

LTB00958V2

TECHNICAL BULLETIN

02 JAN 2018



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SECTION:

418-00

SUBJECT/CONCERN:

Stop/Start System Not Operating As Expected

MARKETS:

ASIA PACIFIC; CHINA; EUROPE; JAPAN; MENA; OVERSEAS

CONDITION SUMMARY:

SITUATION:

A customer may express a concern that the stop/start system is not operating as expected. **This technical bulletin has been updated due to changes to the affected vehicle range and diagnostic procedure.**

CAUSE:

The cold cranking capability value for the startup battery appears artificially low due to the electrical distribution system routing on the Battery Monitoring System (BMS).

Suggested customer concern code - JL2.

ACTION:

Should a customer express this concern, follow the diagnostic procedure below.

TOOLS:



Jaguar Land Rover (JLR)
approved diagnostic equipment

E179225



JLR approved battery support
unit

E179226

WARRANTY:

- NOTES:**
- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Use TOPIx to obtain the latest repair time.
 - The JLR claims submission system 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
Gateway Module - Configuration	86.90.97	0.2	42	LR064692

 **NOTE:**

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

1.

 **CAUTION:**

This procedure requires DVD151.05 and Calibration File 283 loaded or later.

 **NOTE:**

The JLR approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation mode' if required.

Connect the JLR approved battery support unit.

2.

Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.

3.

Disconnect the JLR approved battery support unit.

If the hyperlink is not available, the application can be found as follows:

- Select the 'Diagnosis' Session Type.
- Select any of the following symptoms:
 - Powertrain - Engine system - Starting system - Start/stop system - Inoperative.
- From 'Recommendations', run: 'Powertrain - Auto Start/stop system - Health check'.

4.

Check the estimated cold cranking voltage at present state of charge value.

5. Follow all on-screen instructions.

- If the estimated cold cranking voltage at present state of charge value is over 6.5 volts then check for other system inhibits and follow the on-screen instructions with reference to TOPIx and do not continue to follow this bulletin.
- If the estimated cold cranking voltage at present state of charge value is below 6.5 volts and the power supply system is inhibiting start/stop then continue to step 7.

6. Reconnect the JLR approved battery support unit.

If the hyperlink is not available, the application can be found as follows:

- Select the 'Diagnosis' Session Type.
- Select any of the following symptoms:
 - Powertrain - Engine system - Starting system - Start/stop system - Inoperative
- From 'Recommendations', run : 'Configure existing module - Gateway module'

7. If required, reset the vehicle to 'Transportation mode'.

8. When all tasks are complete, exit the current session by selecting the 'Session' tab and then selecting the 'Close Session' option.

9. Disconnect the JLR diagnostic equipment and the JLR approved battery support unit.

10. Complete a startup battery test using the JLR approved battery testing equipment and follow all on-screen instructions. If the startup battery needs charging, use the 'Time to Charge' table on the approved JLR approved battery testing equipment, and retest the battery.

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