



Customer Service Bulletin Commercial Business Group

Workman 2100[®]

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	07253	200001200-210001217
	07253TC	200001200-210000393

Subject: The Voltage Regulator red lead is attached to the incorrect side of the Start Solenoid.

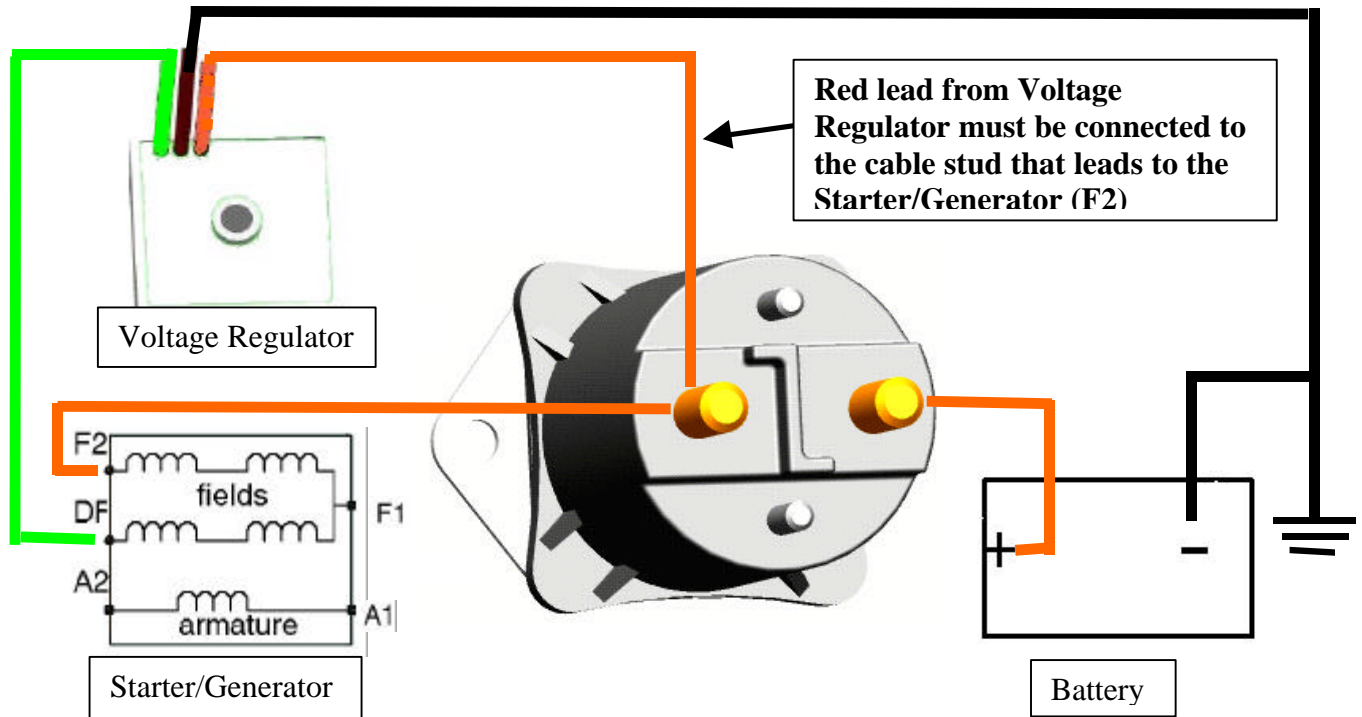
Situation: The Voltage Regulator is wired incorrectly to the start solenoid. This may cause the battery to continually discharge, and the machine may not start due to a “discharged” battery.

Correction: If your machine is in the serial number range above, inspect it according to the Charging System Diagnostics instructions included in this bulletin.

CHARGING SYSTEM DIAGNOSTICS

For Workman 2100

1. **Check Red wire from the voltage regulator:** The eyelet should be connected to the 5/16" (7.9mm) post on the starter/generator side of the Start Solenoid, **not the battery side**. Correct as necessary using the following drawing as a reference.



2. **Check for charging:** Connect a VOM to the battery (red to positive and black to negative). With the machine in neutral, start and run the engine at mid-range RPM (approx. 2000 RPM). The voltage reading should rise up to approx. 14.5 Volts. If the battery has a low charge, this may take several minutes.

If the voltage is approximately 14.5 volts the charging system is working properly.

If your readings do not match those in step 1 and 2, contact your local distributor for further repair instructions.