



Is Your Dealership Ready for GMI-Equipped RVs?

Starting with Model Year 2028 (available in 2027), new RVs will have Grounding Monitor Interrupters (GMIs). Regardless of where an RV is plugged in (dealership, campground, etc.), if the electrical power source has unaddressed grounding issues, a GMI-equipped RV will not accept power and everything in that RV that requires such power will either (1) not turn on if the electrical issue is detected prior to operation or (2) shut off if the electrical issue is detected while in operation.

For the latest information on the GMI requirements and preparation you can make, visit RVIA.org/gmi.

What is a GMI and Why Does It Matter?

Safety Mandate

Required by the NEC Article 551 *RVs and RV Parks*, a GMI tests the electrical power source's ground connection before allowing electricity to pass into the RV, continuously monitoring it during operation.

Prevents "Hot Skin"

GMIs protect against severe electrical shock caused by improper grounding, damaged power cords, or incorrect wiring.

The Reality for Dealerships

GMIs do not cause electrical issues—they expose existing ones.

An electrical power source that powers an RV today may leave a GMI-equipped RV in the dark tomorrow.

In-House Staff Checkpoints

Routine non-invasive checks your maintenance team may be able to perform before calling a professional:

Check Point	Tool Used	What You Are Looking For	Action Needed
Physical Check	Visual Inspection	Damage; burning; corrosion; looseness	Call electrician if damaged
Ground & Polarity	30A/50A Circuit Analyzer	Open grounds or swapped Hot/Neutral wires	Severe risk; call electrician
Hot-to-Ground	Multimeter/Tester	Voltage should read ~120V	If < 114V, wire is broken/missing; call electrician

Take Action:

Partner with a Commercial Licensed & Insured Electrician Experienced in NEC Article 551

Grounding issues are often systemic across a property. Rectifying infrastructure takes time—don't wait!

- 1. Perform a Property-Wide Audit:** Evaluate from the main service down to every electrical power source.
- 2. Verify Grounding & Isolation:** Test electrical power source ground continuity, neutral loop resistance, and neutral-to-ground isolation.
- 3. Re-Torque Hardware:** Check connections for heat stress, arcing, and proper specifications.

Where will the GMI be located in the unit? Although different brands and floor plans may have the GMI in varying locations, there are certain parameters that all RVs must adhere to. Per the NEC Article 551, the GMI is to be permanently installed between the feeder assembly connection to the RV and before either the panelboard (if a transfer switch is not provided) or the transfer switch ahead of the panelboard.

What does my consumer need to know? Each dealer should communicate to their consumer that their Model Year 2028 unit is equipped with a GMI device. You will need to explain what it does, how it protects the consumer, and what to do if it turns the power off to the unit.