



**GM LS 2, 3 and 7
CABLE OPERATED
THROTTLE BODIES
92 and 100mm
PART# 1783, 1784**

INS180

INSTALLATION INSTRUCTIONS

These throttle bodies have been designed for use on any of the LS 2, LS 3 and LS 7 engines that require a cable operation. Throttle Position Sensor and Idle Air Control Valve are OEM GM parts available at local part stores.

Part numbers:

**Throttle Position Sensor: NAPA # 219187,
O'Reilly's # EC3048 (Borg Warner)**

**Idle Air Control Valve: NAPA # 220177,
O'Reilly's # 31023**

Four M4 x .7 x 14mm Buttonhead screws have been provided for the TPS and IAC sensors.

Four M6 x 1.0 x 30mm Sockethead bolts have been provided to bolt the throttle body to your intake manifold.

Application ranges vary by imagination.

Due to the variety of custom applications and aftermarket cable assemblies that are available, BBK does not provide or offer a throttle cable for this throttle body.

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IMPORTANT- All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance Inc. accepts no responsibility for injuries or damage caused by or during the installation of this products.

MOUNTING THE THROTTLE BODIES:

The 92mm will fit the stock intake manifold opening and can reuse the stock o-ring gasket.

The 100mm will need to have the o-ring gasket removed and it's recess filled with JB weld or similar to create a gasket surface for the paper gasket that will be needed. After the filler dries, grind and match intake opening to throttle body.

!!! IMPORTANT!!! !!! PLEASE NOTE !!!

It is extremely important to prep the area to be filled with the filler of choice per its manufacturer's instructions. Proper bonding of the filler to the intake manifold is a must to prevent it from failing and being ingested into the engine. Sanding the area with a course grit sandpaper to break the smooth plastic finish is advised. This will give the filler something to 'bite' into and help with its bond to the plastic. Be sure to clean away the plastic dust from the area before applying the filler. It can hinder the bond.

This is a custom application/custom modification that is completely outside the liability expectations of BBK Performance.

The customer assumes all risks of any major modification of this type.

To finish the install, make a paper or fiber gasket and install with throttle body.

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