



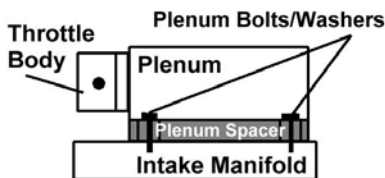
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Helix Power Tower PLUS Installation Instructions

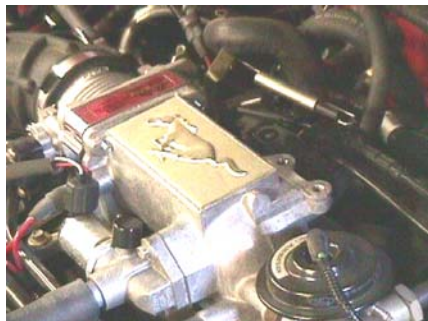
(1996-1998 Ford Mustang 4.6L SOHC Part #46035)

Important! Read all instructions before you begin installation.

1. Remove the air inlet duct from the throttle body.
2. Disconnect the Throttle Position Sensor and the Idle Air Control motor harness plugs from throttle body.
3. Disconnect the throttle and cruise control cables from the throttle body. Release the cable bracket from intake manifold. Loosen and remove throttle body from intake manifold.
4. Loosen and remove the plenum to the intake manifold. Loosen EGR line bolt from back of manifold. Remove factory gasket from intake manifold. Guard against debris from entering the engine during this operation.
5. Install a new gasket, adapter spacer, and another gasket in between the throttle body adapter and intake manifold. Using the longer bolts supplied, attach the assembly to intake manifold. Torque bolts to 10 lb/ft.
6. Attach the throttle extender plate to intake manifold using the 2 6mm counter-sunk bolts. Next, install throttle bracket to extender with 2 6mmx12mm bolts. Torque to 5 lb/ft.
7. Install a new gasket, Helix Power Tower PLUS (engraved side towards throttle body), and another gasket in between the throttle body and intake manifold. Using the longer bolts supplied, attach the assembly to intake manifold. Tighten the bolts to 10 Nm (89 lb/in).
8. Reconnect the throttle and cruise control cables to the throttle body.
9. Reconnect the Throttle Position Sensor and the Idle Air Control motor harness plugs to the throttle body.
10. Reinstall the throttle air cleaner duct to the throttle body. The PCV breather tube will need to be lengthened. Use the supplied hose and tube on the valve cover end of tube.



This operation is to raise the plenum, enough so the throttle body will clear the injector fuel rail.



Parts List

- 1 Helix Power Tower PLUS
- 2 Gaskets
- 4 6mm x 50mm bolts
- 10 6mm flat washers
- 2 6mm x 12mm bolts
- 2 6mm countersunk bolts
- 1 Throttle extender bracket
- 1 1inch hose and tube
- 1 Plenum spacer
- 2 Plenum spacer gaskets
- 4 6mm x 45mm bolts