

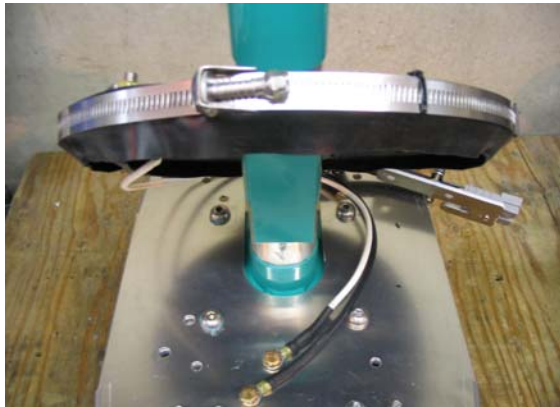
# J&J Service Instructions

January 5, 2005

## Flex Wire Replacement



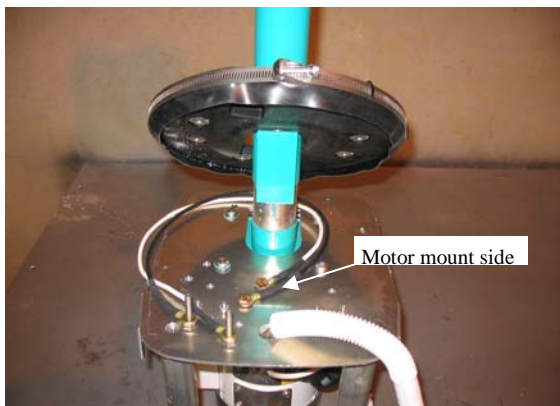
- Remove pivot assembly bracket. See Bushing Replacement Section.



- Remove cable assembly.
- Lift and rotate UHMW plate up over the steering stop. This will help to further disassemble.



- Remove flex wire assembly.
- Inspect fiber washer as they act as a insulator for the flex wires. If they look compressed or show signs of material loss replace or heat damaged.



- Tighten the flex wire assembly by first starting with the motor mount side first. Torque to 40-50 in. lbs.
- Note the routing of the cables.

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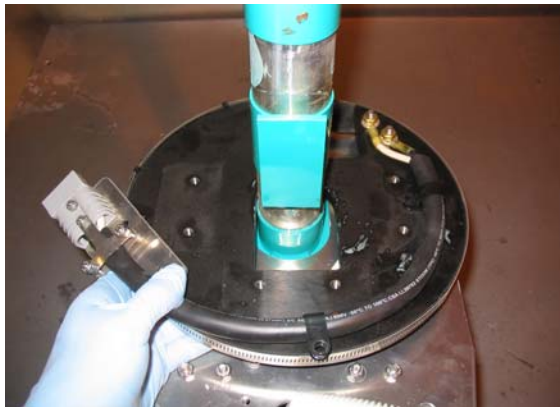
## Flex Wire Replacement



- Install flex wire to UHMW Plate.



- Install power lead assembly.
- Tighten to nut, star washer 40-50 in. lbs.



- Rotate UHMW plate 180 degrees.
- Check routing of flexwire to make sure they do not bind.



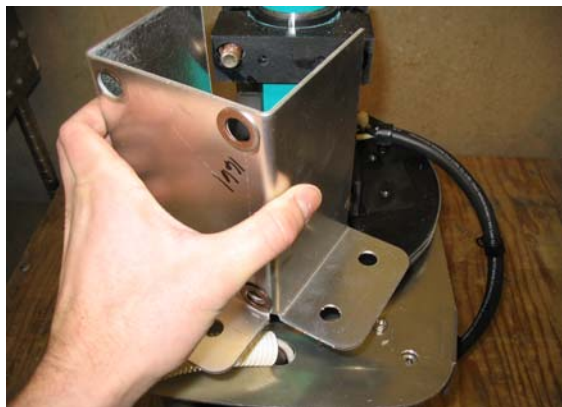
- Install pivot bracket.

**▲ TECH TIP** To help hold the drive shaft housing bushings place a small dab of marine grease on the backside of bushings. Install pivot bracket.

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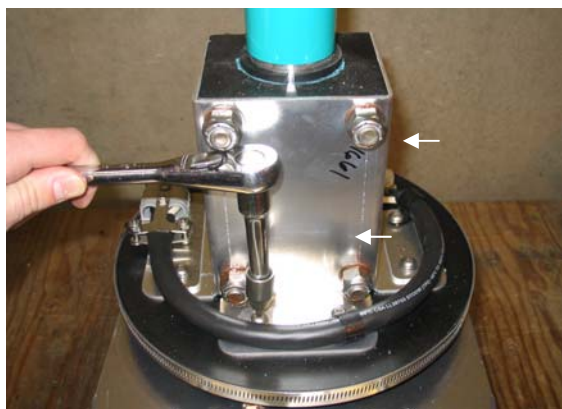
## Flex Wire Replacement



- Place pivot shield back onto motor assembly.



- A copper anti seize must be applied to the pivot bracket studs. Lightly torque (20 ft. lbs.) the pivot bracket nuts. If over tightened binding of the pivot assy. may occur.



- Finish by installing the allen cap headed screws.
- Make to have the motor power cable clamps in the correct position. (indicated by arrows)

### Parts

<u>Part #</u>	<u>Description</u>
2-70-A0015	Wire, Flex Assy Positive White
2-70-A0016	Wire, Flex Assy Negative Black