



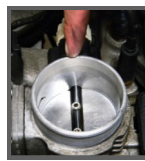
Solid *Application* Sheet

Throttle Body Cleaner

1. Remove the air intake boot from the throttle body
2. With **Engine off**, use the throttle pedal depressor (or) manually hold the gas pedal against the floorboard . This will open the throttle plate all the way to facilitate complete cleaning.
3. **Tip:** On "**drive by wire**" (vehicles that do not have a throttle cable), leave the key in the "on" position without starting the engine. Use the throttle depressor to hold the gas pedal to the floor. The throttle stepper motor will open the throttle plate all the way.
4. Lightly spray the throttle plate and surrounding throttle body area with approved cleaner. Allow cleaner to soak for 30 seconds.
5. Scrub deposits with a soft bristle throttle brush or old tooth brush (**never use a wire brush**), then wipe clean with a soft, clean shop rag. Very dirty throttles may require duplicate cleaning.
6. **Remove throttle depressor before starting the vehicle!**
Reinstall throttle boot. Make sure the throttle boot is clamped around the entire diameter of the throttle body. If not, it will result in un-metered air entering the engine. This will create stalling; check engine lights and general poor performance.
7. **Start vehicle and purge any residual cleaner from engine before proceeding to fuel and induction service.**



Before



After

NOTE:

- Never spray cleaner into mass air flow sensors honey combs, or sensitive electronic parts.
- Use cleaner sparingly, a little goes a long way!
- Never spray throttle body cleaner into the engine while it is running.

Tools Needed:

TB 11 Throttle Brush Set

TD 11 Throttle Depressor