Proximity Switch Test and Adjustment

1. Press the “physical” yellow button on the control panel to wake the screen
2. In “**Settings**” Turn Auto “**Off**”
3. Go to **“Scenarios”** press **“Enter”** picture 1
4. Go to **“PARK”** press **“Enter”** picture 2
5. please write down the values as they appear on the screen picture 3

   ZN sar/sae : ____/____

   AZ sar/sae : ____/____
6. The “**sae**” values, one for each motor (seen as “**68**” and “**81**”) See Picture 3 The target should be **70** ± **5** and should not exceed **85**. A low number means the switch is positioned too far away, a higher number means the switch is positioned too close, See page 2 for more information about switch adjustment.
7. If values are within tolerance, repeat the “**PARK**” scenario a few times to see if numbers go outside of tolerance
8. Return instrument to Auto mode

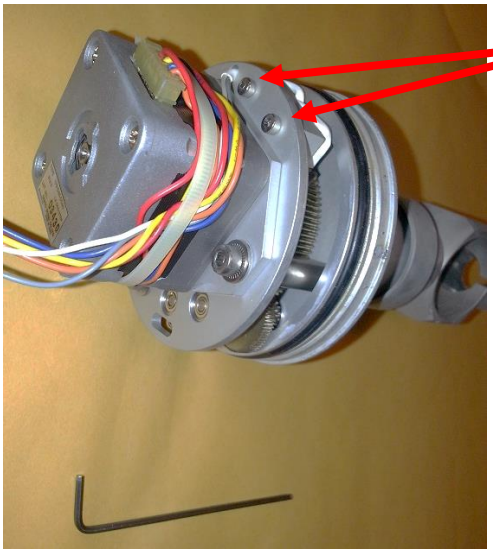
Robot Motor Identification and Removal

IMPORTANT: wires are not very long inside housing and pulling with force may damage them

Step 1
Remove the cap on motor housing and push some of the robot cable into the housing for slack to prevent the connection inside from being damaged

Step 2
Remove the 3 screws on the ZN housing or 6 screws on the AZ housing with a 2mm hex wrench and gently remove housing from motor assembly

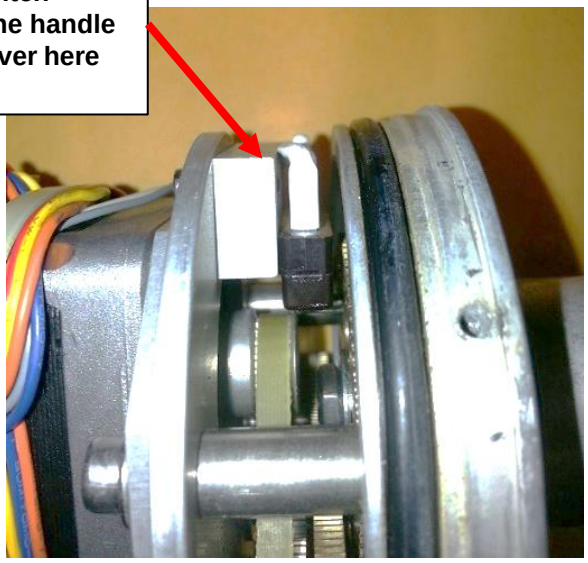
- Inspect the timing belt while the cover is off for damage.
- If the switch needs to be adjusted, it is very sensitive and only needs to move slightly in either direction to correct the values



Slightly loosen the 2mm screws

If the number is below 65

And tap lightly on the aluminum switch holder with the handle of a screwdriver here and re-test



If the number is above 85

Pry away here and re-test