

Job Aid – Throttle Body/Plate Cleaning

Reference No.: GOPRO TBPC 2014

Carbon, varnish and sludge deposits tend to accumulate around the throttle body and plate.	
 These deposits are caused mainly by combustion by-products drawn in through the PCV system and the EGR system. 	
 These deposits reduce air flow, which is critical during warm up, idle and deceleration. Thorough cleaning can alleviate many of these pesky drivability symptoms. 	
	 Cautions: Never spray cleaner into mass air flow sensors (see illustrations, left), 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. Always used approved throttle body / air intake cleaner, never use carburetor cleaner. Remove throttle pedal depressor before starting vehicle. Always use Safety glasses
	With Engine Off, use the throttle pedal depressor to hold the gas pedal against the floorboard. This will open the throttle plate all the way to facilitate complete cleaning.
	Tip: On "drive by wire" vehicles (vehicles that don't 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 on most vehicles.



Job Aid – Throttle Body/Plate Cleaning





Gumout Professional

Job Aid – Chemical Engine De-Carbonization

Reference No.: GOPRO CEDC 2014

Safety Requirements

- Use Throttle body cleaning job aid in conjunction with this job aid
- Always use Safety Glasses and gloves
- Bring engine to normal operating temperature
- Use in a well ventilated area
- Do not apply induction cleaner to diesel, rotary or direct injection engines that do not have a throttle plate.





Gumout Professional

Job Aid – Chemical Engine De-Carbonization



Feel the difference with Gumout.

Learn more about motorcycle oils, fluids, lubricants we have.