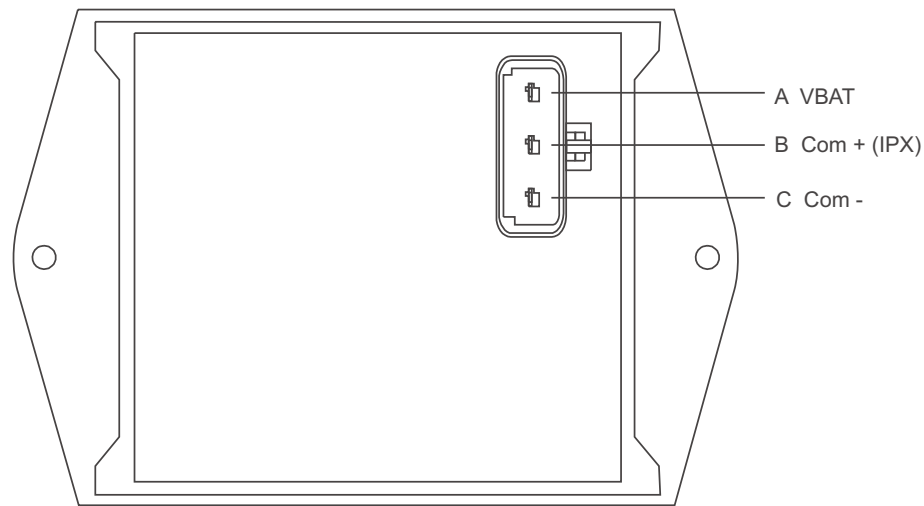




The Load Manager Voltage Input Module provides 4 inputs to the PMC system corresponding to specific battery voltages. In order to provide an accurate indication of system voltage, the Voltage Input Module should be located physically close to the vehicle's battery. *Care should be taken to minimize any voltage drop that may occur between the battery and the module.*

Only 3 connections to the module are needed.

- A. Battery + (Wire should be connected to the + Battery post. **Do not use** the + 12 volts provided by the PMC CPU)
- B. PMC Communications Bus
- C. PMC Ground (Wire should be connected to the Battery - post. The CPU should be grounded to the Battery - post as well)

This module has been potted and provided with a Metripac water-tight connector to facilitate placement near the battery. This module has been addressed at the factory as module "P".

FOR 12 VOLT SYSTEMS

Channels P7, P8, P9, and P10 will be on as follows.

- P7 is ON when the battery voltage is >13.3 Volts
- P8 is ON when the battery voltage is >12.8 Volts
- P9 is ON when the battery voltage is >12.3 Volts
- P10 is ON when the battery voltage is >11.8 volts.

FOR 24 VOLT SYSTEMS

- P7 is ON when the battery voltage is > 26.6 Volts
- P8 is ON when the battery voltage is > 25.6 Volts
- P9 is ON when the battery voltage is > 24.6 Volts
- P10 is ON when the battery voltage is >23.6 volts.

The inputs from this module can be used in the PMC system with boolean logic statements to force selected loads off as the system voltage falls. You may also wish to turn an output on to indicate to the engine controller that high speed idle is needed.

Channels P1 through P6 are still available to be used as virtual channels, or a module such as a 6-position rocker switch adapter or a push button switch module could be addressed for module P.

CONNECTIONS FOR 18 AWG WIRE

Connector with 5.5 inch pigtail
(Intellitec P/N 11-00393-000)

OR USE

Delphi Packard Metripack
12110293 Connector
12048074 Contact
12110213 Cable Seal
12052845 Lock

P/N 00-00809-120 12 Volt
P/N 00-00809-240 24 Volt



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.