

SERVICE BULLETIN



UTILITY TRAILER MANUFACTURING CO.

SB-17-020

Issue date: April 2008

Re-Issue Date: August 07, 2012

Phillips PermaLogic™ TroubleShooting Guide

Phillips Industries has developed the attached TroubleShooting Guide to provide an easy to follow method of isolating and correcting problems on the PermaLogic™ Controller installed on Utility trailers.

Please explore Phillips' [website](#) for more information & other tools.

Any other questions regarding this service bulletin should be directed to Utility's Field Service Department at 800-423-6591.

Field Service Department
UTILITY TRAILER MANUFACTURING COMPANY

Attachment: 2 pages

Utility hasn't independently evaluated the information contained in the attached technical bulletin; it is making the bulletin available as a convenience and for information purposes. You are encouraged to contact Phillips (562) 781-2121 if you have any questions concerning the content of the document, or how these issues affect trailers you are servicing.

Before troubleshooting the PermaLogic™ module, do the following:

- 1) Disconnect the ABS ECU
- 2) Ensure a proper GROUND from 7-way socket and trailer dome lights
- 3) Use a tractor to troubleshoot (DO NOT USE A LIGHT CHECKER)
- 4) Write down the results of each step including POWER UP sequence



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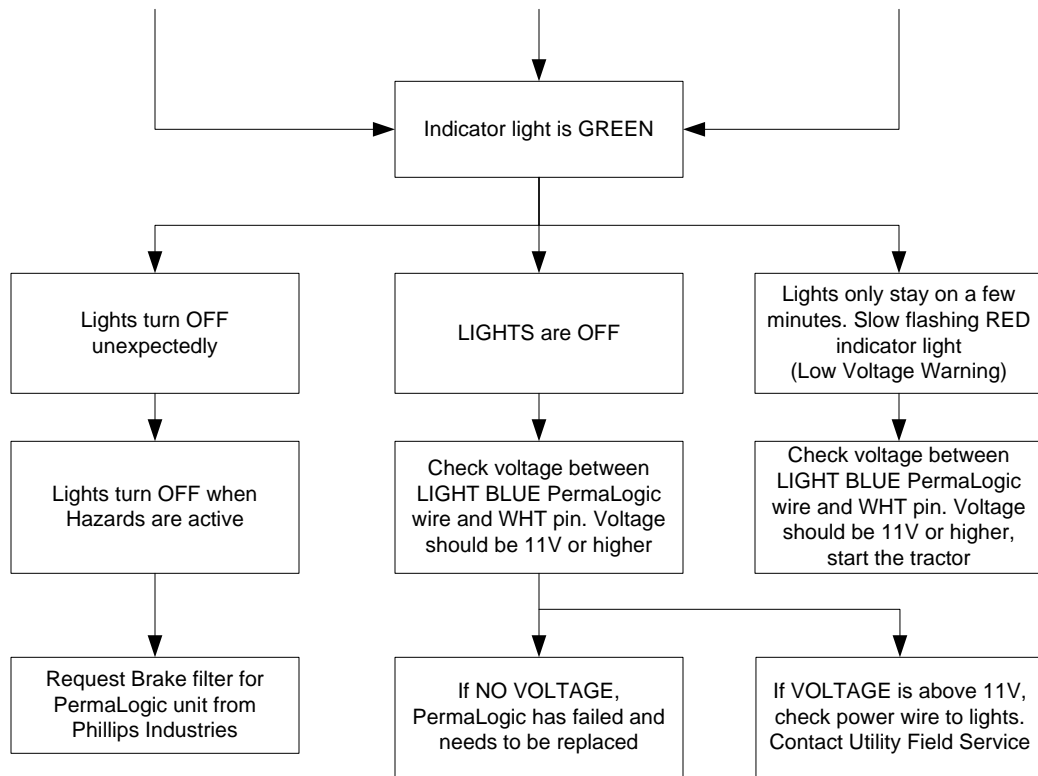
PermaLogic™ TroubleShooting Guide

After inserting 7-way cable, PermaLogic will cycle through start-up sequence and then the Indicator Light should maintain solid BLUE (or OFF if after 02/2010)

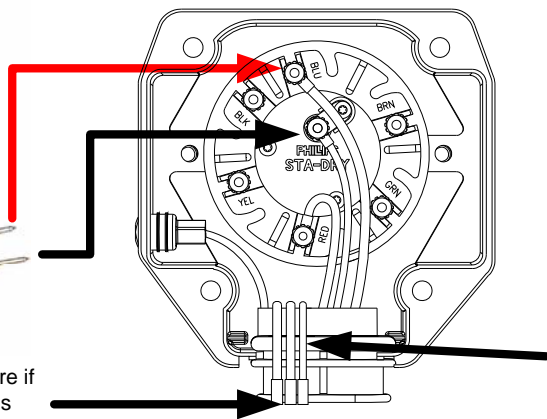
Start-up sequence:
Green -> Purple -> Blue (Before 02/2010)
Green -> OFF (After 02/2010)

Variable Green: 60min
Timer: Red: 45min
Blue: 30min
White: No timer





Cut LIGHT BLUE wire if indicator light turns PURPLE after switch is activated



Cut WHITE/GREEN wire if lights continuously flashing, or lights to not come on when switch is activated

