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Helix Power Tower PLUS

Installation Instructions

(1999-2001 GM Cavalier/Sunfire/Grand AM 2.4L Part #22025)

Important! Read all instructions before you begin installation.

1. Loosen throttle body clamp through access hole in the inlet tube. Unbolt the two retaining bolts attaching the tube to the valve cover. Loosen clamp at air cleaner box and undo harness connector on inlet tube. Remove air inlet tube from throttle body and air cleaner assembly. Remove bracket from valve cover.
2. Remove throttle linkage from throttle body. Remove four bolts from the throttle body. Lift throttle body upward and install the Helix Power Tower PLUS and gasket in between the throttle body and throttle body spacer. Install three 60mm long bolts in the short positions on the throttle body. Install one 80mm bolt in the long position. Tighten the bolts to 10 Nm (89 lb/in).
3. Install throttle linkage back to throttle body. Ensure proper operation of throttle. No binding or sticking.
4. Install one blind nut retainer onto each of the bracket extenders. Install bracket extenders onto the valve cover with the blind nut retainer facing the radiator.
5. Reinstall air inlet tube onto engine. Make sure the lower PCV vent hose is correctly installed. With the inlet tube placed onto engine, loosely install OE bolts with 1/4" spacers underneath the inlet tube and above bracket extenders. Tighten the OE bolts to 10 Nm (89 lb/in). Tighten clamp to secure inlet tube to throttle body.



Parts List

- 1 Helix Power Tower PLUS
- 1 Gasket
- 1 6mmx80mm bolts
- 3 6mmx60mm bolts
- 4 6mm washers
- 2 Bracket extenders
- 2 Blind nut retainers
- 2 1/4" spacers