

# ***DCCDPro.com*** - Manual Controller Installation Manual

Thank you for your purchase!

## **Installation:**

Installation is recommended to be performed by a licensed auto mechanic.

“Red” = 12v positive (**switched power**) \*Do not connect to “always on” power

“Green” = 0v (Body Ground)

“Black” = DCCD “pin 1 on 6 pin connector” - Normally Black Wire to STi DCCD

“White” = DCCD “pin 4 on 6 pin connector” – Normaly Green Wire to STi DCCD

“Brown” = E-brake (Hand-Brake/Emergency Brake) wire out of switch assembly (ground this to go to fully open)

The suggested location for installation of the control module is behind the dashboard in the knee crash pad area. There is a large open area behind the sheet metal.

Switched power and ground are also available nearby at the fuse panel.

Use Multimeter to find switched 12V+ and Body Ground.

.It is recommended to have at least a 10 amp fused circuit powering the module.

You extend the two DCCD wires (Black/White 16 AWG) to the top passenger side of the center diff tailpiece where you can solder/crimp in the two wires you need on the 6 pin connector (Normally Black and Green pair).

To be sure you have the correct wires use a multimeter and read ressitance between the black/green pair before attaching to controller. It should read **1.5-2.5 Ohms**.

Keep everything sealed up after soldering/Crimping the wires at the DCCD plug since they are exposed under the vehicle.

The ebrake cutout installation is simply to attach the brown wire to your ebrake/Hand-Brake circuit (Switch under center console) such that the ebrake will ground the wire when pulled.

Remember to release the hand-brake when testing the unit.

## Operational Details:

To increase the locking force of your center diff, turn the knob clockwise. To decrease the locking force, turn the knob counter-clockwise. The manual controller will need to be turned down upon entering a slow speed turning situation or you will experience feedback from the drive-train into the steering wheel and a great amount of drag on the vehicle possibly even stalling your forward movement. If connected, the ebrake wire will stop the signal to the diff when the ebrake is pulled.