

# Service-Information



Group 33 Rear Wheel Drive	December 1983	Bulletin No. 33 008 83 (2089)
------------------------------	------------------	----------------------------------

-For U.S.A. and Canada Only-

RE: REAR DRIVE OIL LEAK

Dear Dealer:

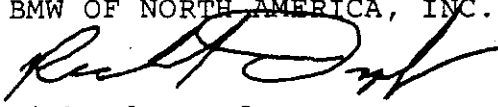
Since the introduction in 1981 of the new design rear drive housing, it has come to our attention that an oil leak could occur on drum brake models only from the area around the brake pivot shaft.

If a leak is noted, the following should be investigated and/or replaced:

1. Install a new brake pivot shaft with four (4) "O" ring grooves.
2. Measure depth of "O" ring grooves with a caliper. The diameter of the shaft at the bottom of the "O" ring groove should be not less than 10.41 mm.
3. When installing the pivot shaft, check for sharp edges or burrs on each end of the bore and make sure the cover is aligned with the housing.  
  
Install the shaft with new "O" rings and a high temperature bearing grease.
4. On later model housing covers, you will notice a new improvement or a brass bushing for the pivot shaft.
5. Rear drive vent/filler cap. If the venting cap is partially or fully blocked, oil could be forced past the "O" rings or seals in the rear drive unit. In such cases, press the vent cap up to allow proper venting or replace.

Sincerely,

BMW OF NORTH AMERICA, INC.

  
Richard Dampf  
National Technical Manager

Please route and initial before filing