

# Continental Stretch Multi V-Belt with **Self-Tensioning** Technology

## The Belt Revolution

Since 2004, automobile manufacturers have been designing drives using self-tensioning belts. These drives do not have a mechanical tensioner to maintain constant belt tension, and they do not have an adjustment slot that allows belt installation and tensioning. The Stretch Multi V-Belt incorporates low modulus and high elongation technologies that allow the belt to be installed on these fixed drive systems and provides the "self-tensioning" capabilities necessary to maintain proper belt tension in the absence of an automatic tensioner.

Although the Stretch Multi V-Belt looks like our standard Multi V-Belt, it is dramatically different and is not interchangeable with the Multi V-Belt or any other serpentine belt. Continental Multi V-Belts should not be used on drives designed for Stretch Belts. Conversely, Stretch Multi V-Belts should not be used on drives that incorporate an automatic tensioner.

## How do Continental Stretch Belts work?

Our Stretch Multi V-Belts are uniquely designed with the latest OEM technology in EPDM compounds and nylon tensile cord. The cord is designed to elongate and stretch during installation but recover to maintain proper tension. Our Stretch Multi V-Belts are slightly shorter than fit length so, once installed, they automatically achieve the proper tension and maintain that tension over the life of the belt.

## How are Continental Stretch Belts distinguished in the market?

Our Stretch Belts are differentiated by the part number. The functional part number includes the number of ribs, length, and has an "S" suffix, indicating it is an OE Technology Series Stretch Multi V-Belt.

**Example:** 4060344S

Multi V | 6 Ribs | 34.4" Long | Stretch



## Installation Guidelines

### Know your original equipment

Installation of the Stretch Multi V-Belt is unique and depends on the OE application. Always follow the OE installation procedures provided by the auto manufacturer. When required, use installation tool 08005 or the OE installation tool.

**Note:** Never use a screwdriver to pry the belt onto the drive. Improper installation can damage the belt.

## Installation Procedures

### Know your installation tools

Proper Stretch Multi V-Belt installation may or may not require installation tool 08005. In some cases, a zip tie is all that is required.

#### Installation tool not required (use a zip tie)

1. Belt service should be performed by a professional technician with an appropriate level of skill and competence
2. Disconnect battery
3. Cut to remove the installed stretch belt. OE manufacturers do not recommend reusing a belt once removed from the drive
4. Place the Continental Stretch Multi V-Belt on the accessory pulley
5. Zip tie the belt onto the grooves of the pulley, securing it in place
6. Route the belt onto the crankshaft, engaging the belt partially into the grooves of the pulley
7. Manually rotate the crankshaft about a half turn to engage the belt
8. Inspect to make sure the belt is now properly seated in all the grooves of the accessory pulley and crankshaft pulley
9. Remove the zip tie
10. The belt will not require any additional tensioning
11. Reconnect the battery



#### Installation tool 08005 required

1. Belt service should be performed by a professional technician with an appropriate level of skill and competence
2. Disconnect battery
3. Cut to remove the installed stretch belt. In some cases, the main drive belt will also need removed. Follow the OE manufacturer's guidelines for removal and then reinstalling the main drive belt
4. Place the Continental Stretch Multi V-Belt on the accessory pulley
5. Install 08005 installation tool. Typically, the tool is installed on the crankshaft pulley with the flange of the tool overhanging the pulley groove
6. Manually rotate the crankshaft, pulling the belt into the pulley grooves
7. Inspect to make sure the belt is now properly seated in all the grooves of the accessory pulley and crankshaft pulley



Installation Tool  
(08005)

**Note:** Remember, each application is different, so follow the OE manufacturer's guidelines for proper stretch belt installation. As with all V-ribbed belts, proper installation is critical for maximum belt life and drive efficiencies.

For additional information, contact your local Continental Sales Representative or call 800-869-0435.