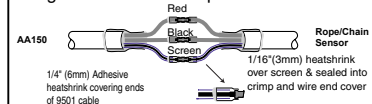


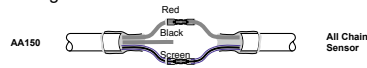
Dual Station AutoAnchor AA150 Wiring Diagram For Windlasses With 3 Terminal Motors

Water Resistant Sensor Cable Splice Details Using an AutoAnchor Rope/Chain Sensor

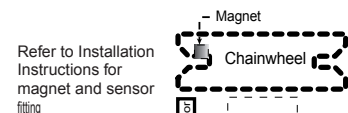


When connecting the sensor wire to the AutoAnchor 150 console unit, ensure all wires are matched and connected, including the screen/drain wire. All connections must be made for the unit to operate. Cable joins must be soldered and sealed in adhesive heat shrink tubing or crimped with immersion resistant crimp splices. Sensor cable must be Belden 9501 (24AWG) or equivalent. Splices must be Raychem D-436-36 or equivalent.

Water Resistant Sensor Cable Splice Details Using an AutoAnchor All Chain Sensor

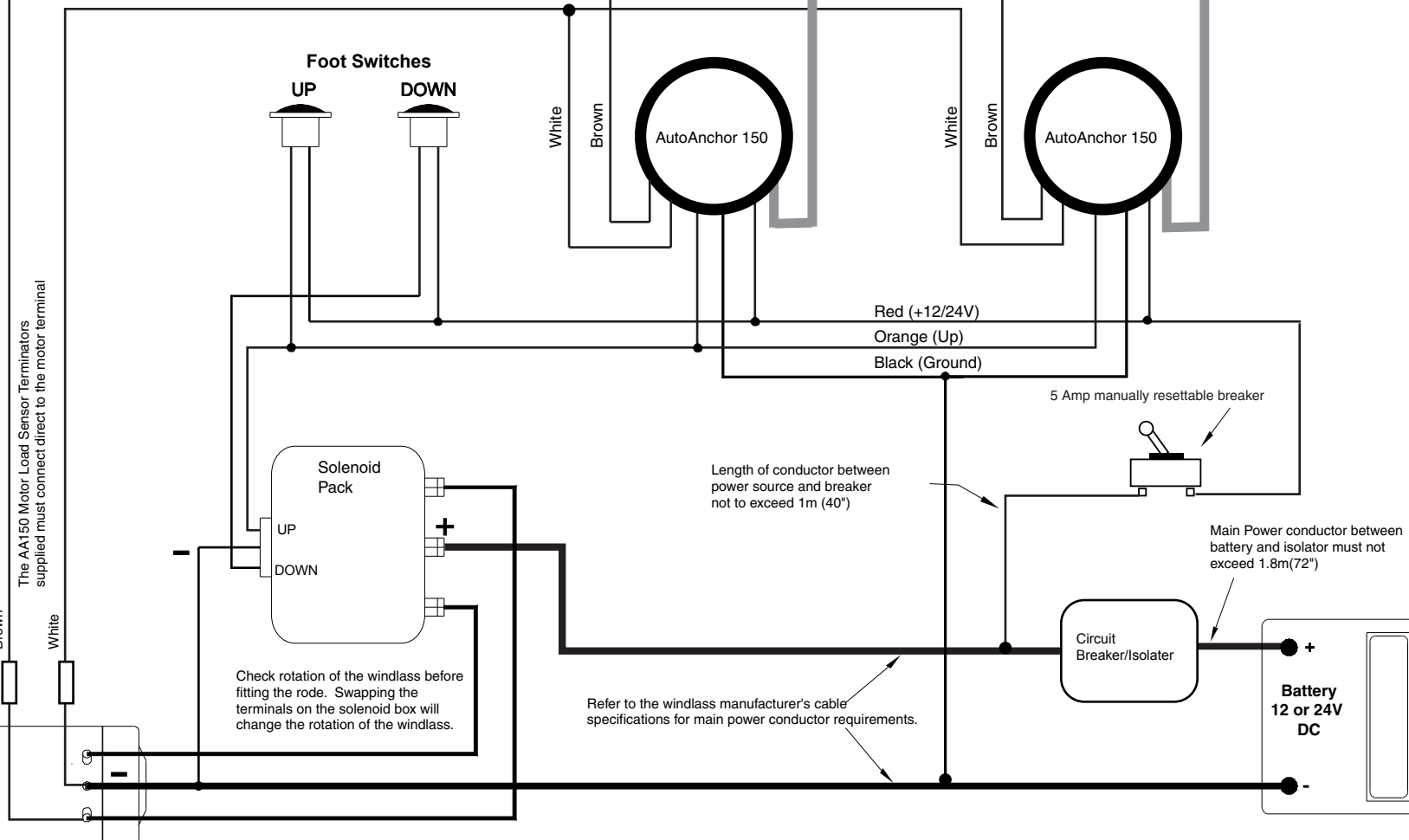


When connecting the all chain sensor wire to the AutoAnchor 150 console unit, the black wire is not connected. Ensure the other wires are matched and connected as detailed above.



Refer to Installation Instructions for magnet and sensor fitting

Note: These wires are not necessary for all chain counting.



NOTES

- 1 The AA150 should only be installed by a qualified marine electrician. Do not attempt to install the AA150 unless you are suitably qualified.
- 2 The AA150 Installation Instructions and Operation Manual must be referred to for full installation, calibration and testing procedures.
- 3 Installation is not complete until the AA150 has been calibrated to comply with the boat's windlass and chain and then tested in a safe environment. Refer to the AA150 Operation Manual Part 2 for the calibration and testing instructions.

- 4 All the cable and technical specifications must be checked and adhered to. Wiring diagrams must be followed without modification.
- 5 All cables connected to the AA150 must be installed at least 500mm (1.5ft) away from any equipment transmitting or cables carrying radio signals eg VHF radios, cables and antennas or radar antennas.
- 6 All battery and motor cables must be installed to maintain a distance of at least 300mm away from the sensor head.

- 7 The AA150 must be earthed and supplied by the same bank of batteries as the solenoid pack and windlass motor.
- 8 Sensor cable joins must be soldered and sealed with adhesive heat shrink tubing or crimped with immersion resistant crimp splices.
- 9 The brown and white motor load sensing wires are only required for rope/chain counting. They do not need to be connected for all chain counting.
- 10 All wiring for multiple AutoAnchor stations is colour matched and run in parallel.

WARNING

Power must be disconnected during installation and when making any changes to wiring after installation

ALL INSTALLATIONS MUST BE CARRIED OUT IN ACCORDANCE WITH USCG, ABYC, NMMA and BMEA REQUIREMENTS

AutoAnchor™
WINDLASS CONTROL AND CHAIN COUNTERS

Auto Anchor 150 Dual Station Wiring Diagram Generic 3Term V2