

CRF/XR50

BBR XR50 HEAVY DUTY CLUTCH SPRING INSTALLATION

Installation of these clutch springs is identical to OEM installation. Please refer to the Honda shop manual or a qualified mechanic for assistance or questions. These instructions are not intended to be a replacement for the Honda shop manual. Read all instructions carefully before installation. If you do not feel comfortable performing this installation please have a qualified motorcycle mechanic do it for you.

Every effort has been made to insure the quality of this product. Because BBR cannot control the installation or use there is NO warrantee or guarantee with this product.

Required Tools:

- Service Manual
- 8mm socket
- Clutch locknut socket
- Small flat head screwdriver
- Large phillips head screwdriver
- Torque wrench

Torque Values:

8mm nuts/bolts: 9 N-m (0.9 kgf-m, 6.5 lbf-ft)



This installation can be done with the engine in the frame. We recommend draining the oil or laying the bike on its side to prevent any spills.

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Remove the clutch cover and the kickstarter. Make a mark on top of the shift shaft and arm before removing for alignment during installation.



Remove the shift arm assembly and ball retainer. Remove the clutch basket outer cover by removing the 4 inner phillips bolts.



Punch and bend back the lock washer on the clutch locknut. Remove the clutch locknut with a special clutch locknut socket and remove the washers. Lastly remove the clutch from the engine.



Flip the clutch over and remove the large snapping. Remove the clutch plate assembly and clutch gear taking note of the order of removal.



Flip the clutch back over and remove the 4 phillips bolts and clutch basket cover. Don't worry about the 4 little springs falling out as these are to be reinstalled later. Remove the clutch springs.



Place the new clutch springs on and the clutch basket cover. Tighten down the 4 bolts evenly making sure the cover goes on straight. Place the 4 little springs in by slipping them into the shoulder and over the cover edge.



Install the clutch plates in reverse order. Make sure the clutch drive gear is seated in the clutch center properly. Install the snap ring.



Install the clutch back onto the engine.



Place the two washers back on and tighten the clutch locknut as much as possible. Bend the lock washer back over the lock nut.



Install the clutch basket outer cover and the ball retainer and shift arm assembly. Make sure to align the marks made earlier when installing the shift arm.



Install the clutch cover and tighten down all the 8mm bolts evenly. Place the kickstarter back on and install the engine back onto the motorcycle in reverse order if removed.

