

# NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN							
DATE ISSUED	MODEL YEAR(S) AFFECTED	MODEL(S) AFFECTED	TSB #				
11/12/97	1998	ALL	147				
BRAND		TYPE					
All <input checked="" type="checkbox"/>	American Star <input type="checkbox"/>	Kountry Star <input type="checkbox"/>	Dutch Star <input type="checkbox"/>	All <input checked="" type="checkbox"/>	T T <input type="checkbox"/>	F W <input type="checkbox"/>	
NewAire <input type="checkbox"/>	Mountain Aire <input type="checkbox"/>	Kountry Aire <input type="checkbox"/>	London Aire <input type="checkbox"/>	C A <input type="checkbox"/>	D P <input type="checkbox"/>	D B <input type="checkbox"/>	
<input type="checkbox"/> Air Conditioning & Heating				<input checked="" type="checkbox"/> Electrical Components			
<input type="checkbox"/> Appliances & Accessories				<input type="checkbox"/> Exterior Components			
<input type="checkbox"/> Cabinets & Furniture				<input type="checkbox"/> Interior Components			
<input type="checkbox"/> Chassis Components				<input type="checkbox"/> Plumbing & Bath Components			
<input type="checkbox"/> Construction Components				<input type="checkbox"/> Windows, Awnings, Vents, & Doors			
DESCRIPTION OF PROBLEM							
Thermoil batteries.							
RECOMMENDED SOLUTION							
<p>Thermoil has increased the number of plates per cell to 13 for the 24 dc and 15 for the 27 dc. This process resulted in more reserve capacity for your customers, but a longer recharge time especially if the battery is completely depleted.</p> <p>Batteries may be "trickle discharged" below 11 volts. Some converters may associate this low voltage to a dead cell and refuse to charge the battery system. Please be sure to charge the batteries with a conventional battery charger before replacing them.</p> <p>To receive warranty coverage on Thermoil batteries, please be sure to adhere to the following:</p> <ol style="list-style-type: none"><li>1. Call Thermoil's customer assistance at 800-697-9505.</li><li>2. The RV battery number will be required so be sure to either document the number or remove the tag.</li><li>3. Include the retail purchase date of the RV.</li><li>4. If a replacement battery has been purchased, a copy of the receipt showing the purchase will be required.</li></ol>							

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