

- **ENGINE—4.9L—“KNOCKING” NOISE ON INITIAL START-UP**
- **NOISE—4.9L “KNOCKING” NOISE ON INITIAL START-UP**

**Article No.
95-8-8**

FORD: 1984-1995 BRONCO, ECONOLINE, F-150-350 SERIES

This TSB is being republished in its entirety to include the 1995 model year.

ISSUE

An engine knock of about 3-5 seconds may be heard on initial start-up, after an extended soak time (eight hours or more). This may be due to insufficient oil at the engine bearings, caused by engine oil drainback from the engine oil filter.

ACTION

Install an anti-drainback engine oil filter adapter. Refer to the following procedure for service details.

SERVICE PROCEDURE

1. Drain and discard engine oil.
2. Remove and discard engine oil filter.
3. Remove and discard engine oil filter adapter insert.
4. Install the service replacement anti-drainback engine oil filter adapter insert (E4TZ-6890-A).
5. Tighten the anti-drainback insert to 15-35 lb-ft (20-48 N•m).
6. Lightly lubricate the gasket surface of the new oil filter (FL-1A).
7. Install the new engine oil filter to the cylinder block and rotate the engine oil filter one-half turn after the gasket contacts the sealing surface.

8. Fill the engine with the proper grade and amount of engine oil, as specified in the appropriate Owner Guide.

PART NUMBER	PART NAME
E4TZ-6890-A	Engine Oil Filter Mounting Insert
D9AZ-6731-A	Engine Oil Filter

OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 94-11-22

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage For 1992-95 Models, Basic Warranty Coverage For All Other Models

OPERATION	DESCRIPTION	TIME
950808A	Replace Oil Filter Mounting Insert Assembly - All Vehicles	0.4 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6890	39

OASIS CODES: 401000, 497000, 499000