

# TECHNICAL BULLETIN

LTB00663NAS4

06 OCT 2015



© Jaguar Land Rover North America, LLC

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.

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

Changes are highlighted in gray
---------------------------------

## **SECTION: 415-00**

### Steering Wheel Volume/Mode and/or Voice Activation Control Switch Not Functioning Correctly

#### **AFFECTED VEHICLE RANGE:**

**Range Rover Evoque (LV)****Model Year:** 2012-2013**VIN:** 000447-856579**Manufacturing Plant:** Halewood

#### **MARKETS:**

NAS

#### **CONDITION SUMMARY:**

**Situation:** The steering wheel Volume/Mode and/or Voice Activation control switch may not be functioning correctly.

**Cause:** This may be caused by a poor ground.

**Action:** Should a customer express this concern, follow the Service Instruction outlined below.

#### **PARTS:**



**NOTE:** vehicles with heated steering wheel require: In Car Entertainment (ICE; left-hand) switch, Overlay harness - Steering wheel, and Overlay harness - Touch Screen; do NOT replace steering wheel or Instrument Cluster menu control (right-hand) switch replacement.



**NOTE:** vehicles with non-heated steering wheel require: Steering wheel - Non-heated, In Car Entertainment (ICE; left-hand) switch, Overlay harness - Steering wheel, and Overlay harness - Touch Screen. The right-hand ICE switch MUST be retained from the old steering wheel.



**NOTE:** vehicles with heated steering wheel require: one (1) In Car Entertainment (ICE) switch (LH); one (1) steering wheel harness; and one (1) Touch Screen overlay harness.

LR047924	Steering wheel - Non-heated - with paddles - Perforated leather	Quantity: 1
LR047920	Steering wheel - Non-heated - with paddles - Standard leather	Quantity: 1
LR064174	Steering wheel - Non-heated - with paddles - Cherry brown	Quantity: 1
LR064096	Steering wheel - Non-heated - w/o paddles - Cherry Brown	Quantity: 1
LR048347	Steering wheel ICE switch (LH) - with telephone	Quantity: 1

LR048348	Steering wheel ICE switch (LH) - with telephone and heated steering wheel	Quantity: 1
LR049490	Overlay harness - Steering wheel - with telephone and heated steering wheel	Quantity: 1
LR050544	Overlay harness - Steering wheel - with telephone	Quantity: 1
LR064781	Overlay harness - Touch Screen	Quantity: 1

**TOOLS:**

Refer to Workshop Manual for any required special tools.

**WARRANTY:**

 **NOTE: 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.**

 **NOTE: 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
Touch Screen - Remove for access	<b>86.53.52</b>	0.6	42	LR048346
Overlay harness - Touch Screen - Install	<b>05.10.30</b>	0.3	42	LR048346
Instrument Cluster - Remove for access	<b>88.30.38</b>	0.4	42	LR048346
Steering wheel - Remove for access	<b>05.10.20</b>	0.2	42	LR048346
Harness - Steering wheel - Install to steering wheel	<b>05.10.20</b>	0.2	42	LR048346

 **NOTE: Normal Warranty procedures apply.**


**SERVICE INSTRUCTION:**

 **NOTE: use DDW to verify vehicle specifications.**

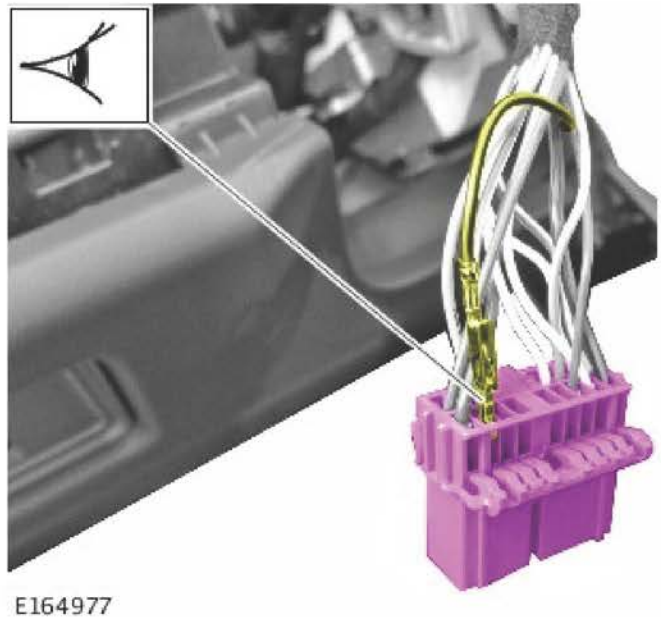
**Changes to the Service Instruction are extensive and therefore NOT highlighted.**

- 1**Remove the Touch Screen (see TOPIx Workshop Manual, section 415-01: Information and Entertainment System).
- 2**Remove the steering wheel (see TOPIx Workshop Manual, section 211-04: Steering Column).
- 3**Remove the Instrument Cluster (see TOPIx Workshop Manual, section 413-01: Instrument Cluster).
- 4**Remove the electrical connector C2LS41 (Green) from the module steering wheel.

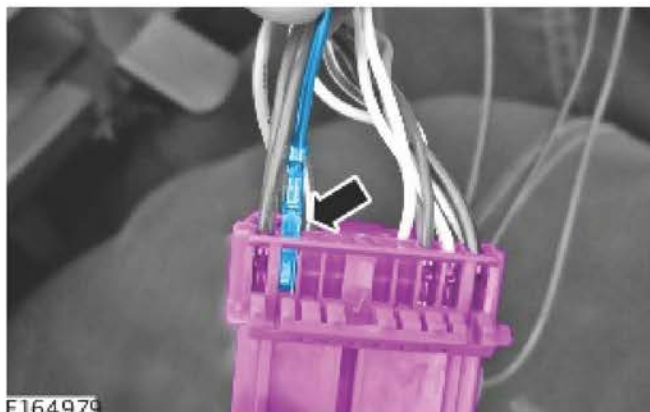


- 5  **NOTE: observe the terminal size as they are different at each end on the new overlay harness.**

Using pin out tool 418-595 back out the wire from cavity 15.

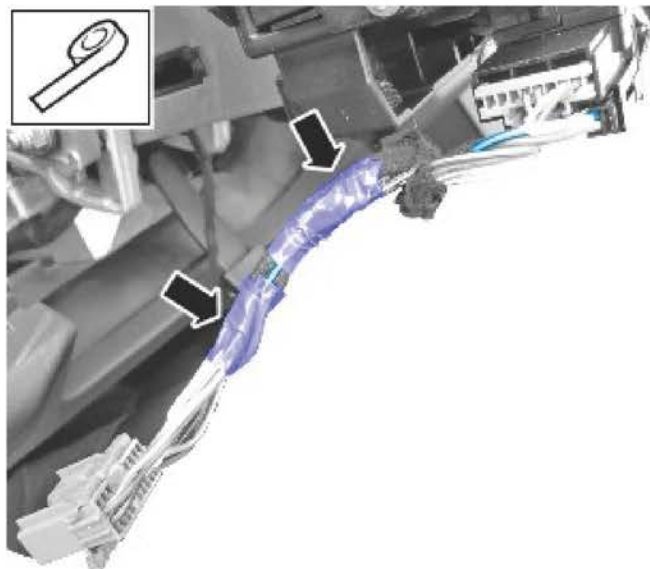


- 6 Insert the overlay wiring harness into cavity 15 of electrical connector C2LS41 (Green).



E164979

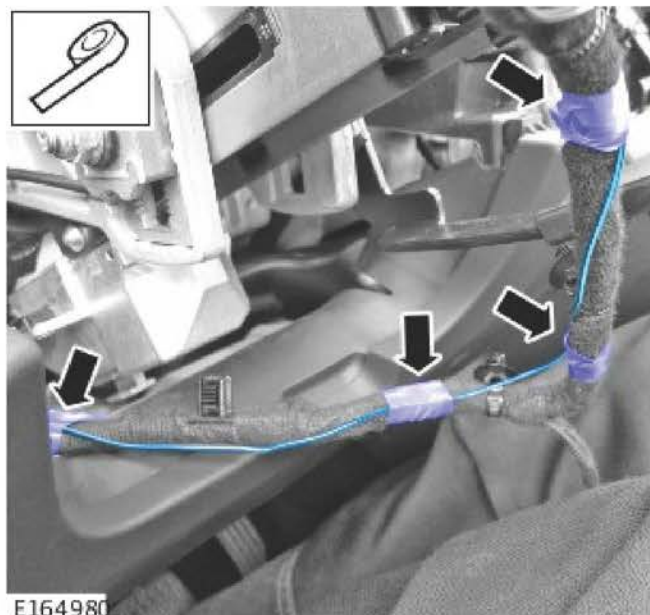
**7**Tape back the now redundant electrical connector to existing wiring harness.



E164978

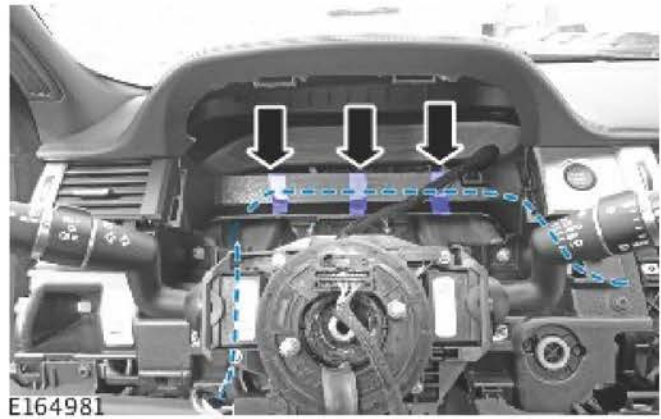
**8**Route the overlay wiring harness to follow the existing wiring harness.

- Tape to existing wiring harness at 100mm intervals.



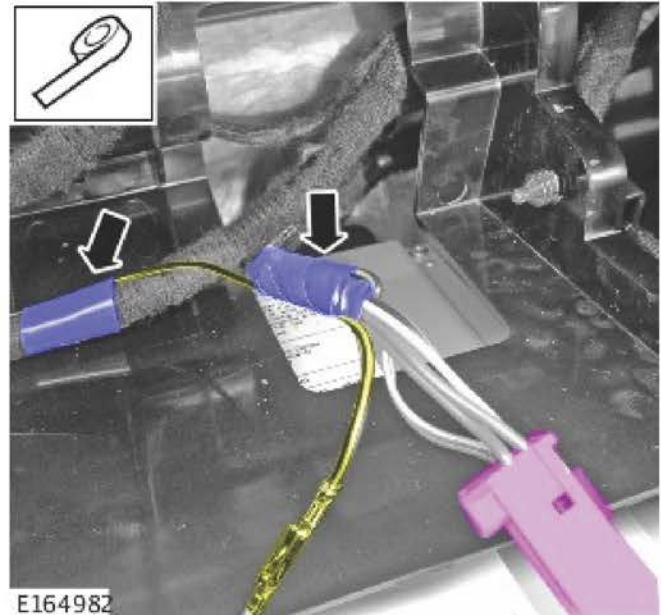
E164980

- 9**Route the wiring harness **behind** Instrument Cluster mounting bracket and secure with tape in three places.



- 10**Route the wiring harness to follow existing wiring harness to the Touch Screen mounting plate.

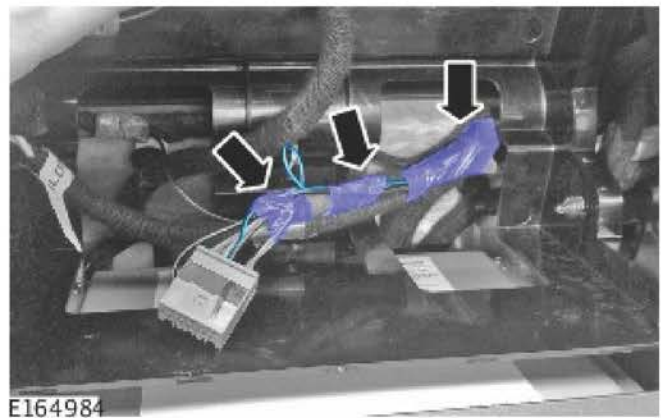
- Tape back to the existing wiring harness at 100mm intervals.



- 11**Locate the electrical harness connector C2MC02A (Grey) from the Touch Screen.

- Using pin out tool 418-595, back out the wire from cavity 13.
- Insert the overlay wiring harness in cavity 13.

- 12**Tape back any excess wires to the existing wiring harness to include the redundant wire.



- 13**Install the Touch Screen (see TOPIx Workshop Manual, section 415-01: Information and Entertainment System).

- 14**Install the Instrument Cluster (see TOPIx Workshop Manual, section 415-01: Information and Entertainment System).

- 15**  **NOTE: non-heated steering wheel only: install new Steering wheel - Non-heated, In Car Entertainment (ICE; left-hand) switch, Overlay harness - Steering wheel. Transfer the Instrument Cluster menu control (right-hand) switch from the original steering wheel.**

 **NOTE: make sure that the harness is correctly routed and clipped into the steering wheel retainers.**

**Non-heated steering wheel only:** install the new In Car Entertainment (ICE; left-hand) switch, Overlay harness - Steering wheel, and original Instrument Cluster menu control (right-hand) switch to the new steering wheel (see TOPIx Workshop Manual, section 211-04: Steering Column).

- 16**  **NOTE: heated steering wheel only: install new In Car Entertainment (ICE; left-hand) switch, Overlay harness - Steering wheel. Retain the original steering wheel and Instrument Cluster menu control (right-hand) switch.**

 **NOTE: make sure that the harness is correctly routed and clipped into the steering wheel retainers.**

**Heated steering wheel only:** install the new In Car Entertainment (ICE; left-hand) switch and Overlay harness - Steering wheel to the original steering wheel (see TOPIx Workshop Manual, section 211-04: Steering Column).

**17** Install the steering wheel (see TOPIx Workshop Manual, section 211-04: Steering Column).

**18** Test the steering wheel ICE switch functions.