

TECHNICAL BULLETIN
LTB00663NAS1
29 MAY 2014



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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.

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: CH000447-DH856579

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 do NOT require steering wheel replacement.



NOTE: Vehicles with non-heated steering wheel require: one (1) steering wheel (non-heated); one (1) In Car Entertainment (ICE) switch (LH); one (1) steering wheel harness; and one (1) Touch Screen overlay harness. 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
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
LR064096	Steering wheel - Non-heated - with paddles - Cherry	Quantity: 1

LR064781 Brown 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	86.53.52	0.6	42	LR048346
Overlay harness - Touch Screen - Install	05.10.30	0.3	42	LR048346
Instrument cluster - Remove for access	88.30.38	0.4	42	LR048346
Steering wheel - Remove for access	05.10.20	0.2	42	LR048346
Harness - Steering wheel - Install to steering wheel	05.10.20	0.2	42	LR048346

 **NOTE: Normal Warranty policies and procedures apply.**

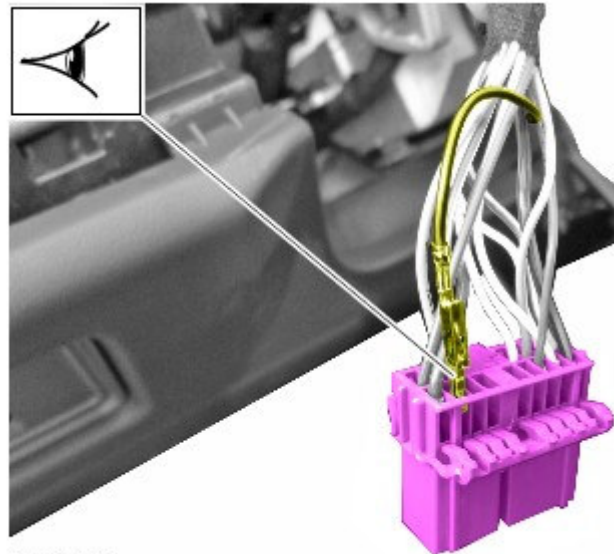
SERVICE INSTRUCTION:

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



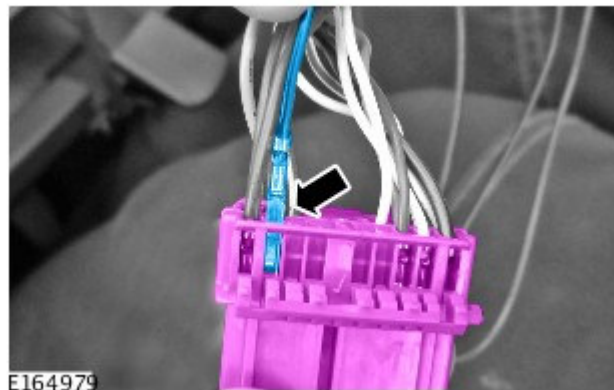
5.  **NOTE: Note terminal size as they are different at each end on the new overlay harness.**

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



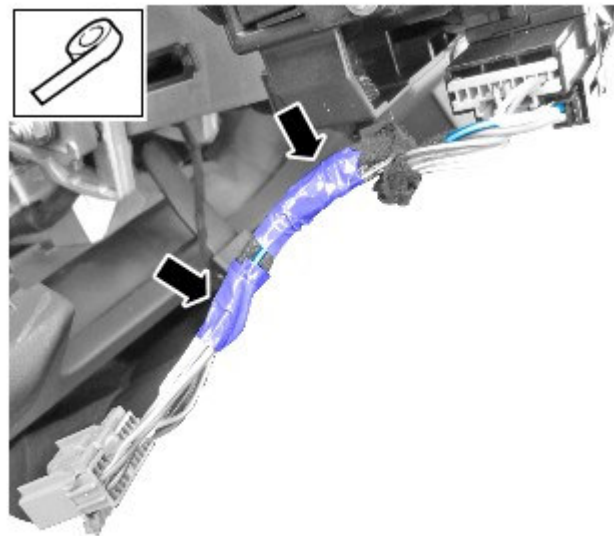
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6. Insert the overlay wiring harness into cavity 15 of electrical connector C2LS41 (Green).



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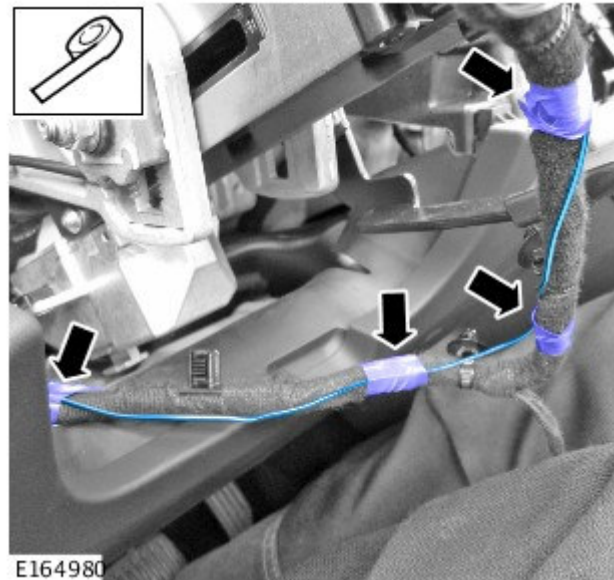
7. Tape back the now redundant electrical connector to existing wiring harness.



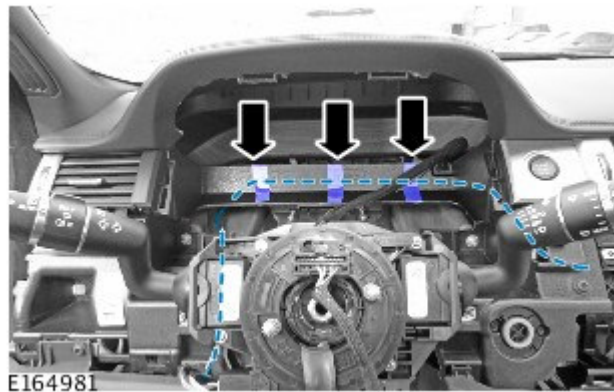
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8. Route the overlay wiring harness, following the existing wiring harness.

- Tape to existing wiring harness at 100mm intervals.

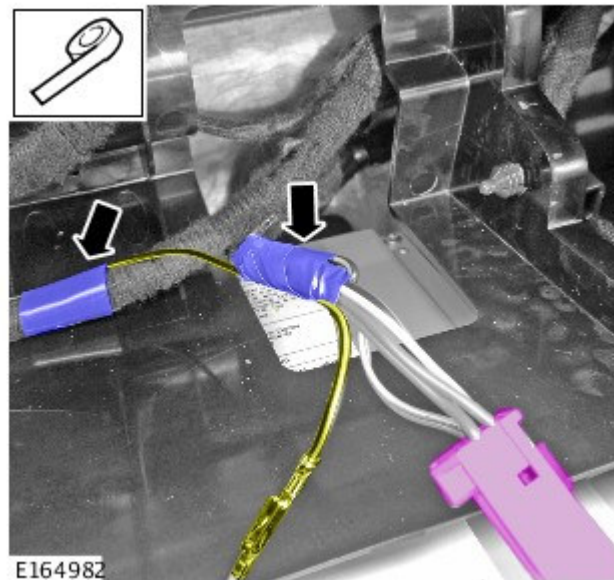


9. Route the wiring harness **behind** the Instrument Cluster mounting bracket and secure with tape in three places.



10. Route the overlay wiring harness, following existing wiring harness to the Touch Screen.

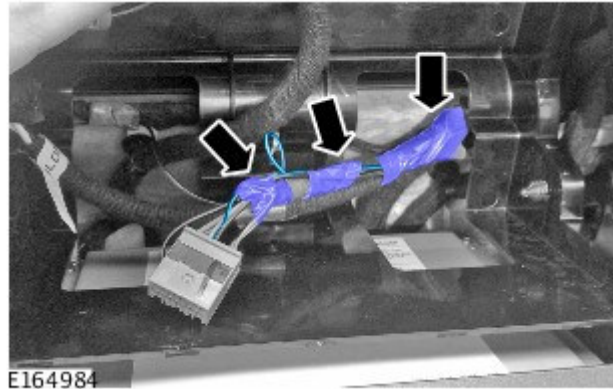
- Tape back to existing wiring harness at 100mm intervals.



11. Locate 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 wire to existing wiring harness.



13. Install the Touch Screen (see TOPIx Workshop Manual, Section 415-01).

14. Install the instrument cluster (see TOPIx Workshop Manual, Section 415-01).

NOTE: Vehicles with non-heated steering wheel require: one (1) steering wheel (non-heated); one (1) In Car Entertainment (ICE) switch (left-hand); one (1) steering wheel harness; and one (1) Touch Screen overlay harness. The right-hand ICE switch **MUST** be retained from the old steering wheel. Continue to step 15.

NOTE: Vehicles with heated steering wheel require: one (1) In Car Entertainment (ICE) switch; one (1) steering wheel harness; and one (1) Touch Screen overlay harness. Continue to step 16.

15. **NOTE:** Vehicles with non-heated steering wheel only:

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

NOTE: The right ICE switch **MUST** be retained from the old steering wheel.

Install steering wheel harness and ICE switches (new left-hand; transfer right-hand from original to new) to the new steering wheel (see TOPIx Workshop Manual, section 211-04).

16. **NOTE:** Vehicles with heated steering wheel only:

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

Install steering wheel harness and ICE switch (new left-hand) to the original steering wheel (see TOPIx Workshop Manual, section 211-04).

17. Install the steering wheel (see TOPIx Workshop Manual, Section 211-04).

18. Test all steering wheel control switch functions.