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THE SMART CHOICE FOR AUTO PARTS

CHASSIS PARTS
TECH BULLETIN

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Tech Tip Bulletin
031511

Premature Tie Rod End Failure

TYPICAL PROBLEM

Premature tie rod end failure is commonly caused by contaminants leaking past the OE boot retaining ring. The original design is non-serviceable and unable to flush out contaminants.

Common Cause:
Water gets trapped in the lip of the dust boot and seeps past the retaining ring.

Inspection Tips:

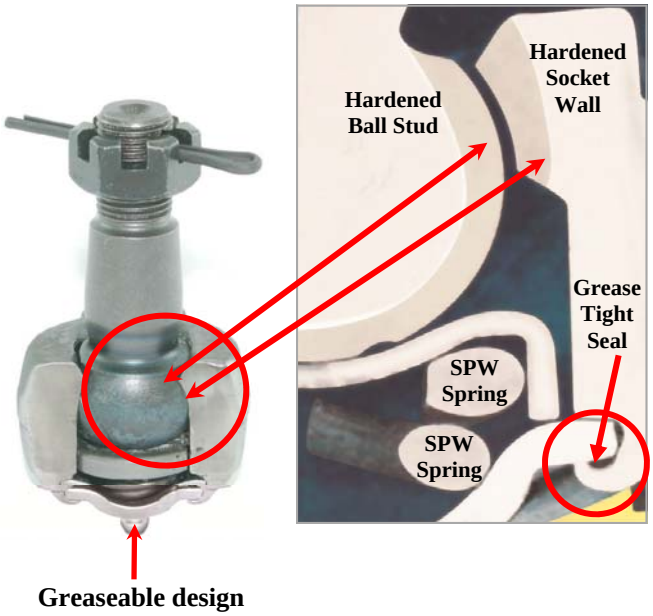
- With the vehicle on the ground, rotate the steering wheel back & forth and observe the tie rod end movement. If there is any perceptible movement, the tie rod needs to be replaced.
- Lift the bottom of the boot and inspect the tie rod stud. If there is any sign of corrosion the part needs to be replaced.

TECH SELECT SOLUTION

Pronto® Tie Rod Ends

- Pronto® tie rod ends are made with high grade Molybdenum alloy steel ball studs running on a carbon steel socket wall.
- Socket walls are **forged vs. cast** to provide greater strength-to-weight ratio.
- **"SPW"** Spring design provides better energy absorption and ensures the ball socket remains correctly positioned in all driving conditions.
- **"Grease Tight Seal"** design is watertight and ensures lubrication stays in the assembly & won't leak.
- Greaseable design allows fresh grease to displace any debris away from the assembly.

Pronto® Tie Rod End Features:



For more specific application information, please check our website at: www.falconsteering.com