

Mustang 3.8 Throttle Body Installation.

Swapping the stock throttle body for a new Accufab Throttle Body is considered a “bolt-on” modification. In all cases but one, it’s only a matter of “off with the old and on with the new”. The one case that requires a little (but not much) ingenuity and mechanical ability is when swapping the 70MM Throttle Body into a 1999-2000 Mustang.

Accufab offers both a 65MM and a 70MM Throttle Body for the Mustang V6. These throttle bodies are available for the 1999-2000 Mustangs and the 2001-2004 Mustangs. The only difference between the two series are the throttle cable attachment points. The earlier vehicles ('99-'01) use a standard linkage that has a “snap-on” fitting on the end of the cable and the later vehicles ('01-'04) requires a “cable channel” type linkage.

The 65MM Throttle Bodies will bolt onto any 1999-2000 and 2001-2004 V6 Mustang with zero modifications. The 70MM Throttle Bodies will bolt on to any 2001-2004 V6 Mustang with zero modifications. Some modifications are required to install a 70MM throttle body on the 1999-2000 V6 Mustangs.

Because the OEM intake manifold inlet has an opening of about 62MM*, the 70MM Throttle Bodies require an “adapter plate” (included with the 70MM units) that funnel the air down from 70MM to the correct intake manifold size at the opening. The adapter plate is ½-inches thick. This means that the throttle body is ½-inch further away from the front (or opening) of the intake manifold. This is not an issue with the 2001-2004 vehicles, but for the 1999-2000, there is a problem with the OEM throttle cable. It will be ½-inch too short.

There are two ways to fix this problem on the '99-'00 models, both of which requires some modification on the owner’s part. For “fix #1”, remove the two bolts that hold the cable bracket (at the end of the cable) to the intake manifold. Drill a new hole in the bracket that is ½-inch further back from the front hole. Unless you fabricate a flat piece of material behind this bracket, you will only be able to utilize the single bolt in the “re-drilled” hole on the bracket to hold it on to the intake manifold, however, this should probably be adequate.

For “Fix #2”, if you don’t want to modify the cable bracket, purchase the Accufab 70MM Throttle Body for the '01-'04 V6 Mustangs, and purchase the throttle cable for the '01-'04 V6 Mustang. This is an easy and inexpensive fix. The throttle cables are available from your Ford dealers for approximately \$39.00 and are easy to replace. The Ford part number is 1R3Z-9A758-AA.

Once the new throttle body is installed on the vehicle, adjust the Throttle Position Sensor (TPS) to read somewhere between 0.98 volts and 1.00 volts using a digital volt meter.

* The OEM V6 Mustang throttle body measures 60MM. The inlet hole to the intake manifold measures 62MM. The outlet size of the Accufab 65MM Throttle Body measures 65MM. Even though the Accufab 65MM will work fine on the stock intake manifold, if the opening to the intake manifold is radiused out slightly from 62MM to 65MM, it will work better. This is a very easy modification and does not require the intake manifold to be removed from the engine. Simply stuff a rag or two into the inlet hole on the manifold, grind out or radius out the hole to equal the size of the new Accufab gasket provided with the 65MM Throttle Body. Then, using a vacuum cleaner, clean out the aluminum dust

that might have accumulated, remove the rags and bolt on the throttle body.