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Current Language: English Last Modified: 6/25/2025
Other Languages: NONE Author: Matthew Carrigan
Viewed: 6841

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Coding Information

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Title: International® CV™ Parameter Reconfiguration Programming Process

Applies To: International CV

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

04/29/2019 - Parameter ranges are set by General Motors. No expansion to the current ranges are being considered.

12/19/2019 - Axle ratio available in Service Portal. Option Codes are set by General Motors.

02/12/2020 - Max speeds for axle ratios available in CT-400 Sales Data book. .

05/29/2020 - Programming the speed limit change only requires programming the ECM and BCM as indicated in the Note.

06/25/2025- Added 3.73 gear and 85 MPH for 2024 model year only

DESCRIPTION

On the International® CV™ there are 3 parameters that require a calibration change in order to change the parameter settings.

To start this process, you need to submit an iKnow case file for the VIN with the Vehicle Programming group.
In the case file please list the parameter(s) name and the desired setting you would like it changed to.

NOTE: There is a \$140 fee for each parameter change , which will be charged to the dealership's open account at the end of each month. If the parameter changes need to be made again later, you will be charged again so please ensure the parameter changes you request are accurate.

Parameter and Available Settings

Speed Limiting

OPT CODE VND NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 50 MPH (SEO)

OPT CODE 9D4 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 55 MPH (SEO)

OPT CODE LVA NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 60 MPH (SEO)

OPT CODE 9C2 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 65 MPH (SEO)

OPT CODE 9B9 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 70 MPH (SEO)

OPT CODE 9D7 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 75 MPH (SEO)

OPT CODE 9D6 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 79 MPH (SEO)

OPT CODE KY8 NAME GOVERNOR VEHICLE TOP SPEED LIMIT - 85MPH (SEO) (MY24 only w/3.73 gear)

NOTE: This change requires ECM and BCM calibration changes so there will be calibration files for both in SPS that will be available in SPS for programming after setup.

Axle Ratios

OPT CODE 013 NAME RATIO 3.73 (MY24 only)

OPT CODE 066 NAME RATIO 4.10 (4 1/10)

OPT CODE 092 NAME RATIO 4.30

OPT CODE 005 NAME RATIO 4.56 (4 5/9)

OPT CODE 008 NAME RATIO 4.88

NOTE: This change requires an ECM calibration change and the calibration file will be available in SPS for programming after setup.

Backup Alarm

OPT CODE SFW NAME CALIBRATION BACK UP ELECTRICAL ALARM (SEO) - Turns off reversing lamps on vehicle with the backup alarm during the lead me to car and follow me home events (otherwise backup alarm will activate during those events)

NOTE: This change requires a BCM calibration change and the calibration file will be available in SPS for programming after setup.

Custom Configurations

- Backup Camera (Programming and Parts List Only)
- Remote Start (Programming and Parts List Only)
- Trailer Brake (Programming and Parts List Only)
- Dual Alternator (Programming and Parts List Only)
- Dual fuel tank to single fuel tank (Programming and Parts List Only)
- Single fuel tank to dual fuel tank (Programming and Parts List Only)

NOTE: In some situations International reps will need to contact GM to get programming set up. Please consider the time it takes to do this step in the time communicated to customer.

OTHER RESOURCES

[Master Service Information Site](#)

[RC2600001 - Vehicle Programming Resource Center](#)



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