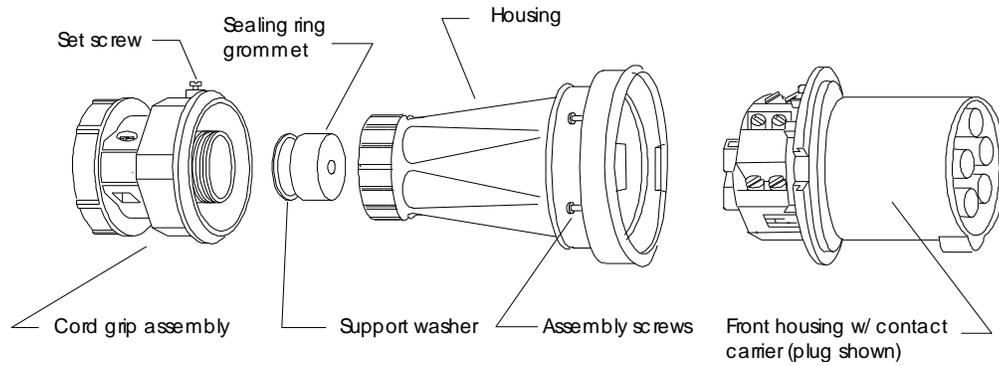


# 100A PLUG OR CONNECTOR WIRING INSTRUCTIONS



1. Choose the correct end of the cable for plug or connector so that conductor color coding corresponds to terminal location.
2. Shear the cable cleanly- Do **not** strip away jacket or conductor insulation at this time.
3. Remove cord grip assembly, support washer & sealing ring grommet from housing.
4. Prepare inner sections of pre-cut sealing ring grommet to fit the cable diameter. Be sure not to remove any more than necessary. The sealing ring grommet should fit the cable tightly.
5. Slide cable through cord grip assembly, support washer and fitted sealing ring grommet (open clamp further for larger cable).
6. Back out assembly screws to remove front housing/contact carrier from rear housing.
7. Slide cable through threaded opening of rear housing. Strip cable jacket 3-3/4" and each conductor 1-1/4".
8. Insert wires into the marked terminal holes of contact carriers as shown below. Twisting the strands of each conductor may be necessary.

<u>WIRE COLOR</u>	<u>TERMINAL IDENTIFICATION</u>
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Green	G, Green,
White	W, White

Black, Red, Orange, etc.	L1, L2, L3
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9. Torque the terminal screws to 35 in-lbs.
10. Place front housing/contact carrier in proper position of rear housing. Assemble, and tighten assembly screws to 25 in-lbs. torque.
11. Slide sealing ring, support washer and external cord grip down cable into rear housing. Hand tighten cord grip assembly.
12. Tighten set screw on strain relief so nut cannot turn. Tighten cord clamp screws to 18 in-lbs. torque

## NOTES:

1. This device will work with round-jacketed cable.
2. The cable diameter must be within .96" and 1.92".
3. The conductor size of the cord must be between #3 and #1/0.

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# MARINCO

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