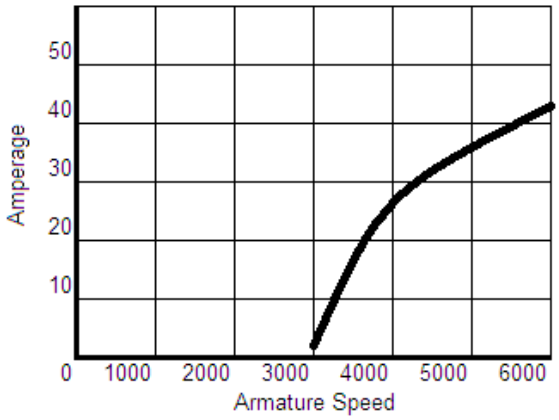
TECH TIPS

Dixie Part Numbers: 340-75101 340-75102

Applications: Club Car Applications
Columbia Applications
Toro Applications

Condition: Testing the unit at low RPM may lead to misdiagnosis of the above starter/generator units.

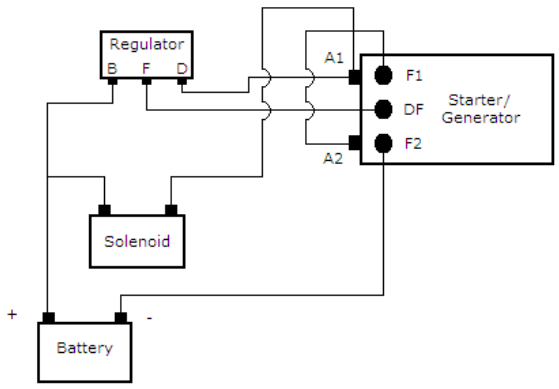
Cause: The above starter/generator unit does not produce a charge until 3000 RPM (armature speed) shown in the graph below is the charge rate for the unit.



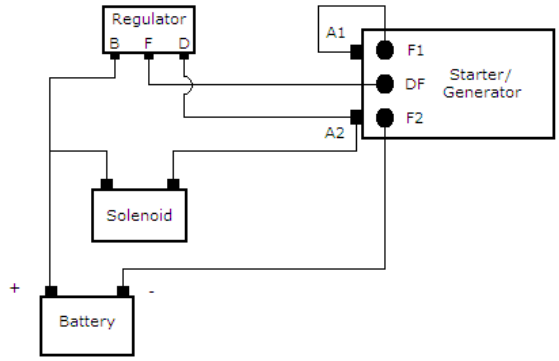
Correction: The armatures must be spun between 4000 and 5000 to get the 23A. For reference in trouble shooting on the vehicle below are the typical wiring diagrams for both the clockwise and counter clockwise applications of the starter/generators.

340-75101 Typical Connections

Typical Counter Clockwise Wiring



Typical Clockwise Wiring



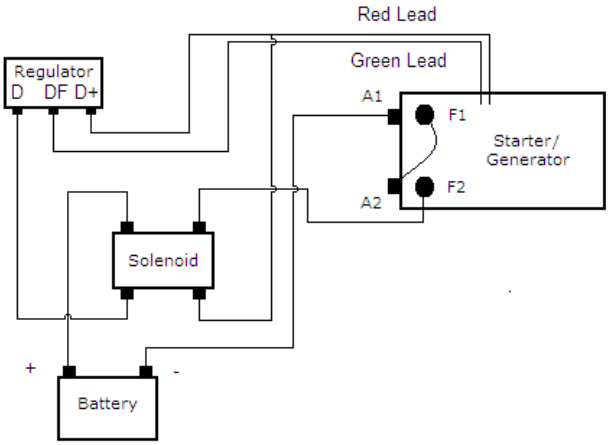
TECH TIPS

340-75102 Typical Connections

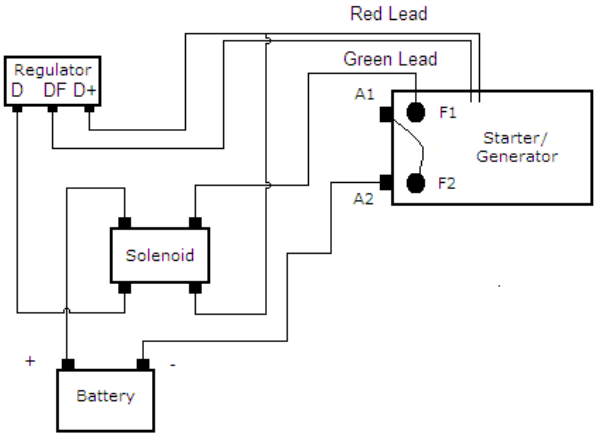
Warning – It's a good idea to observe and tag all connections, especially when replacing this type of starter/generator as there are multiple configurations. If possible obtain the manufacturer's wiring diagram and follow it when replacing the unit. Things to check for on the unit being removed:

- does it have the jumper installed (some applications use relays instead)
- if there is a jumper does it go from terminal A2 to F1 (most popular) or A1 to F2 (less popular).

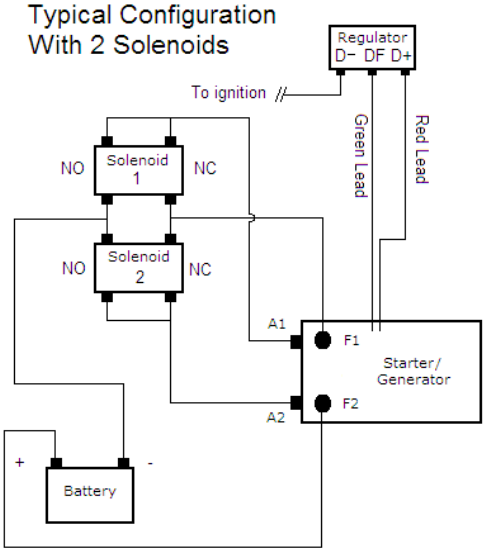
Typical Clockwise Wiring



Typical Counter Clockwise Wiring



Typical Configuration
With 2 Solenoids



Rev: 20100511 340-75101 supersedes SG-800 and SG-801, 340-75102 supersedes SG-802
20100902 Added Typical Wiring Diagrams