve	New steps added and a new figure.

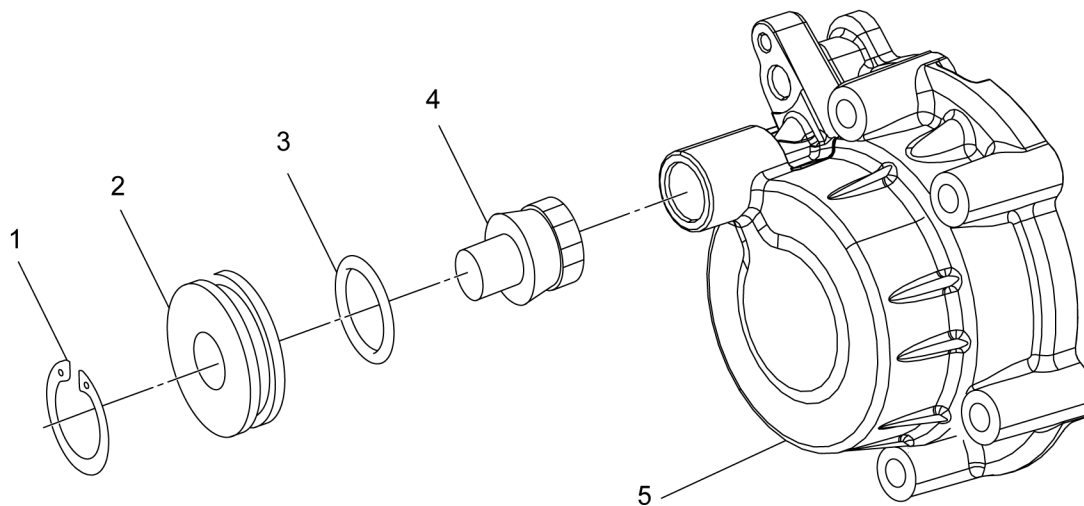


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2 Installation of the Countershaft Brake Valve

Install as follows:

1. Lubricate O-ring (3) with grease, and install on the brake valve cap (2).



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NOTICE: The direction of the valve (4) is critical. If the valve is installed incorrectly, the Countershaft Brake will not function.

2. Install the valve (4).
3. Install the cap (2).
4. Install the snap ring (1).



WARNING: PERSONAL INJURY

To avoid injury from the sudden release of a high-pressure hose connection, wear a face shield or goggles.

5. Test the function of the brake by supplying shop air to the line port in the brake housing. While turning the input shaft, apply and remove air pressure at the port. The resistance of the brake can be felt as air is applied, and once removed, the resistance is reduced and air will discharge from the hole in the valve cap (2).
6. Install the air line. For lines that use a retaining plate and bolt, tighten the fastener 10 N·m (90 lb·in.). For lines with a quick-connect fitting, torque the nut to 12 N·m (105 lb·in.).
7. Install the transmission. For instructions, Refer to section "Installation of the Transmission".