

"DOCUMENT UNCONTROLLED IF PRINTED"

DOC #	PROCESS NAME	PAGE	REVISION	STATION	BY	DATE
Recall 20V335	FCCC Electrical Wire Routing Rubbing Frame	1 OF 2		SER	C.Ward	6/9/2020

Read process before beginning. If you do not understand any part please contact: Chris Ward, Vice President of Service at 1-866-953-5555 or by E-mail @ cward@ARBOCSV.com.

Good Mechanics safety practice must be followed on any repairs.

Safety practices should include but not be limited to properly supporting the chassis, axles, blocking tires, and a work area free of clutter.

Repair shops safety rules must be followed and safety equipment used. O.E.M. Battery and Auxiliary Battery MUST be disconnected.

The purpose of Recall 20V335 is on certain vehicles, inspection and/or relocation of power cables for proper routing and clearance is necessary to avoid chaffing of power cables which increases the potential for fire to occur.

Complaint: Area #1: FCCC Power Cable rubbing against FCCC forward frame

Area #2: FCCC Positive Cable making contact with Ground Cable

Cause: Incorrect routing from FCCC

Correction: Inspection and re-routing per inspection/repair instructions

Vehicles Affected: 2014-2019 ARBOC Spirit of Liberty and Spirit of America Units on Freightliner (FCCC) Chassis

Labor Operation Code: RC059801

Labor Time Allowance: 0.5 hours per unit

Tools Required

Ratchet

5/8" Socket

Parts List

Electrical Routing - Area #1:

1. Open the front door/hood at the front of the unit.

2. Locate wiring at the driver side of firewall to inspect if rubbing on the FCCC frame.

Photo 1 - Correct Routing - Tight and pulled away from sharp frame edge

Photo 2 - Incorrect Routing - Loose and making contact with sharp edge frame

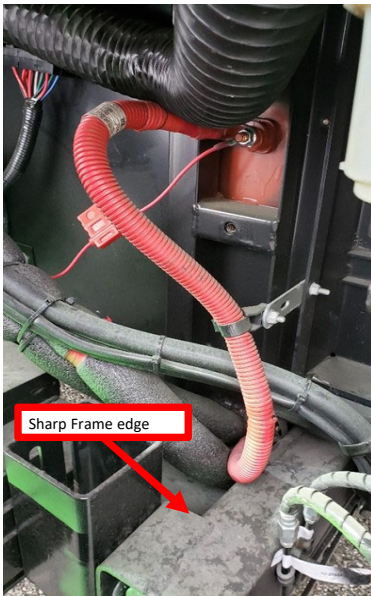


Photo 1



Photo 2

3A. If the unit is wired correctly (photo 1), please add an inspection mark to the firewall and submit warranty documentation including notation that NO further changes were required.

3B. If the unit is wired incorrectly (photo 2), please continue to the repair section for re-wiring instructions. When completed, please submit warranty documentation of repairs completed.

Repair Instructions:

1. Disconnect batteries
2. Remove/Discard P-Clamp
3. Pull Cable upwards to create maximum separation from frame and add a P-Clamp. NOTE: Excess cable should be above the P-Clamp as shown in Photo 1.
4. Re-connect batteries
5. Add witness mark for repairs completed.

DOC #	PROCESS NAME	PAGE	REVISION	STATION	BY	DATE
20V335	FCCC Electrical Wire Routing Rubbing Frame	2 OF 2		SER	C. Ward	6/9/2020

Electrical Routing - Area #2:

1. Open the front door/hood at the front of the unit.
2. Locate wiring at the driver side of firewall to inspect potential cable contact

Photo 3 - Correct Routing - Adequate spacing between positive and ground terminals

Photo 4 - Incorrect Routing - Cables routed over each other and/or making contact with each other



Photo 3



Photo 4

3A. If the unit is wired correctly (photo 3), please add an inspection mark to the firewall and submit warranty documentation including notation that NO further changes were required.

3B. If the unit is wired incorrectly (photo 4), please continue to the repair section for re-wiring instructions. When completed, please submit warranty documentation of repairs completed.

Repair Instructions:

1. Disconnect batteries
2. Loosen positive and ground connections
3. Re-route cables to create maximum separation from each other.
4. Re-tighten lug connections (Torque = 45 ft/lbs)
5. Re-spray connections with di-electric spray
6. Re-connect batteries
7. Add witness mark for repairs completed.