



### **ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE FANUC 4301 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. MOVE THE ARM TO ITS "HOME" POSITION.
2. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED. VALVE PACKS AND EXTERNAL CONNECTIONS MUST BE REMOVED AND RE-CONNECTED THROUGH THE SUIT
3. EACH SUIT IS MADE UP OF THREE (3) PIECES; WRIST, SHOULDER/UPPER ARM AND LOWER ARM/BASE. IDENTIFY THEM AND OPEN ALL ZIPPERS AND VELCRO SEAMS.
4. INSTALL THE WRIST PIECE WITH THE VELCRO ON THE BOTTOM OR TOP. ALIGN AND CLOSE THE VELCRO FOLDS. SECURE THE WRIST CUFFS BEHIND THE TOOL FLANGE AND IN FRONT OF JOINT 4 WITH THE SUPPLIED CLAMPS.
5. INSTALL THE LOWER ARM/BASE PIECE. MAKE SURE THE BALANCING UNIT IS ALIGNED WITH THE MATING SUIT PIECE. CLOSE THE ZIPPER AND VELCRO SEAMS. (NOTE: THE FOLDS ARE STABILIZED WITH ELASTIC ROPE. ADJUST AS REQUIRED.)
6. INSTALL THE SHOULDER/UPPER ARM PIECE WITH THE CABLE COVER IN PLACE. IT MATES TO THE CORRESPONDING VELCRO ON THE LOWER ARM/BASE PIECE. MAKE SURE THE JOINT 3 COLLAR OVERLAPS THE LOWER ARM PIECE AND UPPER ARM COVERS JOINT.
7. CLOSE THE UPPER ARM AND SIDE ZIPPERS. CABLE/ELECTRIC CONNECTIONS TO THE ROBOT CAN BE MADE THROUGH THE VELCRO PANELS. CUT "CROSSHAIR" INCISIONS WHERE NEEDED.
8. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD.