

KS-1

SAF-T-STOP IGNITION CUT-OFF SWITCH INSTALLATION AND MAINTENANCE

DESIGNED FOR OUTBOARDS WITH GROUNDING TYPE EMERGENCY STOP CIRCUITS.

NOTICE

We recommend a full service marine dealer install this product to insure proper fit and trouble free operation. These instructions should be placed with product for the owner's future use.

WARNING: Disconnect all battery cables at battery **before** attempting to install this product.

STEP 1: SELECT A LOCATION FOR SAF-T-STOP SWITCH CONVENIENT TO BOAT OPERATOR POSITION THAT IS FLAT AND FREE OF OBSTRUCTIONS FOR AT LEAST 2" BEHIND MOUNTING SURFACE.

STEP 2: CUT A 1 1/2" DIAMETER HOLE AND MOUNT SAF-T-STOP SWITCH WITH TWO (2) #6 SCREWS. IF MOUNTING AREA SELECTED IS FIBERGLASS THIS AREA SHOULD BE COVERED WITH MASKING TAPE PRIOR TO DRILLING OR CUTTING TO PREVENT CHIPPING.

STEP 3: WIRE SWITCH AS FOLLOWS:

NOTE: ALL ELECTRICAL CONNECTIONS SHOULD BE PROTECTED WITH TAPE OR RUBBER COVERING TO PREVENT POSSIBLE SHORTING. WE RECOMMEND SOLDERING ALL CONNECTIONS.

MERCURY AND MARINER OUTBOARD: EARLY MODELS: CONNECT BLACK LEAD TO ENGINE GROUND. CONNECT RED LEAD TO ENGINE MERCURY TILT SWITCH AT TERMINAL BLOCK.

LATE MODELS: CONNECT BLACK LEAD TO BLACK OR GROUND WIRE IN CONTROL BOX. CONNECT RED LEAD TO BLACK/YELLOW WIRE IN CONTROL BOX.

OMC - JOHNSON/EVINRUDE: CONNECT BLACK LEAD TO ENGINE GROUND.

CONNECT RED LEAD AS FOLLOWS: 1969 - 1972 V-4 - BLUE WIRE. 1969 - 1971 3 CYLINDER - BLUE WIRE.

ALL OTHER LATE MODEL ENGINES - BLACK/YELLOW WIRE.

NOTE: ON ENGINES WITH GROUNDING TYPE STOP BUTTON CONNECT BLACK LEAD TO ONE TERMINAL (GROUND IN THE CASE OF A ONE WIRE INSTALLATION) AND CONNECT RED LEAD TO REMAINING TERMINAL.

STEP 4: RECHECK ALL CONNECTIONS AND PROTECT THESE CONNECTIONS WITH TAPE OR RUBBER COVERING TO PREVENT POSSIBLE SHORTING.

STEP 5: PLACE MOLDED BLACK PLASTIC LOOP END OF LANYARD OVER HANDLE OF TOGGLE SWITCH IN SAF-T-STOP SWITCH HOUSING AND PUSH HANDLE OF SWITCH INTO THE RUN POSITION AS MARKED ON HOUSING.

STEP 6: RECONNECT ALL BATTERY CABLES.

STEP 7: CONNECT SNAP SWIVEL TO BOAT OPERATOR.

STEP 8: WITH BOAT IN WATER AND ENGINE AT NEUTRAL AND IDLE, PULL LANYARD UNTIL IT DISENGAGES FROM SWITCH TO CHECK OPERATION AND INSTALLATION. WITH OPERATIONAL CHECKS COMPLETE AND CORRECT REPLACE LOOP ON LANYARD OVER TOGGLE SWITCH AND MOVE SWITCH INTO RUN POSITION.

CAUTION: THIS SAF-T-STOP SWITCH WILL NOT PERFORM ITS FUNCTION UNLESS IT IS ATTACHED TO BOAT OPERATOR. PLEASE -- FOR SAFETY SAKE -- ALWAYS HOOK-UP SAF-T-STOP SWITCH WHEN ENGINE IS RUNNING.

NOTE: IF ADDITIONAL WIRE IS REQUIRED TO COMPLETE INSTALLATION USE ONLY STRANDED, INSULATED WIRE - 16 GAGE MINIMUM.

MAINTENANCE INSTRUCTIONS:

Maintenance inspection is the owner's responsibility and must be performed as follows:

NORMAL SERVICE Every 50 hours of operation.

SEVERE SERVICE: Every 25 hours of operation.

NOTE: Operation in salt water areas is considered "SEVERE SERVICE"

1. Check mounting hardware for adequate tightness.
2. Check all electrical connections.
3. Check wire for abrasions or cuts, replace if necessary.
4. Check lanyard and lanyard ends for possible damage, replace if necessary.