



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE ABB IRB2000 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.

1. OPEN ALL ZIPPERS.
2. INSTALL THE LOWER ARM PIECE FIRST. MAKE SURE THE BELLOWS (FOLDS IN THE SUIT) ARE IN PROPER POSITION AND THAT THE VELCRO PADS INSIDE THE SUIT PIECE ARE RESTING ON THE TWO GEAR BOX COVERS. REMOVE THE PAPER FROM THE VELCRO ADHESIVE SURFACE (LEFT AND RIGHT SIDE) AND PRESS FIRMLY TO THE CLEAN GEAR BOX COVERS. ZIPPER THE SUIT CLOSED AND CLAMP THE SUIT ABOUT TWO (2) INCHES BEHIND THE FOURTH (4TH) AXIS. USE A 9/32 INCH SOCKET/RATCHET DRIVE BUT DON'T OVER TIGHTEN THE CLAMP.
3. INSTALL THE UPPER ARM PIECE NEXT WITH THE ZIPPER ON THE BOTTOM OR SIDE. POSITIONING THE TOOL FLANGE PERPENDICULAR TO THE ARM WILL FACILITATE INSTALLATION. CLAMP THE UPPER ARM PIECE BEHIND THE FLANGE. THE UPPER ARM PIECE OVERLAPS THE LOWER ARM PIECE AND WILL
4. ROTATE WITH THE UPPER ARM. MAKE CERTAIN THE CLAMPS DON'T INTERFERE WITH ARM MOVEMENT.
5. REATTACH ALL TOOLING AND RECONNECT ALL ELECTRIC/PNEUMATIC LINES THAT WERE DISCONNECTED.
6. IF YOUR SUIT WAS CUSTOMIZED, VELCRO PANELS HAVE BEEN INCORPORATED TO ACCESS THE ROBOT. CAREFULLY CUT INTO THEM AS NEEDED.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD