


## RECALL 24V095 / 2024-078 REMEDY INSTRUCTIONS

	Make(s): CONCORD Model(s): CNC321DSF Model Year(s): 2023 - 2024	Repair Code: RC-005-01-00-004488 Allotted Time: 3.00 HRS. Inspection Code: N/A Allotted Time: N/A
	Concern: The lower control arm brackets that are part of the air ride suspension kit, may fracture the welds and fail.	Photo(s) Required: NO Prior Authorization Required: YES Part(s) Kit Number: F007-01424 Part(s) Return: NO, FIELD DESTROY

Turn off LP Gas at LPG Tank(s). Place vehicle in (P) Park and engage the Parking Brake. 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.

**PRIOR TO ANY WORK – CONTACT:**

CONTACT	PHONE
<b>CUSTOMER SERVICE</b>	(574) 825-8602

PLEASE REFERENCE THE ATTACHED REMEDY INSTRUCTIONS.

# 2023 - 2024 Coachmen Concord/Autoflex Suspension

## **Objective**

The factory installed lower axle bracket #F007-014 may have insufficient welds and/or support creating a scenario where the rear axle can become partially disconnected from the vehicle. These brackets are to be replaced with corrected brackets #F007-01424.

## **Parts Needed**

- 2 Lower axle brackets, Part number #F007-01424

## **Tools Needed**

- Heavy Duty Floor Jack (To Lift at Frame)
- Standard Floor Jack (To Lift Rear Axle)\*
- Heavy duty Jack Stands (6 Ton Minimum)
- 1/2" Drive Torque Wrench
- 1/2" Drive Impact Wrench
- 1/2" Drive sockets in the following sizes
  - 1-5/16" Socket
  - 19mm Socket\*
  - 22mm Socket\*
  - 15/16" Socket
- 3/8" Drive Impact Wrench
- 3/8" Drive 9/16" Socket
- 1-5/16 Wrench
- 15/16" Wrench
- Pry bar
- Hammer

\*Recommended For accessibility but not required

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## Procedure



Figure 1

### **Step 1 - Preparing Vehicle**

- Place vehicle in park on flat ground and remove key from ignition.
- Block front wheels to prevent vehicle from rolling.
- Jack up the rear of the RV by lifting in front of the rear axle along frame rail and support both sides with jack stands (See Figure 1). At this time the rear wheels may not be off the ground. This is normal.
- Place jack stands under frame.(See Figure 1)
- **Optional** - If removing wheels, use a floor jack to lift the rear axle under the center of the differential until all rear wheels are off the ground. Remove wheels. (It is not necessary to remove the wheels but it may help with accessibility.)

Note: It is not necessary to deflate air bags. Air bags will deflate automatically when lifting under frame and allowing the rear axle to hang.

### **Step 2 - Disassembly**

- Remove both 1-5/16 nuts from lower torque arms. Both bolts will remain in place for now.(Figure 2)
- Remove the (2) 9/16 nuts holding the lower air bag plate to the axle bracket.(Figure 3) The second nut is on the back side of the axle and can not be seen in Figure 3.

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- Using a pry bar, compress the air bags upward to gain access to the top axle bracket.(Figure 4)
- Use locking pliers or hose clamp pliers to close off the exhaust tube at the leveling valve.(Figure 5) This creates a vacuum in the air bag and will keep it compressed for easy access.
- Use a 15/16 wrench on top (Figure 6) and 15/16 socket on bottom (Figure 7) to remove the 4 bolts holding the lower axle bracket in place.
- Remove lower bracket and discard.

### Step 3 - Assembly

- Install a new lower bracket onto the lower torque arm first and position the bracket under the axle. Start the 15/16 nuts onto the bolts by hand.
- Tighten the front two bolts first to 145 lb-ft and ensure the gap between the upper and lower bracket on the front side of the axle is closed.
- Once tight, move to the rear set and tighten to 145 lb-ft.
- Tighten the 1-5/16 lower torque arm bolts to 400 lb-ft. (Figure 2)
- Recheck torque on all 8 Nuts and bolts on driver and passenger side.
- Remove locking pliers from leveling valve exhaust tube.(Figure 5)
- Re-install the lower bag mount to the top axle tube bracket using the existing 9/16-inch hardware. Tighten to 45 lb-ft. (Figure 3)
- If wheels were removed, re-install, referring to lug tightening pattern and torque specs. (Figure 8)
- Remove jack stands, lower jacks, and allow air bags to air up. Test drive to ensure successful repair.

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Figure 2 - Driver Side Shown



Figure 3 - Driver Side Shown



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Figure 4 - Driver Side Shown



Figure 5 - Driver Side Shown



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Figure 6 - Driver Side Shown



Figure 7 - Driver Side Shown

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HiSpec wheels - 140 ft/lbs; identified as using the original black Ford lug nuts.  
Ion wheels - 120 ft/lbs; identified as using conical chrome plated lugs



Figure 8 - Lug Tightening sequence