



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KUKA KR 16 ROBOT

PRIOR TO INSTALLING THE ROBOSUIT™, CLEAN THE ROBOT SURFACE IF THE ROBOT HAS BEEN IN OPERATION WITHOUT ANY EFFECTIVE PROTECTION. DISCONNECT ANYTHING THAT WILL INTERFERE WITH INSTALLATION. MOVE THE ARM TO ITS "HOME" POSITION. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED. VALVE PACKS AND

EXTERNAL CONNECTIONS MUST BE REMOVED AND RE-CONNECTED THROUGH THE SUIT

EACH SUIT IS MADE UP OF THREE (3) PIECES; WRIST, SHOULDER/UPPER ARM AND LOWER ARM/BASE. IDENTIFY THEM AND OPEN ALL ZIPPERS AND VELCRO SEAMS. (NOTE: THERE IS AN OPTIONAL FOURTH PIECE FOR THE STATIONARY BASE.)

1. INSTALL THE LOWER ARM/BASE PIECE. CLOSE THE ZIPPER AND VELCRO SEAMS. (NOTE: THE FOLDS ARE STABILIZED WITH ELASTIC ROPE. ADJUST AS REQUIRED.) LEAVE THE J3 CUFF OPEN UNTIL THE SHOULDER PIECE J3 CUFF IS CLOSED. THE LOWER ARM OVERLAPS THE SHOULDER AT JOINT-3.
2. INSTALL THE SHOULDER/UPPER ARM PIECE WITH THE CABLE COVER IN PLACE TO BE ATTACHED TO THE MATCHING VELCRO ON THE LOWER ARM/BASE PIECE. MAKE SURE THE JOINT 3 COLLAR UNDERLAYS THE LOWER ARM PIECE AND THE UPPER ARM COVERS JOINT 4. CLOSE THE LOOP TAB UNDER JOINT 3 AND CLOSE THE UPPER ARM AND SIDE ZIPPERS. CONNECTIONS TO THE ROBOT CAN BE MADE THROUGH THE ARM, SHOULDER AND FRONT PANELS IF "CROSSHAIR" CUTS ARE CAREFULLY MADE.
3. INSTALL THE WRIST PIECE WITH THE VELCRO ON THE BOTTOM OR TOP. ALIGNE AND CLOSE THE VELCRO FOLDS. SECURE THE WRIST CUFFS BEHIND THE TOOL FLANGE AND IN FRONT OF JOINT 4 WITH THE SUPPLIED CLAMPS (OPTIONAL). DO NOT CLAMP THE WRIST CUFF AT JOINT 4 TO THE LINEAR ARM SUIT PIECE.
4. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD