

# **Component Procedures: Drive Belt Tensioner**

## **Table of Contents**

1. Parts and Labor (itype\_189)
2. Drive Belt Tensioner Replacement (Article 12170)
3. Drive Belt Tensioner Diagnosis (Article 12031)

# Component Procedures: Drive Belt Tensioner

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Serpentine Tensioner	12626644	Serpentine Tensioner	126.35	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Belts & Pulleys > Serpentine Tensioner, R&R	B	0.5	0.3

## Drive Belt Tensioner Replacement (Article 12170)

Callout Component Name

Preliminary Procedure Remove the drive belt . Refer to Drive Belt Replacement . Remove the power steering pump pulley. Refer to Power Steering Pump Pulley Replacement ..

Preliminary Procedure

- Remove the drive belt . Refer to Drive Belt Replacement .
- Remove the power steering pump pulley. Refer to Power Steering Pump Pulley Replacement ..

1 Drive Belt Tensioner Fasteners Caution: Refer to Fastener Caution . Tighten 25 Nm (18 lb ft)

25 Nm (18 lb ft)

2 Drive Belt Tensioner

## Drive Belt Tensioner Diagnosis (Article 12031)

Step Action Yes No

1 Remove the drive belt and inspect the drive belt tensioner pulley. Is the drive belt tensioner pulley loose or misaligned? Go to Step 4 Go to Step 2

2 Rotate the drive belt tensioner. Does the tensioner rotate without any unusual resistance or binding? Go to Step 3 Go to Step 4

3 Use a torque wrench in order to measure the torque required to move the tensioner off of the stop. Use a torque wrench on a known good tensioner in order to measure the torque required to move the tensioner off of the stop. Is the first torque reading within 10 percent of the second torque reading? System OK Go to Step 4

- Use a torque wrench in order to measure the torque required to move the tensioner off of the stop.

- Use a torque wrench on a known good tensioner in order to measure the torque required to move the tensioner off of the stop.

4 Replace the drive belt tensioner. Is the repair complete? System OK —