



**EVINRUDE<sup>®</sup>**  
**Johnson<sup>®</sup>**



## BATTERY CLAMP KIT

12 VOLT P/N 390926

24 VOLT P/N 390927

### Installation Instructions

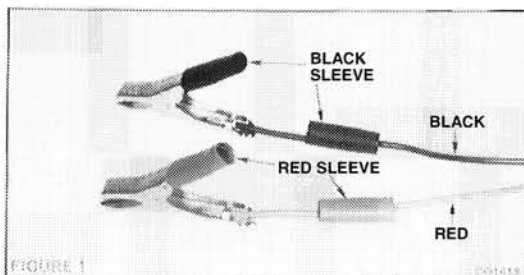
#### PURPOSE

This kit provides easy connecting and disconnecting of the electric trolling motor cable to the batteries on 12 and 24 volt models Evinrude<sup>®</sup> and Johnson<sup>®</sup> electric outboard.

#### TWELVE (12) VOLT KIT

This kit consists of one P/N 390924 Clamp and Sleeve Assembly — Negative and one P/N 390925 Clamp and Sleeve Assembly — Positive.

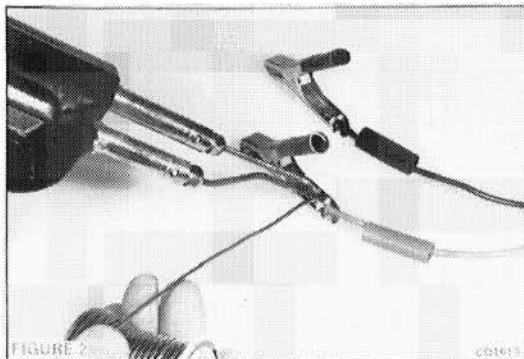
1. Turn all switches on outboard motor controls to "OFF" position.
2. Slide the black insulation sleeve over the black wire, then slip the black wire into clamp with black insulation sleeve. Slide the red insulation sleeve over the red wire, then slip the red wire into clamp with red insulation sleeve. See Figure 1.



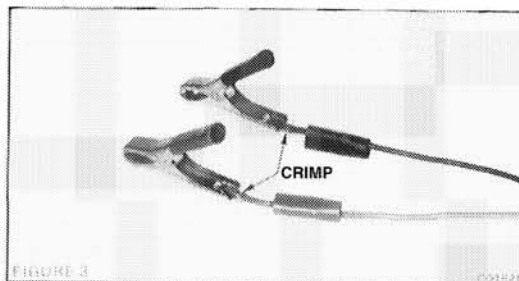
3. Crimp leads inside clamp then solder these two wires to the clamps with Rosin core solder. See Figure 2.

#### NOTE

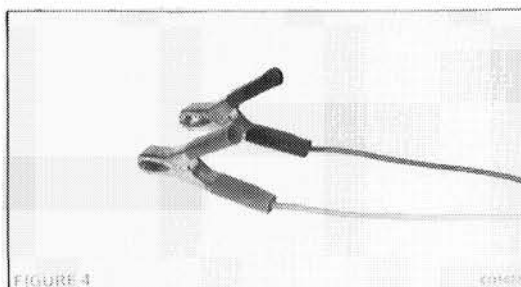
DO NOT USE ACID SOLDER. THIS WILL CAUSE CORROSION TO ALL SOLDER CONNECTIONS.



4. Crimp the tabs over the wire insulation. See Figure 3.



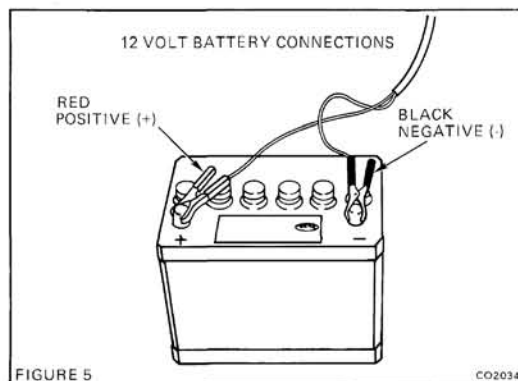
5. Slide the insulation sleeves over the solder joints onto the clamps. See Figure 4.



#### SAFETY WARNING

MAKE SURE ALL SWITCHES ON ELECTRIC OUTBOARD MOTOR ARE IN OFF POSITION BEFORE CONNECTING CABLES TO BATTERY TO PREVENT ACCIDENTAL SPARK OR POSSIBLE CONTACT WITH MOVING PROPELLER.

6. Connect battery cables, making sure clamps are tight on battery posts to insure good contact. Apply a coat of Anti-Corrosion Lube to the exposed areas of battery posts and clamp connectors to retard corrosion. See Figure 5.



#### PRODUCT REFERENCES & ILLUSTRATIONS

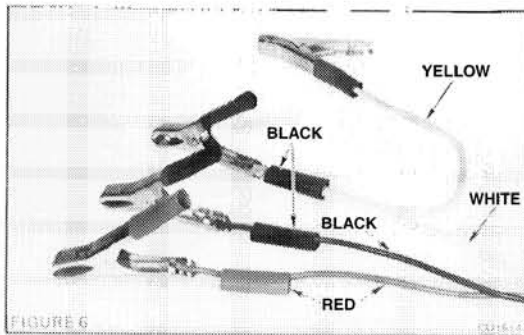
WHEN REFERENCE IS MADE IN THESE INSTALLATION INSTRUCTIONS TO A BRAND NAME, NUMBER, PRODUCT OR SPECIFIC TOOL, AN EQUIVALENT PRODUCT MAY BE USED IN PLACE OF THE REFERRED TO PRODUCT UNLESS SPECIFICALLY STATED OTHERWISE. EQUIVALENT PRODUCTS WHICH ARE USED MUST MEET ALL CURRENT U.S. COAST GUARD SAFETY REGULATIONS AND ABYC-BIA STANDARDS TO AVOID HAZARDS.

ALL PHOTOGRAPHS, ILLUSTRATIONS, AND SPECIFICATIONS USED IN THESE INSTALLATION INSTRUCTIONS MAY NOT NECESSARILY DEPICT ACTUAL MODELS OR EQUIPMENT, BUT ARE INTENDED FOR REFERENCE ONLY BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF PUBLICATION.

## TWENTY-FOUR (24) VOLT KIT

This kit consists of one P/N 390923 Clamp and Lead Assembly, two P/N 390924 Clamp and Sleeve Assembly — Negative, and one P/N 390925 Clamp and Sleeve Assembly — Positive.

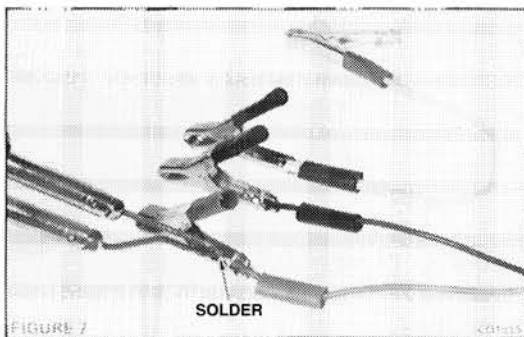
1. Turn all switches on outboard motor controls to "OFF" position.
2. Lay the yellow wire from the clamp and lead assembly parallel to the white wire from the electric trolling motor cable. Slide a black insulation sleeve over these two wires, then slide the two wires into clamp with black insulation sleeve. Slide a black insulation sleeve over the black wire, then slide wire into clamp with black sleeve. Slide a red insulation sleeve over the red wire then slide wire into clamp with red sleeve. See Figure 6.



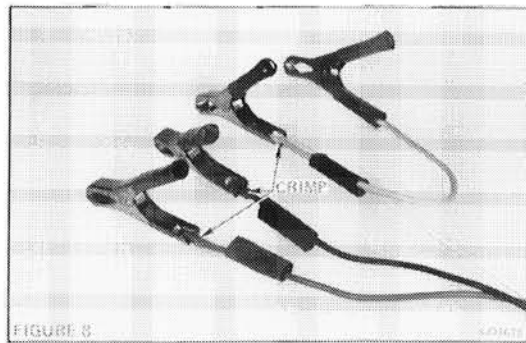
3. Crimp the leads inside clamp then solder these wires to the three clamps. See Figure 7.

### NOTE

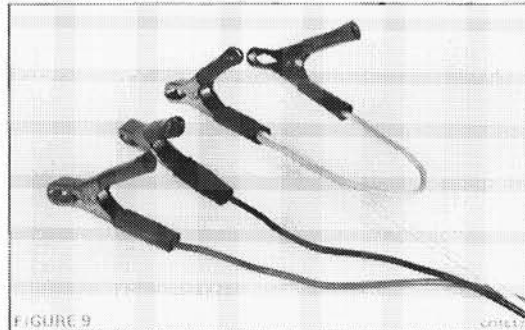
DO NOT USE ACID SOLDER. THIS WILL CAUSE CORROSION TO ALL SOLDER CONNECTIONS.



4. Crimp the tabs over the wire insulation. See Figure 8.



5. Slide the insulation sleeve over the soldered joints onto the clamp. See Figure 9.



### SAFETY WARNING

MAKE SURE ALL SWITCHES ON ELECTRIC OUTBOARD MOTOR ARE IN OFF POSITION BEFORE CONNECTING CABLES TO BATTERY TO PREVENT ACCIDENTAL SPARK OR POSSIBLE CONTACT WITH MOVING PROPELLER.

6. Connect battery cables, making sure clamps are tight on battery posts to ensure good contact. Apply a coat of Anti-Corrosion Lube to the exposed areas of battery posts and clamp connectors to retard corrosion. See Figure 10.

