

CRUISE CONTROL

CONNECTION INSTRUCTIONS

These instructions apply to DMAX SWAP LB7, LLY and LBZ standalone harnesses and cruise control pigtails will be provided by default.

Cruise Set/Coast Signal (Dark Blue) - This is a momentary switch signal which sends 12v+ down this wire. Momentary meaning, it only sends 12v+ when the switch is pressed, when you release the switch, it should turn off. Pressing this switch quickly will set the current speed and it will be maintained. Holding it on will let vehicle coast, when you release, that will be the new set speed to be maintained. After set, each quick press of the switch will lower set speed 1 mph.

Cruise On Signal (Gray) - This is simply an on / off switch that enables or disables the cruise function. This needs to be switched 12v+ to this wire.

Cruise Resume/Accel Signal (Gray/Blk) - This is a momentary switch signal which sends 12v+ down this wire. Momentary meaning, it only sends 12v+ when the switch is pressed, when you release the switch, it should turn off. This switch ONLY functions after you have previously pressed the SET/COAST switch. Resume will resume vehicle speed after hitting the brakes. Holding this switch will make vehicle accelerate until you release it. Each quick press of the switch will increase set speed 1 mph.

CHMSL Stop Lamp Supply Voltage (Light Blue) - This wire should be hooked to the same wire that feeds your brake lights 12v+ when you press on the brake pedal. The module checks this circuit by monitoring lamp bulb resistance to ground. So cruise will not function if you try to use LED bulbs, or a simple on/off switch for this signal. **THIS IS NOT THE SAME WIRE AS TCC BRAKE SWITCH THAT THE PCM USES TO UNLOCK TORQUE CONVERTER.**

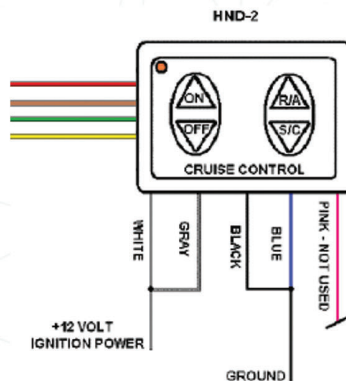
TCC (Purple) - After those are wired, you also MUST have the TCC brake switch signal to the PCM. **If this signal is not received by the PCM, cruise will not function.** TCC Brake Switch Signal is 12v+ when brakes are NOT pressed, and the switch OPENS when you hit the brakes.

If all of these are wired correctly and cruise is not functioning, then you will need to address an incorrect or poor VSS signal and/or programming issues in the ECM.

For a wide selection of cruise control switches, Google "Rostra Cruise Control Switch" or go to: <https://dmaxswap.com/cruiseswitches>

ROSTRA HND-2 WIRING

- Brown wire - On/Off output
- Green wire - Set/Coast output (momentary)
- Yellow wire - Resume/Accelerate output (momentary)
- Red wire - 12v ignition power
- Gray wire - 12v ignition power (Backlight)
- White wire - 12v ignition power
- Blue wire - Ground or Rheostat (Backlight Dimmer)
- Black wire - Ground
- Pink wire - Not Used (Engaged Light)



Without Engaged Light
250-3593

With Engaged Light
250-3592