



Proper RPM Depends on Vehicle; Engine

COMPLAINT: Technicians having trouble deciding the correct RPM for performing the intake service.

CAUSE: Proper RPM varies based on vehicle and engine type.

CORRECTION: Choose the RPM that allows for these conditions:

- The engine runs relatively smooth during the service procedure.
- The engine doesn't create too much smoke during the service procedure.
- The intake cleaner takes between 9 and 12 minutes to finish running through the engine; generally speaking, the longer, the better.

So is there a speed that works for most vehicles? That depends on the vehicle and engine type.

- For most 6- and 8-cylinder engines, try 1500 to 1800 RPM.
- For most 4-cylinder engines, the engine may bog down at that speed; try increasing the engine RPM a little.

For updraft engines using the BLAST, through the throttle body system, you may have to increase the RPM to develop enough suction to pull the cleaner into the engine.