

STEINER

TRACTOR PARTS, INC.

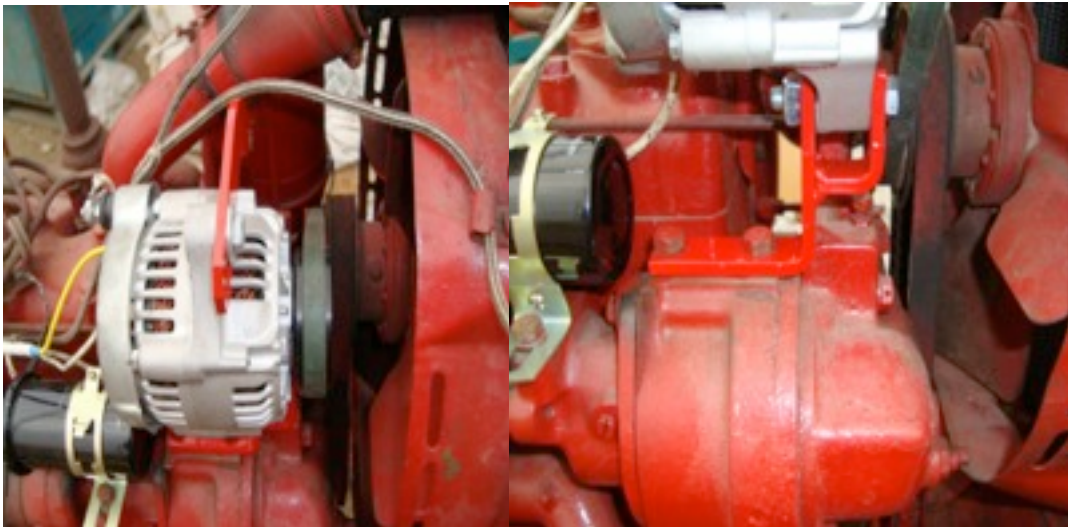
1660 S M13, LENNON, MI 48449
Fax: 810-621-3099 Phone: 810-621-3000

IHS2340

INSTRUCTIONS ARE FOR USE WITH THE ABC535 ALTERNATOR ONLY!

NOTE! ELECTRICAL SYSTEMS CAN BE DANGEROUS! IF YOU ARE NOT SURE OF YOUR SKILLS, PLEASE HAVE A QUALIFIED REPAIR SHOP PERFORM THIS CONVERSION!

1. ALLOW TRACTOR TO COOL DOWN TO AIR TEMPERATURE BEFORE ATTEMPTING TO SERVICE MACHINE
2. DISCONNECT BATTERY CABLES AND REMOVE BATTERY
3. REMOVE AIR CLEANER CAP AND MUFFLER, THEN REMOVE HOOD
4. LOOSEN TOP GENERATOR ADJUSTING BRACKET TO LOOSEN BELT
5. REMOVE BELT FROM GENERATOR PULLEY, AND UNBOLT GENERATOR, REGULATOR OR CUTOUT, AND GENERATOR BRACKETS
6. REMOVE REGULATOR AND REGULATOR MOUNTING BRACKET
7. ONCE EVERYTHING IS DISMOUNTED, YOU MAY PROCEED MOUNTING THE NEW ALTERNATOR BRACKETS AS SHOWN IN THE PICTURES



8. UPON INSTALLATION, LEAVE BOLTS IN SLOTTED HOLES LOOSE FOR FINAL BELT ADJUSTMENT

9. REINSTALL BELT, ADJUST TENSION, AND TIGHTEN ALL BRACKET AND ALTERNATOR MOUNTING BOLTS.
10. REMOVE ORIGINAL CHARGING SYSTEM WIRING. DO NOT REUSE ORIGINAL WIRES AS THEY WILL NOT SAFELY HANDLE THE OUTPUT OF THE NEW CHARGING SYSTEM.
11. INSTALL NEW 12 GAUGE WIRE FROM (+) POST ON BACK OF AMP GAUGE TO THE SINGLE THREADED TERMINAL ON THE ALTERNATOR (WE RECOMMEND USE OF OUR ABC466 AMMETER). BE SURE TO REVERSE AMMETER WIRES
12. ABC535 IS OUR REQUIRED ALTERNATOR FOR THIS BRACKET SET. THIS ALTERNATOR REQUIRES THE USE OF A SECOND WIRE. THIS DIODE WIRE MUST BE HOOKED INTO A (KEY ON KEY OFF) SOURCE OF POWER IN ORDER FOR THE ALTERNATOR TO EXCITE AND START CHARGING. WHEN TRACTOR IS TURNED OFF THERE MUST NOT BE POWER THROUGH THE DIODE WIRE.
13. IF TRACTOR IS EQUIPPED WITH A MAGNETO, GO TO #15
14. BE SURE TO USE A 12 VOLT IGNITION COIL (SUCH AS OUR ABC509 WITH INTERNAL RESISTOR). YOU ALSO NEED TO SWITCH THE COIL POLARITY SO THAT THE (-) SIDE OF THE COIL IS WIRED TO THE DISTRIBUTOR AND THE (+) IS WIRED TO A POWER SOURCE. IF YOU ALREADY HAVE A 12 VOLT COIL, WE CAN SUPPLY YOU WITH AN EXTERNAL RESISTOR (ABC366) IN ORDER TO PROTECT THE POINTS FROM PREMATURE WEAR OR FAILURE.
15. REINSTALL BATTERY ALONG WITH CABLES. **WHEN SWITCHING TO AN ALTERNATOR, YOU MUST MAKE SURE TO HOOK YOUR BATTERY UP NEGATIVE GROUND!**
16. REINSTALL HOOD AND OR SIDE PANELS AS WELL AS THE MUFFLER AND AIR CLEANER CAP
17. COMPLETE FINAL INSPECTION OF ALL PARTS AND WIRING BEFORE STARTING YOUR TRACTOR. IF EVERYTHING IS PROPER, START TRACTOR AND OBSERVE THE AMMETER. YOUR CHARGING SYSTEM SHOULD PRODUCE BETWEEN 12.4 VOLTS AND 14.8 VOLTS
18. ALTERNATOR WILL EXCITE AND START CHARGING WHEN ENGINE IS REVVED TO AROUND 800 TO 850 RPM'S



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