

INSTALLATION INSTRUCTIONS

INSTRUCTIONS FOR SENSOR REPLACEMENT ON THE 8494-01 SIDEWINDER ELECTRIC & THE 8494-RF SIDEWINDER RF MONITORS:

PARTS INCLUDED IN KIT #81960001:

QTY 1 - 67570000 (SENSOR), QTY 1 – 98655000 (INSTRUCTIONS-SENSOR KIT)

REPLACING VERTICAL SENSOR (OUTLET ELBOW TRAVEL LIMITS) – (8494-01 & 8494-RF):

- DISCONNECT POWER SOURCE TO MONITOR
- DISCONNECT EXISTING SENSOR CABLE, REMOVE HOLD DOWN SCREWS (& SPACERS IF INCLUDED). NOTE: SAVE CLAMP LOOP FOR RE-USE
- DISCARD EXISTING SENSOR & SPACERS IF INCLUDED
- ATTACH NEW SENSOR (67570000) USING EXISTING SCREWS & WASHER(S), SEE FIG 1:
 - NOTE: APPLY LOCTITE #243 (BLUE) OR EQUIVALENT TO SCREW THREADS
 - USE LONGER SCREW (#65140000 not included in kit) FOR RE-ATTACHING THE CLAMP LOOP – DO NOT TIGHTEN YET. DO NOT USE A WASHER WITH THE LONGER SCREW FOR CLAMP LOOP (FIG 1)
 - USE ONE SHORTER SCREW (#65139000 not included in kit) WITH ONE WASHER (#71176000 not included in kit) – DO NOT TIGHTEN
 - FINALLY, TIGHTEN BOTH SCREWS GRADUALLY, GOING BACK & FORTH UNTIL 6.0 (IN-LBS) OF TORQUE IS REACHED
- CHECK THAT THE TEST AREA & MONITOR IS FREE OF OBSTRUCTIONS. **NOTE!** DURING OPERATION OF THE MONITOR, KEEP HANDS & FINGERS AWAY FROM ALL POTENTIAL PINCH-POINTS TO AVOID PERSONAL INJURY!
- AFTER POWER IS RECONNECTED, TEST THE SENSOR BY USING THE CONTROLLER & ROTATE THE ELBOW UNTIL THE ELBOW STOPS NEAR BOTH TRAVEL LIMITS. RUN ELBOW AT LEAST TWO TIMES TO ENSURE SENSOR STOPS MOVEMENT AS EXPECTED.

REPLACING HORIZONTAL SENSOR (MONITOR BODY TRAVEL LIMITS) – (8494-01 Only):

- DISCONNECT POWER SOURCE TO MONITOR
- DISCONNECT EXISTING SENSOR CABLE, REMOVE HOLD DOWN SCREWS (& SPACERS IF INCLUDED)
- DISCARD EXISTING SENSOR & SPACERS IF INCLUDED
- ATTACH NEW SENSOR (67570000) USING EXISTING SCREWS & WASHER(S), SEE FIG. 2:
 - NOTE: APPLY LOCTITE #243 (BLUE) OR EQUIVALENT TO SCREW THREADS
 - USE TWO SHORTER SCREWS (#65139000 not included in kit) WITH TWO WASHERS (#71176000 not included in kit) – DO NOT TIGHTEN
 - FINALLY, TIGHTEN BOTH SCREWS GRADUALLY, GOING BACK & FORTH UNTIL 6.0 (IN-LBS) OF TORQUE IS REACHED
- CHECK THAT THE TEST AREA & MONITOR IS FREE OF OBSTRUCTIONS. **NOTE!** DURING OPERATION OF THE MONITOR, KEEP HANDS & FINGERS AWAY FROM ALL POTENTIAL PINCH-POINTS TO AVOID PERSONAL INJURY!
- AFTER POWER IS RECONNECTED, TEST THE SENSOR BY USING THE CONTROLLER & ROTATE THE BODY UNTIL THE BODY STOPS NEAR BOTH TRAVEL LIMITS. ROTATE BODY BACK & FORTH A FEW TIMES TO ENSURE SENSOR STOPS MOVEMENT AS EXPECTED.

FIG. 1 (Sensor Shown Top-Side Facing Out)

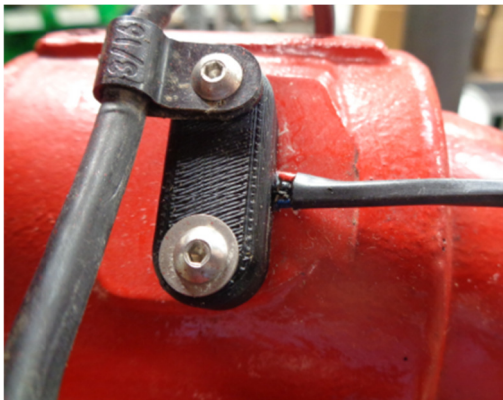


FIG. 2 (Sensor Shown Top-Side Facing Out)

