



BT DIESEL WORKS



GM Body Control Module tuning



- 1: Requires modified ECM tune for full 40 min. With stock ECM tune, RVS will only run for 21 min on 1st cycle and 11 min on 2nd cycle
- 2: Requires modified ECM tune for >2 cycles. With stock ECM tune, RVS is limited to 2 cycles
- 3: LTZ/SLT/Denali trucks only
- 4: 2007.5 LMM and 2011-2014 LML may or may not also need ECM tune update to enable high idle. Gas high idle not avail.

Vehicle coverage list:

2007.5-2014 Silverado/Sierra HD gas/diesel

2007.5-2013 Silverado/Sierra half ton

2007-2014 Tahoe/Suburban/Yukon/Escalade

2008-2009 Chevrolet Equinox

2008-2018 Express/Savanna van

2007-2016 GMC Acadia

2007-2016 Chevrolet Traverse

2006-2013 Chevrolet Impala

2006-2011 Cadillac DTS

2008-2013 Cadillac CTS

2008-2009 Cadillac SRX

2008-2009 Pontiac G8

feel free to ask about support for other GM car/truck/SUV's

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BCM tuning features and capabilities

(most features listed below are not “mandatory”, if there are some features you do NOT want, or otherwise want adjusted differently, feel free to ask!)

- Extend remote start time up to 40 minutes¹
- Extend remote start cycles up to 250 cycles²
- One-tap-lane-change turn signals, set to 5-flashes (factory is only 3)
- Fog lights allowed with high beam headlights (fog indicator still works just like factory!)
- Set approach lighting to fog lights (exterior lights that come on at night when you hit unlock on the remote, factory is set to low beams). Can also optionally be set to be front turn signals, or high beams.
- Set exit lighting to fog lights (exterior lights that remain on for 30 seconds after shutting vehicle off at night, factory is set to low beams). Can also optionally be set to be front turn signals, or high beams.
- Limit door chime to 30-seconds (great for working on your truck with the door open!)
- Eliminate “hyper-flash” when LED turn signals are installed (no need for resistors!)
- Set daytime running lights to be the front turn signals³ (factory is set to be headlights, great for trucks with HID/LED headlights, as the factory headlight-DRL configuration can damage those types of bulbs)
- Extended/enhanced Retained Accessory Power (this feature keeps windows and sunroof on/enabled for several minutes after removing key/opening door and exiting vehicle. Also enables power to windows/sunroof when ‘unlock’ is pressed on the remote. Great if you need to run out to your truck only to put the windows up/down, just hit unlock on the remote, open the door, and put the windows up/down...no need to reach way in, fumble with the key, and turn the ignition on)
- Canadian trucks: reprogram lighting to USA-spec (allow headlights to be manually controlled; factory Canadian trucks it is impossible to shut off headlights at night)
- Allow dash lighting to be dimmed all the way off (factory only allows dimming down to a certain level)
- Modified cargo light control (factory has cargo/bed light only controlled by the dome light on switch, which can be annoying at night). BCM programming allows cargo light to be controlled separately by manual headlight switch, OR another external switch if desired.

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- Allow cargo light to be turned on while driving (factory only allows cargo light on in park)
- Enable manual fast-idle⁴ (allows the driver to manually set the engine to high idle at any time using the cruise control buttons)
- Optional auto door lock disable
- Optional disable daytime running lights
- Optional disable auto headlights
- Optional set daytime “flash-to-pass” as fog lights instead of high beams (saves HID’s from being rapidly flashed on/off)
- Optional add 6-second delay for auto headlights at night (saves HID’s from flashing on-off-on at startup)
- Optional add rain-sense auto wipers (requires installing rain sensor and running several wires)
- Optional door chime disable (or change door chime to a different sound)
- Optional cruise control retrofit (add cruise control to work trucks)
- Optional add “cornering lights”. (if you install extra side-facing lights, these can be automatically controlled by the BCM based on steering angle and/or turn signal lever! Additional wiring required)
- Optional manually-activated night time exit lighting (instead of fog lights turning on for 30-seconds automatically any time you shut the truck off at night, the exit lighting can be changed to manual activation via the flash-to-pass switch. If you want the exit lighting to be activated, simply blip the flash-to-pass/high beam switch, and the exit lighting/fog lights will come on for 30 seconds, otherwise the truck will not turn on any exterior lights when shut off at night...great for camping, hunting, or anytime you do not want the 30-second exit lighting at night!
- Optional speed limiter (great for valet/kids)
- Optional enable rear light flasher feature activated by headlight switch, dome-override switch, or external switch (rapidly flashes/strobes the rear turn signals and reverse lights in an alternating pattern when activated. Great for snowplow, fire, EMS trucks!)

*****BCM calibration adjustments and re-tunes are always free!!!*****

*****Future/additional new features are always free upgrade! Never be stuck with outdated tuning!*****

****Additonal custom lighting, door lock, windshield wiper, remote, etc features available upon request!****

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