

# Service Bulletin

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Category N	Applicable Model/s All Models With Rack/Pinion	Subject CHECKING PROCEDURE FOR POWER STEERING BOOT LEAKAGE	Bulletin No. 004/97 Issued 12/28/97 Revised
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## DESCRIPTION

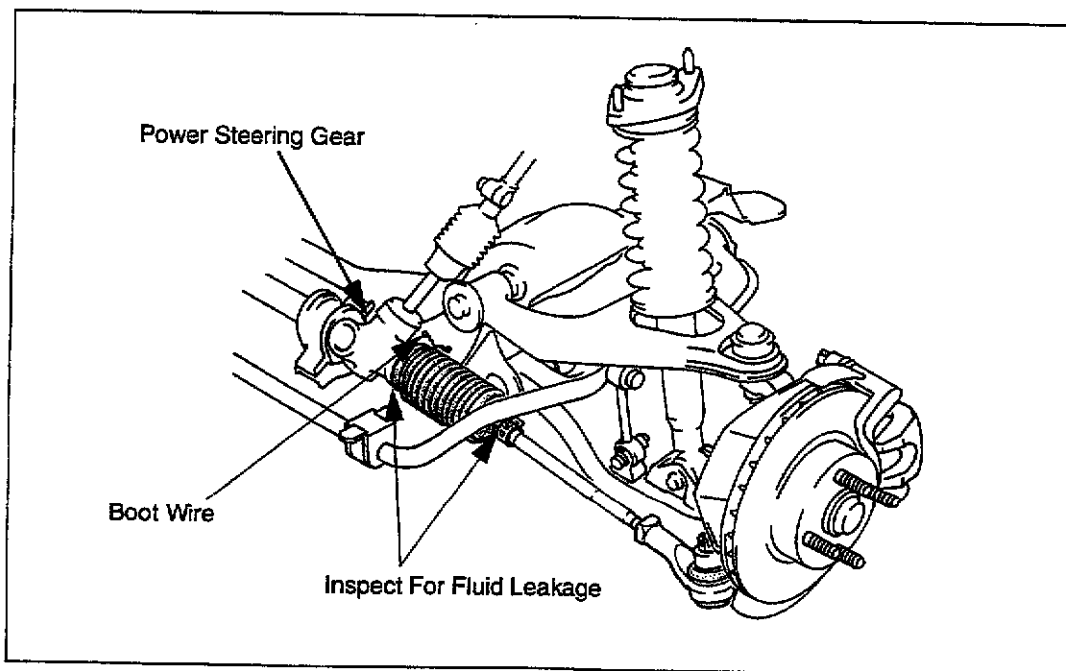
Customers complaining of problems associated with power steering fluid loss should have the vehicle inspected according to the instructions in section N of the workshop manual. If the leak is determined to be coming from the power steering gear, follow the procedures listed below.

**NOTE:** Service Managers should place a copy of this bulletin in section N of the workshop manual.

## INSPECTION PROCEDURE

1. Check the color of the fluid that is leaking.
  - If the fluid is red, proceed to step 3.
  - If the fluid is any color other than red, (i.e. yellow, colorless), this is grease and no problem exists with the power steering gear. Proceed to step 2.
2. Inspect the boot for damage (i.e. cracks or tears).
3. Remove the boot wire and inspect the inside of the boot for contamination (dirt, water, etc.).
  - If there is a large quantity of red fluid inside the boot, this indicates insufficient sealing. Replace the side seal and the power steering gear according to section N of the workshop manual.
  - If a minimal quantity of red fluid is present, proceed to step 4.
4. Start the engine and turn the steering wheel right and left, lock to lock.
  - If the fluid is leaking, replace the side seal and the power steering gear according to section N of the workshop manual.
  - If no fluid is leaking, no problem exists in the power steering gear.

**CAUTION: DO NOT keep the steering wheel fully turned to the locked position for more than five (5) seconds. Power steering system damage may occur.**



**CONSUMER NOTICE:** The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools / equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership.

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