

Fitting Instructions

ISSUE CHANGES –

ISSUE	DATE	CHANGES
1	17.01.23	TECHNICAL SERVICE BULLETIN CREATED
2	21.03.23	QR CODE ADDED TO ACCESS ONLINE VIDEO
3	04.09.23	ADDITIONAL INFORMATION ADDED TO PAGE 15 TO ASSIST WITH SELECTING CORRECT BRACKETRY

Safety Warning

These Fitting Instructions are for informational purposes only. Shelbourne Reynolds makes no representation or warranty, express or implied, regarding the information provided herein. Under no circumstances will Shelbourne Reynolds have any liability to you for any loss or damage resulting from the use of these instructions or reliance on any information provided. It is extremely dangerous to carry out any work on a machine while it is under power. Never remove or reattach any parts unless the machine is fully turned off and disengaged.

Please read all safety instructions contained in your operators manual and observe all safety signs attached to the Stripper header. Your use of these instructions is solely at your own risk. Please use proper safety equipment at all times.



Refer to the Operators Manual for additional information and Safety Procedures

These instructions are worded if the kit was being installed while the header is mounted on a combine, to have the stripping rotor set in the slowest position and implement the safe stop procedure.

If not the pulley drive and actuator may need rotating and cycling to assist.

Recommended Tools List:

13mm Socket + Extension	13mm Wrench	Block of Wood
17mm Socket	19mm Wrench	Large Mallet
19mm Socket	2x 30mm Wrenches	Tie wraps
24mm Socket (for ½" Impact)	M10 x 1.5 Tap	2 Medium Pry Bars
3mm Allen Key	Hydraulic Press (OPTIONAL)	Large Pry Bar
Anti-Seize / Copper slip	Thread Lock (Loctite)	

All the information in this Fitting Instruction is also contained in a video, scan the QR code to access.



1 - RUN THE MACHINE UNTIL ROTOR PULLEY IS FULLY OPEN, ROTOR SPEED AT MAXIMUM.



STOP THE MACHINE AND IMPLEMENT THE SAFE STOP.

25mm

OPEN THE DRIVE GUARD AND WEDGE PULLEYS OPEN

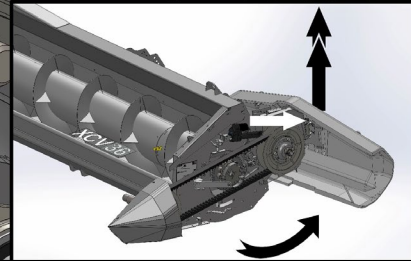


DO NOT PUT HANDS BETWEEN PULLEY SHEAVES

2 - REMOVE THE GUARD.

13mm

13mm



3 - LOOSEN THE TIE ROD.

30mm

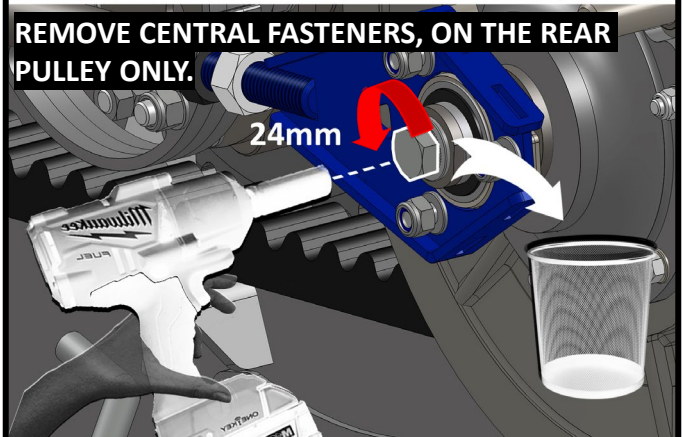
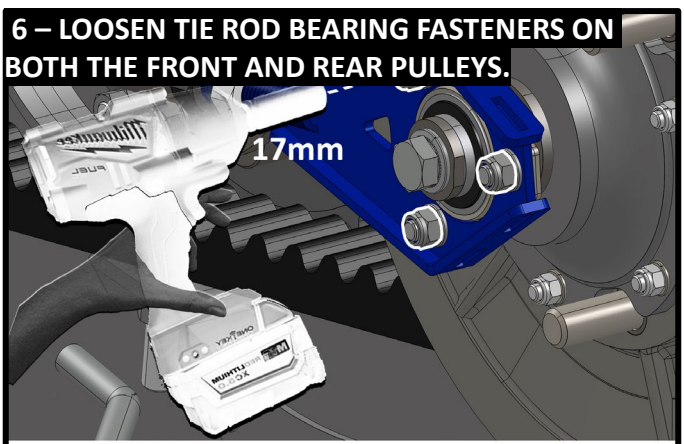
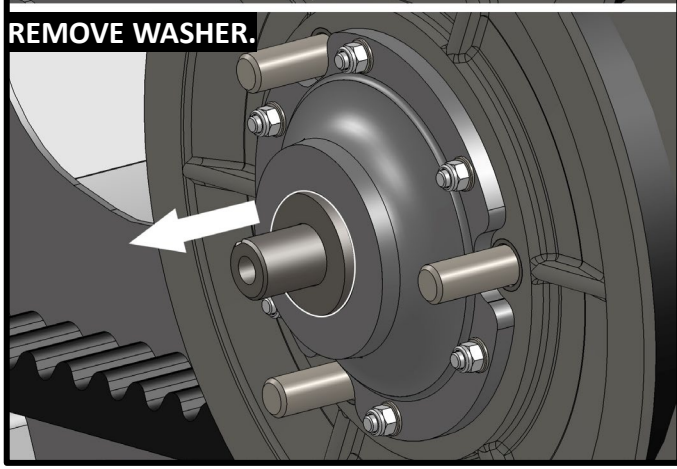
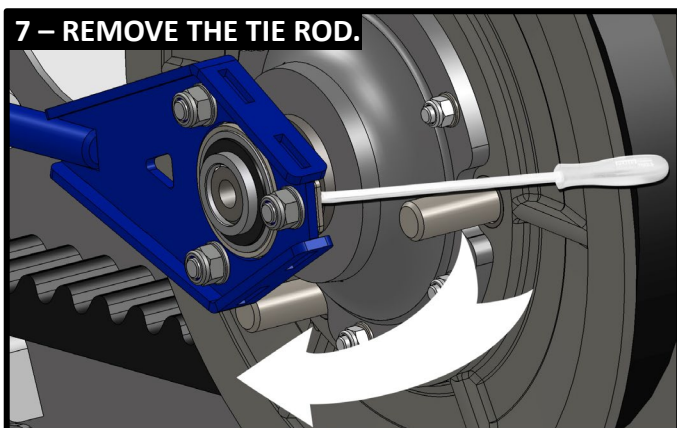
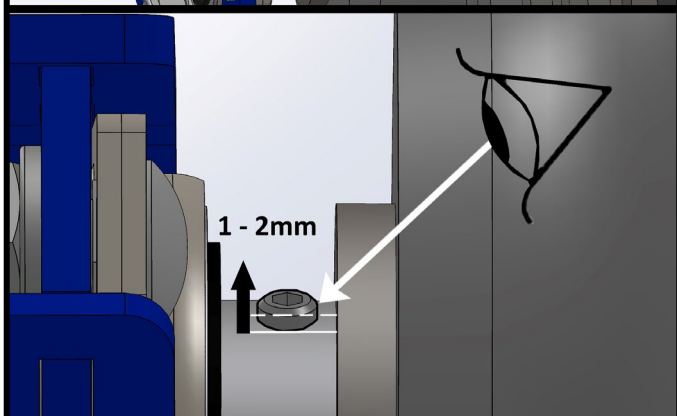
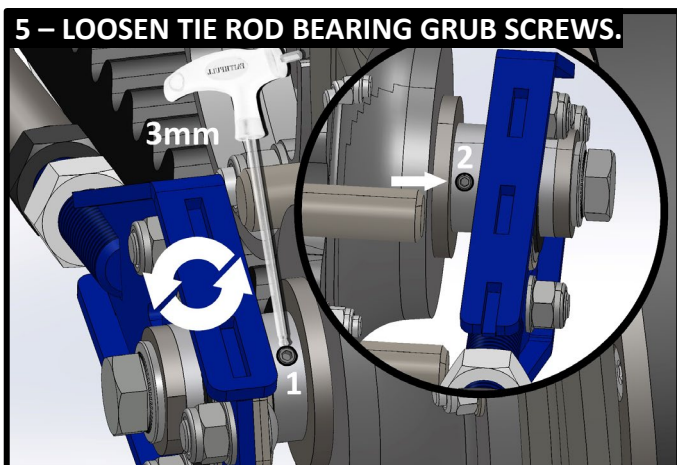
30mm

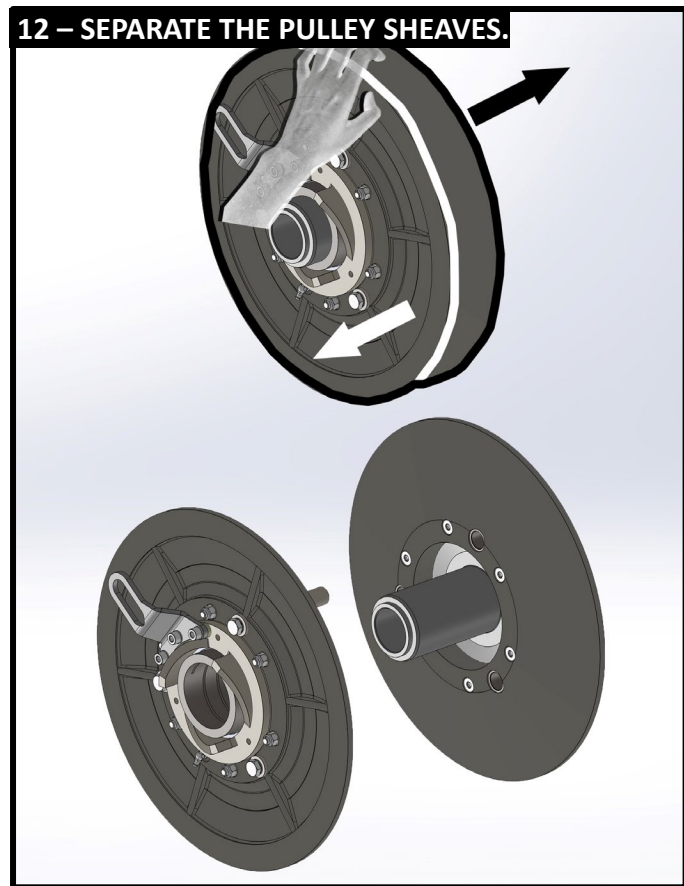
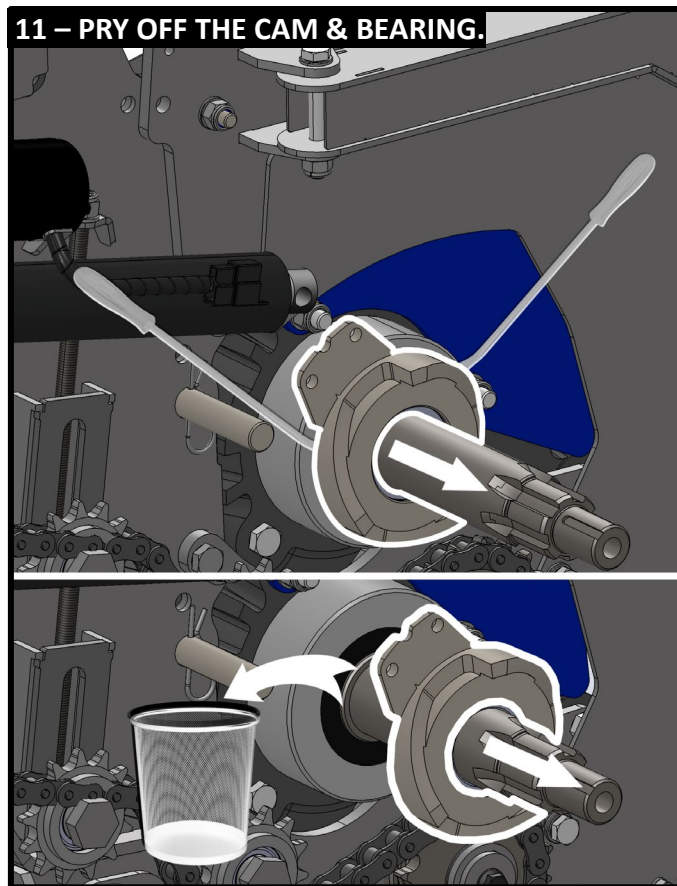
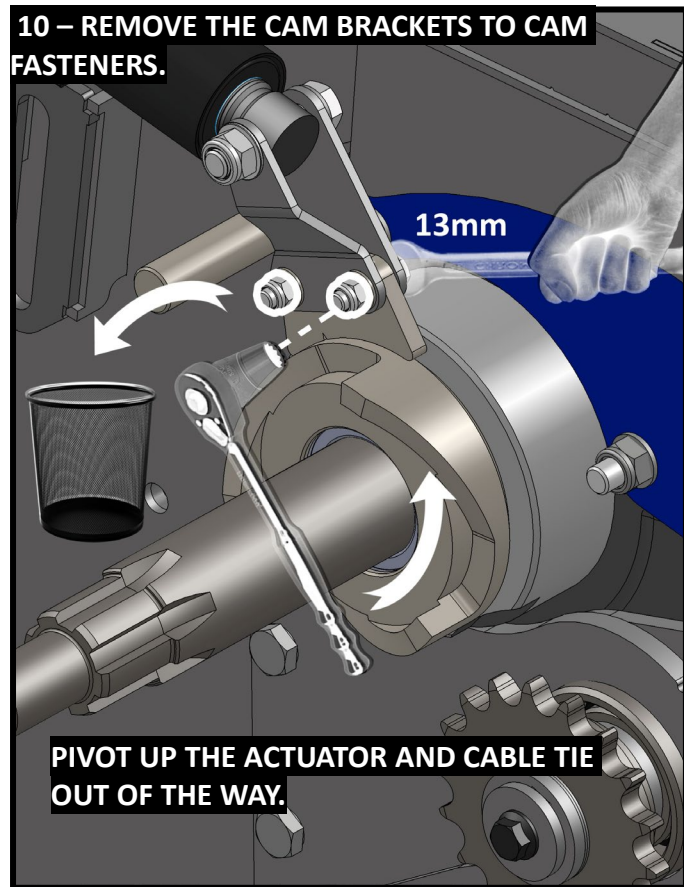
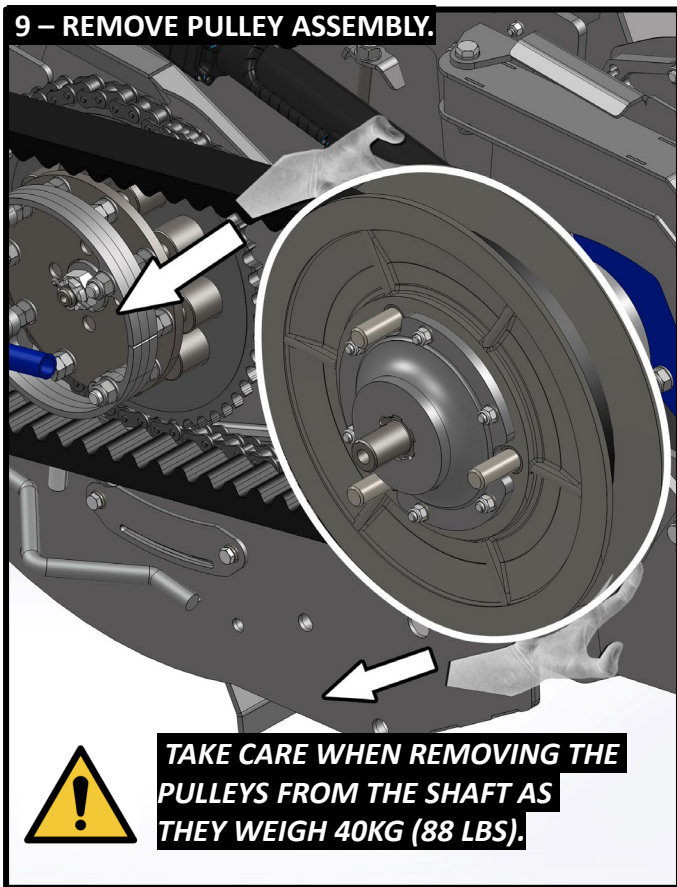
4 - LOOSEN THE TIE ROD SUPPORT FASTENERS.

13mm

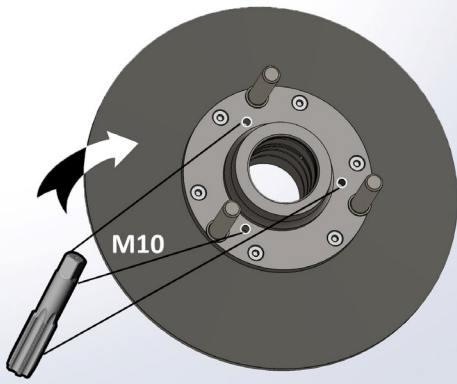
13mm

SHAKE UP AND DOWN TO ENSURE NO BINDING ON THE TIE ROD OR REMOVE COMPLETELY.

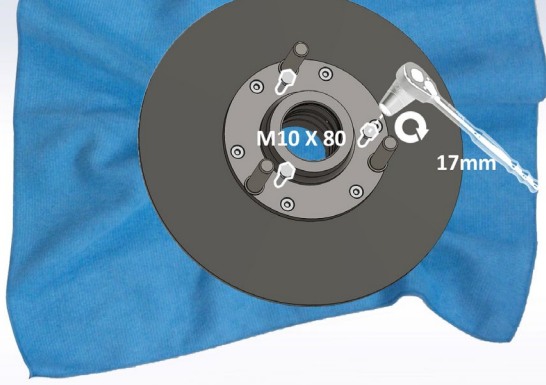




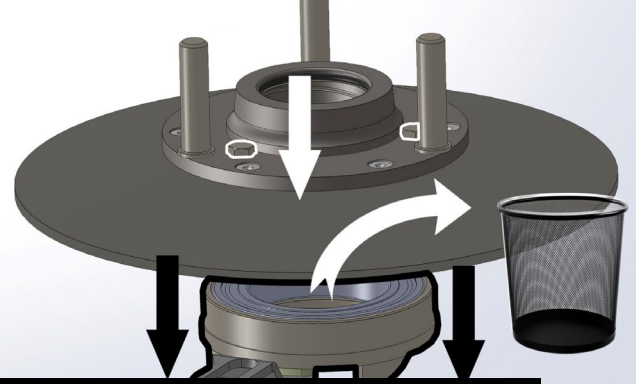
13 – TAP OUT THE 3 HOLES.



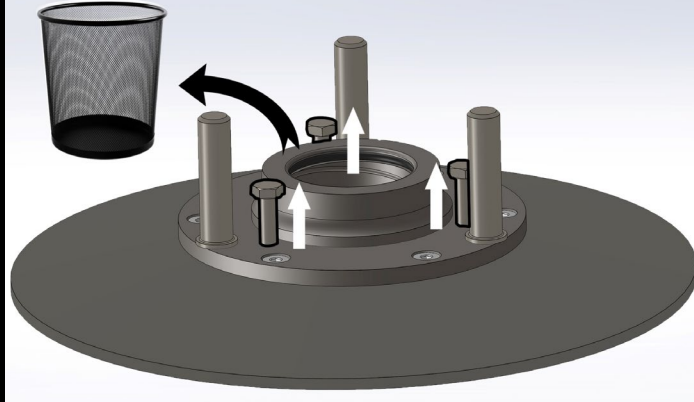
SCREW IN THE SET SCREWS.



14 – PUSH OUT THE BEARING & CAM.



REMOVE THE SET SCREWS AFTERWARDS.

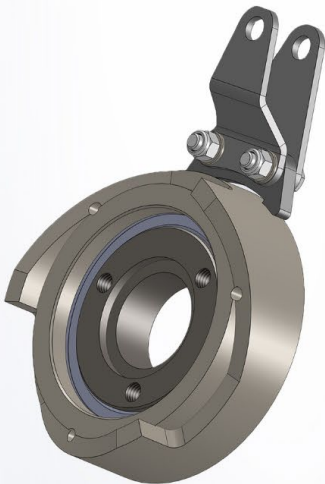


CAM PLATE & ACTUATOR BRACKET OPTIONS

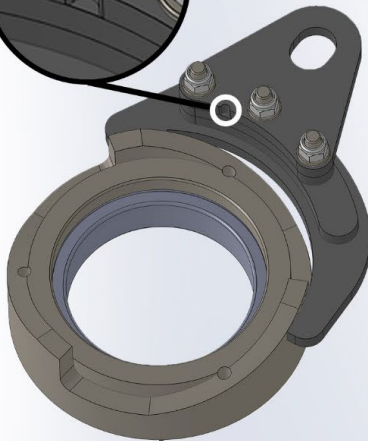
ALL XCV
2018 & ON CVS



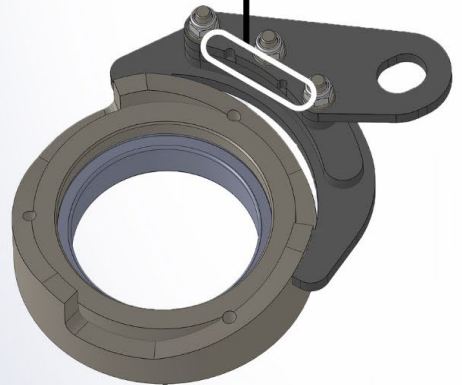
ALL XCV
2018 & ON CVS



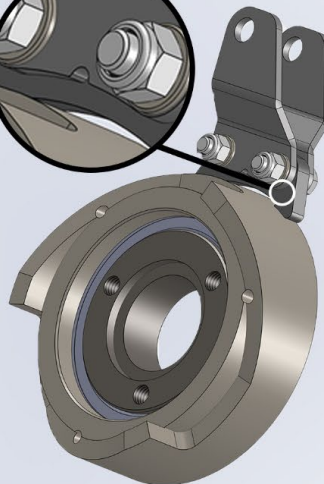
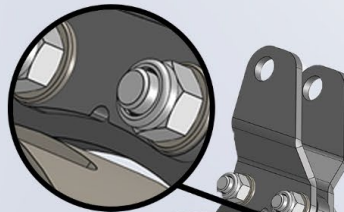
2001-2017 CVS & RVS
2001 - 2006 CVS & RVS,
WITHOUT ROTOR GEARBOX
ONLY

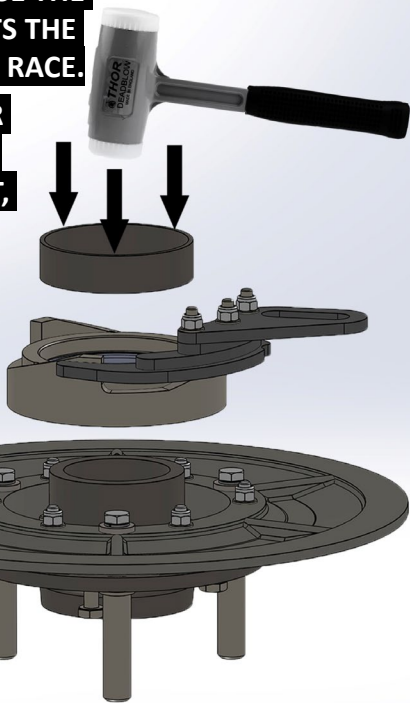
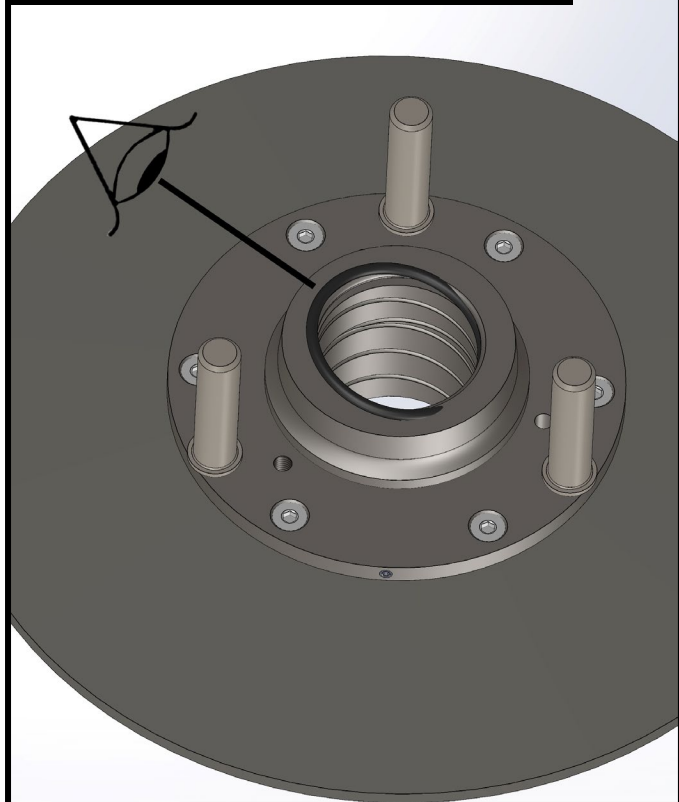
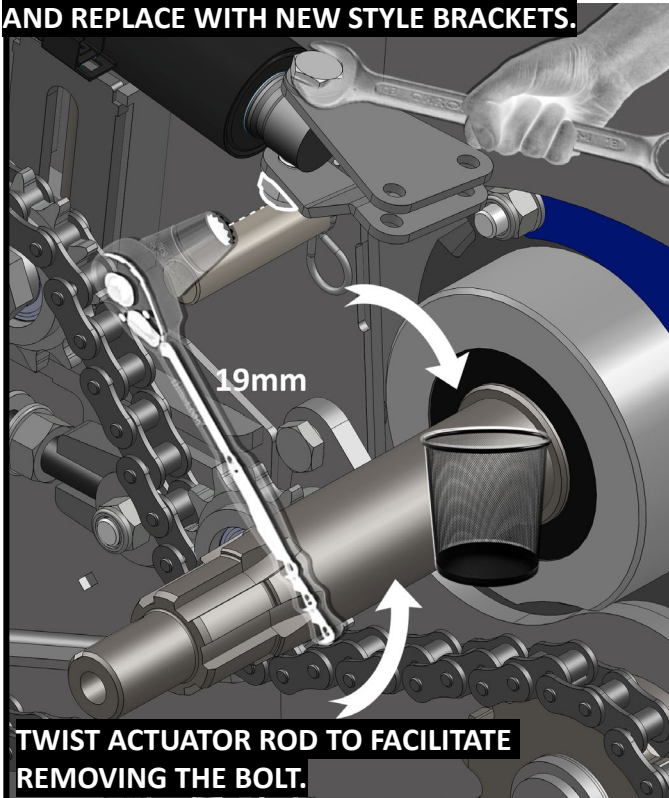
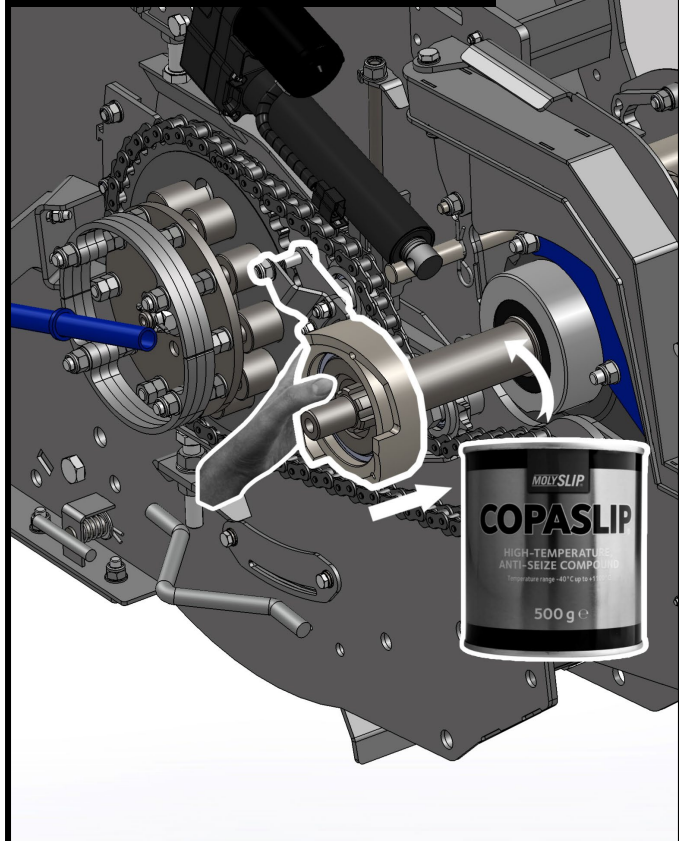


2001 - 2006 CVS & RVS,
WITH ROTOR GEARBOX
ONLY

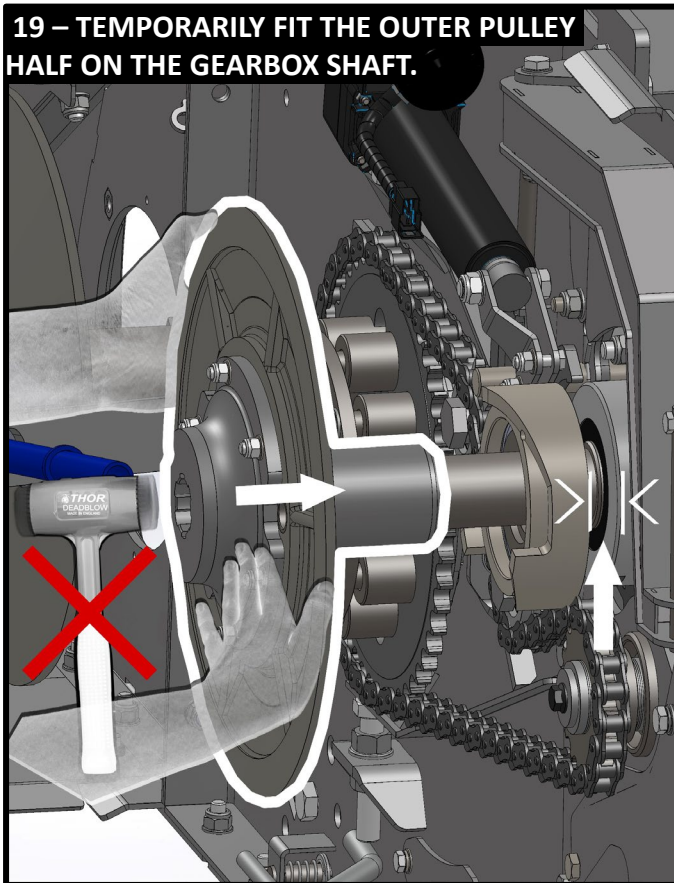


2001-2017 CVS & RVS

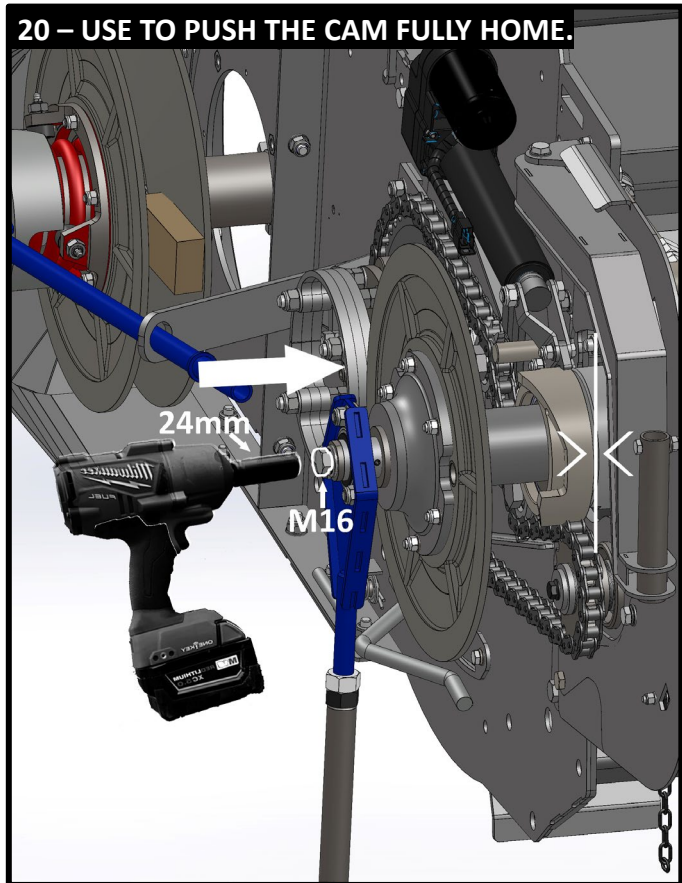


15 – FIT THE NEW CAM BEARING.**IMPORTANT - USE THE TUBE THAT SUITS THE BEARING INNER RACE.****USE A PRESS OR CAREFULLY TAP WITH A MALLET, (x3) IN A SEQUENCE.****16 – INSPECT THE O-RING AND GREASE GROOVES BEFORE REASSEMBLING THE REAR PULLEY.****17 – REMOVE THE ACTUATOR FASTENER HOLDING ON THE OLD BRACKETS, DISCARD AND REPLACE WITH NEW STYLE BRACKETS.****TWIST ACTUATOR ROD TO FACILITATE REMOVING THE BOLT.****18 – SLIDE ON NEW CAM ASSEMBLY.**

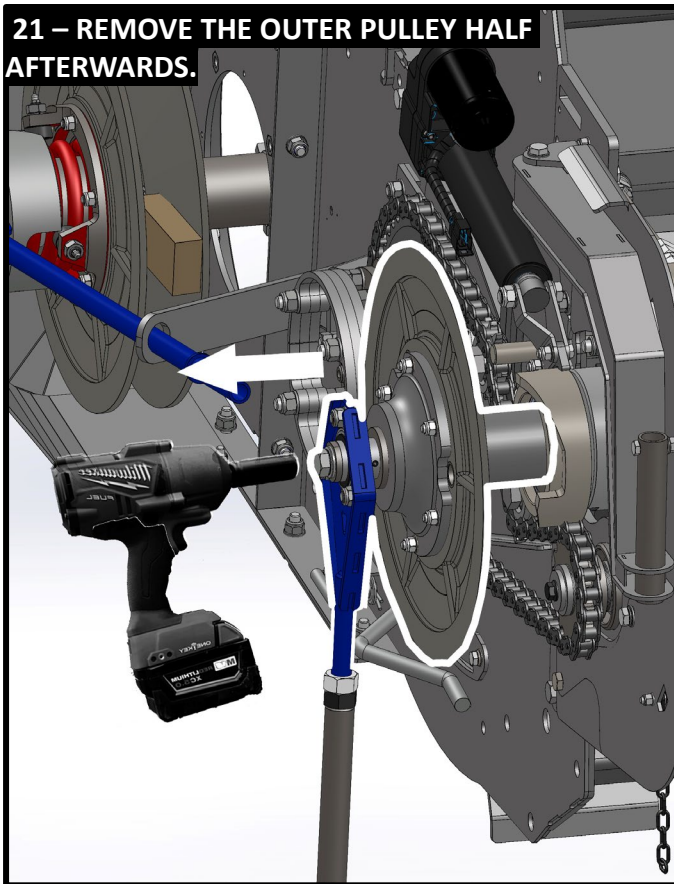
19 – TEMPORARILY FIT THE OUTER PULLEY HALF ON THE GEARBOX SHAFT.



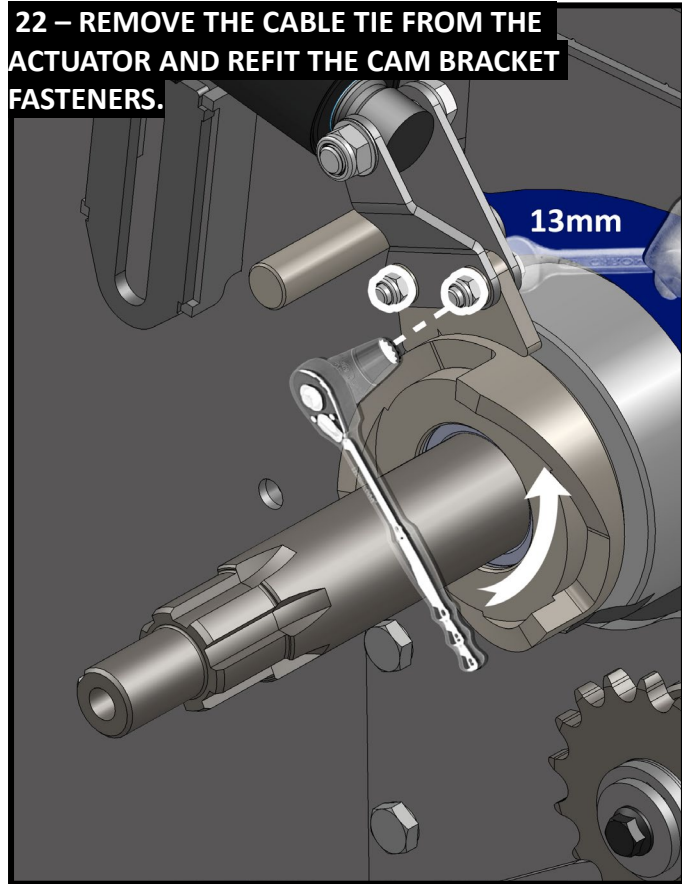
20 – USE TO PUSH THE CAM FULLY HOME.

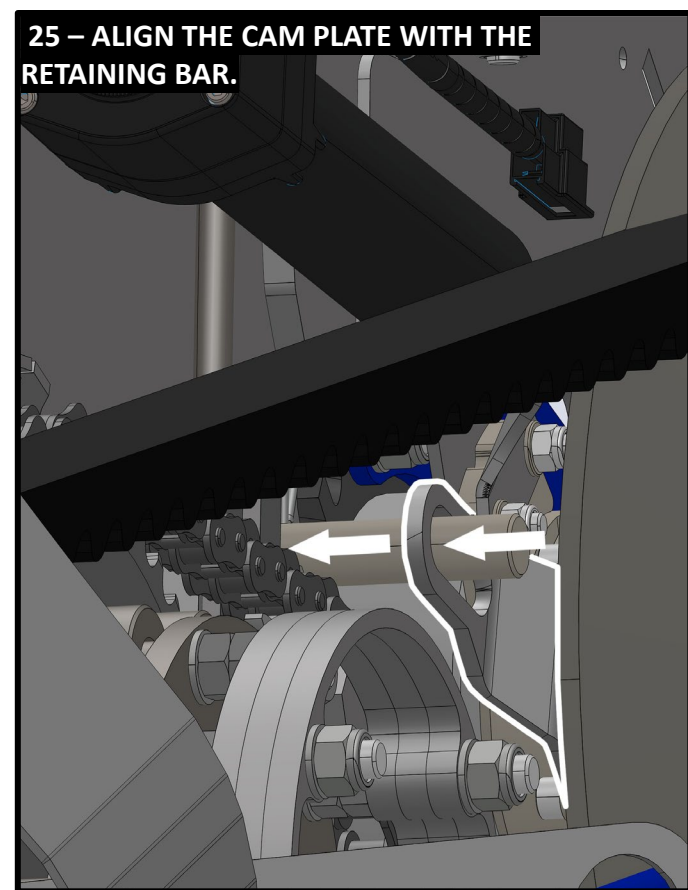
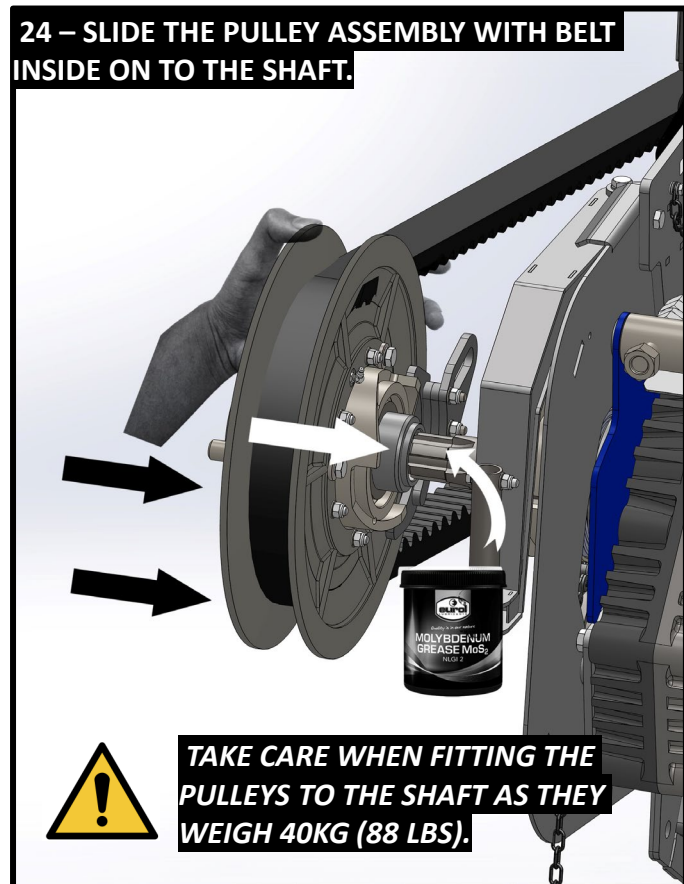
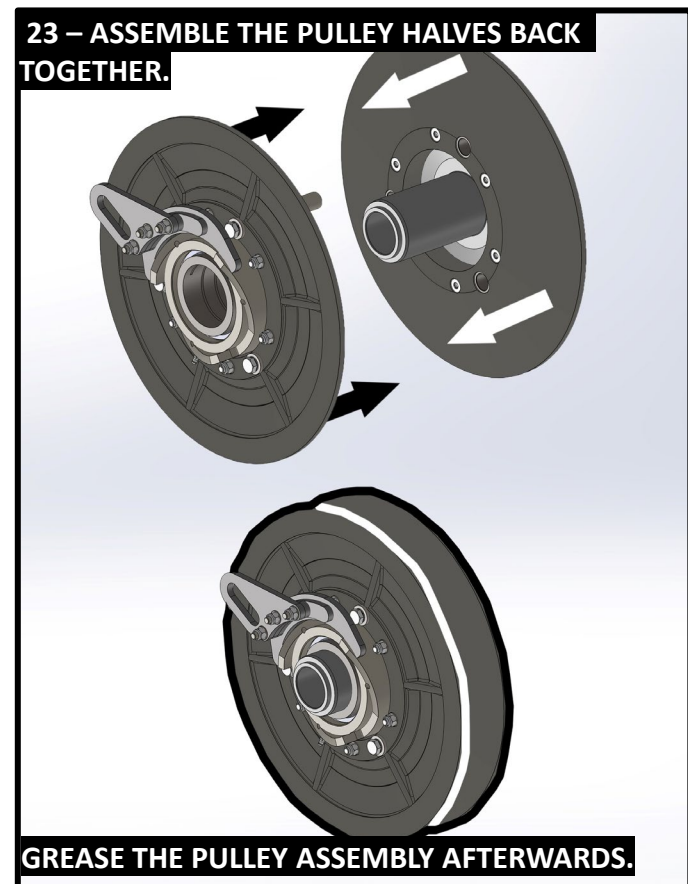


21 – REMOVE THE OUTER PULLEY HALF AFTERWARDS.

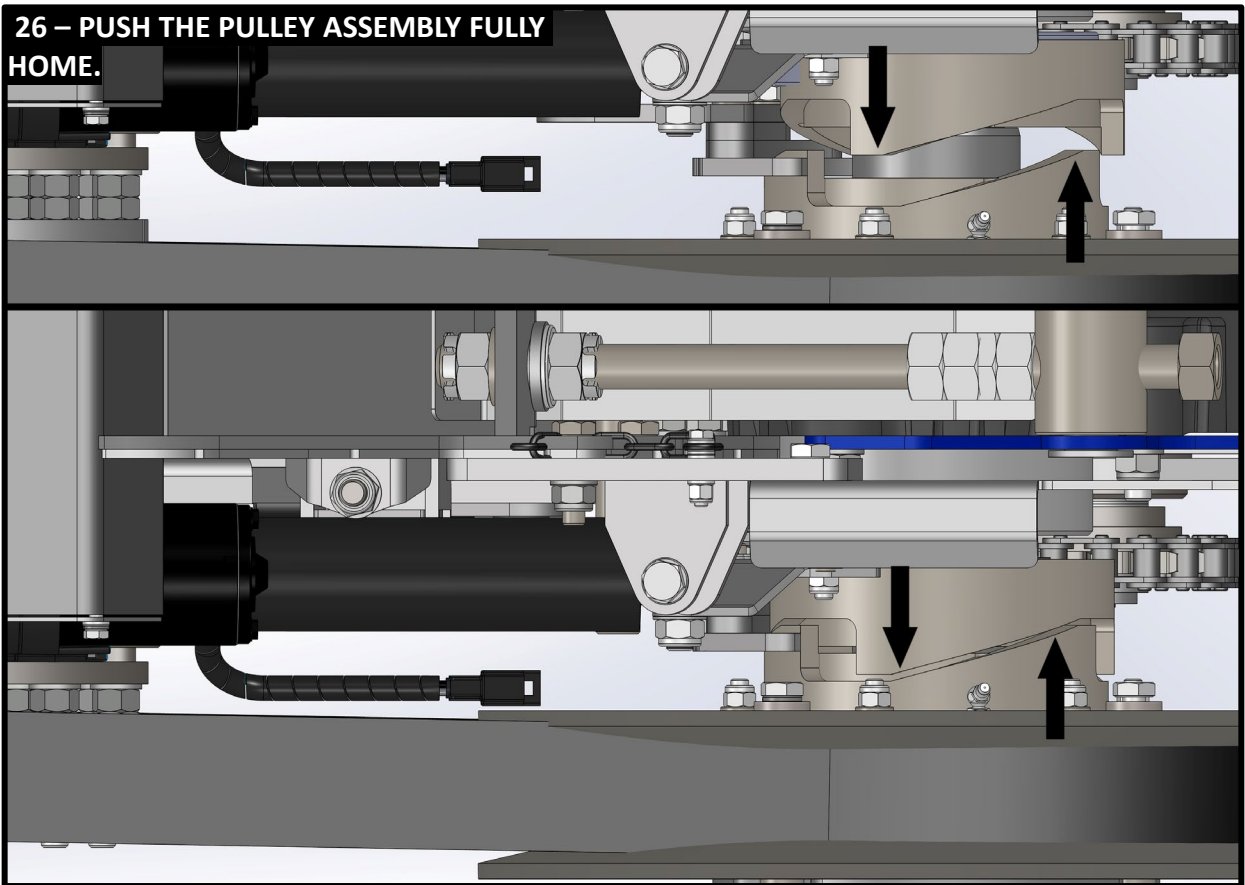


22 – REMOVE THE CABLE TIE FROM THE ACTUATOR AND REFIT THE CAM BRACKET FASTENERS.

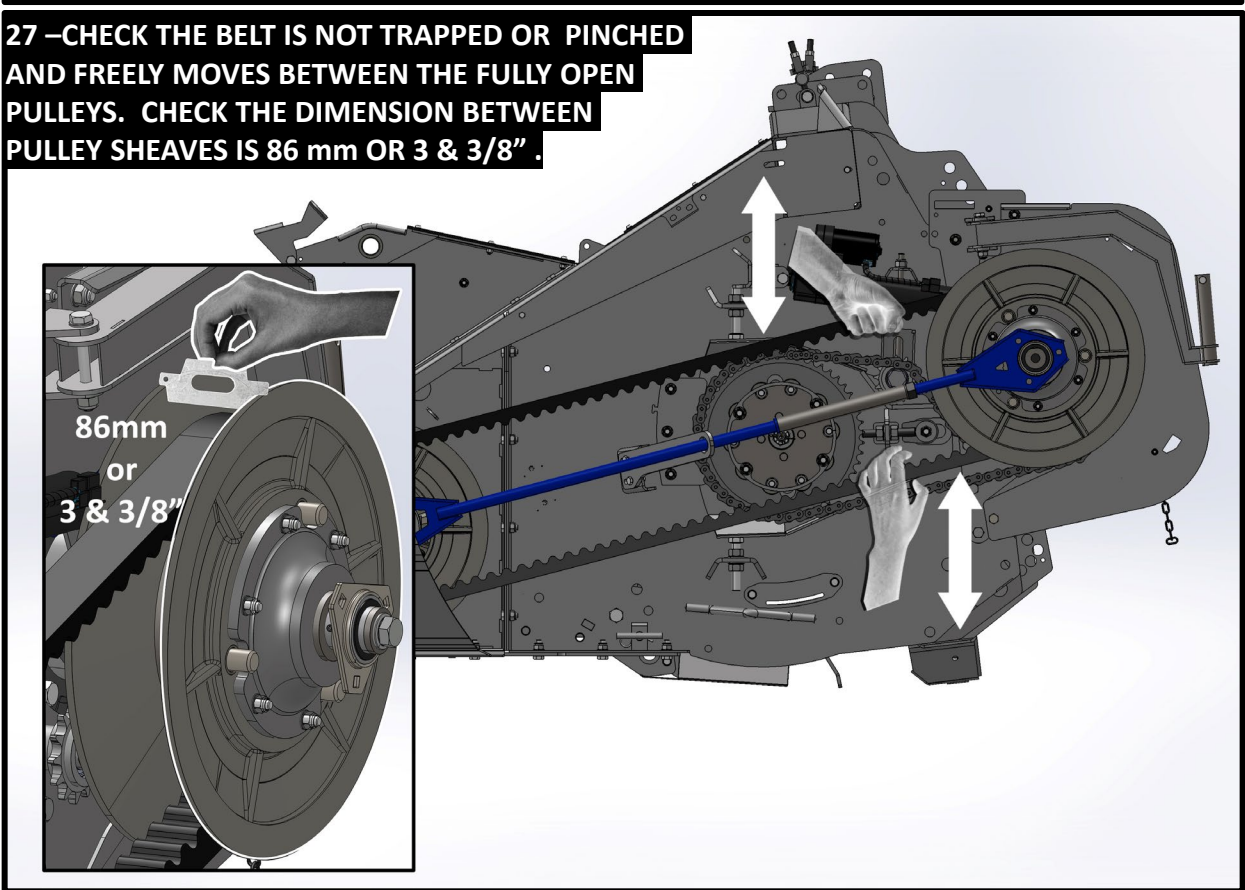


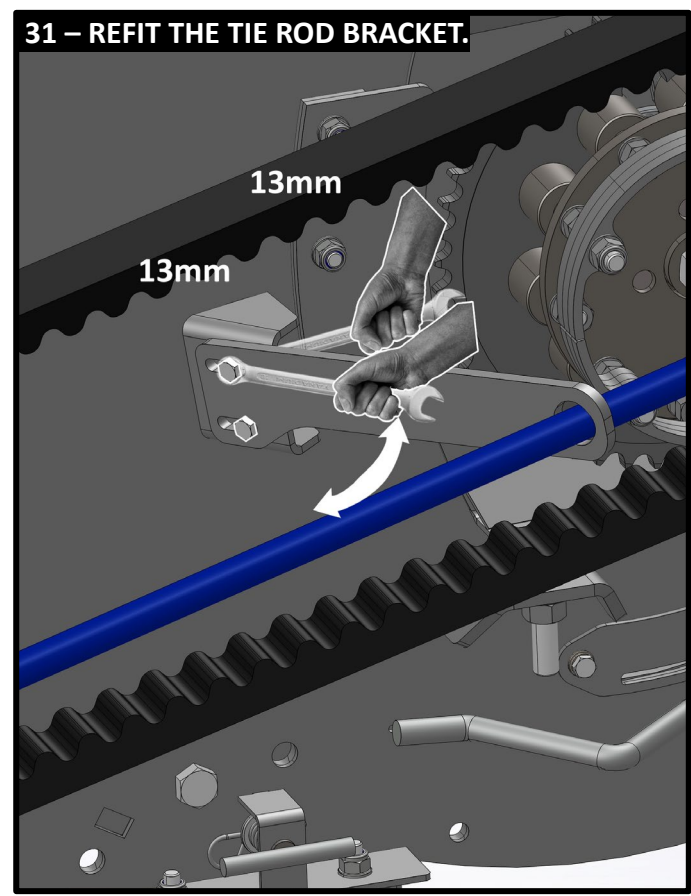
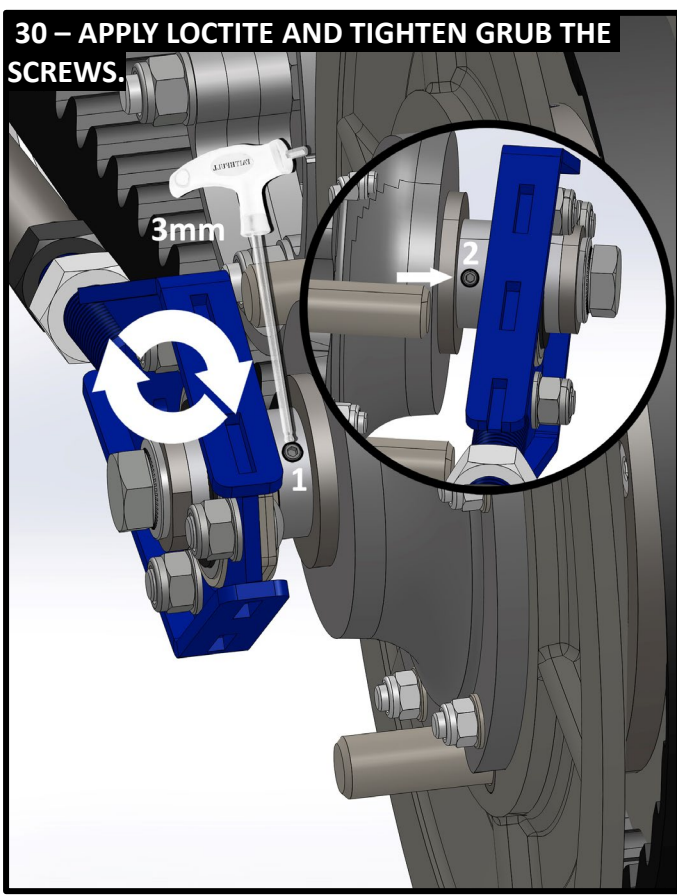
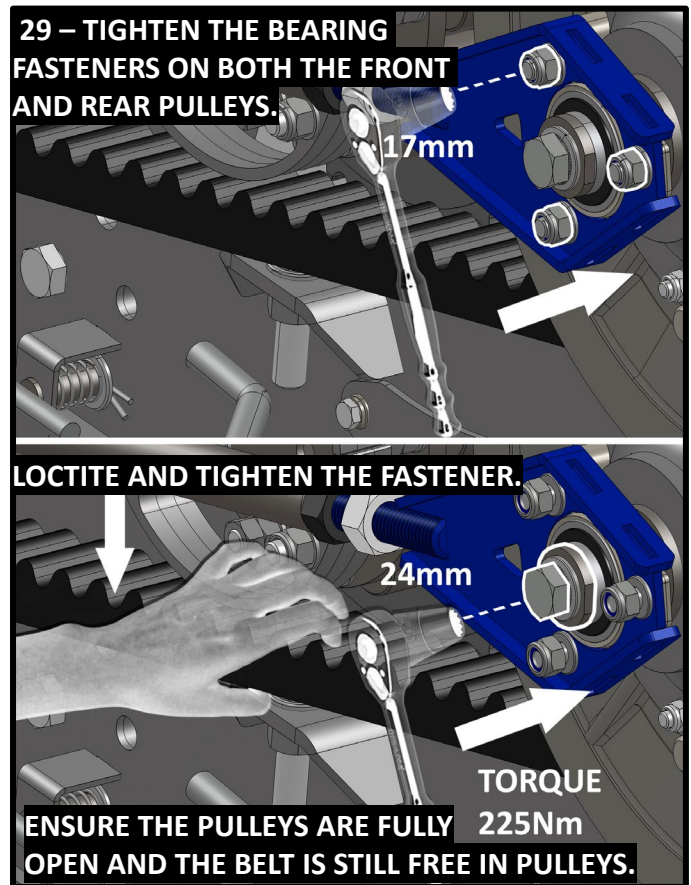
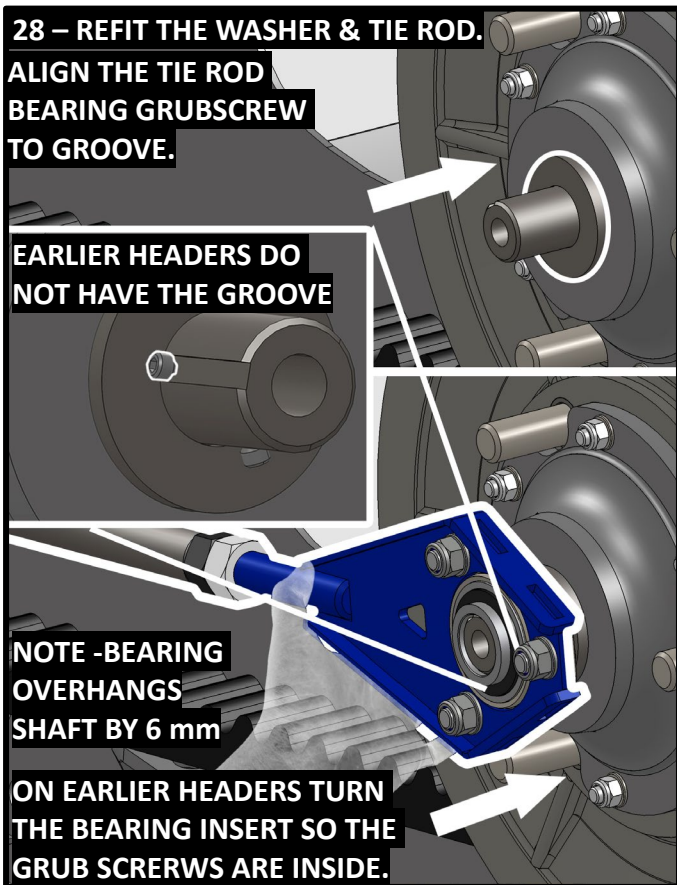


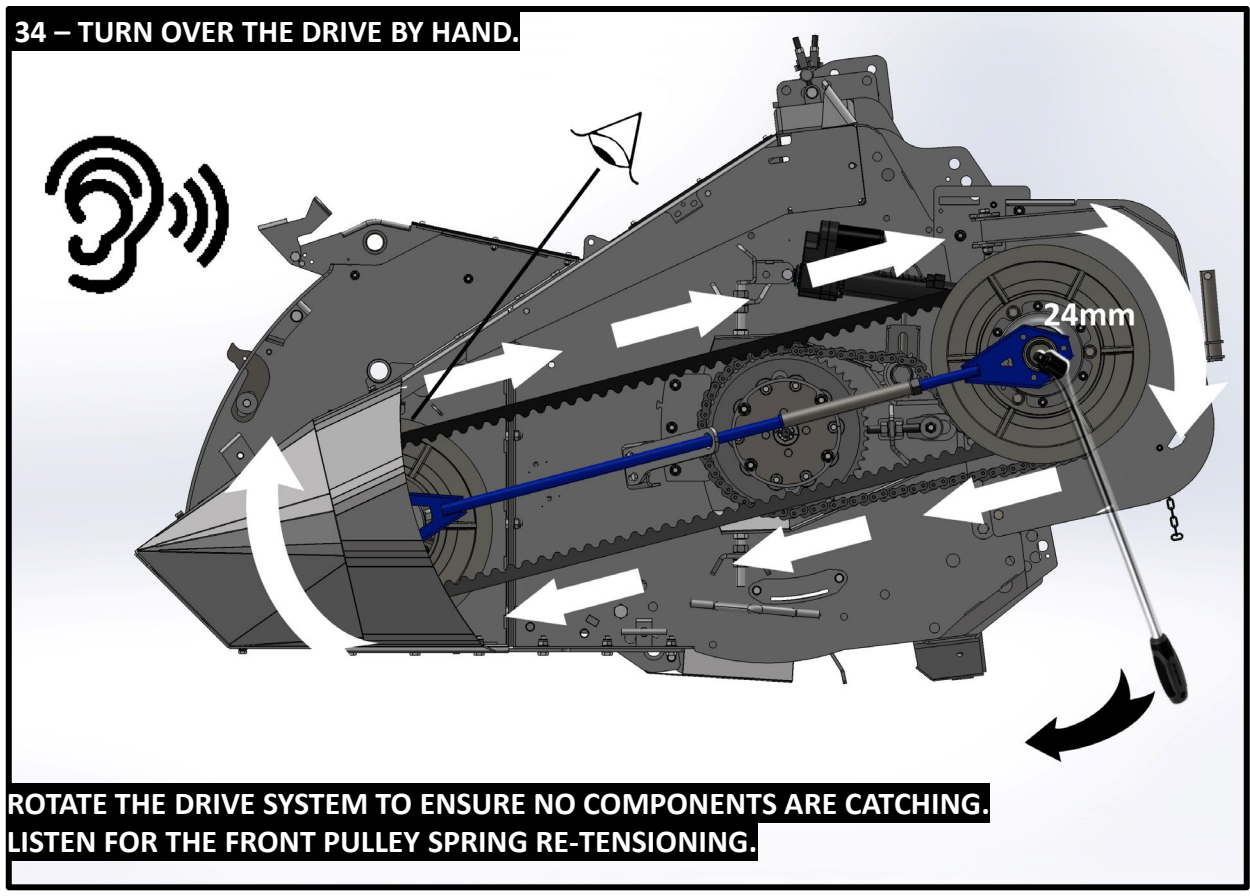
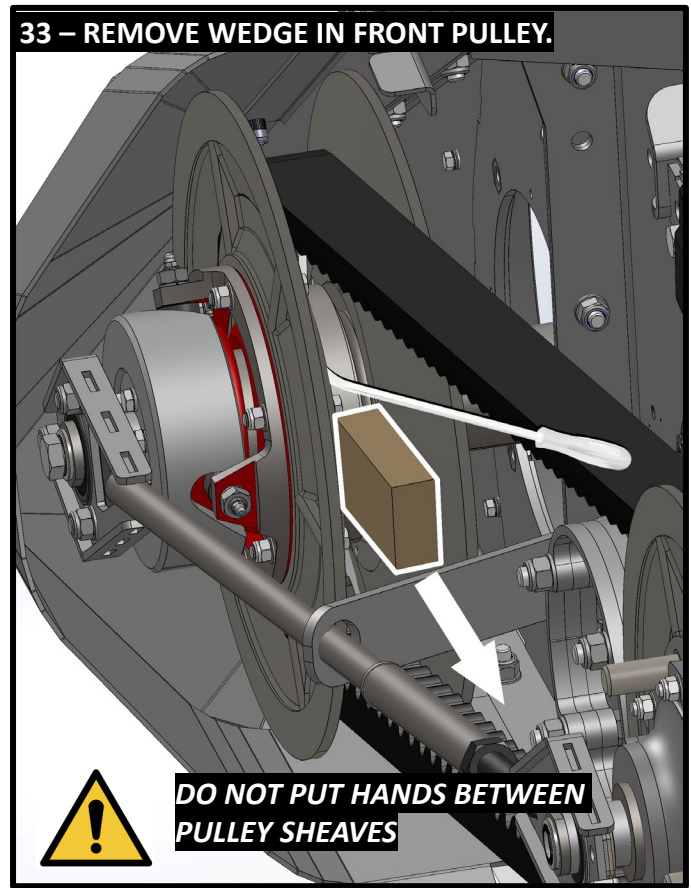
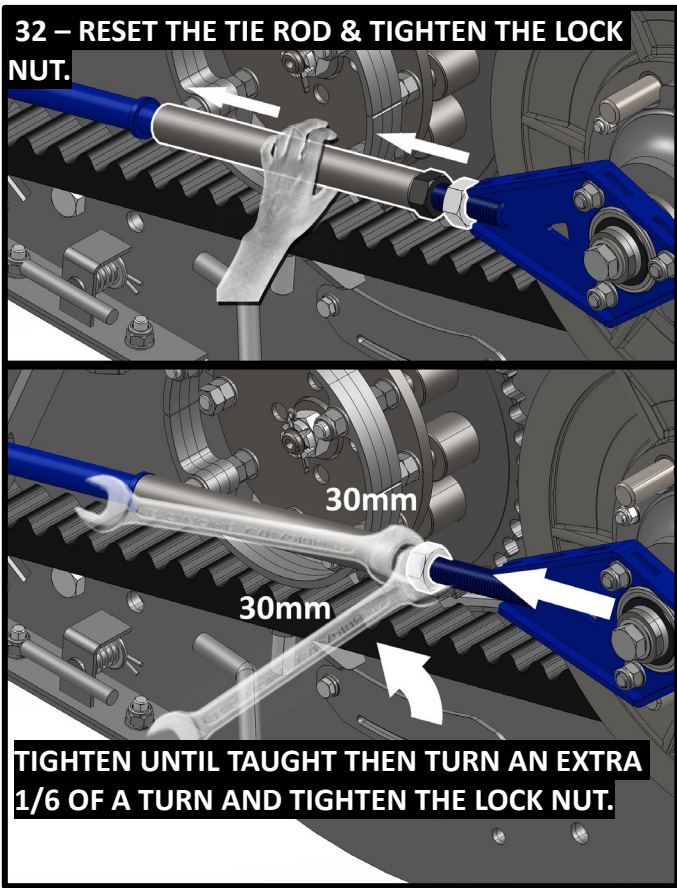
26 – PUSH THE PULLEY ASSEMBLY FULLY HOME.



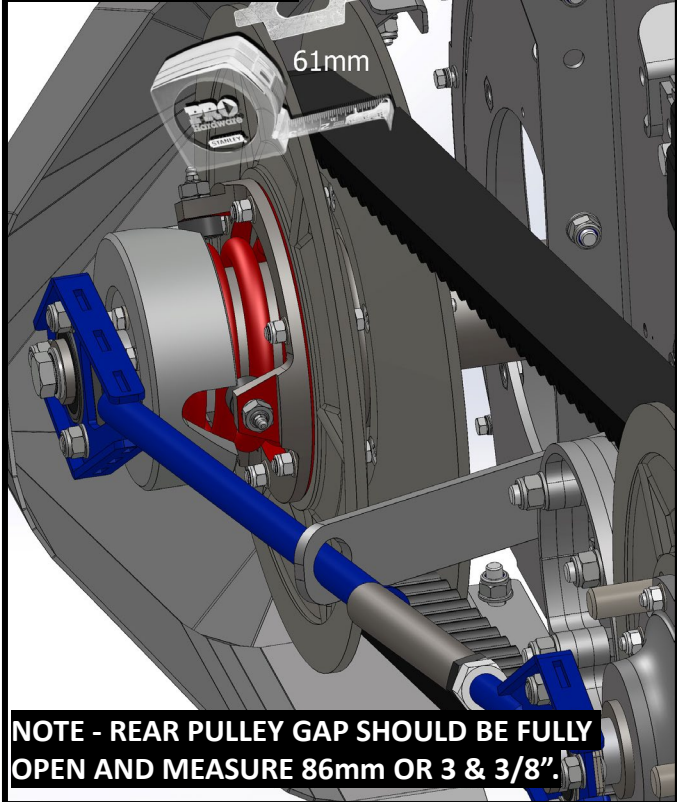
27 – CHECK THE BELT IS NOT TRAPPED OR PINCHED AND FREELY MOVES BETWEEN THE FULLY OPEN PULLEYS. CHECK THE DIMENSION BETWEEN PULLEY SHEAVES IS 86 mm OR 3 & 3/8” .





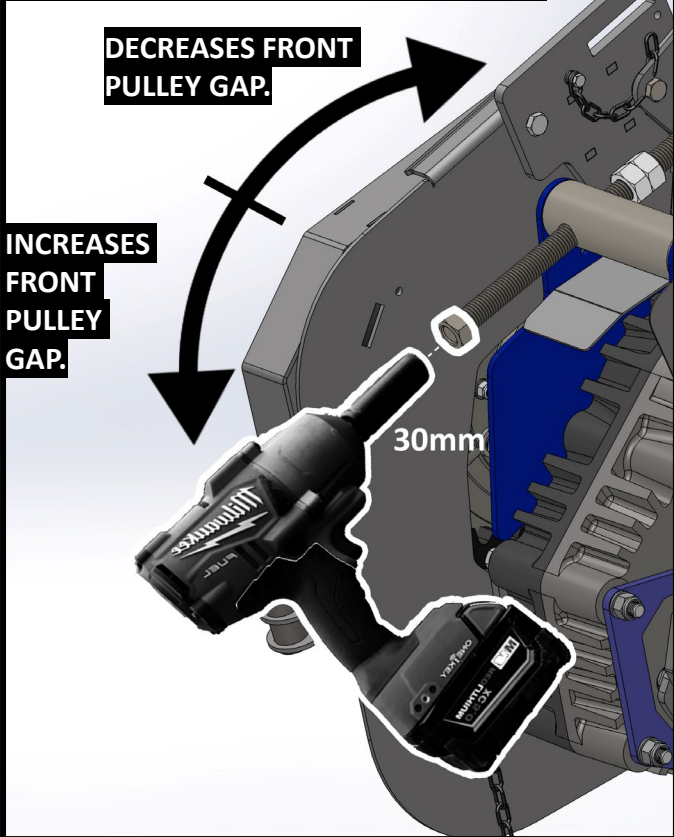


35 – CHECK THE FRONT PULLEY GAP, SHOULD BE 61mm OR 2 & 13/32”.

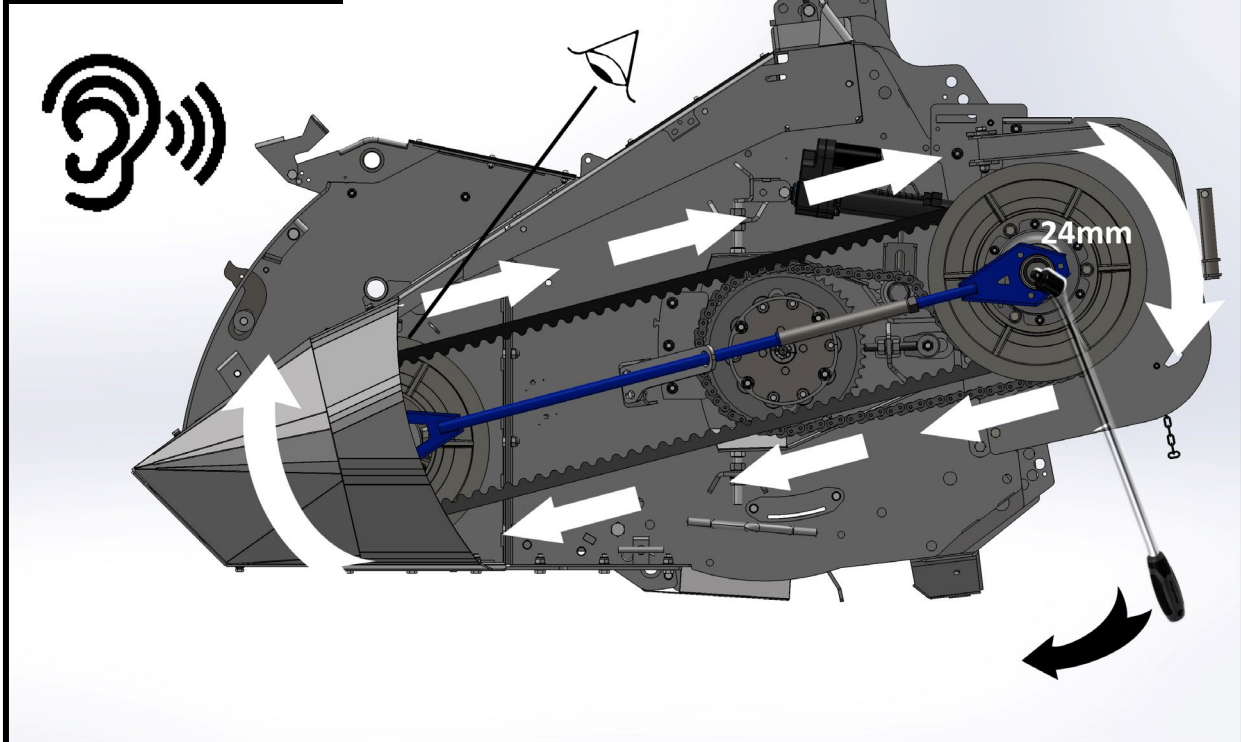


NOTE - REAR PULLEY GAP SHOULD BE FULLY OPEN AND MEASURE 86mm OR 3 & 3/8”.

36 – PIVOT THE GEARBOX IF NECESSARY.

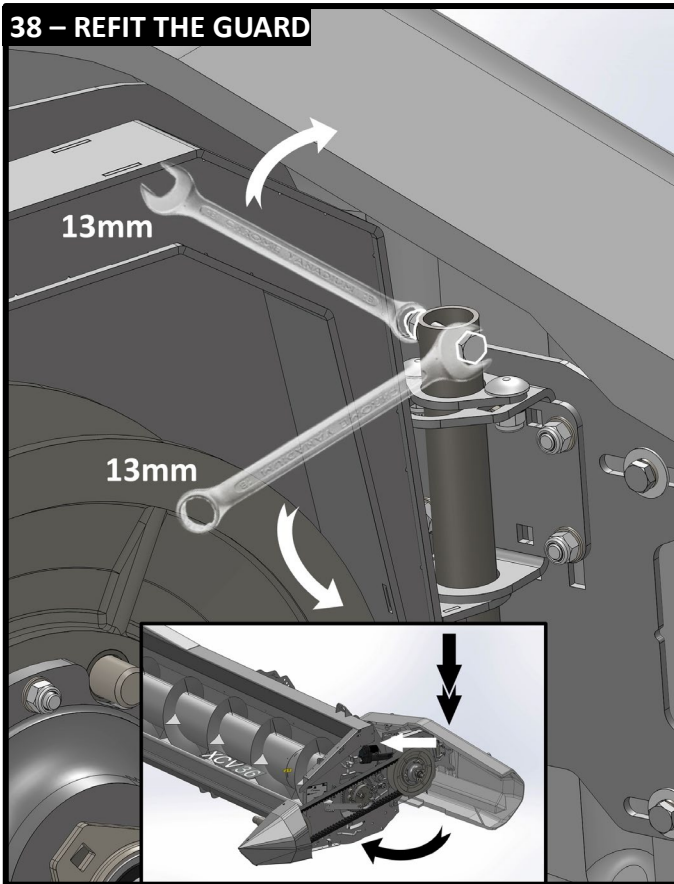


37 – TURN OVER THE DRIVE BY HAND AFTER ADJUSTING THE GEARBOX POSITION.



ROTATE THE DRIVE SYSTEM TO ALLOW THE BELT TO RE SETTLE IN THE PULLEYS.

38 – REFIT THE GUARD



**REPLACE AND CLOSE THE GUARD
BEFORE RUNNING THE HEADER.**

Shelbourne Reynolds Engineering Limited

ASSY NUMBER: KIT-01454		ASSY DESCRIPTION: VS DRIVE CAM & BEARING KIT, ALL YEARS	
ITEM	PART NO	DESCRIPTION	QTY
1	BRG-19500NC3	BEARING	2
2	292733 01	STATIC CAM W/A	1
3	HSS-0150	HEX HD SET SCREW	2
4	HSS-0316	HEX HD SET SCREW	1
5	NUT-0263	NYLOC NUT	5
6	WSH-0012	PLAIN WASHER	5
7	WSHA30161	LOCKWASHER	1
8	292704 01	ACTUATOR CAM W/A	1
9	292695 01	BEARING BOSS	1
10a	292709 01	ACTUATOR BRKT	1
OR		XCV 2012 AND ON (ALL YEARS) & CVS 2018 & ON (PRE-ASSEMBLED)	
10b	292740 02	RH ACTUATOR BRKT (1 NOTCH)	1
11a	292710 01	CVS & RVS 2001-2017 FOLDED ACTUATOR BRKT XCV 2012 AND ON (ALL YEARS) & CVS 2018 & ON (PRE-ASSEMBLED)	1
OR			
11b	292740 01	LH ACTUATOR BRKT (1 NOTCH)	1
12	WSH-0019	CVS & RVS 2001-2017 PLAIN WASHER	1
13	WSH-0018	PLAIN WASHER	1
14	BLTA12350	HEX HD BOLT	1
15	NUT-0270	NYLOC NUT	1
16a	292737 01	BOLT ON STATIC CAM PLATE XCV 2012 AND ON (ALL YEARS) & CVS 2018 & ON (PRE-ASSEMBLED)	1
OR			
16b	292739 01	BOLT ON STATIC CAM (1 NOTCH) CVS & RVS 2007-2017 CVS & RVS 2001-2006, WITHOUT ROTOR GEARBOX	1
OR			
16c	292741 01	STATIC CAM PLATE (2 NOTCHES) CVS & RVS 2001-2006, WITH ROTOR GEARBOX 3 BOLT SPACER	1
17	292736 01	HEX HD SET SCREW	1
18	HSS-0153	HEX HD SET SCREW	3
19	HSSA10500	HEX HD SET SCREW	3

FOR ASSEMBLY INFORMATION
SEE VS DRIVE CAM & BEARING INSTRUCTIONS.
INSTRUCTIONAL VIDEO CAN BE FOUND AT
www.shelbourne.com

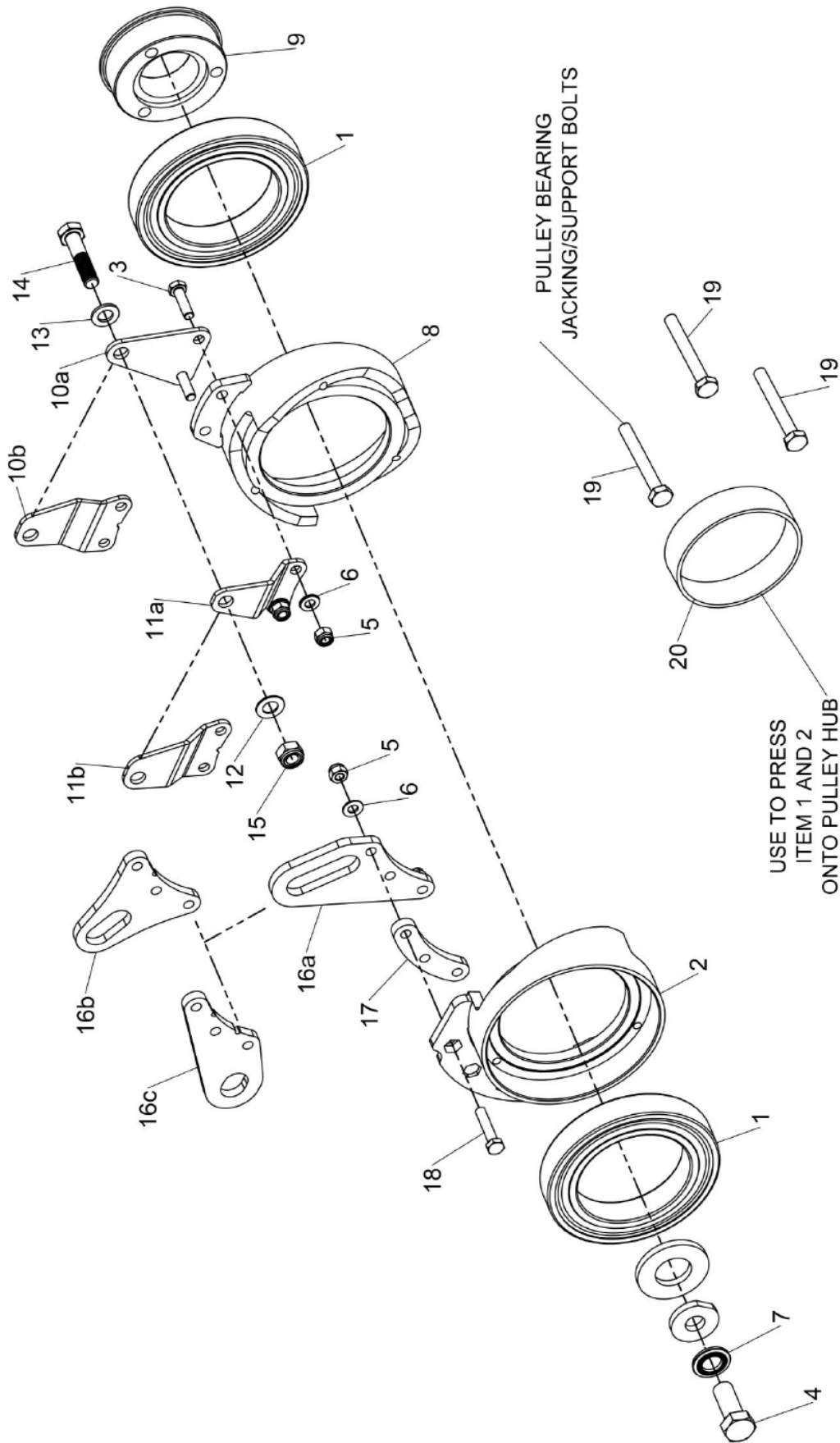
TIPS TO ASSIST IDENTIFYING YOUR MACHINE MODEL AND YEAR:
 XCV- SPRUNG, PIVOTING ADAPTOR PLATE WITH GAUGE WHEELS AT REAR OF HEADER.
 CVS & RVS - BOLTED ADAPTOR PLATE, BRACING TUBE ACROSS TOP OF MACHINE.

LOCATE SERIAL NUMBER ON THE REAR LH OR RH END OF THE MACHINE.

7 DIGIT SERIAL NUMBERS 2000-2009
 EXAMPLE '2122843'
 1ST 2ND & 3RD DIGITS ARE FACOTRY BUILD NUMBERS, 4TH & 5TH IS THE SIZE OF MACHINE IN FEET (28'), 6TH DIGIT IS A FACTORY MACHINE TYPE NUMBER & 7TH DIGIT IS YEAR OF MANUFACTURE (2003).

11 DIGIT SERIAL NUMBERS 2010 AND ON
 EXAMPLE 'XCV42198964'
 1ST, 2ND & 3RD LETTERS SHOW THE TYPE OF MACHINE (XCV), 4TH & 5TH DIGITS SHOW THE MACHINE SIZE (42'), 6TH & 7TH DIGIT SHOW THE MODEL YEAR (2019), REMAINING DIGITS ARE FACTORY BUILD NUMBERS.

Shelbourne Reynolds Engineering Limited



KIT-01454

