



THROTTLE BODY 3-STEP KIT APPLICATION SHEET

“Protect Your Investment”

Performing True Brand® Throttle Body 3-Step Fuel System Cleaning every 15,000 miles can help prevent many drivability symptoms associated with deposit build up. True Brand 3-Step Fuel System Cleaner is approved for all vehicle applications EXCEPT rotary and Diesel engine vehicles.

Before starting service, check to ensure both the ignition and the A/C are in the OFF Position.

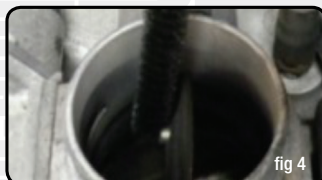
Step 1 - Fuel System Cleaner:

1. Pour entire content of True Brand Fuel System Cleaner in gas tank (fig 1). This formula is safe for ALL gasoline and diesel engines.



Step 2 - Throttle Body Cleaner:

1. Remove the air intake boot from the throttle body (fig 2).
2. With Engine off, use the throttle pedal depressor (fig 3) to 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 (fig 4) 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



THROTTLE BODY 3-STEP KIT APPLICATION SHEET

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Step 3 - Induction Cleaner:

1. Find VACUUM source as close as possible to the throttle body plate.
2. Attach the SGX11 applicator tool to the hood. make sure flow control valve is in OFF position.
3. Remove vacuum hose and place tapered metal tip of applicator tool into the vacuum source.
4. Double check applicator is in OFF position, then pour Induction Cleaner into applicator tool reservoir (fig 6).
5. **NOW START VEHICLE.**
6. Check vacuum source, then reseal tapered metal tip, ensuring a good seal.
7. Use throttle depressor (TD11) to set the vehicles idle to between 1200 - 1500 rpm.
8. Set applicator tool to a fast, steady drip - **NOT A STREAM.**

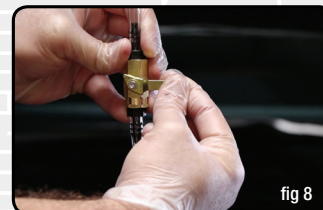


NOTE: Connect the applicator tip to a strong manifold vacuum source as close to the throttle plate as possible to distribute cleaning solution to all cylinders (fig 7). The selected vacuum hose originates from central and just behind the throttle plate. Always select a location like this. NEVER use a vacuum port that originates from an individual intake runner.



When the applicator is empty:

9. Turn the flow control valve to the closed / OFF position (fig 8).
10. Run engine at 1800 to 2000 RPMs for 1 - 2 minutes to purge the system of cleaner.
11. Turn vehicle off.
12. Remove applicator bottle and reconnect vacuum hose (and anything else that was disconnected).



Service Time: 8 to 12 minutes.

TOOLS NEEDED: SGX11 Applicator Tool, TD11 Throttle Depressor, TB 11 Throttle Brush Set

Contact True Brand or your rep for more information.