

RECALL 22V558, 2022-415 REMEDY INSTRUCTIONS



Make(s): ROCKWOOD & FLAGSTAFF
Model(s): SEE BELOW
Model Year(s): SEE BELOW

Concern:
The axle may be installed backwards on certain single axle tent campers.

Repair Code: RC-006-03-00-004222
Allotted Time: 1.50 HRS.
Inspection Code: RC-006-05-00-004221
Allotted Time: .10 HRS.

Photo(s) Required: YES, BEFORE & AFTER
Prior Authorization Required: YES
Part(s) Kit Number: N/A
Part(s) Return: N/A

Disconnect the vehicles' battery Positive and Negative, disconnect any House battery(s) Positive and Negative, if equipped with a generator ensure it is off and lastly, ensure the vehicle is disconnected from shore power. Block any tires/wheels to prevent the vehicle from rolling. Failure to do so may result in electrocution, fire or other personal injury, property damage and/or death.

NOTE: INSPECTION AND REMEDY CODES CANNOT BE CLAIMED TOGETHER FOR THIS CAMPAIGN.

CERTAIN: 2022 – FLAGSTAFF FS176LTD & FS206LTD
CERTAIN: 2022 – 2023 – ROCKWOOD FM1640LTD & FM1940LTD

INSPECTION:

STEP 1: LOCATE THE AXLE SPRING ON THE FRONT SIDE OF THE AXLE (PORTION OF AXLE TOWARDS THE FRONT/HITCH) (FIGURE 1);

STEP 2: IF THERE IS A STEEL BAND (FIGURE 2) ON THE FORWARD SIDE OF THE SPRING PACK, THE AXLE IS INSTALLED CORRECTLY;

STEP 3: IF THE STEEL BAND (FIGURE 2) IS ON THE REARWARD SIDE OF SPRING PACK, THE AXLE IS INSTALLED INCORRECTLY AND REQUIRES REMEDY. MOVE ON TO "REMEDY";

STEP 4: CLAIM REPAIR CODE FOR INSPECTION, ONLY.

REMEDY:

STEP 1: USE A FLOOR JACK TO RAISE THE WHEELS OFF THE GROUND BY JACKING FROM THE MAIN BEAM;

STEP 2: PLACE JACK STANDS IN FRONT AND BEHIND THE TIRES

- 2 – JACK STANDS FOR OFF DOOR SIDE (PLACE UNDER MAIN BEAM)
- 2 – JACK STANDS FOR DOOR SIDE (PLACE UNDER MAIN BEAM)

STEP 3: LOCATE AND CUT THE BRAKE WIRES (2). ENSURE YOU LEAVE ENOUGH WIRING TO HOOK BACK UP;

STEP 4: LOCATE THE BOLTS;

- LOCATE FOUR SHACKLE BOLTS ATTACHING THE SPRING PACK TO THE CHASSIS;
- LOCATE THE TWO SHACKLE BOLTS ATTACHING THE STEEL SHACKLES TO THE AXLE;
- **USE A WRENCH TO HOLD THE SHACKLE BOLT HEAD IN PLACE - USE A WRENCH TO REMOVE THE SHACKLE NUT(S);**
- **THE SHACKLE BOLTS HAVE SERRATED SHANKS AND APPLYING TORQUE TO THE BOLT HEAD MAY CAUSE THE SHANK SERRATION FAILURE. IF THIS HAPPENS, YOUR DEALERSHIP MAY BE RESPONSIBLE FOR THE COST OF REPLACING THE SHACKLE BOLT(S).**

STEP 5: ENSURE TO LEAVE ENOUGH SPACE BETWEEN THE JACK STANDS AND AXLE THAT YOU CAN GET THE AXLE OUT WITHOUT INTERFERENCE;

- ROTATE THE AXLE 180°, ENSURING STEEL BAND IS ON THE FRONT SIDE OF THE VEHICLE NOW;
- MANOUVER AXLE UNDER VEHICLE AND LIFT TO INSERT THE FRONT SPRING PACK EYELET INTO THE FRONT AXLE HANGERS ON THE DOOR SIDE AND OFF DOOR SIDE;
- SEAT SHACKLE BOLTS WITH A HAMMER UNTIL BOLT HEAD IS FLUSH TO HANGER(S);
- ATTACH SHACKLE PLATES TO REAR OF THE AXLE EYELET ON THE DOOR SIDE AND OFF DOOR SIDE;
- ROTATE AXLE UP AND SEAT SHACKLE PLATE(S) TO REAR AXLE HANGERS ON DOOR SIDE AND OFF DOOR SIDE. SEATING SHACKLE BOLTS WITH A HAMMER;

STEP 6: USE A BOX WRENCH AND PLACE ON THE BOLT HEAD AS A BACKER WRENCH AND HOLD FIRMLY WHILE YOU TIGHTEN THE NUT AGAINST THE AXLE HANGERS AND SHACKLE PLATES;

- TIGHTEN UNTIL A MINIMUM OF THREE (3) SHACKLE BOLT THREADS SHOW PAST THE NUT AND THE NUT IS SEATED.
- **FAILURE TO USE A WRENCH MAY STRIP THE SHACKLE BOLT. IF THIS HAPPENS, YOUR DEALERSHIP MAY BE RESPONSIBLE FOR THE COST OF REPLACING THE SHACKLE BOLT(S).**

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STEP 7: RECONNECT BRAKE WIRES.

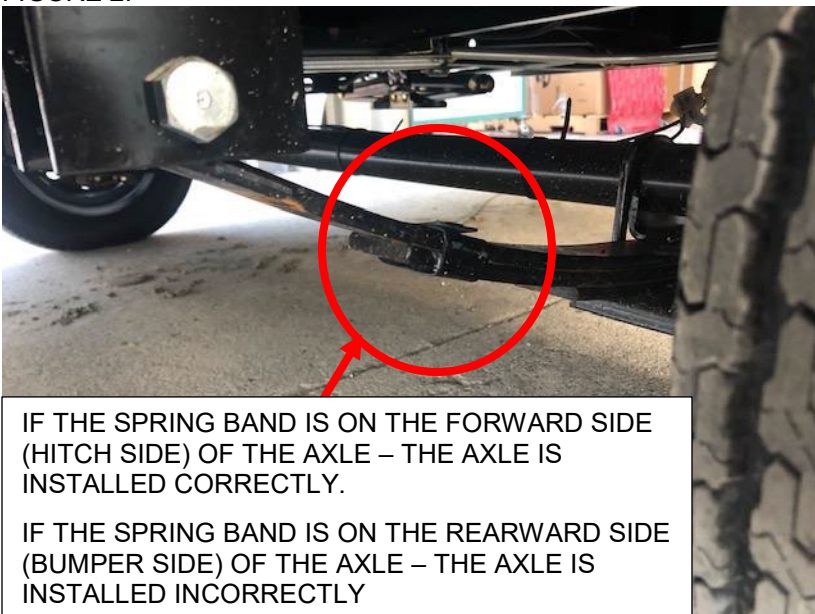
- ON THE OFF DOOR SIDE OF THE TRAILER. ROUT NEW WIRING TO THE BRAKES FROM THE DOOR SIDE IF THAT WAS WHERE THE BRAKE WIRES TERMINATED FROM THE JUNCTION BOX.
- IF THE BRAKE WIRES WERE ROUTED ON THE OFF DOOR SIDE, DO NOT ROUT NEW WIRING, SIMPLY REMOVED EXCESS WIRING FROM THE OUTSIDE OF THE AXLE TUBE AND DISCARD.
- TEST BRAKE WIRES TO ENSURE BRAKES WORK.

STEP 8: CLAIM REPAIR CODE.

FIGURE 1:



FIGURE 2:



IF THE SPRING BAND IS ON THE FORWARD SIDE (HITCH SIDE) OF THE AXLE – THE AXLE IS INSTALLED CORRECTLY.

IF THE SPRING BAND IS ON THE REARWARD SIDE (BUMPER SIDE) OF THE AXLE – THE AXLE IS INSTALLED INCORRECTLY