



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE MOTOMAN SV-SERIES 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. NORMALLY, END-OF-ARM TOOLING DOESN'T INTERFERE.

1. MOVE THE ROBOT TO THE "HOME" POSITION.
2. OPEN ALL SUIT ZIPPERS AND VELCRO SEAMS.
3. INSTALL THE LOWER ARM. MAKE SURE THE BELLOWS (ACCORDIAN-STYLE FOLDS IN THE SUIT) ARE PROPERLY ORIENTED. IF YOUR SUIT HAS A BELT, LOOP THE BELT AROUND THE BOTTOM (OPTIONAL).
4. INSTALL THE UPPER ARM. POSITION THE TOOL FLANGE PERPENDICULAR TO THE ARM. ORIENT THE UPPER ARM COVER SO THAT THE ZIPPER RUNS ALONG THE BOTTOM OF THE UPPER ARM. CLAMP THE UPPER ARM PIECE BEHIND THE FLANGE. MAKE CERTAIN THE CLAMP DOESN'T INTERFERE WITH FLANGE ROTATION. THE UPPER ARM PIECE OVERLAYS THE LOWER ARM PIECE AND WILL ROTATE WITH THE UPPER ARM. THE UPPER ARM PIECE CAN ALSO BE CLAMPED APPROXIMATELY 4-INCHES IN FRONT OF THE "R" AXIS. CLOSE THE ZIPPER AND SNAP THE BUTTON CLOSURE.
5. ATTACH TOOLING AND RECONNECT ANY ELECTRIC/PNEUMATIC LINES THAT WERE DISCONNECTED. VELCRO PANELS HAVE BEEN INCORPORATED TO ACCESS INTEGRATED CONNECTIONS. CAREFULLY CUT "CROSSHAIR" INCISIONS AS REQUIRED FOR YOUR (SPECIFIC) NEEDS.
6. ENSURE THE UL LIGHTS ARE VISIBLE, AND THAT THERE ARE NO OBJECTS WITHIN THE ROBOT'S WORK ENVELOPE. MOVE THE ROBOT SLOWLY THROUGH ITS ENTIRE RANGE OF MOTION BEFORE PUTTING IT INTO PRODUCTION.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD