



Throttle Body Installation Instructions for

GM LS Race Series

860007 (Silver) & 860008 (Black) – 90MM

860001 (Silver) & 860004 (Black) – 92MM

860002 (Silver) & 860005 (Black) – 102MM

Ford 5.0L Coyote Race Series

860009 (Silver) & 860010 (Black) – 90MM

Kit Contents:

- (1) Throttle Body
- (4) Throttle Body Mounting Bolts
- Installation Instructions

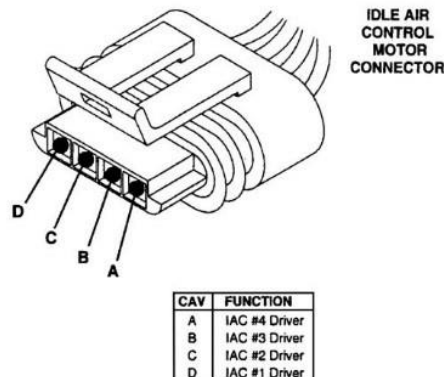
Installation Instructions:

1. Please read through the entire instruction sheet to familiarize yourself with the parts of the vehicle the installation will cover.
2. Disconnect the negative battery terminal.
3. Remove the air inlet tube, all vacuum hoses, and electrical connectors from the stock throttle body. Mark all hoses and wires to ensure that they are installed correctly on the new throttle body.
4. Disconnect the throttle linkage by opening the throttle manually and slipping the cable from the cam groove on the linkage.
5. Remove the (x4) nuts securing the throttle body to the intake manifold and remove it.

FOR GM LS ENGINES:

- 6A. Remove the factory TPS sensor from the factory throttle body as this can be reused on the new throttle body. For correct IAC, use Holley P/N **543-105**. If also wanting a new TPS, Holley P/N **870001** can be used. Since this IAC motor was originally used on Chrysler models, please reference the following diagram and switch wire "A" and "C" positions for proper functionality.

GM Wiring Pin Out Instructions:



FOR FORD COYOTE ENGINES:

- 6B. This IAC will not work with factory OEM harness or Holley Plug-N-Play Ford EFI harness. Will work in conjunction with Holley EFI universal wiring harness ONLY. Our universal EFI harness can be configured to work with P/N **543-105** IAC.
7. Attach the IAC and TPS to the new throttle body. Make sure each O-ring is in the groove and does not slip out while installing. Torque bolts to **18 in/lbs (1.5 ft/lbs)**.
8. Make certain the gasket-mating surface on the intake manifold is clean and free of debris. Using the included bolts, attach the throttle body to the intake manifold. Torque nuts and bolts down to **89 in/lbs (7 ft/lbs)**.

9. Slip the throttle cable on the linkage arm.
10. Observe the throttle body (while an assistant presses and releases the gas pedal) to ensure that the throttle blade opens and closes while also operating smoothly.
11. Re-attach the air inlet tube, all vacuum hoses, and electrical connectors on the new throttle body.
12. Re-connect the negative battery terminal.
13. Start the engine and check for loose connections or vacuum leaks, etc.
14. After the engine is warmed up, check the idle speed (refer to owner's manual).
15. Double-check all fasteners, clamps, and electrical connections to ensure they are all secure.

LIMITATION OF LIABILITY – DISCLAIMER:

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

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