72185 COUNTY ROAD 3 NAPPANEE, IN 46550

# NEWMAR CORPORATION WARRANTY DEPARTMENT

800.858.4924 Fax 219.773.2007

TECHNICAL SERVICE BULLETIN						
DATE ISSUED	MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB#	
3/9/94 1993-1994			All		90	
BRAND			Түре			
All Americ	can Star 🛭 Kountry Star 🗷	Du	tch Star 🛚	All 🗖 T	T□ FW□	
NewAire □ Mountain Aire ■ Kountry Aire ■			ndon Aire□	C A ■ D	PD DBD	
☐ Air Conditioning & Heating			☐ Electrical Components			
☐ Appliances & Accessories			☐ Exterior Components			
☐ Cabinets & Furniture			☐ Interior Components			
☐ Chassis Components			☐ Plumbing & Bath Components			
■ Construction Components			☐ Windows, Awnings, Vents, & Doors			
DESCRIPTION OF PROBLEM  Batteries going dead on Class A motorhomes when unit is being stored.						
RECOMMENDED SOLUTION  Add relay per attached print and instructions. Relay may be purchased in the Newmar Parts Department. If						
	please contact a Newmar Servi			e Newmar Parts	Department. If	

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#### CORRECTION FOR GRANNING TAG AXLE UNITS

Recently several persons have had problems with the battery discharging while the unit is not in use and the temperature is below 40 degrees. The reason for the discharge is a moisture dryer that is in the compressor tank in the Granning air suspension system. The dryer is thermostatically activated at about 40 degrees. This dryer was accidently hooked up to a constant hot terminal instead of an ignition hot. Please follow these instructions to make the necessary correction to your unit. The correction will install an ignition activated relay between the power source and the dryer.

The following instructions are for a Potter Brumfield relay # VF4-15F11

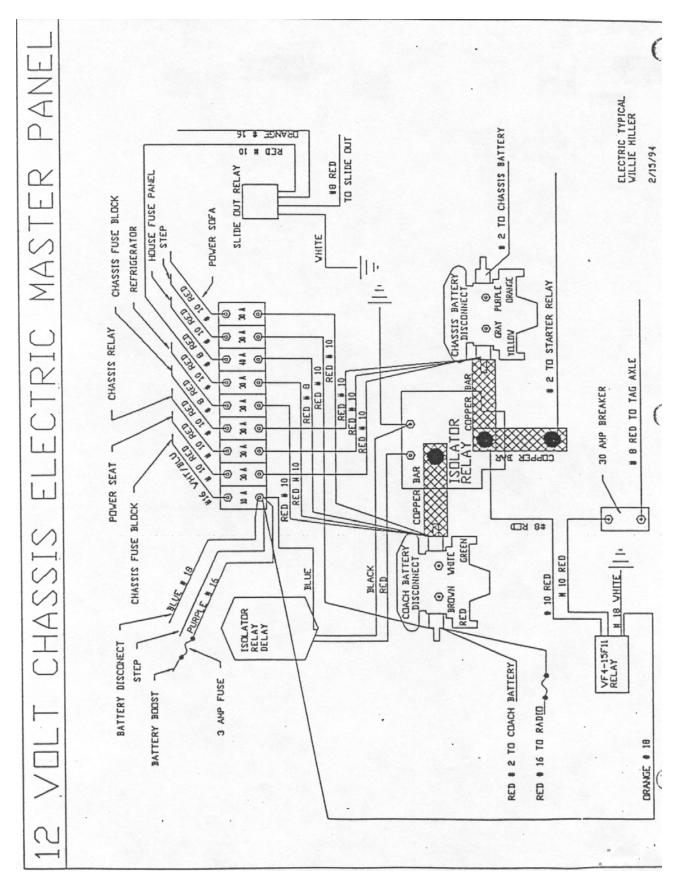
- 1. Remove the clear plastic cover on the 12 volt junction box in the front compartment of the motor home.
- 2. Disconnect the #8 red wire that feeds the tag axle components from the terminal post on the mini breaker.
- 3. Connect one of the red wires from the relay to the terminal that the #8 wire in step one was connected to.
- 4. Connect the other red wire from the relay to the #8 red wire that feeds the tag axle components. (the wire removed from the terminal in step one)
- 5. Attach the white wire from the relay to a solid ground to the chassis.
- 6. Attach the orange wire to the ignition hot breaker in the junction box.
- 7. Reattach the plastic cover to the 12 volt junction box.

The dryer will now receive power only when the ignition is in the on position.

NOTE: If the line shorts out while working on this change check the fuse located at the fuse panel near the steering wheel.

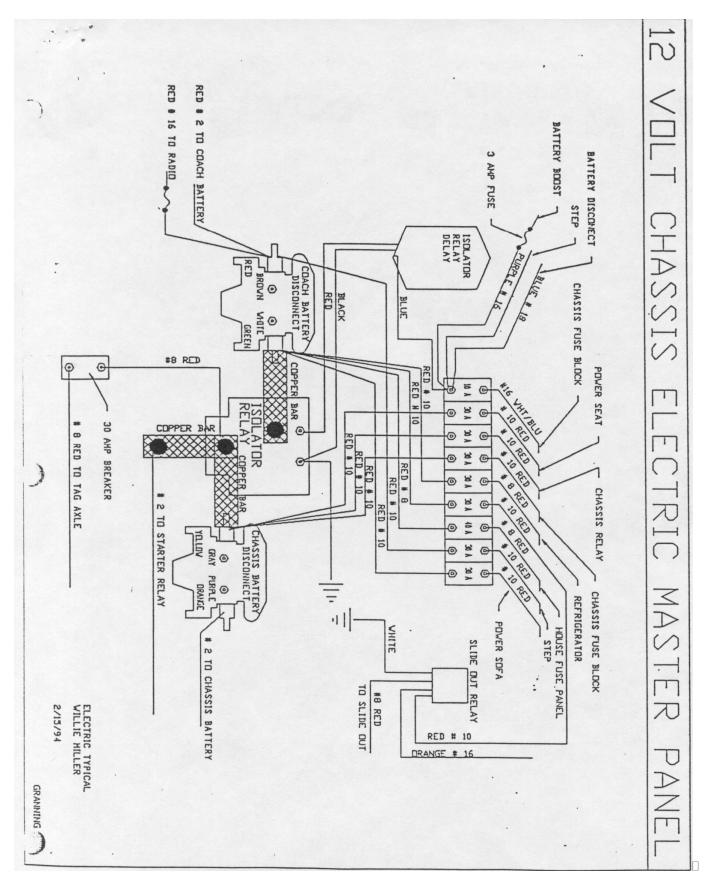
CAUTION: DO NOT REWIRE THE SYSTEM BY A METHOD THAT WILL ALLOW THE DRYER TO FUNCTION ONLY WHEN THE AIR COMPRESSOR IS WORKING. THIS COULD CAUSE SERIOUS DAMAGE TO YOUR VEHICLE.

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If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

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