

BASIC - Installation requires only rudimentary mechanical skills. If you can follow instructions and have a few basic tools, you should be able to install this product with minimal difficulty.

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

ESTIMATED INSTALL TIME - 1.15 hrs

PART NO. 21039

**1999-2004 GRAND PRIX/BUICK
REGAL/MONTE CARLO/IMPALA
COLD AIR INDUCTION SYSTEM**

PACKING LIST				
Item#	Check	Quantity	Part Number	Description
1	<input type="checkbox"/>	1	50221A	Air box
2	<input type="checkbox"/>	1	50016	High Flow Air Filter
3	<input type="checkbox"/>	1	50163	Loom, 5' Wire
4	<input type="checkbox"/>	3	50025	Bolts, Air box lower
5	<input type="checkbox"/>	3	50226	J-Clips, Air box lower
6	<input type="checkbox"/>	1	08302906	Clamp, 4"
7	<input type="checkbox"/>	1	50106	Grommet, wire inlet
8	<input type="checkbox"/>	1	*****	Instructions

SLP recommends using proper safety equipment when working with all power tools. Safety glasses are recommend for complete installation.

INSTALLATION INSTRUCTIONS

1. Begin by removing the driver's side tie bar (3- bolts) making sure to unclip the wire connector before disassembly.
2. Unplug the AIT air inlet temp sensor from OE bellows, making sure to leave wiring connected to vehicle harness. Remove rubber bellows and clamp, save for future use. (SEE ILLUSTRATION 1)
3. Remove the top from OE air box to access PCM. Remove the PCM from air box and lay it on the core support. NOTE: Do not disconnect PCM, and use caution when handling PCM components.
4. Remove the remainder of the OE air box assembly. Discard the 3-rubber grommets (hold-down) located on the inner fender shelf. NOTE: Save the rubber wire grommet under PCM harness for future use. Also, remove the factory plastic plug in fenderwell area, this is where air collects into airbox.
5. Install the three supplied J-Clips into holes shown in supplied drawing. Begin installing the lower portion of the new air box assembly into vehicle and secure hand tight using the three supplied bolts. NOTE: The two air cutouts in the air box face towards the inner fender and strut tower. (SEE ILLUSTRATION 2)
6. Position the lower air box so as to have clearance between the windshield washer reservoir, inner fender and strut tower. Verify the clearance between the air box assembly and the AC lines, if necessary move AC lines by hand until 1/4 inch is present between the two parts. Secure air box to vehicle by tightening three supplied bolts. Do not over tighten, and do not use air tools.

7. Install the 5" plastic wire loom supplied over the exposed wires exiting the PCM and secure with electrical tape at both ends. NOTE: The loom should overlap the existing loom by 1/4" to 1/2". Insert the PCM into the air box lower half, position PCM wiring harness and connectors so that it faces towards the air box top.
8. Install the high flow filter and the saved bellow onto the upper air box lid. Install upper lid with filter and bellows onto the air box assembly. Position the rubber grommet under the PCM wire harness, making sure the rubber grommet mates properly with air box base. Orient bellows such that the AIT inlet hole is at 12 o'clock position when standing in front of vehicle. Secure the air box lid to the air box base with air box screws. Install the AIT wiring into the AIT sensor opening into bellow. (SEE ILLUSTRATION 2)
9. Reinstall tie bar with the three saved bolts making sure to re-clip wire connector.

ILLUSTRATION 1

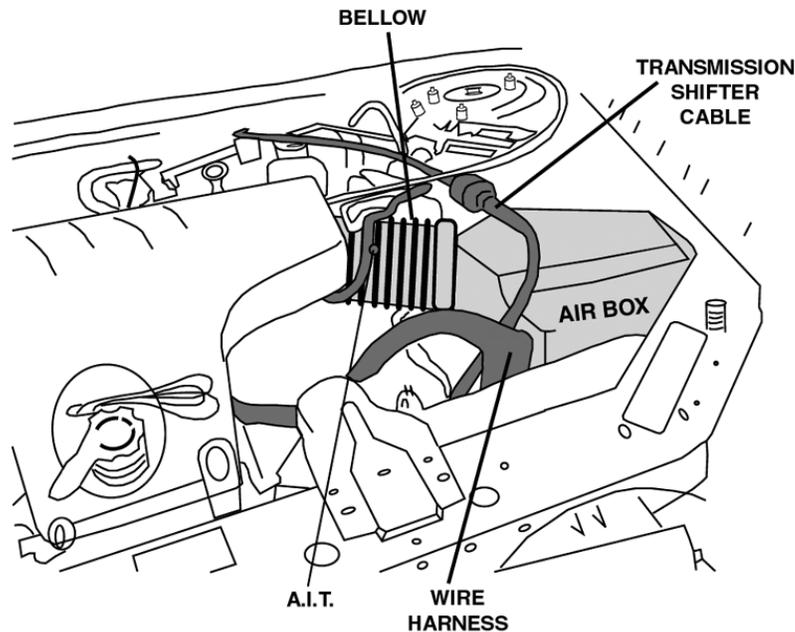


ILLUSTRATION 2

