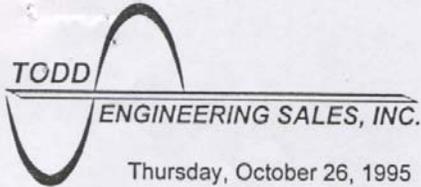


NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN			
DATE ISSUED	MODEL YEAR(S) AFFECTED	MODEL(S) AFFECTED	TSB #
11/3/95	1996	ALL	126
BRAND		TYPE	
All <input type="checkbox"/>	American Star <input type="checkbox"/>	Kountry Star <input checked="" type="checkbox"/>	Dutch Star <input checked="" type="checkbox"/>
NewAire <input type="checkbox"/>	Mountain Aire <input checked="" type="checkbox"/>	Kountry Aire <input checked="" type="checkbox"/>	London Aire <input checked="" 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			
Transfer switches have a newly designed time delay circuit board.			
RECOMMENDED SOLUTION			
Please refer to the new model Todd Engineering transfer switch with a red led. Design change enclosed. Please contact your service representative if you have any questions.			

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

NEWMAR CORPORATION WARRANTY DEPARTMENT



DESIGN CHANGE NOTIFICATION

Please forward the following information to the appropriate people within your organization. Todd Engineering Sales has made a design change affecting the following products:

Transfer Switches: Models TS-30, TS-3030, TS-50, PS-245, PS-260, PS-262S, PS-450.

The product models noted above now incorporate a newly designed time delay circuit board. This change was implemented on units manufactured on or after October 18, 1995. There is no change in the form or fit of the product. The new time delay board functions essentially the same as the old one. The new board, however, utilizes different components designed to improve the reliability and durability of the circuit. *Most notably, the new time delay board incorporates a diagnostic feature in the form of a red LED not present on the older style time delay boards.* The LED will be lit in normal use when AC current is present from the dominant power supply. (Normally the generator in most applications.) A lit LED indicates the presence of DC voltage to the coil in the relay. If the red LED is not lit, DC voltage is not being supplied to the coil. If the LED is not lit, one of two conditions normally exists. Either AC voltage is not being supplied to the time delay board or the time delay board is defective and should be replaced. If a transfer switch using this new board is not functioning properly, the first step should be to check AC power coming into the time delay board. If the voltage being supplied to the input terminals on the time delay board is between 100 and 125 volts AC and the red LED is not lit, a new time delay board should be installed and the switch should be re-tested. Replacing the time delay board is the only field repair that is authorized by Todd Engineering Sales, Inc. If a new time delay board does not restore the normal function of the switch and the switch is under warranty, the entire unit must be returned to Todd Engineering for testing and repair. *Any unauthorized attempts to repair the switch other than replacing a failed time delay board will void the warranty.* We strongly suggest that this notification be forwarded to your parts, service and warranty administration departments as well as being distributed to your dealer base to assist them in servicing these products. If you have questions regarding this design improvement please do not hesitate to contact us.