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PART #100225

**Harmonic Balancer/Underdrive Pulley, 1997-09 LS1/LS6/LS2/LS3 Corvette/2008-09
L76 Pontiac G8 w/Bolt**

PACKING LIST

Before installation, use this check list to make sure all necessary parts have been included.

ITEM	QTY	CHECK	PART NUMBER	DESCRIPTION
1.	1	<input type="checkbox"/>	500042814	SLP Under-drive/Harmonic Balancer
2.	1	<input type="checkbox"/>	12557840	Bolt, Harmonic Balancer
3.	1	<input type="checkbox"/>	*****	Instructions

WARNING: SLP Recommends that this installation procedure be completed by a professional automotive technician. Improper installation can lead to severe engine damage and possible bodily harm.

WARNING: SLP Recommends allowing the vehicle to cool (not running) for five hours before beginning installation.

WARNING: Too avoid the chance of electrical shock or damage to your vehicle’s electrical system; disconnect both the negative and positive batter leads (in that order) at the battery.

INSTALLATIONINSTRUCTIONS – #100225

NOTE: Requires New Serpentine Belts

C5/C6 Corvette

Main Belt: Gates 6PK1900 or Equivalent

Accessory Belt: Gates 4PK1040 ore Equivalent

Pontiac G8

Main Belt: 6PK1860 or Equivalent

Accessory Belt: 4PK1050 or Equivalent

- 1 Raise and fully support the vehicle (a vehicle lift is recommended).
- 2 Install a suitable flywheel holding tool.
- 3 Remove the crankshaft balancer bolt. (Do not discard this crankshaft bolt as it will be used during installation of the new SLP Balancer.)
- 4 Use a suitable balancer remover/puller tool to remove the stock balancer from the crankshaft.
- 5 Installation of the new balancer involves a four stage tightening process. The first pass ensures that the balancer is installed completely onto the crankshaft. The second, third and fourth passes tighten the NEW bolt to the proper torque.

- 6 The used crankshaft bolt is used only during the first pass of the new balancer installation procedure. The NEW crankshaft balancer bolt is used to tighten as described below in the second, third and fourth passes of the balancer bolt tightening procedure.
- 7 Install the new balancer onto the end of the crankshaft as straight as possible prior to tool installation.
- 8 Use a suitable crankshaft balancer installer and front oil seal installer to install the new balancer.
- 9 Install the USED crankshaft bolt and tighten the bolt to 240 ft-lbs.
- 10 REMOVE the USED crankshaft bolt.
- 11 The nose of the crankshaft should be recessed 2.4-4.48mm (.094-.176 in) into the balancer bore.
- 12 Install the NEW crankshaft balancer bolt.
- 13 Tighten the crankshaft balancer bolt a first pass to 37 ft-lbs
- 14 Tighten the crankshaft balancer bolt a second pass to 140 degrees using a suitable angle meter.
- 15 The installation is now complete.