

POWER TRAFFIC ARROW BOARDS WITHOUT IDLING

VSS-TVM360

6 Hour Timer

Vanner's TVM360 provides 6 hours (360 minutes) of power from an auxiliary battery to operate DC loads like Traffic Arrow Sign Boards.

The TVM360 is an economic, simple, and reliable idle reduction device that can be installed in any 12V electrical system.

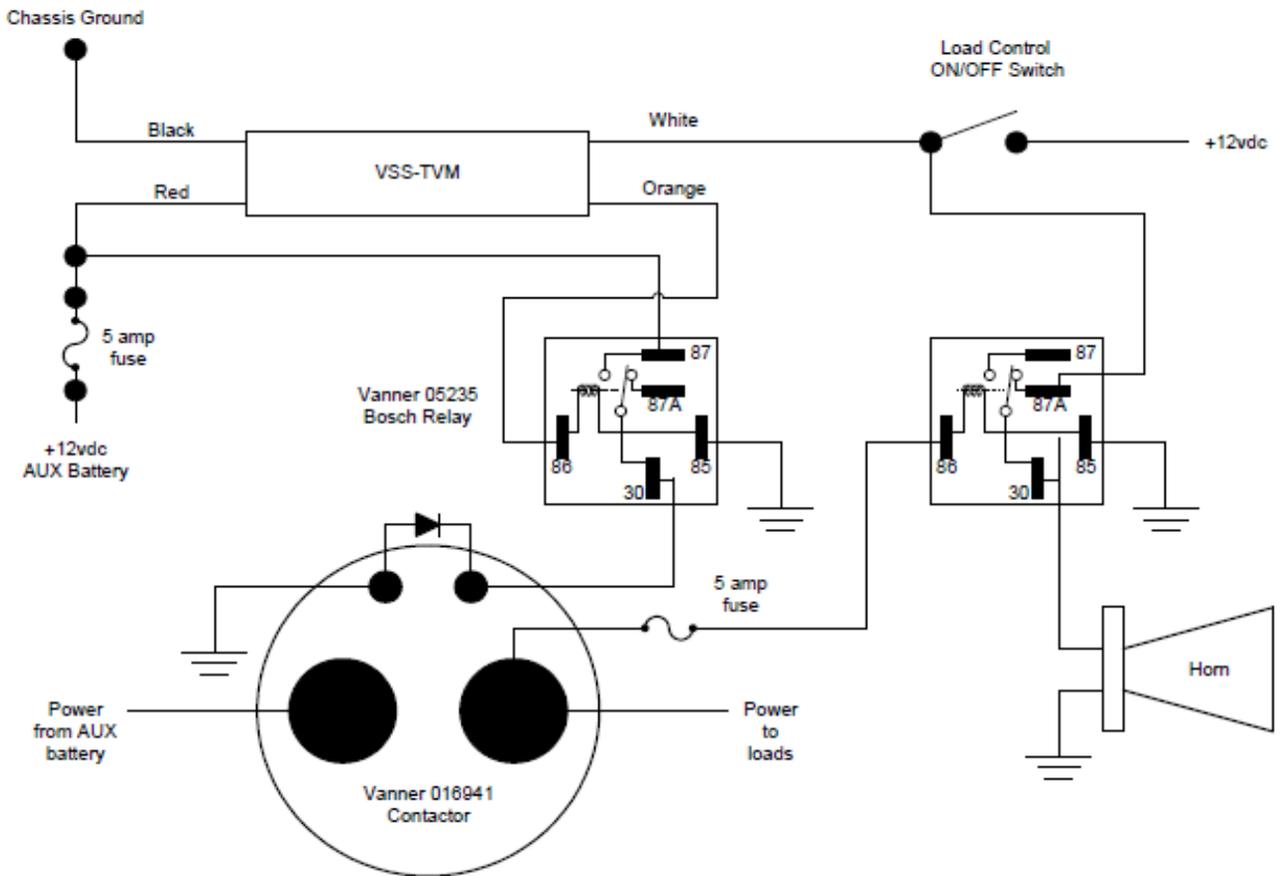
- *TVM system provides 5-6 hours of reliable operation for arrow boards from an auxiliary battery.*
- *TVM transfers the arrow board load to the starting battery when voltage drops below 11.8VDC.*
- *The vehicle's horn sounds to notify the crew that the starting battery has started to power the arrow board.*
- *Eliminates the cost and complexity of auto-starting and the need for a large battery pack that takes space and adds to GVW.*



VSS-TVM Horn Control Circuit

Purpose: To alert the operator that power to the AUX loads has turned off and he needs to either start the vehicle or turn the Load Control Switch off.

Description of operation: When the Load Control Switch is on and the vehicle is shut off, the VSS-TVM will open the contactor after 60 minutes or when the AUX battery voltage falls below 11.8v. When the contactor opens, the HORN will receive power until the Load Control Switch is turned off.



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