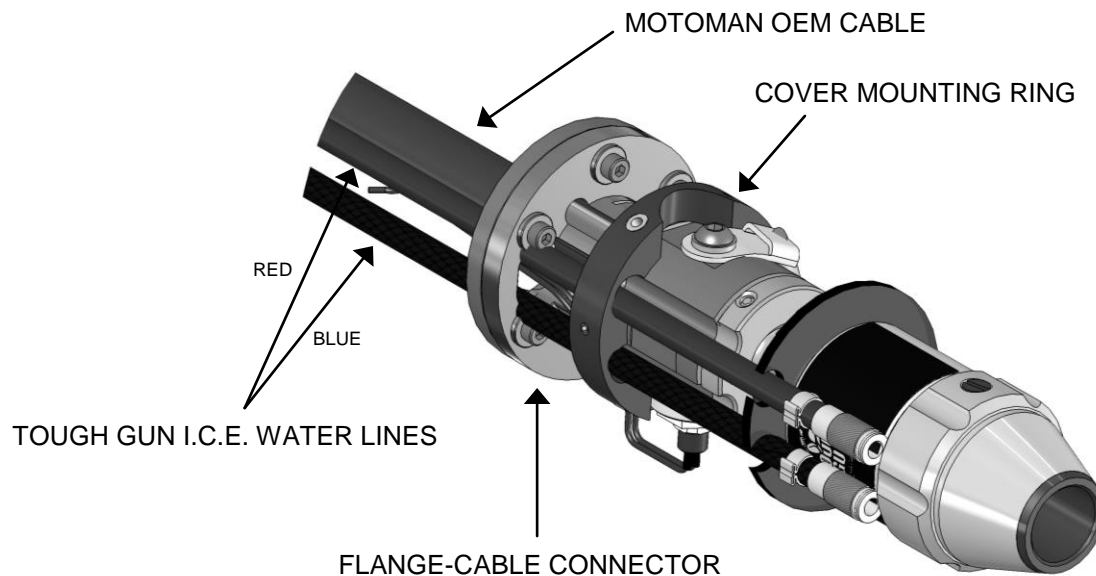# TECHNICAL GUIDE ADDENDUM
TOUGH GUN™ ThruArm™ G2 Series
TOUGH GUN I.C.E.™ Neck Installation
for Motoman® Robots

TOUGH GUN I.C.E. INSTALLATION

NOTE: Tregaskiss LSR Unicable not available for TOUGH GUN I.C.E Gun assemblies. Motoman OEM unicables MUST be used for TOUGH GUN I.C.E. installations.
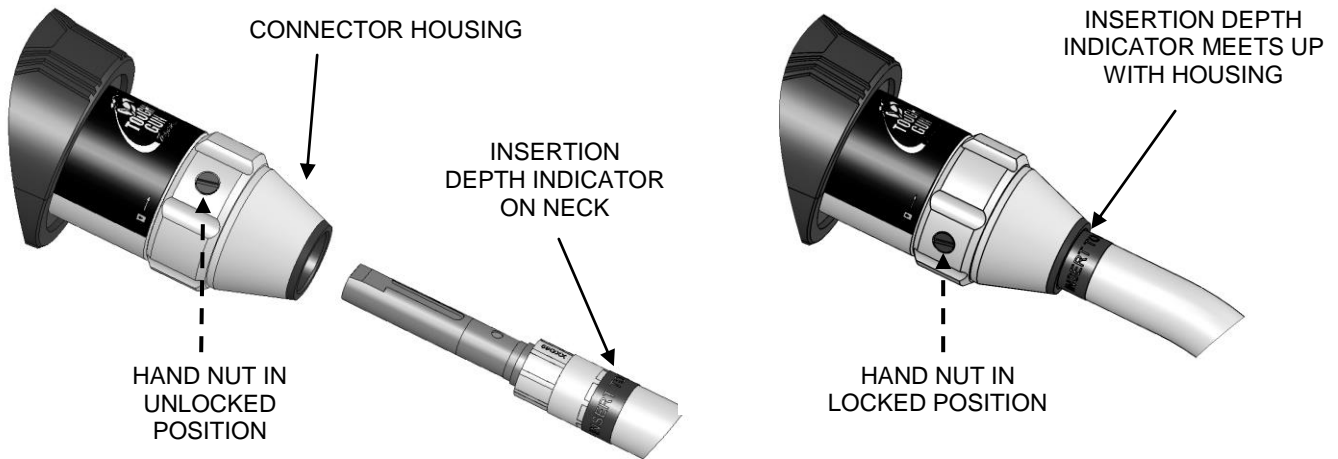
- Pull the red and blue water lines through the Flange-Cable Connector and Cover Mounting Ring as shown.

MOTOMAN OEM CABLE

COVER MOUNTING RING

RED

BLUE

TOUGH GUN I.C.E. WATER LINES

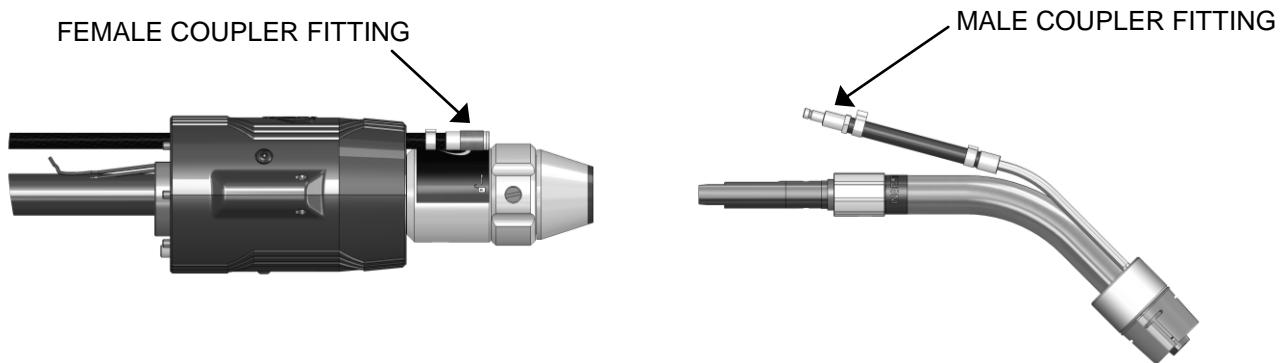FLANGE-CABLE CONNECTOR

INSTALLING NECK / NECK REPLACEMENT

IMPORTANT! Remove consumables (i.e. retaining head, nozzle and contact tip) before installing neck. Failure to do so with result in improper installation.

- Twist the hand nut clockwise to UNLOCK. **IMPORTANT**: To prevent damage to the neck, ensure that the hand nut is always in the UNLOCK position when inserting a neck.
- Insert the neck into the connector housing. **IMPORTANT**: The neck is fully inserted only when the neck bottoms out and the insertion depth guide (INSERT TO HERE) on the neck meets up with the connector housing.
- Release the hand nut allowing it to return to the LOCKED position. **IMPORTANT**: Do not release the hand nut unless the neck has been fully inserted or damage to the neck may result.

CONNECTOR HOUSING

INSERTION DEPTH INDICATOR MEETS UP WITH HOUSING

INSERTION DEPTH INDICATOR ON NECK

HAND NUT IN UNLOCKED POSITION

HAND NUT IN LOCKED POSITION

TOUGH GUN I.C.E. NECK INSTALLATION

- Remove and install neck (as per instructions above).
- Connect neck male coupler fitting to water line female coupler fitting.

FEMALE COUPLER FITTING

MALE COUPLER FITTING

FOR ADDITIONAL TECHNICAL DATA:

For additional Technical Data, including installation, maintenance, neck dimensions, options, accessories and troubleshooting, please visit the Technical Support section of the Tregaskiss website at www.tregaskiss.com.