

# INSTALLATION INSTRUCTIONS FOR REPLACEMENT OF HULL INLET MOTOR BASE

Model Number: **305CRMB**

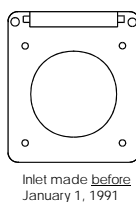
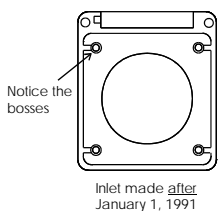
For use on 30A, 125V stainless steel inlets. Also for use on nonmetallic 30A, 125V inlets manufactured after January 1, 1991 (see step 4 below).

## WARNING:

**TO PREVENT ELECTROCUTION, DISCONNECT SHORE POWER CORD, AND MAKE SURE THE INLET IS NOT CONNECTED TO ANY OTHER POWER SOURCE BEFORE WORKING ON IT.**

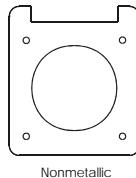
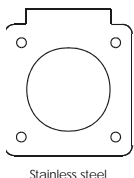
**FAILURE TO COMPLY WITH THE FOLLOWING INSTRUCTIONS COULD CAUSE AN ELECTRICAL FAILURE OR FIRE.**

1. Remove the existing inlet's four mounting screws and pull the inlet from the boat.
2. If the inlet has a rear safety enclosure, loosen strain relief clamp and slide enclosure and mounting gasket along the boat's wire.
3. Loosen terminal screws to disconnect existing inlet from the boat's internal wiring. Remove the old motor base from the plastic bezel by removing the three #4 assembly screws. Save the screws.
4. If your boat has a nonmetallic inlet, examine the back of the inlet to determine if the inlet was made after January 1, 1991.



If your inlet was made before January 1, 1991, this motor base will not make a watertight seal. Order replacement motor base 301CRMB.

5. Examine the boat's internal wiring. **Make sure the wire strands are clean and not corroded.** If necessary, cut back the wire until clean wire is found.
6. Strip the conductors 1/2". **Do not solder the ends of the wire.**
7. This motor base comes with two mounting gaskets, one is for stainless steel inlets and the other is for nonmetallic inlets, as shown below:



Slide the appropriate new mounting gasket and the rear safety enclosure along the boat's internal wiring. Note: The gasket fits between the rear safety enclosure and the boat.

8. Assemble the new motor base to the plastic bezel using the #4 screws.  
Note that there is a metal grounding strap around one of the assembly screw holes. If your inlet is nonmetallic, this is not part of the original motor base, but it is alright to leave it attached.  
Also, some inlets may have a round, foam gasket. This is not needed and can be discarded.
9. Back off the terminal screws on the replacement motor base, insert the wires and tighten the terminal screws to 14-20 in-lb. torque. **Make certain the wire insulation is not under the terminal clamp.**  
Note: Terminal screws are color coded to match the wire.  
Green Screw - Green Wire (Ground)  
Black Screw - Black Wire ( Hot)  
Silver Screw - White Wire (Neutral)
10. Position rear enclosure against the inlet and tighten strain relief clamp screws.
11. Reposition the inlet on the boat and mount with the four mounting screws.

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