



Bulletin No: SB2004-04
Category: STEINER
Section: N/A
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Machine/s: General
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Date: June 21, 2004

Type: Product Information

TO: All Steiner Dealers
SUBJECT: 38665 Solenoid

ISSUE:

Test procedure for **38665** Solenoid.

CORRECTION:

Before replacing **38665** Solenoid please follow the testing instructions included with this bulletin.

AFFECTED SERIAL NUMBERS:

All serial numbers for the following models:
ZT's

WARRANTY:

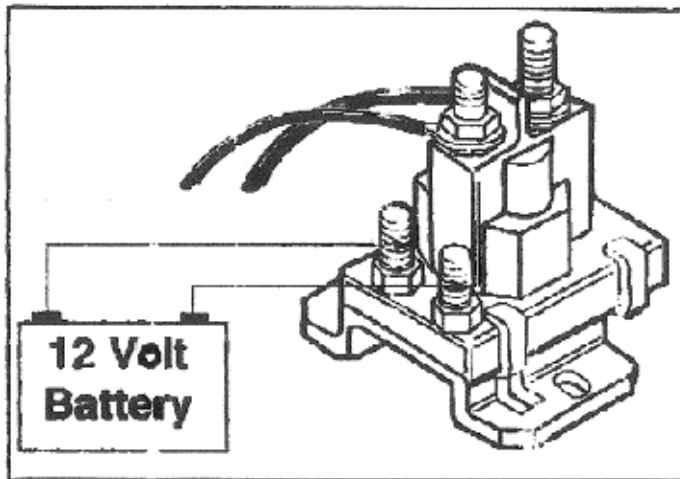
This bulletin is for information purposes only. Warranty does not apply. If you have any questions please contact the Johnson Creek Customer Service Team at 1-800-848-1636 option 2,2.

CustomerOne™ Product Support

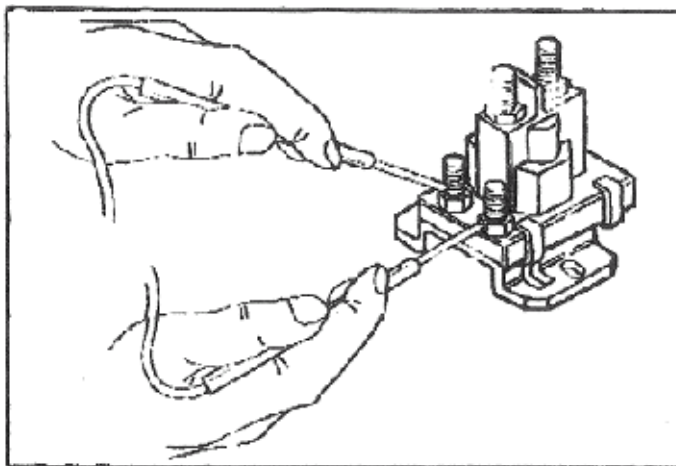
This bulletin is relevant to the departments shown below. Please circulate as appropriate.

SERVICE ☒ WARRANTY ☒ SALES ☐ PARTS ☒

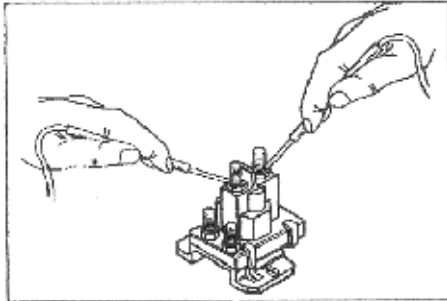
1. Disconnect the wire from the two small terminals on the solenoid. Apply 12 volts to the two small terminals of the solenoid and the solenoid should engage and the engine should crank. Be sure that the transmission is in neutral and the P.T.O. is off, because the safety of the system is being by-passed. If the solenoid did not engage, go to the next check.



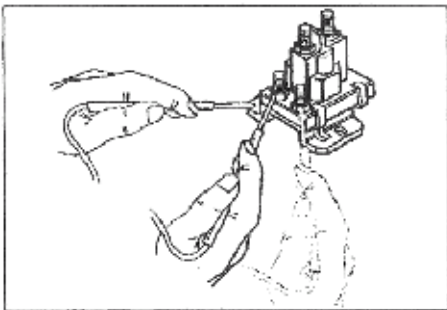
2. Remove the solenoid from the unit. With a multimeter set at OHMS RX1 scale connect the test leads to the two small terminals on the solenoid. The meter should read less than 10 OHMS.



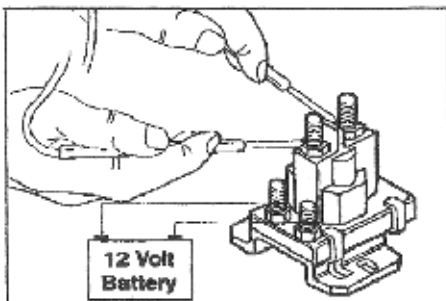
3. With the meter set at OHMS RX1 scale connect the test leads to the two large terminals. The meter should read infinite OHMS (no continuity).



4. With the meter set at OHMS RX1 scale connect the test lead to the mounting base of the solenoid. Connect the other test lead, one at a time, to each small terminal. The meter should read infinite OHMS (no continuity).



5. Apply 12 volts to the two small terminals of the solenoid. There should be an audible click as the solenoid engages. With the solenoid engaged and the meter set at OHMS RX1 scale, connect the test leads to the two large terminals. The meter should show continuity across these terminals.



If all of these checks test as stated, the solenoid is good and the electrical problem is somewhere else in the unit. If any of these checks (steps 2-5) test out faulty, the solenoid is defective.