

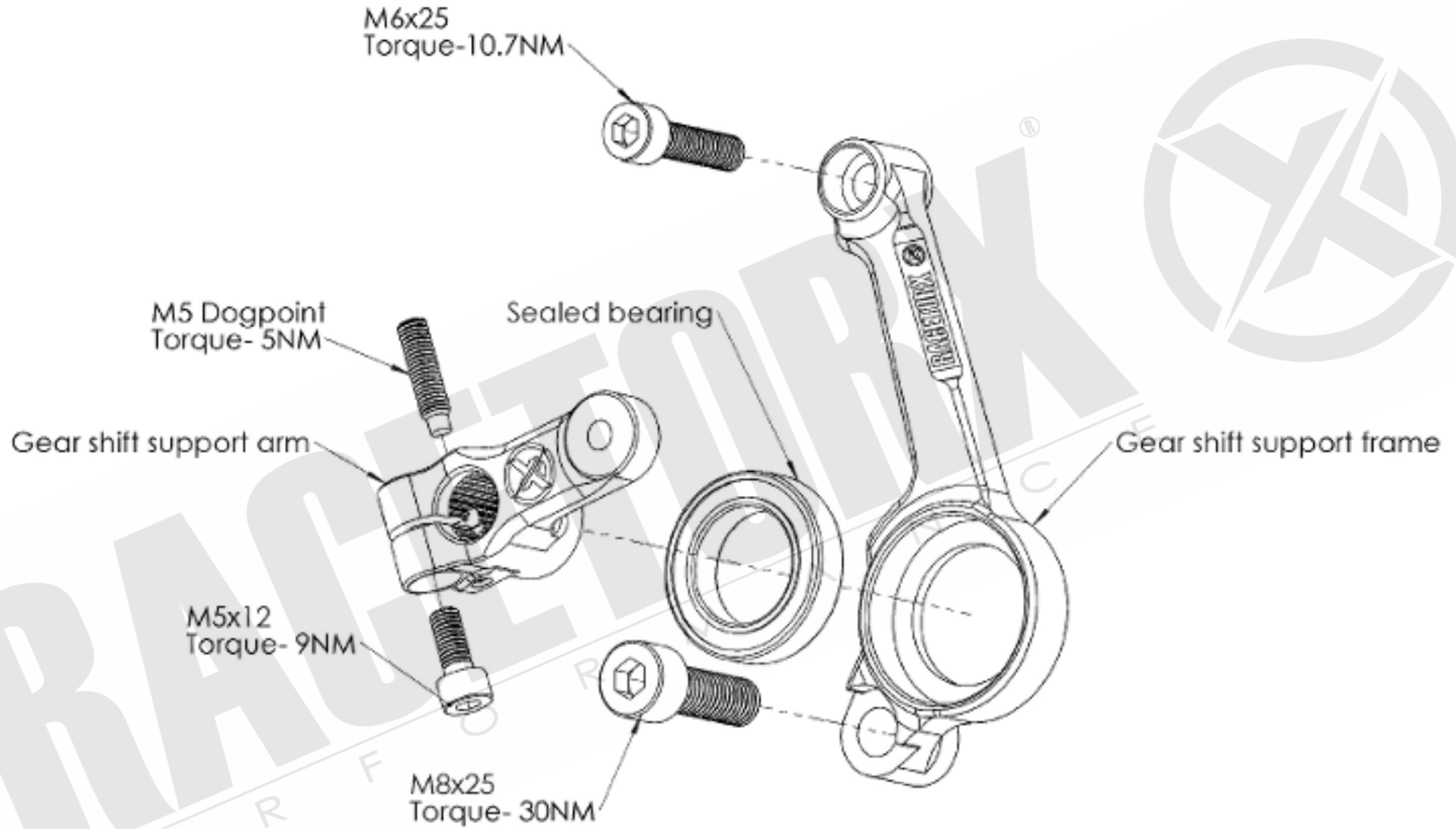
Installation manual



WWW.RACETORX.CO.UK

**Ducati V4 Streetfighter and
Panigale**

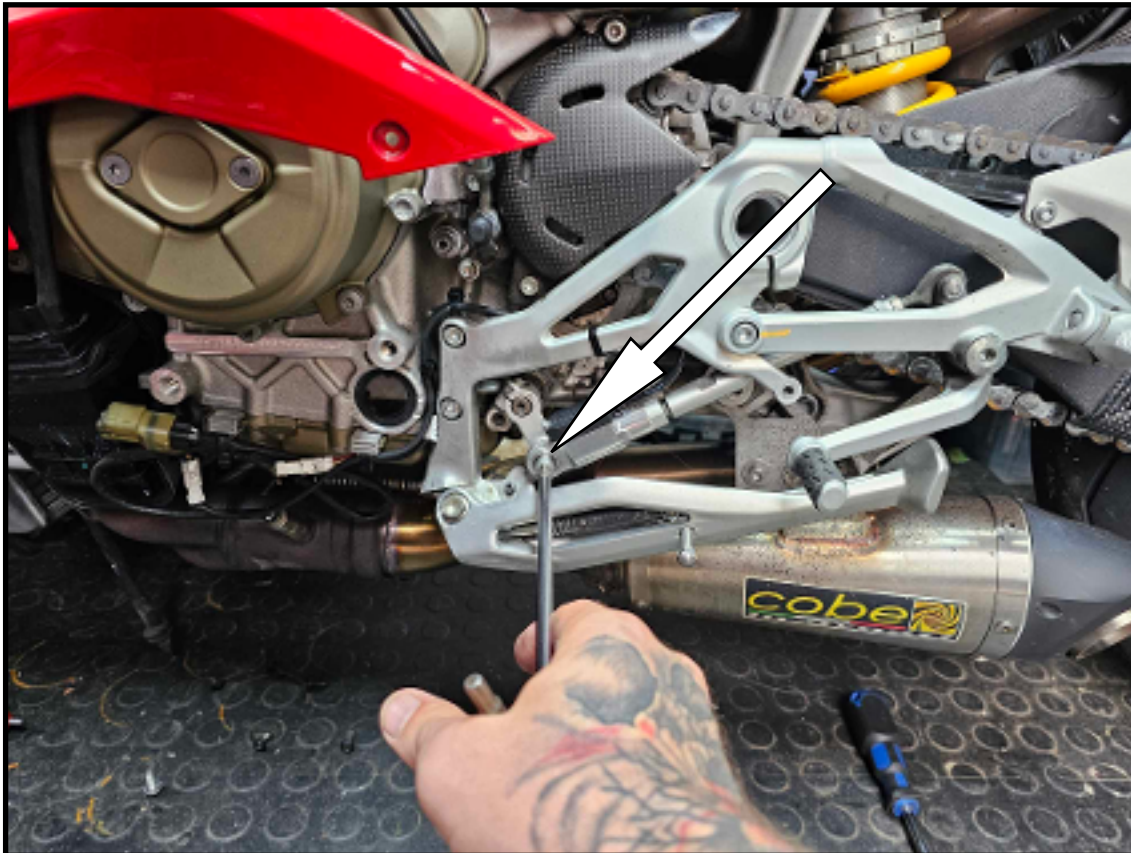
Gear shift support

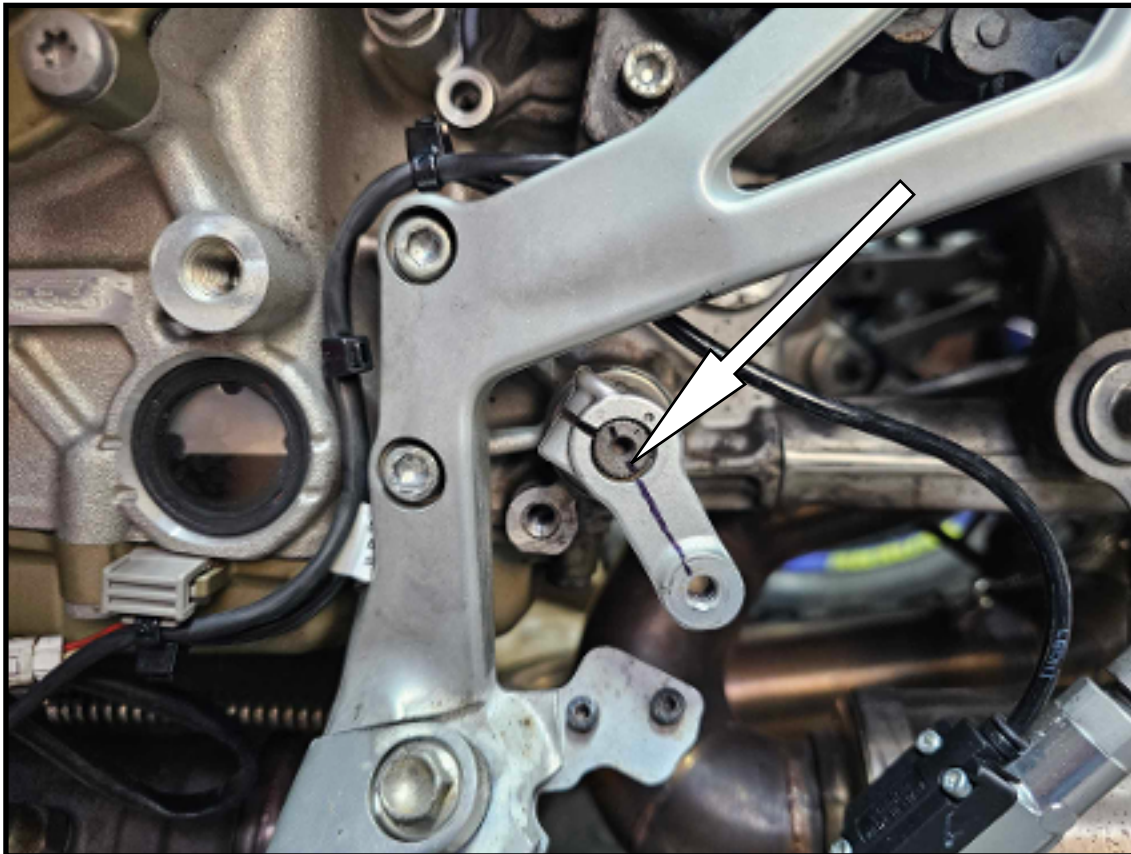




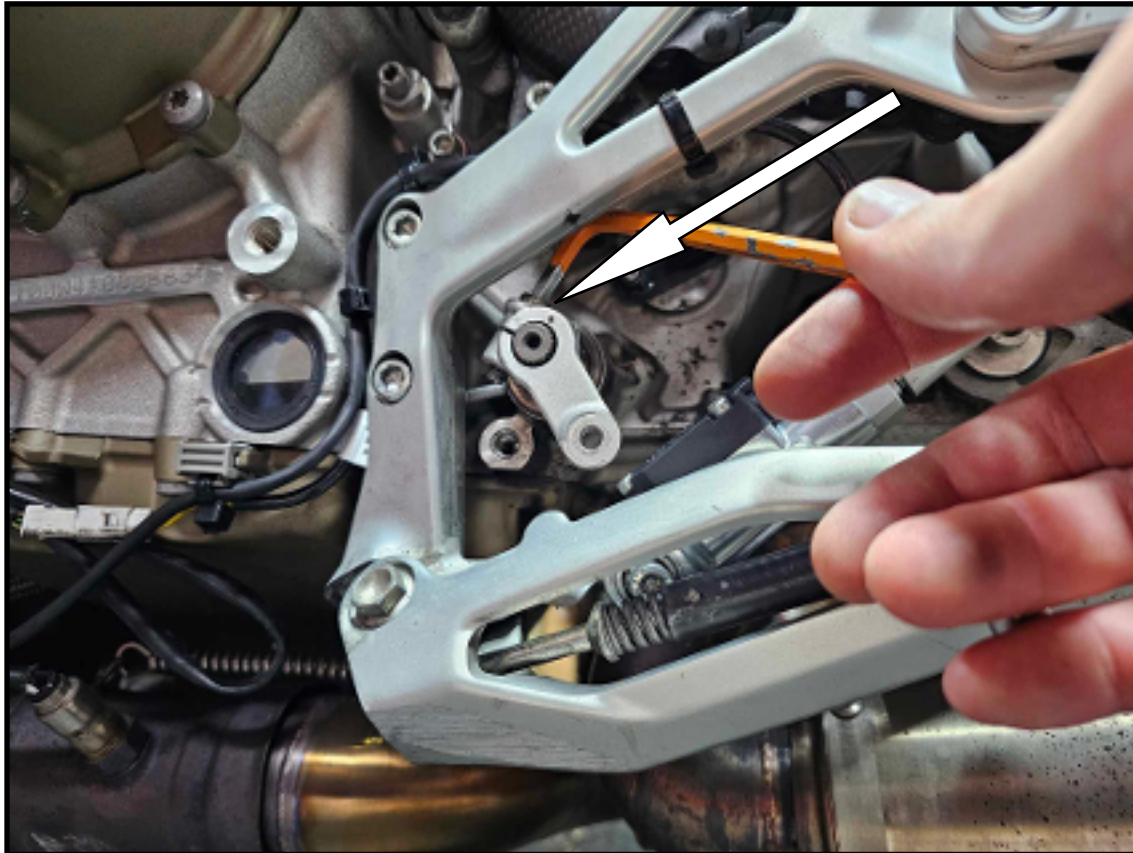
Install by competent individual

1. Start by removing the lower fairing.
2. Remove the gear linkage bolt as per image.

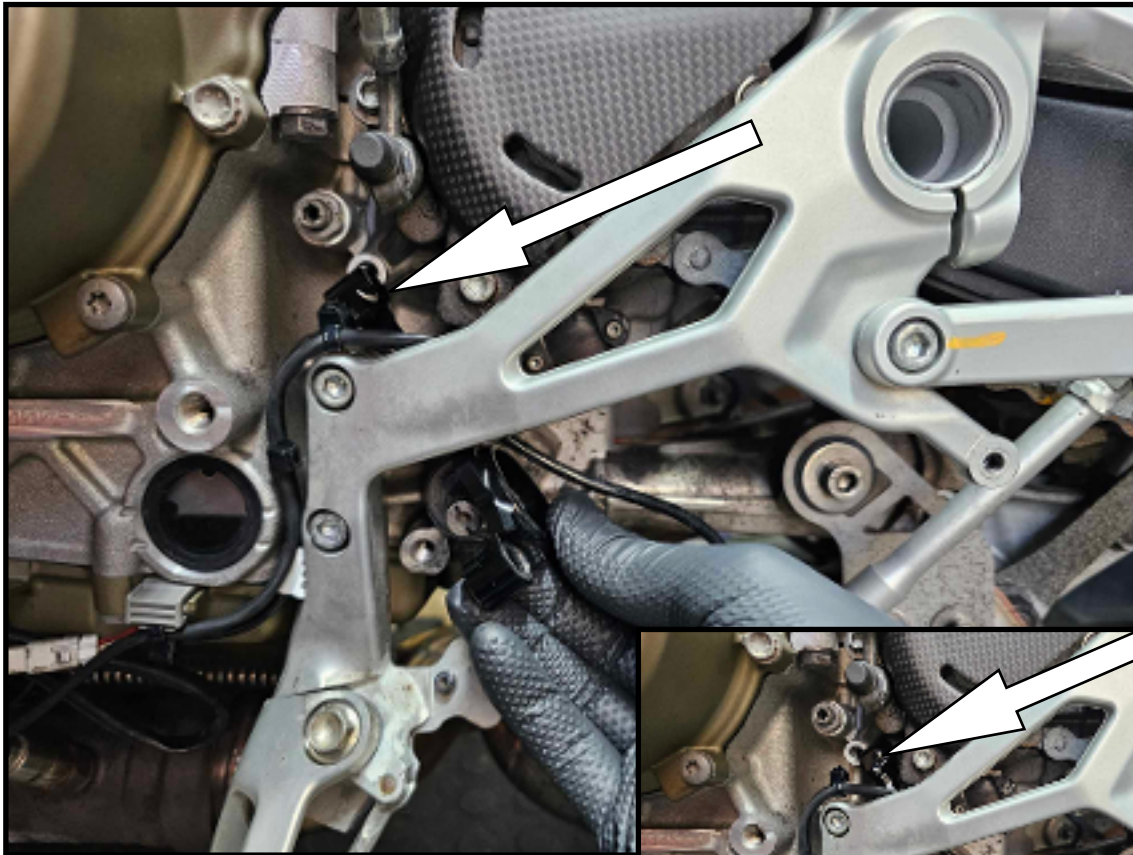




3. Make a line following the center of the shaft to the gear arm mounting hole as shown, this will allow correct orientation of the Racetorx gear arm later.

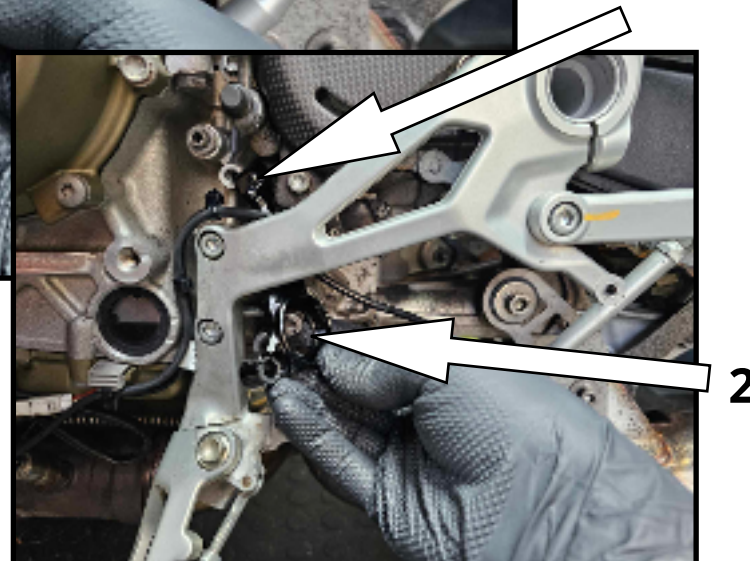


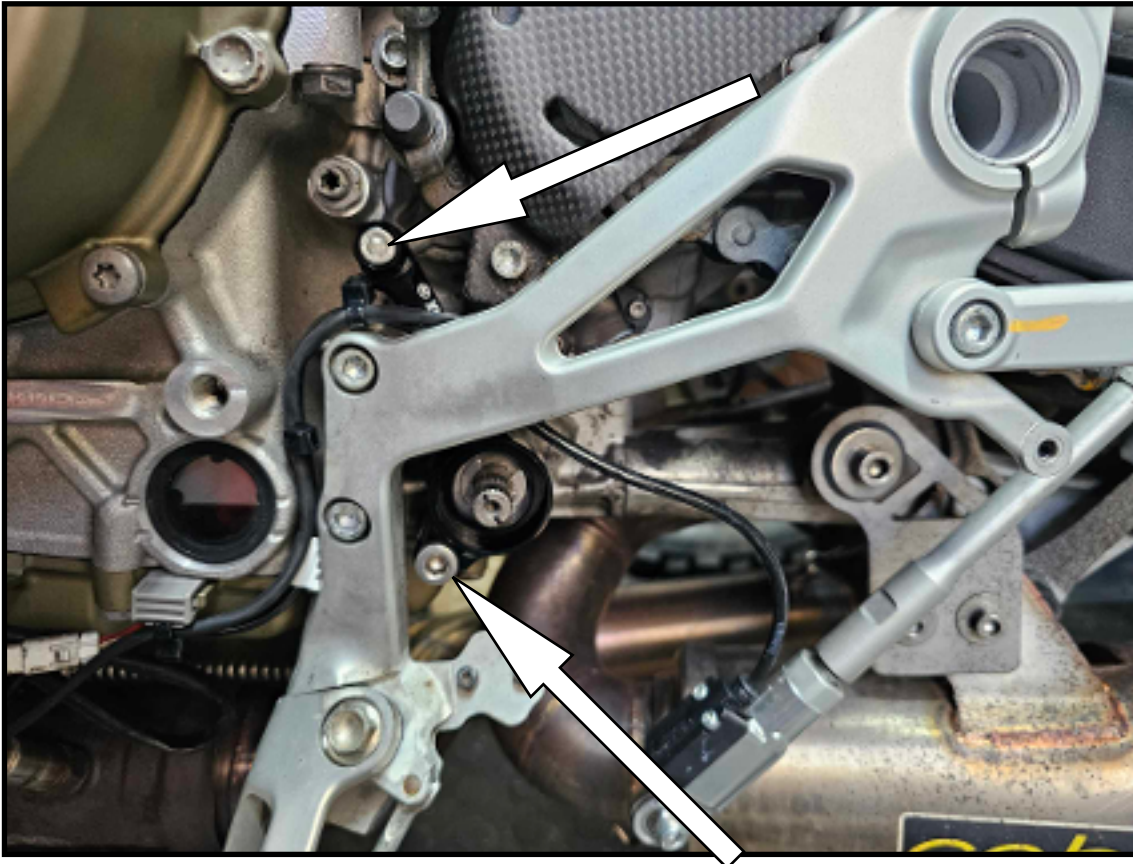
4. Remove the bolt in order to remove gear arm.



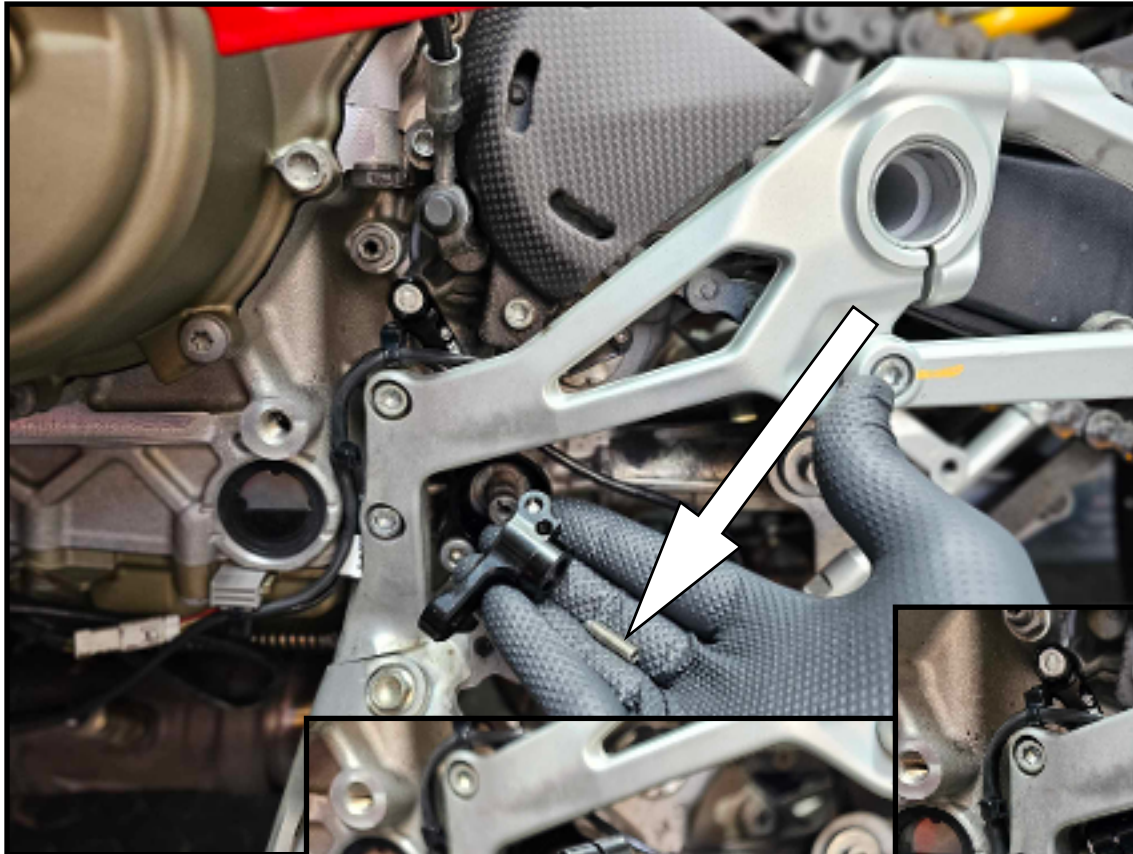
5. Carefully feed the Racetorx gear frame.

Feed through with the "arrowed" section above the bolt hole then lightly twist the frame so it orientates flat to the mounting locations making sure the bearing hole of the gear frame feeds over the gear spline - see **2**.





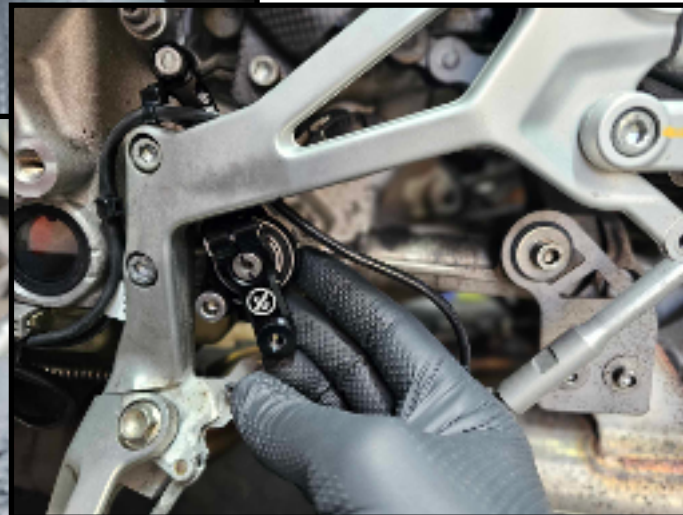
6. Place both mounting bolts in location and do finger tight ONLY.

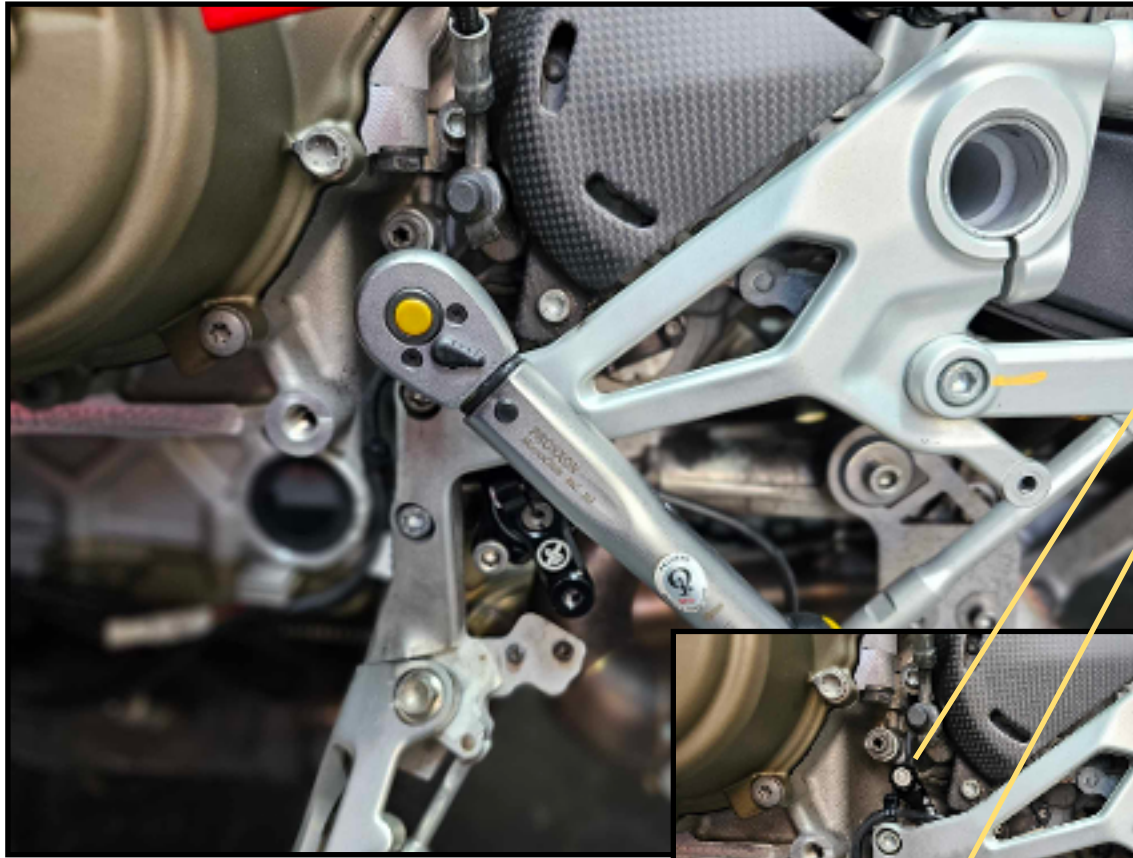


7. Remove dog-point from gear arm, feed supplier bearing over gear arm (bearing will be loose fit)

8. Slide gear arm and bearing assembly over gear shaft following the line we made at the beginning for the correct orientation (see step 3).

9. Replace dog-point grub screw.

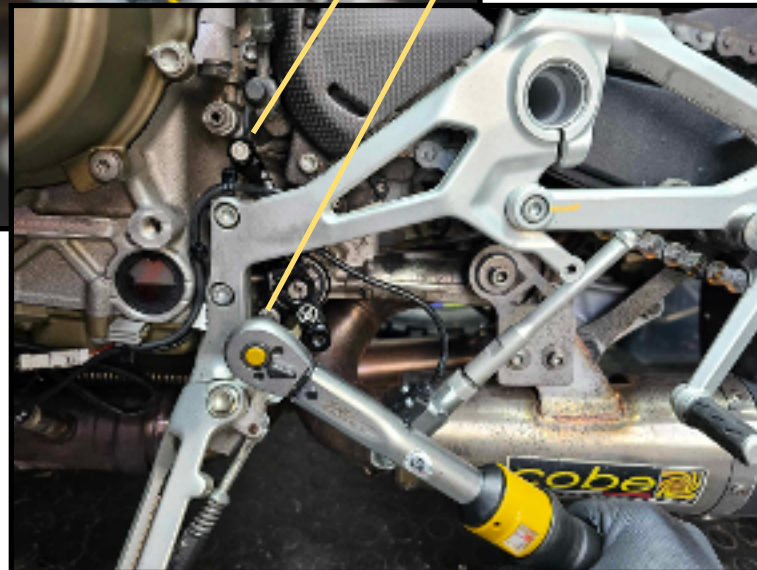


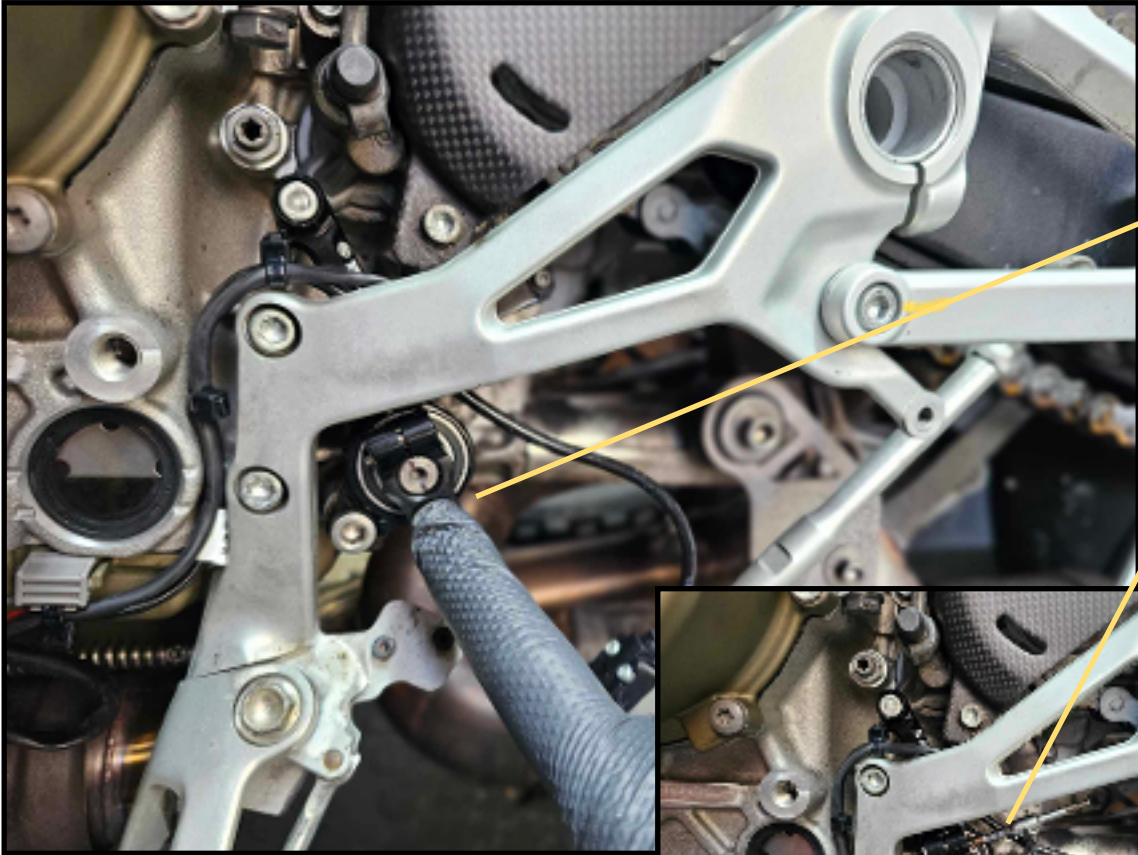


10. Torque gear frame bolts.

M6x25 - 10.7NM

M8x25 - 30NM

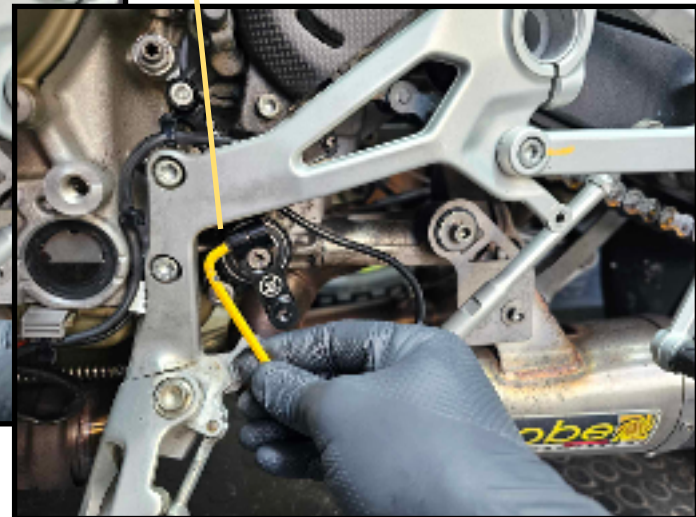
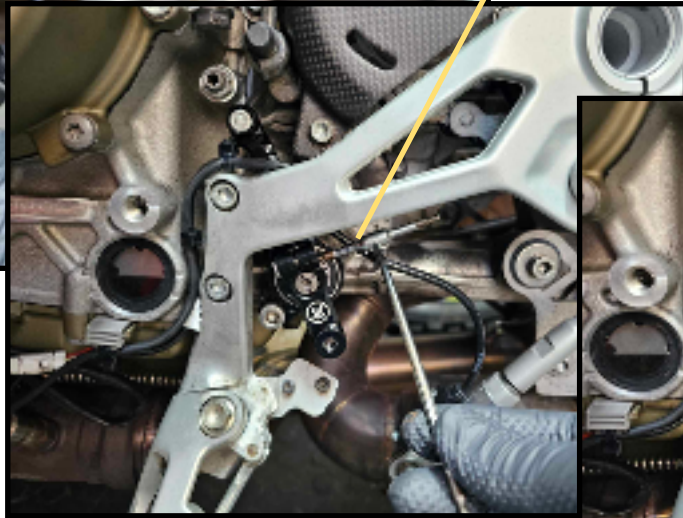


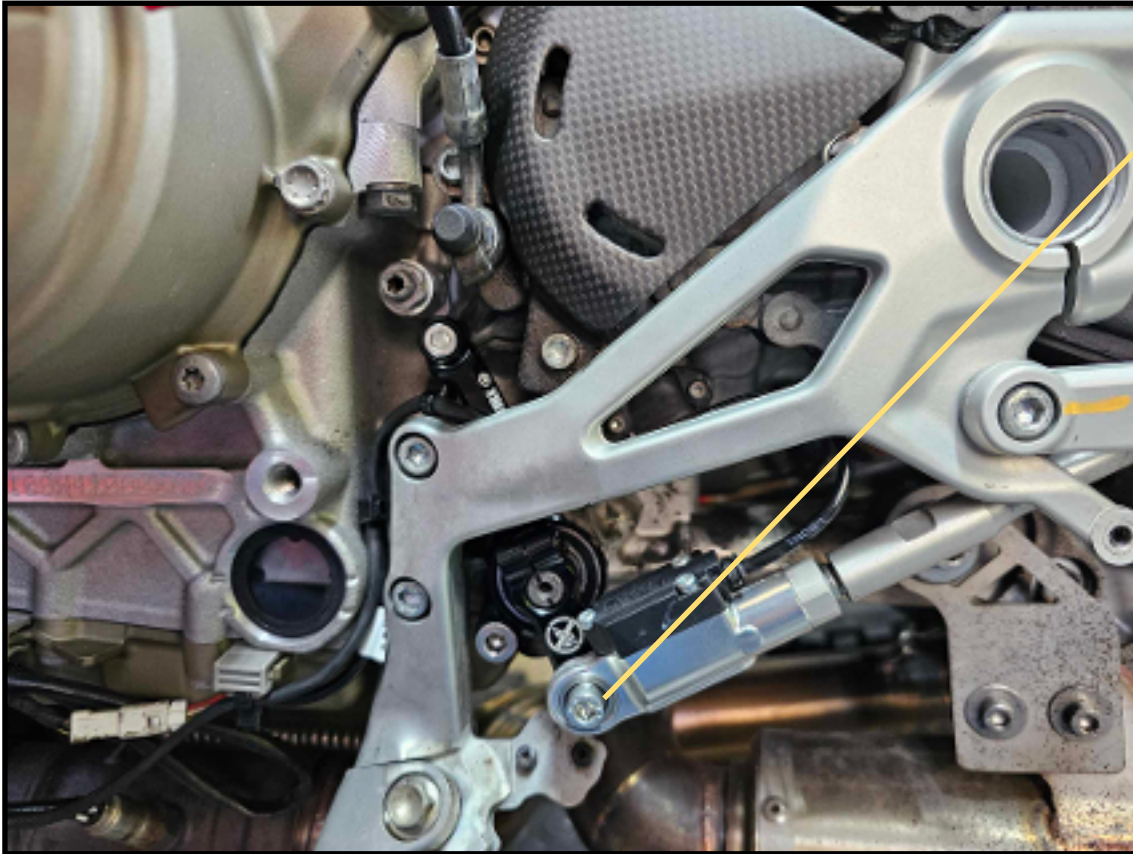


11. Push the gear arm lightly to be sure it is set on the gear shaft fully.

12. Torque Dog-point to 5NM

13. Torque Pinch bolt to 8NM





14. Bolt gear linkage onto the gear arm and torque to 10.7NM



After installation of the gear shift support:

1. Check all bolts have been torqued up correctly.
2. Actuate the gear foot pedal by hand to ensure gear shaft movement is smooth and not binding or sticking.