



JTB00438NAS2

# TECHNICAL BULLETIN

29 JUN 2018

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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

## INFORMATION

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

Changes are highlighted in blue

## SECTION:

204-05: Vehicle Dynamic Suspension

## SUBJECT/CONCERN:

Air Suspension System Compressor Electrical Connector Replacement

## AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
XJ Range (X351)	2010-2015	V00001-V94690	Castle Bromwich

**MARKETS:**

NORTH AMERICA

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

The Air Suspension system warning light may be illuminated and the air suspension system may be inactive.

**CAUSE:**

This may be caused by specific damage to the Air Suspension system compressor connector and compressor.

**ACTION:**

Should a customer express this concern, refer to the Service Information and then follow the Workshop and Diagnostic Procedures outlined below.

**PARTS:**

PART NUMBER	DESCRIPTION	QUANTITY
C2D49620	Link lead	1
C2D34552	Air suspension compressor	1

**TOOLS:**



E192494

Jaguar Land Rover-  
approved  
Midtronics battery  
power supply



E179225

Jaguar Land Rover-  
approved  
diagnostic  
equipment with  
latest SDD  
Software  
Management Pack

## 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 JLR claims submission system 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.

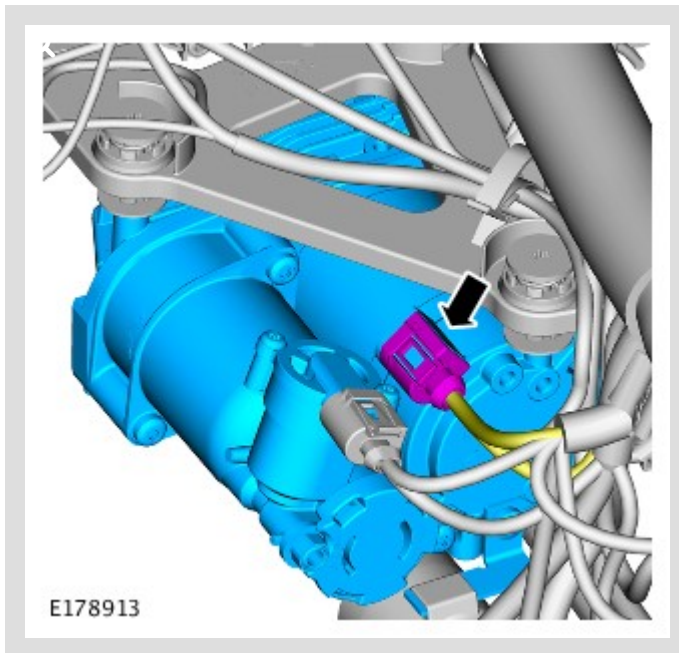
DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Air suspension compressor - Renew	60.32.01	0.8	42	C2D34552
Electrical connector - Remove and install new	05.10.10	0.1	42	C2D34552
Read and clear fault codes	86.99.78	0.2	42	C2D34552

### NOTE:

Normal Warranty procedures apply.

## SERVICE INFORMATION:

1



Location of the air suspension compressor electrical connector to be replaced.

#### WORKSHOP PROCEDURE:

- 1 Remove the air suspension compressor (see TOPIx Workshop Manual section 204-05: Vehicle Dynamic Suspension - Air Suspension Compressor).

2

#### NOTE:

Do not discard the label. The label is required to be installed back onto the electrical wiring harness in Step 9.

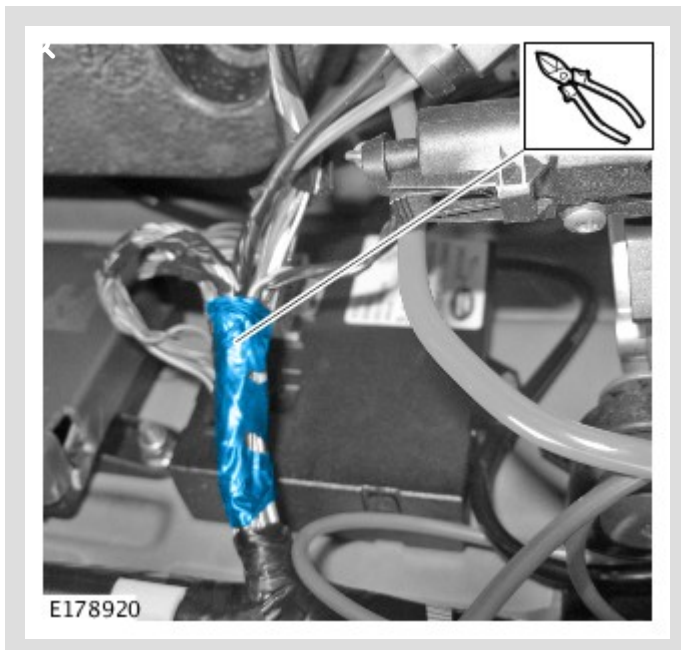


Use a suitable tool to remove the electrical wiring harness label.

3

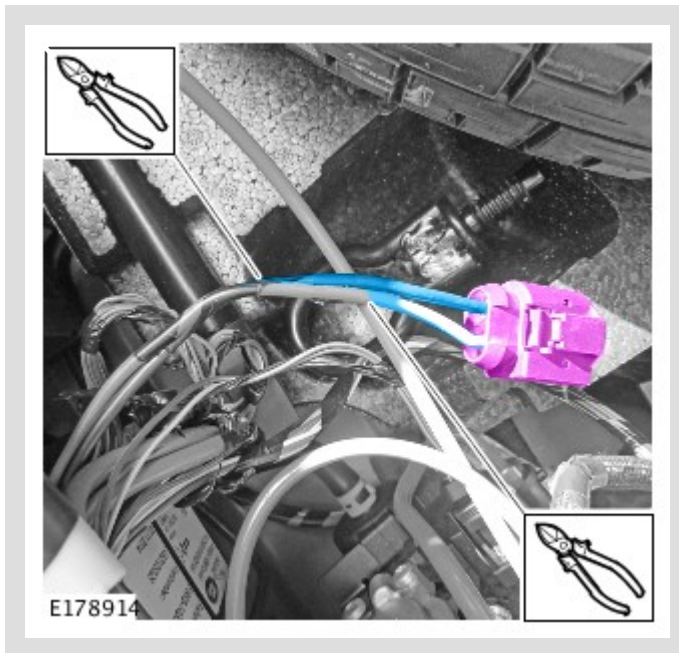
**⚠ CAUTION:**

Do not damage the vehicle's electrical wiring harness.



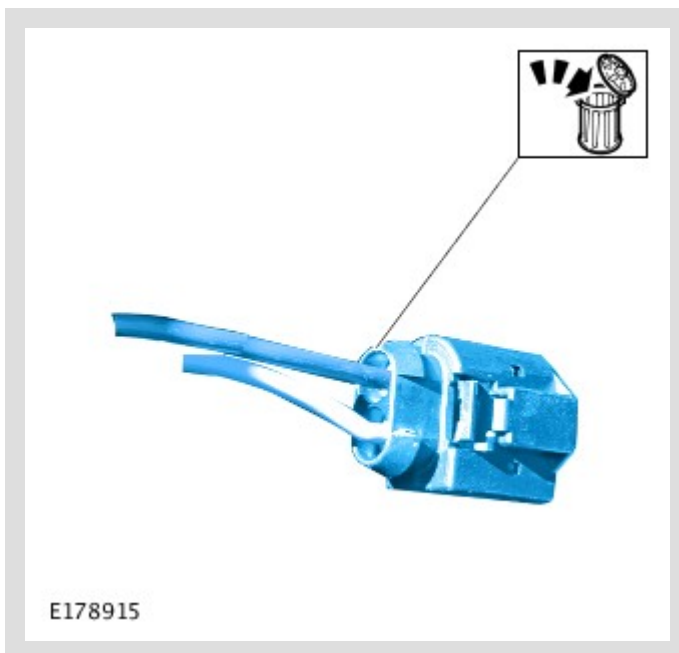
Use a suitable tool to remove the securing tape from the electrical wiring harness.

4



Cut the electrical connector in the area shown. Make sure the electrical wiring harness is cut in a staggered position.

5

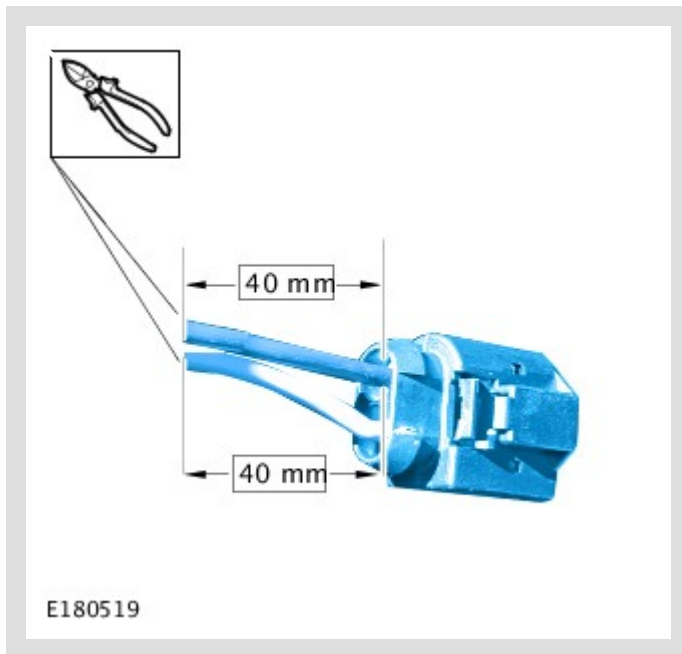


Discard the old electrical connector.

6

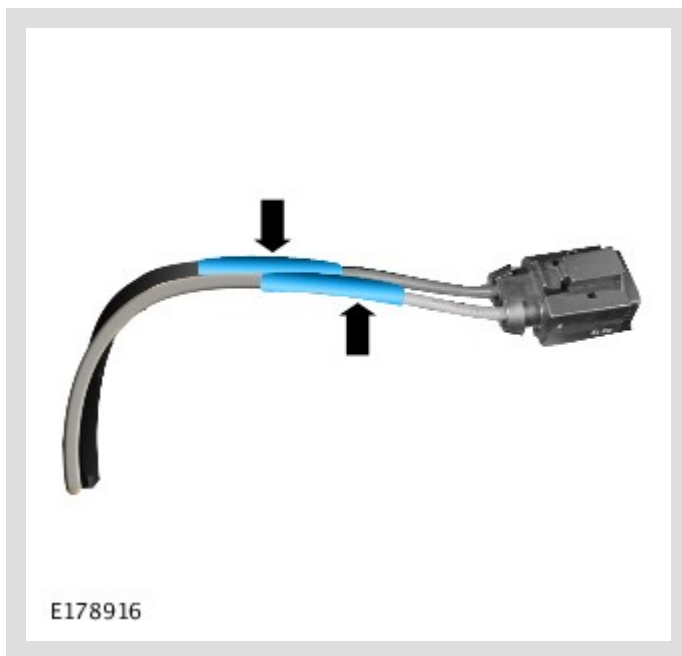
**NOTE:**

A minimum of 40mm electrical wiring harness must be left on the electrical connector after cutting off the electrical connector from the new electrical wiring harness.



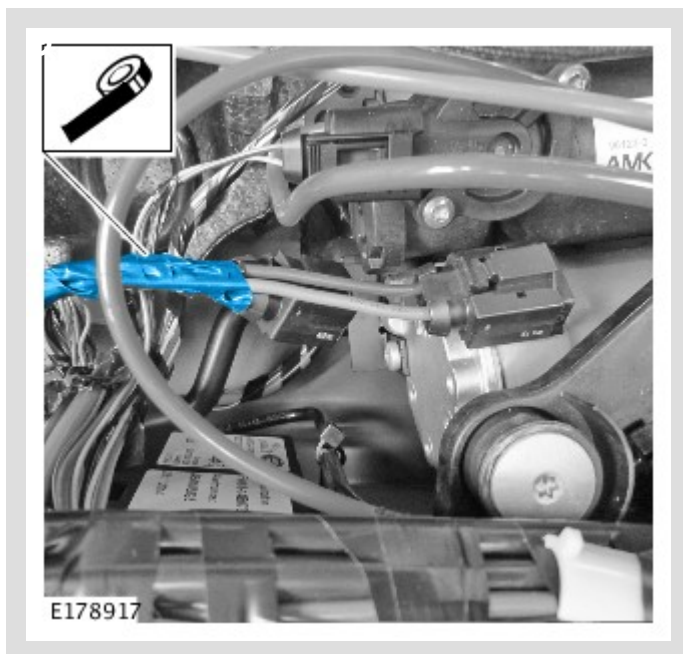
Cut the new electrical connector off the new electrical wiring harness.

7



Install the new electrical connector to the original electrical wiring harness (see TOPIx Workshop Manual section 418-02: Wiring Harnesses).

8



Use a suitable tape to secure the electrical wiring harness in the area shown.

9



Install the electrical wiring harness label.

- 10 Install the air suspension compressor (see TOPIx Workshop Manual section 204-05: Vehicle Dynamic Suspension - Air Suspension Compressor).

**1** After finishing the installation procedure, go to the Diagnostic Procedure below.



**DIAGNOSTIC PROCEDURE:****ⓘ CAUTIONS:**

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.
- All ignition ON/OFF requests must be carried out. Failure to perform these steps may cause damage to control modules in the vehicle.

**1** Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle startup battery.

**2** **⚠ NOTE:**

The Jaguar Land Rover-approved diagnostic equipment must be loaded with SDD153.05 Software Management Pack v297 (or later).

Connect the Jaguar Land Rover-approved diagnostic equipment to the vehicle and begin a new session.

**3** Follow all on-screen instructions, allowing the diagnostic equipment to read the VIN, identify the vehicle, and initiating the data collect sequence.

**4** Read and clear all Diagnostic Trouble Codes (DTC).

- 1** Follow the on-screen instructions until the application finishes successfully.
- 2** Go to the next Step.

**5** Exit the current session.

- 1** Select the **Session** tab.
- 2** Select the **Close Session** option.

**6** Disconnect the diagnostic equipment and battery power supply from the vehicle.

