



TECH NOTE



AUTOMOTIVE – SYNCHRONOUS BELT DRIVE SYSTEM

INSTALLATION PROCESS FOR TENSIONER T43143

BULLETIN: TSB0025_AU

PART NUMBER:

- T43143
- TCK338
- TCKWP338

MAKE:

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

ENGINE:

- 1.6L Diesel
- 1.8L Diesel

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.



Fig. 1

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).



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.



Fig. 3

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).