



ROBOSUIT® INSTALLATION INSTRUCTIONS FOR THE MOTOMAN ES165 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.

OPEN ALL ZIPPERS AND VELCRO SEAMS AND REMOVE THE LIFTING EYE BOLTS.

EACH SUIT IS MADE UP OF THREE (3) PIECES. UPPER ARM/WRIST, LOWER ARM AND SHOULDER

1. INSTALL THE UPPER ARM/WRIST PIECE WITH THE ZIPPER POSITIONED ALONG THE UNDERSIDE (BOTTOM) OF THE UPPER ARM. ALIGN AND COMPLETELY CLOSE THE VELCRO SEAMS. ZIPPER CLOSED. CLAMP THE CUFF AT J6. THE SHOULDER PIECE WILL OVERLAP THE UPPER ARM PIECE. SECURE THE WRIST CUFF BEHIND THE TOOL FLANGE WITH A SUPPLIED CLAMP
2. INSTALL THE LOWER ARM PIECE NEXT. THIS IS THE LARGEST PIECE, AND FEATURES A NYLON BELT NEAR J1. AFTER SNUGGING THE BELT AT THE BOTTOM, YOU MAY CUT OFF EXCESS BELT LENGTH, AND SEAR THE EXPOSED/CUT EDGE). JOG J3 FORWARD TO FACILITATE INSTALLATION. CLOSE THE ZIPPERS AND VELCRO SEAMS. ENSURE NO EXCESS BELT MATERIAL HANGS NEAR J1.
3. INSTALL THE SHOULDER PIECE. POSITION SO THAT IT OVERLAPS THE MATCHING JOINT ON THE LOWER ARM PIECE. MAKE SURE THE JOINT 3 COLLAR OVERLAPS THE LOWER ARM PIECE.
4. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD