

Motorsprocket Cushion Replacement Instructions version 22.11CR

Before beginning install please read and understand all processes.

1. Remove Primary cover using OEM service manual for your motorcycle
2. Remove main sprocketshaft bolt and 4 faceplate taper head screws, preferably with hand impact
3. Utilizing primary chain locking tool & compressor tool (part #DH-CCT) with 2 taper head screws torqued to 10ft/lbs, load sprocket to the right using min. 24" breaker bar or ratchet, insert provided drywall screws no more than 1/2" into cushions on opposite side of load and once preload is off opposing cushions, you can easily remove from motorsprocket. Continue the process until all old cushions have been removed.
4. Depending on overall horsepower, you can either set up for a softer drivetrain or stiffer for performance builds:
5. For OE applications with HP outputs below 105 RWHP we recommend installing green cushions at to the drive side of each drive hub post (IE: 12 o'clock drivehub would have green to the left [11o'clock] and black on the right) and the black cushions on the rebound side and each post will follow suit
6. For high-output motors and racing we recommend new cushions alternating colors on each drive hub post. IE: 12 o'clock drive hub post should have black cushions at 11 and 1, post at 3 o'clock should have green cushions at 2 & 4, 6 o'clock post with black again at 5 & 7, 9 o'clock post with green again at 8 & 10. You will need to load sprocket utilizing compressor tool, 24" breaker & primary sprocket locking tool similar to removal when installing new cushions
7. Install 4 countersunk faceplate screws using Blue Thread Locker and torque to 10-12 ft/lbs, install main sprocketshaft bolt using Loctite Thread Locker 262 Red. Torque the bolt to 175 ft/lbs.
8. Proceed with the service manual for completing installation.

Video available @ www.darkhorsecrankworks.com