



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE FANUC R2000iB 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. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED. VALVE PACKS AND EXTERNAL CONNECTIONS MUST BE REMOVED. THESE WILL BE RE-CONNECTED THROUGH THE SUIT ONCE INSTALLATION IS COMPLETE.

MOVE THE ARM TO ITS “HOME” POSITION.

EACH SUIT IS MADE UP OF THREE PIECES: (1) WRIST, (2) LOWER ARM/BASE, AND (3) SHOULDER/UPPER ARM. IDENTIFY EACH, AND OPEN ALL ZIPPERS AND VELCRO SEAMS.

IF YOU ORDERED AN OPTIONAL STATIONARY BASE COVER, INSTALL IT NOW. MAKE SURE THE LIMIT SWITCH IS NOT DISABLED. THERE IS A POCKET IN THE BASE COVER FOR IT.

1. **INSTALL THE WRIST** PIECE WITH THE VELCRO SEAM FACING DOWNWARD. ALIGN AND CLOSE THE VELCRO FOLDS ALONG THE J5 BELLOWS. SECURE THE WRIST CUFFS BEHIND THE TOOL FLANGE AND IN FRONT OF JOINT 4 WITH THE SUPPLIED CLAMPS (OPTIONAL).

2. **INSTALL THE LOWER ARM** PIECE. MAKE SURE THE BALANCING UNIT IS ALIGNED WITH THE MATING SUIT PIECE. THE PLASTIC SLIP RING AT JOINT THREE MUST BE POSITIONED BETWEEN THE JOINT AND THE CABLE CLAMP ON THE SHOULDER FOR PROPER JOINT ROTATION. CLOSE ALL SEAMS, ZIPPERS AND PLASTIC RING.

3. **INSTALL THE SHOULDER/UPPER ARM** WITH THE CABLE COVER IN PLACE. NOTE THE MATCHING CABLE COVER LOCATION ON THE LOWER ARM PIECE. ENSURE THAT THE JOINT 3 PLASTIC SLIP RING OVERLAPS THE LOWER ARM RING FLANGE. THE UPPER ARM PORTION OF THE COVER OVERLAPS THE WRIST AT JOINT 4 (EITHER CUFF OR RING). CLOSE THE UPPER ARM ZIPPERS. NOTE: CONNECTIONS TO THE ROBOT MAY BE MADE THROUGH THE ARM, SHOULDER AND FRONT ACCESS PANELS (VELCRO ATTACHED). MAKE NECESSARY CUTS THROUGH THESE PANELS IF HARDWARE NEEDS TO PASS THROUGH.

4. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD AT ANY OF THE TELEPHONE NUMBERS BELOW, OR BY EMAIL AT INFO@ROBOWORLD.COM.

ROBOWORLD LLC; 03/10