TECHNICAL BULLETIN LTB00467 18 JUN 2012



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SECTION: 417-00

Defender Headlamp Switch Overlay Kit

AFFECTED VEHICLE RANGE:

Defender (LD) Model Year: 2007-2011

VIN: 7A732615-BA412050

MARKETS:

ΑII

CONDITION SUMMARY:

Situation: A customer may report a concern that the headlamps are not working.

Cause: Too much load passing through the headlamp switch. Suggested Customer Concern Code L26.

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

PARTS:

LR030389	Overlay Kit LHD	Quantity: 1
LR030390	Overlay Kit RHD	Quantity: 1
FN106042	Nut	Quantity: 1
YMQ501220	Ground cable	Quantity: 1

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	CONDITION CODE	CAUSAL PART
Headlamp Relay Wiring Modification	86.55.89.29	0.6 hours	46	AMR6104

igtriangleNOTE: Normal Warranty procedures apply.

SERVICE INSTRUCTION:



- 1. Disconnect the battery ground cable (see TOPIx Workshop Manual, section 414-01).
- 2. Remove the steering wheel (see TOPIx Workshop Manual, section 211-04).
- **3.** Remove the steering column shrouds (see TOPIx Workshop Manual, section 501-05).
- **4.** Remove the coin tray.
- 5. Remove the instrument panel speaker (see TOPIx Workshop Manual, section 415-03).
- 6. CAUTION: Make sure that the correct extraction tool is used, for further information see TOPIx Workshop Manual, 418-02 Wiring Harnesses, Description and Operation.

Install brown/blue wire (NU) to the empty pin 3.

• Remove and discard blue wire (no connector) from relay pin 3.



E143657

7. Cut the spade end connector off the end of the wire in pin 2.



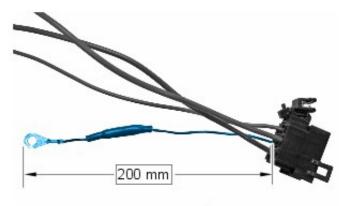
8. Cut the ground wire before the splice



9. CAUTION: Make sure that the overall length of the ground wire is 200mm.

Install the new ground cable to the ground wire.

• Using a suitable connector from the Land Rover approved harness repair kit splice the new ground cable to the existing ground wire.



E143885

- **10.** Install the relay to the vehicle.
 - RHD vehicles Secure the relay in position with the clip.
 - LHD vehicles Secure the relay to the fusebox bracket using suitable tie straps.
 - Connect the ground harness to the vehicle at a suitable ground point.



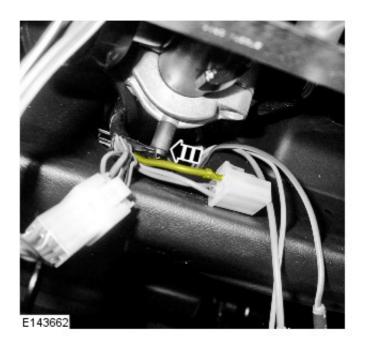
11. Carefully feed the new harness up to the ignition switch along the existing harnesses.

12. CAUTION: Make sure that the correct extraction tool is used, for further information see TOPIx Workshop Manual, 418-02 Wiring Harnesses, Description and Operation.

NOTE: RHD - Connector number C0041.

NOTE: LHD - Connector number C1082.

Using a suitable tool, back out pin 1 (brown/blue (NU)) from appropriate connector.



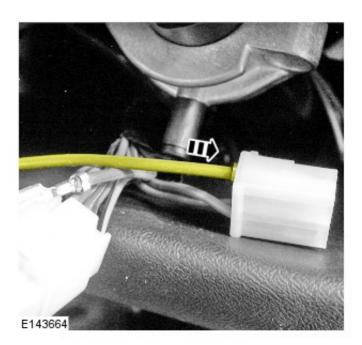
13. Cut-off and discard the spade end connector from the backed out wire.



14. NOTE: RHD - Connector number C0041.

NOTE: LHD - Connector number C1082.

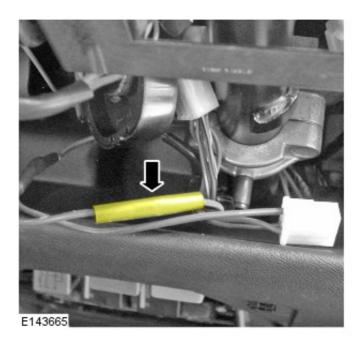
Install the brown/blue (NU) connector to pin 1 from the appropriate connector.



15. CAUTION: Make sure that the surrounding components and trim are suitably protected when using the heat gun, failure to follow this instruction may result in damage to the vehicle.

Using suitable tools splice the backed out brown/blue (NU) to the new brown/blue (NU) wire.

- Remove a suitable amount of insulation from both ends of the wire.
- Install suitable heat-shrink and a connector.
- Using a suitable tool, crimp the connector.
- Using a suitable heat gun, secure the heatshrink over the splice.

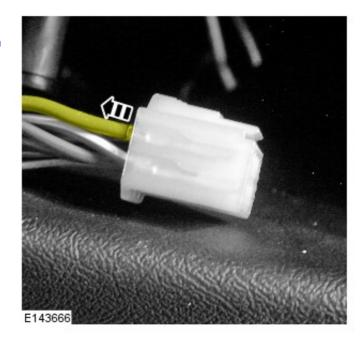


16. CAUTION: Make sure that the correct extraction tool is used, for further information see TOPIx Workshop Manual, 418-02 Wiring Harnesses, Description and Operation.

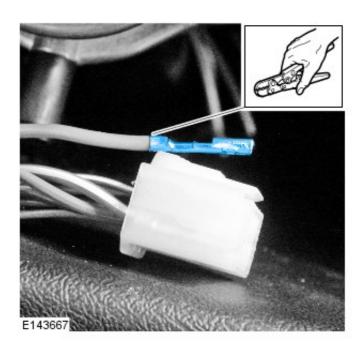
NOTE: RHD - Connector number C1042.

NOTE: LHD - Connector number C1739.

Using a suitable tool, back out pin 1 (blue (U)) from the appropriate connector.



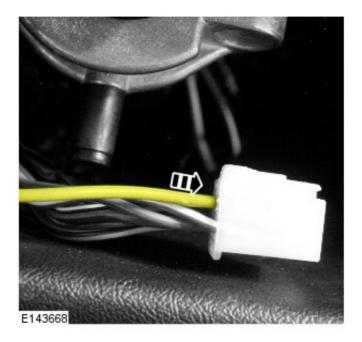
17. Cut-off and discard the spade end connector from the backed out wire.



18. NOTE: RHD - Connector number C1042.

NOTE: LHD - Connector number C1739.

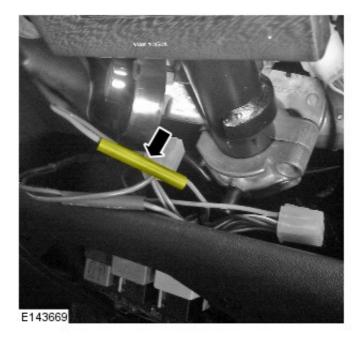
Install the blue (U) connector to pin 1 on the appropriate connector.



19. CAUTION: Make sure that the surrounding components and trim are suitably protected when using the heat gun, failure to follow this instruction may result in damage to the vehicle.

Using suitable tools splice the backed out blue (U) wire to the new blue (U) wire.

- Remove a suitable amount of insulation from both ends of the wire.
- Install suitable heat-shrink and a connector.
- Using a suitable tool, crimp the connector.
- Using a suitable heat gun, secure the heatshrink over the splice.



- **20.** Connect the two connectors.
- 21. Using suitable tie straps, secure the new harness at suitable points to the existing harnesses.
- 22. To install, reverse steps 1 to 5.