

Connections 1-4 are 4ga. minimum wire size.  
 Long runs may require larger wire sizes.  
 Connections 5-8 are minimum 16 ga wire.

● Wiring in blue are connections made in the field with customer supplied cable.

\* Optional 1n5406 diode may be needed for some systems  
 Always fuse this connection at the battery too.

Power & ground from engine battery  
 Never pull power from inside A-100 control box as it could be 24 vdc

To Helm Joystick (16 ga.)

