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Helix Power Tower PLUS **Installation Instructions**

(1995-2004 Toyota Tacoma 3.4L V-6 Part #34055)

Important! Read all instructions before you begin installation.

1. Remove the air cleaner duct from throttle body.
2. Unbolt the throttle linkage from the intake plenum by unbolting the single 12mm-sized bolt.
3. Unbolt the lower vacuum line from intake plenum. Remove the four bolts (some models may have bolt/stud combination, either case they all need to be removed) from the intake manifold.
4. Separate throttle body from the intake plenum and remove the OE gasket. Place the Helix Power Tower PLUS (engraved side towards throttle body) with the new gaskets in between the throttle body and the intake plenum. Secure with the new longer bolts supplied with this kit. On 2003-2004 models you will need to use the longer 8mmx110mm bolts to complete the installation. Torque the assembly to 15 ft/lbs.
5. Install the throttle linkage extender plate to plenum (original stock location) with OE bolt. Please make sure the roll pin of the plate is in locator hole on plenum. Reinstall the throttle linkage to the extender plate and use the supplied hardware to secure it to the new extender plate. Torque both bolts to 10 ft/lb.
6. Install new vacuum line extender (black z-bend bracket) to original location with OE bolt and install vacuum line bracket to this extender with the supplied hardware. Torque both bolts to 8 ft/lb. (Note: it may be necessary to lengthen the linkage cable and vacuum line from the intake plenum anchor points)
7. Reinstall the air cleaner duct to the throttle body.



Parts List

- 1 Helix Power Tower PLUS
- 2 Gaskets
- 4 8mm x 90mm bolts
- 2 8mmx110mm bolts
- 4 8mm flat washers
- 1 throttle linkage extender plate
- 1 10mmx1.25mm bolt & washer
- 1 Z-bend extender
- 1 6mm x 15mm bolt & washer