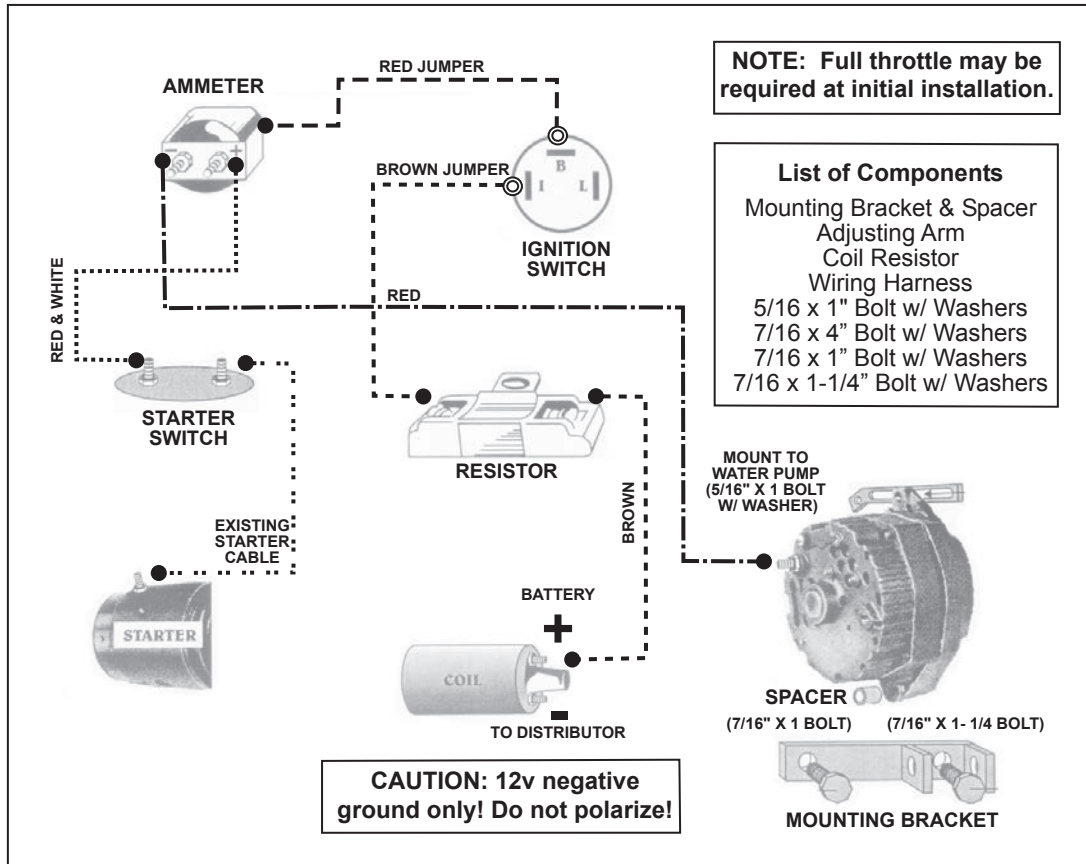


TO30 ALTERNATOR KIT INSTRUCTIONS S.43233



Installation Instructions for Ferguson TO30 (less Tractormeter)

- 1- Disconnect and remove battery, wiring, harness, generator, brackets and voltage regulator.
- 2- Install new mounting brackets with bolts furnished. In same location as generator install alternator using spacer and belt (per diagram). Tighten securely.
- 3- Install wiring harness (per diagram). Locate coil resistor near ignition switch. Change all light bulbs to 12 volt.
- 4- Check 12 volt battery for condition and full charge. Clean posts and install. (Negative ground only)
- 5- Start tractor. As engine speed is increased, alternator will start charging. If not, check installation.

WARNING!

1. **DO NOT ATTEMPT TO POLARIZE THE ALTERNATOR.** Alternators do not require polarization and doing so will seriously damage the charging system.
2. Never operate the alternator with the charging system open circuited as this will damage the diodes.
3. Never "ground" or "short" any terminal on the alternator or voltage regulator.
4. Reversing the battery polarity will instantly burn out the alternator diodes.
 - a. Be sure ground cable is connected to the correct battery post.
 - b. Always disconnect both battery cables before connecting a charger to the battery.
 - c. When starting your engine with a booster battery, be sure to connect battery posts POSITIVE TO POSITIVE and NEGATIVE TO NEGATIVE.