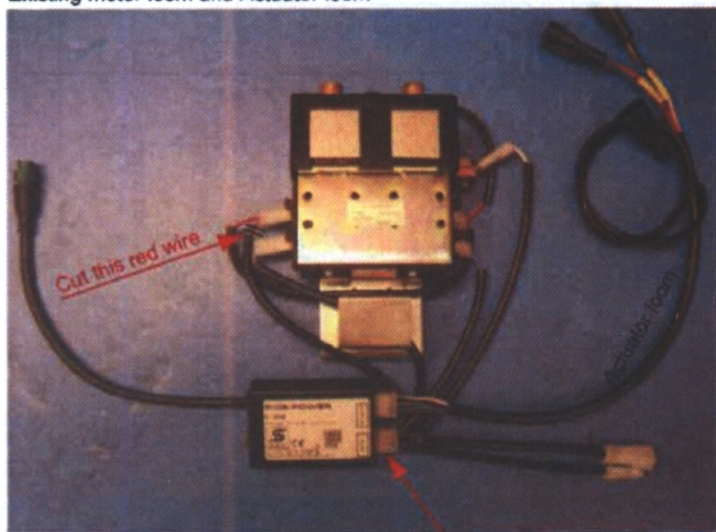


Existing motor loom and Actuator loom

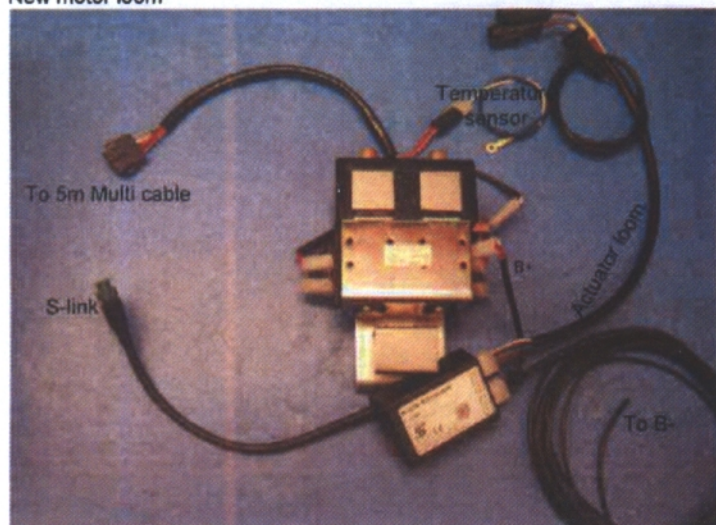


Remove this connector and its wires



Temperature sensor
(Picture from a random motor)

New motor loom



When installing a retract thruster with speed control (PPC800), do not try to run the thruster until you have completed the entire setup procedure correctly ! See manual for PJC212 v1.1 or newer.
This is to prevent damage to the thruster while the retract mechanism is not fully opened.

1. Removal of existing motor loom.

We require part of the existing loom as part of the modification. Cut the red wire (as shown in the illustration) so the connections to the 2 positive motor solenoid coil splay terminals and main positive terminal remains.

On removal of the existing motorloom, there are two wires protruding the motor. These become redundant when modifying to a proportional system. Ensure that they are isolated from the motor housing or other electrical components.

2. Installing the new motor loom.

When installing the temperature sensor to the motor brush holder, care must be taken to avoid contact with the motor housing

Connect grey, white and blue wires to the motor solenoid coils in the same position as the previous loom.

New motor wiring diagram.

