



ROBOSUIT™ INSTALLATION INSTRUCTIONS FOR THE FANUC 520i ROBOT

PRIOR TO INSTALLING THE ROBOSUIT™, CLEAN THE ROBOT SURFACE IF THE ROBOT HAS BEEN IN OPERATION WITHOUT ANY EFFECTIVE PROTECTION.

1. DISCONNECT ANYTHING THAT WILL INTERFERE WITH INSTALLATION.
2. MOVE THE OUTER ARM TO ITS FULLY EXTENDED POSITION.
3. REMOVE THE HARD STOP AT JOINT 2 TO PREVENT SUIT DAMAGE.
4. EACH SUIT IS MADE UP OF THREE (3) PIECES. OPEN ALL VELCRO SEAMS.
5. INSTALL THE BASE SUIT PIECE WITH THE WEB BELT OPEN. PASS THE CABLES AND AIR LINES THROUGH THE PROVIDED OPENING. CLOSE THE VELCRO AND SECURE THE SNAPS AND BELT.
6. INSTALL THE OUTER SUIT PIECE. CLOSE THE VELCRO SEAMS AND SNAPS. THE "GOOSE NECK" OPENING AT THE TOP WILL CONNECT THE AIR LINE TO THE RETURN FITTING ON THE AIR SUPPLY UNIT AFTER THE SUIT IS COMPLETELY INSTALLED.
7. INSTALL THE INNER SUIT PIECE WITH THE CUFFS OVERLAPPING THE BASE AND OUTER SUIT PIECES. PULL THE TWO DRAW CORDS AND SQUARE KNOT THEM SNUGGLY AROUND THE CUFFS MAKING SURE THE CORD IS SANDWICHED BETWEEN THE TUBES IN EACH CUFF. THE "GOOSENECK" AT THE SHOULDER IS FOR THE AIR LINE INPUT SUPPLY.

USING THE TEACH PENDANT IN "JOINT MODE", SLOWLY MOVE ALL JOINTS (1-4) @ 25% SPEED. OBSERVE THE ARM FOR ANY OBSTRUCTIONS AND/OR MISALIGNMENT.

IF YOU HAVE ANY QUESTIONS OR REQUIRE ASSISTANCE, PLEASE CALL ROBOWORLD.