

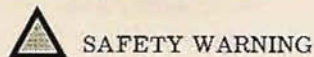
INSTALLATION INSTRUCTIONS FOR INSTRUMENT AND CABLE ASSEMBLY NO. 388869 FOR SAIL DRIVE

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All equipment necessary for installation of the electric starting system is included with your engine with the exception of the battery and battery cables. Installation consists of mounting the instrument panel on the boat dashboard, making the necessary electrical connections at the engine and dashboard and mounting the battery in the boat.

TOOLS REQUIRED

Tools required for the average installation consist of a brace with 1-1/2" bit, Phillips head screwdriver and 5/16" and 15/16" open end wrenches.



SAFETY WARNING

DO NOT SUBSTITUTE FUEL OR ELECTRICAL SYSTEM PARTS. SEE YOUR DEALER FOR AUTHORIZED PARTS. USE OF PARTS OTHER THAN SPECIFIED MAY RESULT IN FUEL VAPORS AND/OR ELECTRICAL SPARKS (IGNITION SOURCES) IN THE ENGINE COMPARTMENT.

CONTROL PANEL INSTALLATION

The instrument cable and panel are supplied as an assembly. You must remove the switch face nuts and panel to ease installation, Figure 1.

1. Determine area on boat dashboard or bulkhead where instrument panel will be located. Insure that there is adequate clearance behind the area for the switch, horn and cable.
2. Use template from this instruction sheet and mark the area selected as required. Drill one 1-1/2" hole for the starter switch per template instructions. See Figure 7.
3. Remove nut securing ignition switch to panel.
4. Route cable behind area selected and pull switch through hole in boat.
5. Place dash panel over switch and secure with nut. Tighten finger tight.
6. Attach dash panel and switch assembly to boat with screws provided. Assemble horn behind dash panel with screws provided.

7. Route cable assembly to the engine. Cable should be neatly fastened to boat in an out-of-the-way place. Necessary clamps and screws are provided for this purpose.

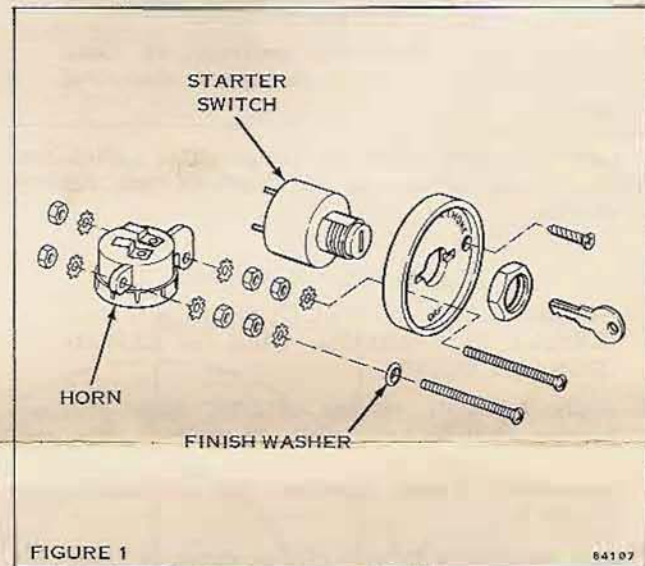


FIGURE 1

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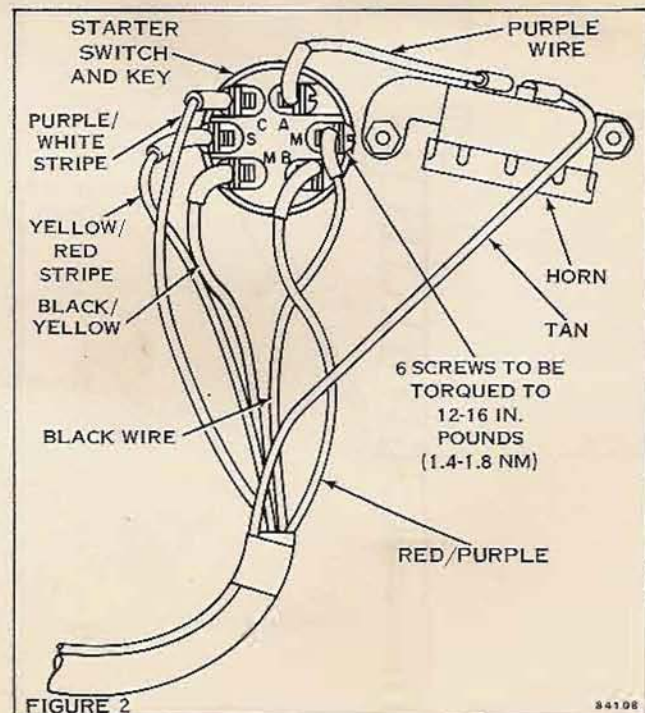


FIGURE 2

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MOTOR CONNECTIONS

▲ SAFETY WARNING

ENSURE ENGINE COMPARTMENT IS FREE OF ALL FLAMMABLE VAPORS BEFORE MAKING ELECTRICAL CONNECTIONS. FAILURE TO DO SO MAY RESULT IN FIRE OR EXPLOSION.

1. Ground the heavy black lead (not supplied) to stud "B" on exhaust cover. See Figure 4.
2. Connect the heavy red lead (not supplied) to the large "A" terminal of solenoid as shown in Figure 4. Battery cable installation and terminal covering must comply with Coast Guard regulation #183.

■ NOTE

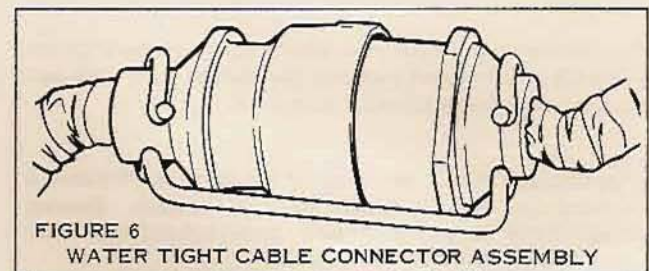
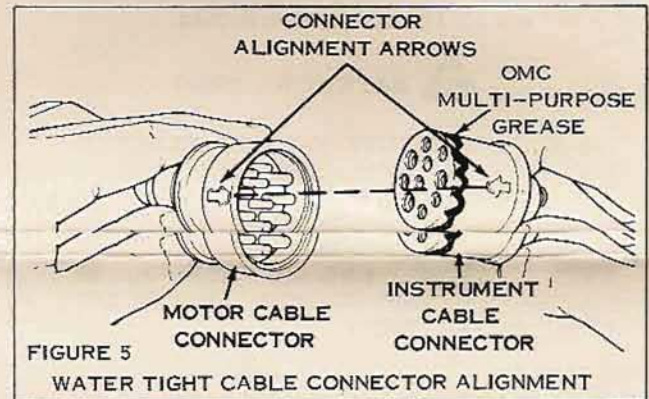
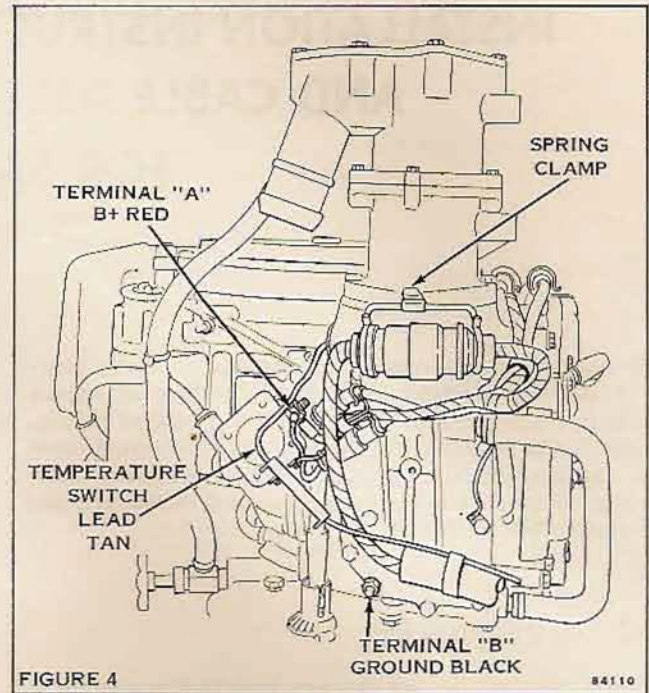
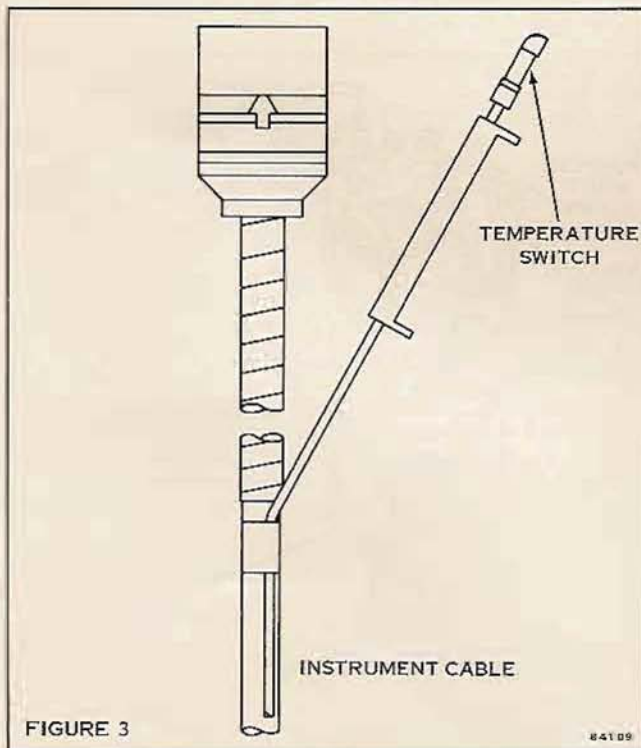
Tighten all connections securely, as loose connections may cause damage to electrical system.

3. Connect motor cable to temperature switch tan lead knife disconnect and insulate with rubber sleeve.

▲ SAFETY WARNING

AVOID LOOSE CONNECTIONS WHICH CAN RESULT IN SPARKING, FIRE OR EXPLOSION MAY OCCUR.

4. Apply a small amount of OMC Multi-purpose grease to instrument cable connector, align arrows on motor and instrument cables, and push connectors firmly together. Do not twist. See Figure 5.
5. Secure cables with wire clip as shown in Figure 6.



▲ SAFETY WARNING

ENSURE CLIP IS IN PLACE. FAILURE TO DO SO MAY RESULT IN CABLE SEPARATING WHICH COULD CAUSE SPARKS. FIRE OR EXPLOSION COULD OCCUR.

6. Snap wire clip securing cables into spring clamp on exhaust cover. Fig. 4.

ACCESSORY CONNECTIONS

Power takeoff for any accessories should be made directly at the battery terminals unless otherwise indicated in the accessory instruction sheet.

BATTERY INSTALLATION

A 12 volt battery can be readily obtained through local sources. For best performance, we recommend a battery having 360 amps cold cranking rating @ 0°F. (-17.5°C), 115 minutes reserve capacity rating @ 80°F. (27°C). (70 amp-hour reference.)

An OMC Accessories Battery Box (Part #171749) is recommended for mounting the battery.

Secure all powerhead electrical connections before connecting battery cables to battery.



SAFETY WARNING

ENSURE ALL ELECTRICAL CONNECTIONS ARE SECURE. FAILURE TO DO SO MAY RESULT IN ELECTRICAL SPARKS.



NOTE

Connect positive battery lead (red) to the positive (+) battery terminal. Connect negative battery lead (black) to the negative (-) battery terminal. Even a momentary reversal of these connections will damage electrical equipment in engine and boat.

INFORMATION FOR FUTURE OWNER

These installation instructions contain information vital to the safe and reliable operation and maintenance of the Sail Drive unit. The instructions and the OWNER'S/OPERATOR'S MANUAL must be given to the future owner.

