

Steve Puvalowski

Mobile RV Tech Services

4/24/2023 | 30 Photos



# Service Report

# Job Information

Customer

Location:

Unit:

VIN:

This report is for completing the following list of repairs:

- Correct reverse polarity wiring on outdoor plug
- Replace battery
- Replace emergency brake away switch
- Add fire extinguisher
- Add smoke alarm
- Repair roof sealant
- Service wheel bearings
- Inflate tires to manufacture recommended pressure
- Add generator coolant

## Maintenance: Axles, Brakes & Tires

- All 4 wheel assemblies were serviced.
- The tires were removed and inflated to 100 PSI.
- Wheel bearings were inspected, lubricated with new grease and torqued.
- 2 seals needed to be changed due to damage to the wheel seal.
- The emergency brake away switch was replaced.



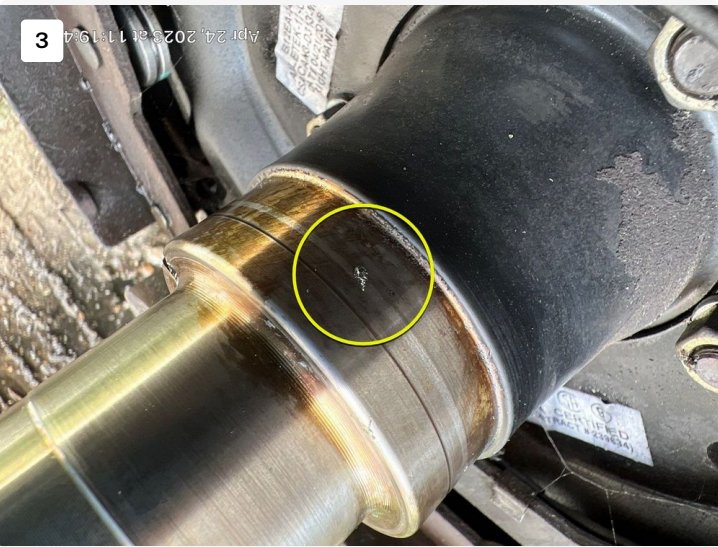
Axle spindle and brake assemblies were cleaned and inspected.

Date: 4/24/2023, 11:03am  
Creator: Steve Puvalowski



Hubs and brakes were cleaned and inspected.

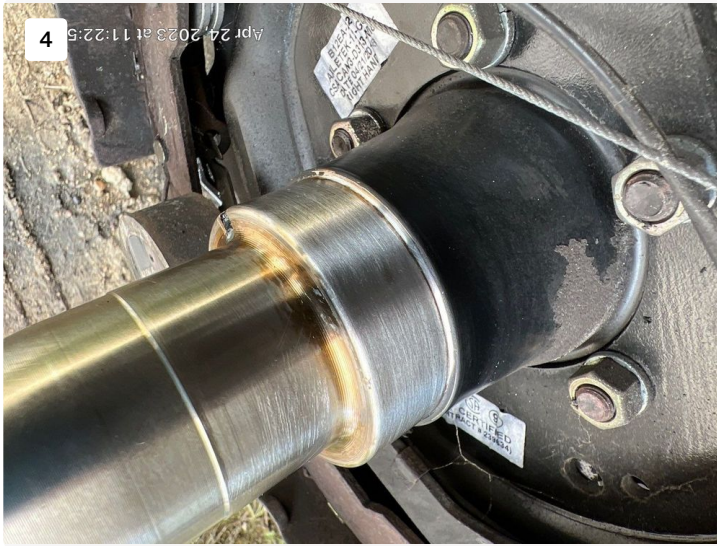
Date: 4/24/2023, 11:04am  
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The curbside rear spindle had a burr where the seal spins and it tore the seal.

Date: 4/24/2023, 11:19am  
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The spindle was sanded with fine emory cloth to remove the burr. A new seal was installed on this assembly.

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The streetside front wheel seal was installed too far on one side causing the seal to wobble when the hub rotates. The seal was removed and a new seal was installed.

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New double lip wheel seal installed.

Date: 4/24/2023, 1:45pm

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Bearings were torqued to 50 ft lbs.

Date: 4/24/2023, 1:06pm  
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All 4 tires are inflated to 100 PSI.

Date: 4/24/2023, 2:07pm  
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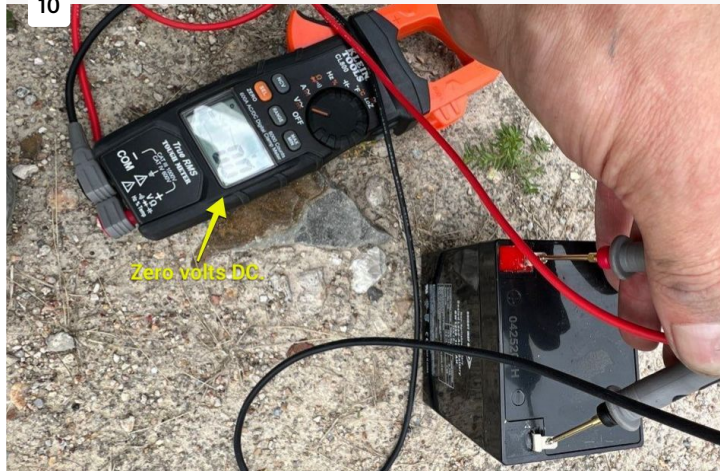


All lug nuts were torqued to 105 ft lbs

Date: 4/24/2023, 2:07pm  
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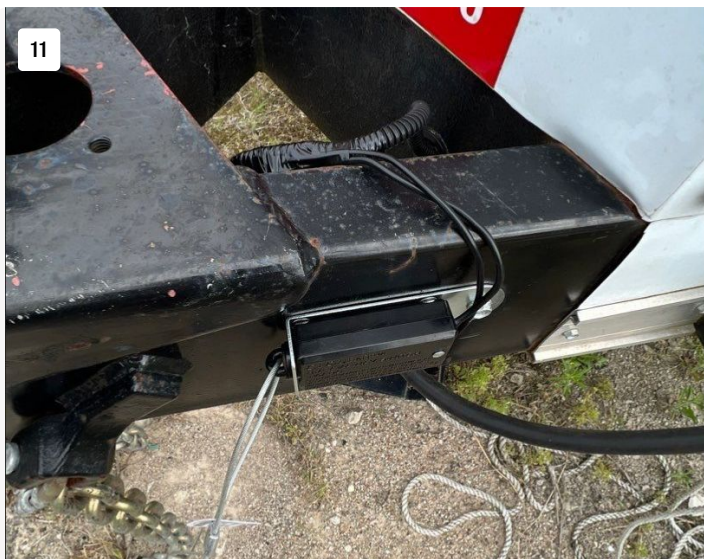


The battery for the emergency brake away switch is dead and needs to be replaced before the trailer is towed at highway speeds.

Date: 4/24/2023, 2:22pm

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The emergency brake away switch was replaced.

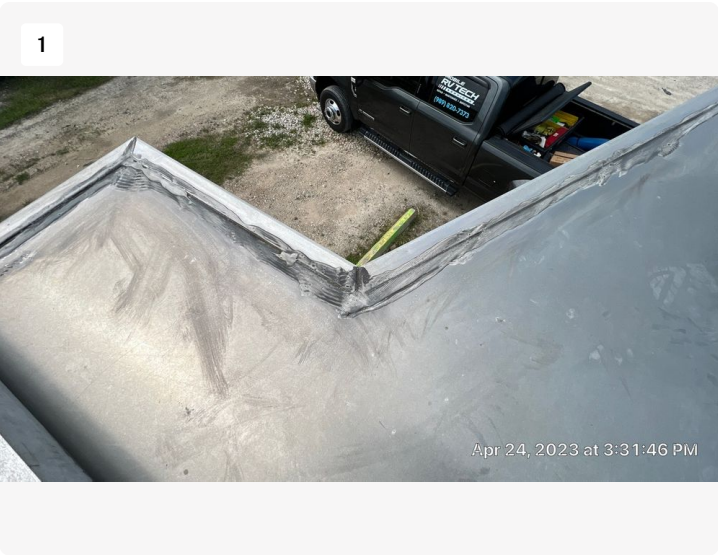
Date: 4/24/2023, 4:24pm

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## Repair: Roof Sealant

- The sealant covering the seals on the roof was cleaned and prepped for new sealant to be applied.
- New self leveling lap sealant was applied over the seals to prevent water intrusion.





Perimeter sealant is cleaned and prepped for new sealant to be applied.



Roof vent sealant is cleaned and prepped for new sealant to be applied.



New sealant is applied around the roof vents.



New sealant is applied around the perimeter joints and roof penetrations.

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New sealant is applied around the accessible perimeter joints.

Date: 4/24/2023, 4:07pm  
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## Repair: Electrical & Generator

- The battery near the generator was removed and replaced.
- Battery disconnect switch was cleaned.
- Generator coolant was added.
- Outdoor GFCI plug wiring was corrected.



New group 31 battery, 950 CCA rating.

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New battery installed with anti corrosion spray applied to the terminals.

Date: 4/24/2023, 10:07am  
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The battery has a battery box with a cover and a strap to secure the battery.

Date: 4/24/2023, 10:08am  
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The battery disconnect switch had a mud daubber nest in it.

Date: 4/24/2023, 10:18am  
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The battery disconnect switch was cleaned and re-installed.

Date: 4/24/2023, 10:20am  
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Generator coolant was brought up to the cold fill level.

Date: 4/24/2023, 10:30am  
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The hot and neutral wires were wired onto the wrong terminals of the front outdoor GFCI outlet.

Date: 4/24/2023, 2:33pm  
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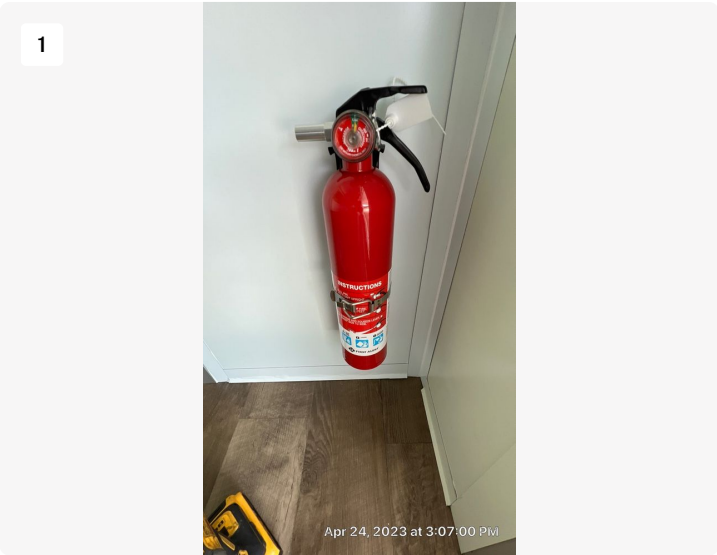


The wiring is now correct on the front outdoor GFCI outlet.

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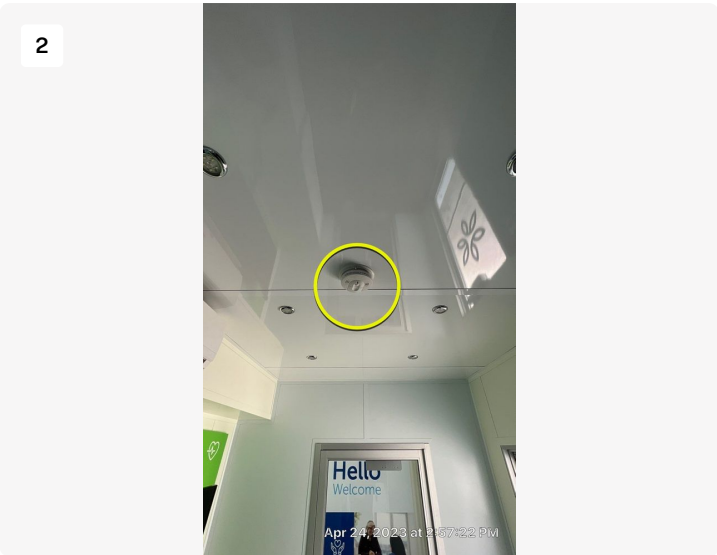
# Installation of Safety Devices

- Fire extinguisher was installed.
- 2 smoke/CO alarms were installed.
- The 3rd smoke/CO alarm is left to be installed once the door is unlocked to the front room.



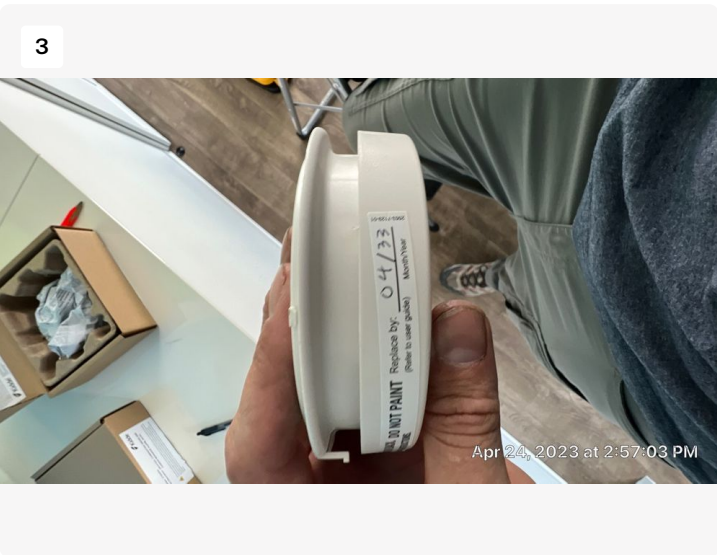
The 1A-10B:C fire extinguisher was installed in the center room near the entry door.

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Smoke and CO alarms were installed in the center and rear room.

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Smoke and CO alarms were installed in the center and rear room. The expiration of the new alarms is April 2033

Date: 4/24/2023, 2:57pm  
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The door is locked for the front room and the smoke alarm is left to be installed once the door is unlocked.

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## Job Summary Information

- During the installation and testing of the emergency brake away switch, the battery that engages the emergency brakes was found and is dead. [REDACTED] has the battery information and is going to install the new battery when he returns to repair the door locks. This battery needs to be in place and functioning before the trailer is towed on the highway.
- I recommend installing a [solar battery maintainer](#) if the trailer will be sitting for extended periods. This would be for both the emergency brake battery and the chassis battery that is located near the generator. Lead acid batteries self drain and over time they will be dead from not being used. Also the GPS transponder is connected directly to the rear battery and will slowly drain the battery over time.

### Dicor Lap Sealant Cure Times: (approximate times for 50-70° F weather)

- 5 Minutes – Skins over
- 4 Hours – Waterproof
- 48 Hours – Cure 80%
- 30 Days – 100% Cure

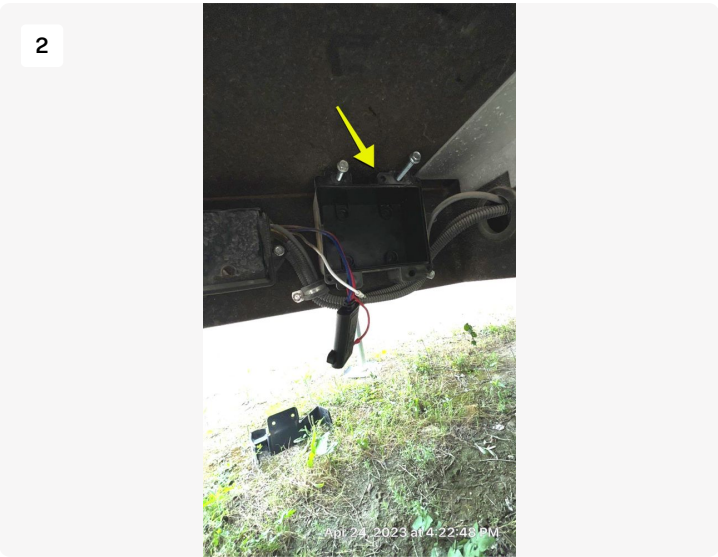
Thank you for entrusting Mobile RV Tech services with your trailer. Tell others about your experience working with us by leaving a review at: <https://pro.housecallpro.com/review/Pi3HYG1Djp>



Battery Reference information for to replace the bad battery for the emergency brakes.

Battery:  
BW 1250, 12 Volt, 5 Amp Hour

Date: 4/24/2023, 2:24pm  
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is going to replace the emergency brake battery that is located under the frame near the front of the trailer.

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