

 **CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.**

 **CAUTION: Ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**

 **NOTE: SDD must be loaded with DVD138.05 v.177 or later.**


1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
2. Turn ignition 'ON' (engine not running).
3. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
5. Read the Diagnostic Trouble Codes (DTC).
 - If DTC C110C-14 is present, go to the front left damper; carry on from Step 6.
 - If DTC C110D-14 is present, go to the front right damper; carry on from Step 6.
 - If DTC C110E-14 is present, go to the rear left damper, carry on from Step 14.
 - If DTC C110F-14 is present, go to the rear right damper, carry on from Step 14.

Steps 6-12: Front Left and Right Damper Wiring Repair

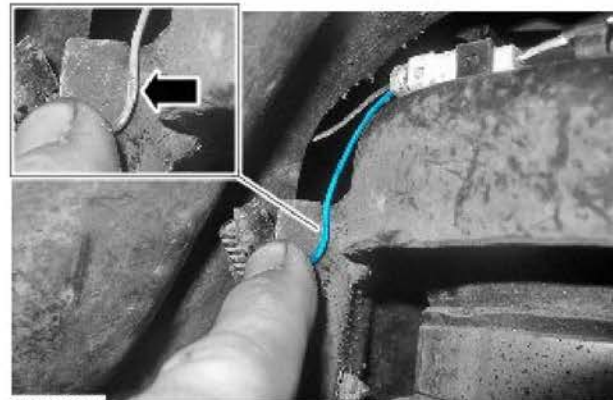
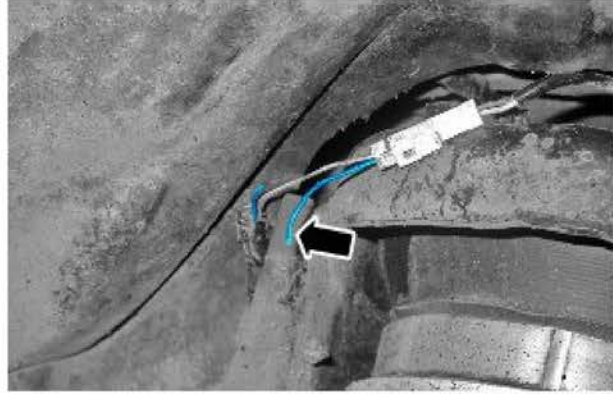
6.  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

Raise and support the vehicle (see TOPIX Workshop Manual, section 100-02).

7. Remove both front wheel and tire assemblies.

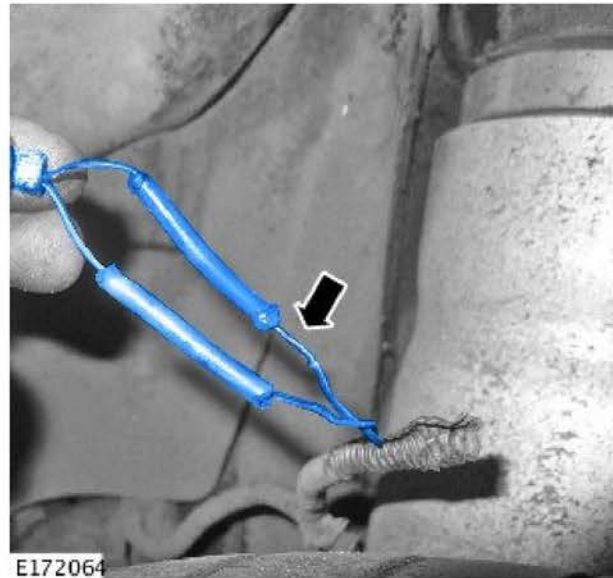
8.  **NOTE: Inspect both sides; if there is any sign of wear or contact that may result in a future damage, both sides must be repaired.**

Cut off the old connector at the damaged area, noting the terminal orientation.



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- 9. Using heatshrink and inline connector from harness repair kit, splice in the new connector.



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- 10. Using suitable tape, insulate the repaired wiring harness and install wiring harness as shown.



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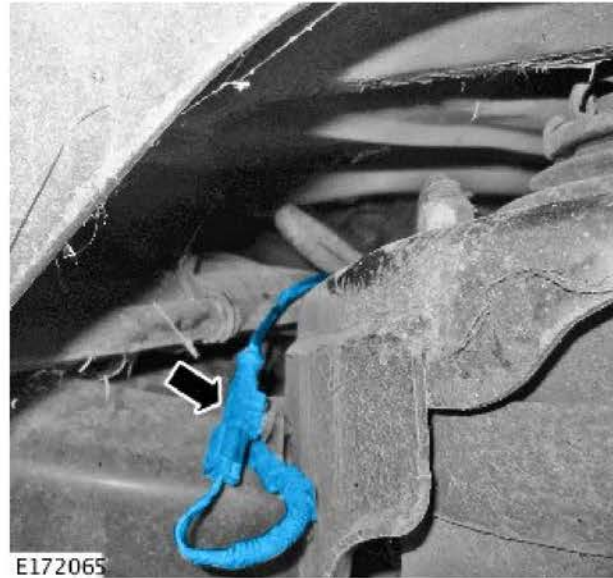
11. Repeat steps 6-8 to the other side.
12. Install both front wheel and tire assemblies.
 - Torque: 140Nm
13. If DTC C110E-14 and/or C110F-14 is set, continue to step 14.
 - If DTC C110E-14 and/or C110F-14 is not set, continue to step 20.

Steps 14-19: Rear Left and/or Right Damper Wiring Repair

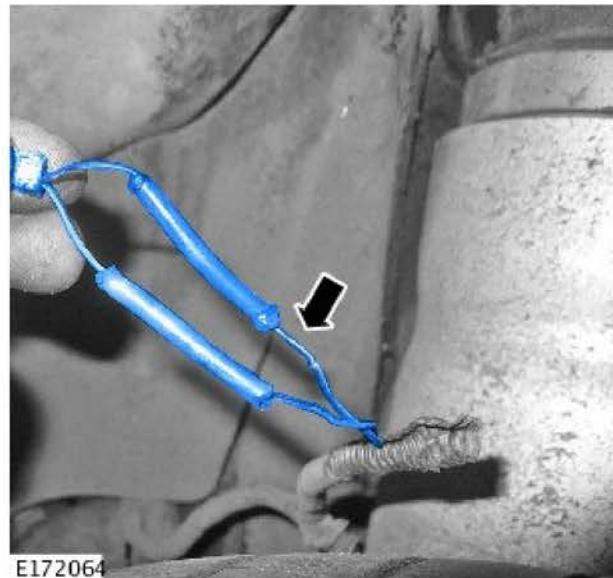
14.  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

Raise and support the vehicle (see TOPIx Workshop Manual, section 100-02).

15. Remove the rear left and/or right wheel and tire assembly as necessary.
16. Cut off the old connector at the damaged area, noting the terminal orientation.



- 17.** Using heatshrink and inline connector from harness repair kit, splice in the new connector.



- 18.** Using suitable tape, insulate the repaired wiring harness and install wiring harness.
- 19.** Install the wheel and tire assembly(ies).
- Torque: 140Nm
- 20.** Use SDD to clear all DTCs.
- 21.** Exit the current session.
- 22.** Disconnect the SDD and the battery power supply from the vehicle.