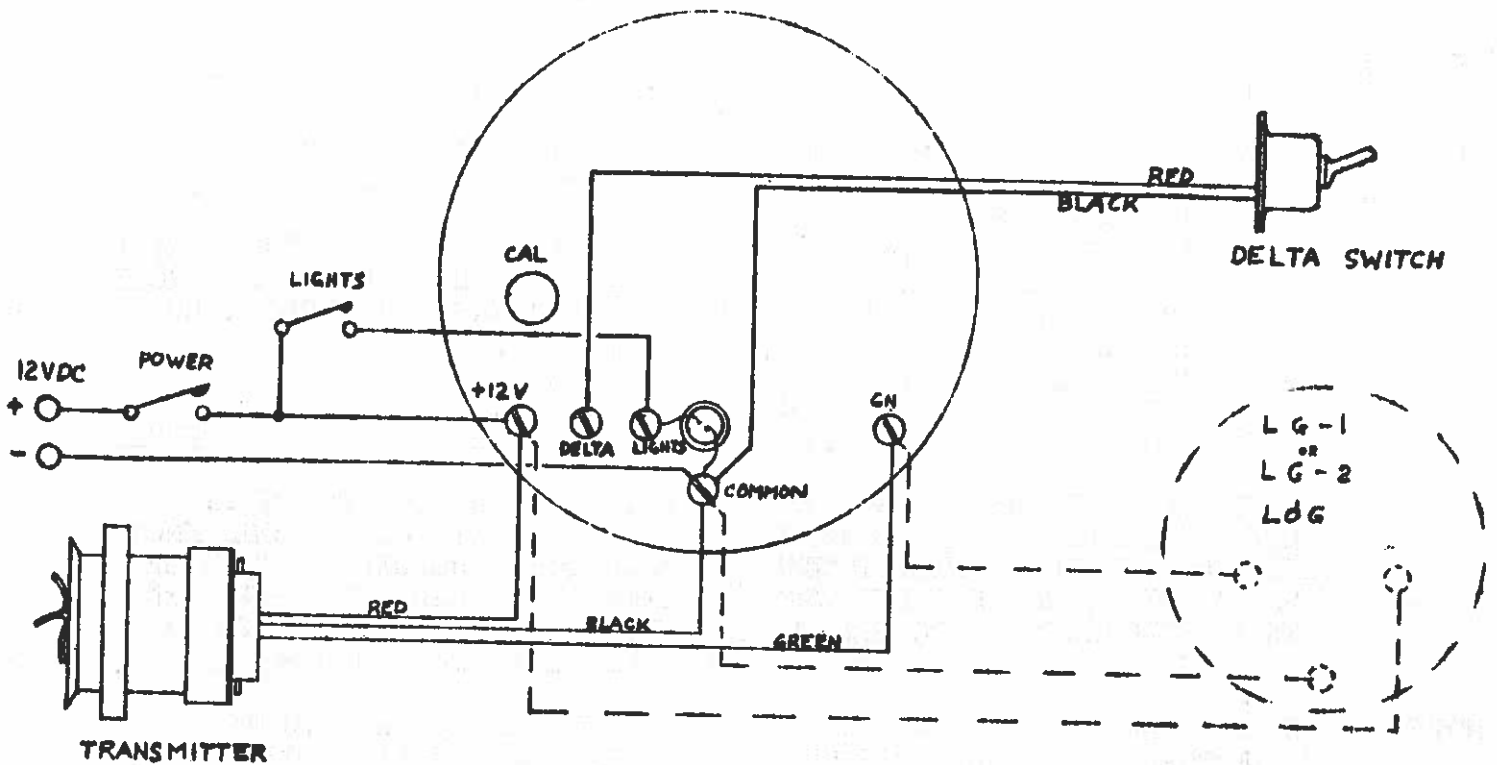


INSTALLATION AND CALIBRATION INSTRUCTIONS
 DELTA-KNOTMETER MODEL KT-3



FOLLOW MOUNTING INSTRUCTIONS AS PROVIDED FOR ALL DISPLAYS AND LOWER UNITS AS FOLLOWS:

- Step 1. BE SURE THAT THE KEYWAY IN THE THRU-HULL FITTING IS FACED FORWARD. THIS KEYWAY MATES WITH A MATCHING WAY IN THE RETRACTABLE LOWER UNIT. TO ASSURE PROPER ORIENTATION THRU NUMEROUS REMOVALS AND INSERTIONS.
2. CONNECT THE DISPLAYS AND LOWER UNIT AS PER THE NOMENCLATURE APPEARING ON THE BACK OF THE DISPLAY AND FOLLOW THE COLOR CODING OF THE LEADS FROM THE LOWER UNIT BEING CERTAIN TO CONNECT THEM TO THE PROPER TERMINALS ON THE BACK PLATE. (GREEN WIRE TO TERMINAL MARKED GRN., RED WIRE TO TERMINAL MARKED RED AND BLACK WIRE TO TERMINAL MARKED BLK.).
3. 12 VOLT D.C. POWER SHOULD BE CONNECTED TO THE FOLLOWING TERMINALS: PLUS TO THE TERMINAL MARKED PLUS 12 V. -- MINUS POWER IS TO BE CONNECTED TO THE TERMINAL MARKED COMMON. IF A POWER SWITCH IS USED, IT SHOULD BE CONNECTED AS INDICATED ABOVE. LIGHTING MAY BE ACCOMPLISHED BY PROVIDING POWER TO THE TERMINAL MARKED LIGHT EITHER THRU A SWITCH OR DIMMER.
4. SHOULD A LG-1 OR LG-2 LOG DISPLAY BE ADDED, THE DOTTED LINES APPEARING ON THE SCHEMATIC SHOULD BE FOLLOWED AND WIRED IN AS INDICATED.
5. THE DELTA SWITCH MAY BE MOUNTED WHERE IT IS CONVENIENT TO THE HELMSMAN, OR ALTERNATLY, THE EXPAND SWITCH OF A PM-1 OR PM-3 ENCLOSURE OR SR-1 SWITCH MODULE MAY BE USED FOR THE DELTA SWITCH. IF NECESSARY, NOTCH CASE OF DELTA SWITCH FOR WIRE.

INSTALLATION AND CALIBRATION INSTRUCTIONS
DELTA-KNOTMETER MODEL KT-3

CALIBRATION:

CALIBRATION ADJUSTMENT IS INDICATED ON THE BACK PLATE AS "CAL".

- Step 1. REMOVE THE PLASTIC PLUG FROM THE HOLE INDICATED "CAL".
2. PROCEED ON A TIMED, MEASURED COURSE. PLACE DELTA-KNOTS SWITCH TO KNOTS POSITION.
 3. AFTER MAKING AN INITIAL DETERMINATION OF THE SPEED BEING TRAVELED, TURN THE CALIBRATION ADJUSTMENT LOCATED BEHIND THE CAL HOLE IN THE BACK PLATE EITHER CLOCKWISE TO INCREASE THE INDICATED SPEED OR COUNTERCLOCKWISE TO DECREASE THE INDICATED SPEED. A SMALL SCREWDRIVER WILL SERVE THIS PURPOSE. THIS SAME ADJUSTMENT IS USED TO ACCOMPLISH CALIBRATION IN EITHER KNOTS OR STATUTE MILES. THE SAME PROCEDURE SHOULD BE FOLLOWED IN EITHER CASE.
 4. WHEN THE KNOTS-DELTA SWITCH IS SWITCHED TO DELTA, THE METER WILL AUTOMATICALLY ZERO IN A STRAIGHT UP POSITION. A ONE KNOT INCREASE IN SPEED WILL PRODUCE A FULL SCALE READING CLOCKWISE ON THE DIAL, WHILE A ONE KNOT DECREASE IN SPEED WILL REGISTER COUNTERCLOCKWISE. TO RESET THE DELTA SCALE, SWITCH TO KNOTS AND BACK TO DELTA, THE METER WILL REZERO AT THIS NEW SPEED.

NOTE: PROPER INSTALLATION AND WIRING IS ESSENTIAL TO SATISFACTORY PERFORMANCE OF ALL "MARINER" INSTRUMENTS -- FOLLOW DIRECTIONS VERY CAREFULLY AND SHOULD YOU HAVE ANY DOUBTS, CHECK WITH YOUR DEALER.