



NUMBER: 18-016-05

GROUP: Vehicle Performance

DATE: April 12, 2005

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SUBJECT:

Throttle Body Coking

OVERVIEW:

This bulletin involves cleaning the throttle body.

MODELS:

2004 (DR) Ram Truck

2004 (HB) Durango

NOTE: This condition is rarely experienced on vehicles with less than 50,000 miles.

SYMPTOM/CONDITION:

The vehicle operator may describe MIL illumination.

The technician may find one or more of the following DTC's:

P2174 - Low Airflow/Restriction Detected (Instant Accumulation)

P2175 - Low Airflow/Restriction Detected (Slow Accumulation)

Using a Scan Tool (DRBIII® or StarSCAN®) with the appropriate Diagnostic Procedures, verify all engine systems are functioning as designed. If DTCs are present, other than those listed above, record them on the repair order and repair as necessary before proceeding further with this bulletin.

Inspect the air induction system including the air filter element, resonator, air induction hoses and throttle body, for restriction and/or large accumulations of silty deposits on air flow surfaces.

If accumulation of silty deposits are present in the throttle body and /or behind the throttle plate, perform the appropriate Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	04897150AB or 04897151AB	Brake Parts Cleaner
AR	NPN	Clean Soft Shop Towel

1. Remove the throttle body from the intake manifold. Refer to the service information available in TechCONNECT or the Ram Truck service manual (publication no. 81-370-04059), Section 14 Fuel Injection, Throttle Body, Removal, page 14-36.

CAUTION: Use only Mopar Brake Parts Cleaner, p/n 04897150AB or 04897151AB, as the use of other cleaners may damage components of the throttle body. Use this cleaner only in a well ventilated area. Do not let this cleaner come in contact with the skin. Rubber or butyl gloves are recommended. Wash thoroughly after use. Avoid eye contact. Avoid ingesting.

2. While holding the throttle open, spray the throttle body bore with Mopar Brake Parts Cleaner, p/n 04897150AB or 04897151AB. Spray the entire throttle body bore and the manifold side of the throttle plate.
3. Use a soft cloth to help break loose deposits to clean the throttle body bore and throttle plate. While holding the throttle open, clean both the top and bottom of the throttle body bore. Also clean the manifold side and edges of the throttle plate.

NOTE: Take due care not to scratch, bend, or dent throttle plate and/or throttle body bore.

NOTE: It is important this cleaning operation be performed thoroughly and completely. The edge of the throttle plate and the portion of the throttle body bore that is in the closest proximity to the closed throttle plate is the most critical area where the cleaning should be concentrated. This area must be free of all deposits when the cleaning is completed.

4. Spray the throttle body with, Mopar Brake Parts Cleaner, p/n 04897150AB or 04897151AB, and then blow dry with compressed shop air. Inspect for any foreign material which may have been left behind during the cleaning process.

CAUTION: Do not apply shop air pressure directly into the throttle shaft and throttle body housing holes.

5. Open and close the throttle plate on the throttle body to verify that there is no increased effort when moving from the closed position. If the condition is corrected, proceed to the next step. If the increased effort still exists, then some other condition exists with the throttle body and further diagnosis and repair will be necessary and will not be covered by this repair procedure.
6. Install the throttle body on the intake manifold.
7. Open and close the throttle to verify that there is no increased effort when moving from the closed throttle position. If the condition is corrected, proceed to the next step. If the increased effort still exists, then some other condition exists with the throttle linkage and further diagnosis and repair will be necessary.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
14-30-01-91	Clean Throttle Body	0.3 Hrs.

FAILURE CODE:

RO	Driveability
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