

DIRECTIONS FOR REPLACING UPPER HINGE WITH SENSOR

- STEP 1** WITH TRIM TABS IN FULL UP POSITION, INSIDE TRANSOM, LOCATE TRIM TAB HYDRAULIC LINE AND DETACH TUBING FROM BRASS ELBOW (SOME OIL WILL DRIP OUT). WHILE HOLDING PIPE NIPPLE WITH VISE GRIPS, UNSCREW BRASS ELBOW.
- STEP 2** OUTSIDE TRANSOM, SNAP WHITE PLASTIC CLIP ON SHAFT PROTRUDING FROM BOTTOM OF CYLINDER. GRAB BODY OF CYLINDER WITH BOTH HANDS AND UNSCREW COUNTER CLOCKWISE FROM ACTUATOR CAP (A SMALL AMOUNT OF FLUID WILL SPILL).
- STEP 3** SCREW NEW CAP WITH COIL ONTO CYLINDER WHILE KEEPING ROD INSERTED INTO COIL. TIGHTEN CAP HAND TIGHT.
IMPORTANT: DO NOT MANHANDLE THESE COILS BEFORE INSERTING THEM INTO CYLINDERS AS DAMAGE MAY OCCUR TO COIL WIRE.
- STEP 4** REMOVE PLASTIC CLIP. (WHITE PLASTIC CLIP CAN NOW BE DISCARDED).
- STEP 5** DISCONNECT SHIELDED CABLE AND DETACH CAP FROM TRANSOM. REMOVE PIPE NIPPLE.
- STEP 6** SCREW PIPE NIPPLE BACK ONTO NEW ACTUATOR CAP. TIGHTEN NIPPLE HAND TIGHT. TIGHTEN ONE FULL TURN PAST HAND TIGHT . . . NO MORE.
- STEP 7** COVER END OF PIPE NIPPLE WITH MASKING TAPE. APPLY SEALANT ON ACTUATOR CAP SURFACE AROUND PIPE NIPPLE, SCREW HOLES, AND CABLE. FEED SHIELDED CABLE THROUGH 5/16" HOLE AND SECURE ACTUATOR CAP TO TRANSOM WITH MOUNTING SCREWS. GRASP CYLINDER WITH BOTH HANDS AND TIGHTEN (CLOCKWISE) SECURELY.
- STEP 8** INSIDE TRANSOM, WRAP TEFLON TAPE AROUND MALE THREADS OF PIPE NIPPLE PROTRUDING FROM INSIDE OF TRANSOM. HOLD PIPE NIPPLES STATIONARY WITH VISE GRIPS AND ATTACH 90 DEGREE ELBOW. RE-ATTACH HYDRAULIC TUBING BY TIGHTENING NUT WITH A 1/2" WRENCH.
- STEP 9** CONNECT NEW SHIELDED CABLE AND TEST ACTUATOR AND INDICATOR BEFORE LAUNCHING BOAT.



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