DAVICO MFG.
Special Exhaust Manufacturing
Your Source for Hard - to - Find Catalytic Converters

Fix The Real Problem First. Then Change The Converter.

OBDII I/M Readiness Drive Cycle Test

You have made the proper repair and replaced the Catalytic Converter but the job isn't finished yet !!!

Davico Manufacturing OBDII I/M Readiness Drive Cycle Test:

Many manufacturers require drive cycle testing to accurately reset the ECM/PCM and turn off the MIL light.

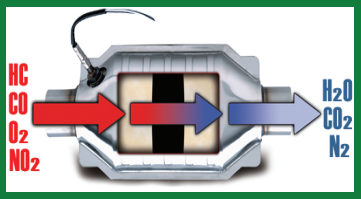
After all repairs have been made and the monitors have been reset, you will need to perform a Readiness Drive Cycle Test before any further emission testing can be done on the vehicle. The OBDII system's monitors perform various diagnostic tests under certain conditions as the engine is run under various loads and temperatures. These tests are only done after the engine has come up to normal operating temperatures.

Davico OBDII I/M Readiness Drive Cycle Test Procedure:

1. This procedure should start with a cold engine.
2. Start the vehicle and let the engine idle for a minimum of 10 minutes or until it comes up to normal operating temperature.
3. This is a good time to re-check proper O2 Sensor switching activity and fuel trim.
4. Put the vehicle in gear with the brake applied and hold for at least one minute to simulate the load standing at a stop light.
5. Drive the vehicle accelerating to 40 MPH at not more than 1/4 throttle and maintain speed for at least 1-2 minutes.
6. Decelerate the vehicle to 35 MPH and maintain speed for at least 1-2 minutes.
7. Continue to decelerate to 25 MPH then continue driving the vehicle maintaining speeds between 25 MPH and 45 MPH for at least 5 minutes. Do not operate at wide open throttle during any portion of this test.
8. Gently accelerate to 55 MPH using a steady throttle and maintain speed for 1-2 minutes.
9. Return to your shop and allow the vehicle to cool to a cold temperature.

Some manufacturers recommend that this drive cycle test be performed a second time:

Performing this Readiness Drive Cycle Test will insure that all of the OBDII monitors have been re-set and are in a ready condition. The vehicle will now be in a proper state for further emission testing if needed and delivery to your customer.



Davico Exact Fit ™ & Ultra Load Catalytic Converters