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**SUBJECT:** Internal Regulator Causing Overvoltage

APPLIES TO: Roadtrek: Zion, Zion SRT and Play models

**CONDITION:** Faulty internal regulator that may potentially enter a stage of overvoltage

exceeding 16 volts that could damage the RV mounted auxiliary AGM black

capped batteries.

**CORRECTION:** Remove the GU splash guard from the undermounted additional alternator.

Inspect the additional GU alternator to determine the colour of the Internal

regulator cover.



If the cover is found to be **brown**, the regulator is the good one. No further action is required. Replace the splash guard and fill-out the enclosed form accordingly and return it to: <a href="mailto:dealersupport@roadtrekinc.com">dealersupport@roadtrekinc.com</a>

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If the additional undermounted GU is found to have an internal regulator cover that is **black**, send a picture of the defective alternator including the serial number to <u>dealersupport@roadtrekinc.com</u>. Roadtrek will send you a replacement alternator. Once that replacement is received, replace the defective undermounted GU alternator according to the instructions below. Once the replacement is completed, fill out the enclosed corrective action form and send it to us along with the recalled GU alternator.

# **Replacement Instructions**

PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY WORK. IF THERE ARE ANY CONCERNS WITH THE PROCEDURES CONTAINED IN THIS DOCUMENT, CONTACT ROADTREK INC AT <a href="mailto:dealersupport@roadtrekinc.com">dealersupport@roadtrekinc.com</a> OR 1-888-762-3873.

#### PART/SERVICE INFORMATION:

Labor Time: 15 mins - 1.5 hours

Qty.	Part Number	Description
1	04020770-03	Alt 280 Amp 12V
1	As-0070-3	Tensioner Tool (included with unit)

Note: Safety glasses and safety shoes required.

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#### **STEP-BY-STEP INSTRUCTIONS:**

#### STEP 1:

Disconnect the (-) negative battery terminal.

### STEP 2:

Remove and retain splash guard and hardware.

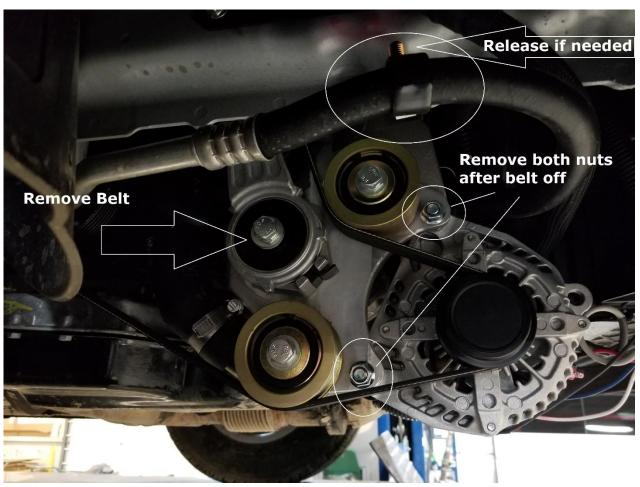
### **STEP 3:**

Release OEM drive belt let hang, with provided tensioner tool.



### STEP 5:

Loosen and set aside the nuts and bolts. Remove tab to if OEM A/C hose if needed to release AGM generator.



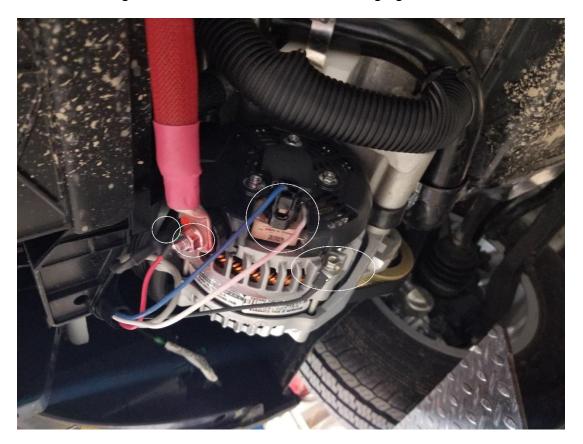
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#### STEP 6:

Remove spacers and nuts between the rear hanger and rear of alternator bosses.

#### **STEP 7:**

Remove wiring harness from alternator leave hanging



#### STEP 8:

Drop AGM generator, replace with new AGM generator provided. Torque Large (+) nut to xx ft/lbs.

### STEP 9:

Re-install, OEM tab on AC system if removed Install and align drive belt.
Run system, and test output of AGM Generator expecting 13.5 (+/-) Install splash guard.
Return to customer