

**SID ROTARY MODEL S-40100
PROBE CABLE ASSEMBLY
REPLACEMENT INSTRUCTIONS**

REMOVE OLD PROBE CABLE

- power SID Rotary <OFF>
- remove drum cable clamp and unspool probe cable from drum
- remove the four drum mount screws
- separate drum from disc
- remove drum o-ring
- locate X5-connector on axle block assembly (figure-1)
- pull probe wires to demate pins from X5-connector (figure-2)
- remove probe cable from disc passage

INSTALL NEW PROBE CABLE

- remove X5-connector mount and screws
- route new cable thru disc passage
- use needle-nose pliers and insert each probe wire pin in X5-connector terminal (table-1)
- install connector mount with screws
- verify wire pins are not contacting each other

INSTALL DRUM

- position o-ring in disc channel
- install drum on disc (align keyway)
- install the four drum mount screws
- verify drum and disc mate is flush

FUNCTIONAL TEST

- press controller POWER button
- place finger between probe sensors
- verify controller INTERFACE lamp illuminates
- power SID off

PROBE STOWAGE

- spool probe cable on drum
- secure probe cable on drum with cable clamp

COMPLETE

NOTE
Contact RAVEN if technical assistance required
Phone: 800-545-6953

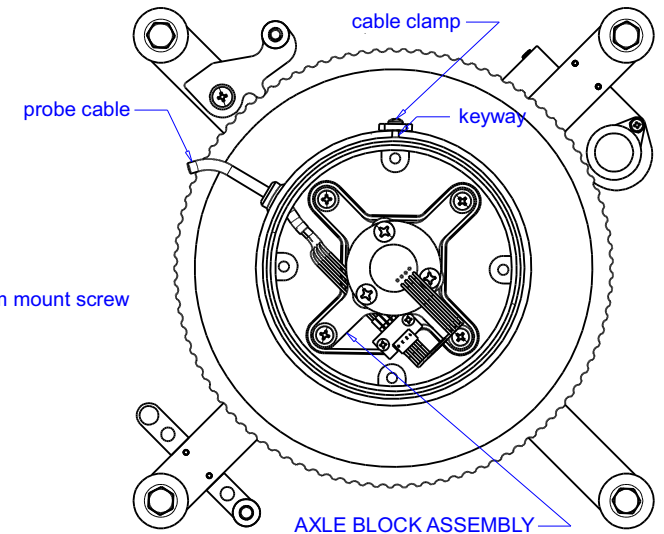
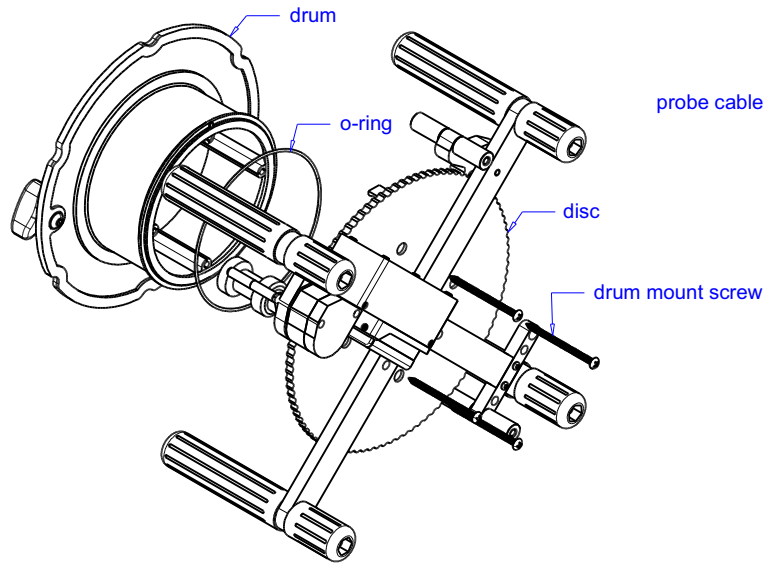


TABLE-1

probe pin wire color	X5 connector wire color	X5 connector terminal #
brown	brown	1
blue	green	2
white	yellow	3
black	black	4

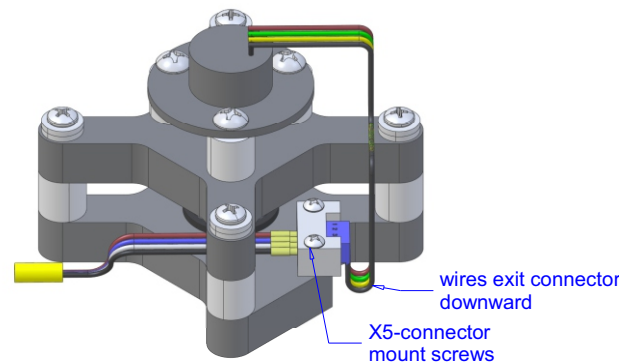


FIGURE-1

AXLE BLOCK ASSEMBLY
(disc not shown for illustration)

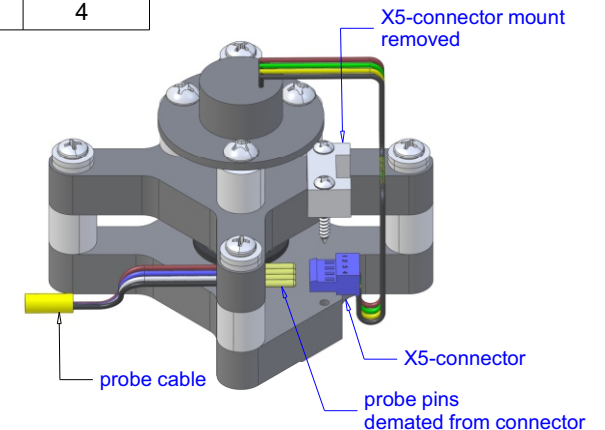


FIGURE-2



Replacement Instructions:
Gen2 Sensor and cable part RP-40100
For Gen2 Rotary Sludge Interface Detector S-40100.