



# Technical Service Bulletin

## AUTOMOTIVE <> PASSENGER CAR SYNCHRONOUS BELT DRIVE SYSTEM

### BULLETIN PA002-15

#### > PART NUMBER:

T43143

#### > MAKE:

Chevrolet  
Pontiac  
Saturn  
Suzuki

#### > MODEL:

Aveo  
Cruze  
Sonic  
G3  
G3 Wave  
Wave  
Astra  
Swift

#### > YEAR:

2009-2016

#### > ENGINE:

1.6L  
1.8L

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### TIMING BELT TENSIONER INSTALLATION AND SETUP

The newly designed Gates timing belt tensioner, part number T43143, differs from the OE in that the Gates pulley does not come pre-tensioned and therefore does not require a securing pin [Fig. 1].

As a result, please adhere to the following special installation instructions:

- > Install the tensioning pulley by aligning the locating tab on the back of the tensioner to the relief on the engine [Fig. 2]. Tighten the securing bolt to 40 ft./lbs.
- > To install the timing belt, relieve the tension on the tensioning pulley by using a 6mm allen key and rotating the tensioner clockwise [Fig 3]. While holding the tensioner in this position slide the timing belt onto the tensioning pulley. The tensioner may then be released into its operating position, at which point the proper tension will be automatically applied.



Fig 1: Gates Tensioner T43143 on the left, OE GM Tensioner on the right; viewed from the back side.



Fig. 2: Locating tab on the back of Gates tensioner. Place in relief on engine to properly locate timing belt tensioner.

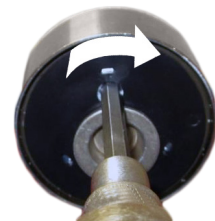


Fig. 3: Insert the allen key into the hexagon shaped recess on the front of the tensioner and turn clockwise to relieve the tension.

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