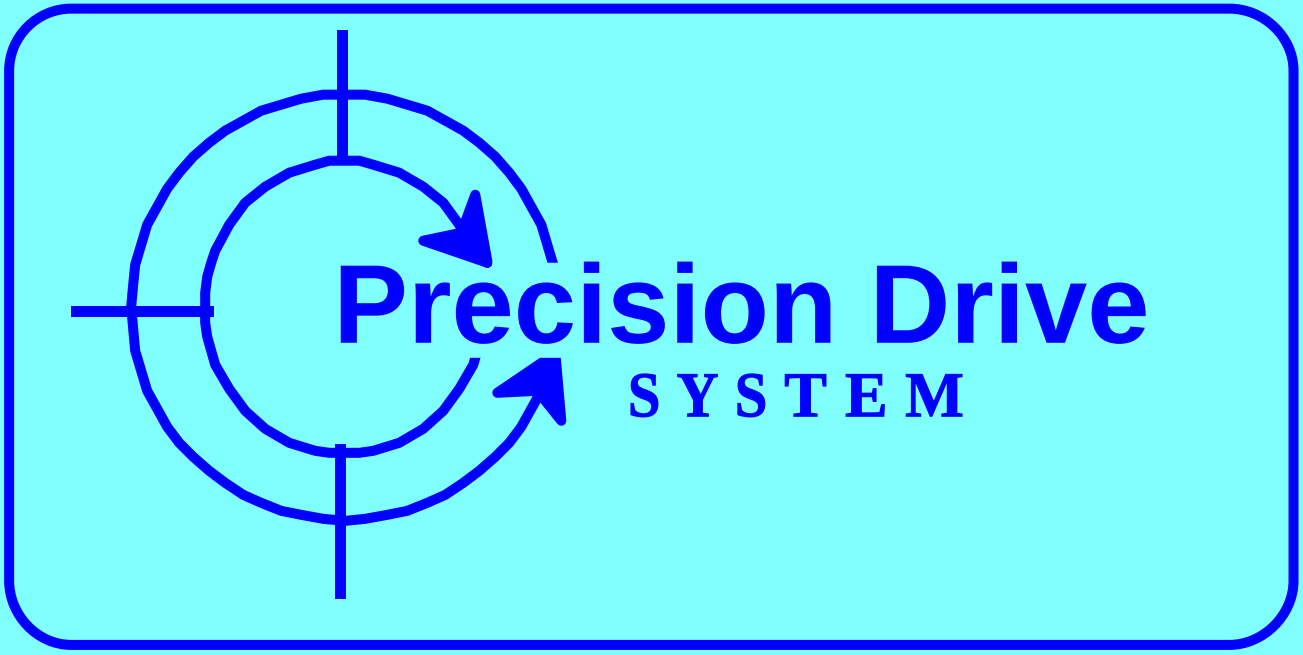
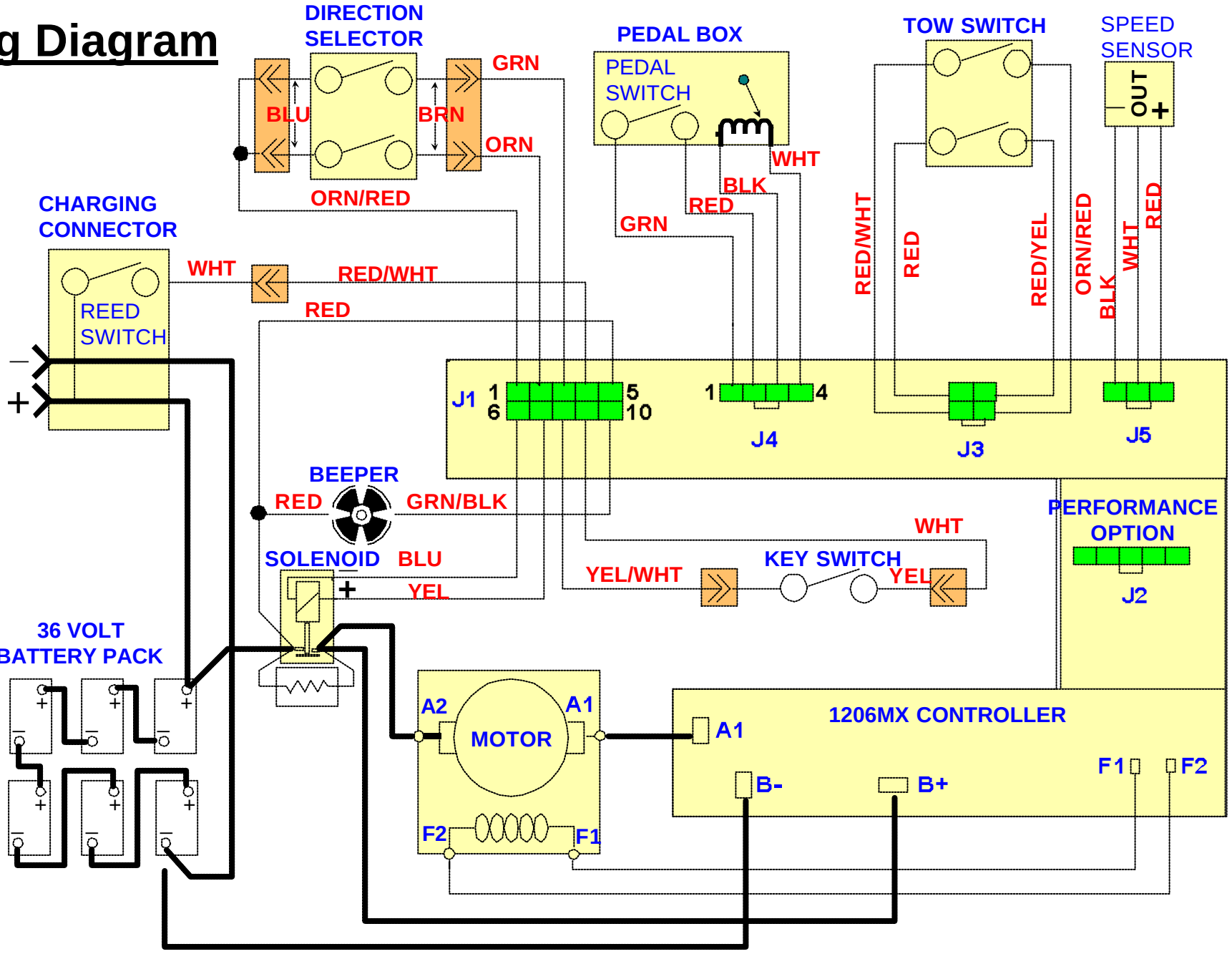
EZGO

a TEXTRON Company

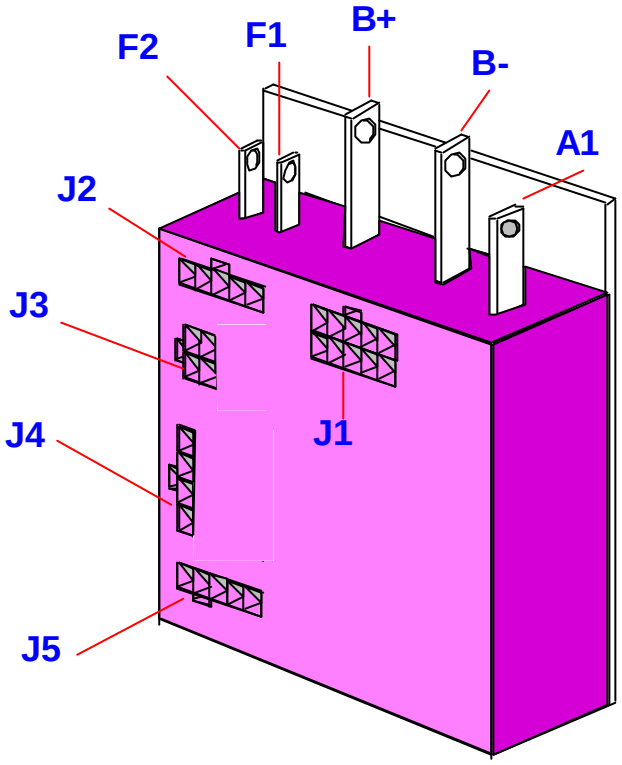
AN INTRODUCTION TO THE PDS SYSTEM



Wiring Diagram

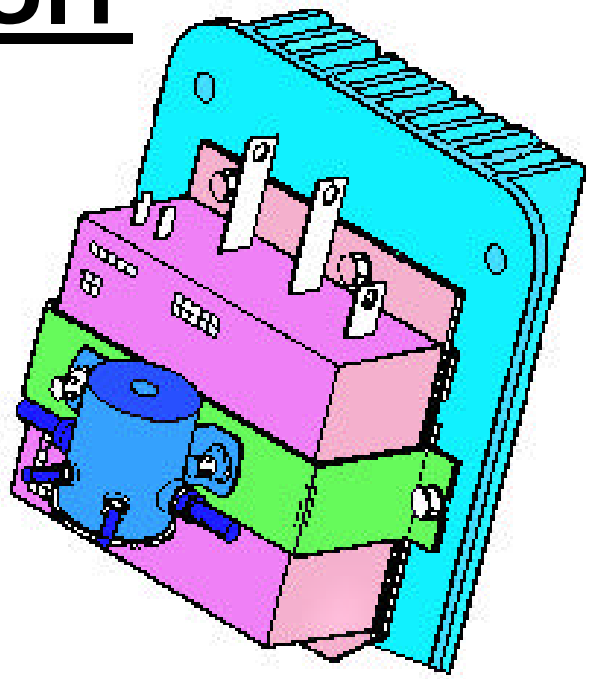


PDS CONTROLLER



Controller Part # 73326-G01

POWER CIRCUIT

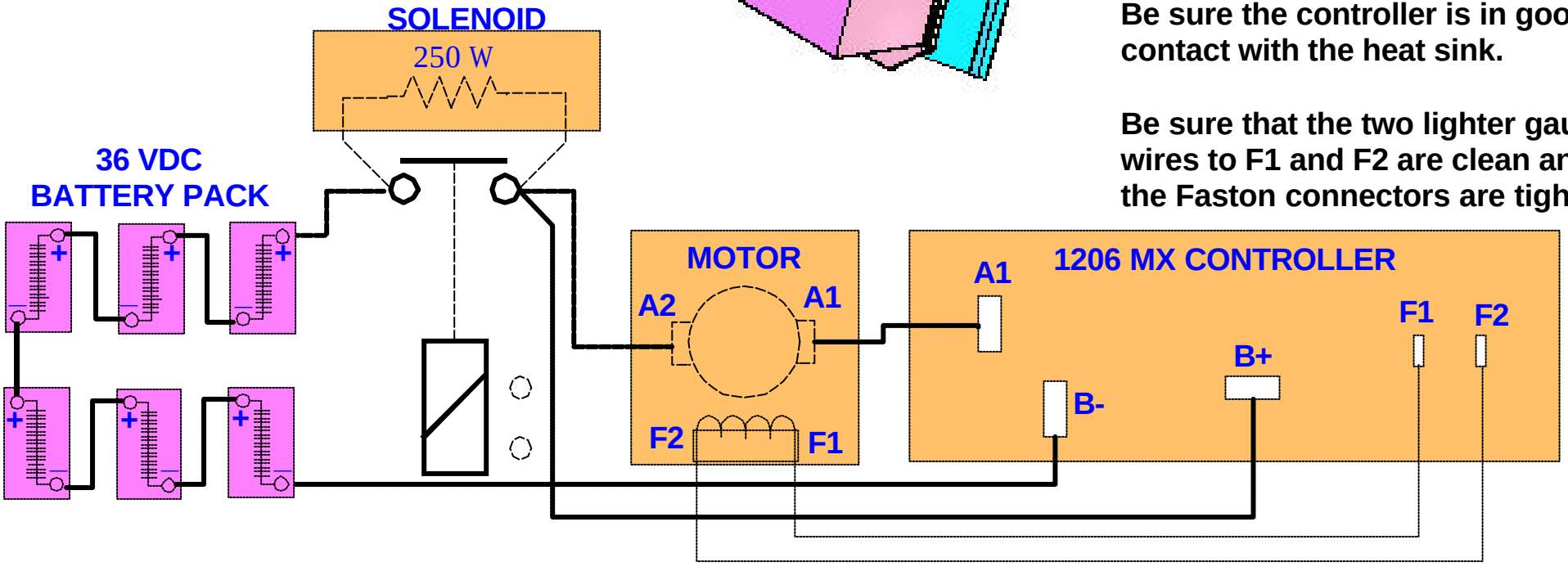


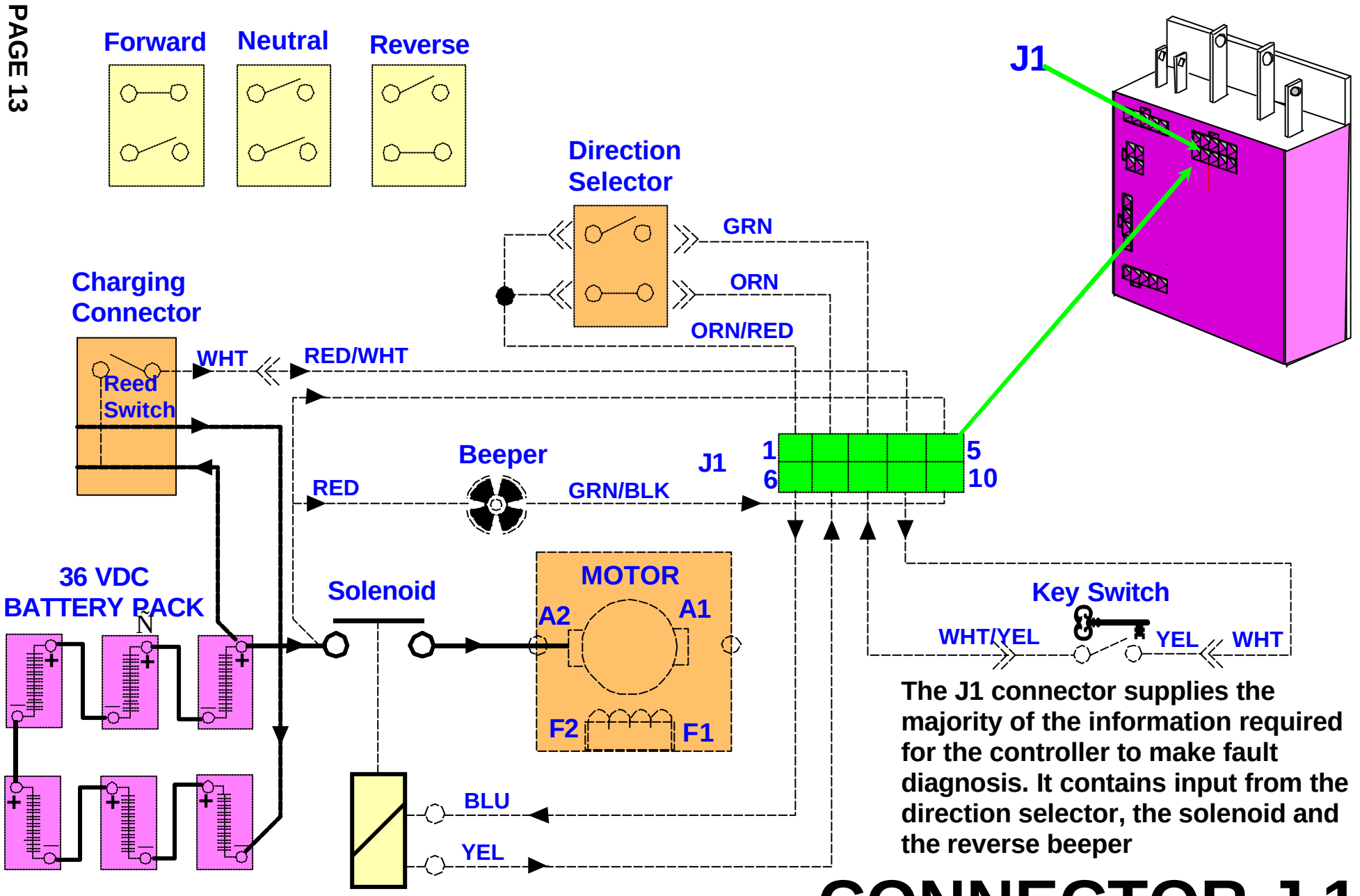
The Power Circuit is identified by heavy gauge wiring. The circuit conducts power from the batteries though the controller to the motor.

Be sure that all connectors are clean and tight. Loose connections will result in over heating.

Be sure the controller is in good contact with the heat sink.

Be sure that the two lighter gauge wires to F1 and F2 are clean and the Faston connectors are tight.

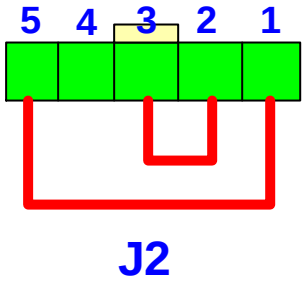


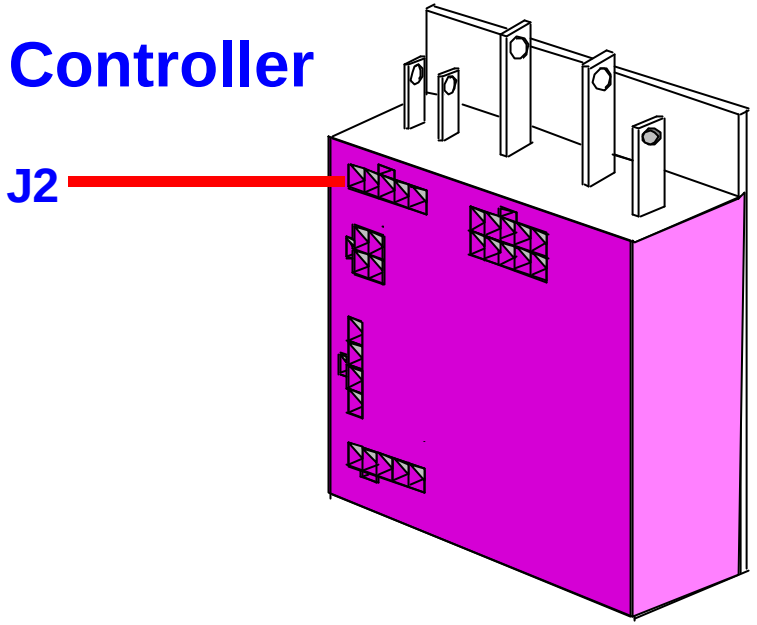


The J1 connector supplies the majority of the information required for the controller to make fault diagnosis. It contains input from the direction selector, the solenoid and the reverse beeper

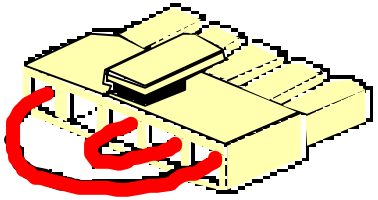
CONNECTOR J 1

The J2 connector provides performance options



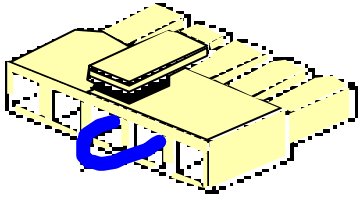


FREEDOM
73272-G01



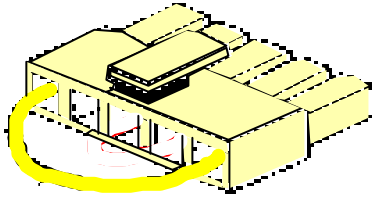
BEEP
BEEP
BEEP
BEEP

STEEP HILL
73273-G02



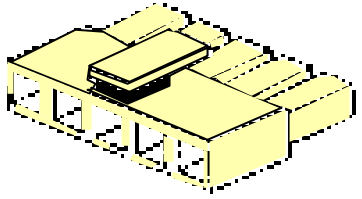
BEEP
BEEP

MILD HILL
73272-G03



BEEP
BEEP
BEEP

ALL TERRAIN
73272-G04

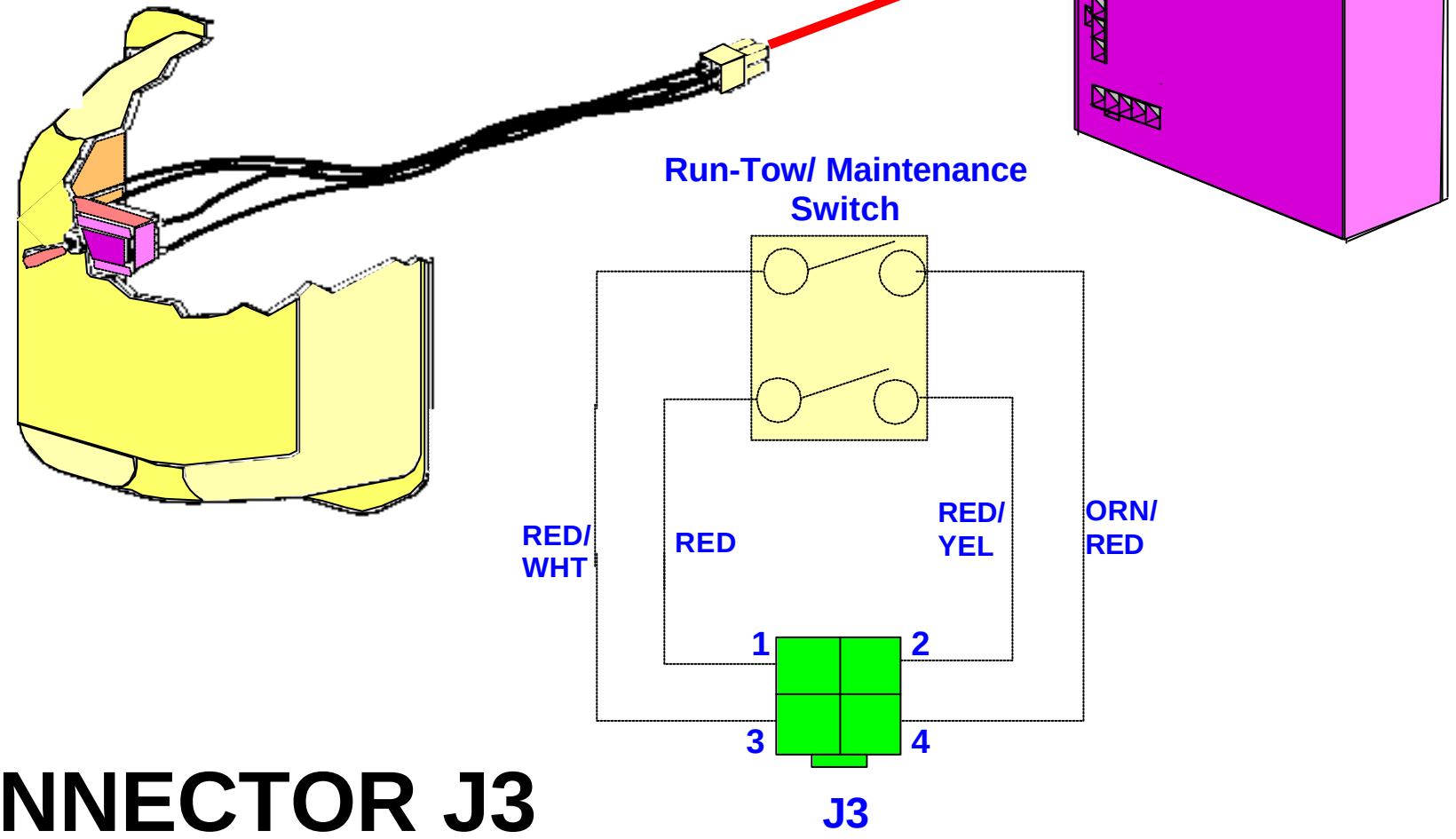


BEEP

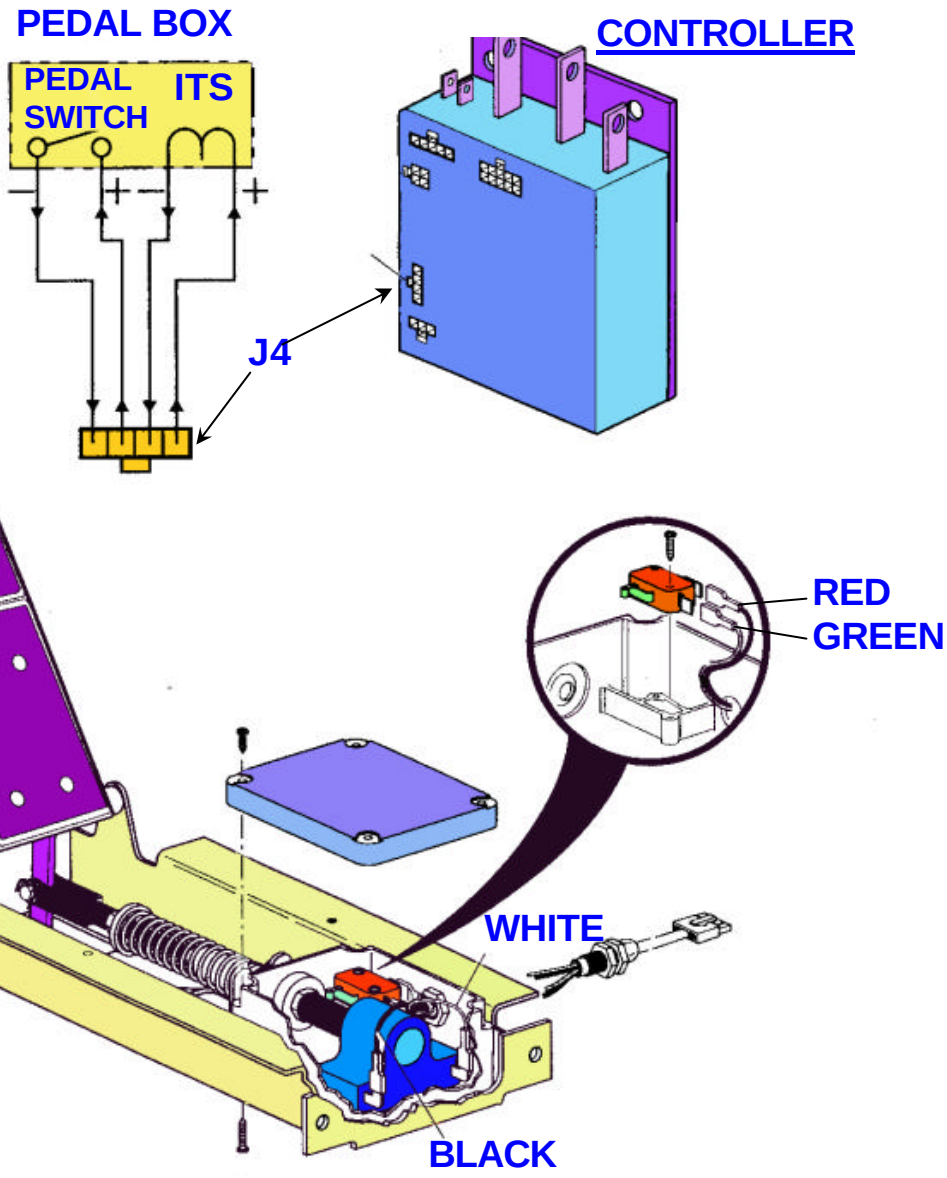
CONNECTOR J2

CONNECTOR J3

The J3 Connector receives the Run- Tow / Maintenance switch position and controls the logic supply to the controller

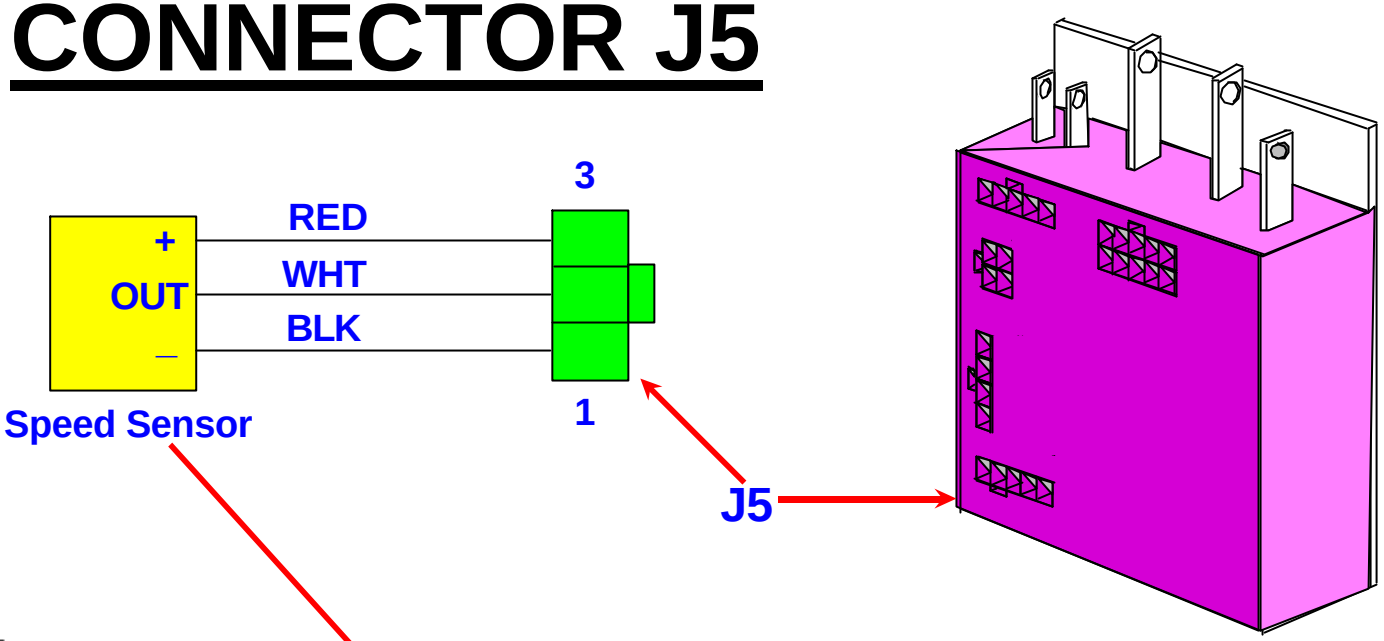


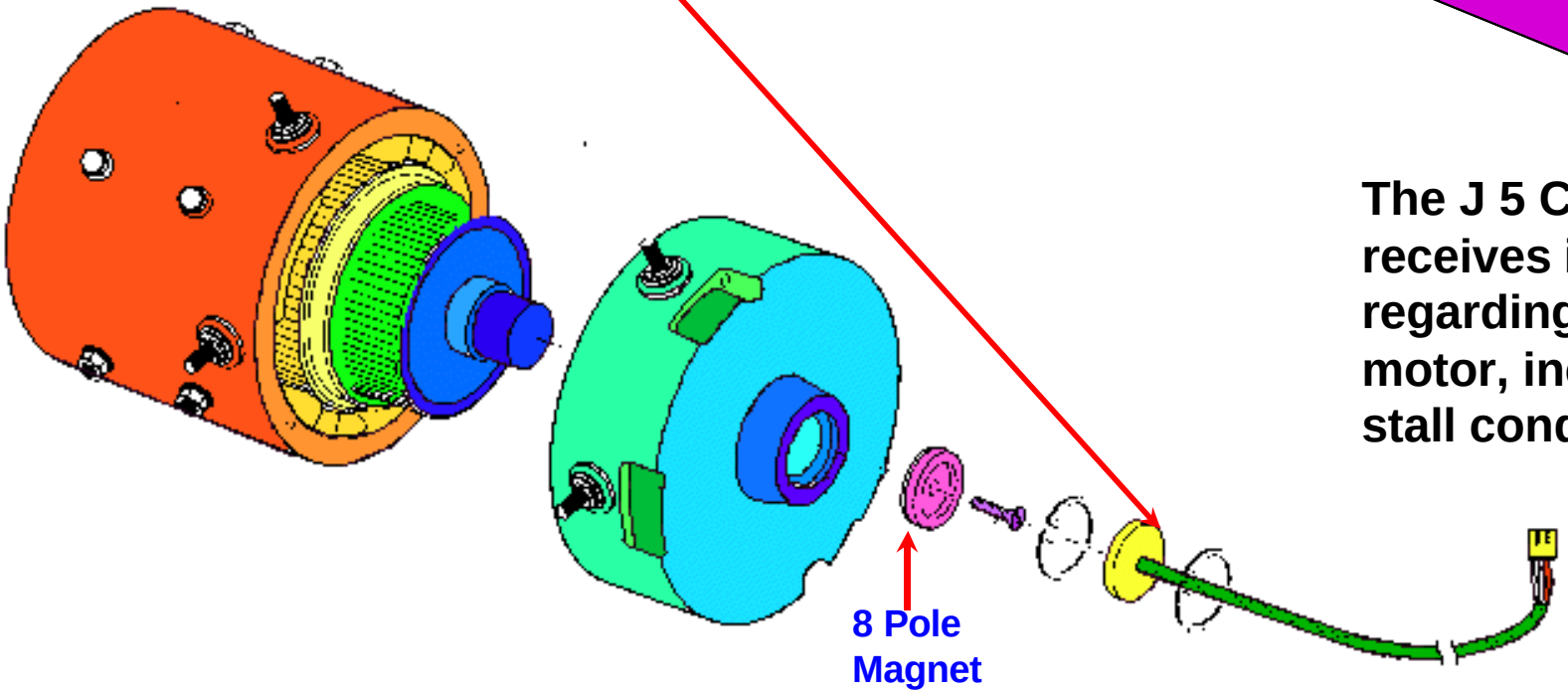
The J4 connector receives information from the pedal box, including the micro switch and the inductive throttle sensor



CONNECTOR J4

CONNECTOR J5





The J 5 Connector receives information regarding the traction motor, including RPM and stall condition

N S N S N S N S = 1Revolution of the Armature