



R0015262 Drive shaft fitting

Instructions for fitment of loader chain drive shafts

 Difficulty **Medium**

 Duration **2 hour(s)**

Contents

Introduction

Step 1 - Unless otherwise stated

Step 2 - Assembly sequence has been altered

Step 3 - Attach Spherical bearings

Step 4 - Orientate drive shafts

Step 5 - Prepare sprockets

Step 6 - Fit shafts

Step 7 - Install Shaft Coupling

Comments

Introduction

Tools Required

Standard hex key set

Parts Required

B0000041 feather key 5 x 5 x 18 long

B0001152 Rigid Shaft Coupling Ø16

Pre Assembled R0015270 Bench assemble Shafts, bearings and sprockets

Step 1 - Unless otherwise stated

Use loctite 243 on all fasteners

Use Loctite 572 on all threaded pneumatic connections

Pen mark all bolts to show finalised



Step 2 - Assembly sequence has been altered

The build sequence has been amended to make fitting of drive shafts easier .

Roller beds are now fitted AFTER drive shaft installation

Please take photos to amend following steps for clear instructions

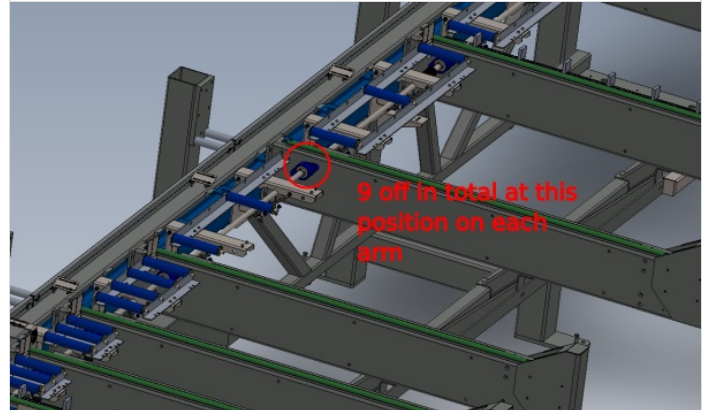
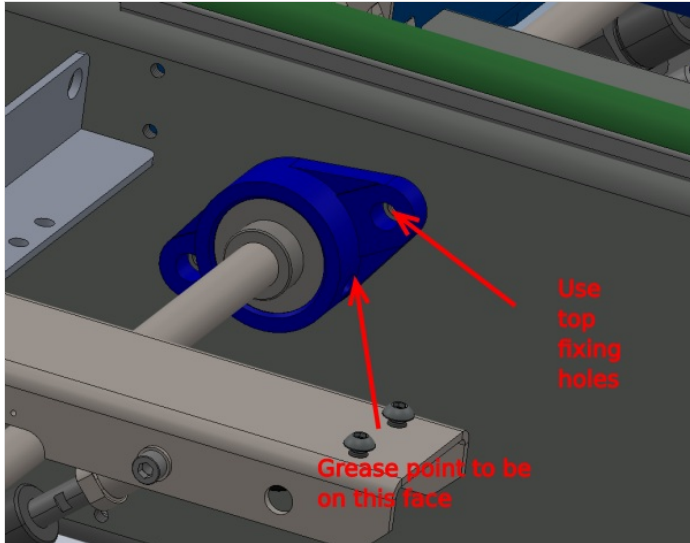


Step 3 - Attach Spherical bearings

Attach 9 off B0001150 to load arms as shown . ensure correct position is used for mounting of bearings .

Use 2 off M8 x 30 socket countersink fasteners per bearing to align and fix to arms

Ensure greasing point of bearing is facing towards the front of the machine as shown



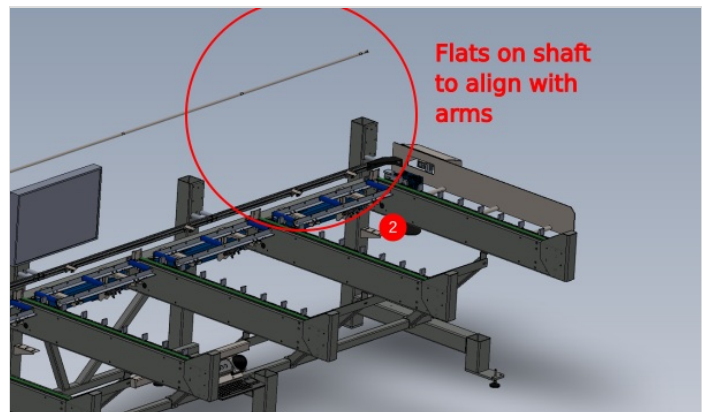
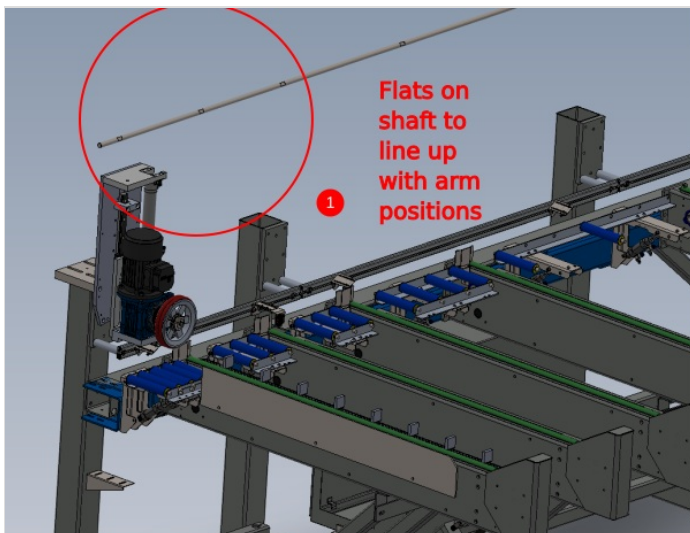
Step 4 - Orientate drive shafts

Orientation of drive shafts is as follows

1 D0015459b orientated as shown

2 D0015458b orientated as shown

Each flat on the shafts if orientated correctly will align with an arm position on the frame

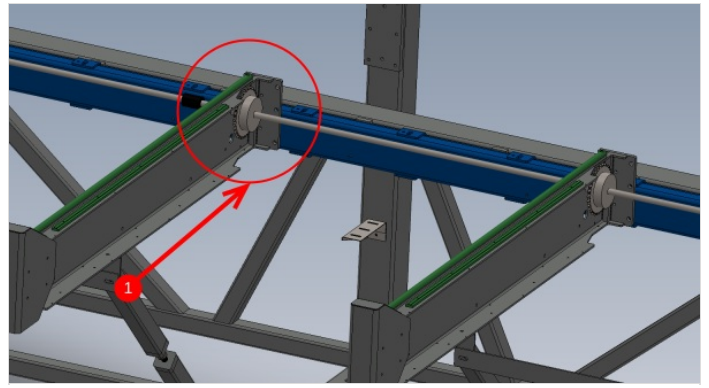


Step 5 - Prepare sprockets

i ...Roller beds have been removed from image for clarity of position of sprockets

Prepare sprockets to fit when shafts are installed

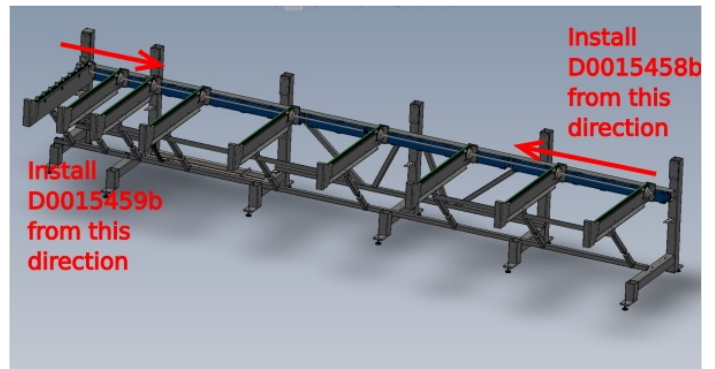
Sprocket B0001145 will require adding to shaft as it is fitted to main frame. Each arm will have a sprocket fitted in the position shown (1)



Step 6 - Fit shafts

iRoller beds have been removed from image for clarity of position of sprockets

Install shafts from the directions shown , adding the B0001145 sprockets in their correct positions, as the shafts pass through the bearings . Do not close the gap between the 2 shafts in the centre of the machine until the next step is observed



Step 7 - Install Shaft Coupling

BFit shaft coupling B0001152 to one of shaft at the final stage of fitting.

Gap between shafts should be approximately 2mm

Once this is achieved fit 2 off b0000041 (1 to each shaft) align and tighten coupling in position

Overall position of the now combined drive shafts, bearing grubscrews and sprockets will be finalised in a later dokit

