

Product Upgrade Bulletin 190827REV



**UPGRADE
BULLETIN:
190827REV**

**YEAR(S)
AFFECTED:**
2020

**PRODUCT(S)
AFFECTED:**
2020 Fleetwood Flair
2020 Holiday
Rambler Admiral

**MODEL(S)
AFFECTED:**
34 J

SUBJECT:
Correction of 12-
Volt Patio Awning
Circuitry and
Wiring

KEYWORDS:
Awning, Circuit,
Wiring

ISSUE DATE:
September 2019

The purpose of this Upgrade Service Bulletin is to inform all REV Recreation Group dealers about the need to correct the 12-Volt patio awning circuitry and wiring on certain model year 2020 Fleetwood Flair and Holiday Rambler Admiral, Model 34 J Class A motorhomes in order for the awning switch to function with the appropriate lockouts applied.

CONDITION:

On motorhomes affected by this Product Upgrade, the patio awning circuit wiring may have been incorrectly wired and could be manually operated regardless of the positioning of the ignition switch and/or parking brake.

PROCEDURES:



Dealers are required to call REV Dealer Technical Support to obtain Prior Authorization before beginning any work and after the unit is in their bay. You will receive instructions and will be provided any necessary part ordering information.

Fleetwood Dealer Technical Support: (800) 816-9825
Holiday Rambler Dealer Technical Support: (877) 332-9239

- **READ THIS ENTIRE BULLETIN CAREFULLY BEFORE PROCEEDING AND FOLLOW ALL SAFETY PRECAUTIONS.**
- **Review the list of affected units at the end of this bulletin to ensure the motorhome you are inspecting is part of this campaign.**
- **Take a copy of this bulletin with you when servicing the unit.**
 - **PHOTOS WILL BE REQUIRED FOR THE FOLLOWING PROCEDURES. READ PHOTO REQUIREMENTS CAREFULLY. INSUFFICIENT PHOTO DOCUMENTATION MAY RESULT IN CLAIM DENIAL.**
- **If there are any questions after reviewing the entire procedure, contact REV Dealer Technical Support.**



1. Park the motorhome on dry, level pavement. Place the transmission into PARK and set the parking brake.
2. Turn off the ignition and remove the ignition key. Maintain control of ignition keys while work is performed. Attach a notice "DO NOT USE" to the ignition switch in order to prevent activation of the systems or starting of the motorhome
3. Block wheels to prevent movement.
4. Turn off both chassis and auxiliary battery disconnects.

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WARNING

- REMOVE JEWELRY BEFORE WORKING ON ELECTRICAL CIRCUITRY.
- ENSURE THE GENERATOR IS NOT RUNNING AND ITS POWER SWITCH IS TURNED OFF.
- DISABLE AUTO GEN START.
- ENSURE THE SHORE POWER CORD IS UNPLUGGED.

5. With the entry door open, remove the upper step cover by removing the (2) screws from the cover with a wide, flat blade screwdriver. Set the screws and cover aside for reinstallation. See Figure 1.

NOTE: Pay careful attention to the following two circuit identifications which have similar designations but different functions:

- **003AA** (white) is routed to the ignition circuit and will be found connected to the fuse panel located under the step cover.
- **003BB** (pink) will be found in position 10 of the 12-pin connector of the harness located under the bed.

6. With the step cover removed, locate the 4-pin connector on the fuse panel, shown in Figure 2, and remove it from the panel.

7. On this connector, locate the 003AA 12 gauge ignition circuit (white wire) in Position 3 of the four-pin connector.

NOTE: The wire circuit numbers are printed on the wire coating.

Cut the circuit 2" from the connector and strip 5/8" from the ends of both the 12 gauge circuit and the new 16 gauge jumper wire (provided in the parts kit); twist the copper strands from the wires together as shown in Figure 3.

8. Apply a new yellow butt connector to the twisted wires. Take the single wire end of 003AA 12 gauge white wire going to the connector, strip 3/8" from its end, and connect it to the opposite end of the yellow butt splice as shown in Figure 4, making a 3-wire splice. Wrap the connection with two layers of electrical tape after crimping; reconnect this to the fuse panel from where it was removed earlier.

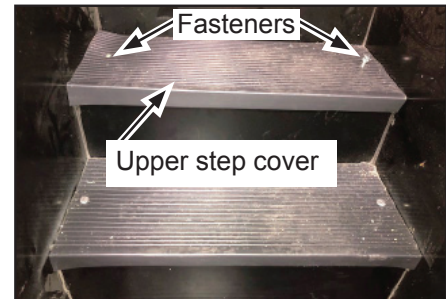


Figure 1

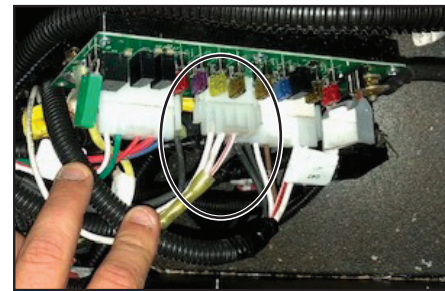


Figure 2

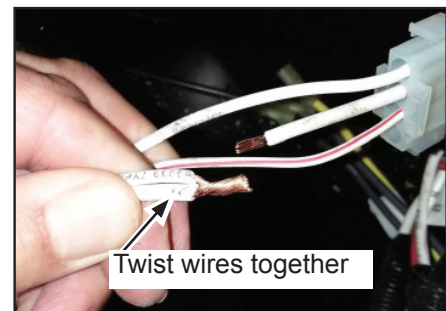


Figure 3

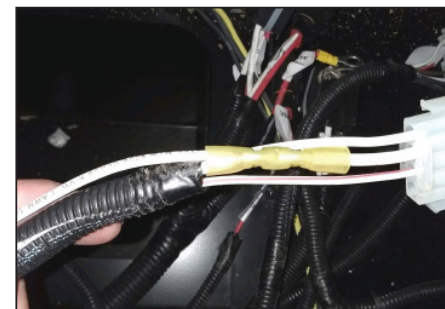


Figure 4

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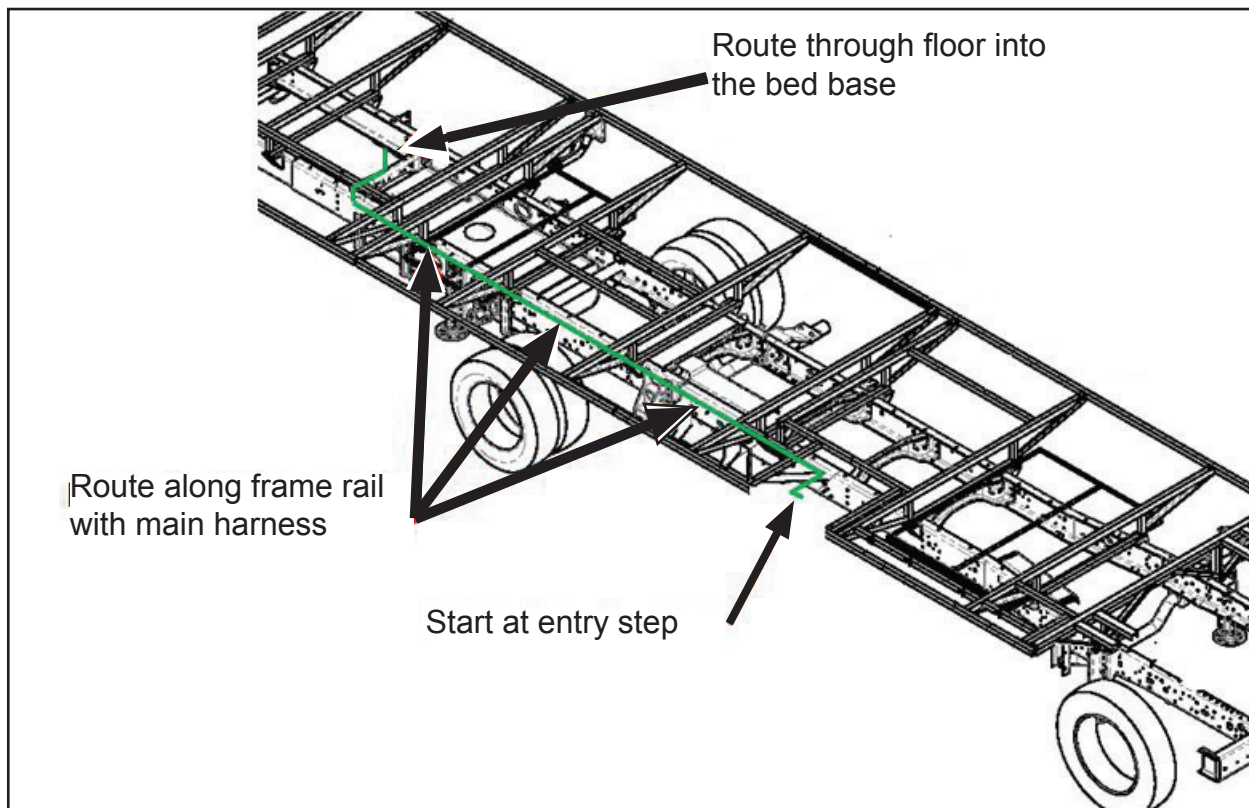


Figure 5

9. Route the remaining length of the new 16 gauge loomed wire out the side of the step well box, following along with the rest of the under-floor harness rearward down the chassis toward the bedroom area. Be sure to route the wire through the existing harness P-clamps. Additionally, install wire ties every 12" to secure the 16 gauge jumper wire to the rest of the harnesses. See Figure 5.

NOTE: While routing the wiring, be sure to avoid any sharp edges and/or tight radius bends.

10. Go inside the motorhome, raise the hinged bed top, and remove the screws from the panel to gain access to the area in which the main under-floor wire harness enters the coach. See Figure 6 for the access panel location.

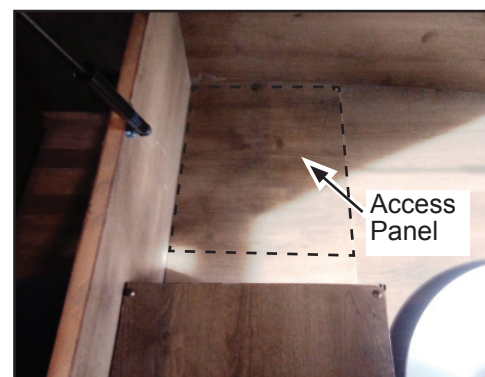


Figure 6

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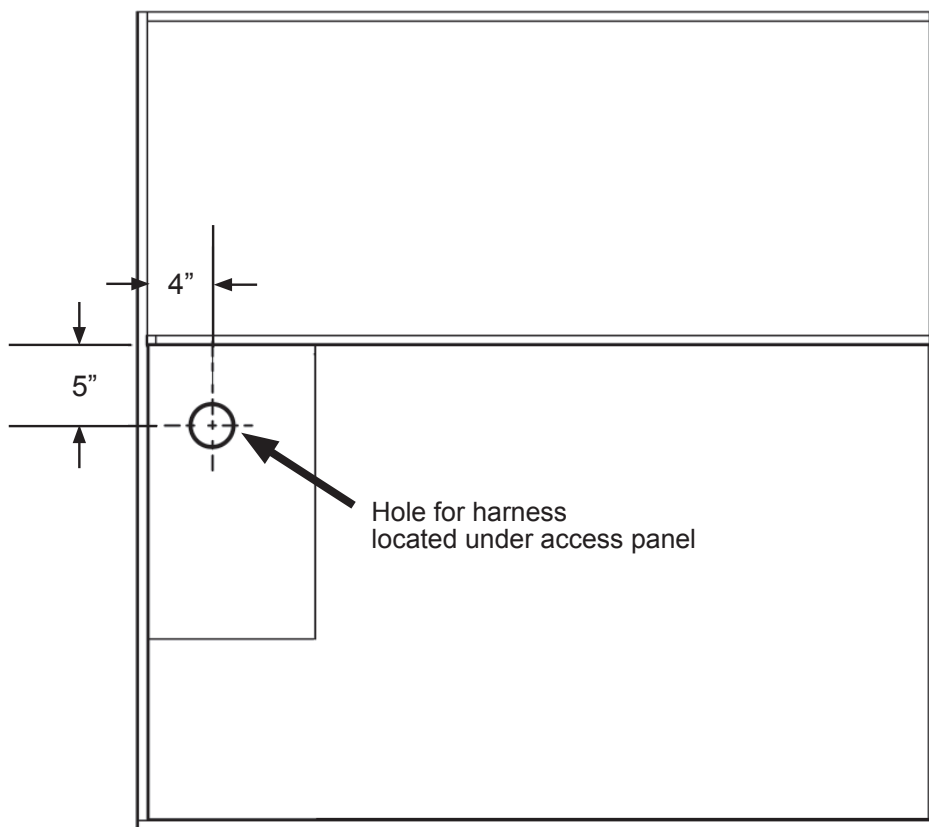


Figure 7

11. Open the sealer at the hole in the unit's floor where the underfloor harness passes through into the coach under the bed. The approximate location of the hole is shown in Figure 7. Ensure it is a large enough opening for the single wire and loom to pass through. Continue routing the 16 gauge jumper wire up through the floor under the bed base.
12. Under the same access panel that has already been removed, locate the harness and 12-pin connector labeled "To Misc Harness Conn #5". See Figure 7 for a photo of the harness and Figure 8 for an example of the label on the harness.

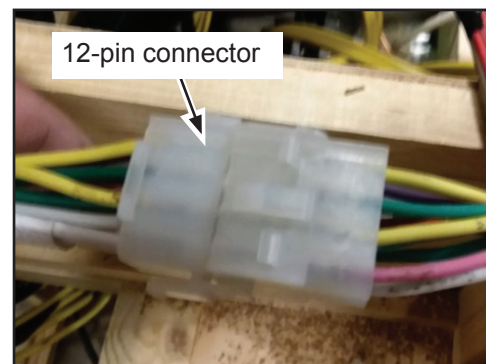


Figure 7



Figure 8

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13. Once the correct connection has been found, locate the 16 gauge pink wire labeled 003BB (printed on the wire coating) in position 10 of the 12-pin connector. See the diagram in Figure 9.

There are two possible scenarios that you may encounter that require correction, both of which are illustrated in Figures 10, 11 and 12:

- a) The first scenario would be that the 003BB circuit (pink wire) has been cut and spliced into circuit 529 (green wire). Circuit 529 will be located in an adjacent harness connection labeled as "To Misc Harness Conn #1". Refer to the Figure 10 and the schematic in Figure 11 for this possible condition.

NOTE: A jumper wire may be present, as shown in Figure 10.

- b) The second scenario would be that the 003BB circuit (pink wire) is still intact and pinned into the original connection labeled "To Misc Harness Conn #5". See Figure 12.

NOTE: Due to the large number of harnesses in this area, be sure to double-check that you have found the correct harness connection and wire circuit(s) before moving on to the next step.

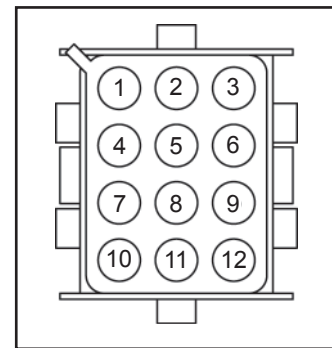


Figure 9

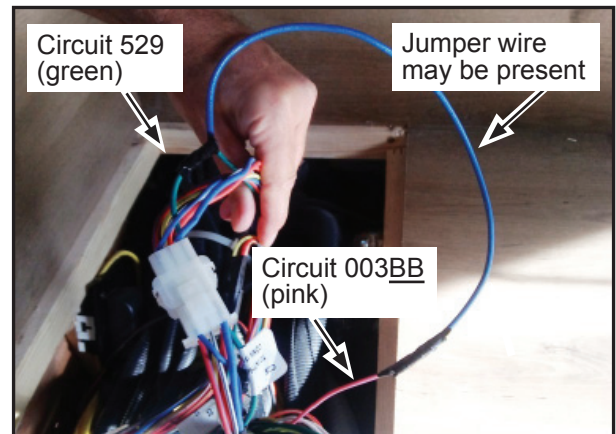


Figure 10

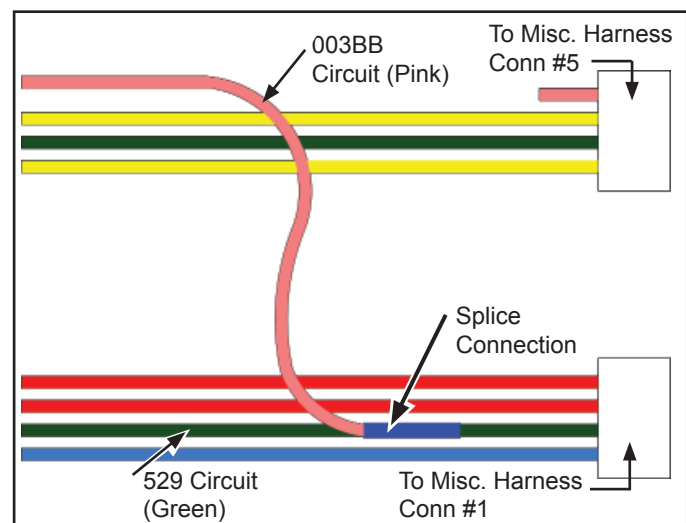


Figure 11
(Example of possible miswired connection)

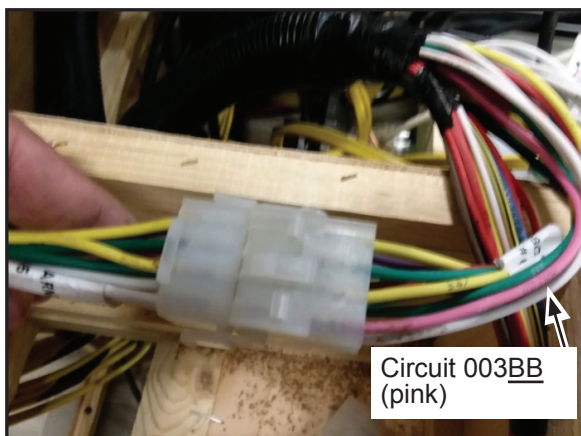


Figure 12

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14. Based on the scenario found, circuit 003BB (pink wire) will either need to be disconnected from circuit 529 (green wire) or cut at the pinned connector.
 - a) If you disconnect the pink wire from a splice at circuit 529 (green wire), be sure that any exposed copper wiring is appropriately wrapped and covered with electrical tape to prevent arcing.
 - b) If you cut circuit 003BB (pink wire) off of the pinned connector, it can be left uncapped as there is no power feeding this circuit.

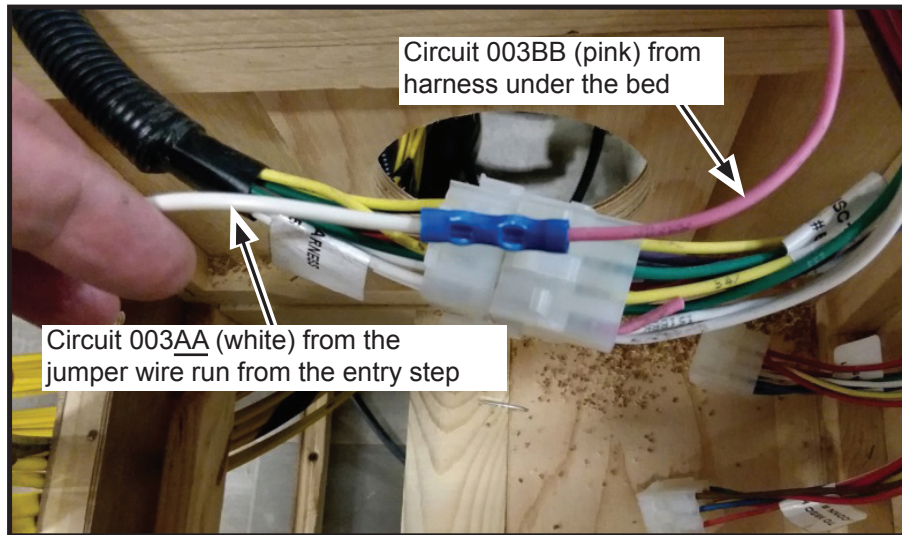


Figure 13

15. Strip 3/8" from the free end of circuit 003BB (pink) that was disconnected in Step 14. Also strip 3/8" from the free end of the white 16 gauge jumper wire (Circuit 003AA) that has been routed from the entry step. Crimp the wires together with the provided blue butt connector. Wrap the connection with 3 half-lapped layers of electrical tape after crimping. Refer to Figure 13.
16. Test the repair by operating the patio awning at the switch. The awning should be able to extend with the ignition ON and the parking brake set, but should **not** extend with the ignition ON and the park brake released.
17. Once proper awning operation has been verified, use silicone sealant to reseal any areas in the entry step and under the bed base where the factory sealant was disturbed during the wire routing process.
18. Reinstall the access panel under the bed and the entry step cover to complete the repair. Clean up the area.
19. File a claim using flat rate code 6088-12, Inspected/Defective/Repaired.

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PARTS

<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
10030832	16 gauge white wire	35 feet
10030916	1/4" split wire loom	34 feet
10005436	Yellow butt connector	1 each
10005435	Blue butt connector	1 each

Obtain locally:

Plastic wire ties	As Required
Electrical tape	As Required
Silicone sealant	As Required

TOOLS

Wide, flat blade screwdriver
Power drill
Driver bits
Wire cutters
Wire crimpers
Flashlight
Wheel chocks
Caulk gun

WARRANTY LABOR ALLOWANCE:

Upgrade 190827REV, Patio Awning Electrical Circuit Routing

Use flat rate codes:

6088 - 11	Inspected/Not Defective	0.2 hr.	Prior Authorization Required
6088 - 12	Inspected/Defective/Repaired	1.0 hr.	Prior Authorization Required

*If you have any questions concerning this bulletin, contact
REV Dealer Technical Support:*

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Holiday Rambler Dealer Technical Support: (877) 332-9239

Service Literature is available at: <http://www.revrdealers.com>

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Product Upgrade Bulletin 190827REV - Affected Unit Serial Numbers

2020 Fleetwood Flair Model 34 J

REV Unit Serial #	Chassis/VIN
755JL4433213	1F66F5DY2K0A10492
755JL4433231	1F66F5DY0K0A10491
755JL4433250	1F66F5DY2K0A10489
755JL4433286	1F66F5DY9K0A10487
755JL4433378	1F66F5DY4K0A11790
755JL4433386	1F66F5DY8K0A11792
755JL4433461	1F66F5DYXK0A12541
755JL4433492	1F66F5DY1K0A12539
755JL4433505	1F66F5DY3K0A12543
755JL4433602	1F66F5DY1K0A13268
755JL4433674	1F66F5DYXK0A13270

2020 Holiday Rambler Admiral Model 34 J

REV Unit Serial #	Chassis/VIN
655JL4433126	1F66F5DY7K0A06647
655JL4433214	1F66F5DY4K0A10493
655JL4433335	1F66F5DY6K0A11788
655JL4433402	1F66F5DY8K0A12540
655JL4433467	1F66F5DY1K0A12542
655JL4433512	1F66F5DY5K0A12544
655JL4433584	1F66F5DY8K0A13266
655JL4433594	1F66F5DYXK0A13267
655JL4433664	1F66F5DY3K0A13269
655JL4433763	1F66F5DY4K0A13913
655JL4433773	1F66F5DY6K0A13914
655JL4433800	1F66F5DY8K0A13915

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