

Installation Instructions: Automatic Belt Tensioner



WARNING

DO NOT DISASSEMBLE TENSIONER. The automatic tensioner spring is an extremely powerful component that is continuously under preload. It can cause serious personal injury.

For safety, always disconnect battery and wear appropriate safety equipment before performing any work under the hood.

1. Always install tensioner per vehicle manufacturer's guidelines.
2. Look for OE belt routing diagram located under hood or on front support panel. If unavailable, make simple sketch to aid reinstallation prior to belt removal.
3. Observe the method for lifting the tensioner away from the belt. Always use appropriate tools.



Be careful that wrench socket or breaker bar is properly seated and positioned to allow clearance when tensioner reaches load (end) stop. Otherwise, your hand may be pinched or the tool may be trapped. Never cut or pry belt off while under tension

4. Lift tensioner arm in the direction away from the belt. Remove belt.
5. Remove tensioner mounting bolt(s) and tensioner from engine.
Note: Unless supplied in box with tensioner, original equipment bolt(s) to be reused for mounting.
6. Ensure that tensioner mounting surface is clean and free of debris before installing new tensioner.
7. Install replacement tensioner with locating pin(s) into appropriate hole(s) and torque mounting bolt to recommended value (M8 = 16 - 24ft.lbs, M10 = 40 - 48 ft.lbs, M12 = 60 - 70ft.lbs).
8. Reinstall belt per original layout (repeat steps 2 thru 4).
9. Ensure the belt is properly seated in all pulley grooves and routed correctly. Be careful belt is not misaligned by one or two grooves in any pulleys. Start engine for 30 seconds, shut off, and recheck that the belt is seated and tracking properly.

SAFETY REMINDER:

REMOVE ALL TOOLS FROM THE ENGINE AFTER THE BELT INSTALLATION IS COMPLETED.