

FEAD—BELT TENSIONER WEAR—VEHICLES WITH 7.3L DI TURBO ENGINE

Article No.
98-23-14

FORD: 1995-1997 F SUPER DUTY
1995-1998 ECONOLINE, F-250 HD, F-350

ISSUE

Premature wear of the belt tensioner may occur on some vehicles. This may be due to engine torsional input to the Front Engine Accessory Drive (FEAD) system causing excessive tensioner arm movement.

ACTION

Replace single arm tensioner with new dual arm tensioner. Refer to the following Service Procedure for details.

SERVICE PROCEDURE

Refer to the appropriate Service/Workshop Manual for procedure details for the following:

1. Remove drive belt, alternator, belt tensioner, grooved idler pulley, flat idler pulley, and alternator mounting bracket.
2. Modify the alternator mounting bracket as follows:
 - a. Cut off the support boss for the grooved idler pulley. The boss must be cut off flush with the side of the bracket support ribs (Figure 1).
 - b. Cut the boss support rib down 12mm (0.5") from the boss to support rib of the bracket (Figure 2).
 - c. Modified bracket should appear as in Figure 3.

3. Mount the dual arm tensioner onto the alternator mounting bracket and verify that it lies flat on the mounting surface of the bracket.
4. Reinstall bracket/tensioner assembly, flat idler pulley, and alternator. Install new drive belt. The grooved idler is no longer required, discard this part. Remove old belt routing decal and install new belt routing decal.

PART NUMBER	PART NAME
F8UZ-6B209-CA F8TZ-8620-FB	Dual Arm Tensioner Drive Belt - 8 PVKx3132mm (1994-1/2 F-Series With DI Turbo And MT, All 1995-98 With DI Turbo 7.3L Engine)
F8UZ-8620-BA	8-Rib - PVKx3103mm Effective Length (Used With All 1997-98 Econoline With 7.3L DI Turbo Engine)
F8UZ-8B656-AB	Decal - Belt Routing (Used With All Models)

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage And Powerstroke Diesel Engine Warranty Coverage

OPERATION	DESCRIPTION	TIME
982314A	Replace Tensioner (F-Series)	1.0 Hr.
982314B	Replace Tensioner (Econoline)	1.1 Hr.

Article No. 98-23-14 Cont'd.

DEALER CODING

BASIC PART NO.

6B209

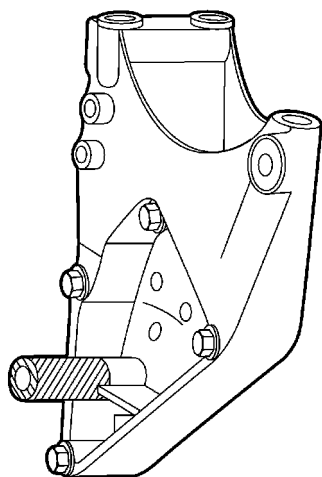
OASIS CODES: 497000, 499000

CONDITION

CODE

30

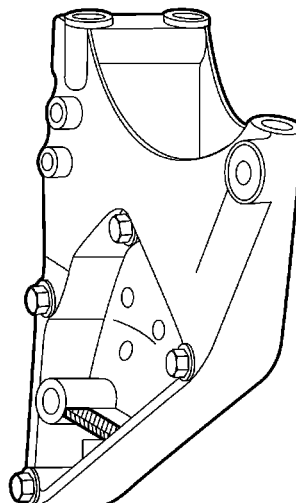
CUT BOSS FLUSH WITH SIDE OF BRACKET



TB-5588-A

Figure 1 - Article 98-23-14

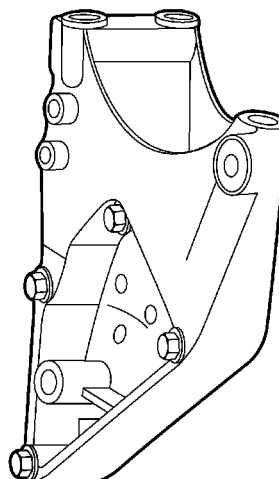
CUT SUPPORT RIB 12mm (0.5")
FROM THE BOSS TO SUPPORT RIB OF BRACKET



TB-5589-A

Figure 2 - Article 98-23-14

FINAL MODIFIED BRACKET



TB-5590-A

Figure 3 - Article 98-23-14