

**Part No. 100226**

**ESTIMATED INSTALLATION TIME** - Installation times are for a professional installer. Times may vary based on the skill level of the installer.

**ESTIMATED INSTALL TIME** - 2.25 hrs

**Harmonic Balancer/  
Underdrive Pulley,  
2004 GTO**

<b>PACKING LIST</b>				
<u>Item #</u>	<u>Check</u>	<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	<input type="checkbox"/>	1	500041813	Balancer, Underdrive Pulley
2	<input type="checkbox"/>	1	12557840	Bolt, LS1&LS6, Harmonic Balancer
3	<input type="checkbox"/>	1	*****	Installation Instructions

**INSTALLATION INSTRUCTIONS**

1. Remove front plastic radiator cover by pulling out all push pins and removing the cover.
2. Drain the radiator by carefully removing the lower radiator hose on the driver's side.
3. Remove the upper radiator hose.
4. Un-Plug the fans from the vehicle's wire harness.
5. Remove the fans from the vehicle by un-clipping the two snaps and carefully lifting the fan assembly up and out of the vehicle.
6. Remove the stock belts.
7. Remove the stock balancer using the appropriate pulley puller.
8. SLP's crankshaft balancer installation and bolt tightening involves a four stage tightening process. The first pass ensures that the balancer is completely installed onto the crankshaft. The third and fourth passes tighten the NEW bolt to the proper torque. During ONLY the first pass use the old balancer bolt, the remainder of the steps use the new balancer bolt.
9. Position the balancer onto the end of the crankshaft as straight as possible.
10. Use GM tool J 41665 to install the SLP crankshaft balancer.

11. Install the used crankshaft bolt and tighten to 240 ft lbs.
12. Remove the used crankshaft bolt.
13. Make sure that the crankshaft is recessed 2.4-4.48mm into the balancer bore.
14. Install the NEW crankshaft bolt and tighten the bolt a first pass to 37 ft lbs
15. Tighten the bolt a second pass to 140 degrees using a GM tool J 36660-A.
16. The new SLP Balancer is now installed.
17. There are two new belts required after the installation of the SLP balancer.  
P/N 760K6 and P/N 405K4. You can buy these belts at any automotive parts store.