MY 17 SPARK ASSEMBLY

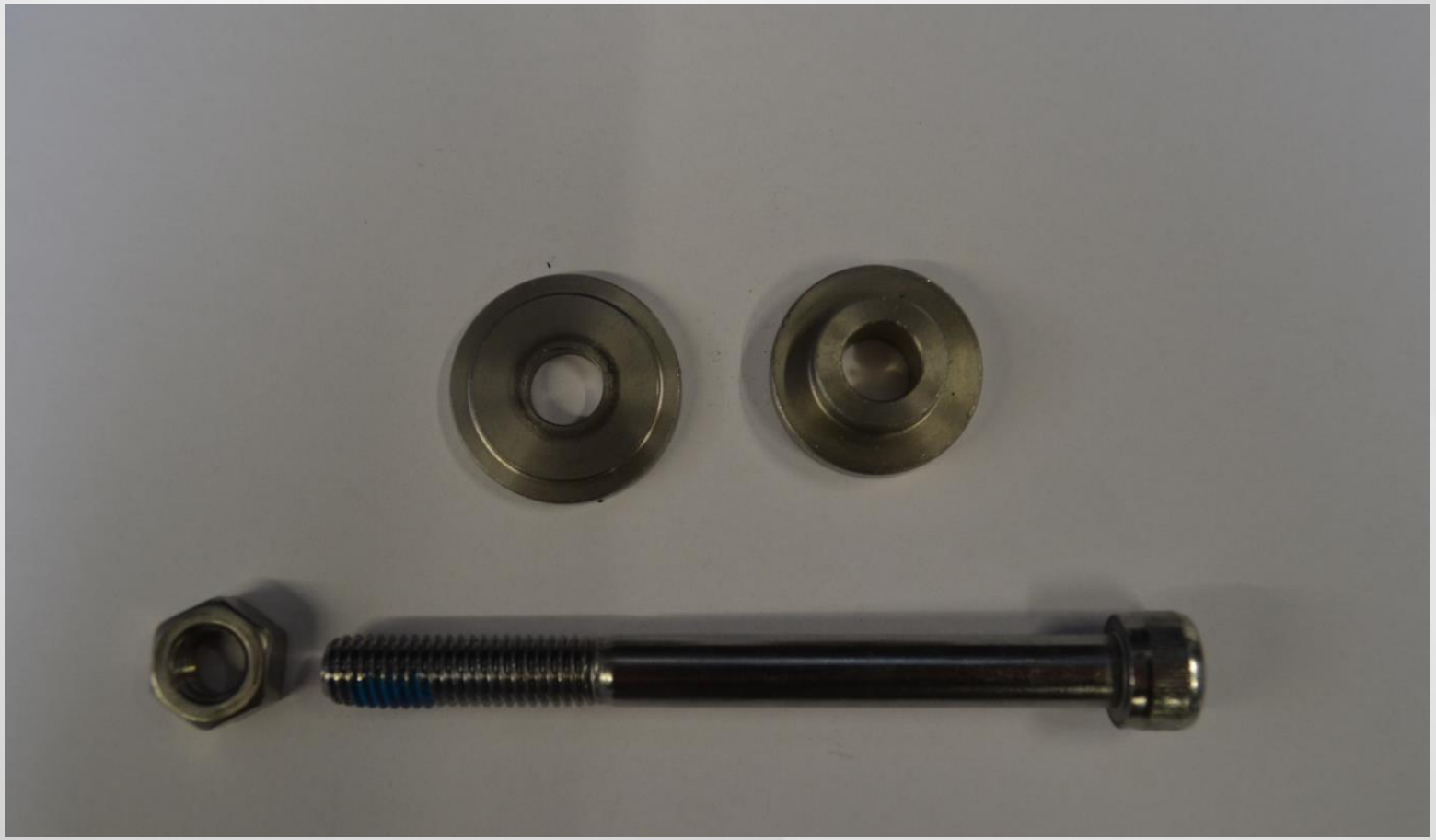
*FOR THIS DEMONSTRATION WE HAVE NOT USED THREADLOC, WE RECOMMEND THE USE OF A BLUE THREADLOCKER

ASSEMBLY

SUPPORT MAIN FRAME IN STAND

ASSEMBLY

USE THE CORRECT TOOLS FOR THE JOB

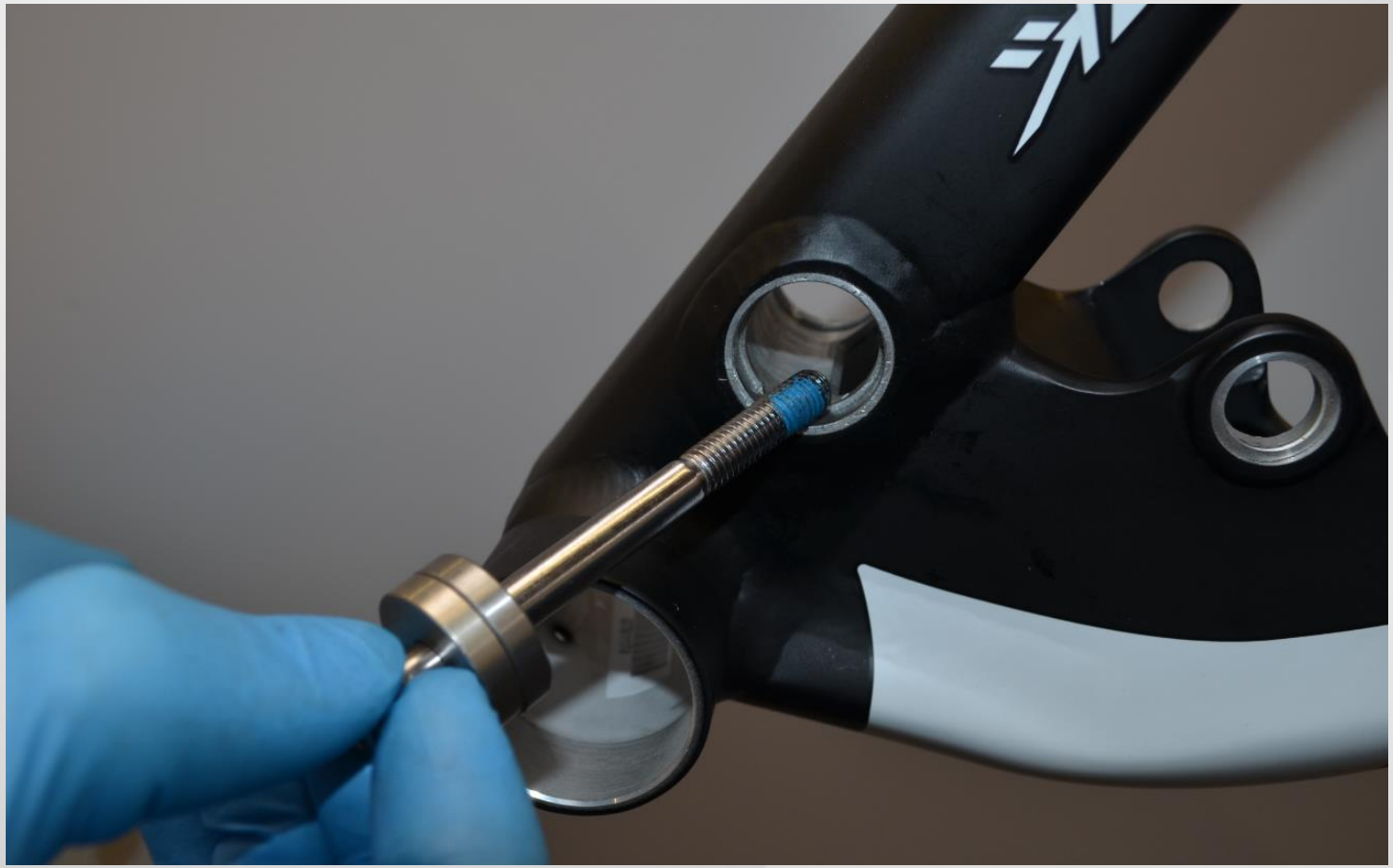


ASSEMBLY

MAIN PIVOT

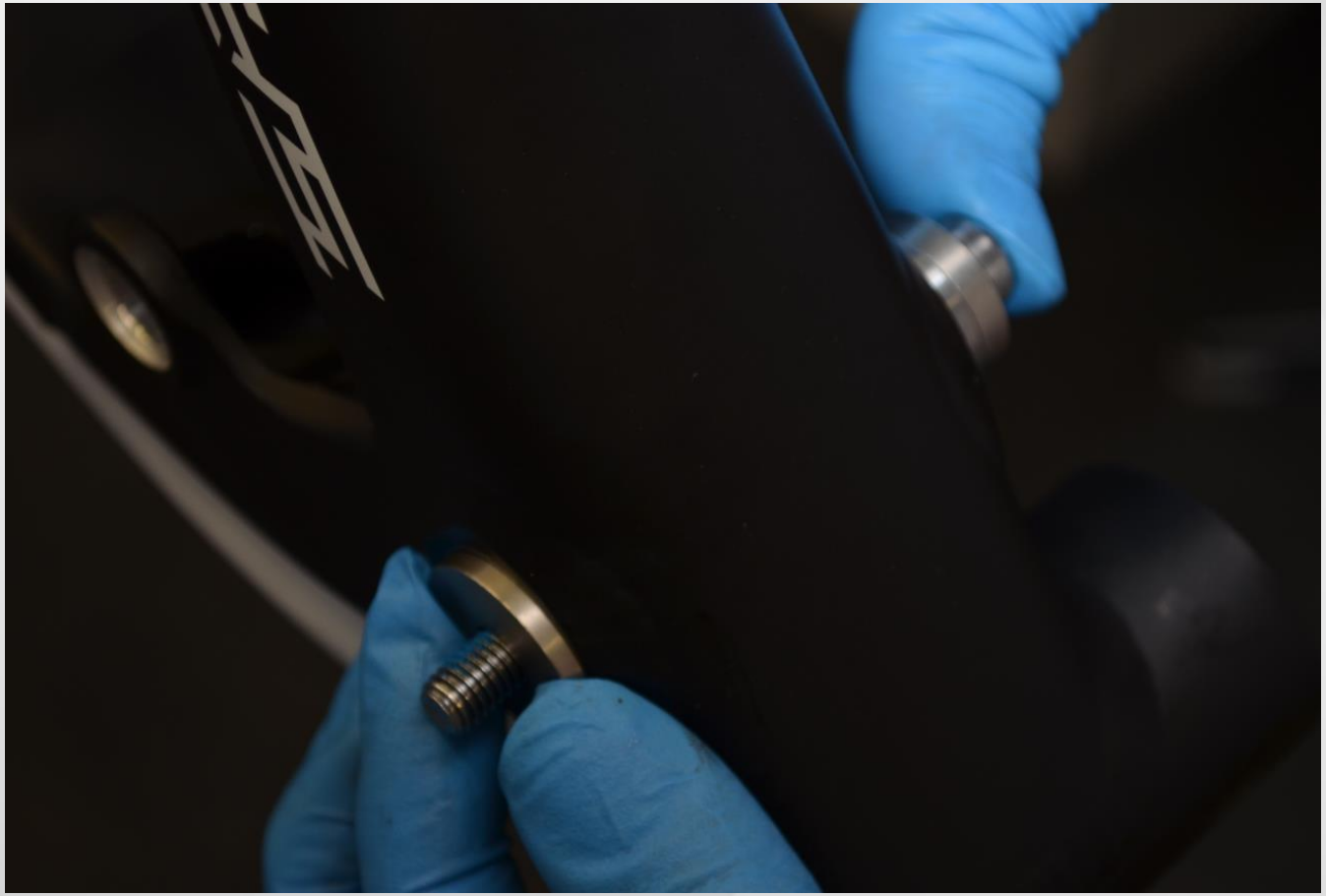
ASSEMBLY

LOCATE ONE MAIN PIVOT BEARING ON PRESS



ASSEMBLY

INSERT INTO FRAME AND FIT REST OF THE PRESS

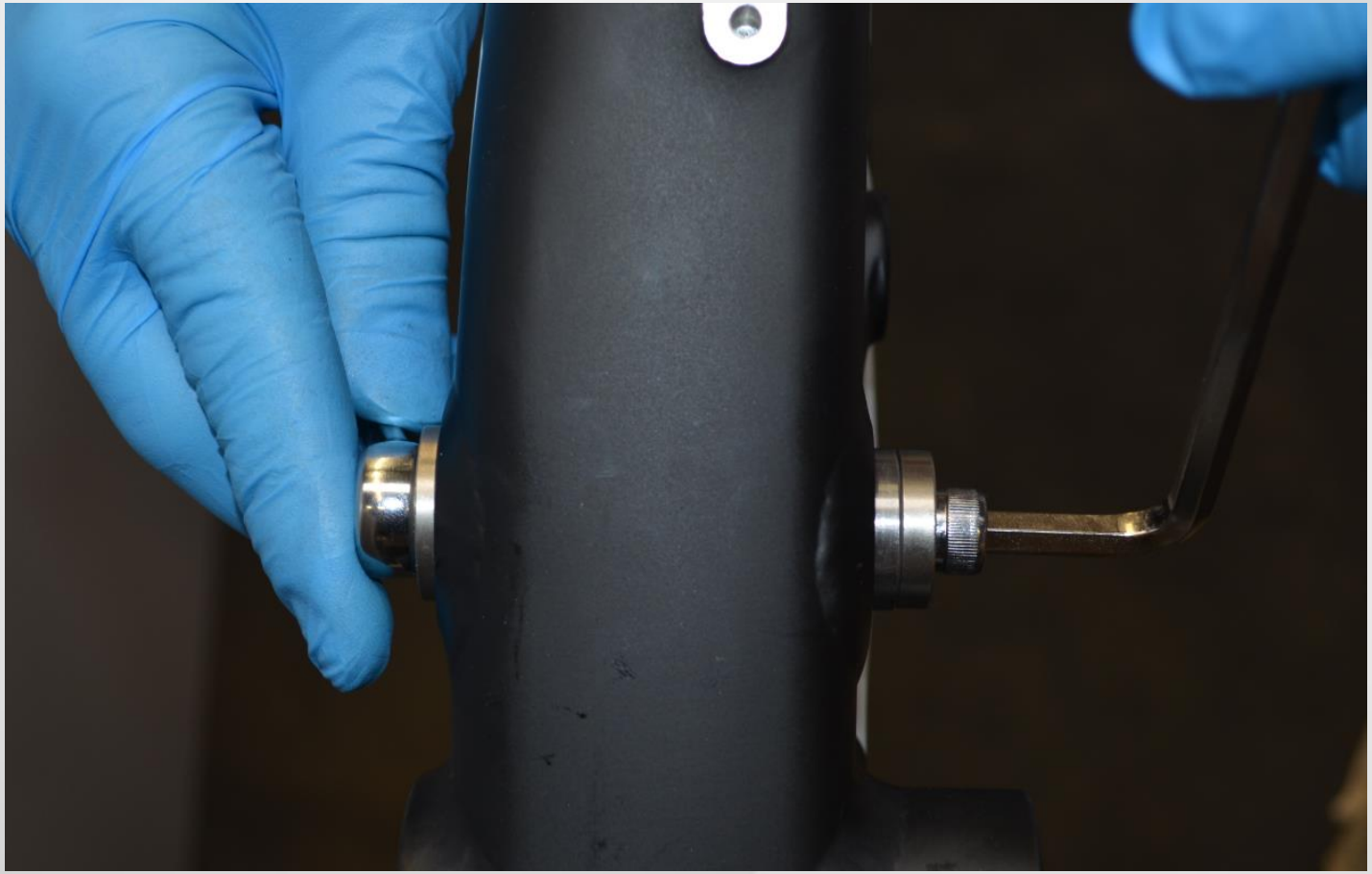


ASSEMBLY

ADD THE COMPRESSION NUT

ASSEMBLY

PRESS THE BEARING INTO THE FRAME



ASSEMBLY

FIT THE OPPOSITE BEARING AND THE SPACER TO THE PRESS

ASSEMBLY

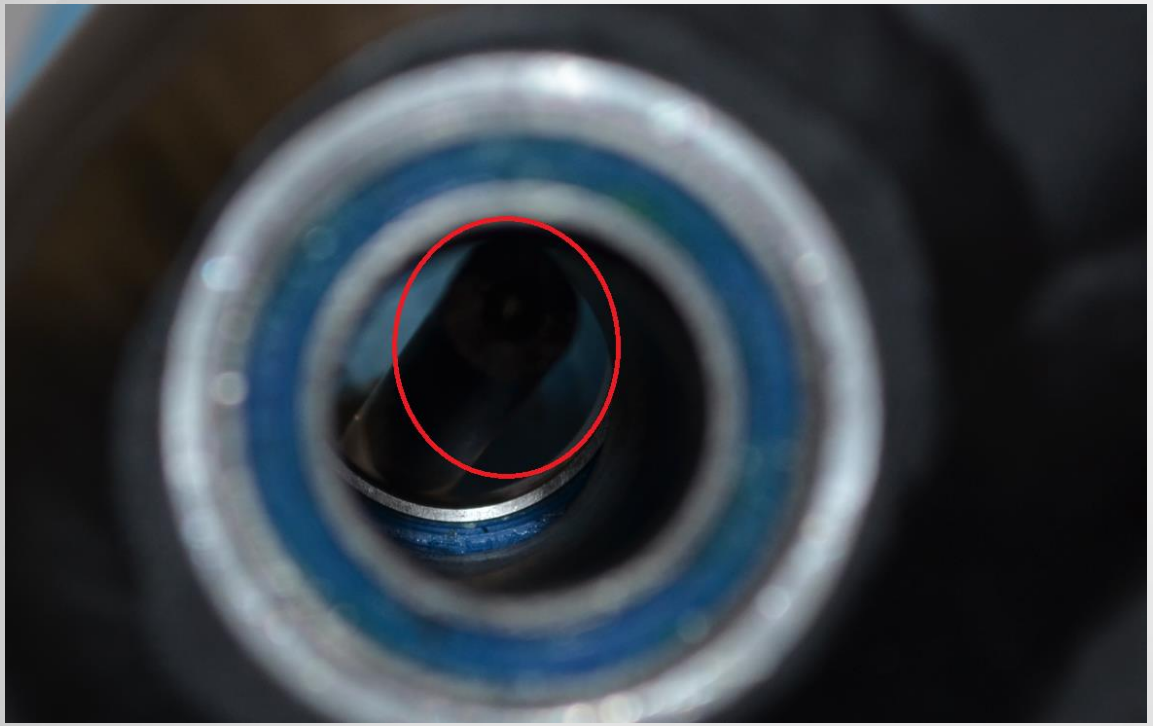
ASSEMBLE THE PRESS AND TIGHTEN AGAIN

ASSEMBLY

CHECK THE SPACER TUBE IS CENTRAL, AS SEEN HERE IT IS NOT

ASSEMBLY

IF IT IS NOT LOCATE WITH BLUNT OBJECT

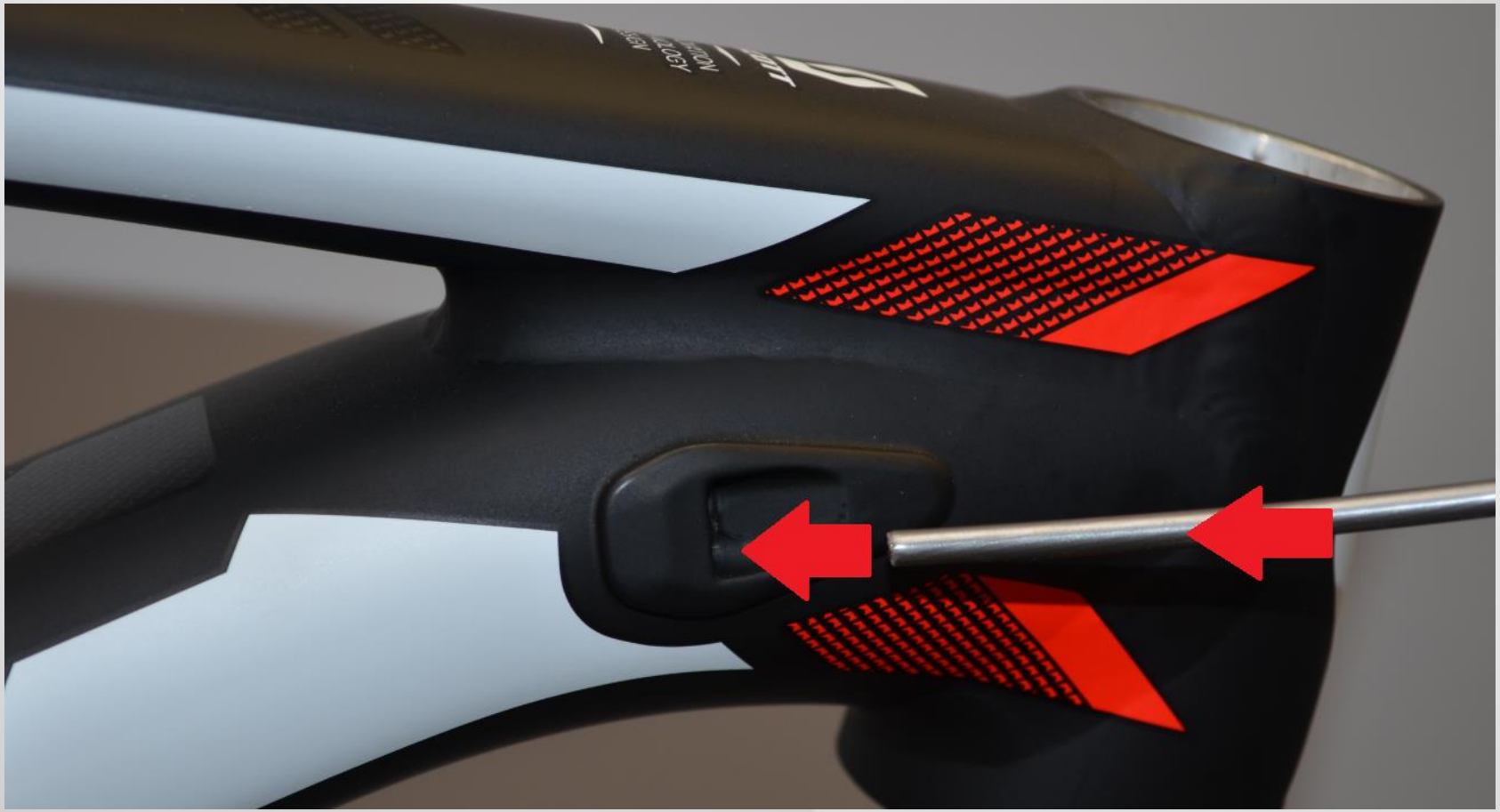


NOT CORRECT

CORRECT

ASSEMBLY

INSERT OUTER CABLE FROM THE HEADTUBE TO SHOCK HOLE

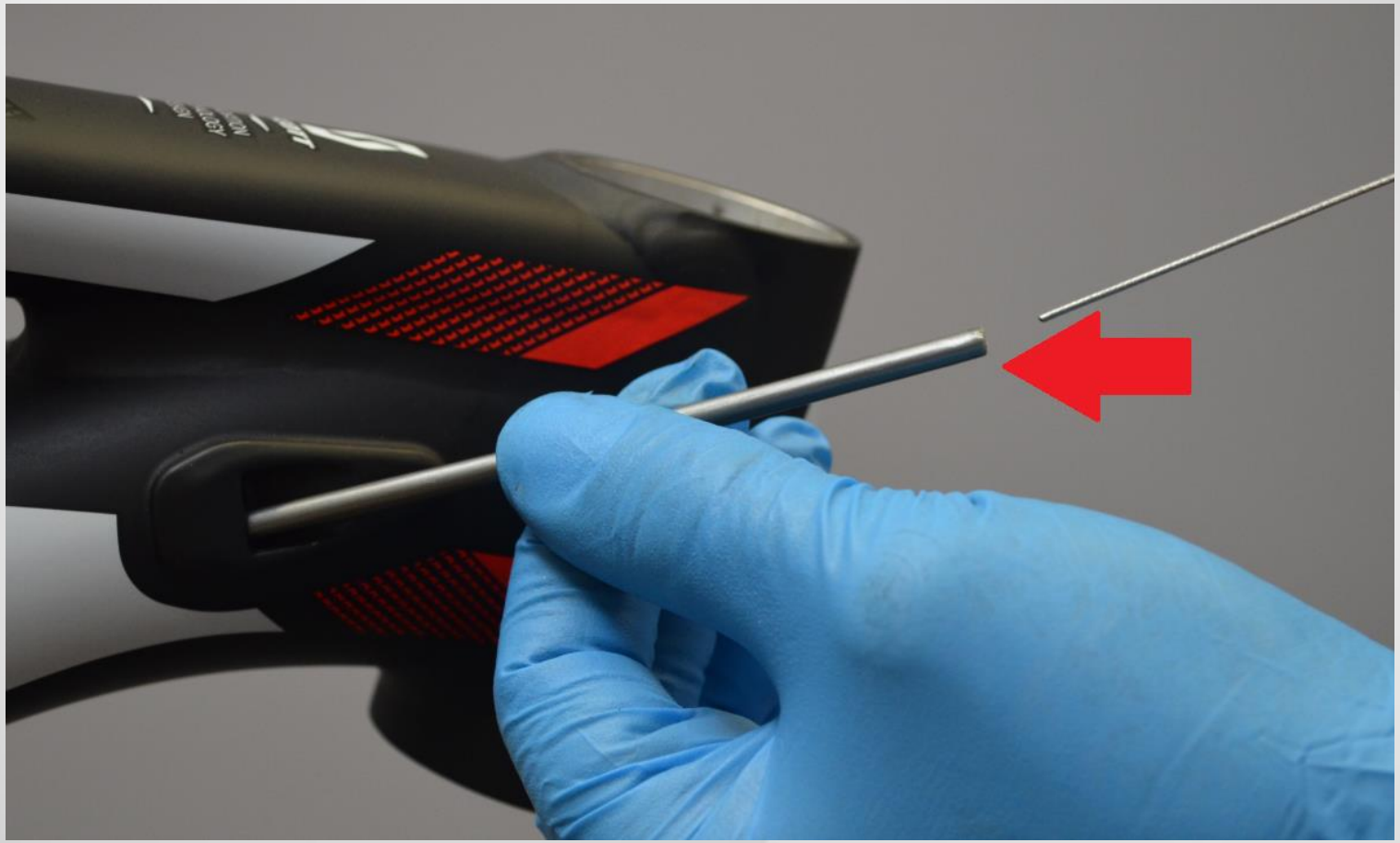


ASSEMBLY

GRAB THE CABLE IN THE SHOCK LOCATION HOLE AND GENTLY PULL OUT

ASSEMBLY

INSERT THE INNER CABLE THROUGH THE OUTER (DON’T FORGET THE TC LEVER)

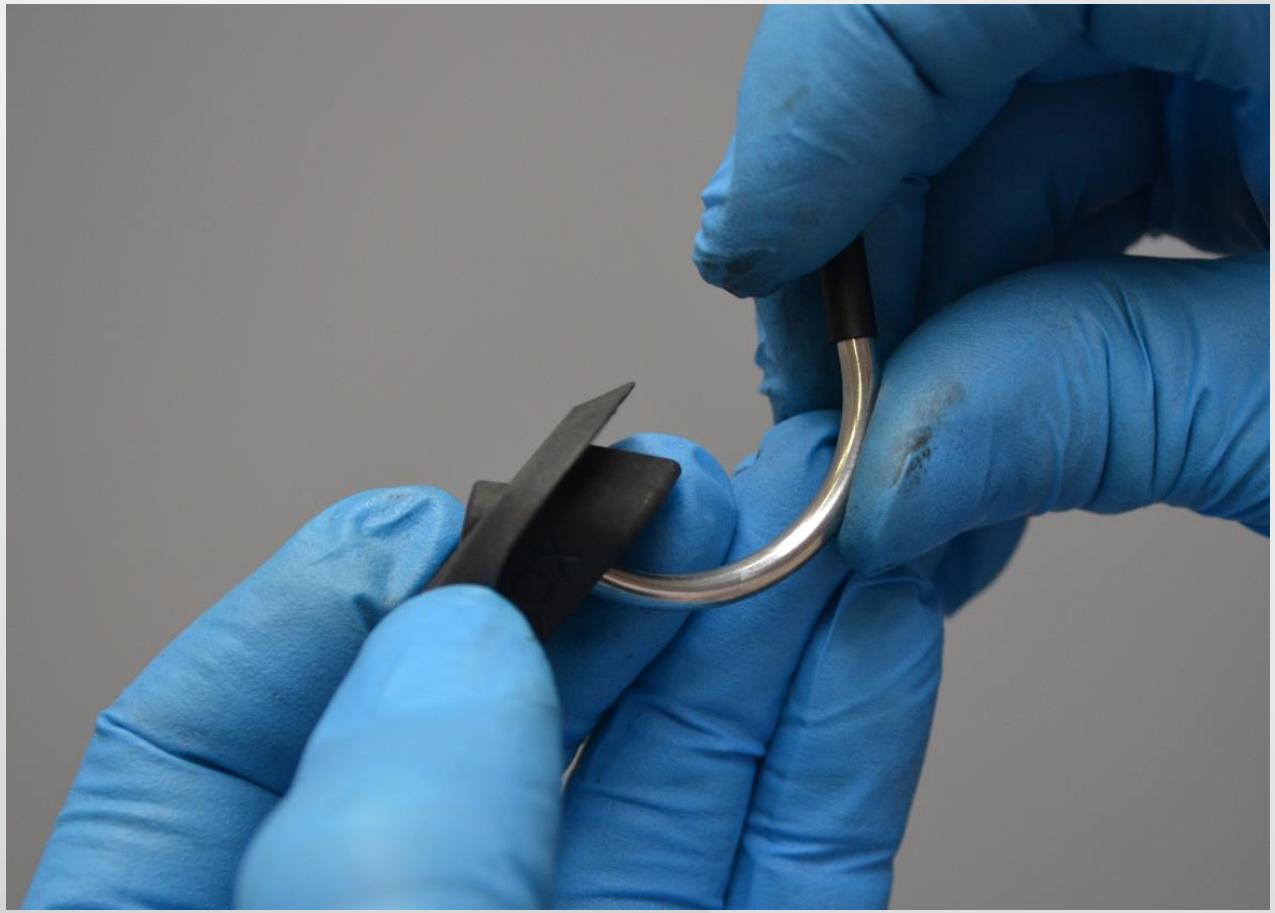


ASSEMBLY

FIND THE CORRECT NOODLE AND SHOCK RUBBER

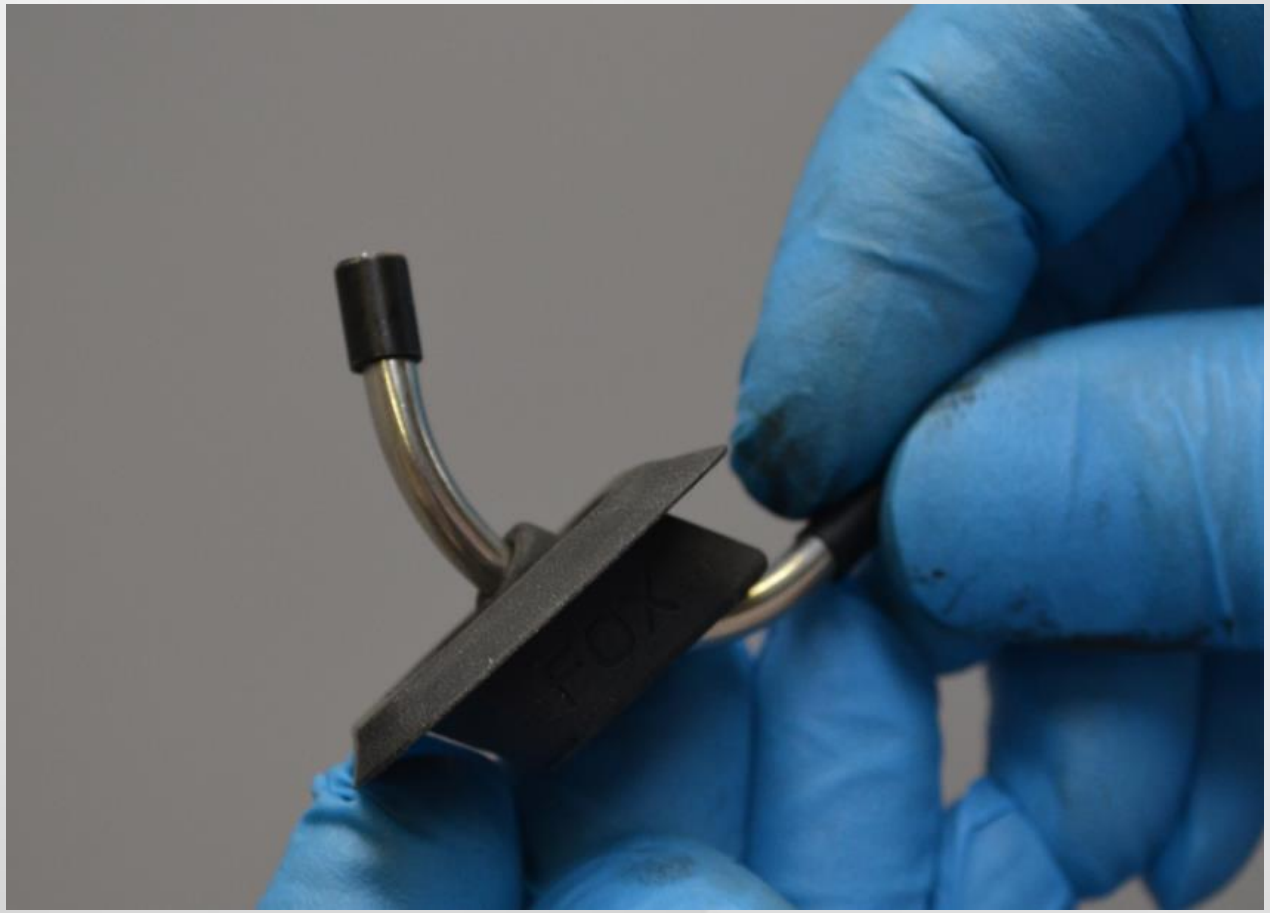
ASSEMBLY

SLIDE THE RUBBER OVER THE NOODLE



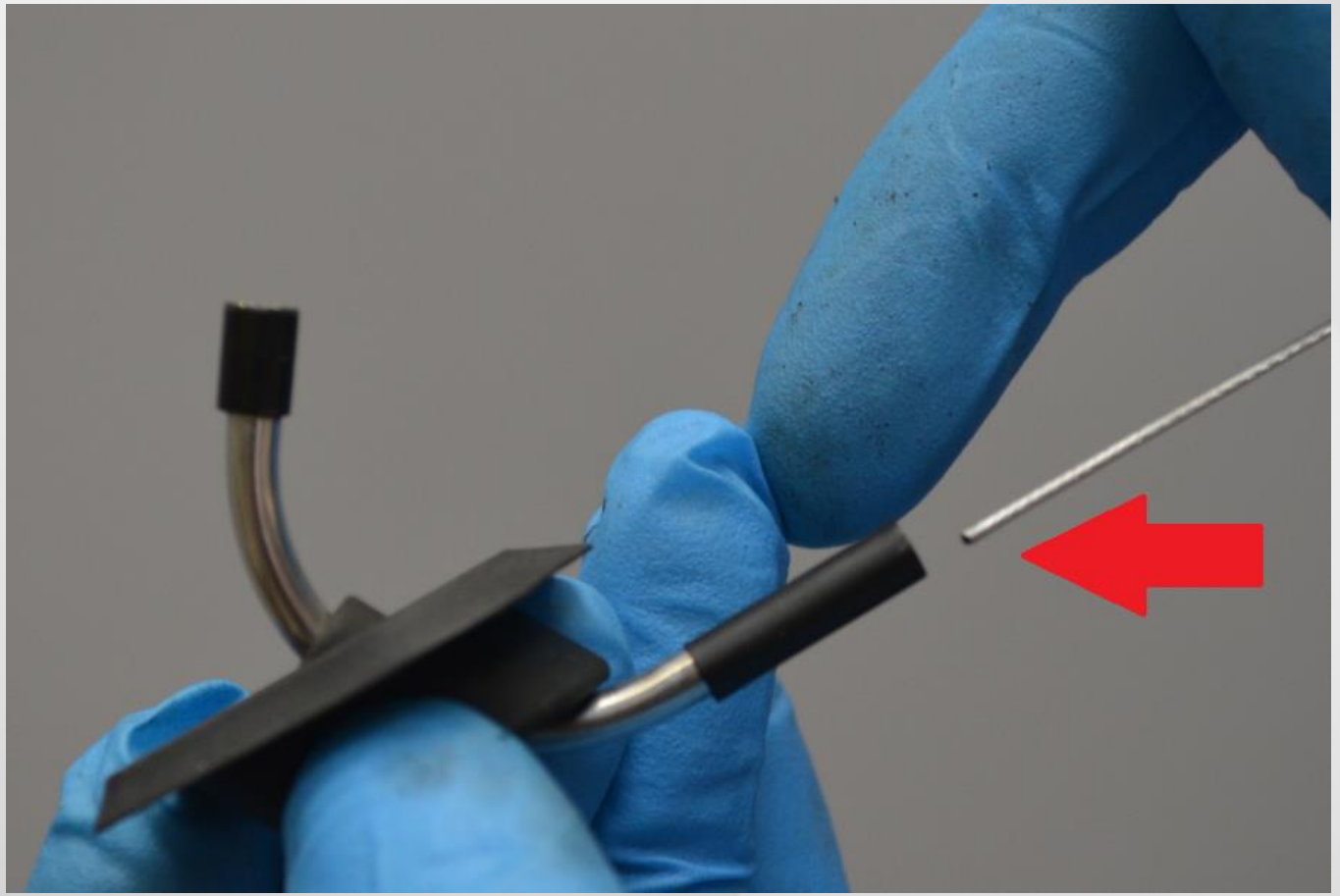
ASSEMBLY

PUSH INTO THE MIDDLE OF THE NOODLE



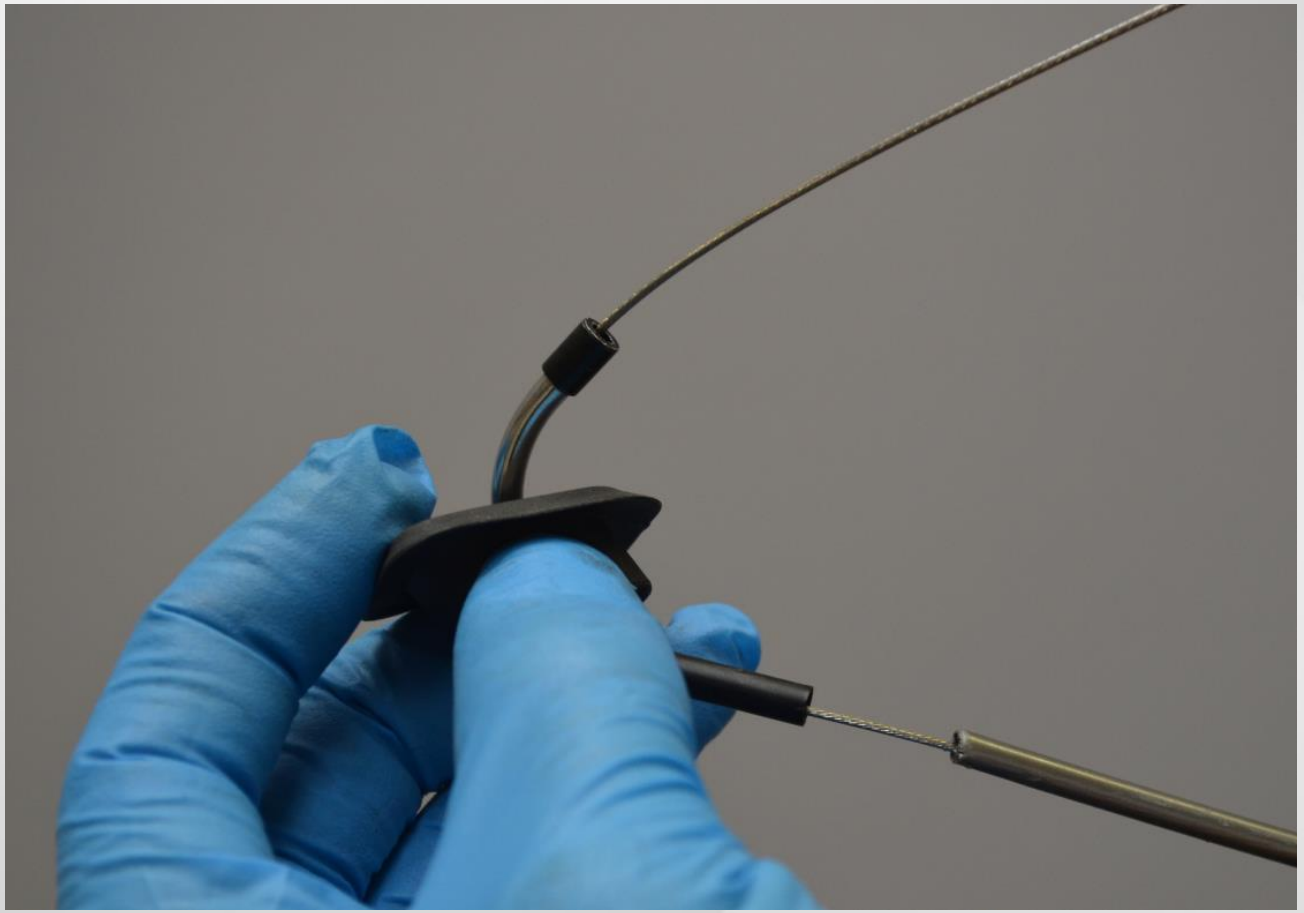
ASSEMBLY

INSERT THE INNER CABLE FROM THE OUTER CABLE INTO THE NOODLE



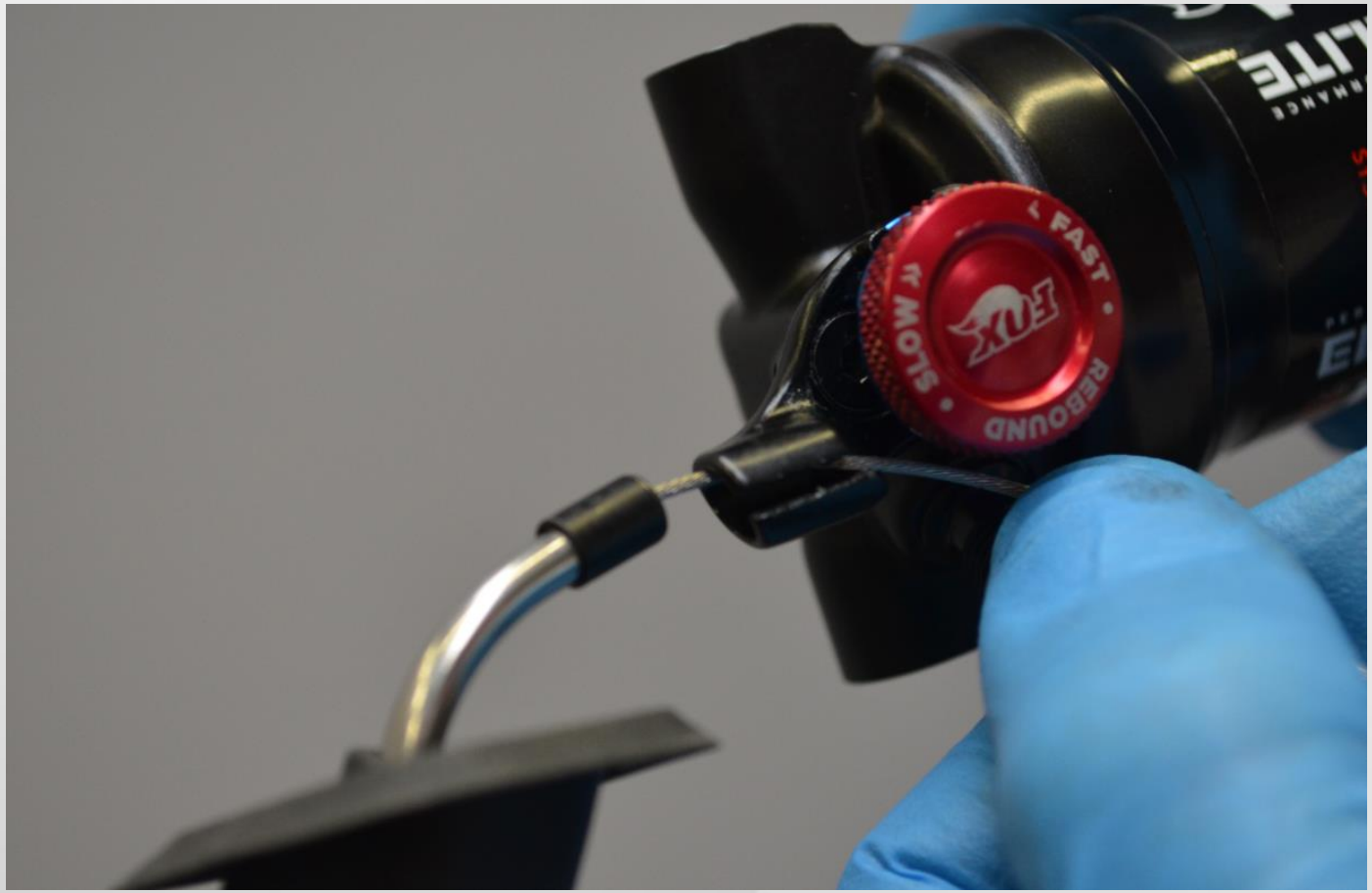
ASSEMBLY

PULL TIGHT



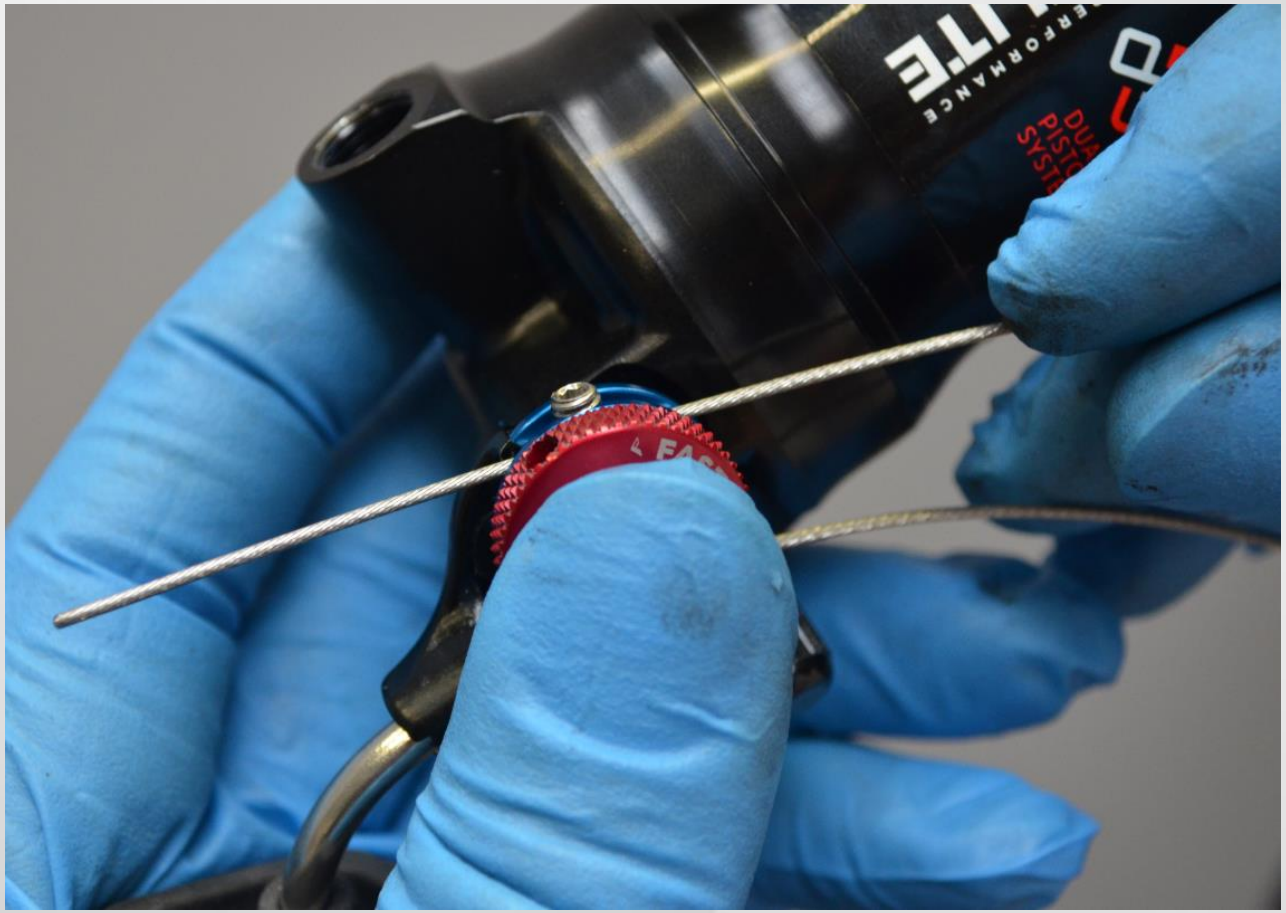
ASSEMBLY

FIT THE INNER WIRE TO THE SHOCK



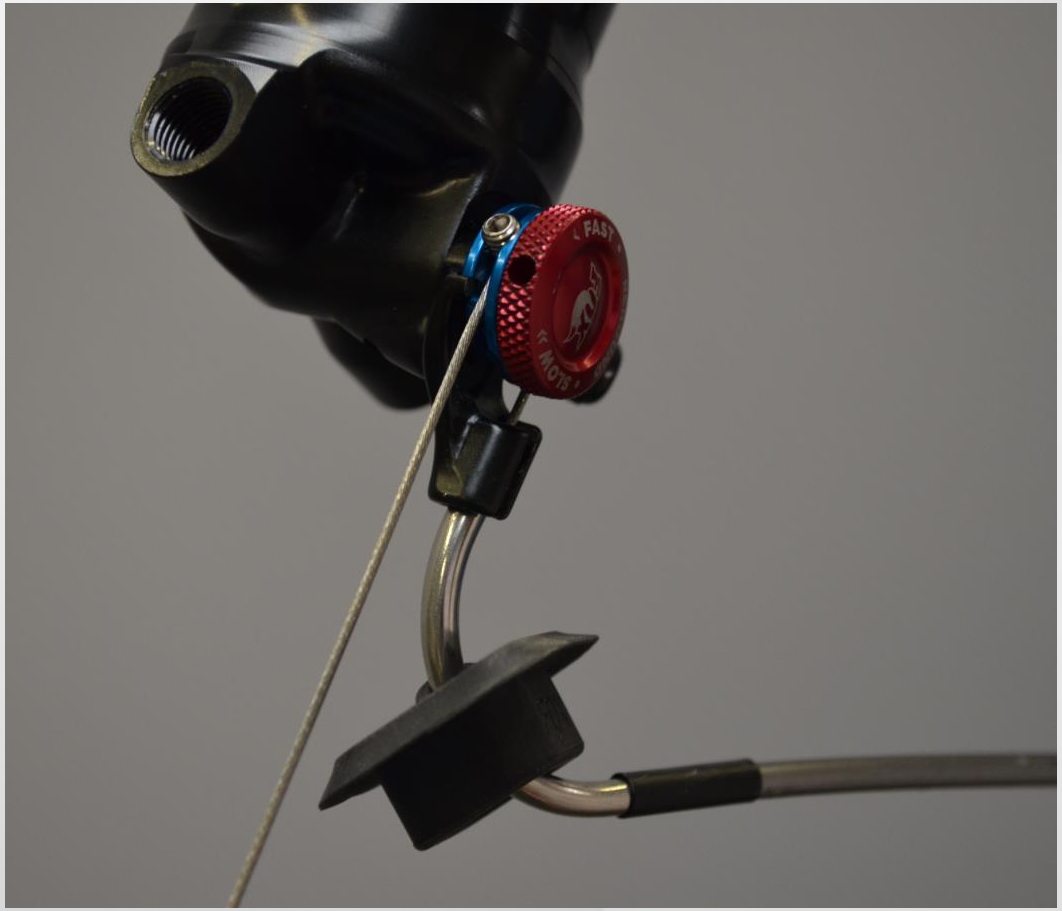
ASSEMBLY

LOOPING IT ROUND THE WHEEL UNDER THE GRUB SCREW



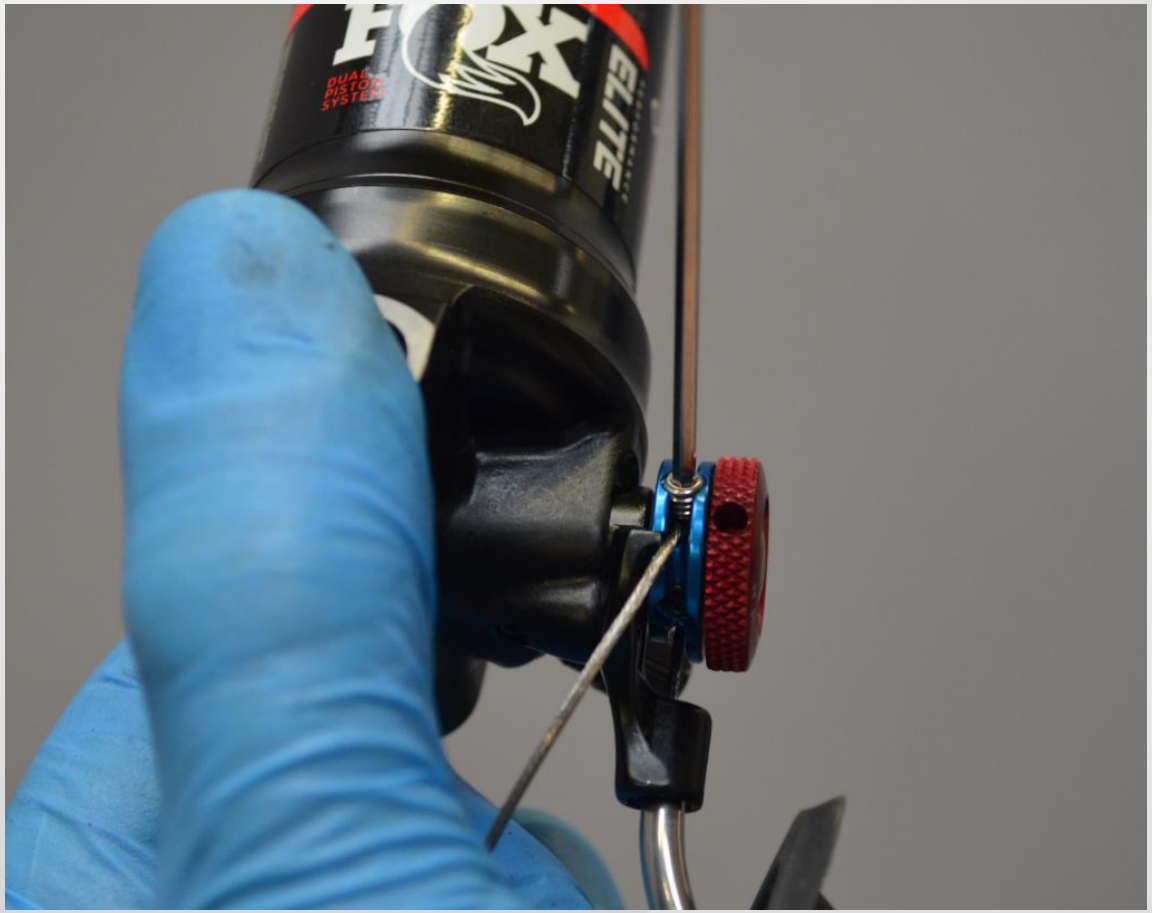
ASSEMBLY

PULL THE CABLE TIGHT



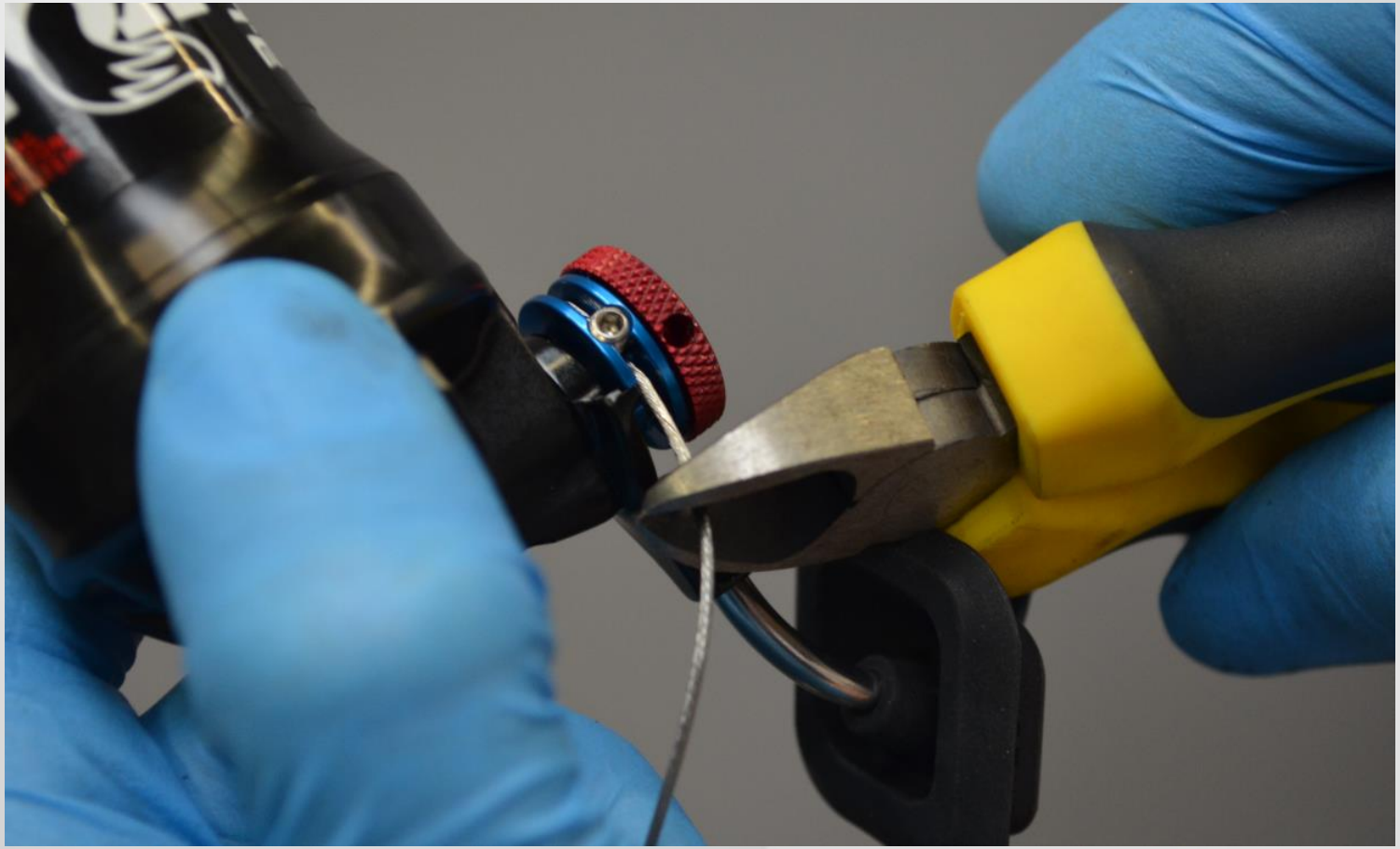
ASSEMBLY

AND TIGHTEN THE GRUB SCREW



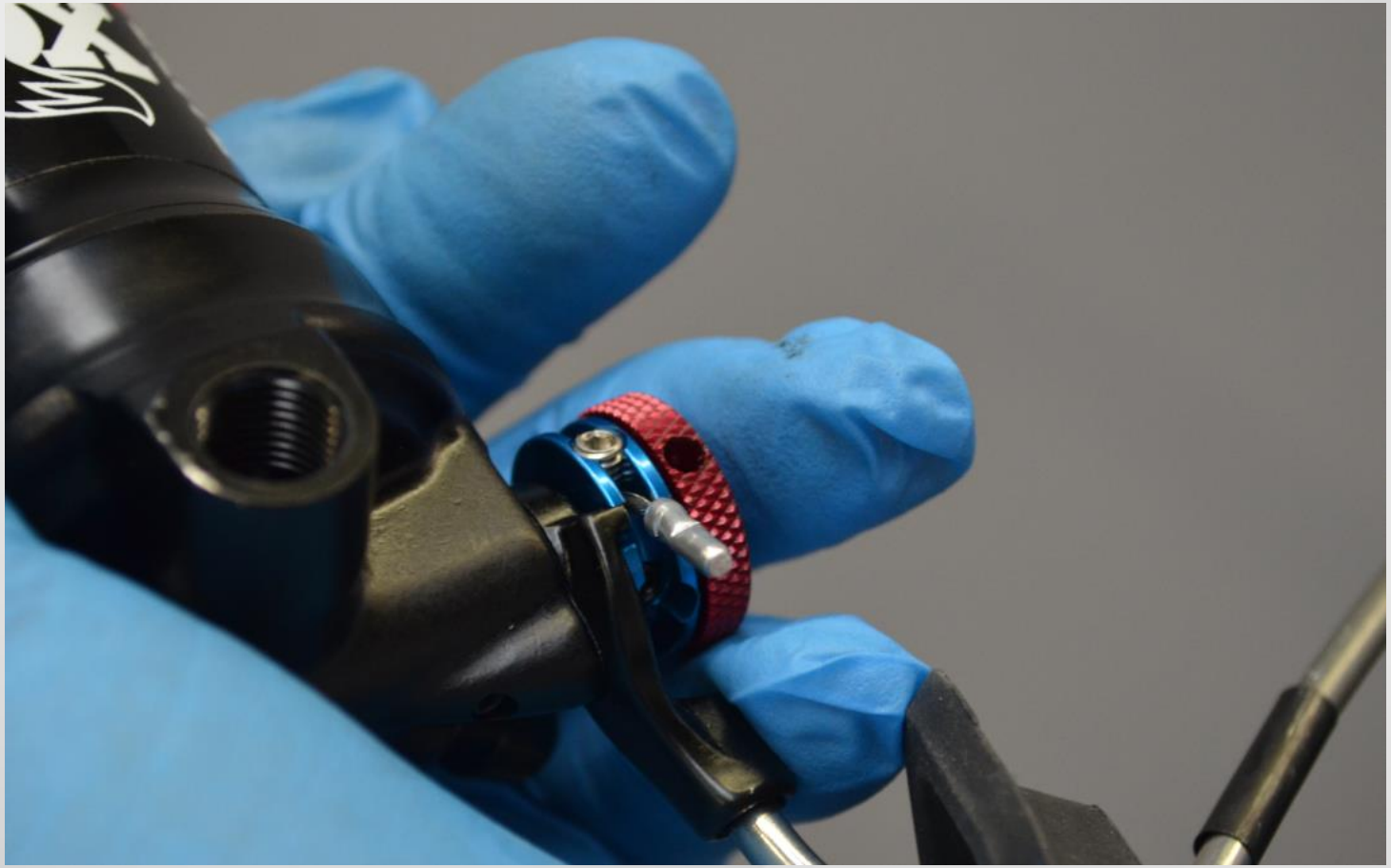
ASSEMBLY

CUT THE CABLE



ASSEMBLY

ADD CRIMP

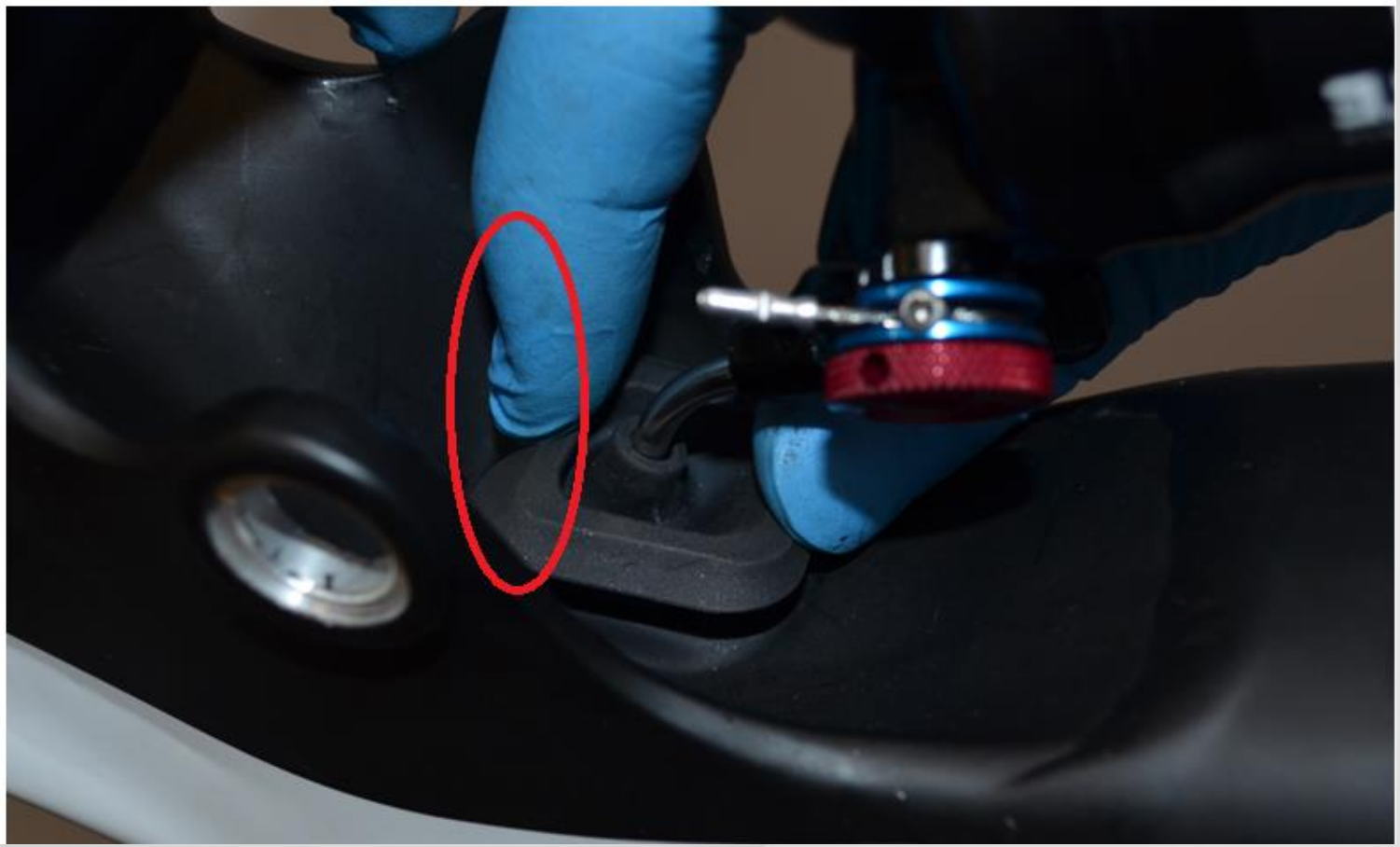


ASSEMBLY

SLIDE THE SHOCK INTO POSITION SLIDING THE CABLES BACK THROUGH THE FRAME

ASSEMBLY

PUSH THE RUBBER INTO PLACE, THE LONGER EDGE TOWARDS THE REAR



ASSEMBLY

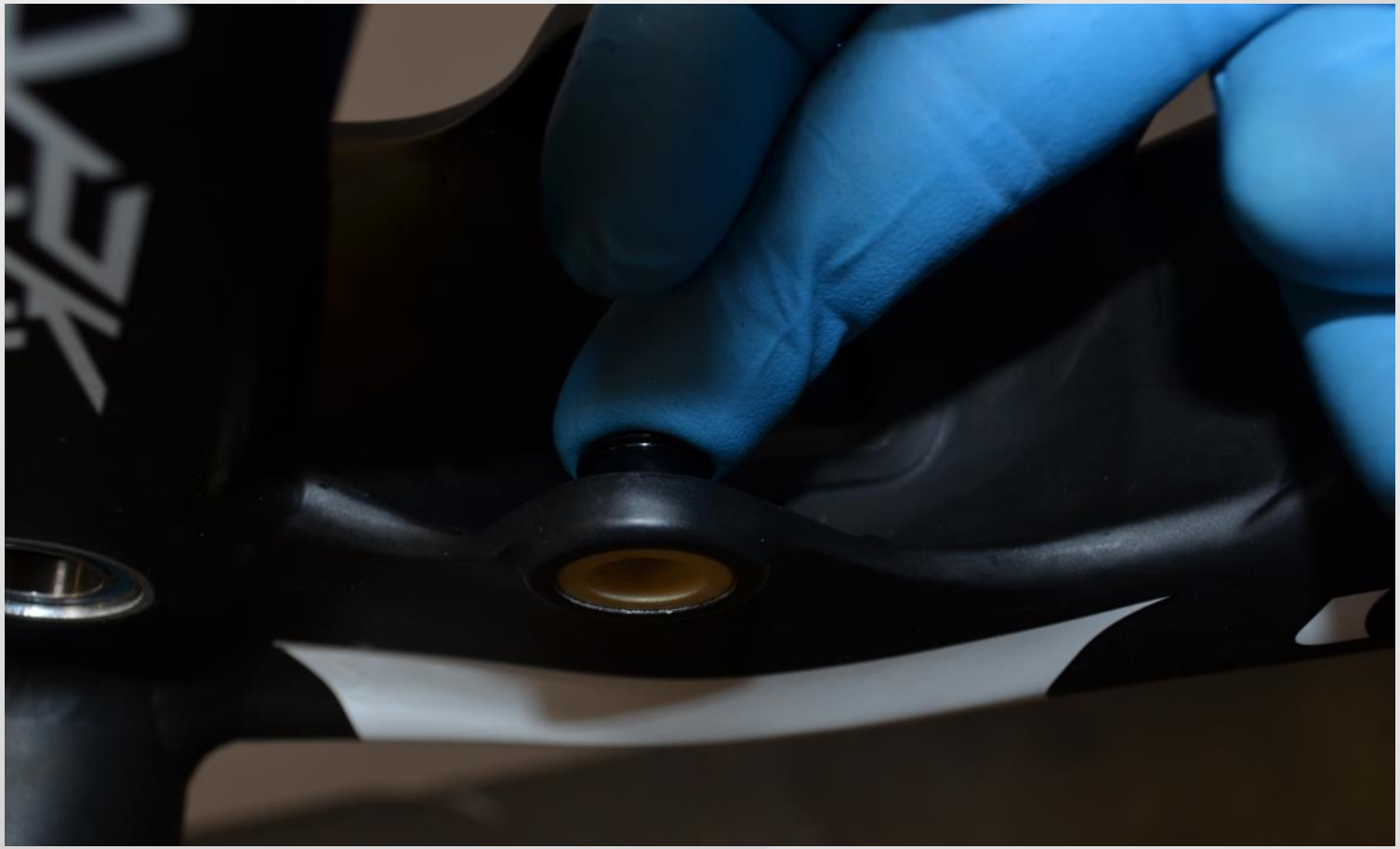
THE TRUNNION KIT

ASSEMBLY

PUSH LEFT AND RIGHT RESIN TOP HATS FROM THE OUTSIDE IN

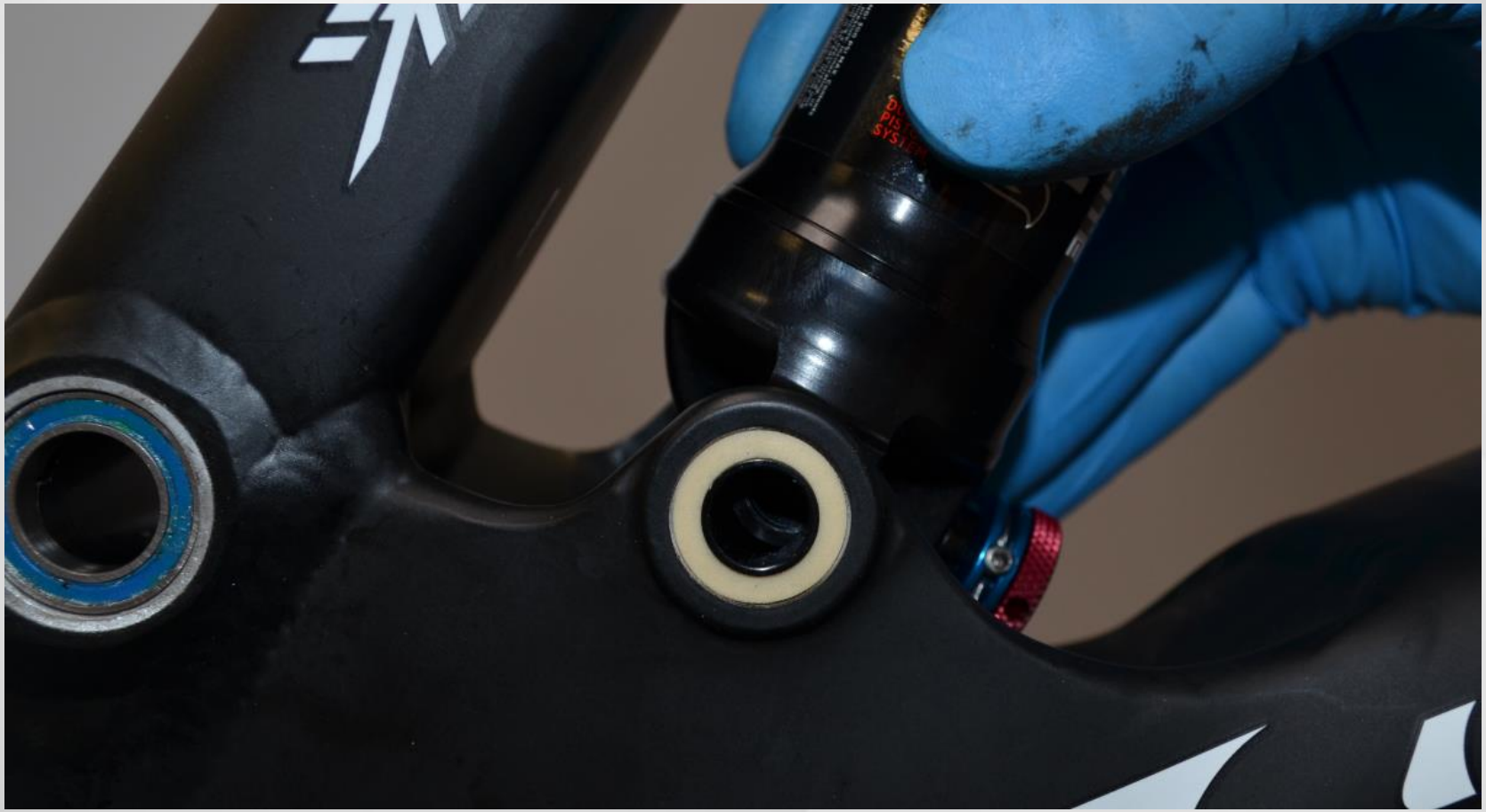
ASSEMBLY

PUSH LEFT AND RIGHT ALLOY TOP HATS FROM THE INSIDE OUT



ASSEMBLY

LOCATE THE SHOCK INTO POSITION



ASSEMBLY

FIT LEFT AND RIGHT TRUNNION BOLTS

ASSEMBLY

SET TO 10 N/M

ASSEMBLY

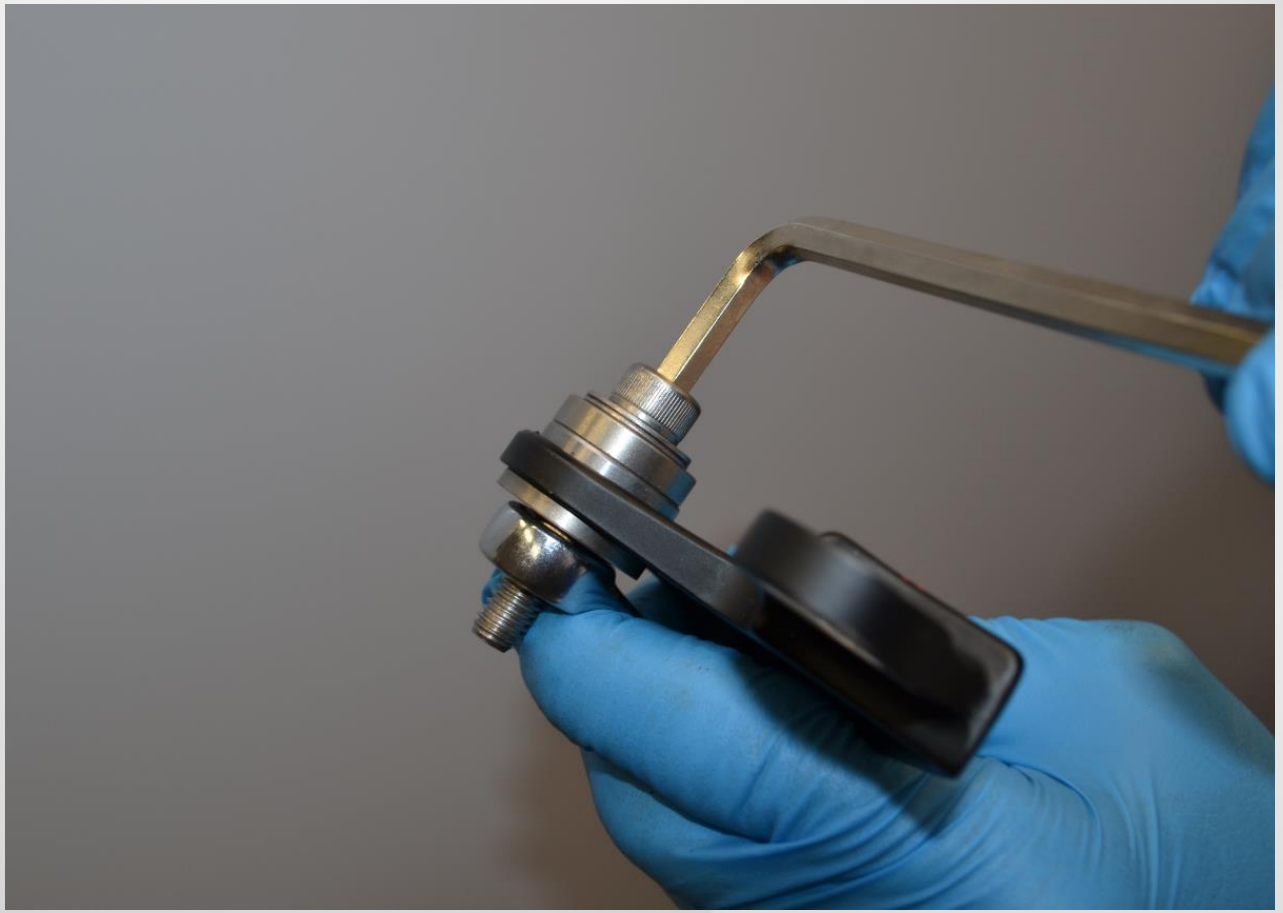
LINKAGE KIT

ASSEMBLY

LOAD THE BEARING ONTO THE PRESS AND FIT INTO THE LINKAGE

ASSEMBLY

PRESS IN THE BEARING

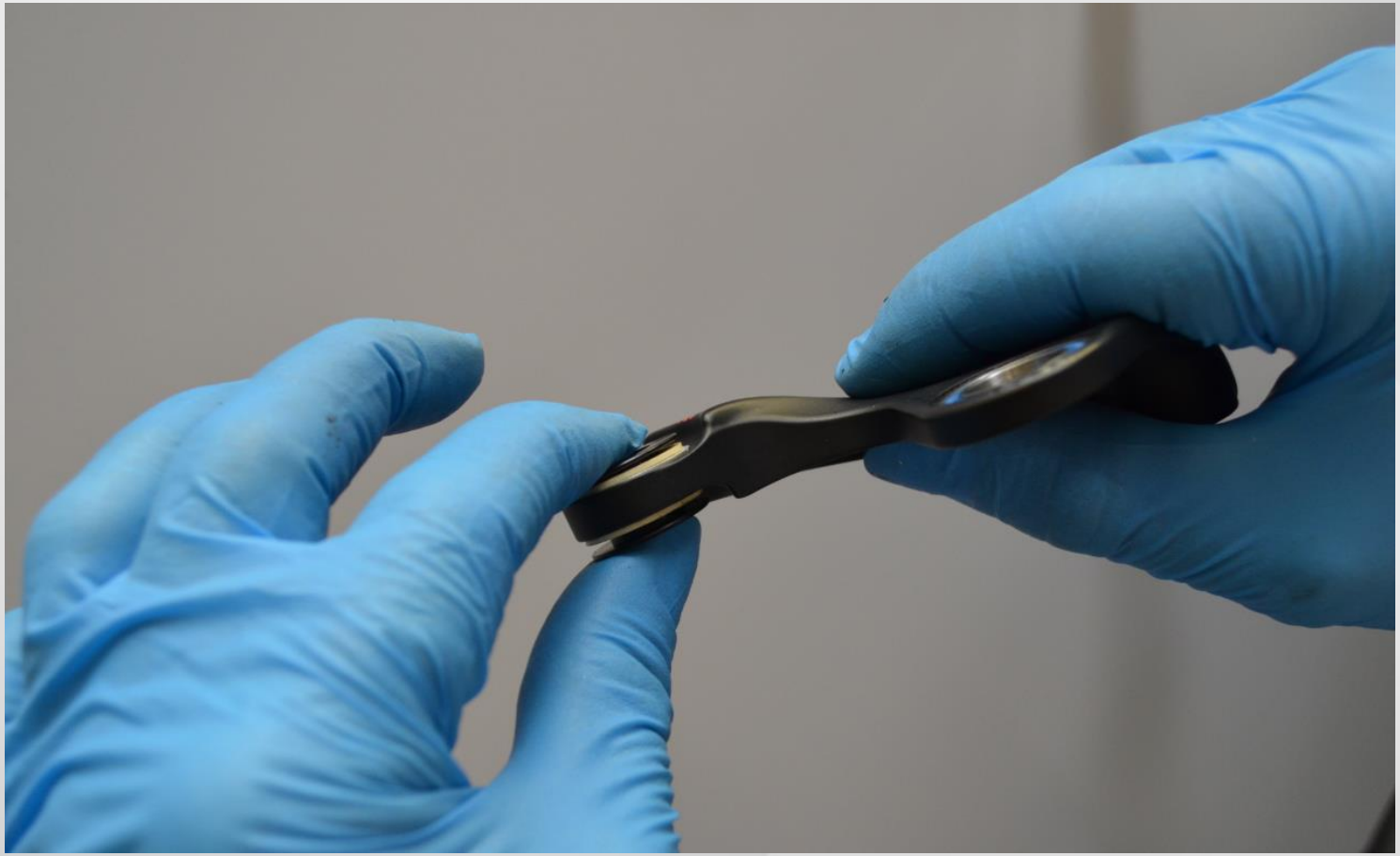


ASSEMBLY

PUSH IN THE RESIN TOP HATS IN

ASSEMBLY

PUSH THE ALLOY TOP HATS OVER THE RESIN TOP HATS, REPEAT THIS ON THE OTHER LINK

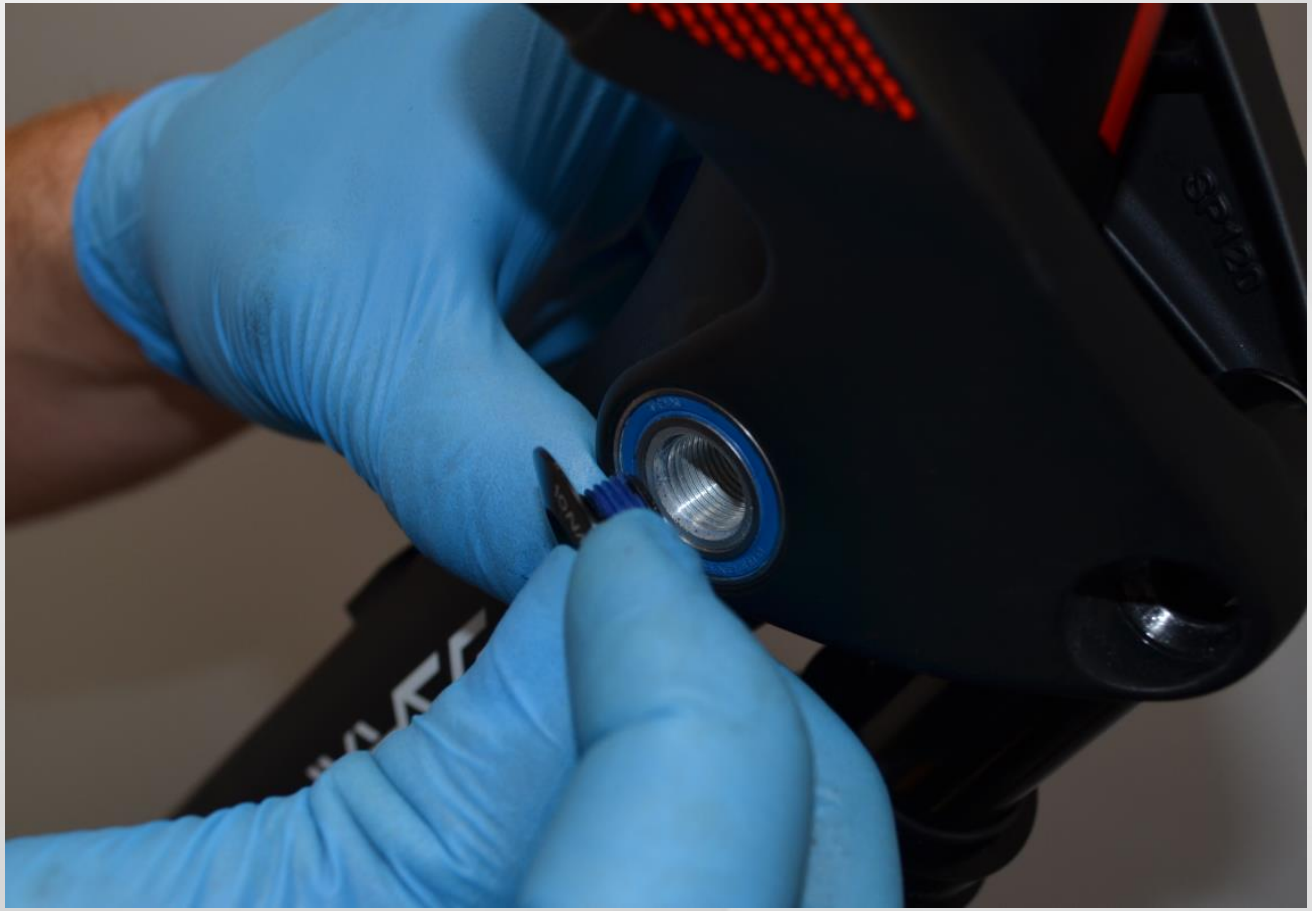


ASSEMBLY

FIT BOTH LINKAGES TO THE MAIN FRAME IN POSITION

ASSEMBLY

FIT BOTH LEFT AND RIGHT LINKAGE BOLTS



ASSEMBLY

POSITION THE SHOCK WITH THE LINKAGE

ASSEMBLY

FIT THE TOP SHOCK BOLT

ASSEMBLY

REMEMBER THIS BOLT IS REVERSE THREAD THE TORX KEY IS TO BE FOUND IN THE SHAFT

ASSEMBLY

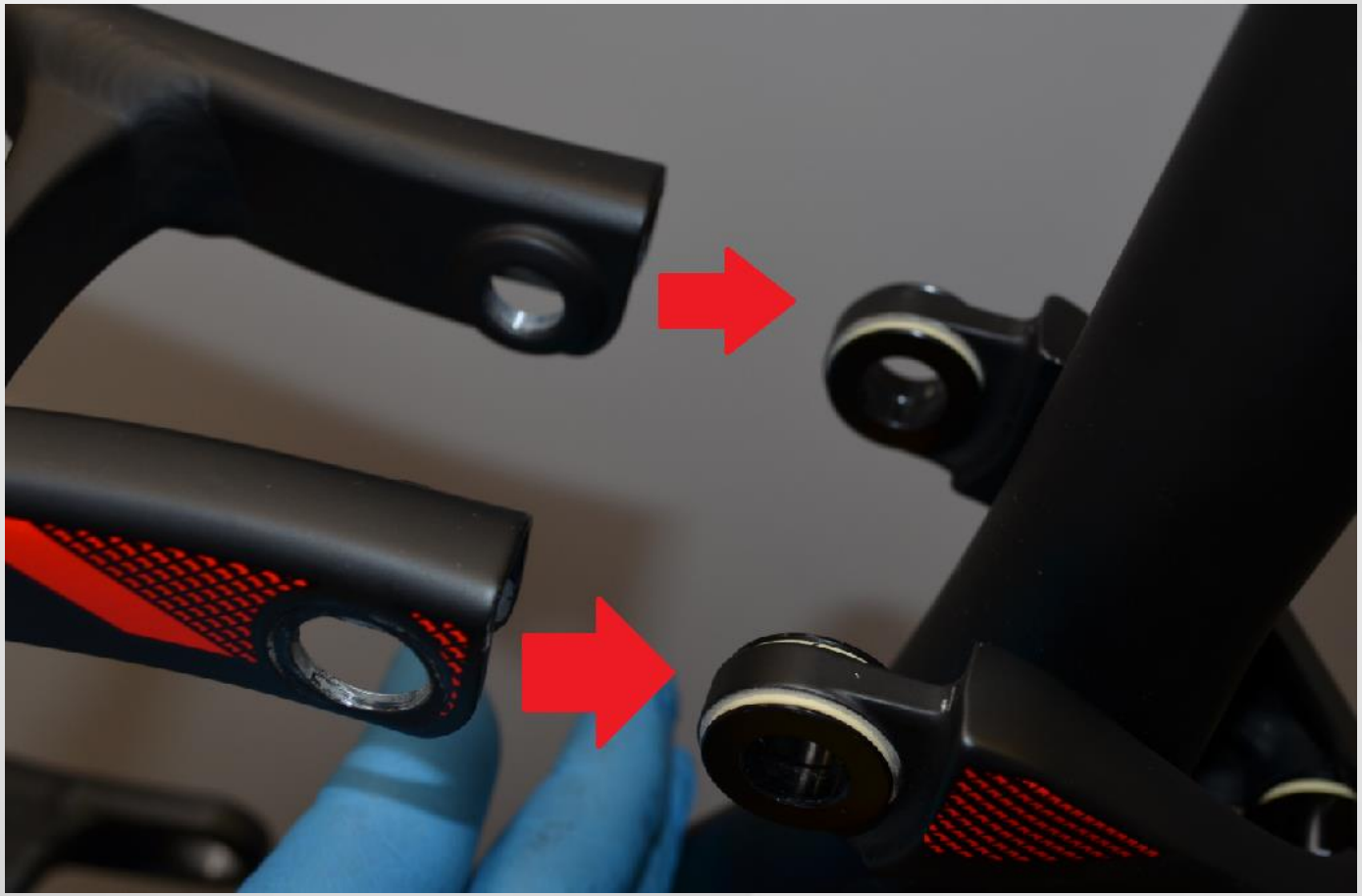
PUSH THE BOLT HEAD WITH A BLUNT OBJECT WHILE THE THREADS GRIP

ASSEMBLY

SET THE TORQUE ON ALL LINKAGE BOLTS 10 N/M

ASSEMBLY

POSITION THE SEATSTAY LINKS OVER THE LINKAGE



ASSEMBLY

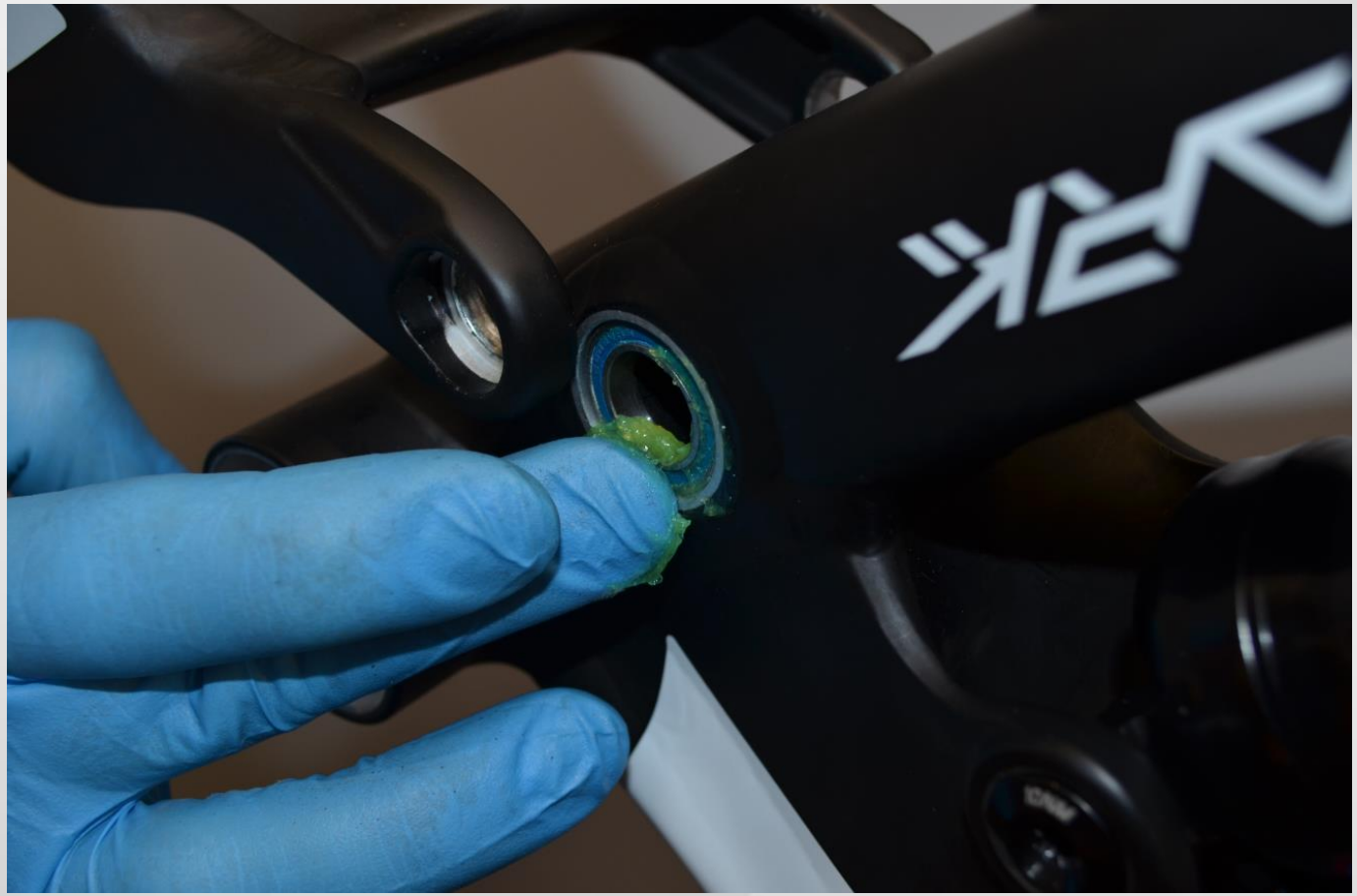
LINE THE PIVOT HOLES UP

ASSEMBLY

INSERT LEFT AND RIGHT BOLTS AND SET TO 10 N/M

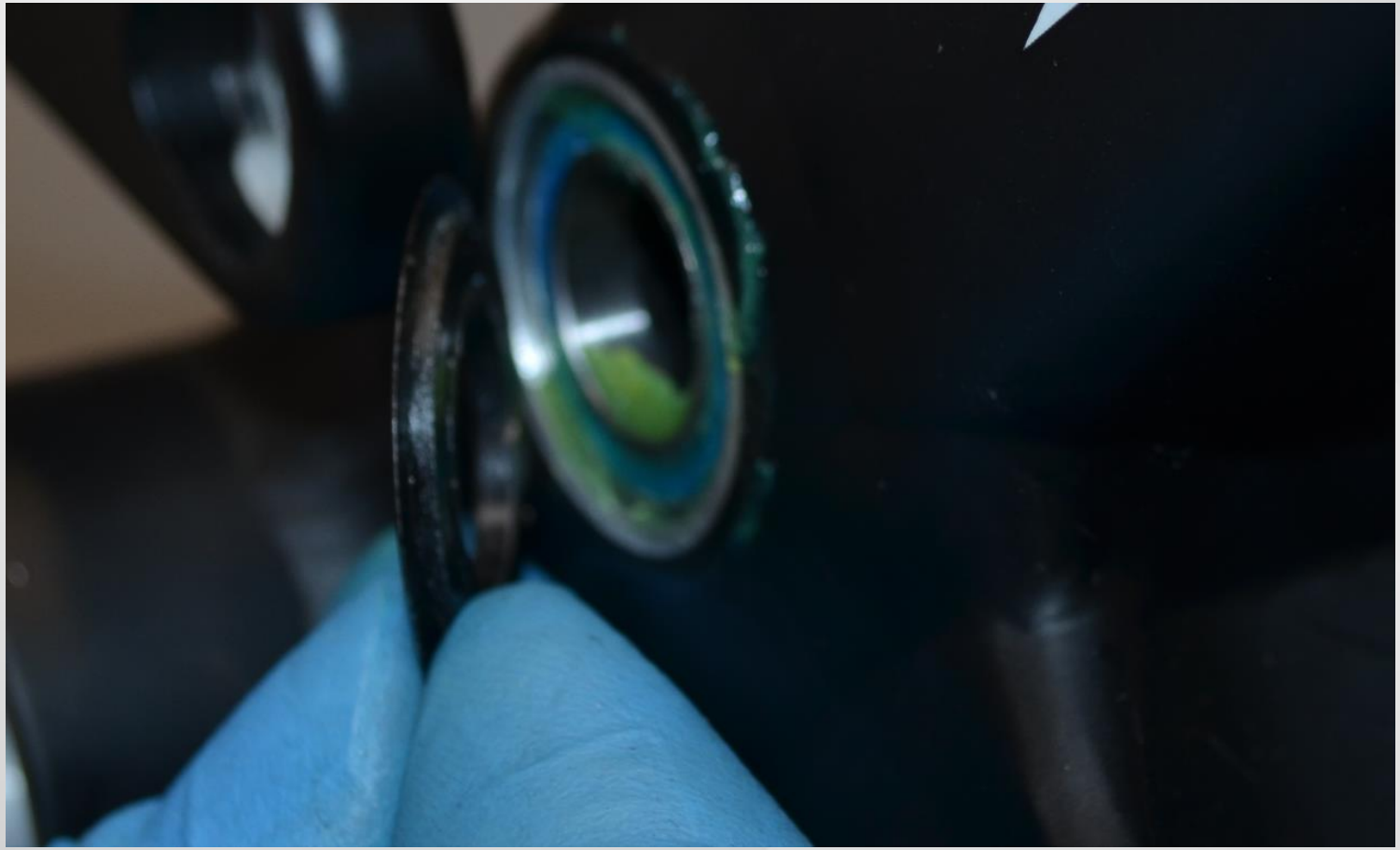
ASSEMBLY

"OPTIONAL" ASS A LITTLE GREASE TO LOWER BEARINGS



ASSEMBLY

PLACE SHIMS OVER THE LEFT AND RIGHT BEARINGS (STEP DOWN TOWARDS THE BEARING)



ASSEMBLY

SLIDE THE CHAINSTAYS OVER THE MAIN PIVOT BEARINGS AND SHIMS

ASSEMBLY

PUSH THE CHAINSTAYS UP WITH LIGHT PRESSURE UNTIL IN POSITION

ASSEMBLY

FIT THE MAIN PIVOT FROM THE NON DRIVE SIDE

ASSEMBLY

FIT DRIVE SIDE NUT OF CHAIN DEVICE