



REV: 06/27/2023

92mm and 102mm GM LS Billet Throttle Body Instructions

Parts List:

Throttle body
Mounting bolts (4)
Instructions

PLEASE READ THROUGH THESE INSTRUCTIONS BEFORE STARTING INSTALLATION

NOTE: If the (2) throttle blade screws have not been "staked" on the back side, it is recommended to use threadlocker (ie. Loctite) to prevent them from coming loose.

- 1) Disconnect the negative battery terminal
- 2) Remove all hoses, tubes and connectors from the OE throttle body making notes to ensure they are connected to the new throttle body correctly.
- 3) Disconnect the throttle linkage by opening the throttle and sliding the cable from the groove in the linkage.
- 4) Remove the 4 bolts that attach the throttle body to the intake.
- 5) Install the IAC (GM#17113598 not supplied) and TPS (GM#17123852 not supplied) to the new throttle body. Ensure o-rings are seated correctly when installing. Torque to 18 in/lbs.
- 6) Clean mating surface on the intake manifold. Attach T/B using the 4 bolts and torque to 89 in/lbs.
- 7) Install the throttle cable.
- 8) Press and release the throttle pedal to ensure the blade opens and closes fully and without binding.
- 9) Re-attach all hoses, tubes and connectors as disconnected in step 2.
- 10) Reconnect the negative battery terminal.
- 11) Start the engine and recheck all connections for leaks etc.
- 12) Warm the engine and check idle speed per manufacturers specifications.

Specific fit Silicone Hoses

113538 - 92mm T/B 3.80" to 3.50" straight
119358 - 92mm T/B 3.80" to 3.50" 90 degree
114042 - 102mm T/B 4.20" to 4.00" straight
119442 - 102mm T/B 4.20" to 4.00" 90 degree

Throttle Cable Brackets

646100 - Silver
646110 - Black

Stainless Steel IAC/TPS Bolt Kit

646130

Questions? Please e-mail us at sales@performance-world.com