



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KUKA KR SERIES 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, 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.

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

1. INSTALL THE WRIST/UPPER ARM PIECE WITH THE VELCRO ON THE BOTTOM OR TOP. ALIGN AND CLOSE THE VELCRO FOLDS. SECURE THE SUIT IN FRONT OF JOINT 4 WITH THE SUPPLIED CLAMP.
2. INSTALL THE SHOULDER PIECE BY STARTING AT THE SIDE SERVO MOTOR USING THE APPROPRIATE POCKET IN THE SUIT. THEN CONTINUE TO INSTALL THE SUIT AROUND THE SHOULDER. MAKE SURE THE JOINT 3 CUFF CLEARS (WITHOUT COVERING) THE HARD STOP AND THEN CLOSES AROUND J3 AND IS FREE TO ROTATE. IT OVERLAPS THE UPPER ARM COVER AT JOINT 4.
3. PRIOR TO INSTALLING THE LOWER ARM/ PIECE, REMOVE THE TWO FORKLIFT BRACKETS. IDENTIFY THE TWO VELCRO PANELS INSIDE THE SUIT * (1) AT TOP OF LOWER ARM AND (1) AT THE BACK OF BALANCING UNIT* BE AWARE OF THE LOCATIONS, THEN ATTACH THE ADHESIVE VELCRO ONTO THE ROBOT TO SECURE THE SUIT. INSTALL THE LOWER ARM PIECE WITH THE ZIPPER ALONG THE FRONT OF THE ROBOT. FIT THE SUIT AT THE SHOULDER FIRST, THEN FOLLOW DOWN THE LOWER ARM. USE THE SUPPLIED BAG TIE TO SECURE THE GOOSENECK AT THE TOP OF THE SHOULDER. SECURE THE MATING ADHESIVE BACKED VELCRO TO THE ROBOT AT THE APPROPRIATE SPOT TO ENSURE A GOOD SUIT FIT.
4. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD.