



## **ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KUKA KR5 (DENSO VS-6577G-B) 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. MOVE THE ARM TO ITS HOME POSITION.

OPEN ALL SEAMS.

EACH SUIT IS MADE UP OF THREE (3) PIECES PLUS AN OPTIONAL BASE COVER.

1. INSTALL THE BASE COVER BY PASSING THE CABLES AND AIR LINES THROUGH THE FLAP PROTECTED OPENING AND CONNECT TO THE ROBOT. CLOSE THE SEAM.
2. INSTALL THE UPPER ARM BY SECURING IT TO THE ROBOT USING THE ADHESIVE BACKED VELCRO INSIDE. THE VELCRO MUST BE ATTACHED TO THE PROTRUSION ON ONE SIDE AND THE FLAT SURFACE ON THE OPPOSITE SIDE. MAKE SURE THE PLASTIC RING SLOT IS ALIGNED WITH THE PROTRUSION AND IN FRONT OF JOINT 4. CLOSE THE SEAM AND CLAMP THE CUFF TO THE ARM WITH THE SUPPLIED CLAMP.
3. INSTALL THE SHOULDER PIECE. MAKE SURE THE PLASTIC COLLAR IS OVERLAPPING THE JOINT 4 UPPER ARM PIECE FLANGE. CLOSE THE SEAM.
4. INSTALL THE LOWER ARM PIECE. CLOSE THE VELCRO SEAM MAKING SURE JOINT 3 IS CONNECTED AND ALIGNED. THE SKIRT OVERLAPS THE OPTIONAL BASE COVER AT JOINT 1.

SLOWLY MOVE ALL JOINTS (1 THROUGH 6 @ 25% SPEED) WITH THE PENDANT IN JOINT MODE WHILE OBSERVING THE ARM FOR ANY SUIT JOINT MISALIGNMENT.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CALL ROBOWORLD.

ROBOWORLD LLC; 10/2008