

Installation Instructions for 50410 & 50411 79-93 5.0L Underdrive Pulley Kit

Installation Instructions:

1. Loosen alternator nut (use of an impact and swivel is recommended), also loosen water pump and crank pulley bolts while the belt is still in tension. Do not remove the bolts completely.
2. If original fan and fan shroud is installed remove them at this time. If electric fan is installed proceed to step 3.
3. Remove belt by actuating the tensioner arm.
4. Install your new underdrive pulleys using the factory bolts tightened hand tight, making sure the pulleys are seated evenly.
5. Using a straight edge on the front of the crank pulley make sure that all pulleys line up.
6. Install new belt(not included) by actuating the tensioner arm following the factory routing. Check that belt is properly seated in all pulleys and have clearance where the belt passes over it self.
7. Torque bolts to the factory specifications (use of Loctite blue thread lock is recommended on all threads).
8. Reinstall fan and fan shroud if removed.
9. Start engine and visually recheck that the belt is turning inline.

APPLICATION	BELT	NOTES
with A/C Pump, Smog Pump & Power Steering Pump	Dayco #5060895 Gates #K060895	
without A/C Pump and Smog Pump	Dayco #5060730 Gates #K060730	(3), (4)
without A/C Pump, Smog Pump & Power Steering Pump	Dayco #5060410 Gates #K060410	(1), (2)

** Automatic transmission vehicles may require a 1" shorter belt.*

- (1) Must use part #555-50555 or #555-50556 adjustable type alternator brackets.
- (2) Remove factory tensioner arm.
- (3) Must relocate Power Steering Pump. Use bracket part #555-50550 or #555-50551.
- (4) Must relocate factory tensioner arm to A/C Eliminator Bracket.

Base Idle Reset Procedure:

1. Bring engine to normal operating temperature.
2. Turn engine off.
3. Disconnect Idle Air Control(IAC) valve.
4. Start engine.
5. Set idle to the lowest RPM possible while holding a smooth idle.
6. Turn engine off, and reconnect the Idle Air Control(IAC) valve.
7. With Key On Engine Off (KOEO), check TPS voltage output between the Green(+) and Black(-) wire. if it's between 0.960vdc - 0.980vdc, it's OK. The TPS can be set by loosening the mounting screws and rotating the sensor. If unable to achieve proper voltage, you may need to elongate the mounting holes.
8. Disconnect battery negative(-).
9. Turn on head lights. This clears the computer's Keep Alive Memory(KAM).
10. Let stand 5 minutes.
11. Turn off head lights.
12. Reconnect battery, start engine.

NOTE: To check to see if the TPS sensor is good, the voltage between the Orange(+) and Black(-) wire should be between 4.7 and 5.3vdc.



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