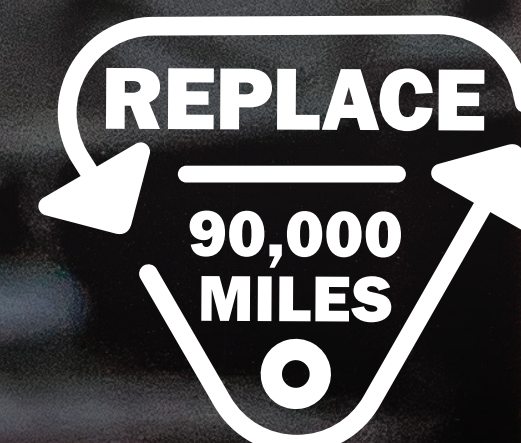




DRIVEN BY POSSIBILITY™

# SERPENTINE BELT DRIVE DIAGNOSTICS

Replacing a component a second time for the same reason may indicate that something else in the system is causing the failure. Often, that problem is improper tension.

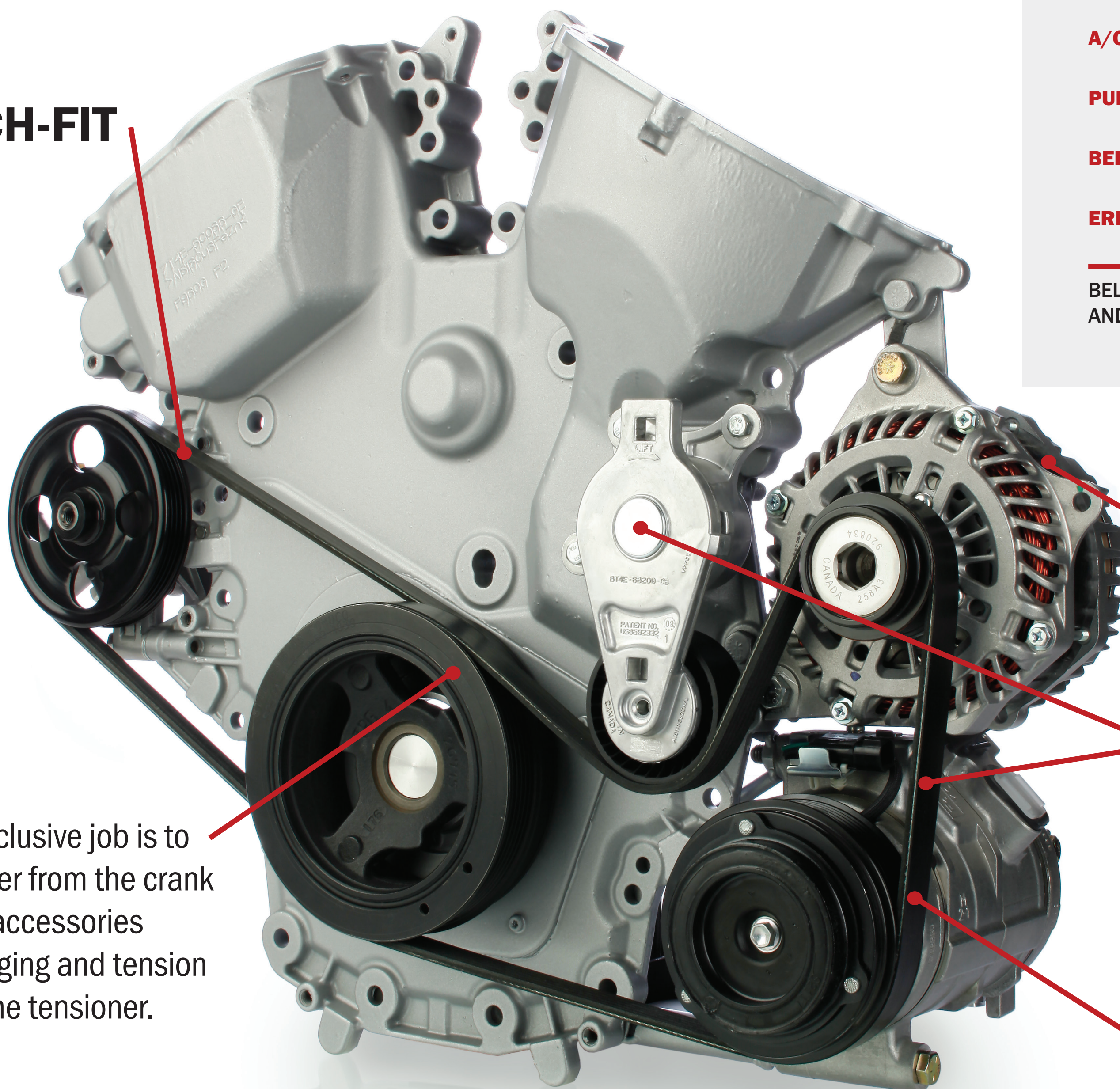


BE SYSTEM SMART! INSPECT THE SERPENTINE SYSTEM AT 60K MILES & REPLACE WORN COMPONENTS BY 90K MILES, OR AS ADVISED BY THE MANUFACTURER.

## UNDERSTANDING THE ACCESSORY BELT DRIVE SYSTEM

### STRETCH-FIT BELT

The belt's exclusive job is to transfer power from the crank pulley to all accessories through wedging and tension created by the tensioner.



Accessories place varying degrees of load on the Accessory Belt Drive System as they cycle on and off.

Loss of belt material or tension results in belt slippage causing accessories to operate at a diminished output, creating false codes and other problems for the system.

### SERPENTINE BELT

BELT TENSION IS CRITICAL FOR THE CORRECT OPERATION OF THE ACCESSORY BELT DRIVE SYSTEM. **PROBLEMS CAUSED BY BELT SLIP & LOSS OF TENSION:**

**FAN:** Reduced cooling capacity

**BEARING:** Increased heat resulting in a loss of grease and premature failure

**ALTERNATOR:** Poor charging performance

**A/C:** Reduced efficiency

**PULLEYS:** Increased wear

**BELT:** Shortened service life and noise

**ERROR CODES:** False codes/display of check engine light

BELTS AND TENSIONERS WERE DESIGNED AS A SYSTEM AND SHOULD BE REPLACED TOGETHER.



GATES SUPPORTS ASE AND THE ASE FOUNDATION.



NAVIGATES

DOWNLOAD FREE!

Experience NaviGates so you can save time and hassle every day in your parts search. Download the app for FREE and try it for yourself.

Available on the App Store

GET IT ON Google play

GATES.COM/HUB

@GatesAuto

