

Subject:	Momentum Travel Trailers may have the fuel gauges wired incorrectly. If wired incorrectly, the interior fuel gauge will not function (no fuel level reading when there is fuel in the tank).			Number:	19-001
				Date:	January 16, 2019
				Model(s):	Momentum Travel Trailers
				Serial Numbers:	K5502637 -K5503059
				Build Dates:	7/30/18-1/15/19

Circulate To:	x	Service Manager	x	Parts Manager	x	Technician	
	x	Warranty Processor		Sales Manager			

Concern:	No fuel level reading on the interior fuel gauge when there is fuel in the tank.
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Remedy :	Remedy is to rewire both the interior and exterior fuel gauges so the interior gauge indicates the fuel level in the fuel tank.
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Parts:	<ul style="list-style-type: none"> * 14 ga. Wire - Approx. 18 inches in length. * Spade Connector (1)
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Repair Description:	Follow the attached repair instructions for correct wiring of the interior and exterior fuel gauges.
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Claim Filing:	<p>Please complete a warranty claim pre-authorization request using the following codes & labor times:</p> <ul style="list-style-type: none"> * Operation Code: 250012-Gauge-Fuel Gauge Wire Repair - .5 Hrs. * Fault Code: "Mis-Wired" (46)
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Submit all pre-authorizations/claims through our Dealer Portal. If you have any questions or need assistance please contact our Technical Service Team at 888-825-2820.

TSB 19-001 Field Fix

Grand Design Momentum

G-Class Travel Trailer

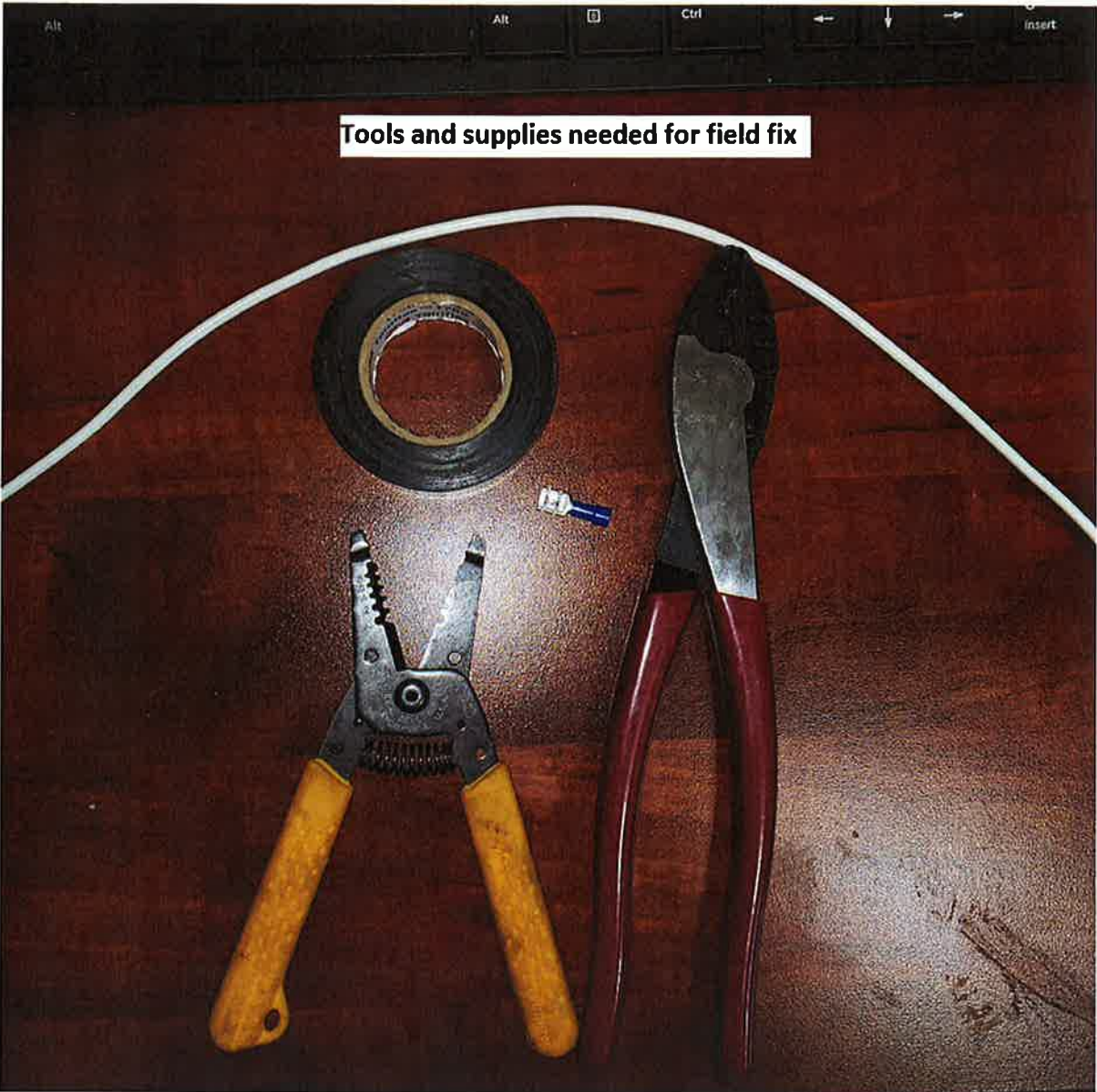
Fuel Gauge

Complaint. Fuel gauge not wired correctly

Solution. To get correct reading for fuel gauge adding a power wire from monitor panel to gauge is necessary. Also, must relocate blue and brown wires from their present location to the correct locations on gauge.

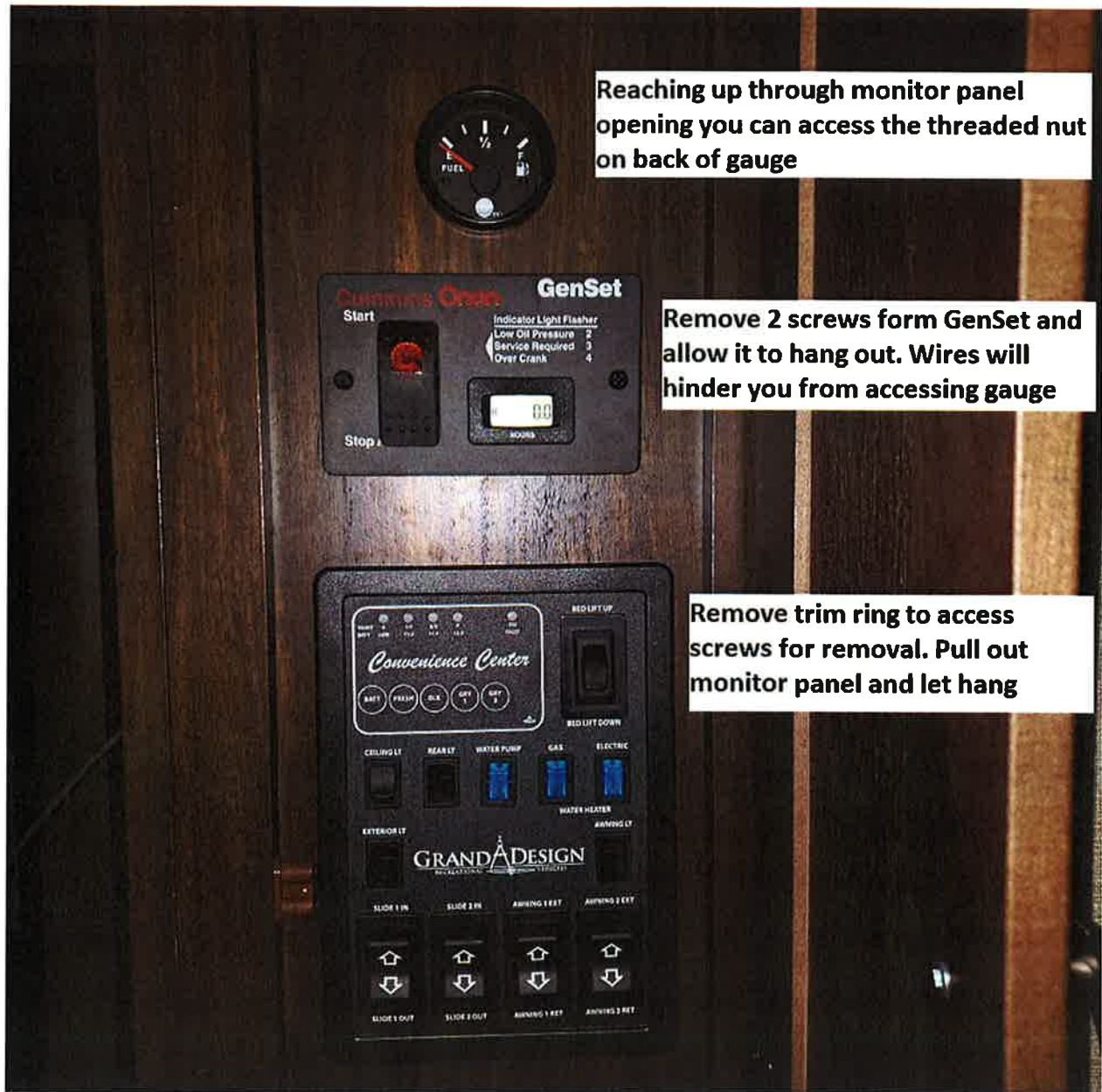
Tools and supplies

- **Wire strippers**
- **Sta-Kon**
- **Blue spade terminal**
- **Electrical tape**
- **18" of colored 14-gauge wire**

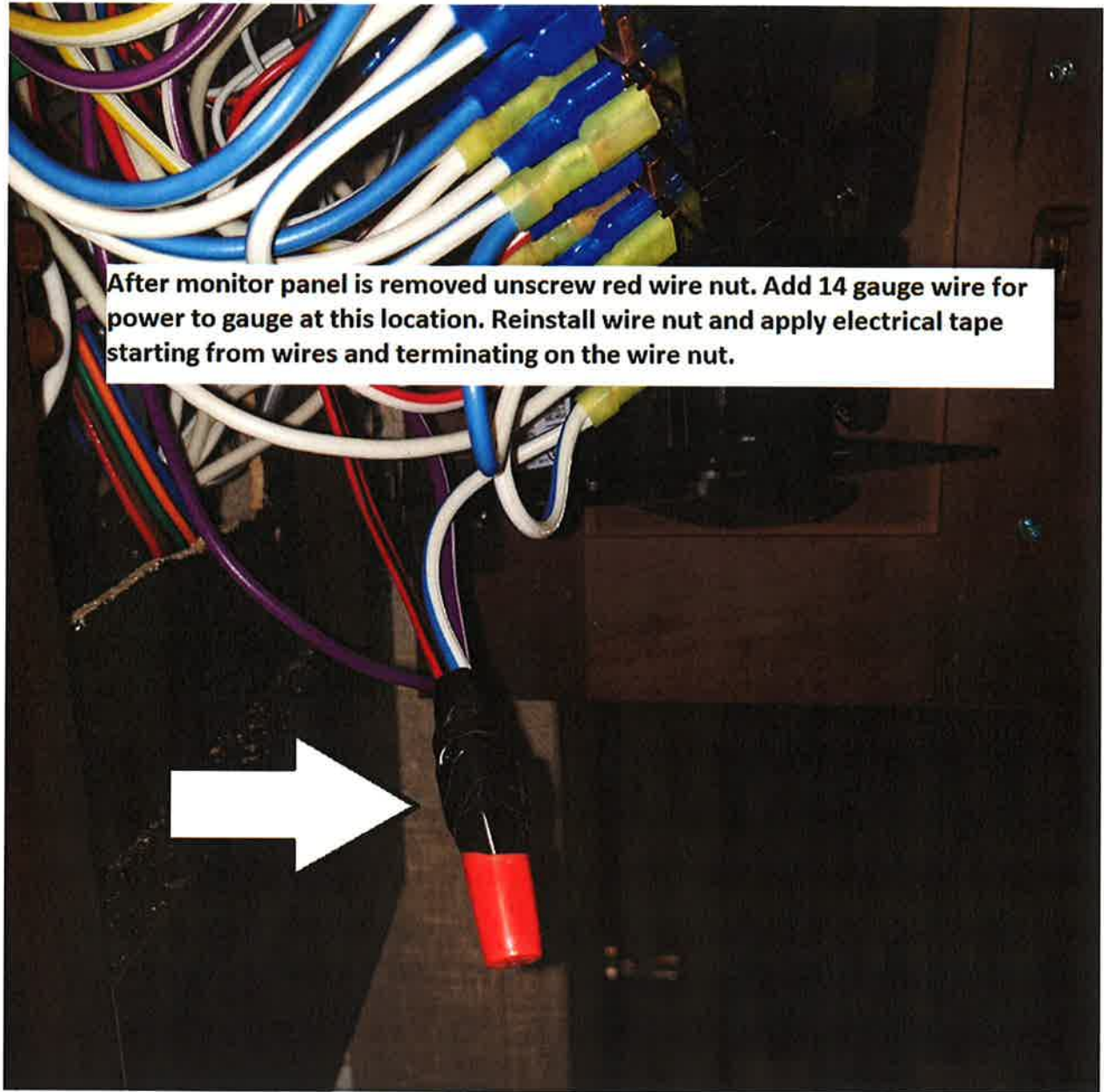


Tools and supplies needed for field fix

Pic 1. Remove monitor panel, GenSet and fuel gauge



Pic 2. Remove wire nut and add wire at this location running up to fuel gauge location. Add blue spade terminal for fuel gauge hookup



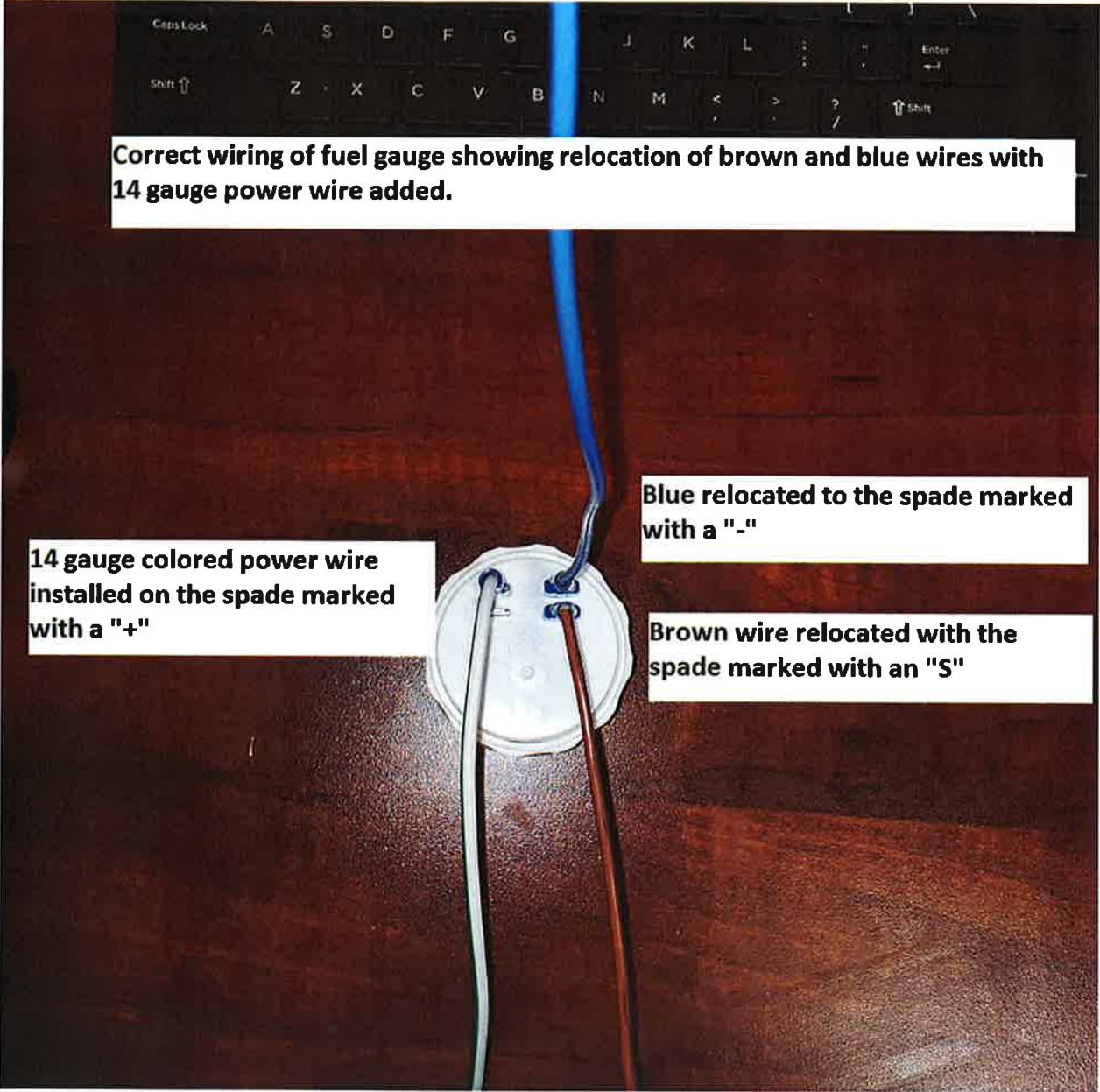
Pic 3. Showing the ring that removes from back of gauge to allow it to come out.



Pic 4. Incorrect wiring of fuel gauge



Pic 5. Correct wiring of fuel gauge



Correct wiring of fuel gauge showing relocation of brown and blue wires with 14 gauge power wire added.

14 gauge colored power wire installed on the spade marked with a "+"

Blue relocated to the spade marked with a "-"

Brown wire relocated with the spade marked with an "S"