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Helix Power Tower PLUS

Throttle Body Spacer

Installation Instructions

(2003-2007 Ford Explorer/Ranger 4.0L

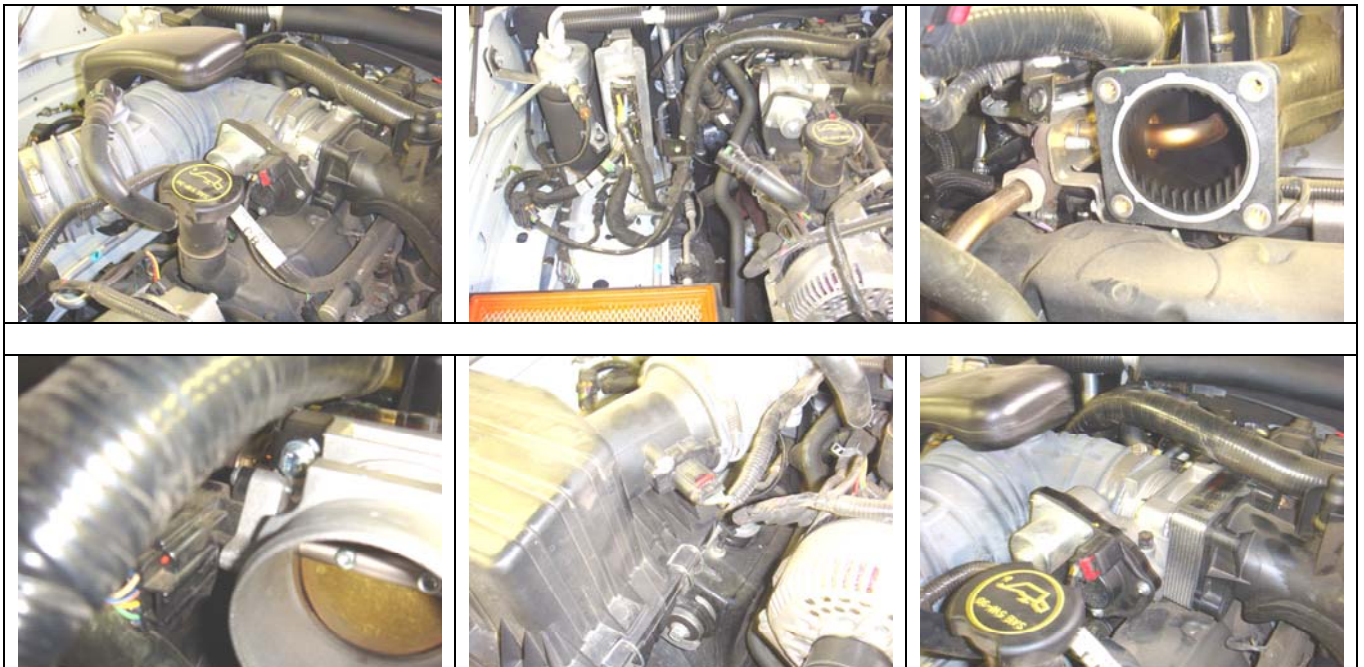
(with Electronic Throttle Control)

2005-2010 Ford Mustang 4.0L V-6 Part #40045)

Important!
Read all instructions
before you begin
installation.

2003-2008 Ford Explorer/Ranger

1. Disconnect the crankcase vent tube from air inlet tube. Disconnect the Mass-Air Flow (MAF) sensor on air filter assembly. Loosen and remove air inlet tube from throttle body. Unclip air filter assembly top. Remove air filter top and inlet tube together.
2. Loosen and remove harness from throttle body stud. Loosen and remove four throttle body bolts from intake manifold. Lay throttle body gently to the side.
3. Remove spacer from intake manifold. Install new gasket, throttle body spacer (engrave AIR IN towards throttle body) and last gasket onto intake manifold. Using the longer bolts provided, tighten the bolts to 10 Nm (89 lb/in). Make sure the harness tab is secured on the throttle body bolt.
4. Reinstall air filter assembly top and air inlet into vehicle. Tighten the air inlet clamp. Clip air filter top, reconnect MAF sensor harness. Reconnect crankcase vent tube.



(2005-2008 Ford Mustang Installation instruction on reverse side)

2005-2010 Ford Mustang

1. Disconnect the Intake Air Temperature (IAT) sensor on air inlet tube. Disconnect the crankcase vent tube from air inlet tube. Loosen and remove air inlet tube.
2. Disconnect the Throttle Position Sensor (TPS) and Fly-By-Wire (FBW) harnesses from throttle body. Loosen and remove throttle four body bolts.
3. Insert Helix Power Tower Plus (engraved side towards throttle body) and gasket in between the throttle body and intake manifold. You might have to reposition the throttle body coolant clamps to clear the upper hose. Using the washers and longer bolts provided in kit, secure the throttle body to intake manifold.
4. Reconnect TPS and FBW harnesses to throttle body.
5. Install air inlet tube onto throttle body and air cleaner assembly. Reconnect the IAT sensor and crankcase vent to air inlet tube.



Parts List

- 1 Helix Power Tower Plus
- 2 Gaskets
- 4 6mm x 60mm bolts
- 4 6mm lock washers
- 4 6mm flat washers