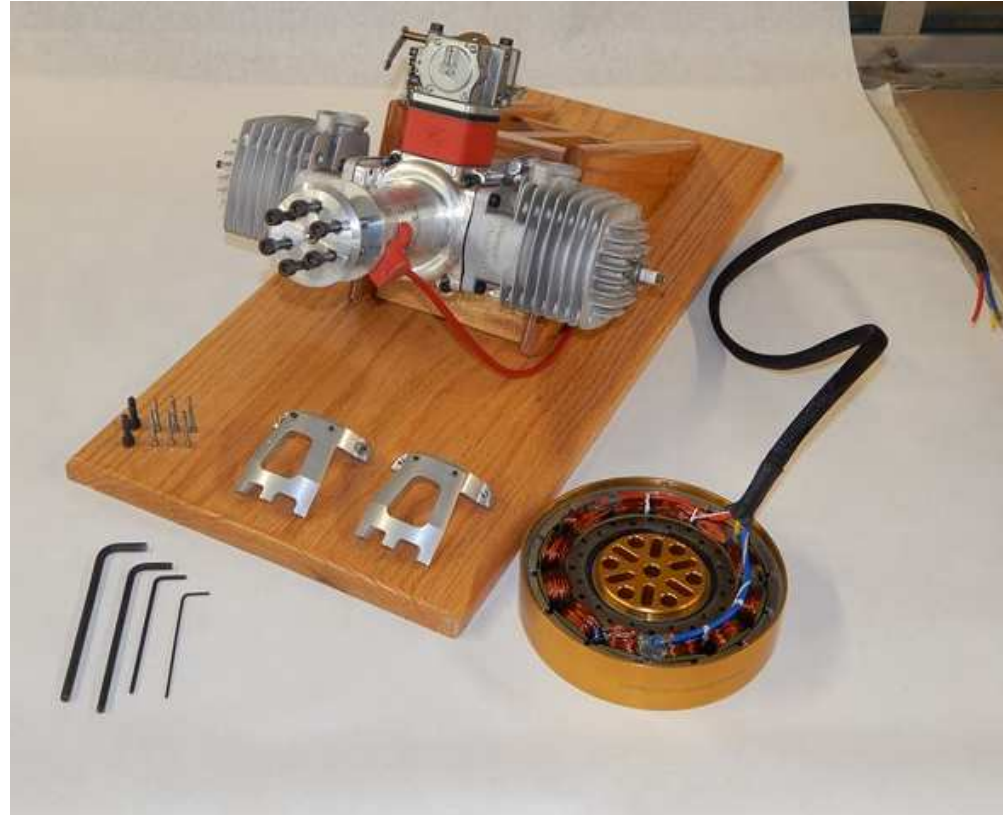


Procedure for Installing Clamp Type Stator Brackets on Sullivan Alternators



What you will need:

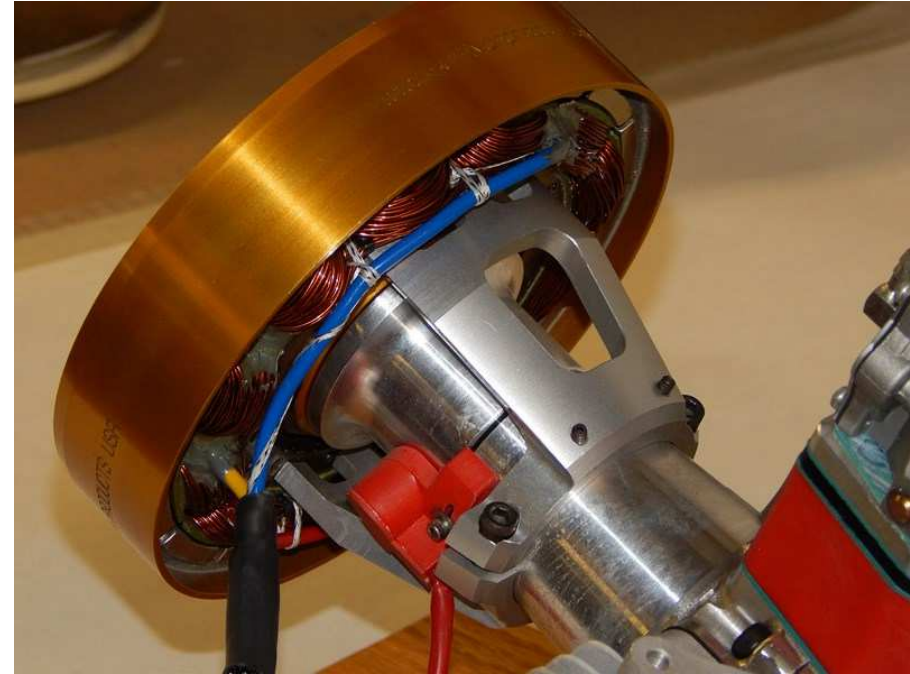
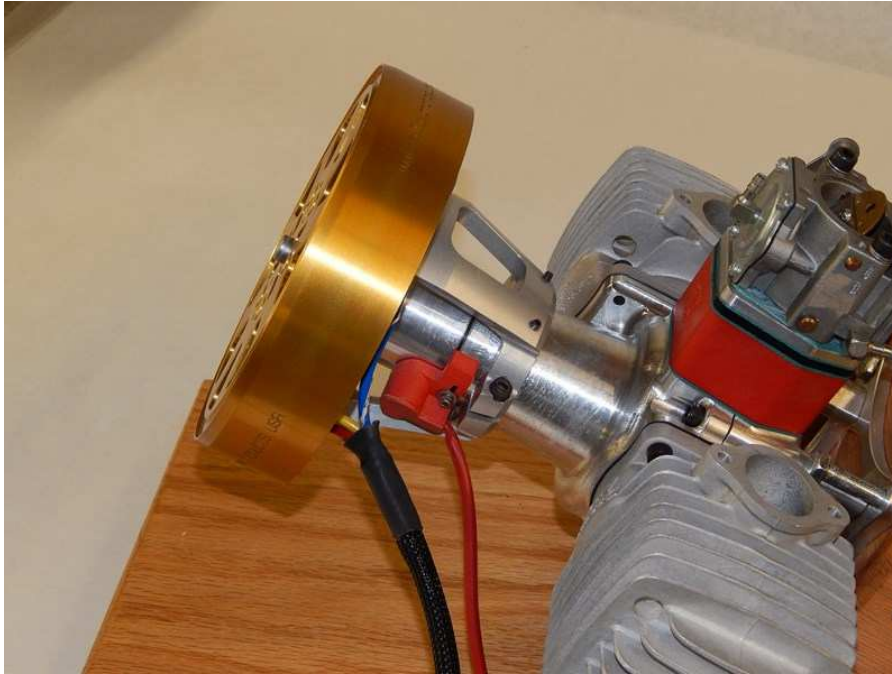
The engine, the alternator, the clamp style alternator bracket, the bracket hardware, a bottle of retaining compound, and a few Allen wrenches.

Procedure for Installing Clamp Type Stator Brackets on Sullivan Alternators



Step #1: Remove Prop Bolts and Washer, locate and take note of Hall Effect Sensor, and loosely attach Clamp Style Alternator Bracket with retaining compound and the hardware provided.

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Step #2: Place alternator onto engine shaft and allow it to come into contact with the Bracket. Be sure Alternator Hub has seated all the way against the Prop Hub, if not loosen clamp until alternator can rest against the Prop Hub

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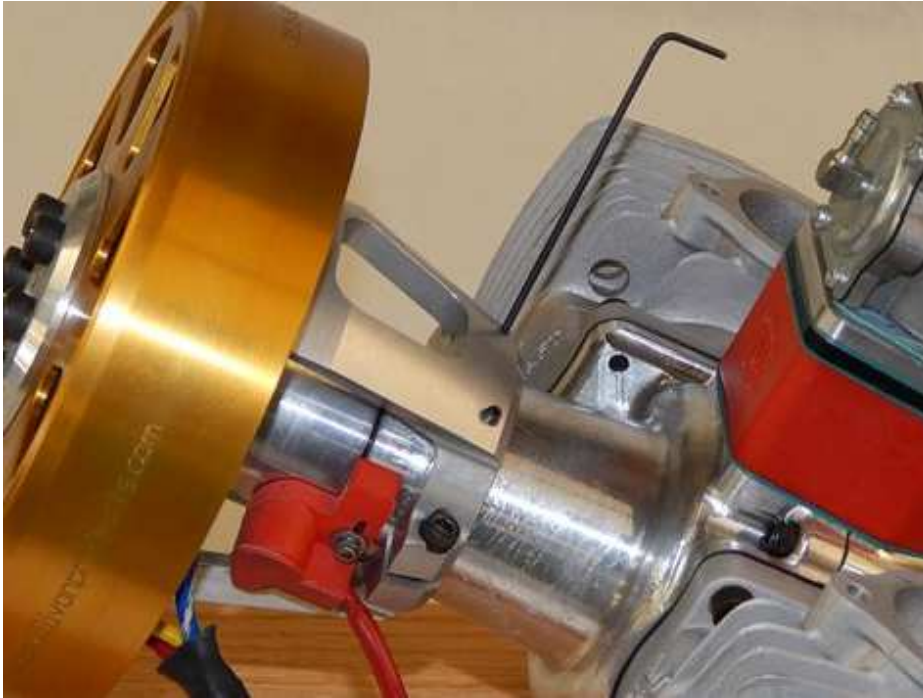
Step #3: Using the bolts provided, attach the Stator to the mounting bracket using either lock washers or retaining compound. Once all bolts are in place proceed to the next step.

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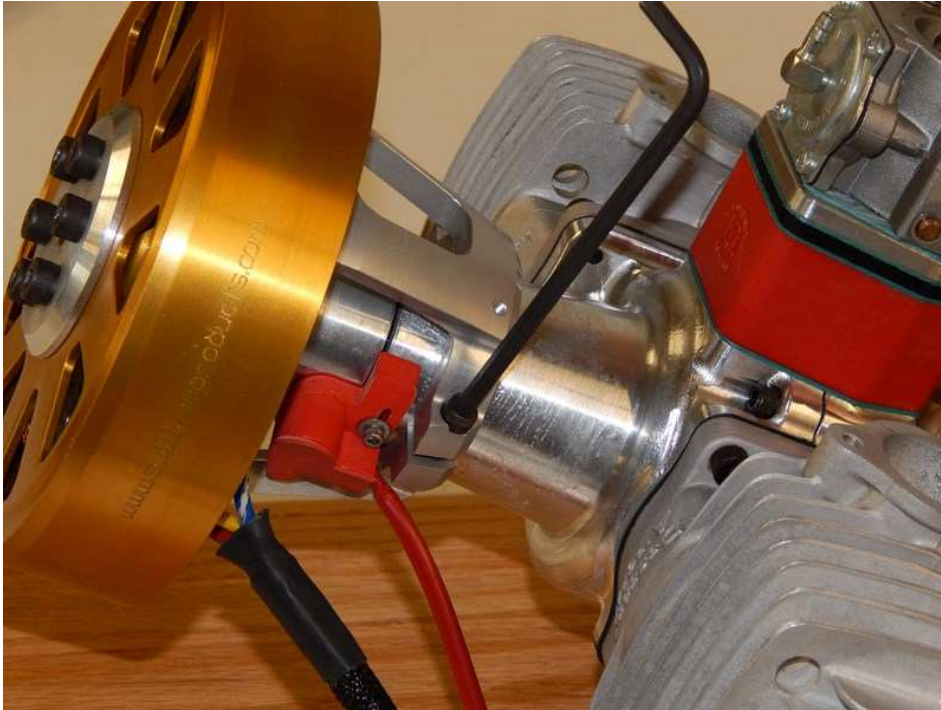
Step #4: Replace the Prop bolts and washer and ensure that the Alternator is up against the hub tight. This allows the bracket to assume its proper axial position.

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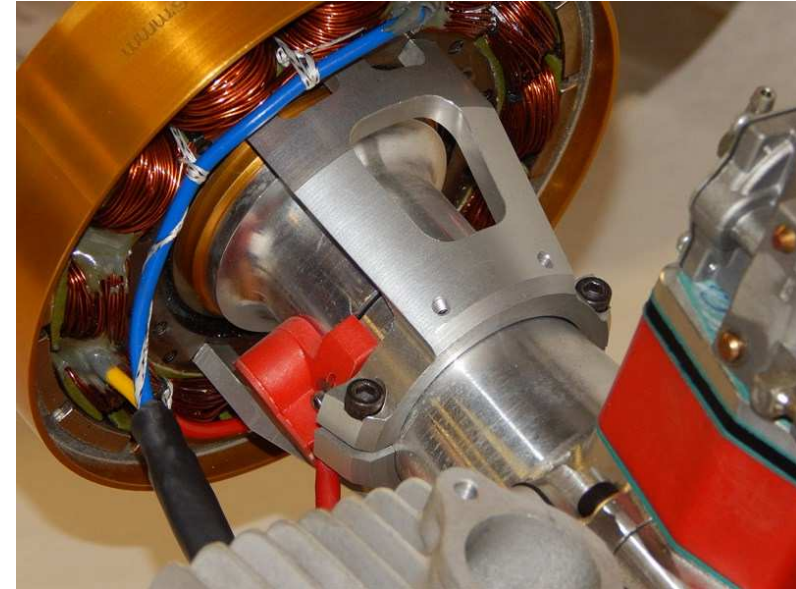
Step #5: With the bracket clamp bolts still slightly loose, position the bracket at its final resting place and using a retaining compound, tighten the cone point set screws. These will grip the motor to prevent the bracket from slipping during final tightening of the clamps and while the engine is operating.

Procedure for Installing Clamp Type Stator Brackets on Sullivan Alternators



Step #6: Tighten down the socket cap screws on the bracket allowing the bracket to attach securely to the hub and allowing the cone point set screws to imbed in the hub, stopping any rotational movement.

Procedure for Installing Clamp Type Stator Brackets on Sullivan Alternators



Completed Installation Checks:

- Check the stator and rotor for axial alignment and concentricity.
Turn rotor by hand.
- Check to be sure the air gap between magnets and stator is even
on all sides and no contact is made.
- Check that all fasteners are tight and installed with retaining
compound or locking hardware.

