



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE KR180-PA

IT IS RECOMMENDED THAT THE SUIT BE INSTALLED WITH THE ADHESIVE BACKED VELCRO ATTACHED TO THE SUIT. ONCE THE INDIVIDUAL SUIT PIECES ARE PROPERLY INSTALLED ON THE ROBOT, THE ADHESIVE SIDED VELCRO MUST BE ATTACHED TO THE ROBOT TO STABILIZE THE SUIT FOR HIGH SPEED OPERATION.

1. IF THERE IS A STATIONARY BASE COVER IN THE ORDER, INSTALL IT FIRST. SEE PHOTO 004.
2. INSTALL THE JOINT 3 SERVO MOTOR CAP. SEE PHOTO 006.
3. INSTALL THE UPPER ARM SECTION (PHOTO SEQUENCE 014, 015, 013 AND 012 SHOW THE PROPER METHOD). THE FLEXIBLE CONDUIT REMAINS INSIDE THE SUIT AND CAN BE ACCESSED USING THE TWO "GOOSENECK" PANELS. IF THE CONDUIT IS NOT USED, ATTACH THE SUPPLIED FLAT VELCRO PANELS. NOTE HOW THE JOINT-3 SERVO MOTOR CAP ATTACHES TO THIS PIECE.
4. INSTALL THE LOWER ARM SECTION. THE FLEXIBLE CONDUIT CLAMPS MUST FIRST BE REMOVED FROM THE ROBOT AND RE-ATTACHED THROUGH THE VELCRO PANELS IN THE SUIT PIECE. A "GOOSENECK" OPENING NEAR JOINT 2 ALLOWS THE CONDUIT TO EXIT THE SUIT PIECE. A TEFLON PROTECTIVE SLEEVE MUST ALSO BE ATTACHED OVER A WEAR SURFACE AS SHOWN IN PHOTO 002 AND 003. BEGIN THE INSTALLATION BY PLACING THE BALANCE UNIT END BETWEEN AND THROUGH THE ARM AND REAR LINKAGE AND EXTEND IT OVER THE BALANCE UNIT. (PHOTO SEQUENCE 017, 019, 022 AND 023 SHOWS THE COMPLETED PROCEDURE).
5. THE REMAINING PIECE IS THE FRONT AND REAR LINKAGE PIECE WITH A HOLE FOR THE JOINT 3 CAP. THE CONVOLUTIONS AT EACH END ATTACH TO THE TWO ARM PIECES WITH VELCRO AND SNAPS. (SEE PHOTOS 020, 021 AND 024).
6. PHOTOS 021, 025 AND 026 SHOW THE FULLY ASSEMBLED SUIT.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD