



**NUMBER:** 09-002-19 REV. A

**GROUP:** 09 - Engine

**DATE:** May 18, 2019

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**This bulletin supersedes Service Bulletin 09-002-19, dated May 01, 2019, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include adding 2018 model year and build date.**

**This Service Bulletin is also being released as Rapid Response Transmittal (RRT) 19-035, dated May 01, 2019. All applicable Un-Sold RRT VINs have been loaded. To verify this RRT service action is applicable to the Un-Sold vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library.**

***SUBJECT:***

Diesel Low Pressure Exhaust Gas Recirculation (EGR) Valve Cleaning

***OVERVIEW:***

This bulletin involves cleaning the diesel low pressure EGR valve.

***MODELS:***

**\*\*2018\*\*** - 2019 (JL) Jeep Wrangler

**NOTE: This bulletin applies to vehicles within the following markets/countries: EMEA.**

**NOTE: This bulletin applies to vehicles built on or after **\*\*April 01, 2018 (MDH 0401XX)\*\*** on or before January 31, 2019 (MDH 0131XX) equipped with a 2.2L N-S I4 Turbo Diesel W/ESS (Sales Code EBH).**

***SYMPTOM/CONDITION:***

Vehicles may display a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P045E - EGR -B- Control Stuck Open.

***DIAGNOSIS:***

If the VIN is listed in VIP or your RRT VIN list, perform the repair. **This RRT only applies to vehicles on the RRT VIN list.**

**REPAIR PROCEDURE:**

1. Verify the ambient temperature is above 0° C (32° F).
2. Using wiTECH, record all DTCs and clear them.
3. Start the engine and allow it to run until the coolant temperature reaches a minimum of 50° C (122° F). Monitor the coolant temperature using wiTECH.

**NOTE: Do not leave the ignition off for more than 30 seconds to avoid the engine cooling down.**

4. Turn the ignition **off** for 10 to 30 seconds.
5. Turn the ignition **on** for 10 to 20 seconds to allow the low pressure EGR to perform several opening and closing cycles.
6. Turn the ignition **off** for 10 to 30 seconds.
7. Repeat steps 4 through 6 for a total of **nine times**.
8. Did the MIL illuminate and **DTC P045E** set, after the above cleaning procedure was performed?
  - YES>>> Follow normal diagnostic procedures for the DTC and repair as necessary per current warranty guidelines.
  - NO>>> This bulletin has been completed.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
25-01-45-9C	Clean EGR Valve - 2.2 Liter Diesel Engine Only (2 - Skilled)	10 - Diesel	0.5 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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