

# TECHNICAL SERVICE BULLETIN



DEPARTMENT OF COMPLIANCE  
VEHICLE SAFETY AND RECALL MANAGEMENT  
BUILDING 11  
423 N MAIN ST  
MIDDLEBURY, INDIANA 46540-9218

Technical Service Bulletin: 400-1459

- o Integrity
- o Safety
- o Quality
- o Customer Service

<<OWNER NAME/DEALERNAME>>  
<<ADDRESS>>  
<<CITY>>, <<ST>> <<ZIP-XXX>>

January 2022

This Notice applies to your vehicle VIN listed above.

Dear Forest River Customer:

Forest River is alerting you to an issue involving certain 2022 Palomino travel trailer recreational vehicles. Please see the information below which describes the issue and provides you with details on the steps you should take to have your vehicle repaired.

## **WHAT IS THE ISSUE?**

The charge controller for the solar panel charger may be wired incorrectly.

## **OWNERS: WHAT SHOULD YOU DO?**

Please contact your dealer without delay and request a service appointment to schedule the free repair. The vehicle Owner is responsible for making arrangements to have the work completed. Please state you have been notified by Forest River of the issue and provide the TSB number (located at the top of this page) to the dealership. It is also helpful to give the dealership a copy of this letter when you take your vehicle in for the repair. You may visit [www.forestriverinc.com](http://www.forestriverinc.com) to search for dealer locations.

## **HOW LONG WILL THE REMEDY PROCESS TAKE?**

The estimated time of repair is .30 hours. However, the dealership may need to keep your vehicle or schedule an appointment with you for a later date to fit into their regular service schedule.

## **DEALERS: WHAT SHOULD YOU DO?**

Dealer Service Procedures are located on Dealer Connect.

## **MAY FOREST RIVER ASSIST YOU FURTHER?**

| CONTACT          | PHONE          |
|------------------|----------------|
| CUSTOMER SERVICE | (269) 432-3271 |

## **Repair Codes:**

Pictures are required for the remedy and/or inspection after installation.

Pictures of the remedy are a condition of payment in which must be provided with a claim against the repair code(s).

| TSB NUMBER | REPAIR CODE         | DESCRIPTION           | TIME    |
|------------|---------------------|-----------------------|---------|
| 400-1459   | RC-003-05-00-004150 | INSPECTION ONLY       | .10 HRS |
| 400-1459   | RC-003-22-00-004150 | INSPECTION AND REPAIR | .30 HRS |

## **WHAT IF YOU HAVE PREVIOUSLY PAID FOR REPAIRS TO YOUR VEHICLE FOR THIS PARTICULAR CONDITION?**

If you have already paid for a repair that is within the scope of this service bulletin, you may be eligible for a refund of previously paid repairs. Refunds will only be provided within the scope of this Technical Service Bulletin.

Please send the service invoice to the following address:

Palomino  
Forest River, Inc.  
Attn: WARRANTY MANAGER  
1047 E M-86  
Colon, MI 49040-0802

Sincerely,

Forest River, Inc.  
Office of Corporate Compliance

# TECHNICAL SERVICE BULLETIN 400-1459 REMEDY INSTRUCTIONS

|                                                                                   |                                                                                     |                                                                                                                                |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | Make(s): PALOMINO TRAILERS<br>Model(s): MANY, SEE MODEL LIST<br>Model Year(s): 2022 | Repair Code: RC-003-22-00-004150<br>Allotted Time: .30 HRS.<br>Inspection Code: RC-003-05-00-004150<br>Allotted Time: .10 HRS. |
|                                                                                   | Concern:<br>The solar charge controller may be wired incorrectly.                   | Photo(s) Required: YES, BEFORE/AFTER<br>Prior Authorization Required: YES<br>Part(s) Number: N/A<br>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.**

Models: PAT186, PAT186RBS, PAT186RBS-W, PAT189, PAT189BHS, PAT189BHS-W, PAT205SS, PAT205SS-W, PAT208SS, PAT208SS-W, PAT258RBS, PAT258RBS-W, PAT304RKDS & PAT320TSBH

## INSPECTION:

STEP 1: LOCATE THE SOLAR CHARGE CONTROLLER LOCATED IN THE FRONT CURBSIDE PASS-THROUGH STORAGE AREA;

STEP 2: VISUALLY INSPECT THE WIRING INTO THE SOLAR CHARGE CONTROLLER;

- SEE FIGURE 1 FOR THE LAYOUT OF THE SOLAR CHARGE CONTROLLER, FOR REFERENCE;
- IF THE WIRING IN THE UNIT IS THE SAME AS FIGURE 2, MOVE ON TO THE REMEDY STEPS;
- IF THE SOLAR CHARGER IS THE SAME AS FIGURE 3, THE SOLAR CHARGER IS WIRED CORRECTLY AND DOES NOT NEED THE REMEDY, CLAIM ONLY THE INSPECTION;

## REMEDY:

STEP 1: REMOVE THE BLUE/WHITE STRIPPED WIRE FROM THE "LOAD POSITIVE" PORT;

STEP 2: REMOVE THE WHITE WIRE FROM THE "LOAD NEGATIVE" PORT;

STEP 3: INSERT THE BLUE/WHITE STRIPPED WIRE INTO THE "SOLAR PANEL POSITIVE" PORT;

- THERE WILL ALREADY BE ANOTHER BLUE/WHITE STRIPPED WIRE HERE, TAKE CARE TO ENSURE BOTH WIRES ARE SECURE;

STEP 4: INSERT THE WHITE WIRE INTO THE "SOLAR PANEL NEGATIVE" PORT;

- THERE WILL ALREADY BE ANOTHER WHITE WIRE HERE, TAKE CARE TO ENSURE BOTH WIRES ARE SECURE;

**NOTE: THE "LOAD POSITIVE AND NEGATIVE" ARE NOT TO BE USED.**

FIGURE 1

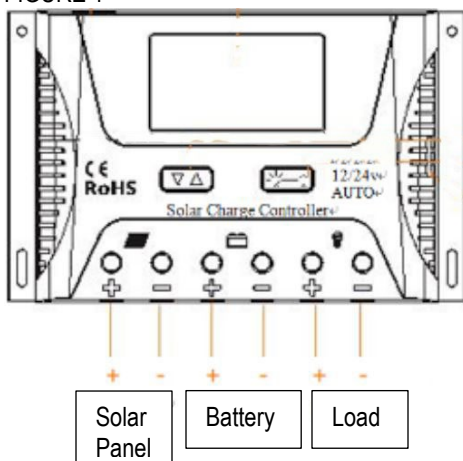


FIGURE 2 (INCORRECTLY WIRED)



FIGURE 3 (CORRECTLY WIRED)

