DAMPER PULLEYS

Removal/Installation information

The damper pulley drives all of the engines accessories system
So it is important that it functions correctly.

Why replace the damper pulley?

Simplicity and cost reduction:

When your engine's timing belt is due for replacement, replace the damper pulley at the same time, this helps reduce vehicle downtime and costs

Safety:

Damper pulley failure may cause the air conditioning system and the alternator to stop functioning correctly.

Comfort:

Damper pulley wear can cause noise and vibration, this in turn can cause the alternator, air conditioning system, and power steering system to failure. All problems that are costly and annoying for the driver.

Pulley environment:

Due to the position of the damper pulley at the bottom of the engine, it is prone to damage from oil or coolant leaks that damage the pulleys seals, road debris such as stones can also have a major effect on the damper pulley over time.

If symptoms such as:

- **Unusual vibrations inside the passenger compartment**
- **Accessory belt squealing**
- **Unusual noise or knocking**

It is recommended that the damper pulley is checked as soon as possible.

Removal recommendations

- **Never use** a screwdriver, extractor or other tools that apply force to the outer ring of the pulley.

- **Never heat** the pulley to remove it, heating the pulley with a heat gun, blow torch or other heat source risks damaging the rubber, deforming the assembly diameter or warping the pulley

- **Use the appropriate tools is required.** We

Installation recommendations

- **Prevent impacts** to the face in contact with the timing belt sprocket, the bolt seat, the seal seat and the accessory belt (risk of incorrect tightening, leakage, and belt wear).

- **Do not exceed** the manufacturers tightening torque, to do so may cause the retaining bolt to shear. A torque wrench must be used to tighten the retaining bolt to the recommended torque setting.
- **Never start the engine** without the accessory belt in place.

- **Avoid all contact** with oil, solvents, fuel, acids or coolants (risk of damage to rubber components).

- **Any new part that suffers an impact (a dropped or knocked part) may not function correctly if fitted, a close inspection should be made, if the pulley sustains an impact, if any damage is found the pulley should be replaced.**
- **To avoid oxidation, always wear clean, dry gloves when handling parts.**

FOLLOW THE RECOMMENDATIONS
OF THE VEHICLE MANUFACTURER.

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