



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE FANUC S800 ROBOT

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

1. DISCONNECT ANYTHING THAT WILL INTERFERE WITH INSTALLATION. NORMALLY, END-OF-ARM TOOLING DOES NOT INTERFERE.
2. OPEN EACH PIECE'S ZIPPER, VELCRO AND/OR SNAP.
3. INSTALL THE LOWER ARM PIECE FIRST. DRAPE IT OVER THE TOP OF THE ROBOT. ENSURE THE BELLOWS (ACCORDIAN-STYLE FOLDS IN THE SUIT) ARE PROPERLY ORIENTED ALONG THE ROBOT'S SIDE. ZIPPER THE LOWER-ARM CLOSED. LOOP THE BELT AROUND THE BOTTOM OF THE LOWER ARM. INSTALL THE GLASS RODS ON EACH SIDE OF THE SUIT. START AT THE ROD LOOP AND PUSH EACH ROD INTO THE ROD END POCKETS LOCATED BELOW THE BOTTOM BELLOW FOLD.
4. INSTALL THE UPPER ARM PIECE NEXT. POSITIONING THE TOOL FLANGE PERPENDICULAR TO THE ARM WILL FACILITATE INSTALLATION. ****NOTE: THE UPPER ARM PIECE OVERLAYS THE LOWER ARM PIECE.** DRAPE THE UPPER ARM OVER THE ROBOT WITH THE ZIPPER FACING DOWNWARD. CLOSE THE ZIPPER, AND SNAP THE ZIPPER BUTTON. CLAMP THE UPPER ARM PIECE BEHIND THE TOOL FLANGE. ENSURE THAT THE CLAMP DOESN'T INTERFERE WITH TOOL-FLANGE ROTATION. TAKE CARE NOT TO CLAMP THE TWO SUIT PIECES TOGETHER.
5. ATTACH ALL TOOLING AND RECONNECT ELECTRIC/PNEUMATIC LINES. VELCRO PANELS HAVE BEEN INCORPORATED TO ACCESS THE ROBOT WHERE ATTACHMENTS MAY BE MADE. CAREFULLY CUT "CROSS-HAIR" INCISIONS INTO EACH (AS NEEDED) FOR BOLTS OR CONNECTORS.
6. CLEAR THE CELL OF ANY TOOLS, LADDERS AND OBJECTS.
7. SLOWLY MOVE THE ROBOT ONE AXIS AT A TIME BEGINNING WITH THE TOOL FLANGE (AXIS 6) AND ENDING AT THE BASE (AXIS 1) WHILE CHECKING FOR FIT PROBLEMS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD