

**FRONT END ACCESSORY DRIVE (FEAD) BELT—
BELT NOISE, DAMAGE, AND/OR BELT COMES OFF—
VEHICLES WITH 4.6L ENGINE AND MANUAL
TRANSMISSION**

**Article No.
98-20-18**

FORD: 1996-1998 MUSTANG

This TSB article is being republished in its entirety to include the latest level parts.

ISSUE

The Front End Accessory Drive (FEAD) belt may become broken or frayed and/or detach from (or roll off of) the engine. This may be caused by deceleration of the engine.

ACTION

Replace the water pump pulley with a new flanged-type water pump pulley and tensioner. The flanged pulley and tensioner should reduce the possibility of belt damage and belt roll-off. Refer to the following Service Procedure for replacement details.

SERVICE PROCEDURE

1. Remove FEAD belt and discard.
2. Verify that the vehicle has the new flanged water pump pulley installed (Figure 1). If raised flange pulley is not installed, remove and discard water pump pulley. Install new Water Pump Pulley (F6ZZ-8509-AA) and torque bolts to 20-30 N•m (15-22 lb-ft).

NOTE

THE POWER STEERING PULLEY MUST BE PRESSED ON 0.67mm PAST THE END OF THE SHAFT (FIGURE 2).

3. Verify that the vehicle has the new power steering pulley installed (Figure 3). If raised flange pulley is not installed, remove and discard the power steering pulley. Install new Power Steering Pulley (F7ZZ-3A733-AA).
4. On the bottom of the power steering pump there is a power steering line orientation clip that is mounted with a single fastener. Remove and discard the clip. Install the replacement Power Steering Orientation Clip (F7ZZ-3E523-AA).

5. Locate the automatic belt tensioner. If a tensioner positive stop is installed over the tensioner and the part number stamped on the bottom of the positive stop is F7ZE-19A439-AB, remove and discard the positive stop and belt tensioner.
6. If the positive tensioner stop was not installed on the vehicle, remove the three (3) fasteners that mount the automatic belt tensioner. Retain the nut. Discard the tensioner, belt guide and both bolts (Figure 4).
7. Install the new steel Tensioner (F8ZZ-6B209-BA) using one (1) existing stud and two (2) new Studs (N807336-S2) (Figure 5). Torque the studs and nuts to 20-30 N•m (15-22 lb-ft).
8. Install a new FEAD Belt (F8AZ-8620-AA).
9. Install the Tensioner Positive Stop (F7ZZ-19A439-AC) onto the two (2) studs that mount the tensioner (Figure 5). Fasten the stop bracket with two (2) Nuts (N804178-S309). Torque the nuts to 20-30 N•m (15-22 lb-ft).

PART NUMBER	PART NAME
F6ZZ-8509-AA	Water Pump Pulley
F8ZZ-6B209-BA	Tensioner
F8AZ-8620-AA	Front End Accessory Drive (FEAD) Belt
N807336-S2	Studs
F7ZZ-19A439-AC	Tensioner Positive Stop
N804178-S309	Nuts
F7ZZ-3E523-AA	Power Steering Orientation Clip
F7ZZ-3A733-AA	Power Steering Pulley

OTHER APPLICABLE ARTICLES: NONE

SUPERSEDES: 97-21-9

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage

OPERATION	DESCRIPTION	TIME
982018A	Repair As Outlined - 4.6L DOHC	0.9 Hr.
982018B	Repair As Outlined - 4.6L MFI	0.7 Hr.

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DEALER CODING

BASIC PART NO.	CONDITION CODE
8509	42

OASIS CODES: 203100, 206000, 208000, 208999,
402000, 497000, 499000

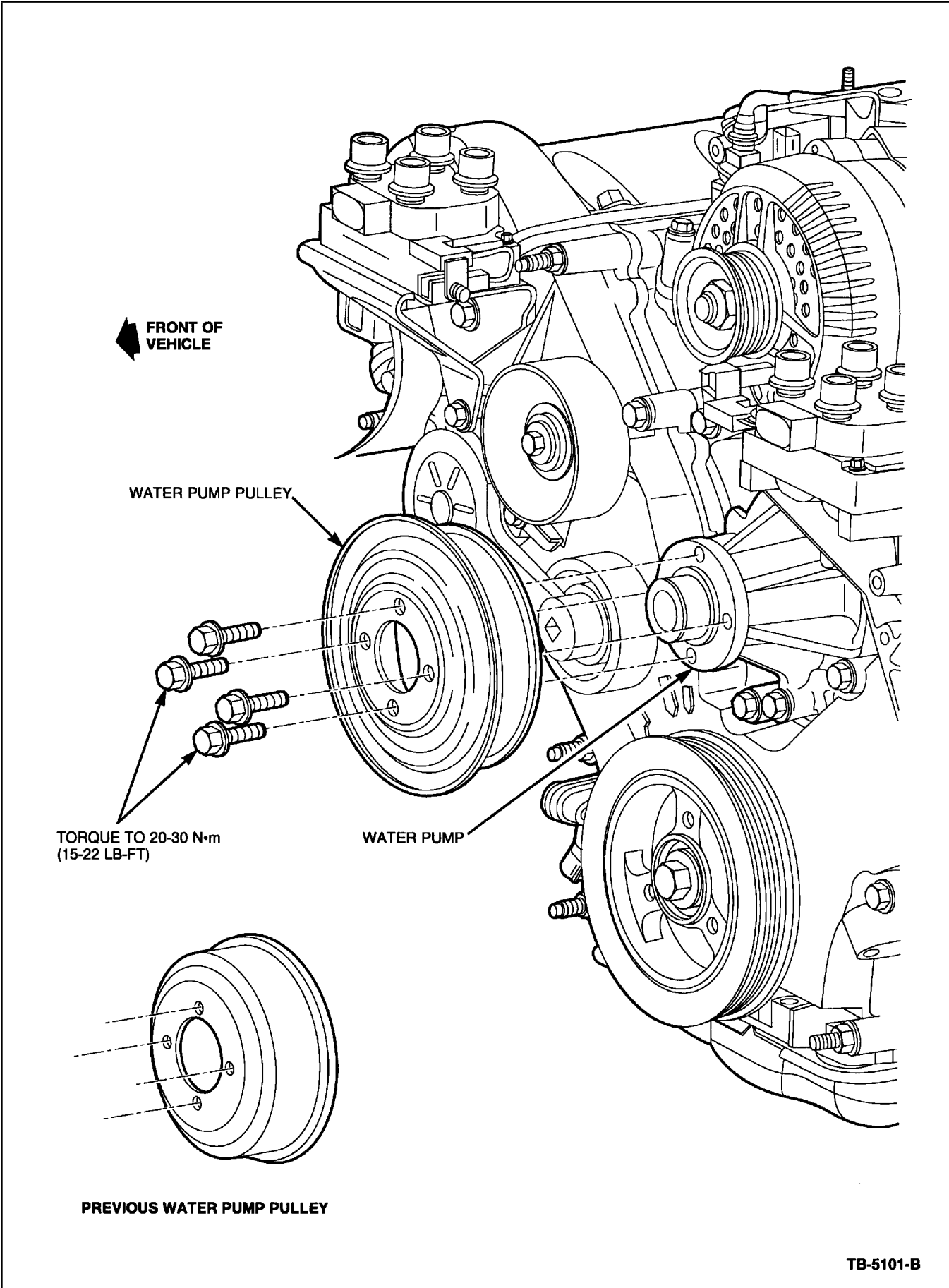


Figure 1 - Article 98-20-18

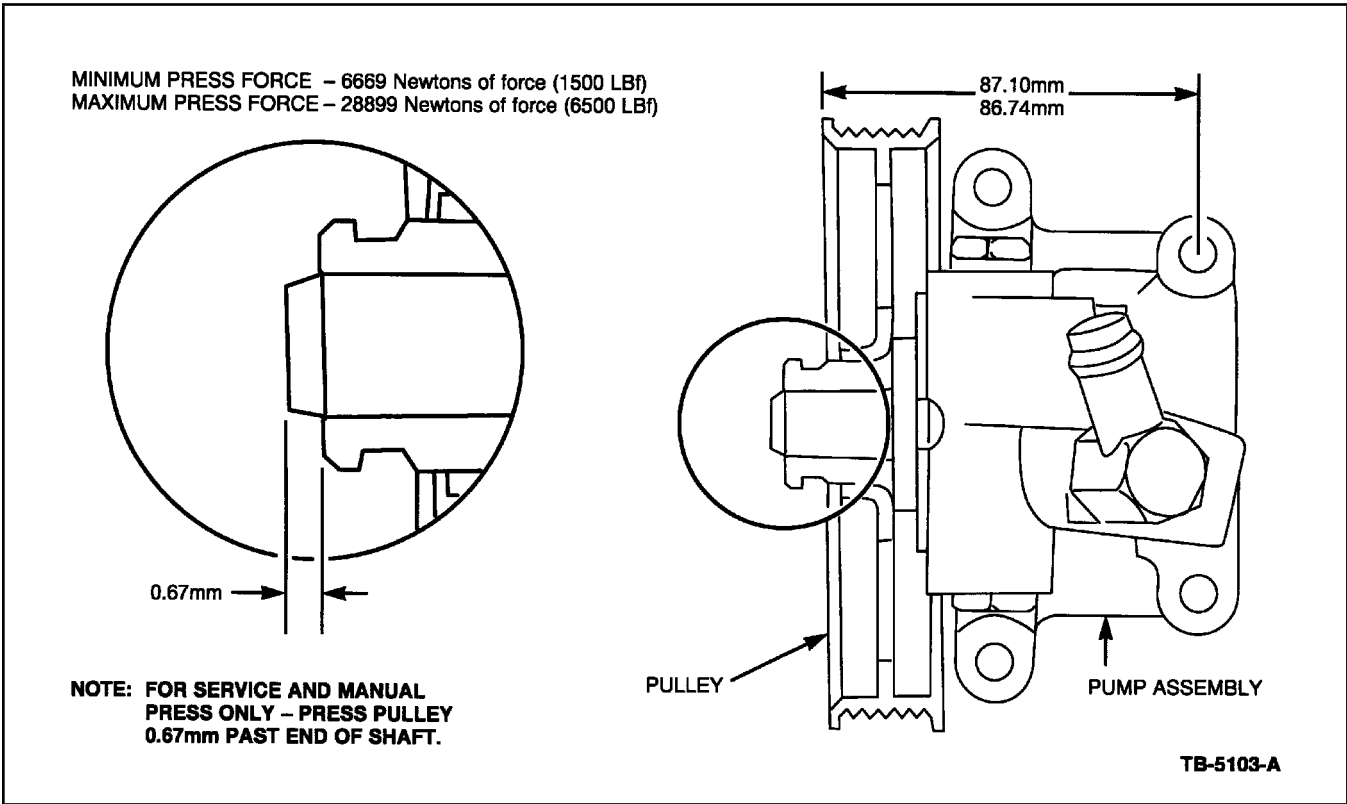


Figure 2 - Article 98-20-18

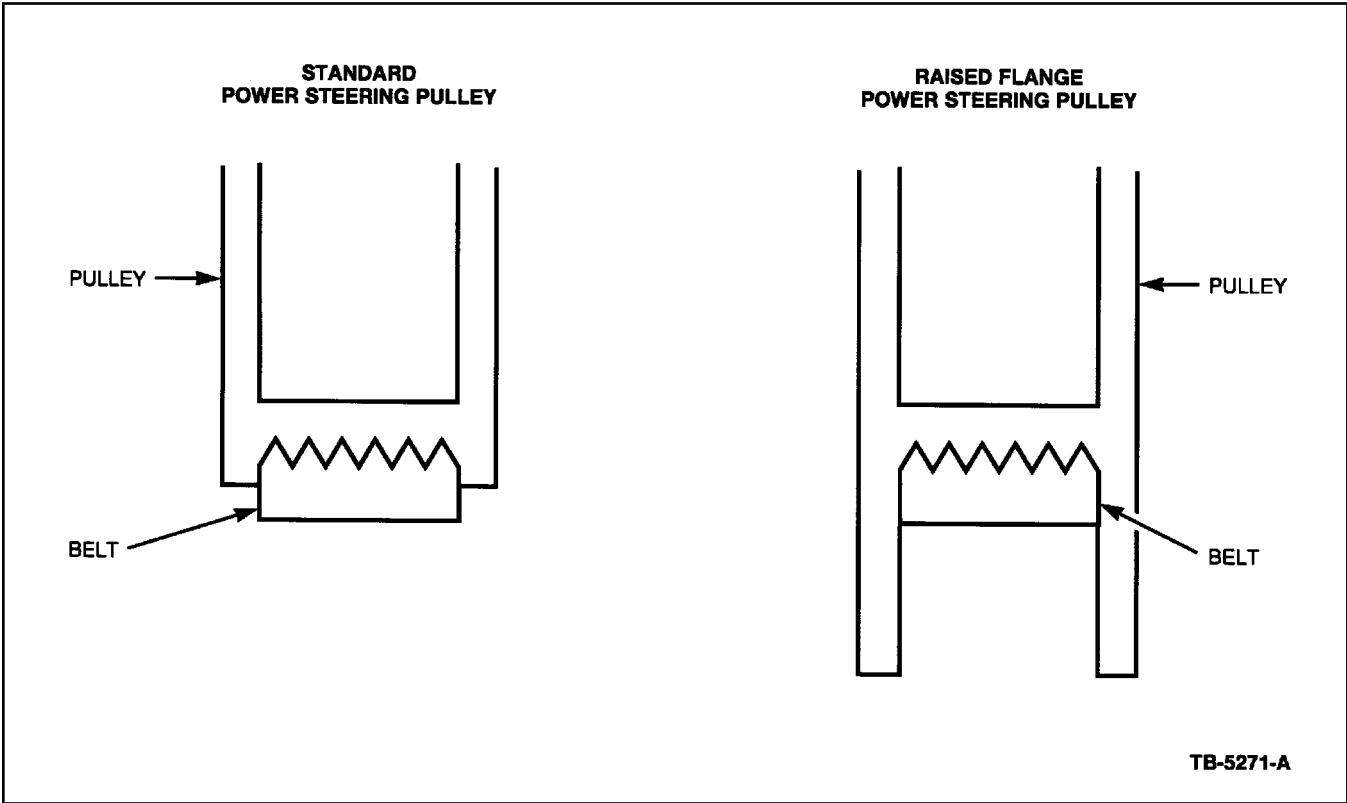


Figure 3 - Article 98-20-18

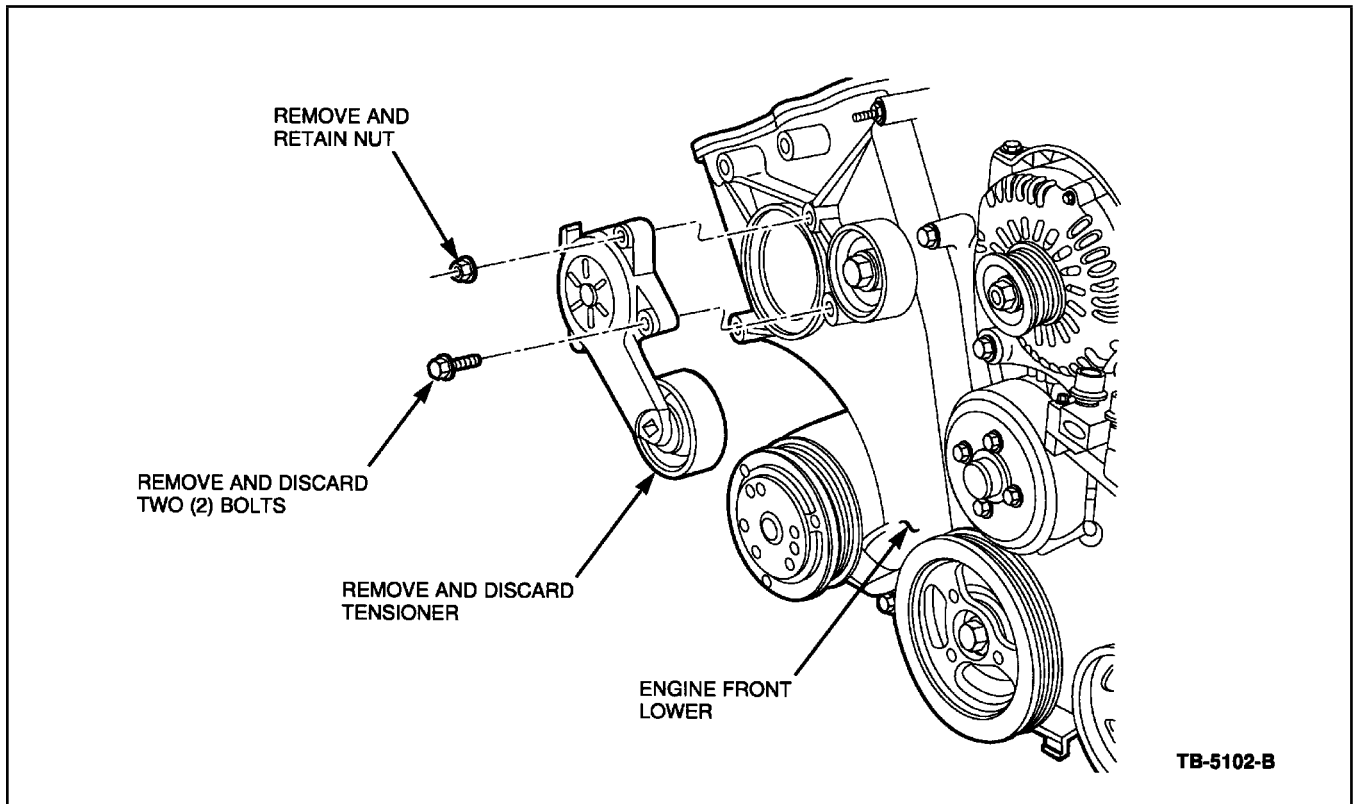


Figure 4 - Article 98-20-18

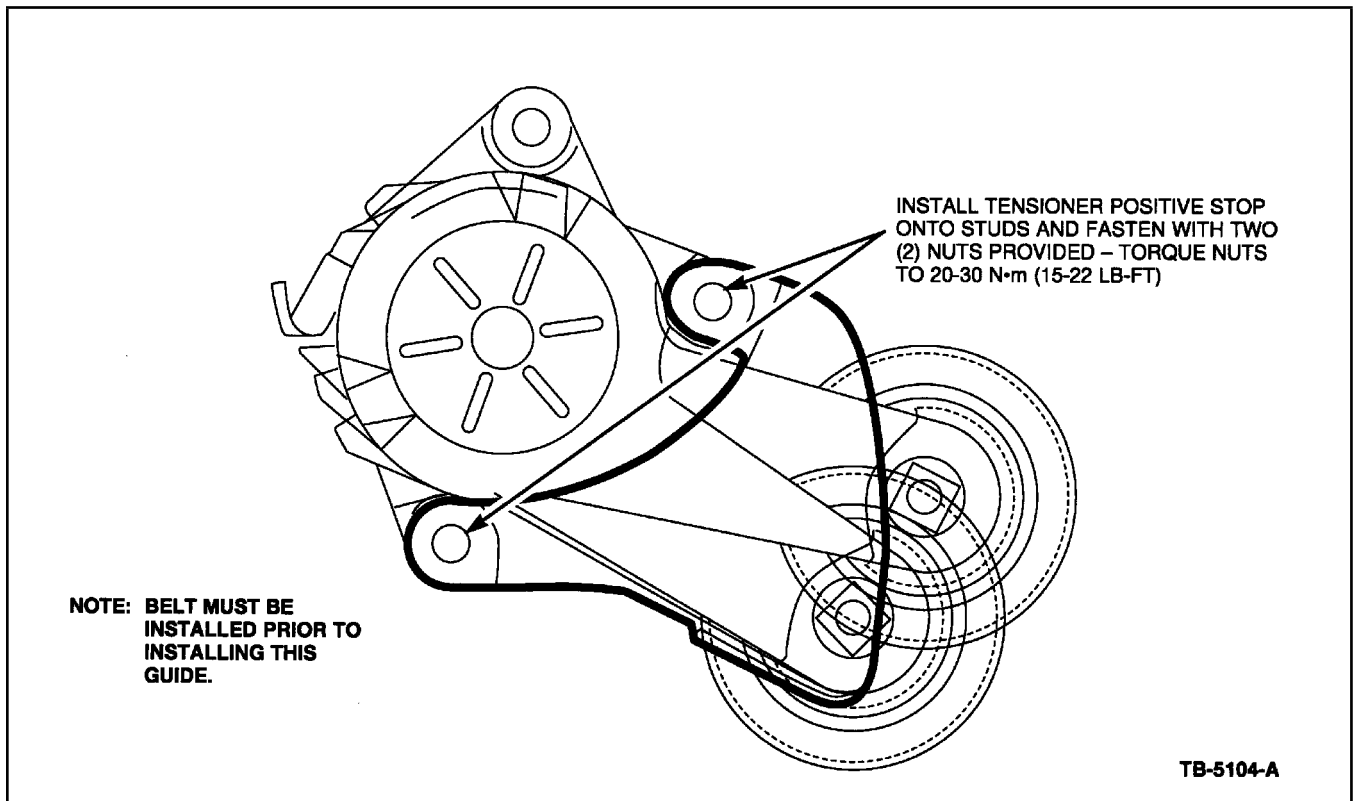


Figure 5 - Article 98-20-18