

WARRIORS OFF ROAD

PROBLEMS WITH THE FRONT COUNTER SHAFT SPROCKET WASHER



These three tabs are not bent correctly from the factory and do not fit inside the counter shaft splines

This small washer has a long history of allowing the nut to come loose during riding. As a result it can cause the chain to come off the sprocket and the small nut will be lost almost for sure. Another risk is to the engine case, in the event the sprocket comes loose and the chain binds, it might cause sever damage to the engine case.

I have found a quick tip on how to ensure this washer works the way It was intended.

Problem: is that the three small tabs are not open enough to slide into the countershaft sprocket splines.
(Pic 1)

Fix: open up the tabs to fit inside the countershaft sprocket splines.

1. Using the front sprocket, place it on a sturdy surface, than place the washer on top like in (pic 1.)
2. Then using a small punch and hammer, tap the tabs inwards so they fit inside the splines on the sprocket. (Pic 2)
3. You should not be able to rotate the washer after this mod. It should fit easily into the sprocket splines.
4. Mount it back on the UTV, install the modified washer, add blue Loctite and tighten down the nut. Then bend the outer tabs into the nut to secure it down.

Pic 1



The nut has no way of locking down with this washer able to rotate

Tools needed



Pic 2



Tap down the inner tabs so they fit into the splines in the sprocket.