



## **ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KUKA KR1000 ROBOT**

PRIOR TO INSTALLING THE ROBOSUIT™, CLEAN THE ROBOT SURFACE IF THE ROBOT HAS BEEN IN OPERATION WITHOUT ANY EFFECTIVE PROTECTION. REMOVE FORK LIFT PICK POINTS OR EYESCREWS, IF STILL ATTACHED TO THE ROBOT, AND DISCONNECT ANY ATTACHMENTS THAT WILL INTERFERE WITH INSTALLATION. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED. VALVE PACKS AND EXTERNAL CONNECTIONS MUST BE REMOVED AND RE-CONNECTED THROUGH THE SUIT. MOVE THE ARM TO ITS "HOME" POSITION.

OPEN ALL ZIPPERS.

EACH SUIT IS MADE UP OF THREE (3) PIECES PLUS AN OPTIONAL SKIRT FOR THE BASE. IF YOU HAVE FOUR (4) PIECES, PROCEED WITH STEP 1; OTHERWISE, BEGIN WITH STEP 2.

1. INSTALL THE SKIRT AROUND THE BASE AXIS AND SECURE THE VELCRO. BE SURE TO STAY BELOW THE JOINT. APPLY SUPPLIED VELCRO ONTO THE ROBOT, TO CORRESPOND TO THE MATING VELCRO ON THE TOP OF THE BASE COVER THE BASE COVER ALSO HAS OPTIONAL VELCRO ON THE BOTTOM. THAT IS USED WITH CUSTOMER DISCRETION.
2. INSTALL THE LOWER ARM PIECE. THIS IS THE LARGEST PIECE. APPLY SUPPLIED VELCRO STRIP AROUND J3 (CONSULT WITH THE ROBOSUIT(TM) TO SEE HOW THESE MATING PIECES WILL MATCH UP). MAKE SURE THE SURFACE IS CLEAN AND ALIGNED WITH THE MATING VELCRO PIECE SEWN INTO THE SUIT. CLOSE THE ZIPPER. TIGHTEN THE NYLON BECKLE BELT AROUND THE BASE
3. INSTALL THE UPPER ARM PIECE. MAKE SURE THE SUIT IS CAREFULLY SECURED AT J3. ACCESS PANELS FOR HOSE CONNECTIONS AND VALVE PACKS. CLOSE THE ZIPPER.
4. INSTALL THE WRIST PIECE WITH THE ZIPPER ON THE BOTTOM. APPLY SUPPLIED VELCRO PANELS ON EACH SIDE OF THE WRIST, BE SURE THE MATING VELCRO MATCHES UP WITH THE VELCRO ON THE INSIDE OF THE SUIT. CLOSE THE ZIPPER AND SECURE THE WRIST CUFF BEHIND THE TOOL FLANGE WITH A SUPPLIED CLAMP (OPTIONAL).
5. HOSE COVER HAS GUM RUBBER PANELS FOR CUSTOMER TO CUT THROUGH TO ALLOW FOR BRACKETS.
6. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD.

ROBOWORLD, LLC; 1 1-09