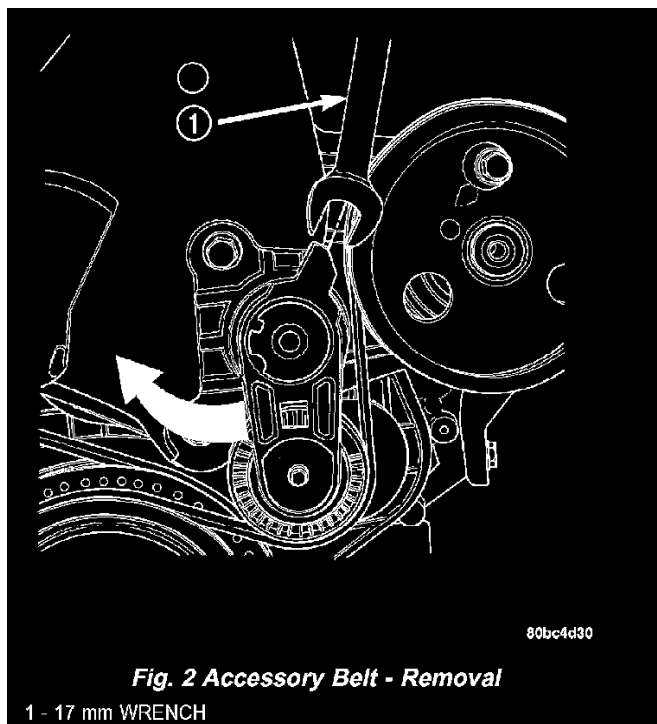


Drive Belt: Service and Repair

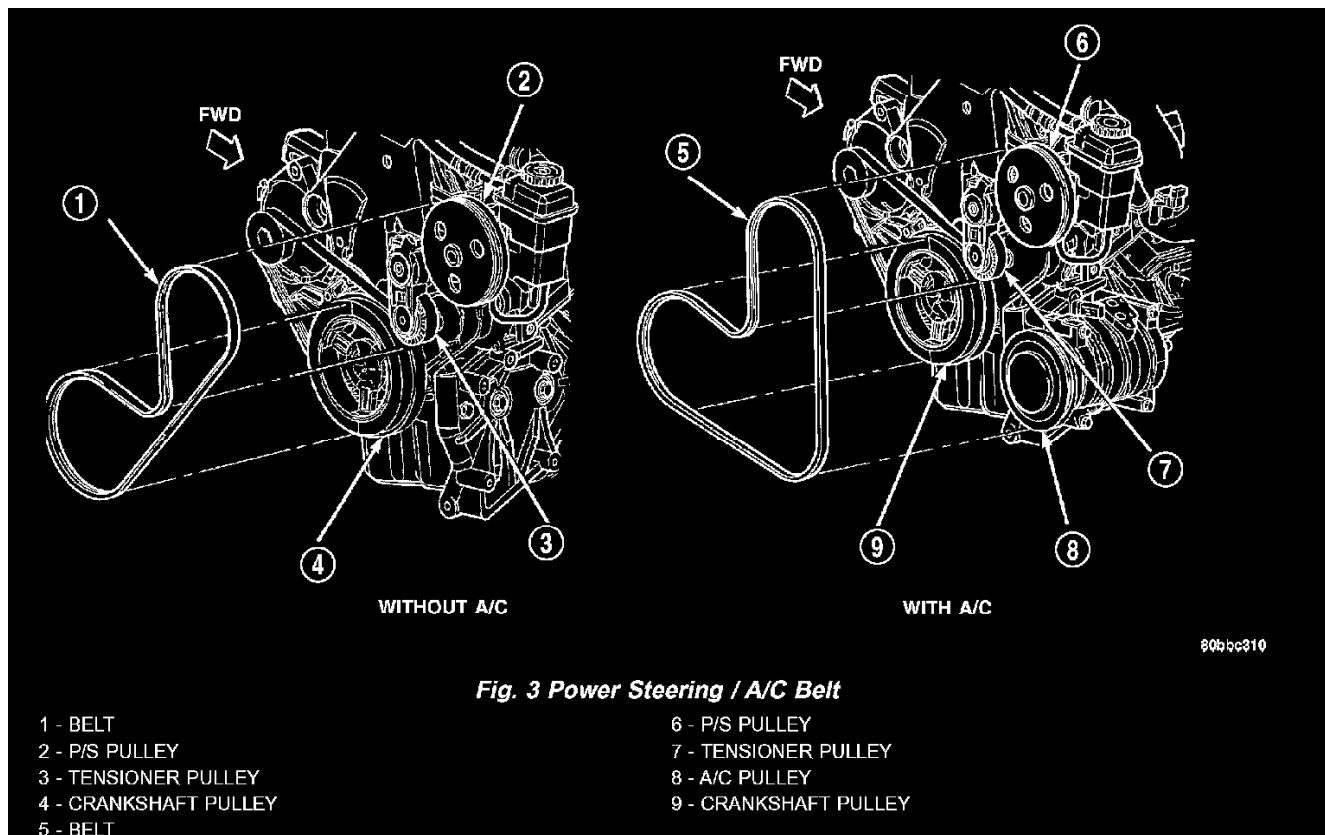
Power Steering Belt

REMOVAL

POWER STEERING PUMP AND AIR CONDITIONING COMPRESSOR BELT



- Using a 17 mm wrench, rotate belt tensioner clockwise (Fig. 2) until belt can be removed from power steering pump pulley. Gently, release spring tension on tensioner.



- Remove the drive belt (Fig. 3).

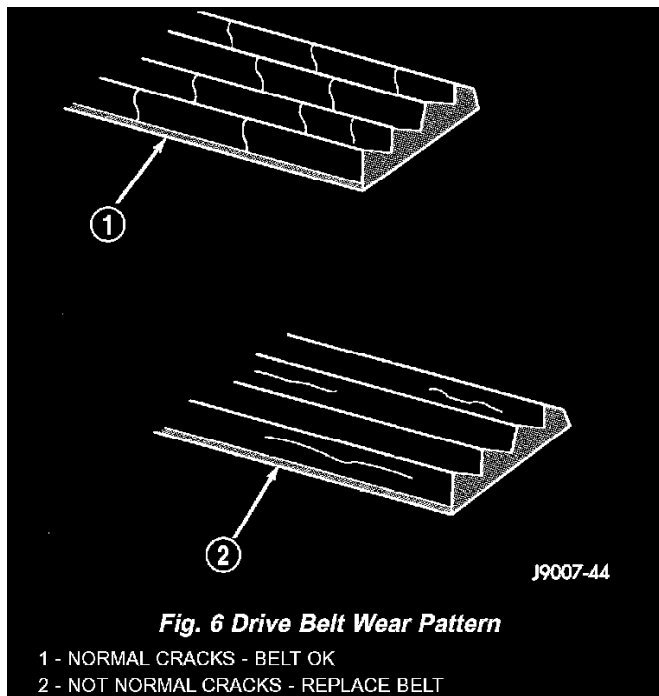
CLEANING

Clean all foreign debris from belt pulley grooves. The belt pulleys must be free of oil, grease, and coolants before installing the drive belt.

INSPECTION

Belt replacement under any or all of the following conditions is required:

- ^ Excessive wear
- ^ Frayed cords



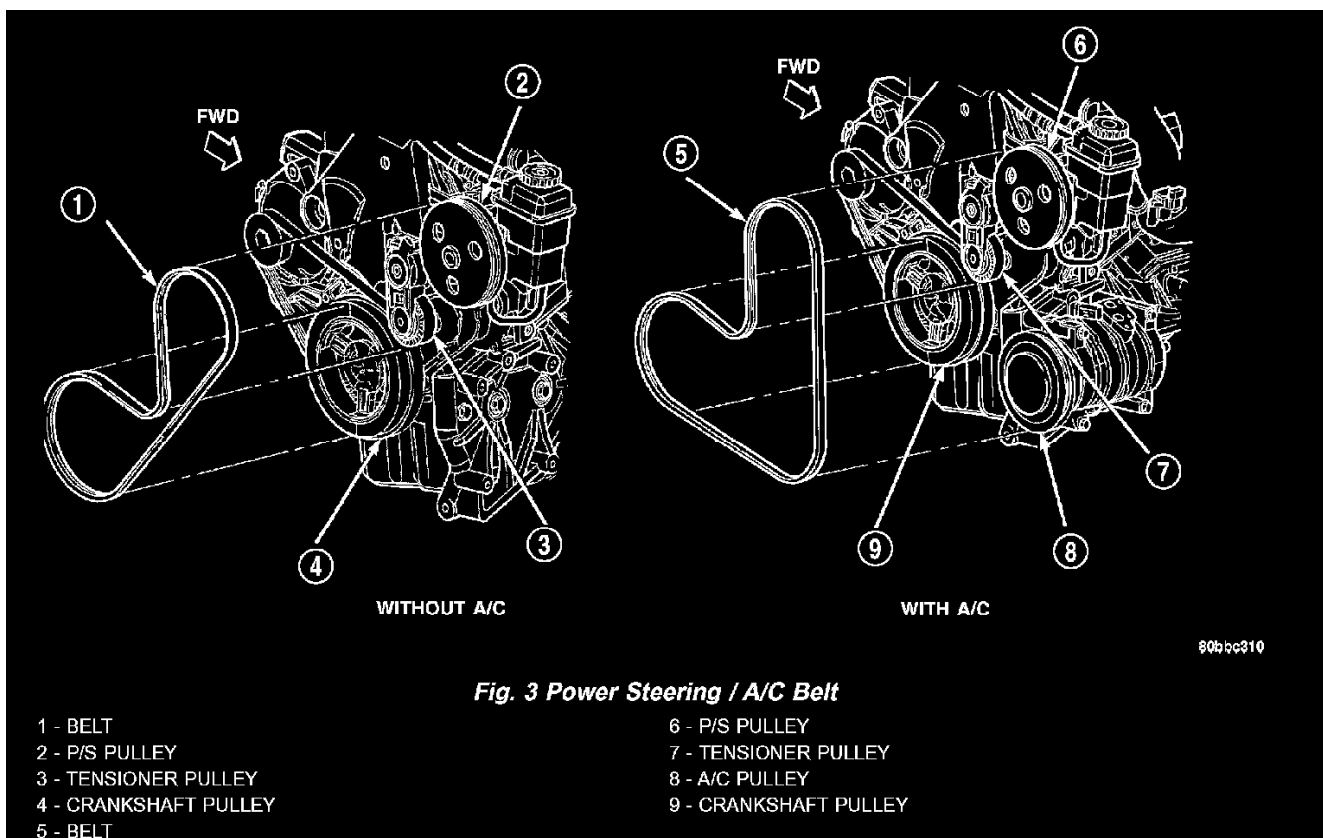
^ Severe glazing Poly-V Belt system may develop minor cracks across the ribbed side (due to reverse bending). These minor cracks are considered normal and acceptable. Parallel cracks are not (Fig. 6).

NOTE: Do not use any type of belt dressing or restorer on Poly-V Belts.

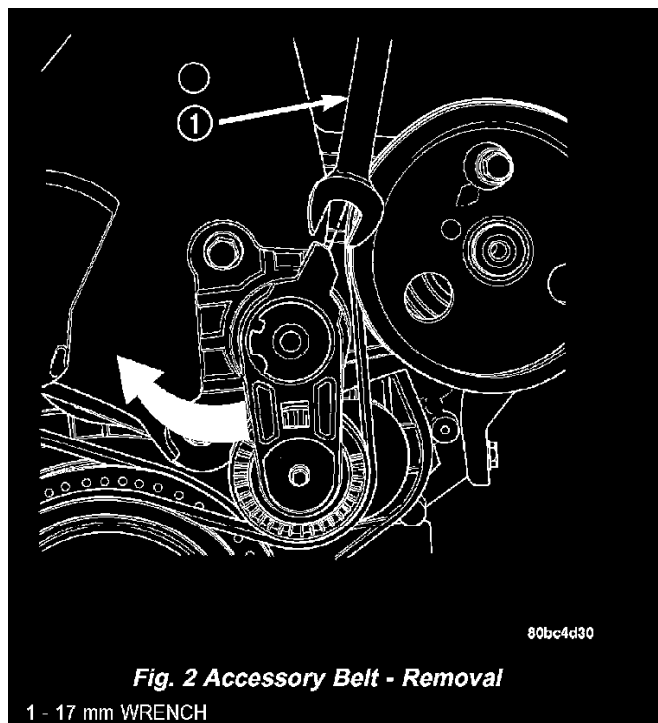
INSTALLATION

NOTE: When installing drive belt on the pulleys, make sure that belt is properly routed and all V-grooves make proper contact with pulley grooves.

POWER STEERING PUMP AND AIR CONDITIONING COMPRESSOR BELT



1. Install the drive belt (Fig. 3) over all the pulleys except for the power steering pump pulley



2. Using a 17 mm wrench, rotate belt tensioner clockwise (Fig. 2) until belt can be installed on the power steering pulley Release spring tension onto belt.

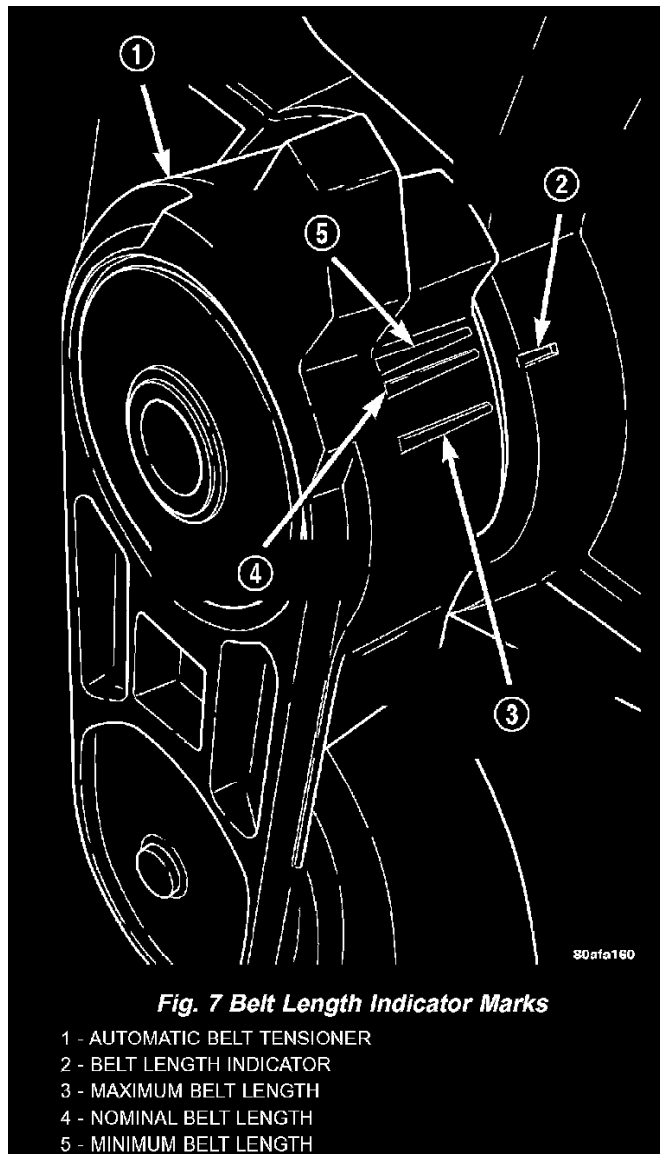


Fig. 7 Belt Length Indicator Marks

- 1 - AUTOMATIC BELT TENSIONER
- 2 - BELT LENGTH INDICATOR
- 3 - MAXIMUM BELT LENGTH
- 4 - NOMINAL BELT LENGTH
- 5 - MINIMUM BELT LENGTH

3. After belt is installed, inspect belt length indicator marks (Fig. 7). The indicator mark should be within the minimum belt length and maximum belt length marks. On a new belt, the indicator mark should align approximately with the nominal belt length mark.

Accessory Drive Belt	Belt Tension		
	Power Steering Pump & A/C Compressor	Dynamic Tensioned	
Generator	New	135 lbs.	224 – 252 Hz
	Used*	70 lbs.	172 – 181 Hz
*A belt is considered used after 15 minutes of run-in time.			

DRIVE BELT TENSION CHART