



LTB00928NAS2

TECHNICAL BULLETIN

05 APR 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 Land Rover 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:

419-00: Electronic Feature Group

SUBJECT/CONCERN:

Water Ingress Into Rear View Camera

AFFECTED VEHICLE RANGE:

MODEL:

MODEL YEAR:

VIN:

ASSEMBLY PLANT:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:
Range Rover Evoque (LV)	2016 Onwards	077912 Onwards	Halewood

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

Rear View Camera (RVC) may also be referred to as Park aid camera.

SITUATION:

After selecting Reverse (**R**), the Rear View Camera (RVC) image displayed on the Touchscreen may appear misted or foggy.

CAUSE:

This may be caused by water ingress into the rear view camera bezel which then migrates into the rear camera.

ACTION:

Should a customer express this concern, follow the Workshop Procedure below.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY
LR095712	Rear View Camera (RVC) - 2016MY with InControl Touch	1
LR095387	Rear View Camera (RVC) - 2016MY with InControl Touch Plus	1
LR060915	Rear View Camera (RVC) - 2016-18MY with parking aid system - 360°	1
LR083706	Rear View Camera (RVC) - 2017MY with InControl Touch	1
LR060915	Rear View Camera (RVC) - 2017MY with InControl Touch Pro	1

PART NUMBER	DESCRIPTION	QUANTITY
LR114320	Rear View Camera (RVC) - 2018MY with InControl Touch	1
LR104306	Rear View Camera (RVC) - 2018MY with InControl Touch Pro	1
LR013135	Trim clip	10

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
Rear View Camera (RVC) bezel - Modification	86.54.89.41	0.4	42	LR087678
Configure Image Processing Control Module 'B' (IPMB)	88.90.42	0.2	42	LR087678

NOTE:

Normal Warranty procedures apply.

SERVICE INFORMATION:

Rear View Camera (RVC) may also be referred to as Park aid camera.

Some natural misting of the Rear View Camera (RVC) lens may occur during normal operation and is considered OK and to be expected.

Natural misting occurs due to the position of the RVC on the vehicle and the component's construction.

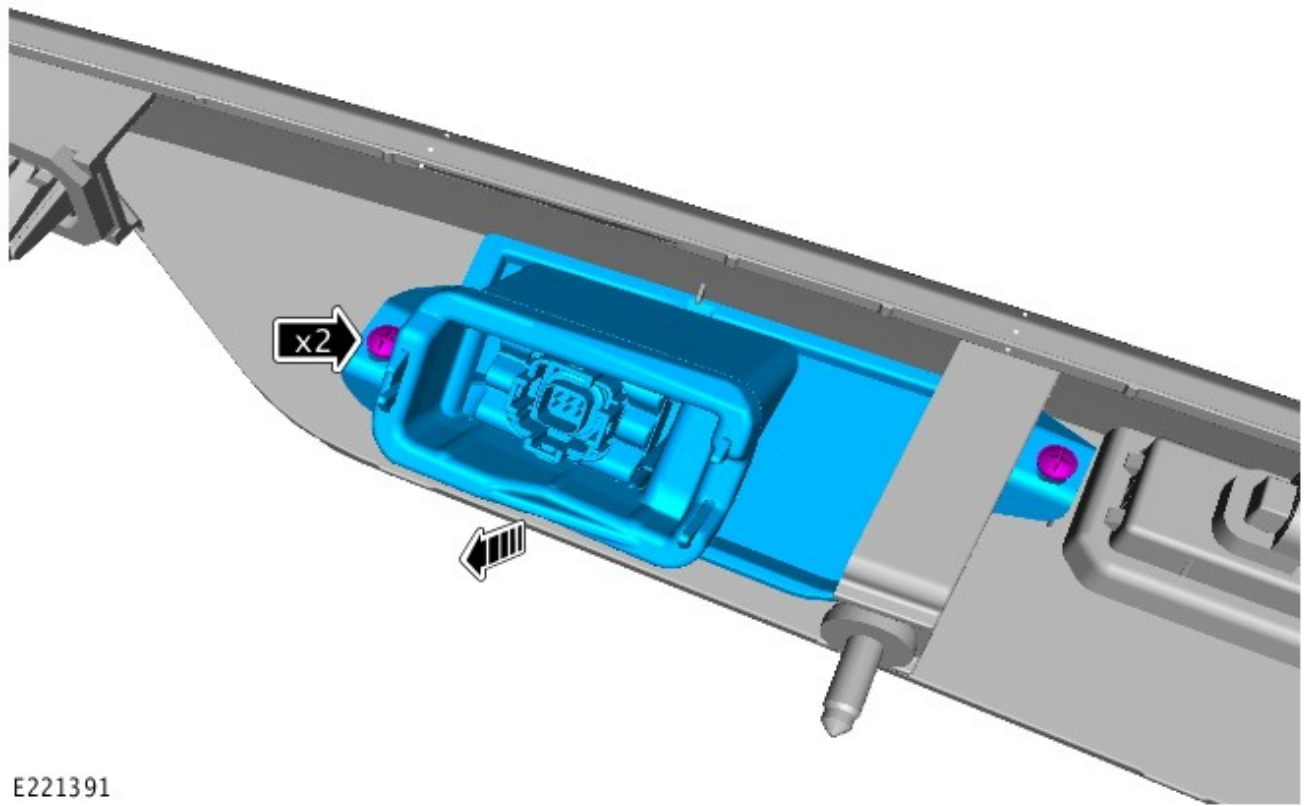
However, the heat generated by the RVC within approximately 5 minutes after switching the ignition ON should clear this misting.

If any misting does not clear within 5 minutes, go to the Workshop Procedure below.

WORKSHOP PROCEDURE:

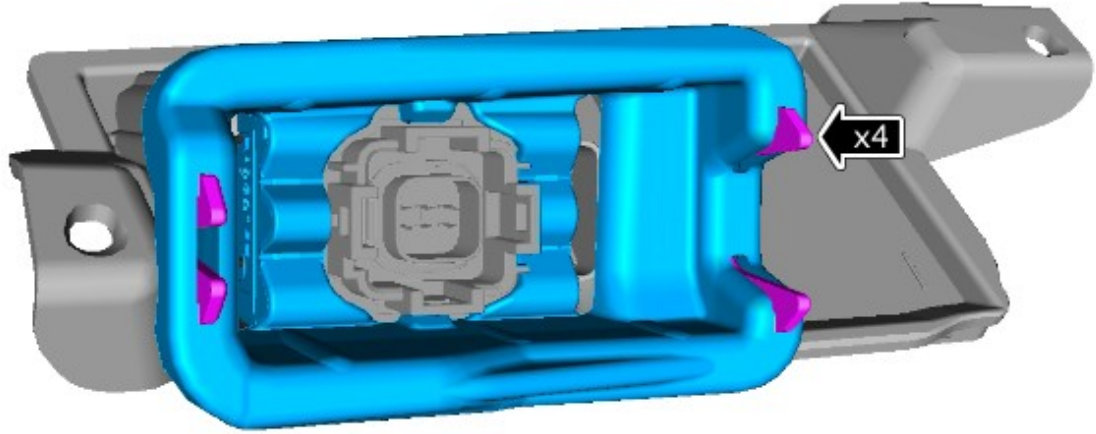
- 1 Remove the tailgate moulding (see TOPIx workshop manual section: 501-08: Exterior Trim and Ornamentation - Tailgate Moulding).
 - Perform removal steps 1-4 only.

2



Remove the Rear View Camera (RVC) bezel from the tailgate moulding.

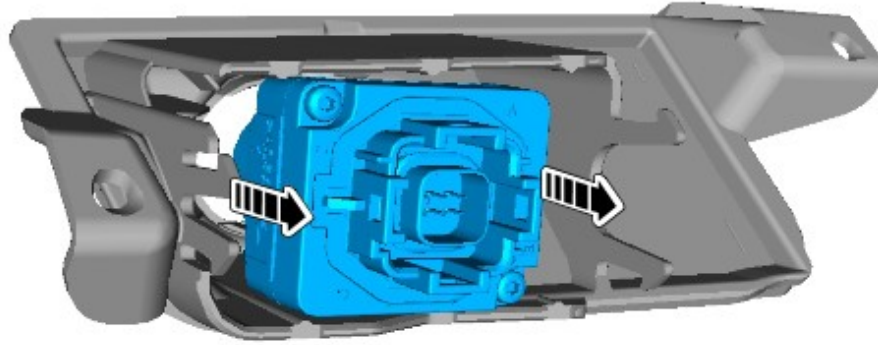
3



E222826

Remove the RVC housing from the RVC bezel.

4

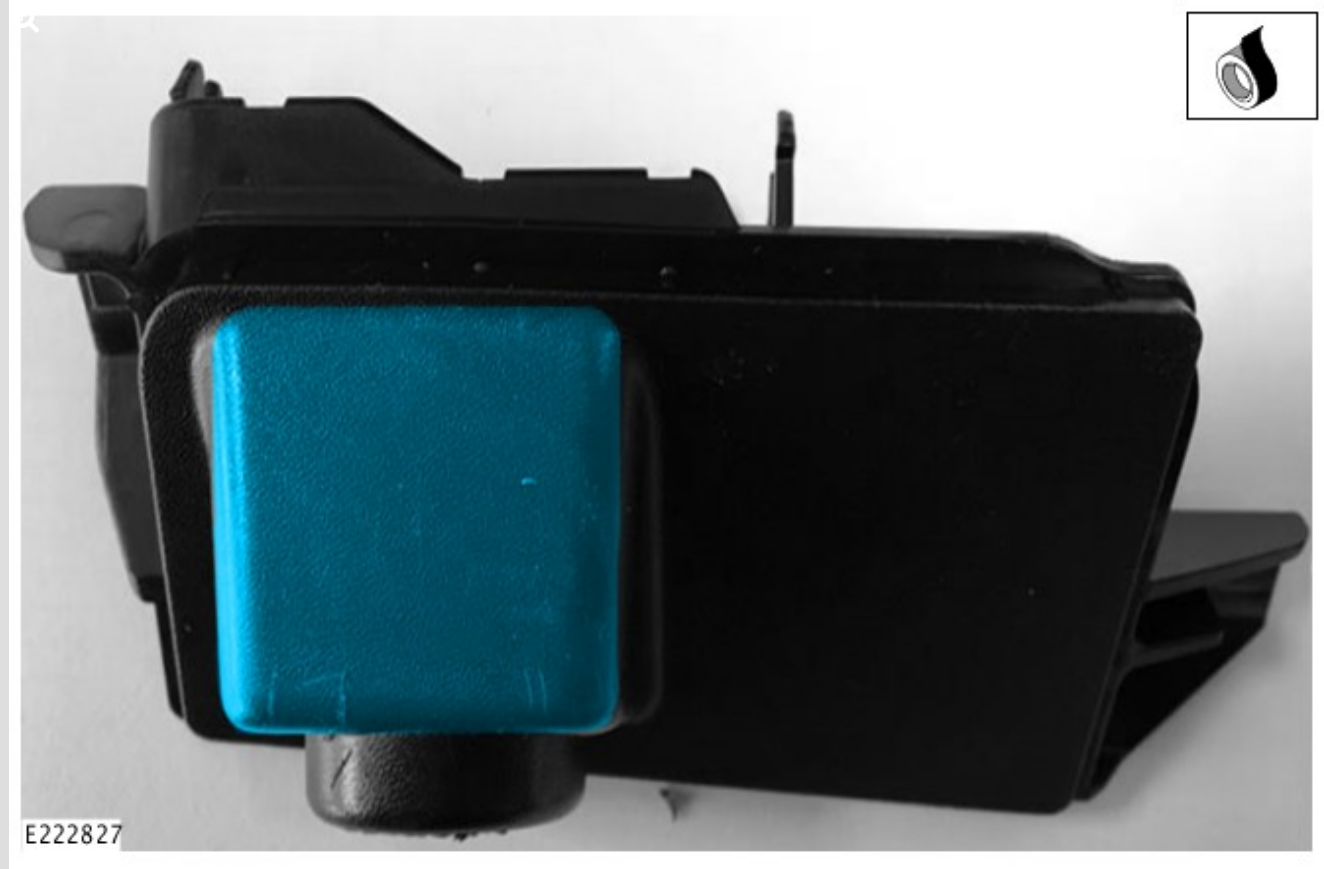


E222824

Remove the RVC from the RVC bezel.

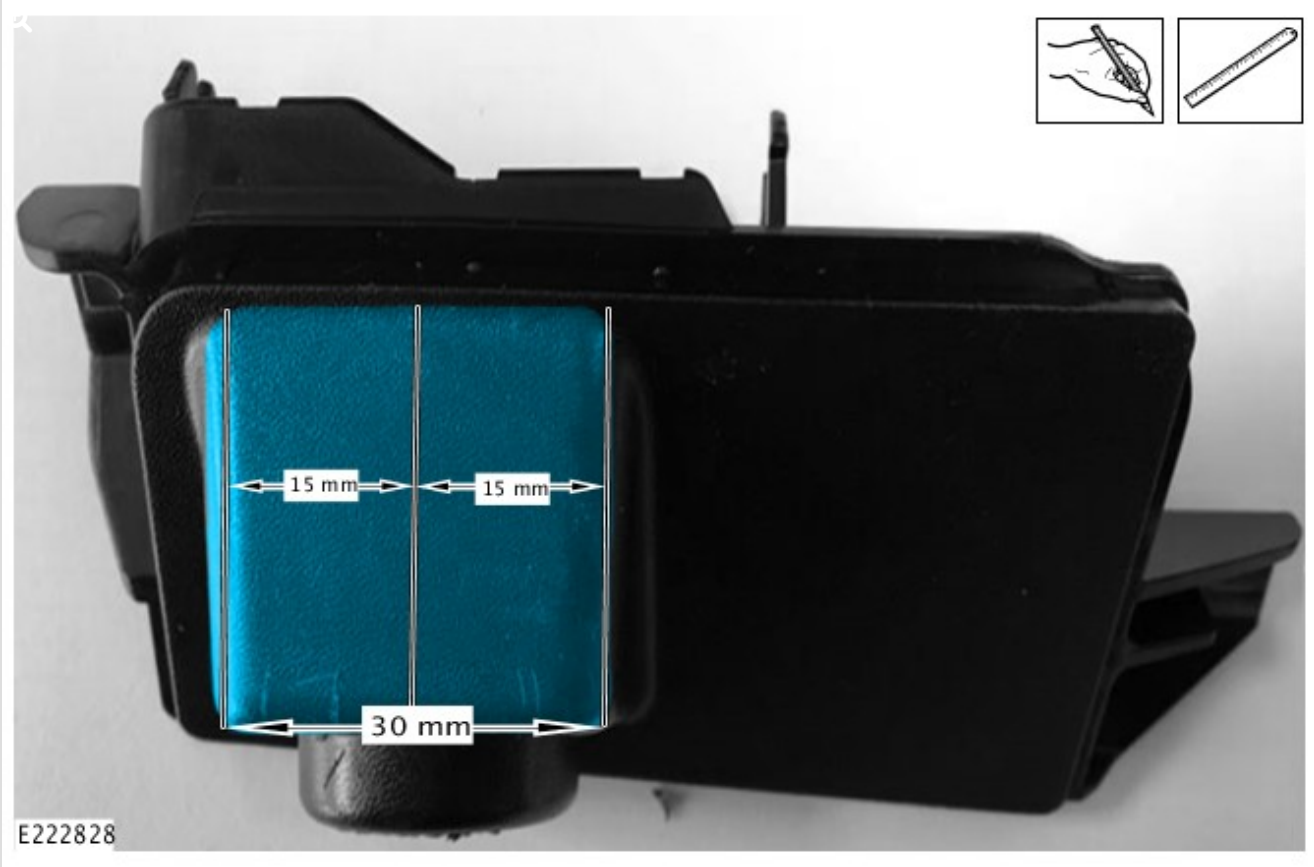
- Discard the RVC.

5



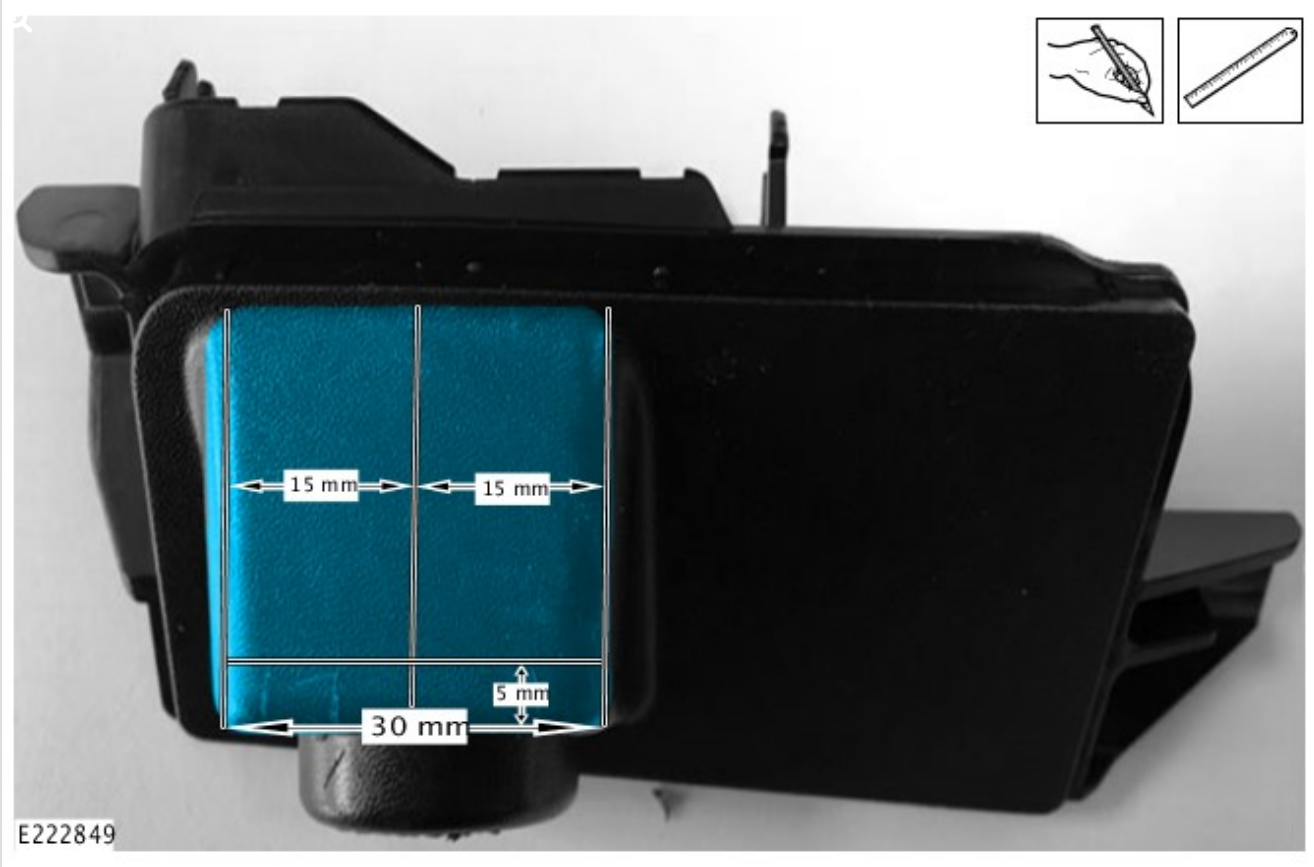
Apply masking tape to the area of the RVC bezel highlighted.

6



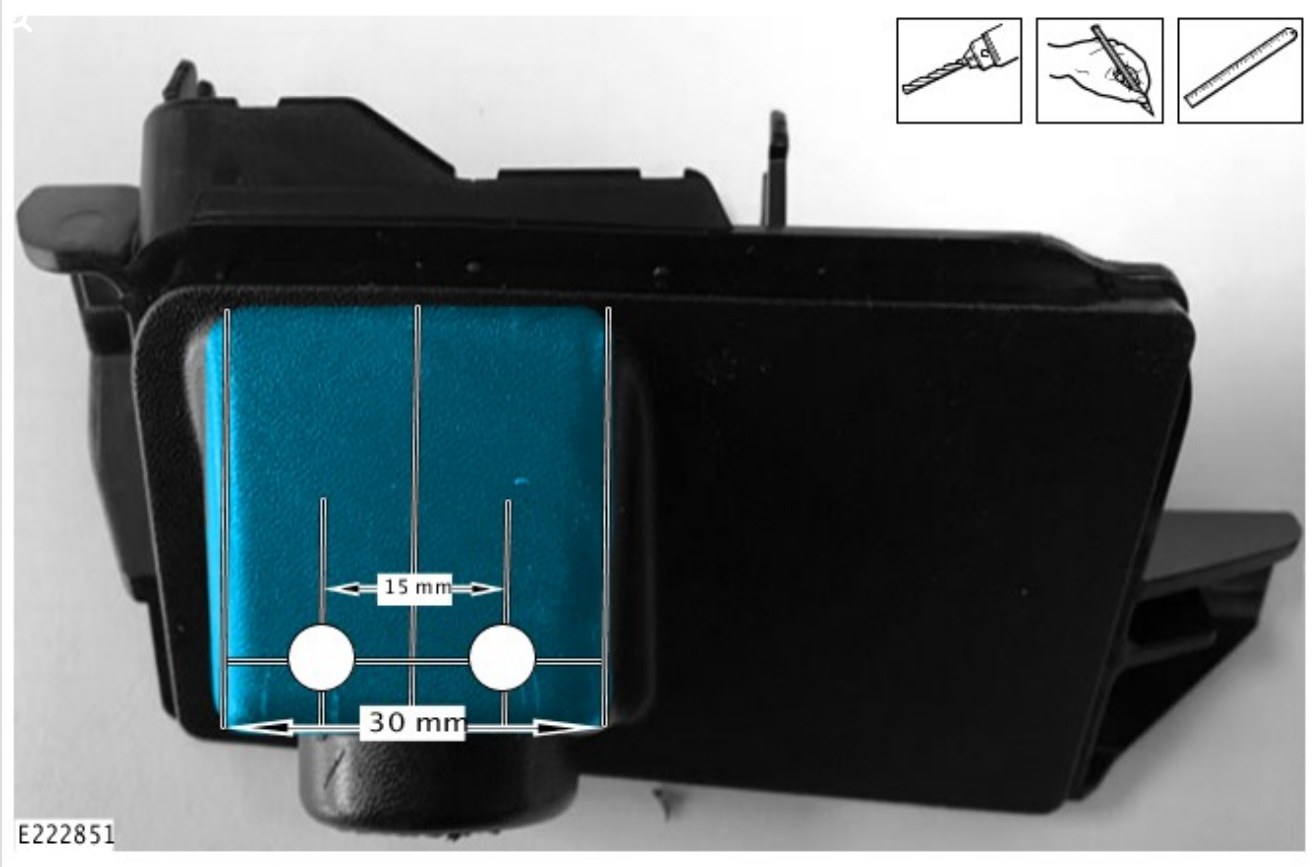
Measure and mark the RVC bezel to find the center-line as shown.

7

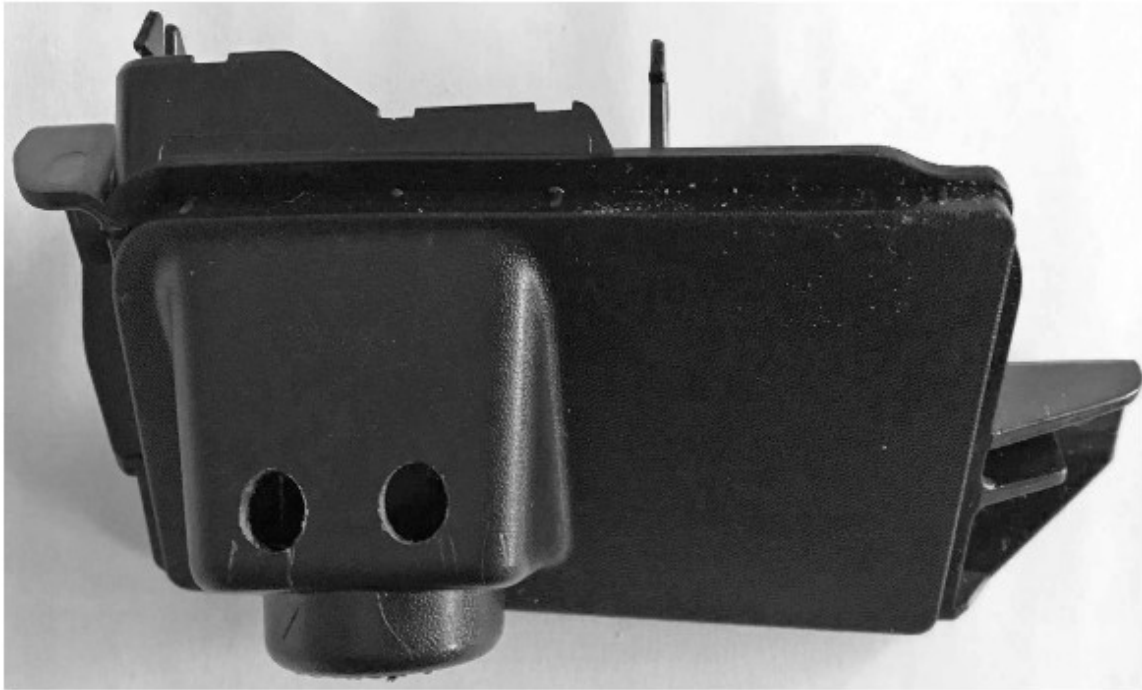


Measure and mark the RVC bezel as shown.

8



Use a suitable 6 mm drill bit to drill a hole at both positions shown.

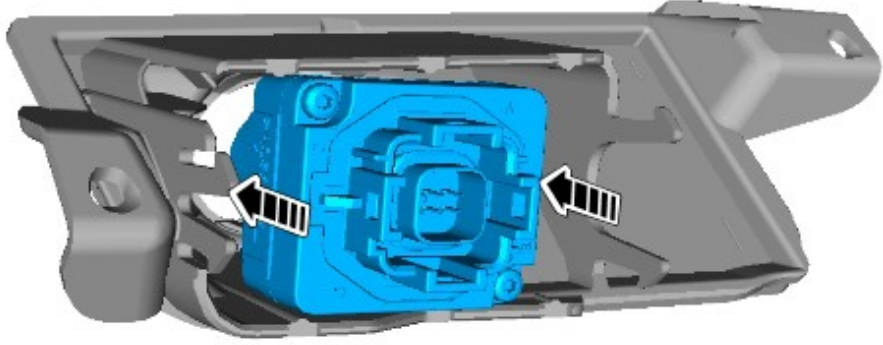


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RVC bezel after completing steps 1-8.

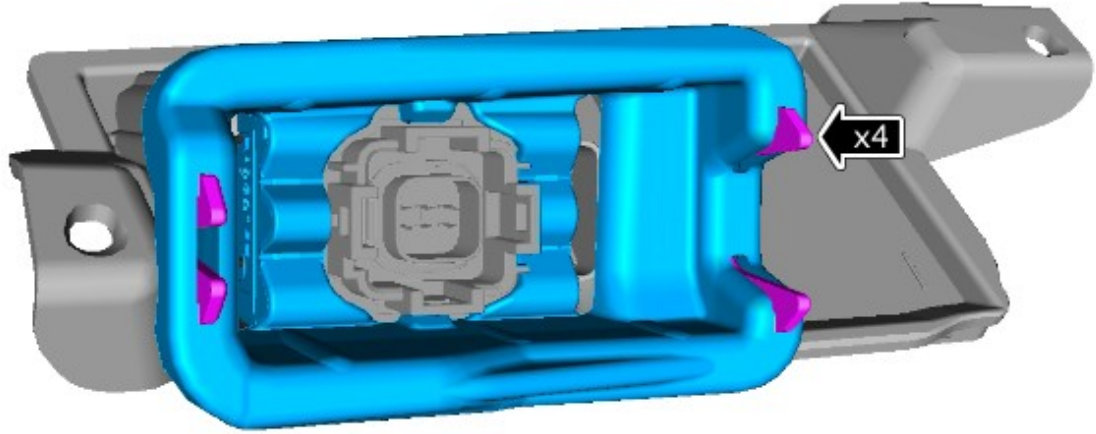
- 1 Use a suitable tool to remove any burrs from the RVC bezel.

10



E222825

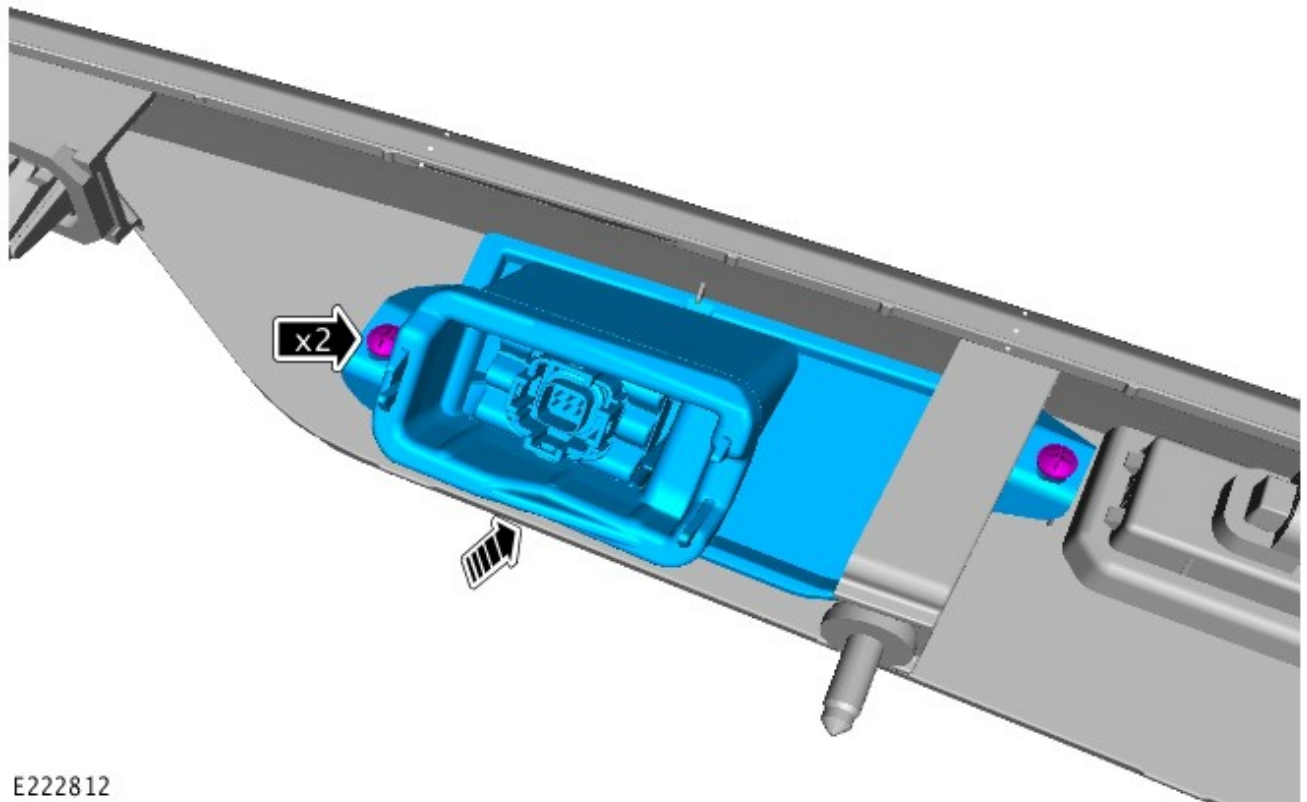
Install the new RVC to the RVC bezel.



E222826

Install the RVC housing to the RVC bezel.

12



Install the RVC bezel to the tailgate moulding.

13 Install the tailgate moulding (see TOPIx Workshop Manual section 501-08: Exterior Trim and Ornamentation - Tailgate Moulding).

- Follow installation steps 2-5 only.

14

NOTES:

Vehicles installed with InControl Touch Rear View Camera (RVC) do not require calibration when installing a new RVC.

Rear View Camera (RVC) calibration must be in daylight conditions.

Rear View Camera (RVC) functions must be turned OFF during calibration.

Calibrate the new RVC.

- 1 Drive the vehicle for 5-10 minutes (as much as possible in a straight line) at speeds up to 30 km/h (19 mph).

15 After completing the drive cycle, check the RVC operation:

- **Vehicles with Parking Aid System - 360°:**
 - Park the vehicle next to a curb/marked line.
 - Select the RVC view on the Touchscreen.
 - Make sure a straight line is displayed on the Touchscreen in the 360° plan view.
- **Vehicles without Parking Aid System - 360°:**
 - Reverse the vehicle in a straight line into a marked parking slot.
 - Make sure trajectory overlays displayed on the Touchscreen are parallel to the markings on the ground.

DIAGNOSTIC PROCEDURE:

This Diagnostic Procedure is for the following vehicles ONLY: 2017MY vehicles with InControl Touch system.

ⓘ 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 tool must be loaded with SDD152.06 Software Management Pack v291 (or later).

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

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

4 If the hyperlink is not available:

- 1 Select **Diagnosis** from the Session Type screen.
- 2 Select the **Selected Symptoms** tab.
- 3 Select **Electrical - Driving aids - Camera display – Camera image distorted**
- 4 Run and close the 'Datalogger' tool to reveal the 'Extras' tab.
- 5 Select the **Extras** tab.
- 6 Select **Run** to perform the 'Configure existing module - Image processing control module' option.

5 Follow all on-screen instructions until the application completes successfully.

- 1 When prompted, select the **Clear DTCs** option following completion of the software download.
- 2 When all tasks are complete, go to the next Step.

6 Exit the current session.

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

7 Disconnect the diagnostic tool and battery power supply from the vehicle.