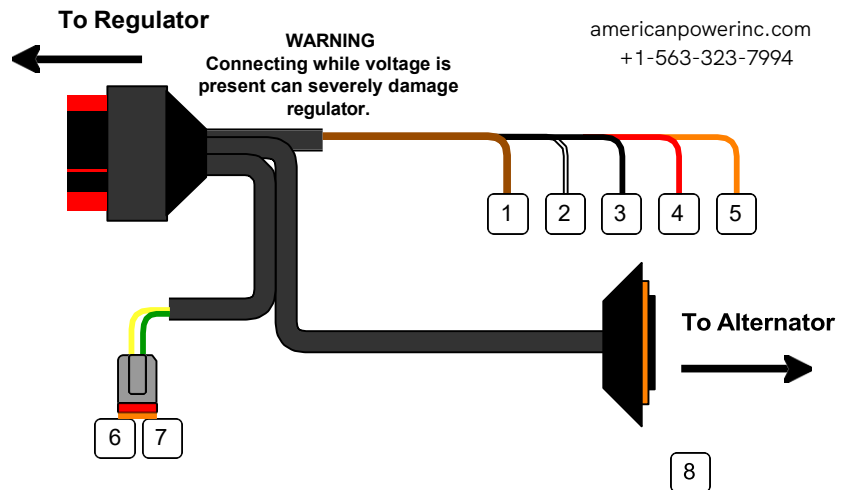


# Quick Start Guide

## APS500/VAN OPT1 Harness



The harness is designed to provide a durable, moisture-protected connection between the APS500 Alternator Regulator and the electrical system. APS500 wiring harness features a rugged Ampseal high current connector and tinned marine wire.



**SAFETY NOTE: Utilize Service Disconnect for battery(ies) before starting installation.**

## WIRE LIST

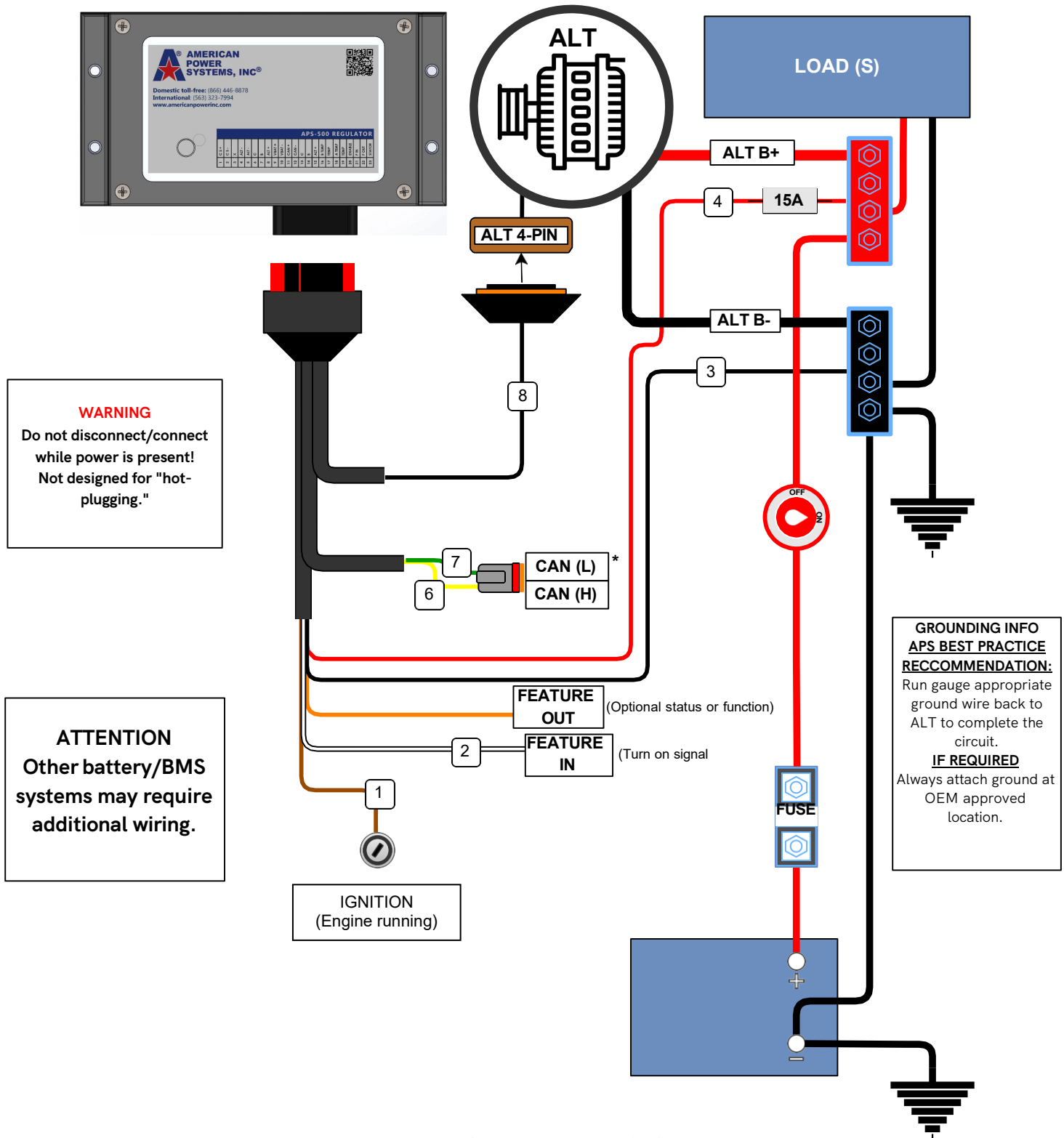
- 1 • Ignition Wire (Brown)** Connects to switched voltage source (key switch). Must see zero volts when off and minimum of 8.5 VDC to activate.
- 2 • Feature In Wire (White)** Can be connected to a voltage source greater than 8.5 VDC to enable a range of selectable optional capabilities as detailed in the User's Guide.
- 3 • Regulator Power (-) (Black)** Connects to (-) Bus Bar.
- 4 • Regulator Power (+) (Red)** Connects to (+) Bus Bar. Fused at 15A.
- 5 • Feature Out (Orange)** Details in user guide.
- 6 • CAN High (Yellow)** Plug: DTM06-2S, PIN 1
- 7 • CAN Low (Green)** Plug: DTM06-2S, PIN 2
- 8 • Alternator Plug-** (stator, field, temperature sensor): Connects to alternator at the 4-pin plug.

# Quick Start Guide

## APS500/VAN OPT1 Harness



Wiring diagram below is for reference only, as systems will vary based upon application and options. Please note, APS500 Alternator Regulator requires programming per application.



\*Mating CAN connector: DTM06-2