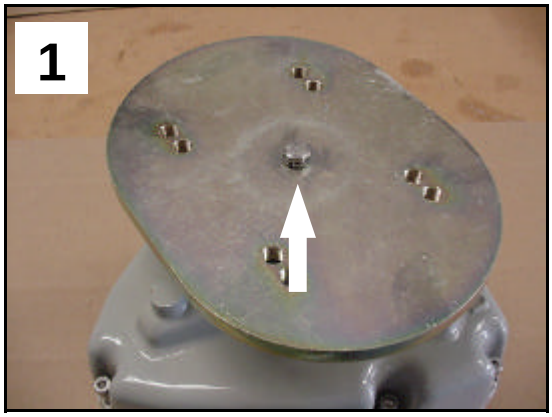
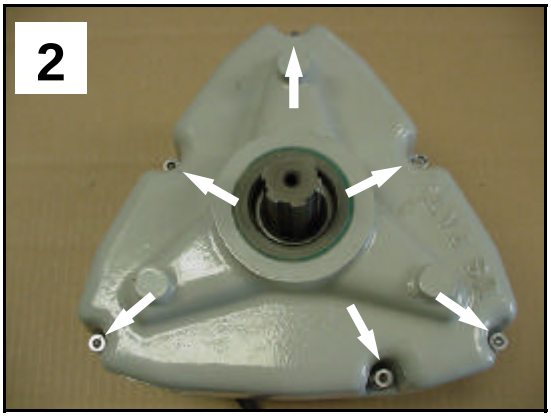
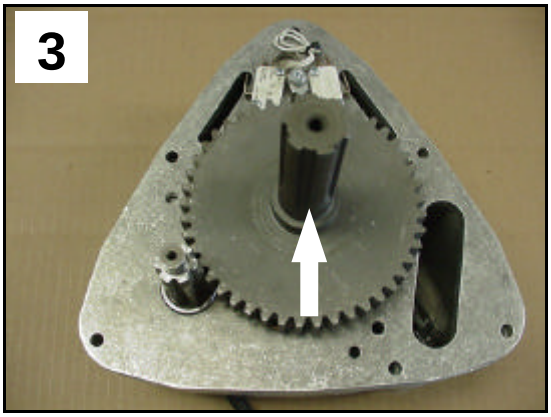
OR2800PDC REED SWITCH REPLACEMENT



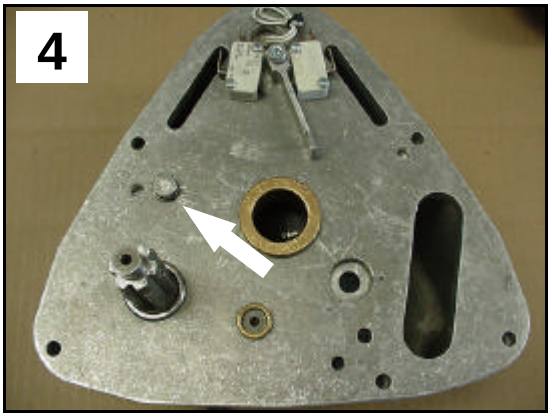
Remove the 1/4-20 Bolt with a 7/16 open end wrench or a socket. Remove top plate and set aside.



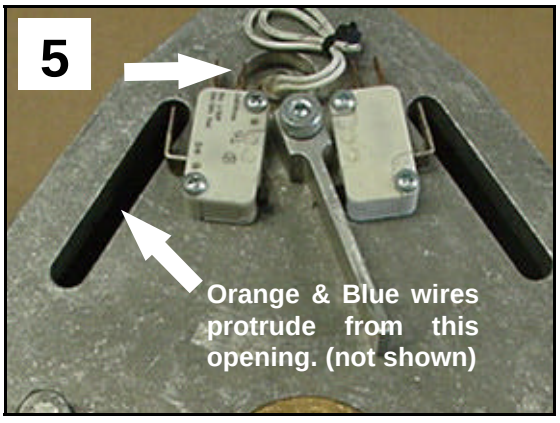
Now remove the (6) 1/4-20 internal hex bolts from the top casting. Remove top casting and set aside.



Remove Gear #1 by lifting the splined shaft up and set aside.

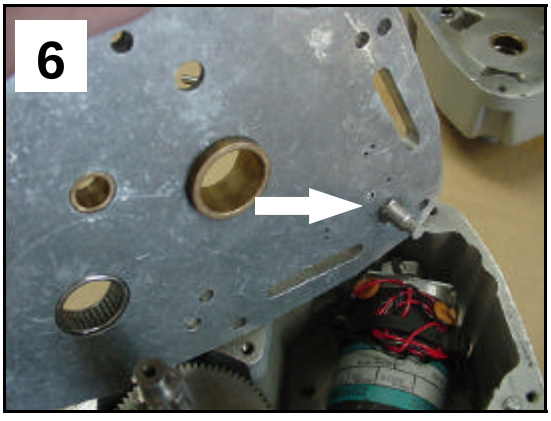


Remove the 1/4-20 Bolt with a 7/16 open end wrench or a socket.



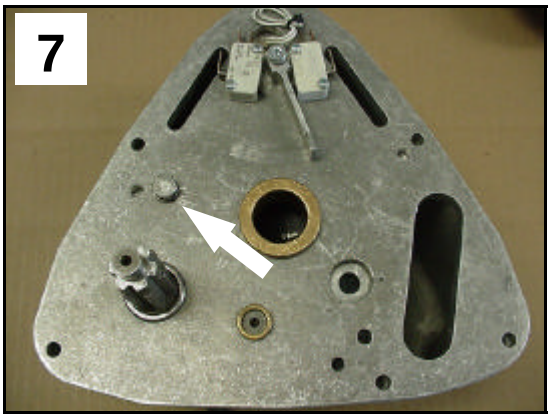
The reed switch is located at the top of the limit switches. The switch is tied in with the Orange & Blue wires coming from the bottom casting (not shown in picture)

***NOTE – If your reed switch in your rotator does not appear to be the same as the unit sent to you, you will need to send your unit in for a upgrade.**

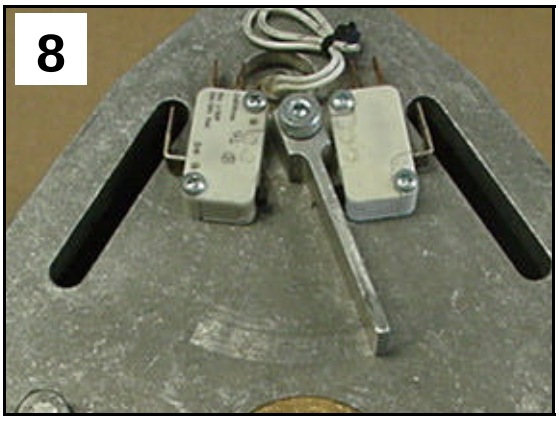


Using a flat blade screwdriver, pry the torque plate away from the bottom casting. You should now be able to see the reed switch protruding from the bottom of the torque plate. Measure the distance from the bottom of the torque plate to the end of the reed switch. This will be important information, as you will need to install the new reed switch and use the same spacing.

REPLACEMENT CONTINUED….

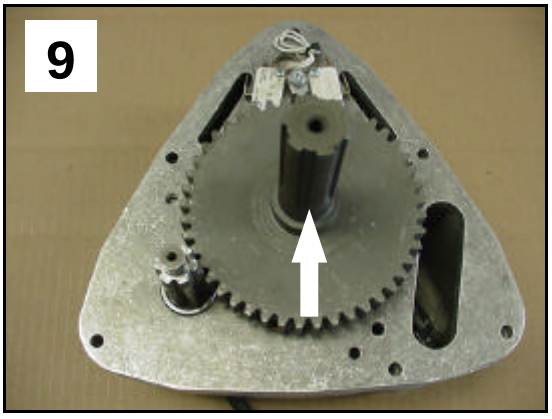


Once the new reed switch is installed, put the torque plate back onto the bottom casting and tighten the 1/4-20 bolt. Be very careful of the wires under the torque plate, as you can crimp them in between the two surfaces and cause more problems later.

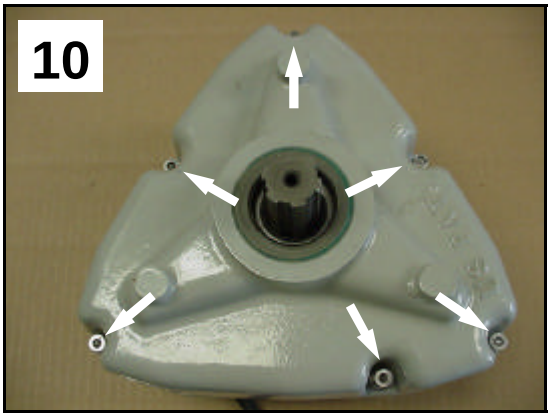


Trim the reed switch wires to 4". Solder the connection of the Orange & Blue wires and cover with shrink tube or electrical tape.

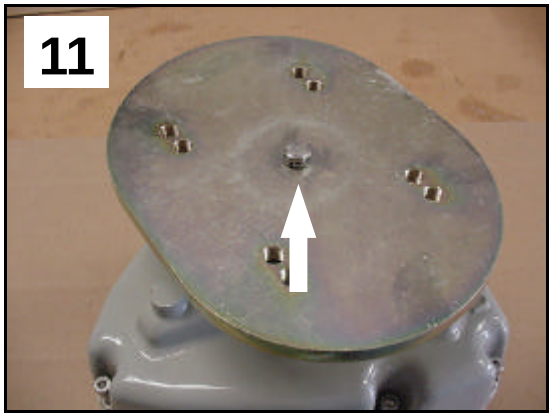
You can now test your control box with the rotator to verify the reed switch is working properly.



Once you are confident that the reed switch is working properly, reinstall the Gear #1 and shaft back into the torque plate. The position of the Gear #1 is not critical at this point. Once the unit is completely assembled, you can refer to your manual for calibration.



Install the (6) 1/4-20 internal hex bolts into the top casting and tighten.



Intall the 1/4-20 Bolt with a 7/16 open end wrench or a socket. Make sure that this bolt is nice and tight.

12 It is now time to calibrate your unit. Please refer to your users manual.

Run your final test with your rotator and controller on the bench before reinstalling it back into your tower.

If you have any questions regarding the installation of a new reed switch, please contact by phone at 559-432-8873.

PARTS LIST:	**QTY**
Switch, Reed Style	**1**
Shrink Tube, 3/16" x 1"	**2**
Nylon Tie, 4"	**1**

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