In-Situ Inc.

Information Sheet

Using the RuggedCable® System

TWIST-LOCK CABLE CONNECTIONS
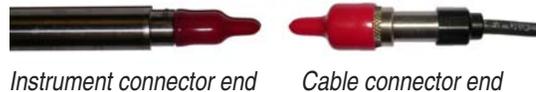
ALWAYS REMEMBER!

- Before using your cables, make sure that the connector end of your instrument has a greased o-ring that is in good condition (not cracked or sheared).
- Before using your cables, make sure that each cable end contains a gasket. This ensures a secure connection with the instrument.
- Cables can be sheared off by heavy machinery or the careless use of cutting tools. Pay attention!

1. Remove the protective caps from the instrument connector end and cable connector end.

Instrument connector end   *Cable connector end*
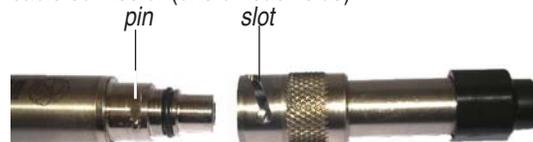
✓ *TIP: Retain the dust caps to protect the pins and o-ring from damage when cable is not attached.*

2. Take a moment to look at the connectors. Each has a flat side.

Flat   *Flat*

Instrument   *Cable*

Note the pins on the body connector (one on each side) and the slots on the cable connector (one on each side).

pin   *slot*

3. Slide back the sleeve on the cable connector.

4. Orient the "flats" so they will mate up, and insert the instrument connector **firmly** into the cable connector.

Instrument   *Cable*

5. Slide the sleeve on the cable toward the instrument body until the pin on the body pops into the round hole in the slot on the cable connector.

Instrument   *Cable*

6. Grasp the knurled (textured) section of the cable connector in one hand and the instrument body in the other. Push and twist firmly so that the pin on the body connector slides along the slot on the cable connector and locks securely into the other hole.

Instrument   *Cable*

Be sure you hear the "click." The "click" ensures the cable is securely attached.

Attaching a TROLL® Com Device

1. To attach a Cable Connect TROLL Com, first remove the desiccant from the cable by grasping the knurled (textured) section of the cable connector in one hand and the desiccant in the other. Twist in opposite directions to unlock the desiccant from the cable.

2. Orient the "flats" so they will mate up, and insert the TROLL Com connector firmly into the cable connector.

3. Push, twist, and click to lock.

CABLE CARE AND MAINTENANCE KIT (#0084150)
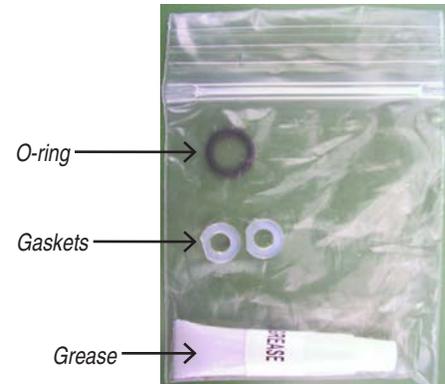**(Included with your RuggedCable® system)**

Over time, o-rings and gaskets may become dry, cracked, or otherwise damaged. Replace instrument o-rings and cable gaskets periodically to ensure a long life for your cable and instrument.

1. Remove and discard the old o-ring on the connector end of the instrument.

2. Rub a small amount of grease between your fingers and apply it to the new o-ring. Avoid getting dust or dirt on the o-ring. Install the new o-ring on your instrument.

3. Use a pointed, but not sharp object, such as the end of a paper clip, to remove the gaskets from each end of the cable.

4. Insert the new gaskets into the cable connector. Push them in with a blunt object, such as the rounded end of a paper clip. Make sure that the flat side of the gasket aligns with the flat side inside the connector.
DO NOT LUBRICATE THE GASKET!

O-ring
Gaskets
Grease

Gasket in place   *Pull out gasket*   *Push in gasket*
                                                       Make sure flat sides align.