



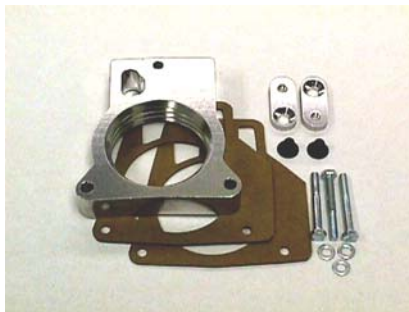
304 Smokey Lane North Little Rock, Arkansas 72117 Phone: (501) 945-0354 FAX: (501) 945-0370
www.StreetandPerformanceElectronics.com

Helix Power Tower PLUS **Installation Instructions**

(1996-2004 GM C/K 2500/3500 7.4/8.1L V-8 VORTEC Part #74015)

Important! Read all instructions before you begin installation.

1. (Note: 8.1L engines, unclamp and remove the air inlet tube from throttle body. Now continue with step 5.) Remove the "VORTEC" diffuser. Loosen the clamp at the throttle body. Disconnect the air temperature sensor and the mass airflow sensor. Loosen hose from air cleaner and remove the intake hose assembly. Now remove the complete air cleaner assembly.
2. Disconnect the throttle cable and cruise control cable bracket from the intake manifold.
3. Assemble the extension brackets to the cable bracket, with the OE hardware. Attach the bracket extenders to the intake manifold with the countersunk bolts. Align the cables so they run even, not angled, to the throttle body. Tighten the bolts to 10 Nm (89 lb/in).
4. Adjustment of the cruise control cable maybe needed to insure a proper idle. Adjust the cable end so that there is at least 1/8" deflection up and down.
5. Remove three retaining nuts and studs from the throttle body. Lean throttle body back and remove throttle body gasket from the intake manifold.
6. Install the Helix Power Tower PLUS (engraved side towards throttle body), sandwiched by two gaskets (supplied in kit) onto the manifold with the longer bolts and washers (supplied in kit). Tighten the bolts to 10 Nm (89 lb/in).
7. Reinstall the air cleaner assembly, the supply hose and MAF sensor, and secure the "VORTEC" lid with nut and clamp. Reconnect the sensor connectors. Make sure that all the connections are properly connected and tightened. (Note: 8.1L engines reinstall the air inlet tube onto the throttle body and tighten the coupler clamp securely)



Parts List

- 1 Helix Power Tower PLUS
- 2 Gaskets
- 3 6mm x 60mm bolts
- 3 6mm flat washers
- 2 Throttle extenders
- 2 1/4" spacers
- 2 5/16" countersunk bolts
- 2 5/16" x 3/4" bolts
- 2 5/16" lock washers
- 2 5/16" nuts

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