



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE FANUC M10iA ROBOT

PRIOR TO INSTALLING THE ROBOSUIT, CLEAN THE ROBOT SURFACE IF THE ROBOT HAS BEEN IN OPERATION WITHOUT ANY EFFECTIVE PROTECTION.

1. REMOVE FORK LIFT PICK POINTS, IF STILL ATTACHED TO THE ROBOT
2. DISCONNECT ANY ATTACHMENTS THAT WILL INTERFERE WITH INSTALLATION. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED. VALVE PACKS AND EXTERNAL CONNECTIONS MUST BE REMOVED AND RE-CONNECTED THROUGH THE SUIT.
3. MOVE THE ARM TO ITS "HOME" POSITION.
4. EACH SUIT IS MADE UP OF THREE (3) PIECES; WRIST/UPPER ARM, SHOULDER AND LOWER ARM. IDENTIFY THEM AND OPEN ALL ZIPPERS AND VELCRO SEAMS.
5. IF YOU HAVE AN OPTIONAL STATIONARY BASE COVER, INSTALL IT BEFORE PROCEEDING
6. INSTALL THE WRIST/UPPER ARM PIECE WITH THE VELCRO SEAM FACING DOWN. ALIGN AND CLOSE THE VELCRO FOLDS. SECURE THE WRIST CUFF BEHIND THE TOOL FLANGE AND IN FRONT OF JOINT 4 WITH THE SUPPLIED CLAMPS. THE SIDE "GOOSENECK" CAN BE USED FOR CABLE EGRESS OR IT MAY BE CLAMPED CLOSED IF NOT REQUIRED FOR YOUR APPLICATION.
7. INSTALL THE SHOULDER PIECE WITH THE CABLE COVER "GOOSENECK" ON TOP ORIENTED TOWARD THE MATCHING VELCRO ON THE LOWER ARM PIECE (STEP 8). MAKE SURE THE JOINT 3 SLIP RING CLEARS THE HARD STOP, CLOSURES AROUND J3, AND FREELY ROTATES. THE SLIP RING AT JOINT 4 ENGAGES THE J4 RING ON THE UPPER ARM. CONNECTIONS TO THE ROBOT CAN BE MADE THROUGH THE ARM, SHOULDER AND FRONT IF "CROSSHAIR" CUTS ARE CAREFULLY MADE TO THE VELCRO ATTACHED ACCESS PANELS OR THROUGH THE REAR CABLE ENTRY "GOOSENECK." CLAMP THE "GOOSENECK" CLOSED IF NOT USED.
8. INSTALL THE LOWER ARM. LOCATE THE JOINT 3 OPENING AND BEGIN INSTALLATION FROM THIS POINT. THE SHOULDER RING ENGAGES THE LOWER ARM "DONUT" OPENING. CLOSE THE ZIPPER AND VELCRO SEAMS AT THE CABLE GOOSENECK AND AT THE JOINT 2 BELLOWS. NOTE: THESE FOLDS AT THE WAIST (J2) ARE STABILIZED WITH ELASTIC CORD. ADJUST IF REQUIRED.
9. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD.