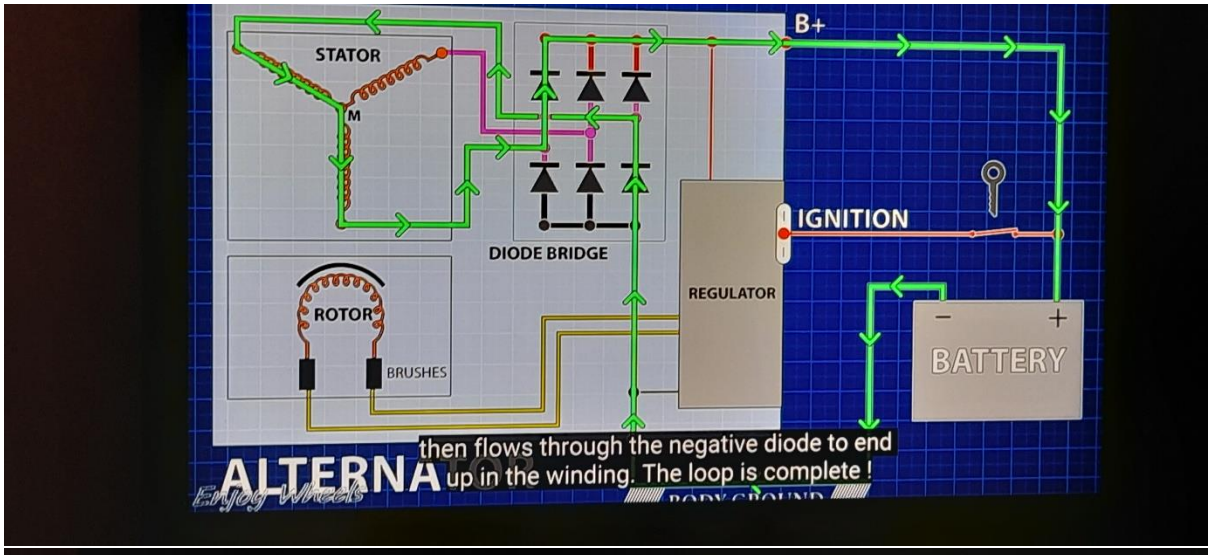
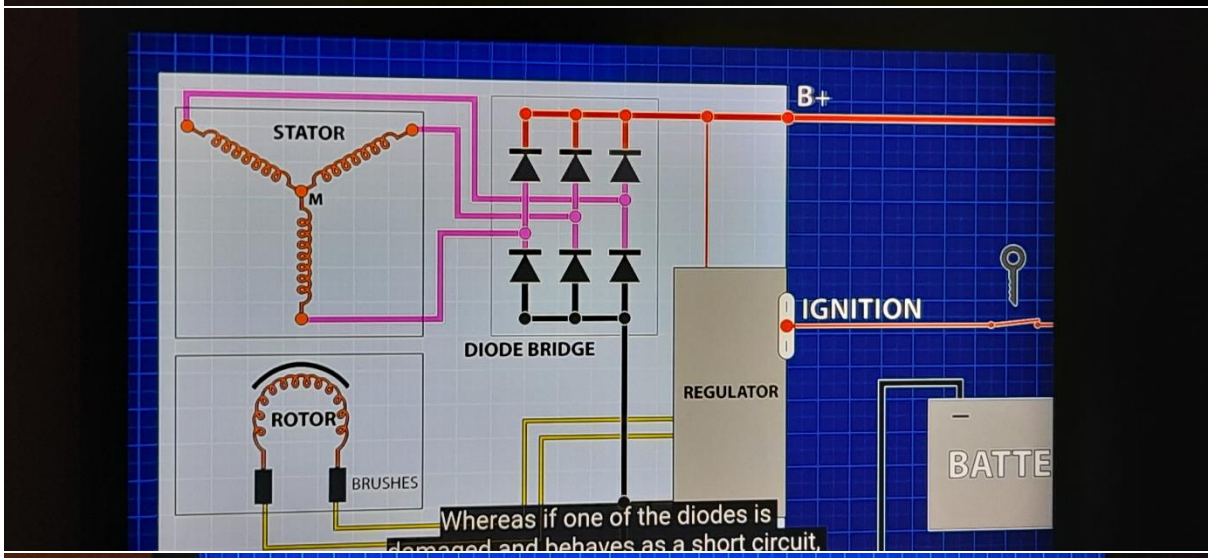
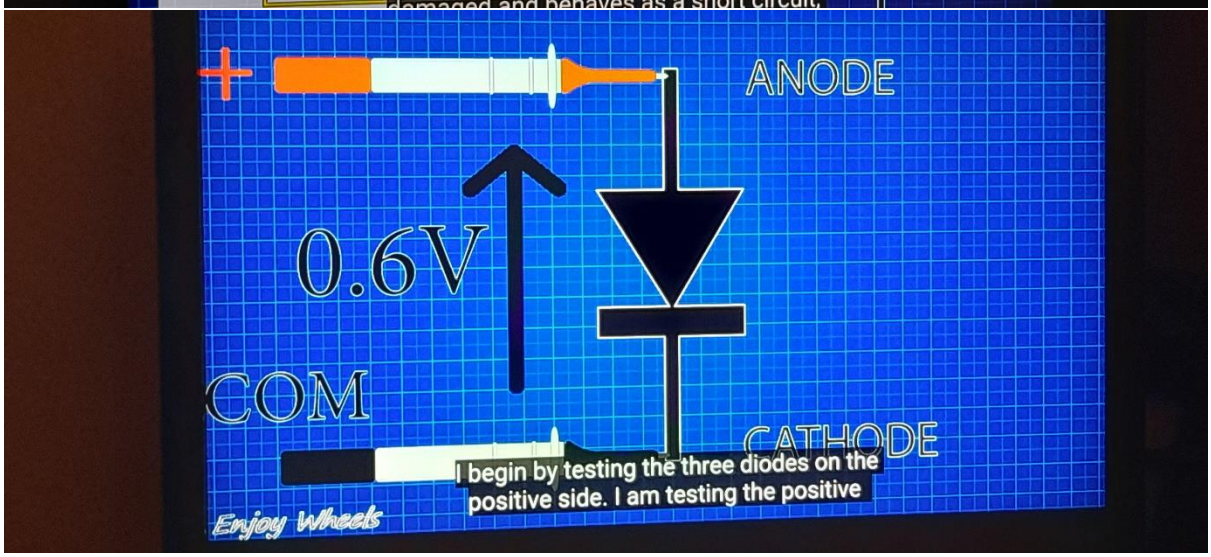
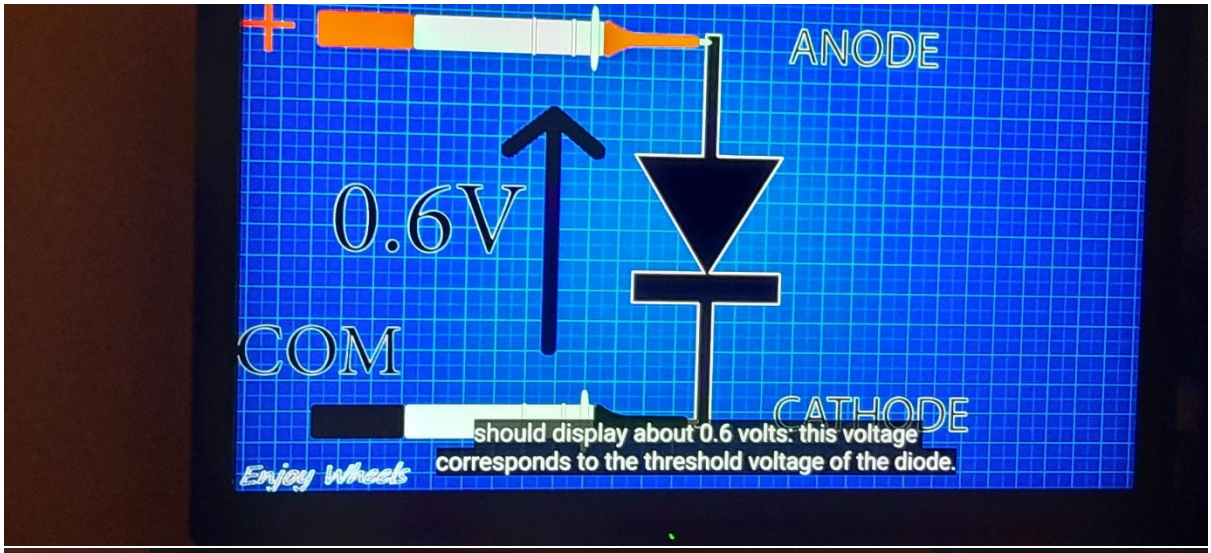
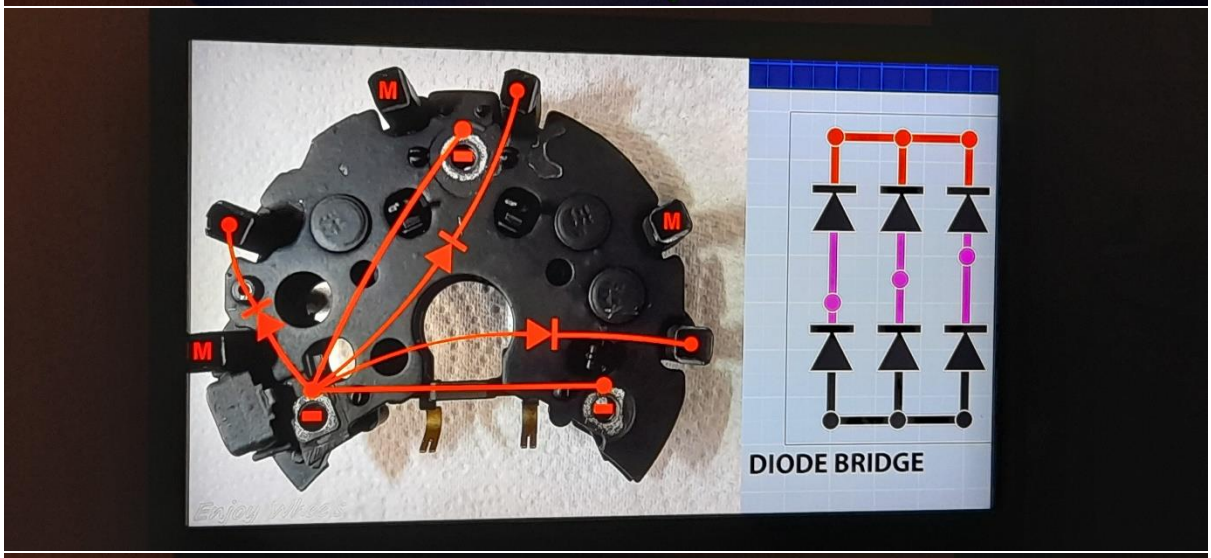
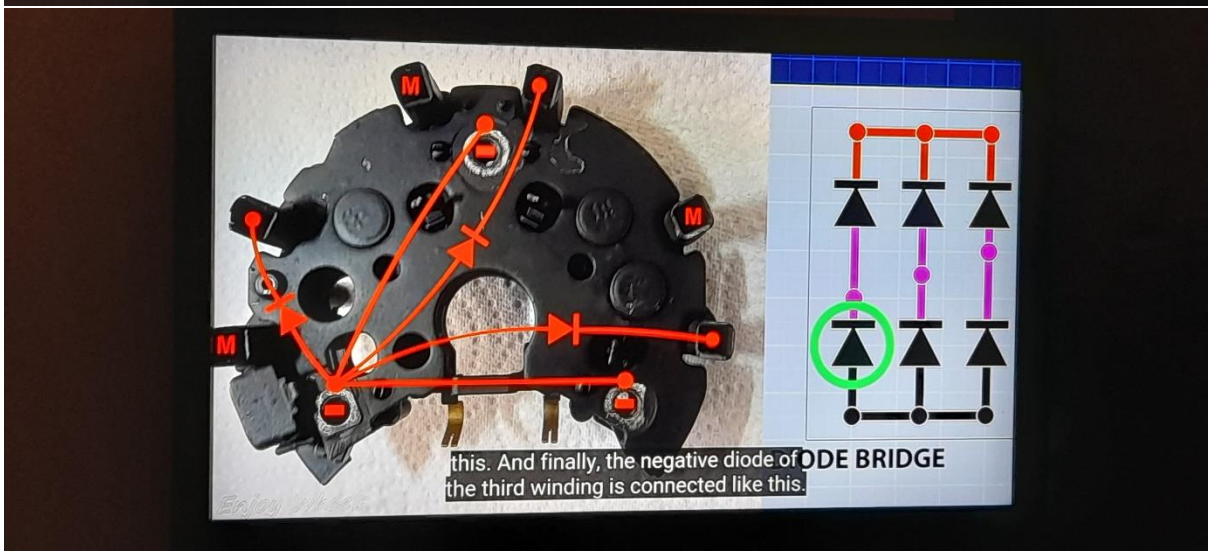

STATOR
M
B+
DIODE BRIDGE
IGNITION
REGULATOR
ROTOR
BRUSHES
BATTERY
then flows through the negative diode to end
up in the winding. The loop is complete !
ALTERNA
Enjoy Wheels

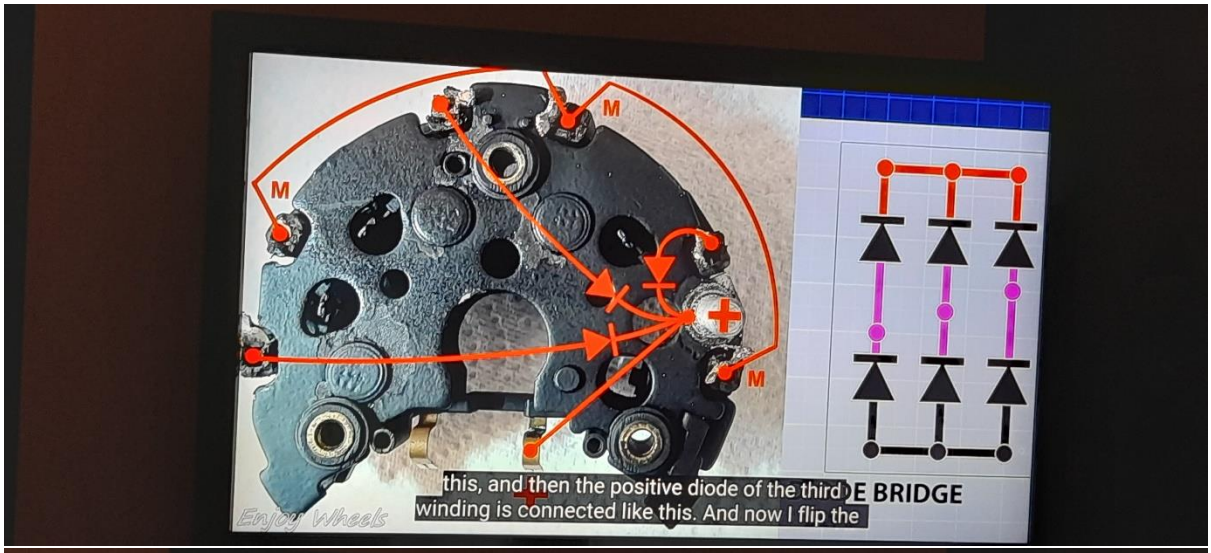

STATOR
M
B+
DIODE BRIDGE
IGNITION
REGULATOR
ROTOR
BRUSHES
BATTE
Whereas if one of the diodes is

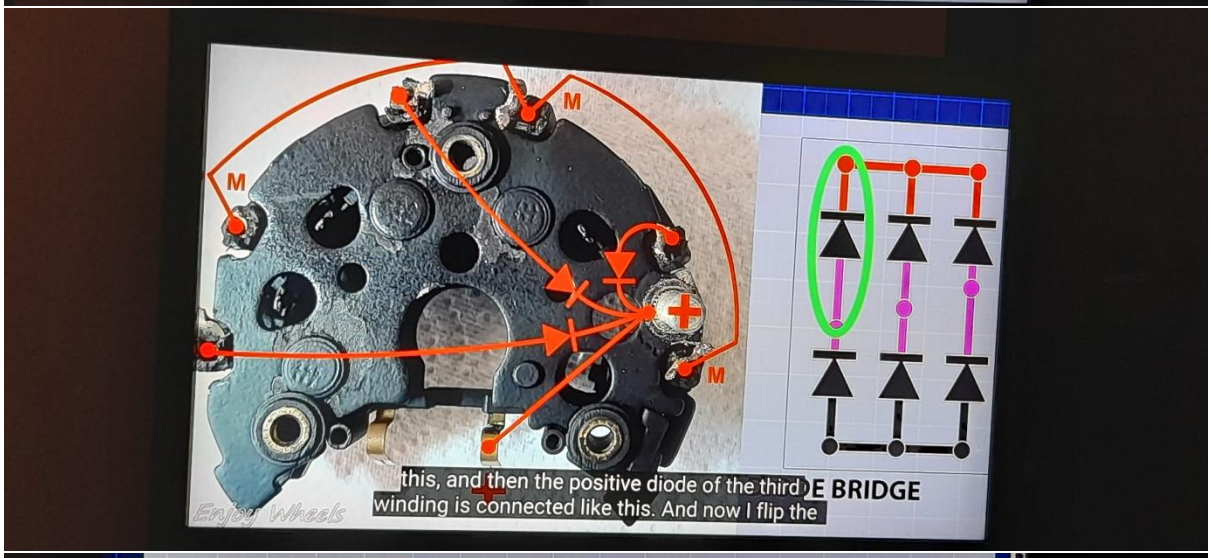

ANODE
0.6V
COM
CATHODE
I begin by testing the three diodes on the
positive side. I am testing the positive
Enjoy Wheels

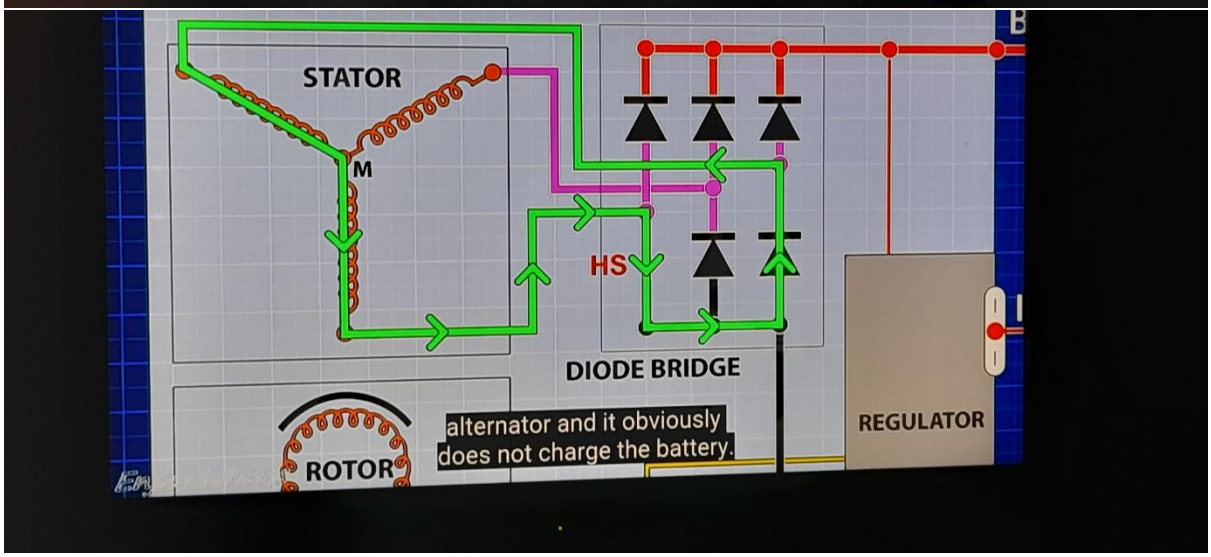

+
ANODE
0.6V
COM
CATHODE
should display about 0.6 volts: this voltage
corresponds to the threshold voltage of the diode.
Enjoy Wheels


M
M
M
DIODE BRIDGE


M
M
M
this. And finally, the negative diode of
the third winding is connected like this.
ODE BRIDGE


M
M
M
this, and then the positive diode of the third
winding is connected like this. And now I flip the
E BRIDGE
Enjoy Wheels


M
M
M
this, and then the positive diode of the third
winding is connected like this. And now I flip the
E BRIDGE
Enjoy Wheels


STATOR
M
HS
DIODE BRIDGE
ROTOR
alternator and it obviously
does not charge the battery.
REGULATOR