

REVVO

TRAXXAS

Replacing the Spur Gear

1. Loosen the set screw that secures the pipe hanger to the exhaust pipe.
2. Remove the four cap-head screws that secure the engine to the engine mount.
3. Remove the air filter from the carburetor to aid in the removal of the engine.
4. Push the engine slightly forward until the throttle arm on the carburetor slides out of the fork of the throttle bell crank.
5. Carefully move the engine and exhaust system aside to access the spur gear.
6. Locate the three cap-head screws on the spur gear and note the orientation of the spur gear (text facing away from the transmission).
7. Remove the three screws from the spur gear and pull the spur gear off of the slipper assembly.
8. Repeat steps in reverse order to install a new spur gear and reinstall the engine.

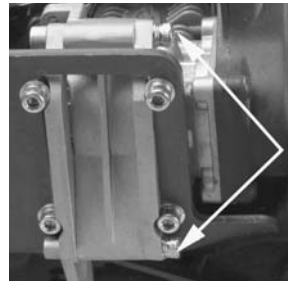


When installing the spur gear: The heads of the screws should fit snugly inside of the plastic fingers that are molded into the spur gear.

When reinstalling the engine: Remember to secure the yellow EZ-Start ground wire to the engine block with one of the inside engine mount screws.

Setting Gear Mesh

1. Loosen the two horizontal 3x28 cap-head screws located on the engine mount just enough to shift the engine in and out.
2. Push the engine up and in toward the spur gear until the clutch bell gear binds slightly with the spur gear. Check this by spinning the spur gear. The spur gear should turn the clutch bell gear, it may feel rough.
3. Back the clutch bell gear off of the spur gear slightly to the point where the spur gear and clutch bell gear can spin freely.
4. Tighten the two 3x28 cap-head screws.



Note: The clutch bell gear and the spur gear should be as close as possible (flush with each other), but still be able to spin freely without binding.