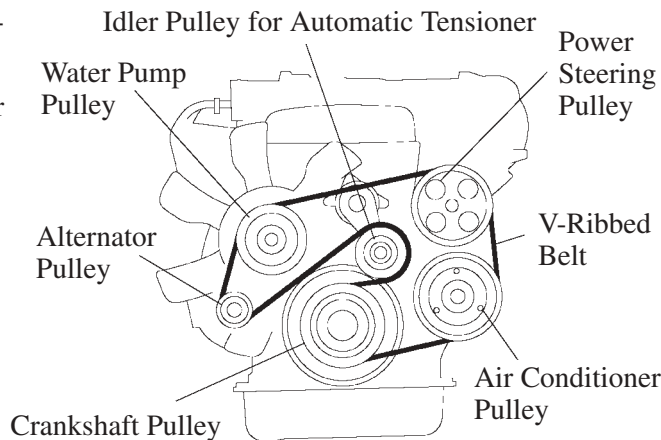


■ SERPENTINE BELT DRIVE SYSTEM

1. General

- Accessory components are driven by a serpentine belt consisting of a single V-ribbed belt.
- An automatic tensioner eliminates the need for tension adjustment.



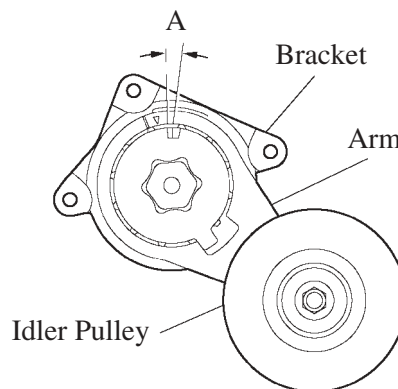
2. Automatic Tensioner

204EG29

General

The automatic tensioner uses the torsional force of a coil spring to keep the belt tension constant, making belt adjustments unnecessary. In addition, scale marks on the arm and bracket indicate when the V-ribbed belt must be replaced.

NOTE: New belt-within the “A” range, as illustrated on the right.



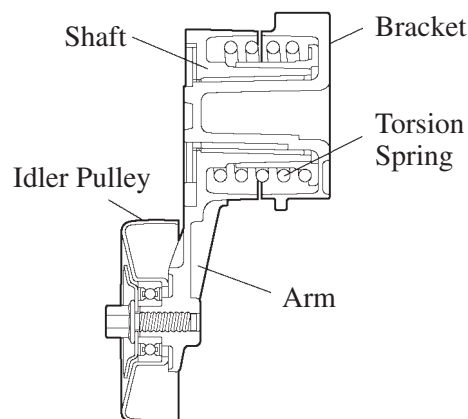
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Automatic Tensioner

Construction

The automatic tensioner consists of an idler pulley, arm and bracket. The bracket is mounted on the engine, and the arm moves on the bracket shaft as its axis. An idler pulley shaft is integrated at the end of the arm.

The torsion spring exerts force on the arm, and the idler pulley applies tension to the belt.



204EG31

Automatic Tensioner Cross Section