



## **ROBOSUIT® INSTALLATION INSTRUCTIONS FOR UNIVERSAL ROBOTS UR10E, AND UR16E**

MOVE ROBOT TO “HOME” POSITION AND CLEAN SURFACES PRIOR TO INSTALLATION. THE ROBOSUIT® IS DESIGNED TO FIT OVER A BARE ROBOT. REMOVE ANY ACCESSORIES. THESE MAY BE REATTACHED THROUGH THE SUIT AFTER IT HAS BEEN INSTALLED.

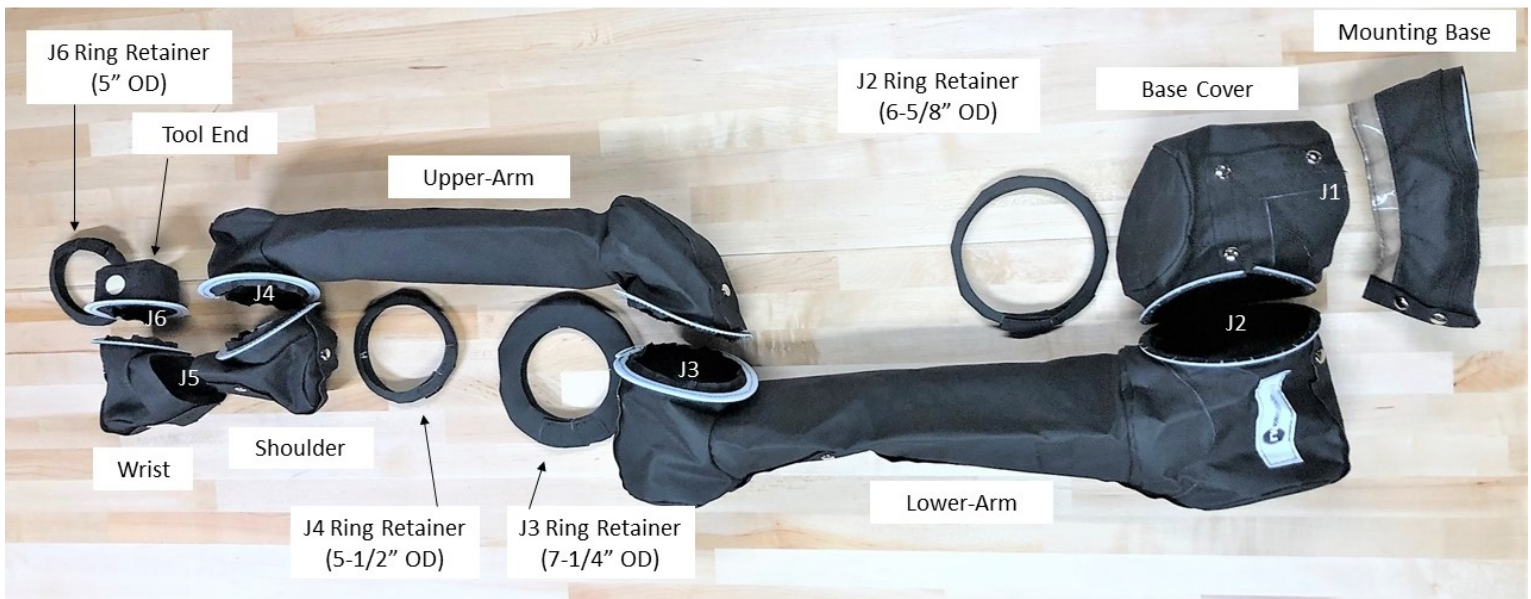
ARRANGE THE COMPONENTS IN THE ORDER SHOWN ON PAGE-2. YOU WILL FIND THE COMPONENT NAMES WRITTEN ON TAGS SEWN TO THE INSIDE OF EACH PIECE. INSTALLATION WILL BEGIN AT J6.

NOTE: THIS SUIT DOES NOT SLIDE OVER THE ARM. EACH PIECE WRAPS *AROUND* INDIVIDUAL ROBOT SECTIONS AND THEN CLOSES.

### INSTALLATION SEQUENCE:

1. INSTALL THE TOOL END WITH THE WHITE PLASTIC RING FACING UPWARDS. SLICE THE GUM RUBBER CIRCLE IF PASSING A CABLE CONNECTION THROUGH THE SUIT TO THE CANNON PLUG
2. INSTALL THE WRIST WITH THE WHITE RING FACING TOOL-FLANGE RING FROM STEP-1
3. MATE THE ADJOINING RINGS AT J6 AND INSTALL THE J6 RING RETAINER (5” OD)
4. INSTALL THE SHOULDER. OVERLAP THE WRIST FABRIC WITH FABRIC CUFF ON THE SHOULDER
5. INSTALL THE UPPER ARM
6. MATE THE ADJOINING RINGS AT J4 AND INSTALL THE J4 RING RETAINER (5-1/2” OD)
7. INSTALL THE LOWER ARM
8. MATE THE ADJOINING RINGS AT J3 AND INSTALL THE J3 RING RETAINER (7-1/4” OD)
9. SEPERATE THE ADHESIVE-BACKED VELCRO TAPE FROM THE MOUNTING BASE (IMAGE-2). DO NOT REMOVE PAPER BACKING UNTIL READY TO ADHERE TAPE TO ROBOT. START VELCRO TAPE INSTALLATION AT EITHER SIDE OF ROBOT POWER CORD, AND WRAP AROUND BASE CIRCUMFERENCE NOTED ON IMAGE-3. ORIENT THE COVER SO THE NOTCH AT BOTTOM OF COVER ALIGNS WITH THE ROBOT POWER CABLE. INSTALL COVER AND MATE VELCRO TAPE
10. INSTALL THE BASE COVER OVERLAPPING THE TEFLON ON THE MOUNTING BASE
11. MATE THE ADJOINING RINGS AT J2 AND INSTALL THE J2 RING RETAINER (6-5/8” OD)
12. MOVE THE ROBOT SLOWLY THROUGH ITS INTENDED WORK ENVELOPE TO ENSURE DEXTERITY AND FIT. MAKE ANY ADJUSTMENTS TO SUIT TENSION BY ADJUSTING VELCRO OVERLAPS (IF NEEDED). VALIDATE FIT/FUNCTION AT FULL SPEED
13. INSTALLATION IS COMPLETE

## UR10E and UR16E Robosuit® Components (11-pc):



Arrange the 11pc as shown above. The component names are written on the inside of each piece.



Image-2

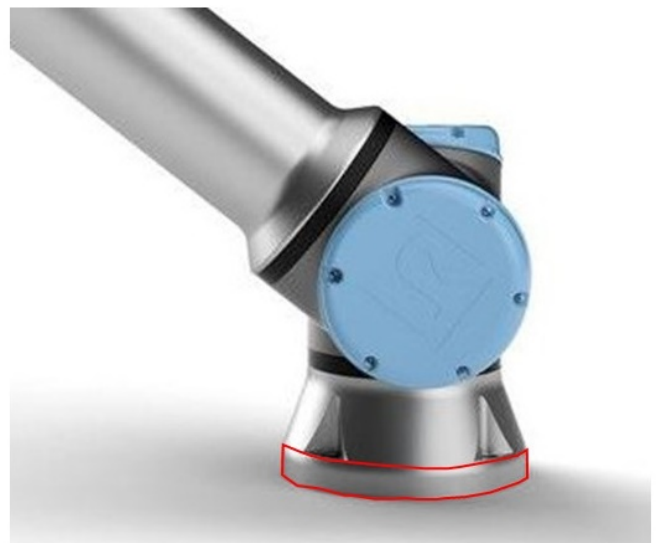


Image-3