



## Throttle Body Installation Instructions for GM LS Race Series

**860007-1 (Silver) & 860008-1 (Black) – 90MM**  
**860001-1 (Silver) & 860004-1 (Black) – 92MM**  
**860002-1 (Silver) & 860005-1 (Black) – 102MM**

### Kit Contents:

- 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.
6. Attach the IAC (**Holley replacement part # 543-34**) and TPS (**Holley replacement part # 870001**) 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)**.
7. 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)**.
8. Slip the throttle cable on the linkage arm.
9. 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.
10. Re-attach the air inlet tube, all vacuum hoses, and electrical connectors on the new throttle body.
11. Re-connect the negative battery terminal.
12. Start the engine and check for loose connections or vacuum leaks, etc.
13. After the engine is warmed up, check the idle speed (refer to owner's manual).
14. Double-check all fasteners, clamps, and electrical connections to ensure they are all secure.

### Any questions?

Please contact Technical Service: **1-866-464-6553** or **270-781-9741**.

For online help, please refer to the website: **[www.holley.com](http://www.holley.com)**.

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