



#TechTipTuesday

Properly Aligning Your Chain

While it may seem like a simple chore to some, properly aligning your chain is something many do not know how to do correctly, which can cause major issues (and reduce overall speed). So, let's quickly cover this routine task.

Before starting, be sure the engine is in place on the mount, the clutch (with the correct driver) is properly installed on the engine, and that the rear sprocket is mounted to the axle's hub.

Place the chain on both sprockets, then slide the engine so that there is approximately 1" of vertical play in the chain, then snug the butterfly clamps beneath the engine mount.

Now that everything is in place, loosen the set screw within the sprocket hub to allow it to slide from side to side on the axle.

Eyeballing it, align the sprocket hub to the clutch driver.

Slowly spin the axle backwards; when it stops look at where the sprocket is sitting within the chain.

If the sprocket is all the way to the left side of the chain, move the hub to the right.

If the sprocket is all the way to the right side of the chain, move the hub to the left.

The sprocket teeth should fall in the center of the chain.

After each move of the sprocket hub, spin the axle backwards to let the chain "walk" to its natural position. Repeat the process until the sprocket rides within the approximate center of the chain. Don't forget to tighten the set screw within the sprocket hub when you're finished!