



## **HOW TO MAKE ADJUSTMENTS**

Find the outer adjustment hole (opening) on the edge of the spur gear assembly and look through it. Rotate the spur assembly while looking through the outer hole until it lines up with the inner adjustment hole inside. There are two hex screws (one per side). These screws adjust the shift point. The screws have a spring below them, and the spring tension is what makes the two-speed shift:

- By adjusting the screws outward (counter-clockwise, loosening the adjustment screw) you can make shifting happen sooner;
- By adjusting the screws inward (clockwise, tightening the adjustment screw) you delay shifting to happen later.

## **ADJUSTING SHIFT POINT**

1. Turn the engine OFF (important!) and dial the adjustment screw all the way inward to start.
2. Turn the engine ON and drive the vehicle; note when it shifts to second gear (or if it does shift at all).
3. Turn the engine OFF again (important!), line up the adjustment holes, and turn both adjustment screw outward 1/4 a turn.
4. Turn the engine ON again and drive the vehicle, shifting should happen sooner this time around.
5. Repeat steps 3-4 until you get your shift point to your preference.

NOTE: For best performance, make sure both screws are adjusted evenly.