

***dodson***<sup>®</sup>

**INSTALLATION  
INSTRUCTIONS**

**DCT470 2/4 FORK UPGRADE KIT**

**DMS-00-0046 REVISION 002**

**06 JANUARY 2023**

**PREPARED BY: JAN PISL  
DATE: 22JUL2022**

**RELEASED BY:   
DATE: 06JAN2023**

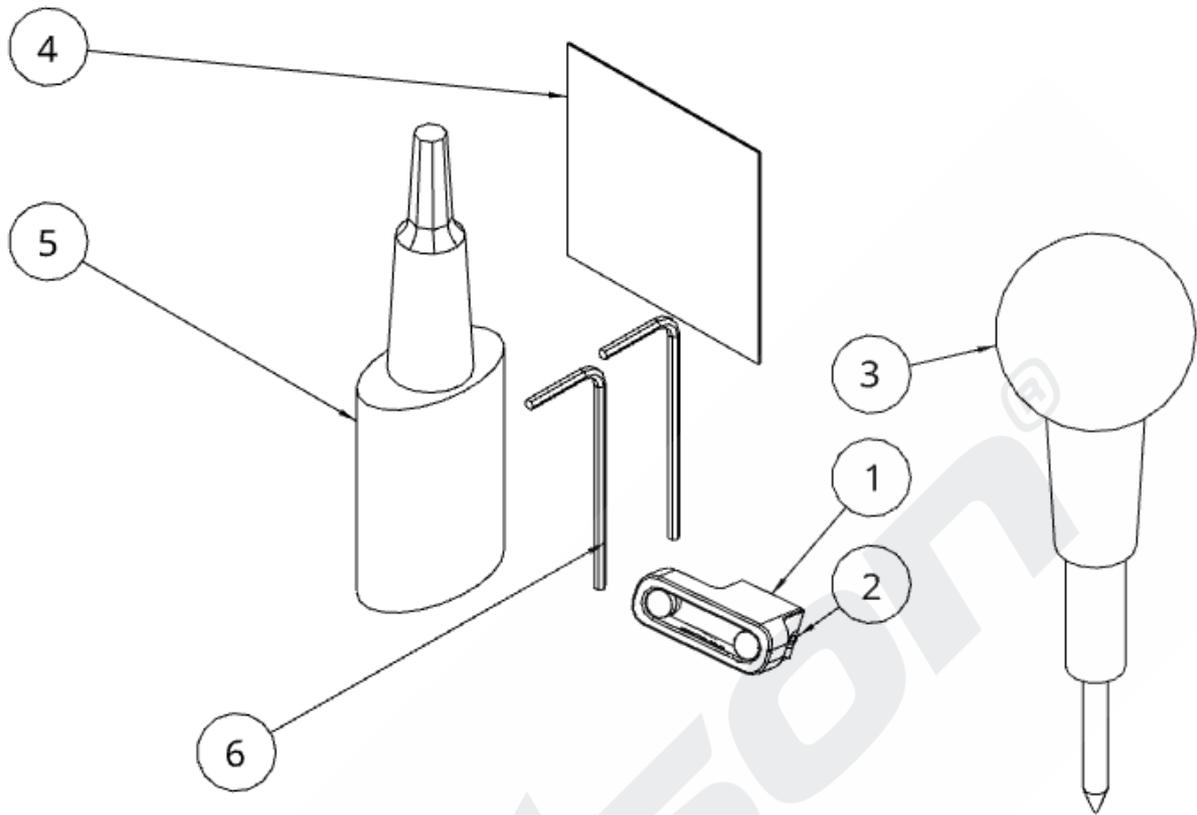
**REVISION UPDATE NOTES:**

The following table indicates the changes we have made in either the disassembly or assembly of the product you have received. All changes are indicated by a revision bar in the margin.

If you have any questions email us at [technical@dodsonmotorsport.com](mailto:technical@dodsonmotorsport.com)

<b>Revision</b>	<b>Date</b>	<b>Description</b>
REV.002	06JAN2023	- Revised formatting.
REV.001	13SEP2021	- Converted to new format.

## FORK SENSOR KIT CONTENTS



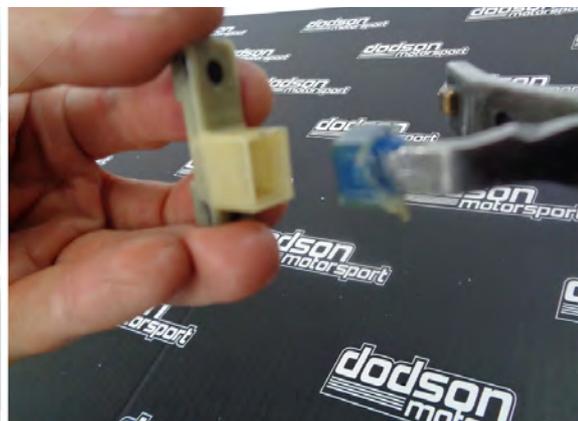
Item Number	Part Name	DMS Code	Qty
1	Fork Sensor Head	DMS-5701	1
2	M4X4 Grub Screw	DMS-0016	2
3	Spring Loaded Center Punch	DMS-2302	1
4	Sandpaper	DMS-5712	1
5	Threadlocker	DMS-2618	1
6	M2 Hex Key	DMS-2322	2

## DCT470 2/4 FORK UPGRADE INSTALLATION INSTRUCTIONS PREPARATION

### STEP 1

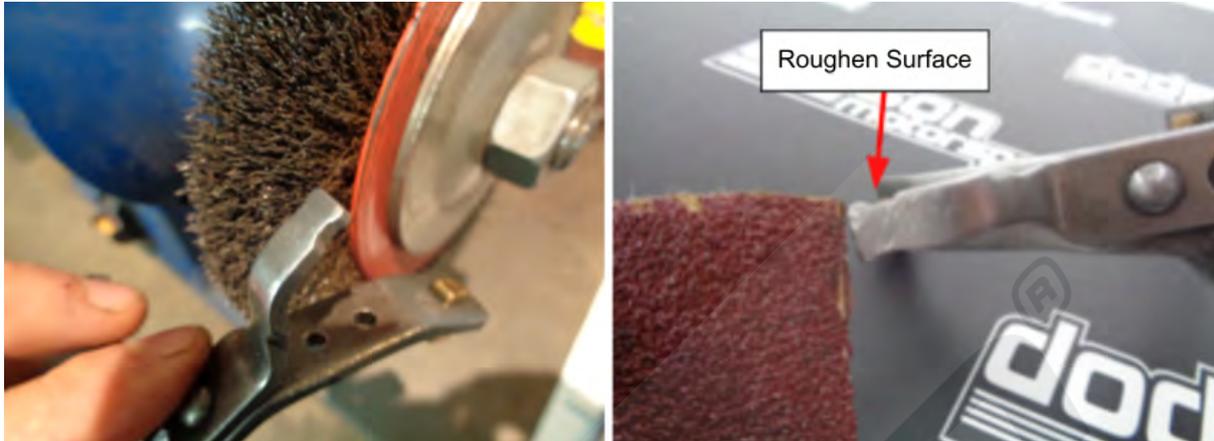
Remove the old glue and existing fork magnet from the fork.

**Note:** The fork arm does not need to be removed from the selector fork. (Only the magnet head made of plastic will be coming off the OEM fork arm)



## STEP 2

Remove old glue from the fork, this can be done using a wire wheel. Then, using the supplied sandpaper, roughen the top and bottom surface of the fork arm to improve thread locker adhesion.



## ASSEMBLY

### STEP 1

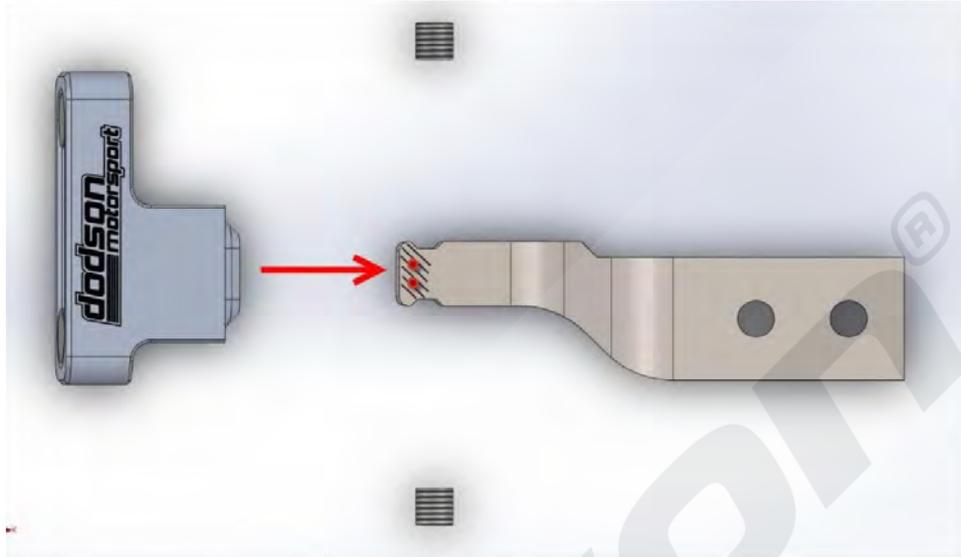
Apply the thread locker to the top and bottom surfaces of the fork arm where the Dodson fork magnet will contact it.



## STEP 2

Slide the Dodson fork magnet (*DMS-5701*) onto the fork arm.

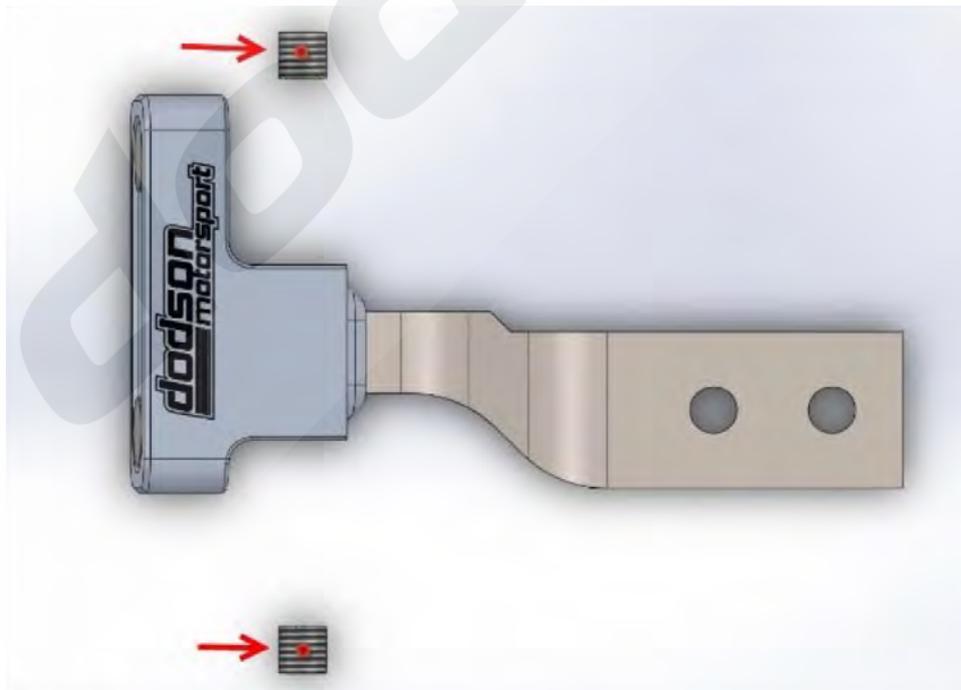
**Ensure the fork magnet is pressed all the way on.**



## STEP 3

Apply thread locker liberally to the two grub screws and screw them into the Dodson fork magnet.

Wipe off any excess adhesive.



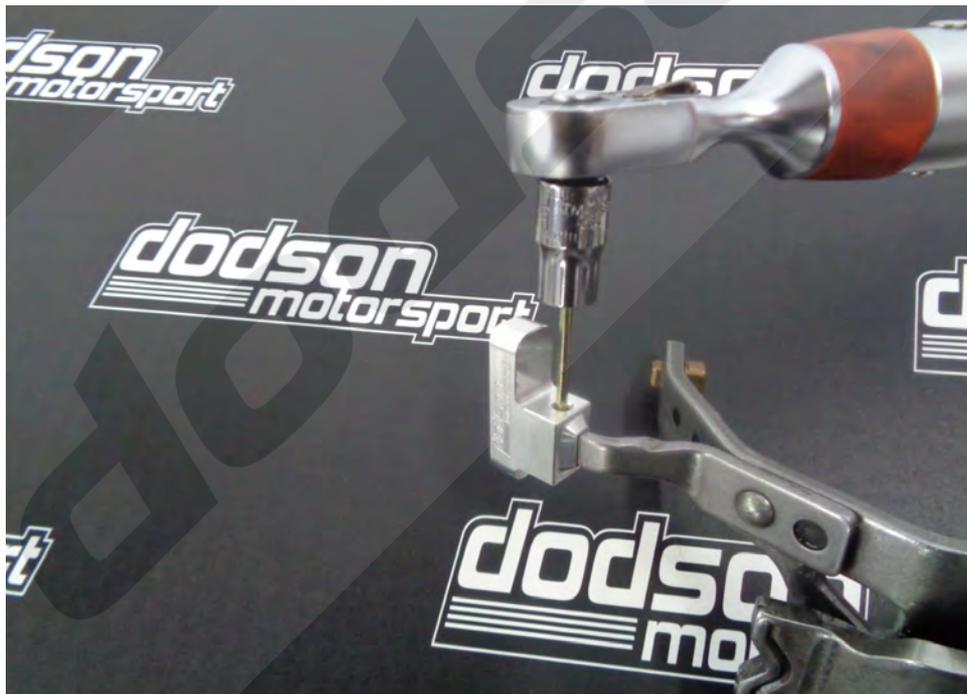
## STEP 4

Take the 2 hex keys and tighten the 2 grub screws until they are tight against the fork arm.



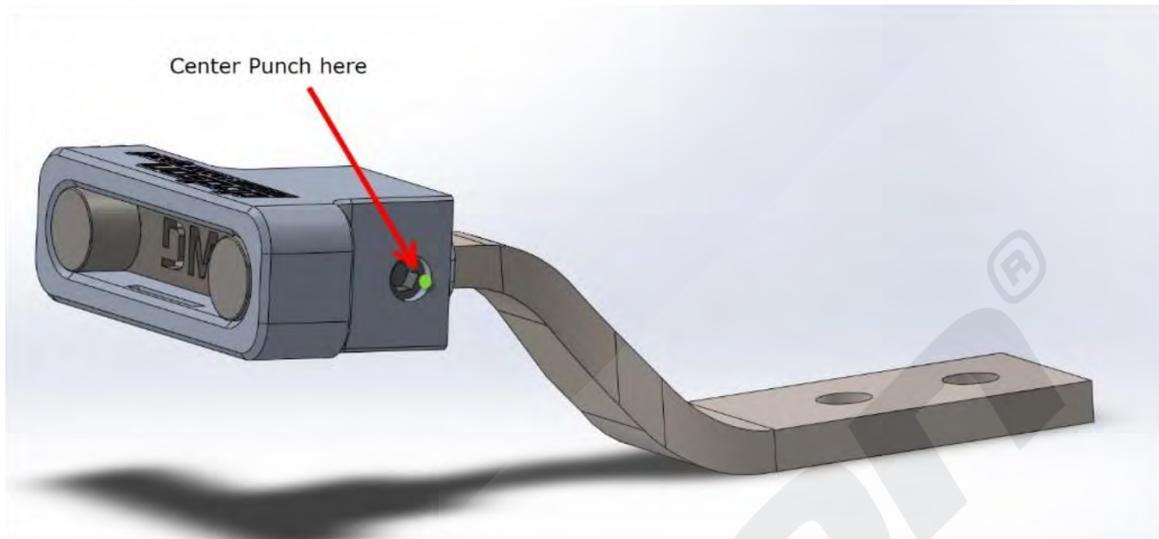
## STEP 5

Using a torque wrench, torque the two grub screws to **2 Nm**.



## STEP 6

Using the spring-loaded center punch, punch the internal thread of the Dodson fork magnet close to where the grub screw is located. Support the fork in such a way that the force from the center punch will not bend the fork arm.



## IMPORTANT NOTE

After the vehicle is reassembled with the new fork magnet, the Shift Fork Teach-in procedure needs to be carried out. Please carry out the procedure as per **Dodson EVO X MUT-III Teach-in instructions.**

**(DMS-00-0045 DCT470 MUT-III TEACH-IN)**

If you have any questions email us at [technical@dodsonmotorsport.com](mailto:technical@dodsonmotorsport.com)