



# TECH EXCHANGE

SUBJECT: All YZF-R6 Models - Additional Primary Driven Gear Removal/Installation Tips for the Shift Shaft Recall Bulletin (M2015-002R) *J 5-9-15*

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## All YZF-R6 Models - Additional Primary Driven Gear Removal/Installation Tips for the Shift Shaft Recall Bulletin (M2015-002R)

### NOTICE:

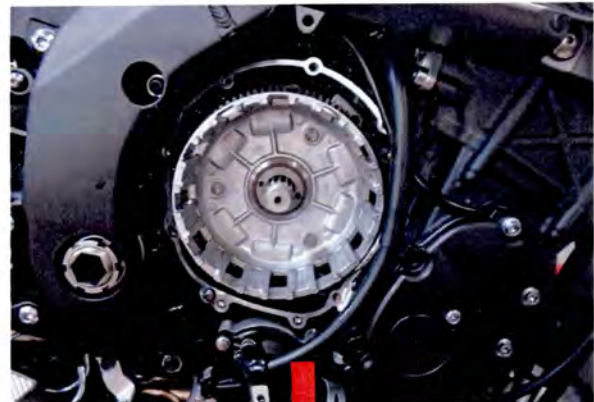
The YZF-R6 is equipped with a slipper clutch system. DO NOT use a power/air tool when removing the clutch boss nut. Otherwise, there is a possibility that the threads on the main shaft will get damaged (see adjacent photo). When force is applied using power tools to the clutch boss nut, the clutch boss is forced up the ramps of the inner pressure plate which in turn applies force to the clutch boss nut from the back side. When this happens, as the nut begins to loosen, damage will occur to the threads of the main shaft.



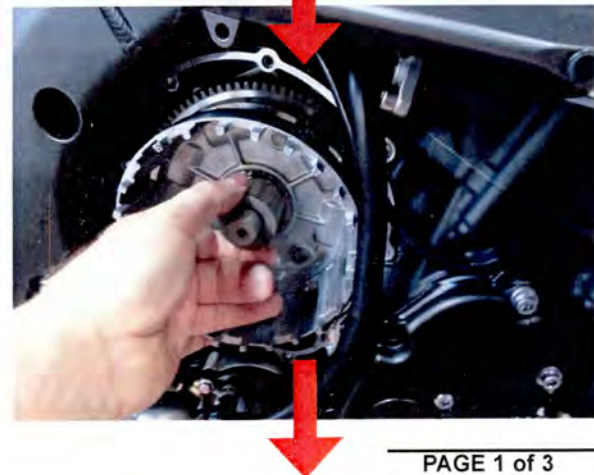
To remove the clutch boss nut for this model, un-stake the nut and use the universal clutch holder YM-91042 (available through K&L Supply) with the appropriate socket with breaker bar to loosen the clutch boss nut.

### Primary Driven Gear Removal

When removing the primary driven gear from the YZF-R6, it is not necessary to remove the oil strainer assembly to access the oil pump driven chain for removal and installation.



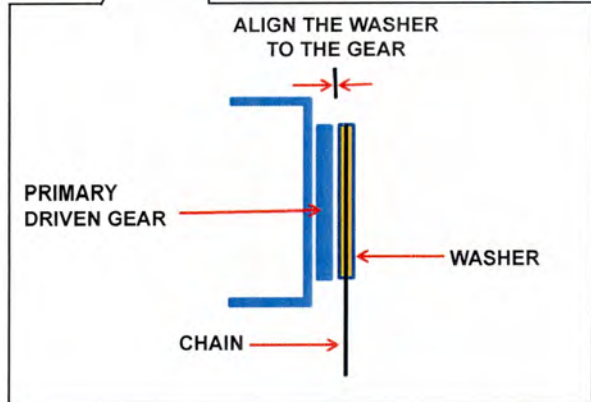
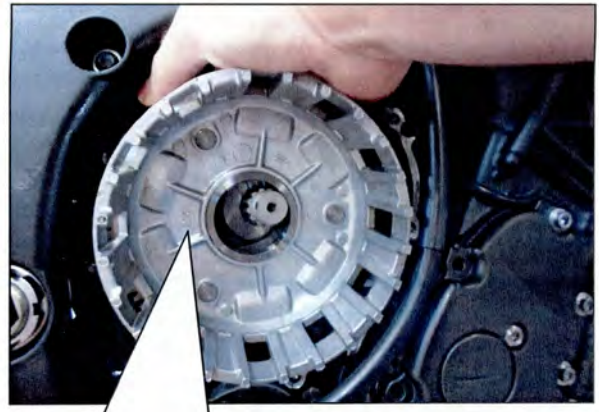
1. Remove the spacer from the center of the primary driven gear (using a small magnet or gently rocking the primary driven gear forward and back will help release the spacer).



2. Reach behind the primary driven gear from the top and align the washer with chain to the sprocket on the back of the primary driven gear. Once aligned, slide the chain off the washer and onto the sprocket.

**NOTICE:**

Double check to confirm the chain is still oriented within the guides before re-installing the bearing and collar.



3. Re-install the bearing and collar. Rotate the engine by hand to verify the chain is properly engaged with the sprocket and the oil pump turns.

