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Helix Power Tower Installation Instructions

(1985-1997 Ford Ranger 2.3L (A) Part #23005)

Important! Read all instructions before you begin installation.

1. Remove throttle linkage cover. Remove throttle linkage from throttle body. Loosen and remove air inlet tube from throttle body. Loosen and remove the vacuum line on intake manifold.
2. Disconnect the throttle position sensor (TPS) and idle air control (IAC) motor from throttle body.
3. Remove the four bolts securing the throttle body to the intake manifold. Discard OE gasket. Slip new vacuum tube onto vacuum line under the intake manifold.
4. Install the Helix Power Tower PLUS between the intake manifold and throttle body assembly (engraving facing the throttle body). Now slip the supplied gaskets in between the Power Tower PLUS and throttle body assembly and throttle body to intake manifold. Fasten the throttle body with the supplied longer bolts and washers. Torque to 12 ft/lb.
5. Attach the throttle cable extension brackets to the intake using the two counter-sunk bolts. Reattach the throttle cable bracket to the extension using the original bolts.
6. Install the vacuum line on intake manifold. Install the throttle linkage onto throttle body. Install the air inlet tube onto throttle body. Install the throttle linkage cover.



Parts List

- 1 Helix Power Tower Plus
- 2 Gaskets
- 4 8mmx60mm bolts
- 4 8mm flat washers
- 2 throttle extender brackets
- 2 mm counter sunk bolts
- 1 7/32" vacuum line (3.00")