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 negative (ground)
"Black" = DCCD "B128 pin 1" (See attached Subaru DCCD Schematic)
"White" = DCCD "B128 pin 4" (See attached Subaru DCCD Schematic)
"Brown" = Ebrake cutout wire (ground this to open the diff)

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 there.

Switched power and ground are also available nearby at the fuse panel to tap into. Due to the differences in swap vehicle wiring you will have to source these wires yourself with a multi-meter. It is recommended to have at least a 10 amp fused circuit powering the DCCD.

It is suggested to run an extension if needed for the two DCCD wires to the top passenger side of the center diff tailpiece where you can solder in the two wires you need on the B128 DCCD connector. (See Subaru Schematics attached.) Use liquid electrical tape or silicone caulking to keep everything sealed up after soldering 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 circuit such that the ebrake will ground the wire when pulled. It is advisable to disconnect the wire coming from the car so that there will be no interference from the ebrake indicator system. Alternatively you could place a small signal diode (ie. 1N4148) on each wire with the stripe towards ground so that the dccd and ebrake indicators circuits are isolated from each other but the ebrake can still ground both circuits when needed.

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 cutout wire will stop the signal to the diff when the ebrake is pulled.

Warning:

For Off-road use only

Installation of the controller indicates your acceptance of responsibility for risk and peril to yourself and / or your vehicle.

Use at your own risk.

If you disagree with the above statements please return the uninstalled product for full refund.

Limited warranty

The 90 day warranty is limited to the repair, replacement or refund of the purchase price to be determined upon receipt and analysis of returned product. Shipping and handling, installation and removal fees and/or damage to the vehicle will not be covered under any circumstances.