



## TBI SPACERS INSTALLATION INSTRUCTIONS

*Trans-Dapt TBI Spacer kits fit 1986 to 1995 4.3L V6, 5.0L 5.7L & 7.4L V8 GM trucks, Blazers, Suburbans, Tahoe SUV's and Hot Rods with a Throttle Body Fuel Injection system.*

**Please read instructions thoroughly before installing this kit. Basic automotive skills and tools are required to properly perform this installation. If in doubt, take the kit to a certified repair shop for proper installation. The kit, in most cases, takes approximately one hour to install.**

### RECOMMENDED:

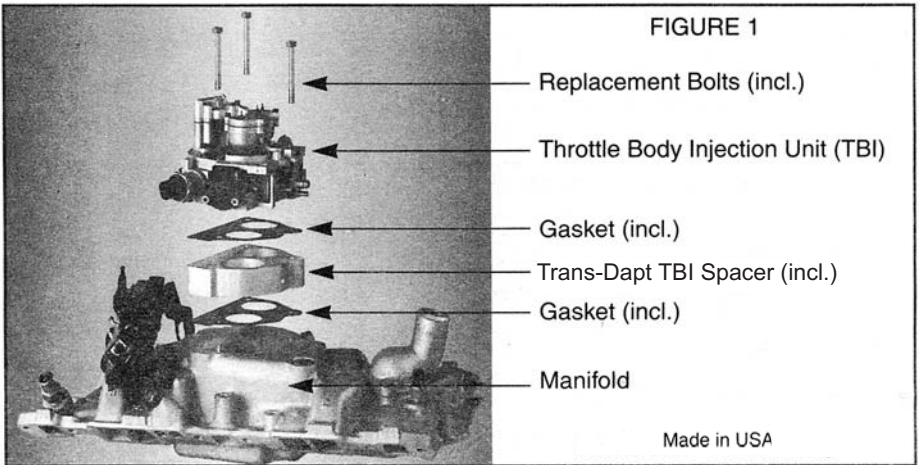
To reduce the chance of kinking or rupturing fuel lines, the use of Trans-Dapt part #2458 fuel line extensions is highly recommended.

### PREPARATION:

1. Remove the fuse marked **"Fuel Pump"** from the fuse panel! Start the engine and allow it to run until the fuel supply remaining in the lines is used. When the engine stalls, turn the key to the "off" position and **disconnect the battery. DO NOT** turn the key to the "run" position until the installation is completed.
2. Remove the air cleaner and the spacer ring from the TBI unit.
3. Mark and remove all vacuum lines. Remove all electrical connections and linkage with care, be sure not to lose any clips or hardware, you will need to reuse them later.
4. Remove the fuel lines from the rear of the TBI (catch any remaining fuel with a rag). CAUTION: There may be pressure remaining in the fuel lines! **Wear safety glasses to protect your eyes.**
5. Remove the TBI mounting bolts and pull the TBI from the intake. Clean any old gasket material from both surfaces. **To avoid any engine damage, be careful not to drop anything down into the intake manifold.**

### INSTALLATION:

1. Install the new gasket on to the intake manifold, then the Trans-Dapt TBI Spacer. Place the second gasket on the TBI spacer and finally the TBI unit. Using the longer bolts and washers included in the kit, bolt down the TBI (on 1993 to 1995 models, use the two tapped head bolts in the rear TBI mounting holes, the air cleaner bolts screw in to them). **Torque the bolts to 12 ft-lbs.**



2. Install the vacuum lines and electrical connections to the original locations. Reconnect the throttle linkage and lock it into place with the original clip. On some models, if the throttle linkage does not reach, loosen up the bracket and slide it forward. Hold the linkage in place and retighten. Reconnect the automatic transmission kick-down, if equipped. Refer to factory shop manual.

**IMPORTANT:** *Adjust the cable by holding the metal lock tab on the adjuster, and pull the cable through the adjuster. Now, depress the gas pedal to the floor. This action will adjust the cable. Work the gas pedal several times to be sure that it works properly.*

3. Reinstall the gas lines.

**IMPORTANT:** *Take care not to cut the O-rings on the end of the lines. If the fuel lines do not reach, use a Trans-Dapt part # 2458 fuel line extension. We do not recommend pulling on the fuel lines.*

4. Reinstall the fuel pump fuse. Cycle the key to the "run" position several times, 5 seconds each time, and check for gas leaks. If no fuel leaks are evident, move to step 5.
5. Start the engine and inspect entire system for fuel leaks. Idle the engine for approximately five minutes to allow the computer to re-adjust the idle speed.
6. Turn off the engine and make one final inspection for fuel leaks. If everything is dry, install the air cleaner and spacer ring. You are now ready to drive.

**Note:** *The on board computer utilizes adaptive memory. The performance characteristics of your vehicle may change after several hours of driving as the computer relearns and adjusts fuel delivery.*

## WANT EVEN MORE POWER?

**\*TBI INJECTOR RISER PLATE** - Trans-Dapt part #2457 Riser Plate works along with your TBI spacer. It raises the injector housing to increase airflow, and adds an additional 2-3hp!

*\*Not for use with 7.4L.*