

Proximity Switch Replacement Details

FOLLOW RECOMMENDED SAFETY PROCEDURE BEFORE COMMENCING WORK ON NCRT

- For details of the ZRN device and operation please refer to the NCRT manual
- Drain oil through the drain port on the base of the casting until it falls below the sight glass
- Remove the motor case
- Disconnect the old proximity switch out of the connector or terminal rail.
- Connect the new proximity switch and test it by moving it close to the casting. The back of the switch should change state when the switch is within sensing range.
- Remove the old proximity switch by taking out the Philips head screw securing the switch housing.
- Use needle nose pliers to pull out the old proximity switch and housing. Enough force is required to overcome the O-ring seal on the housing.
- When the old proximity switch and housing are removed measure and note the exact distance that the switch is screwed into the housing.
- Unscrew the old switch from the housing.
- Screw the new switch into the housing and match the exact position of the old switch. If the switch is set too far away from the dog it will not function, if it is too close it will crash with the dog.
- Secure the new switch in place with the lock nut
- Push the housing and new switch into the casting and secure in place with the Philips head screw.
- Make sure that all the cable connectors are securely together.
- Test that the table zero return function is working correctly.
- Put the motor case back on.
- Fill the table with oil until it is on the sight glass.