TECH BULLETIN

GH10001, GH10002, GH10003, GH10004, GH10006, GH10009

When testing these units, you must make sure that the RPMs are at least 3,000. Anything other than that may lead to a misdiagnosis of the Hitachi starter-generators.

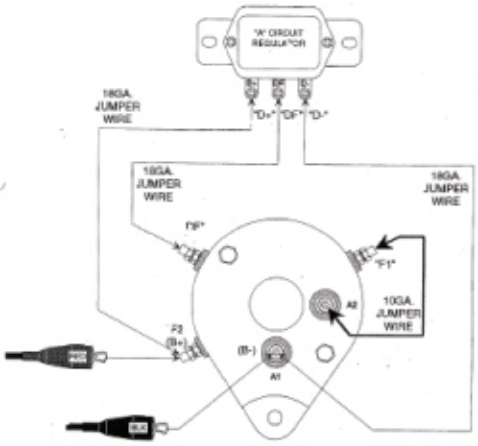
These units do not produce a charge until 3,000 RPMs.

WARNING

It's a good idea to observe and tag all connections, especially when replacing this type of starter-generator, as there are multiple configurations. If there is a jumper wire on the unit, does it go to A2 to F1 (most popular) or A1 to F2?

TESTING HOOKUPS FOR 5-STUD UNITS

Hookups for Testing CCW Generator Operation



- -A1 Battery **NEGATIVE**
- -Jumper from A2 to F1
- -F2 battery **POSITIVE**
- -Battery **NEGATIVE** to the DF

HOOKUPS FOR TESTING CW GENERATOR OPERATION

- -F2 Battery **POSITIVE**
- -Jumper from A1 to F1
- -A2 battery **NEGATIVE**
- -Battery **NEGATIVE** to the DF

HOOKUPS FOR TESTING CWW GENERATOR OPERATION

- -F2 Battery **POSITIVE**
- -Jumper from A1 to F2
- -A1 battery **NEGATIVE**
- -Battery **POSITIVE** to RED lead
- -Battery **NEGATIVE** to GREEN lead