



## **ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE MOTOMAN MH6 ROBOT**

PRIOR TO INSTALLING THE ROBOSUIT™, CLEAN THE ROBOT SURFACE. YOU WILL NEED TO ATTACH ADHESIVE VELCRO TO AREAS OF THE ROBOT, SO WE SUGGEST HAVING A CLEAN RAG AND ALCOHOL TO CLEAN CASTING PRIOR TO ADHEARING VELCRO. DISCONNECT ANYTHING THAT WILL INTERFERE WITH INSTALLATION (VALVE PACK, JUNCTION BOX, BRACKETS). THE SUIT WILL NOT FIT OVER ANY ATTACHMENTS IT IS DESIGNED TO FIT THE CASTING OF THE ROBOT ONLY. VALVE PACKS AND EXTERNAL CONNECTIONS WILL BE RE- CONNECTED THROUGH THE SUIT AFTER INSTALLATION.

EACH SUIT IS MADE UP OF TWO (2) PIECES; WRIST AND SHOULDER/LOWER ARM. IDENTIFY THEM AND OPEN ALL ZIPPERS, SNAPS, AND VELCRO SEAMS. (NOTE: THERE IS AN OPTIONAL THIRD PIECE TO COVER THE STATIONARY BASE IF YOU ORDERED IT).

1. THE ALUMINUM TABS (SYNC MARKS/INDEX MARKS) MUST BE REMOVED, CORNERS FILED DOWN, OR FLIPPED 180 DEGREES AT ALL JOINTS IN ORDER TO PREVENT SNAGGING INSIDE OF SUIT. IF REMOVING, KEEP IN SECURE PLACE.
2. MOVE THE ARM TO ITS "HOME" POSITION. END-OF-ARM TOOLING DOES NOT NEED TO BE REMOVED.
3. INSTALL ADHESIVE VELCRO TO THE CASTING OF J1 (OVER RED TAPE). THIS WILL SECURE THE LOWER ARM IN PLACE. IF NEEDED, LOOK INSIDE THE LOWER ARM COVER TO FIND THE OPPOSITE SIDE OF THE VELCRO. THIS IS WHAT YOU WILL BE ADHERING SUIT TO ONCE ON THE ROBOT.
4. INSTALL THE ADHESIVE VELCRO AND THE TEFLON POCKET OVER THE J2 HARDSTOP. THIS PREVENTS HARD STOP FROM RUBBING ON SUIT.
5. INSTALL ADHESIVE VELCRO TO THE FRONT SIDE OF THE J4 JOINT. THIS WILL SECURE THE UPPER ARM IN PLACE. IF NEEDED, LOOK INSIDE THE ARM COVER TO FIND THE OPPOSITE SIDE OF THE VELCRO. THIS IS WHAT YOU WILL BE ADHERING SUIT TO ONCE ON THE ROBOT.
6. INSTALL THE LOWER ARM/SHOULDER PIECE. IDENTIFY THE YELLOW "SOCK" FOR THE UL LIGHT AND SLIDE OVER. CLOSE THE ZIPPERS AND VELCRO SEAMS. (NOTE: THE FOLDS ARE STABILIZED WITH ELASTIC ROPE). PUSH SUIT AT J1 AGAINST VELCRO ATTACHED TO CASTING OF J1 TO SECURE.
7. INSTALLT THE UPPER ARM/WRIST PIECE WITH THE ZIPPER ON THE BOTTOM. OVERLAP THE CUFF AT J4 AND SECURE TO VELCRO AT J4. CLOSE ZIPPERS AND VELCRO SEAMS.
8. SECURE THE WRIST CUFF BEHIND THE TOOL FLANGE AND IN FRONT OF JOINT 5 WITH THE SUPPLIED CLAMP OR USE ZIP TIE. DO NOT CLAMP THE WRIST CUFF AT JOINT 6 TO THE ROTATING TOOL FLANGE. PUSH SUIT AGAINST VELCRO AT J4 TO SECURE.
9. IF YOU PURCHASED THE OPTIONAL BASE COVER, INSTALL OVER BASE ALIGNING THE POWER CABLES WITH THE POWER CABLE COVER ON THE BASE PIECE. CLOSE VELCRO SEAM.
10. SLOWLY MOVE THE ROBOT ARM TO CHECK FOR FIT AND OBSTRUCTIONS. THE SUIT WILL SETTLE INTO PLACE ON THE ROBOT DURING A JOG CYCLE.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT ROBOWORLD