

# AXLE—LEAKS—HUB SEAL LEAK—VEHICLES WITH FORD DESIGN FULL FLOATING 10.25 INCH (260MM) AXLES

Article No.  
94-19-24

**FORD:** 1986-1994 F-250, F-350

## **ISSUE**

Beginning 5/2/94 an improved rear hub oil seal, oil slinger and hub inner bearing went into production for the subject vehicles. The purpose of the improvements is to reduce the possibility of hub seal leaks on the Ford design 10.25" (260mm) Ring Gear Full Float Hub.

## **ACTION**

Install a new service kit on subject vehicles whenever the old style hub seal is serviced to upgrade to the latest level.

## **BACKGROUND**

The new rear hub inner cone and roller bearing is 0.032" (.813mm) shorter than the old cone and roller bearing to compensate for the thickness of the oil slinger.

## **NOTE**

**NEVER MIX THE OLD PARTS WITH THE NEW PARTS AS THEY ARE NOT INTERCHANGEABLE.**

If a hub seal has to be replaced for any reason, follow the procedure shown on Instruction Sheet #6498 included in the service kit (F4TZ-1177-C).

## **FULL FLOATING REAR AXLE IDENTIFICATION**

A GREEN label will be affixed to each brake drum to identify and track the first rear axles built with the new oil slinger, seal and bearing from 5/1/94 through 5/31/95. The label will read: "ATTENTION TECHNICIAN, IF THE HUB ASSEMBLY NEEDS SERVICE, CONTACT FORD ENGINEERING FOR ASSISTANCE: 1-800-FORD-AXL, (USA). CANADA: (810) 826-5326." As in the past, the rear axle build date, ratio, ring gear size and plant code will be shown on the embossed metal Service Identification Tag which is located on the rear axle cover.

- The new rear hub oil seal, slinger and inner bearing will be available as separately serviced items and in kit form.
- These parts are available for all 1986 through 5/1/94 built F-250 and F-350 vehicles equipped with a Ford design Full Floating 10.25"(260mm) Ring Gear Rear Axle.

## **NOTE**

**THE KIT IS NOT REQUIRED IF, AFTER DISASSEMBLY, YOU DISCOVER THE HUB CONTAINS AN OIL SLINGER AS SHOWN IN FIGURE 1.**

The service kit (F4TZ-1177-C) contains, an oil slinger (F4TZ-1250-B), oil seal (F4TZ-1177-B) and inner cone and bearing (F4TZ-1244-A).

| PART NUMBER | PART NAME             |
|-------------|-----------------------|
| F4TZ-1177-C | Service Kit           |
| F4TZ-1177-B | Oil Seal              |
| F4TZ-1250-A | Oil Slinger           |
| F4TZ-1244-A | Inner Cone And Roller |

**OTHER APPLICABLE ARTICLES:** NONE

**WARRANTY STATUS:** Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage For 1992-94 Models, Basic Warranty Coverage For 1986-91 Models

| OPERATION | DESCRIPTION              | TIME     |
|-----------|--------------------------|----------|
| 941924A   | Install Kit - One Side   | 1.1 Hrs. |
| 941924B   | Install Kit - Both Sides | 2.0 Hrs. |

## Article No. 94-19-24 Cont'd.

### DEALER CODING

BASIC PART NO.

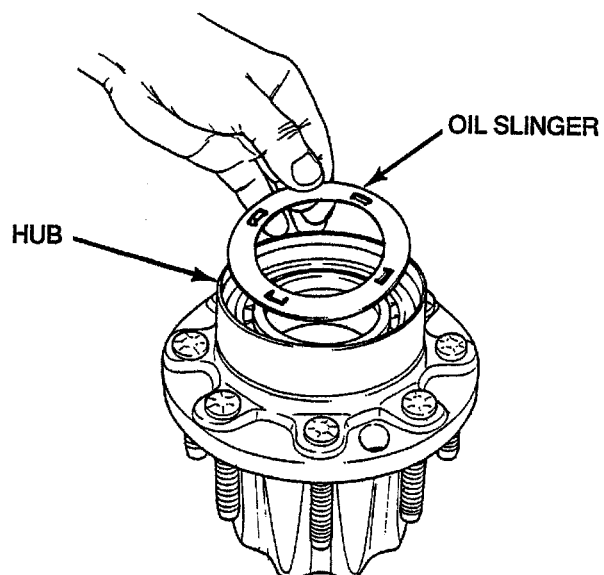
1177

**OASIS CODES:** 509000

CONDITION

CODE

08



**TB-3730-A**

Figure 1 - Article 94-19-24