

LTB00334V2

# TECHNICAL BULLETIN

19 JAN 2015



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## INFORMATION

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This reissue replaces all previous versions. Please destroy all previous versions.

This bulletin supersedes TSB LTB00334/2010 dated 04 NOV 2010, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in blue

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## SECTION:

303-08

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**SUBJECT/CONCERN:**

Loss Of Power With MIL Illuminated P0404 Stored In the PCM

**AFFECTED VEHICLE RANGE:**

<b>MODEL:</b>	<b>MODEL YEAR:</b>	<b>VIN:</b>	<b>APPLICABILITY:</b>
Defender (LD)	2007-2011	7A732615-BA412050	ID4 2.4L Diesel

**MARKETS:**

All except NAS

**CONDITION SUMMARY:****SITUATION:**

A customer may report a concern of a loss of power with Malfunction Indicator Lamp (MIL) illuminated with P0404-72/73 or P1402-16 or P1409-77 stored in powertrain control module. In addition the customer may report poor engine idle speed.

**This version has been issued for a change to the Affected Vehicle Range and Suggested Customer Concern Code.**

**CAUSE:**

Exhaust gas re-circulation valve (EGR) incorrect zero learn position and over sensitive P0404 diagnostic. **Suggested Customer Concern Code MC1.**

**ACTION:**

Should a customer express concern, follow the Service Instruction outlined below.

**PARTS:**

PART NUMBER	DESCRIPTION	QUANTITY:
LR006650	Exhaust Gas Re-circulation Valve	1

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### TOOLS:

No Tools Required

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### WARRANTY:

#### NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.
- DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Exhaust gas re-circulation valve Right	17.45.01	0.3	42	LR006650
Exhaust gas re-circulation valve Left	17.45.01	1.1	42	LR006650
Tune - download - powertrain control module - including fuel pump and pilot learn	12.90.89.33	0.5	42	LR006650

#### NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

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1

**NOTE:**

Graphic number E132788 shows the later level EGR valve on the left marked with a tick and the early version with a cross. In addition, the later level part has DOT matrix style part number (8C1Q-9D475-BA) etched on the casing.



Inspect the vehicle to see if the later level EGR valve has been fitted.

- 1 If the later level EGR valve is **not** installed continue from **step 2**.
- 2 If the later level EGR valve **is** installed continue from **step 3**.

- 2 Install a new exhaust gas re-circulation valve, (see Topix Workshop Manual, section 303-08) - exhaust gas re-circulation valve.

3

**CAUTIONS:**

- SDD must be loaded with SDD-DVD123\_V6.06 and Calibration File 53 loaded or later.
- Do not use any separate surge protection devices with this power supply.

Connect a Midtronic battery conditioner/power supply to the

vehicle.

- 4 Connect SDD to the vehicle and begin a new diagnostic session, by reading the VIN for the current vehicle and initiating the data collect sequence.
- 5 Select the Diagnosis Session Type.
- 6 Select the Symptoms tab and enter any of the following Symptom (s).
  - 1 Electrical / Instruments / Warning lamps / Engine malfunction lamp / Lamp illuminated and or.
  - 2 Powertrain / engine system / Engine performance / Poor acceleration and lack of power and or.
  - 3 Powertrain / engine system / Engine performance / Poor idle.
  - 4 And one of the following PCM DTCs set on the vehicle - P0404-72 - P0404-73 - P1402-16 - P1409-77.
- 7 Select the Recommendations Tab.
- 8 Run the Configure existing module - Powertrain control module candidate, follow all on screen instructions.
- 9 When all tasks are complete, exit the current session by selecting the Session tab and then selecting the Close Session option.
- 10 Disconnect SDD and the battery charger/power supply.