



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KAWASAKI UX-SERIES 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.
2. MOVE THE ARM TO ITS HOME POSITION.
3. OPEN ALL ZIPPERS.
4. EACH SUIT IS MADE UP OF FOUR (4) PIECES PLUS AN OPTIONAL SKIRT FOR THE RISER. IF YOU HAVE FIVE (5) PIECES, PROCEED WITH STEP 5; OTHERWISE, BEGIN WITH STEP 6.
5. INSTALL THE RISER SKIRT WITH THE VELCRO PANEL REMOVED. PASS THE CABLES AND AIR LINES THROUGH THE "GOOSENECK" OPENING AND CONNECT TO THE ROBOT. CLOSE THE ZIPPER AND SECURE THE VELCRO PANEL.
6. INSTALL THE LOWER ARM PIECE. THIS IS THE LARGEST PIECE (JOINT 3 HAS A LARGER DIAMETER THAN THE CABLE CARRIER OPENING). CLOSE THE ZIPPERS.
7. INSTALL THE UPPER ARM PIECE. THIS IS THE PIECE WITH THREE VELCRO PANELS ON TOP OF THE ARM. ENSURE THAT THE JOINT 3 COLLAR OVERLAPS THE LOWER ARM PIECE. CLOSE THE SIDE ZIPPER.
8. INSTALL THE CABLE COVER. CLOSE THE ZIPPER AND SECURE THE VELCRO CUFFS AT EACH END. THE CABLE COVER MAY BE CLAMPED TO THE CARRIER AT EACH CUFF (IF DESIRED).
9. INSTALL THE WRIST PIECE. MAKE SURE THE PLASTIC "V" BELT IS OVERLAPPING THE ARM BELTS AT J4. LUBRICATE THE OVERLAP CHANNEL WITH WD-40 OR SILICONE. CLAMP THE WRIST OVERLAP ON BOTH SIDES OF J4. A NYLON ZIP TIE CAN BE USED TO KEEP SLIGHT PRESSURE ON THE "V" BELT AREA.
10. TIGHTEN THE NYLON BELT AROUND THE BASE.
11. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD.