



## TECH NOTE

### AUTOMOTIVE – SYNCHRONOUS BELT DRIVE SYSTEM

# INSTALLATION PROCESS FOR TENSIONER T43143

There is a small difference between the Gates T43143 tensioner (Fig. 1) and its OE equivalents (Fiat 55574864 and GM 5636131 or 55570290). Although T43143 has no holes to lock the tensioner with a retaining pin, the procedure outlined below makes belt installation easy.

1. Put the tensioner in place:  
Locating lug (1 in Fig. 2) correctly positioned.

2. Torque the installation bolt to 25 Nm, while holding the tensioner in place with a 6 mm Allen Key (2 in Fig. 2).

3. Install the belt over the tensioner pulley by rotating the tensioner clockwise to the stop, using the same Allen key.

4. Gradually release the tensioner towards the belt.

The OE tensioner is preloaded and, therefore, needs a retaining pin (seen from the back of the tensioner). By following the steps above, the spring inside the Gates tensioner has been loaded (blue arrow in Fig. 3).



Fig. 1



Fig. 2



Fig. 3

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#### PART NUMBER:

- T43143
- TCK338
- TCKWP338

#### MAKE:

- Holden
- Vauxhall
- Opel
- Chevrolet
- Saab
- Fiat
- Alpha Romeo

#### ENGINE:

- 1.6L Diesel
- 1.8L Diesel