

ENGINEERING TECHNOLOGY 2 FINAL

1. DOWNLOAD PARTS

2. ASSEMBLE PARTS- CREATE 2 SUBASSEMBLIES THEN 1 MASTER ASSEMBLY
OR CREATE 1 MASTER ASSEMBLY

NOTE: CREATE SUB ASSEMBLY FOR INNER AND OUTER SHELL AND THEN ASSEMBLE MAIN
NOTE: MAY USE EXPLODE OR PIN/SLIDE CONNECTIONS FOR ASSEMBLY

3. CREATE COVER PAGE: MUST INCLUDE AT LEAST THE FOLLOWING

EXPLODED ASSEMBLY (SHOW ASSEMBLY LINES AND NOTES)

PICTORIAL ASSEMBLY

ORTHOGRAPHIC SECTION

BOM CHART (NOTE NUTS AND BOLTS ARE LISTED BUT NOT LAID OUT)

MAY ADD OTHER VIEWS AS NEEDED TO SHOW SCOPE OF PROJECT

4. CREATE AN ANIMATION THAT DOES THE FOLLOWING

EXPLODES AND REASSEMBLES. MUST HAVE 3 EXPLODED VIEWS

1. BOLTS AND NUTS EXPLODE AWAY FROM BODY

2. EXPLODE OUTER ASSEMBLY

3. EXPLODE INNER ASSEMBLY

360 DEGREE ROTATION OF ASSEMBLY

ONE TRANSPARENCY CHANGE WHEN PART IS FULLY ASSEMBLED (HIDE OUTER SHELL)

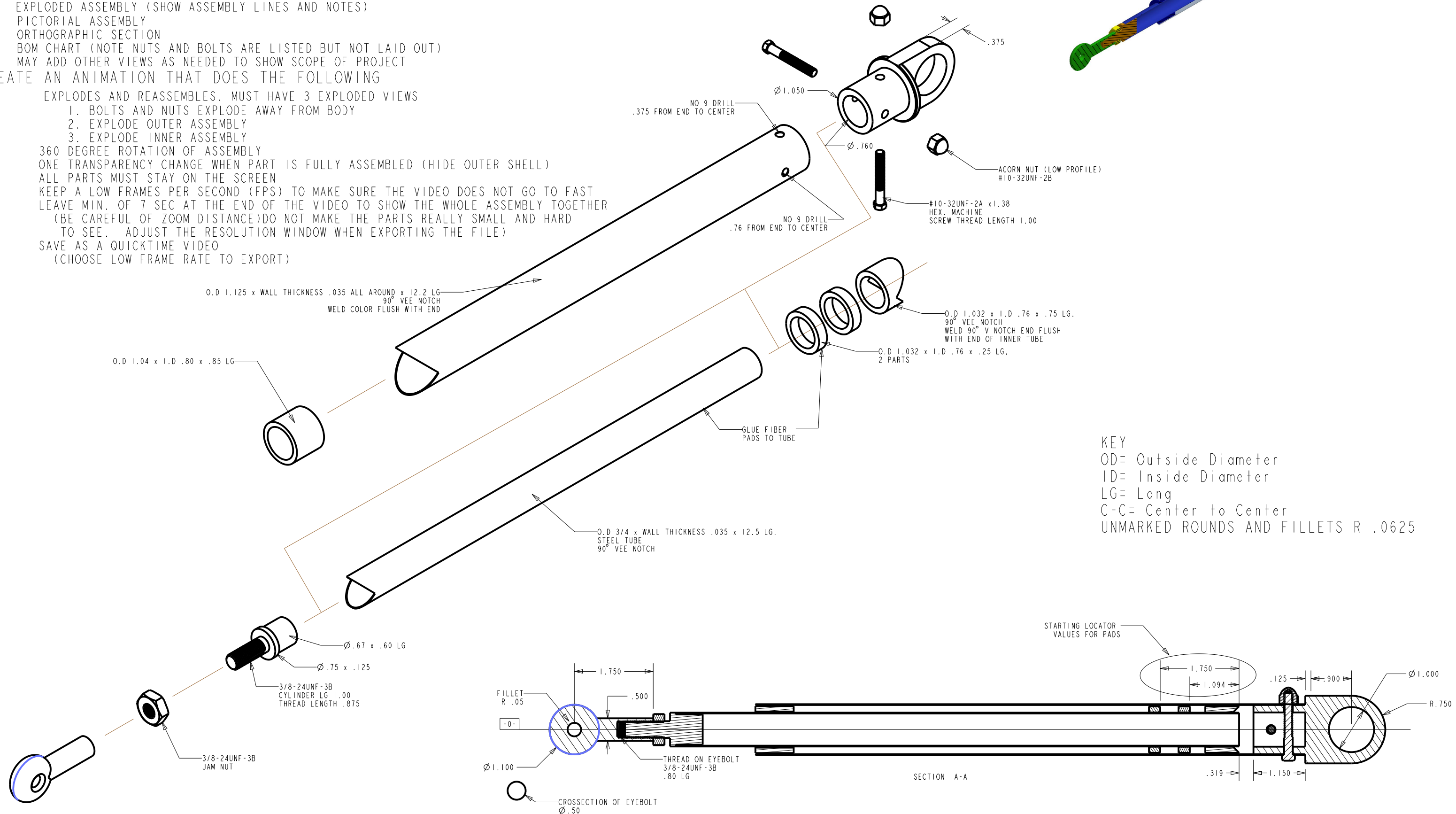
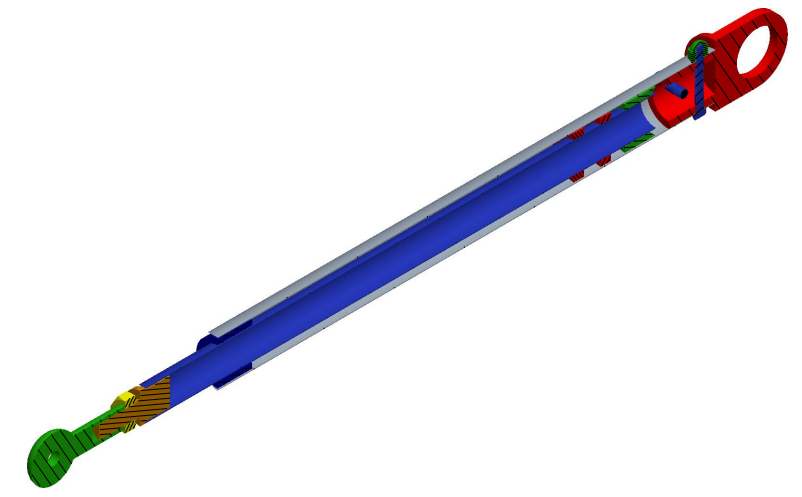
ALL PARTS MUST STAY ON THE SCREEN

KEEP A LOW FRAMES PER SECOND (FPS) TO MAKE SURE THE VIDEO DOES NOT GO TO FAST
LEAVE MIN. OF 7 SEC AT THE END OF THE VIDEO TO SHOW THE WHOLE ASSEMBLY TOGETHER

(BE CAREFUL OF ZOOM DISTANCE) DO NOT MAKE THE PARTS REALLY SMALL AND HARD
TO SEE. ADJUST THE RESOLUTION WINDOW WHEN EXPORTING THE FILE)

SAVE AS A QUICKTIME VIDEO

(CHOOSE LOW FRAME RATE TO EXPORT)



KEY
OD= Outside Diameter
ID= Inside Diameter
LG= Long
C-C= Center to Center
UNMARKED ROUNDS AND FILLETS R .0625