

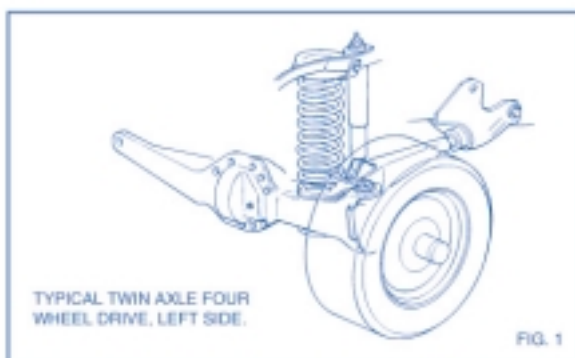
TechProSM Bulletin

chassis

SERVICE TIPS FOR THE PROFESSIONAL TECHNICIAN

BULLETIN CQ5-98

AXLE SEAL SERVICE PRECAUTIONS FORD TWIN AXLE FOUR WHEEL DRIVE

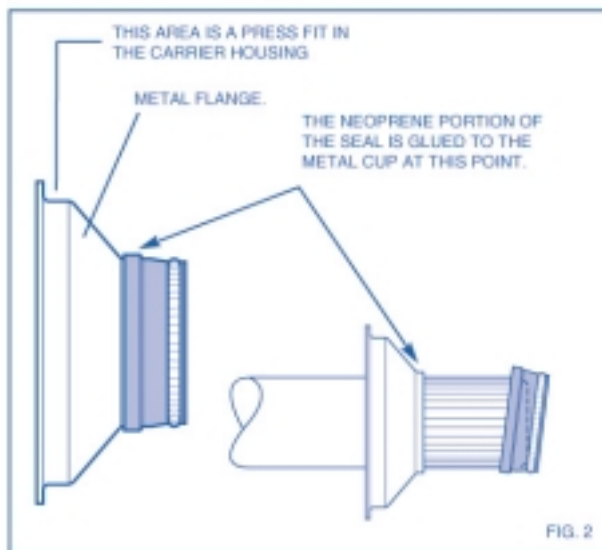


If care is not exercised when re-installing the axle shaft the neoprene portion of the seal can become separated from the metal flange, figure 2. If this happens lubricant will be lost from the differential and the seal will have to be replaced.



When servicing ball joints on twin axle Ford four wheel drive vehicles, be aware that the left side carrier seal can be easily damaged when re-installing the left axle. The left axle is removed for universal joint or ball joint service, figure 1.

The carrier seal is made up of two components, a metal flange, or cup and a neoprene seal which is glued to the metal flange, figure 2.



To avoid damaging the seal carefully align the axle shaft and be sure the shaft is clean and free of burrs when re-installing it.

If the seal is damaged, it can be removed carefully with a hand chisel, or a special puller may be used, figure 3. Use a suitable socket or seal driver to seat the new seal in the housing.



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