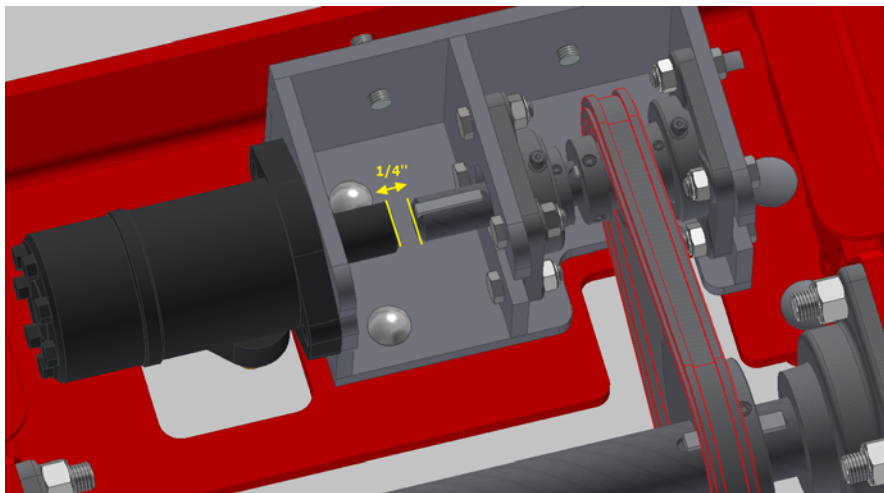
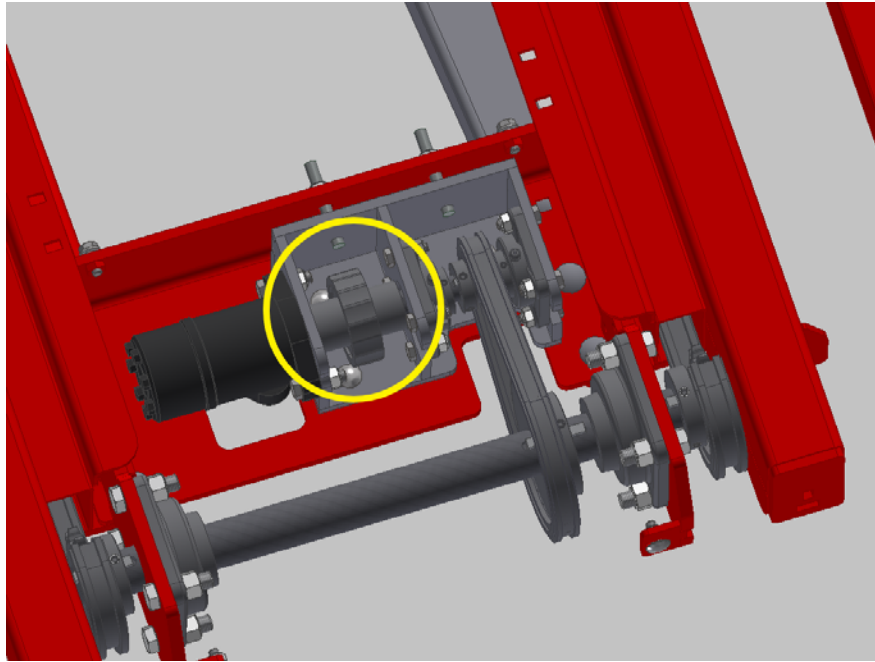
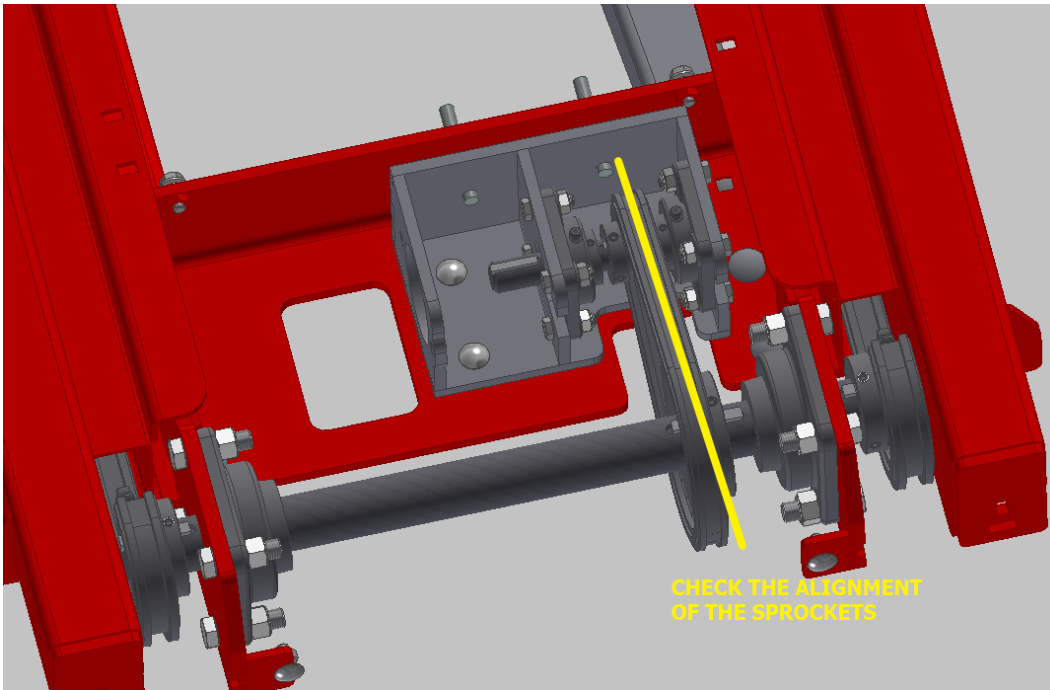


## PROCEDURE TO INTALL A NEW PUSHER MOTOR ON RBM

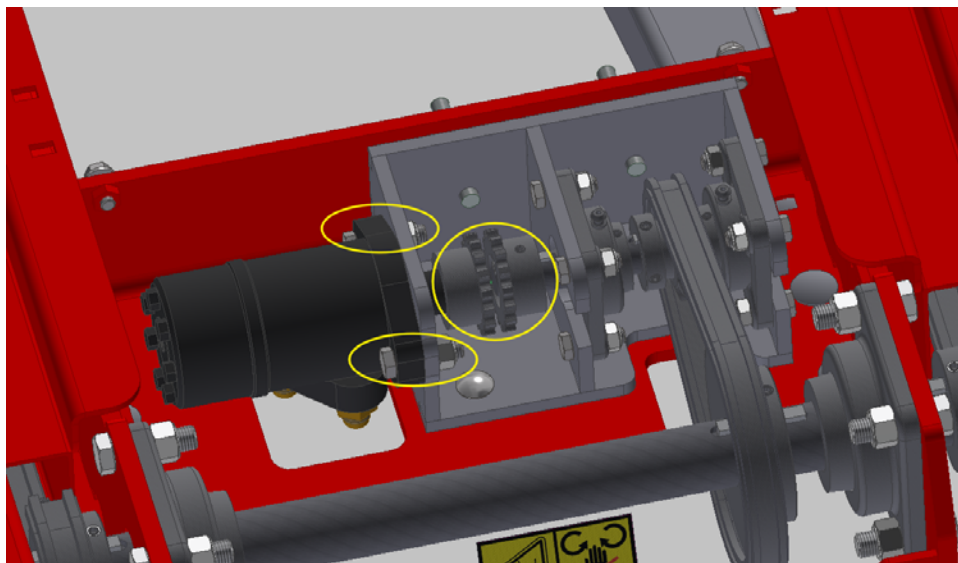
- 1) Before installing the new motor, be sure that the distance between the transmission shaft and the motor shaft is  $\frac{1}{4}$ ". To adjust this distance, unscrew the 2 set-screw of each bearings (2) and move the 1" shaft until the distance is  $\frac{1}{4}$ ". Then lock the shaft to the bearings with the set-screw.



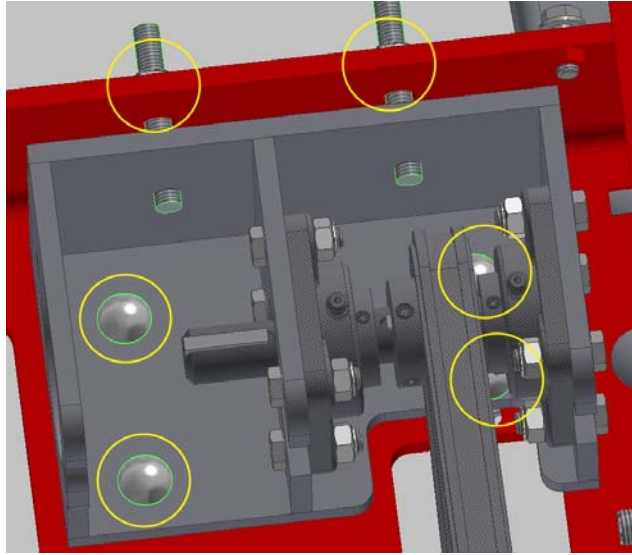
- 2) Check the alignment of the sprockets if you had to move the 1" shaft. Make the corrections if necessary.



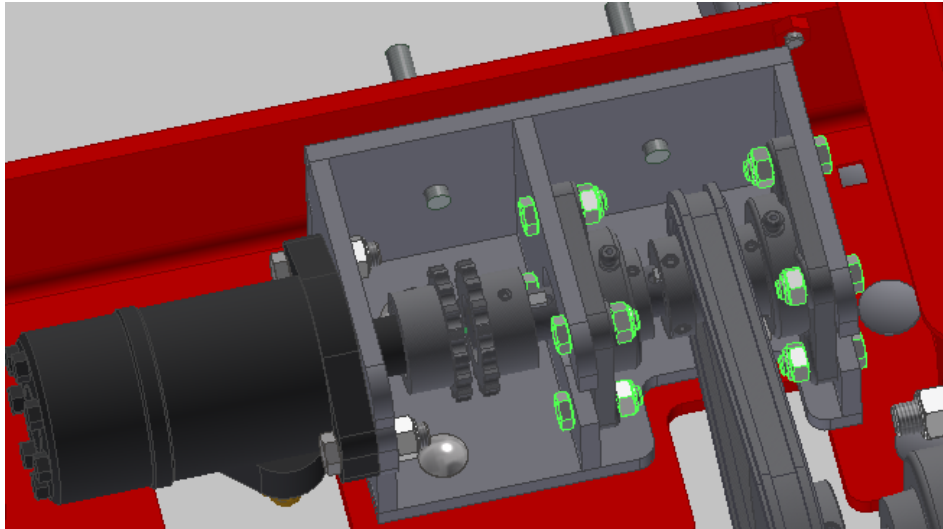
- 3) Install the sprockets parts of the chain coupling on the motor and transmission shaft (don't tighten the set screw of the sprockets). Then, fix the motor to the support with bolt and nylon nuts.



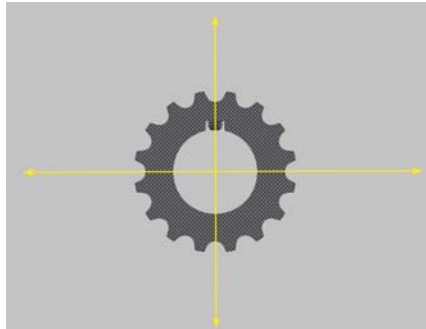
- 4) Loosen the 4 bolts and 2 nuts shown on next picture to loosen the chain that drive the main shaft of the pusher.



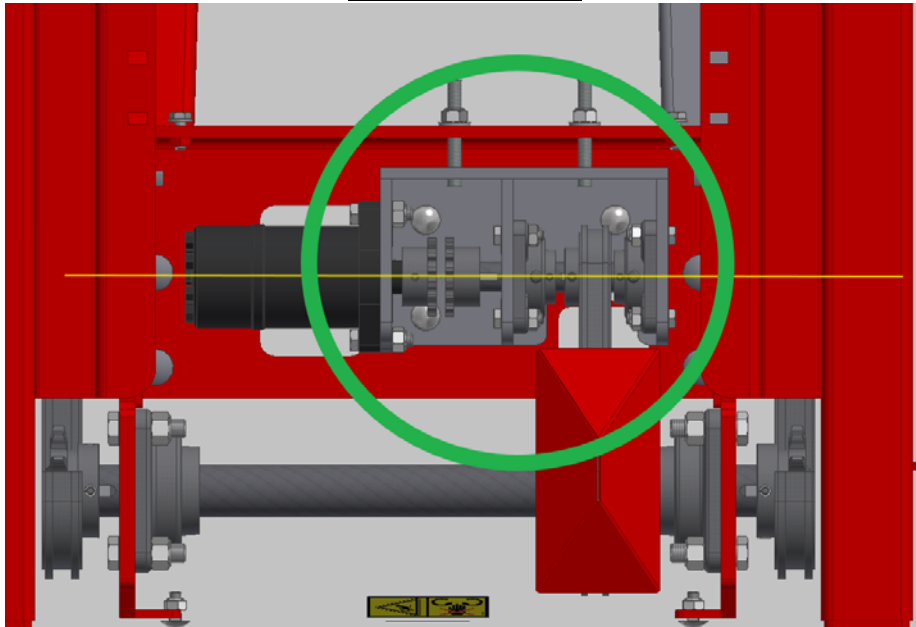
- 5) Unscrew the 8 bolts shown on next picture and replace them by new 7/16X1-1/2" bolts with new nylon nuts. Before tighten the bolts, move the transmission shaft by moving the bearings until the alignment of the 2 sprockets is good.



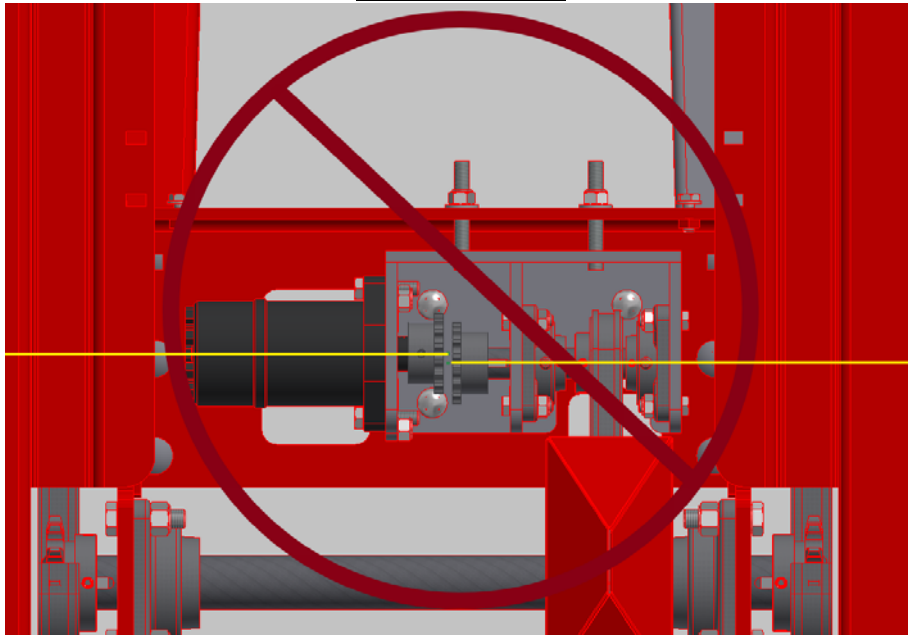
**Horizontal and vertical alignment**



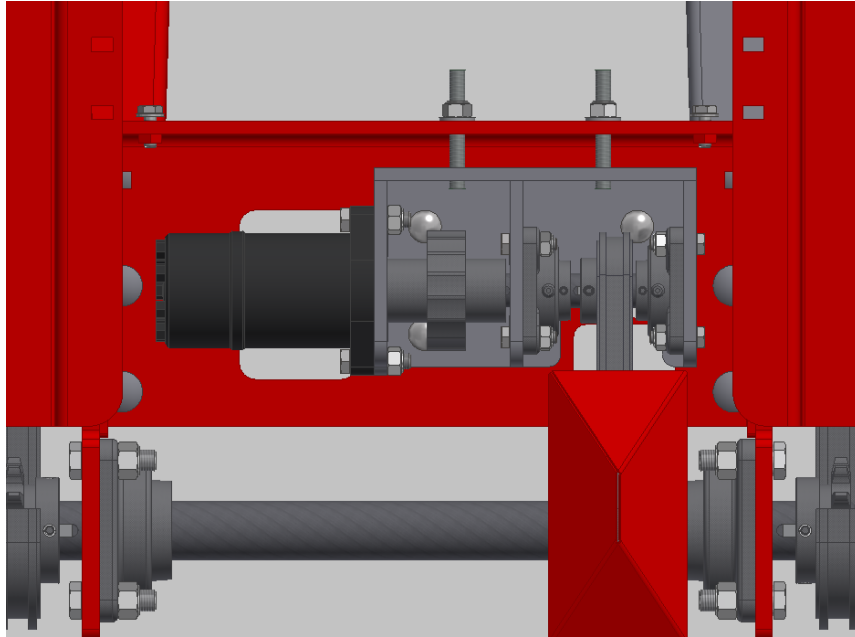
**GOOD ALIGNMENT**



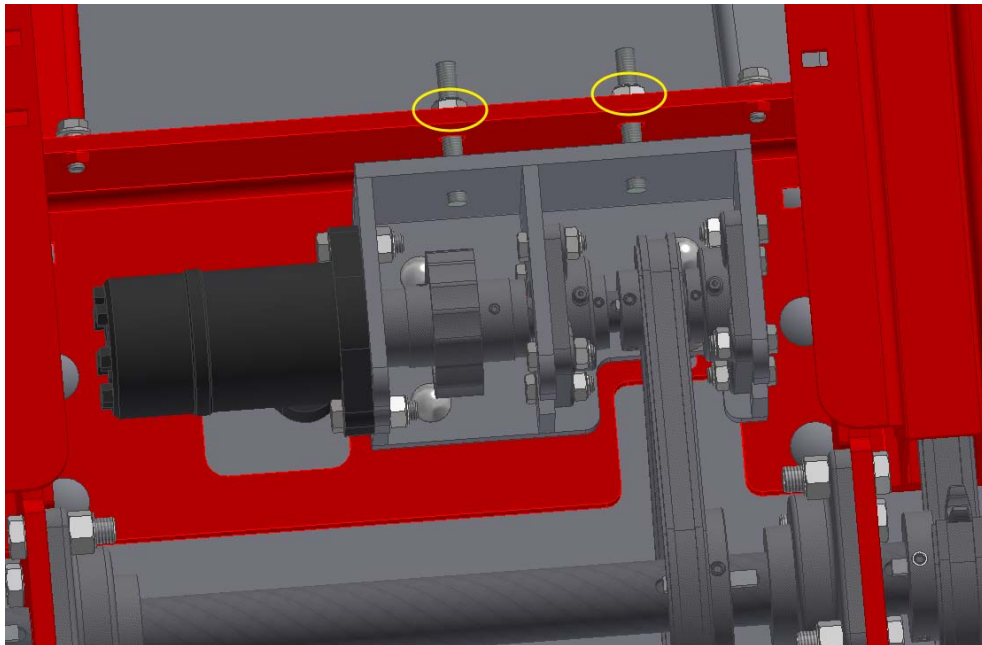
**BAD ALIGNMENT**



- 6) When the alignment is good and all the bolts are tighten, install the chain on the 2 sprockets of the coupling chain. Then, tighten the set screw of the 2 sprockets. Normally, if the alignment is well done, you can move the chain slightly on the sprocket. If it's impossible to move the chain on the sprockets, redo the alignment.



- 7) Stretch the chain that drive the main shaft of the pusher by screw the 2 nylons nuts shown on next picture. Do not stretch the chain too much.



8) Tighten the 4 bolts shown on next picture to fix the "motor-shaft" support

