

SERVICE BULLETIN

UTILITY TRAILER MANUFACTURING CO.



SB-17-030

Issue date: January 26, 2017

Recommended Practice **Connecting the PermaLogic System**

Phillips has released a Recommended Practice when connecting the PermaLogic system. Please see attachment.

If you have any questions regarding the information indicated, please contact Field Service Department directly at 1.800.423.6591

Field Service Department
UTILITY TRAILER MANUFACTURING COMPANY

Utility hasn't independently evaluated the information contained in the attached Recommended Practice from Phillips; it is making the instructions 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.

Recommended Practice Connecting the PermaLogic™ System

This Recommended Practice covers all of the PermaLogic™ DomeLight Controllers with Phillips Part# beginning in 60-25XX or 60-28XX.

Reefer Unit Installation:

Run a minimum 10Ga. wire with a 40A fuse that is within 6" of the Reefer starter post and run to the Dark Blue wire of the PermaLogic module. Run a minimum 10Ga. WHITE wire from the Reefer chassis / GROUNDED surface to the GROUND pin of the SAE J560 nosebox and PermaLogic WHITE 14Ga. wire. Phillips offers a Reefer Harness for such applications, Phillips Part# 60-2692.

Liftgate Unit Installation:

Run a minimum 8Ga. wire with a 40A fuse that is within 6" of the Liftgate Battery (+) post and run to the Dark Blue wire of the PermaLogic™ module. Run a minimum 8Ga. WHITE wire from the Liftgate Battery (-) post and connect to the GROUND pin of the SAE J560 nosebox and PermaLogic™ WHITE 14Ga. wire.

SAE J560 Installation:

Most units that leave Phillips CVP Manufacturing are pre-wired to pull power from the BLUE/AUX circuit of the J560. However, some applications or customer preference do not wish to use this circuit as it may require keeping the keys in the ON position to use the interior lights. Phillips approves powering the PermaLogic™ from the BLACK (License/I.D.) circuit, which requires a switch to be activated inside the tractor.

Not Recommended:

Phillips does not recommend hooking up both the Reefer, Liftgate and/or the tractor power to the PermaLogic™ at the same time. This could cause undesirable effects within the system which could cause damage to the PermaLogic™, wiring harnesses, ABS module, nosebox, tractor and the interior domelights.