

All INCAL DVD-ROMs are available for download at <https://www.cummins.com/support/digital-products-and-services-support/incal-support>

Enclosed are the April 2024 INCAL DVD-ROMs.

Please take a moment to review the information in this cover letter for details regarding the contents of the INCAL DVD-ROMs.

Changes in Calibrations

New engine control module (ECM) calibration codes have been released using industry standard encryption for all electronically controlled engine products. These ECM calibration codes are only supported in Cummins INSITE™ electronic service tool version 8.8.0 and newer. If users do not upgrade, users will not be able to use any calibrations on these INCAL DVDs, downloaded through QuickServe Online (QSOL), or INSITE ECM/PDD Code Search. INSITE 8.8.0 is compatible with any INCAL DVDs created after March 2022.

What is INCAL?

The first DVD contains calibrations for Automotive applications, Programmable Datalink devices, and additional files. The second, third, fourth, and fifth DVDs contains calibrations for Automotive applications. The six and seventh DVDs contains calibrations for Industrial applications. The eighth DVD contains calibrations for HHP/Power Gen applications. For the INCAL DVD details, please see the listings below.

Additional Files:

Cummins ED-4 Display- used for the Marine C Command Connect and Connect Premier Panel System

April 2024 INCAL DVD-ROMs Content:

DVD 1 – Automotive Engines

Agility Fuel Delivery System CM1881 AFS101	B4.5 CM2220 B190B	B6.2 CM2670 B156B	B6.7 CM2450 B155B
B4.0 CM2620 B154B	B4.5 CM2620 B158B	B6.7 CM2350 B121B/B141B/B179B	B6.7 CM2450 B181B
B4.5 CM2220 B186B	B5.6 CM2670 B187B		

DVD 1 – PDD

Aftertreatment Diesel Exhaust Fluid Controller	Electric Fuel Lift Pump	Fuel Control Valve	Throttle Actuator
Aftertreatment Diesel Exhaust Fluid Dosing Unit	Engine Fuel Supply Pump	Ignition Control Module	Turbo Actuator Controller

DVD 1 – Additional Files

DVD 2 – Automotive Engines

B4.5 CM2350/CM2450 B129B/B147B/B214B/B215B	D6.7 CM2670 D102B/D106B/D107B	ISB5.9 CM2880 B127	ISC/ISL
B5.9G	ISB	ISB5.9 CM2880 B140	ISC/Transit Bus ISL8.3 – CM850
B6.7 CM2350/CM2450 B135B/B148B/B216B/B217B	ISB – CM2150	ISB5.9 CM2880 B149	ISC8.3 CM2250

B6.7 CM2670 B153B	ISB Daimler Chrysler	ISB5.9 CM2880 B172	ISD4.5 NSV/ISB5.9 NS4/ISDe6.7 NS4 CM2880 WFLD
B6.7 CM2670 B163B	ISB/ISD4.5 CM2150 B119 ISB/ISD6.7 CM2150 B120	ISB5.9 G/ISC8.3 G CM2180/CM2380 C101	ISD5 CM2620 EUVI
B6.7 CM2670 B167B/B168B/B169B	ISB/ISD6.7 CM2880 B126	ISB6.2 CM2670 E	ISD6.7 CM2880 D101
B6.7 CM2670 B173B	ISB3.9 CM2220 B107	ISB6.7 CM2250	ISDe - CM2150
B6.7 CM2670 B188B	ISB4.5 CM2350 B104	ISB6.7 CM2350 B101	ISG11 CM2880 G106/G108 ISG12 CM2880 G107/G109
B6.7N CM2380 B150B	ISB4.5 CM2620 E	ISB6.7 CM2350 B103/B142	ISL8.9 CM2880 L112
BES CM2450 EV101B	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN	ISB6.7 G CM2180/CM2380 B118	L9N CM2380 L124B/L130B/L142B/L147B
BES CM2450 EV105B/EV107B/EV110B	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN (Euro 4.5)	ISB6.7 ISD6.7 CM2150	B6.7 G CMOH6.0 B125
BES CM2450 EV109B	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN (Euro 5)	ISB-CM850	ISG12 G CMOH6.0 G111
C Gas/B Gas Plus	ISB5.6 CM2670 B152B	ISBe (4 and 6 Cylinder)	L8.9G CMOH2.0 L125B
C8.3G	ISB5.9 CM2150 B111	ISBe2/3 - CM850	
D4.0 CM2620 D103B	ISB5.9 CM2880	ISBe4 (4 and 6 cylinder)	
D4.5 CM2620 D104B	ISB5.9 CM2880 B110	ISC - CM2150	

DVD 3 – Automotive Engines

A10 CM2670 L157B	ISF2.8 CM2220 F121	ISF3.8 CM2350 F120	ISL 8.9 CM2350 L111
F2.5 CM2620 F150B	ISF2.8 CM2220 F122	ISF3.8 CM2620 A	ISL9.5 CM2150 SN
F2.8 CM2620 F135B	ISF2.8 CM2220 F126	ISF3.8/ISD4.5 CM2220 F103/D108/F115	ISL9.5 NS5 2880E IAT
F2.8 CM2620 F136B	ISF2.8 CM2220 IAN	ISL - CM2150	ISLe - CM2150
F3.8 CM2350 F132B	ISF2.8/3.8 CM2220	ISL G - CM2180/CM2380	ISLe4 (6 cylinder)
F3.8 CM2620 F137B/F138B	ISF2.8/3.8 CM2220 AN	ISL8.9 - CM850	ISX12/15 CM2350 X101/X102
F3.8 CM2620 F144B	ISF2.8/3.8 CM2220 IAN/F122	ISL8.9 CM2150 SN (Euro 5)	L Gas Plus
F4.5 CM2620 F139B/F140B	ISF2.8/4.5 CM2220 F123/F129	ISL8.9 CM2670 E	L10G
F4.5 CM2620 F146B	ISF3.8 CM2220 AN	ISL8.9/ISL9.5 CM2880 L138/L140	L9 CM2350 L116B
ISF2.8 CM2220 AN	ISF3.8 CM2220 F110/F116	ISL9 CM2150 SN	L9 CM2350/CM2450 L119B/L169B
ISF2.8 CM2220 EC/ECF2/ECCF2	ISF3.8 CM2220 F134B	ISL9 CM2150 SN (Euro 4.5)	M10 CM2670 L156B
ISF2.8 CM2220 F101	ISF3.8 CM2220 IAN	ISL9 CM2250	M10 CM2670 L158B
ISF2.8 CM2220 F117	ISF3.8 CM2350 F109	ISL9 CM2350 L101/L123B	Z10 CM2670 L159B

DVD 4 – Automotive Engines

15N CM2380 M104B/M105B	ISM11 CM876 M103	ISX15 CM2250 SN	M15 CM2670 M107B/M108B/M109B
A12/X12 CM2670 X148B	ISM11 CM876 SN	ISZ13 CM2150 Z105	N14 CM876 N108B
A13/X13 CM2670 X149B	ISM-Fuel Control Module - CM570	ISZ13 CM2150 Z106B	R2.8 CM2220 R101B
Celect	ISV5 CM3230 V104	ISZ13 NSV 2880E IAT	Signature/ISX
Celect Plus	ISX - CM871	L9 CM2450 L126B/L127B	Signature/ISX - CM870
ISM	ISX/ISZ13 CM2150 SN	L9 CM2670 L128B	X11 CM2670 X126B
ISM - CM870	ISX11.9/12/15 CM2250	L9 CM2670 L132B	X12 CM2450 X137B
ISM - CM875	ISX12 G CM2180/CM2380 EJ	M15 CM2670 M106B	X15 CM2350 X129
ISM - CM876	ISX12N CM2380 X120B		

DVD 5 – Automotive Engines

M12/M13 CM2670 M115B	X12 CM2670 X136B	X15 CM2350/CM2450 X123B/X155B	Z12/Z13 CM2670 M117B
M12/M13 CM2670 M116B	X13 CM2670 X122B	X15 CM2450 X124B/X134B	Z14 CM2670 Z103B
X12 CM2350 X119B	X15 CM2350 X114B/X116B	X15 CM2450 X142B	Z15 CM2670 Z107B
X12 CM2670 X121B/X136B	X15 CM2350/CM2450 X123B/X154B	X15 CM2670 X145B	

DVD 6 – Industrial Engines

480C-E	QSB3.3 CM2250 EC/B137	QSB6.7-M CM2250	QSL9 CM2350 L102/L118/L122
Celect Plus Industrial	QSB3.9 CM2880 B138/QSB5.9 CM2880 B139	QSB7 CM2880 B117/QSL9.3 CM2880 L113	QSL9 CM850(CM2850)
CENSE	QSB4.5 CM2150 B108/QSB6.7 CM2150 B109	QSC8.3 CM2880 C102	QSM11
Centinel	QSB4.5 CM2350 B106/B122/B144	QSC8.3 CM850(CM2850)	QSN14 CM876 N103/N105
CENTRY	QSB5.9 CM2880 B115/QSB6.7 CM2880 B116	QSC8.3/QSL9	QSNT14 CM876 N102
Centry CM2940	QSB5.9/44, 5.9/30, 4.5/30, 3.9/30	QSF2.8 CM2880 F105/F114/F124/F131	QSX15
L9 CM2350 L120C/L133C	QSB6.7 CM2350 B105/B130/B145	QSF2.8/3.8 CM2880 F104/F108/F112	QSX15 CM2250 ECF/X115
L9 CM2670 L134C/L135C/L136C/L137 C/L168C	QSB6.7/QSL 9 CM2250	QSF3.8/F3.8 CM2350 F107/F118/F119/F125/F133C /F142C	VTA903 CM2250 V105
Next Generation Cense CM2330	QSB6.7/QSL 9 CM2250 Komatsu	QSG12/X12 CM2350 G110/G113/X144C	X15 CM2350 X125M/X131
PIM	QSB6.7/QSL8.9 CM2350 CSIV	QSL9 CM2250 L106	X15 CM2350 X130C/X140C
QSB3.3 - CM2150	QSB6.7 CM2350/QSL8.9 CM2350 T4F	QSL9 CM2250 L115	X15 CM2350 X132C

DVD 7 – Industrial Engines

B3.9 CM2620 B171C/B211C	F3.8 CM2350 F128C/F143C	M15 CM2670 M114C	X12 CM2670 X135C
B4.5 CM2350 B146C/B159C	F3.8 CM2350 F154C	QSB4.5 CM2250 EC/B131	X15 CM2350 X127C/QSX15 CM2350 X105/X106/X118
B4.5 CM2350 B160M/B161M	F4.5 CM2620 F141C	QSB4.5 CM2350 B174C	X15 CM2350 X139C
B5.9 CM2670 B166C/B212C	F4.5 CM2620 F152C	QSB4.5/6.7 CM850(CM2850) / QSB5.9 CM850	Z13 CM2880 Z104G
B6.7 CM2350 B136C/B157C	Komatsu StageV MR 6.7/8.9	QSB6.7 CM2250 EC/B128	Z14 CM2670 Z109C

B6.7 CM2350 B198C	L9 CM2350 L148C	QSB6.7 CM2350 B170C	
B6.7 CM2450 B177C	L9 CM2350 L151C	QSZ13 CM2150 Z101	
B6.7 CM2670 B164C/B165C/B213C	M14 CM2670 M111C/M15 CM2670 M112C	QSZ13 CM2150 Z102	

DVD 8 – HHP/PowerGen Engines

B3.9/B5.9/B6.7/L8.9 CM2880 B194G/B195G/B192G/B191G/ B146G	QSK19 CM2450 K155G	QSK50 CM2350 K163C - Primary	QSK95 CM2350 K113/K128M/K143C/K147C - Primary
B4.5 CM2670 B178G	QSK19 CM850/CM2150/CM2850 MCRS G/K139M	QSK50 CM2350 K163C - Secondary	QSK95 CM2350 K113/ K143C/K147C - Secondary
B6.7 CM2670 B175G	QSK19 CM850/CM2150/CM2850 MCRS G/K139M	QSK50/60 CM2350 K108/K116/K117/K121/K130/K13 3/K135/K136 - Primary	QSK95 Tier2 Marine CM2350 – Primary
Gas Cense - QSK19G/45G/60G, QSV81/91 - CM850	QSK19/23 CM2350 K105/K114/K115/K127	QSK50/60 CM2350 K108/K116/K121/K133/K135/K13 6 – Secondary	QSK95 Tier2 Marine CM2350 - Secondary
Gas Compression GTA, KTA	QSK19/K19 CM2350 K144G/K164G	QSK50/60 CM850/CM2150/CM2850 MCRS G/K140M - Primary	QSL9 CM2350 L107
HSK78G CM2358 K129G - Primary	QSK23/60/78 CM500/CM2250 K104/K109/K112/K157G/ K159G/K160G	QSK50/60 CM850/CM2150/CM2850 MCRS G/K140M - Secondary	QSL9 CM2670 L145G
HSK78G CM2358 K129G - Secondary	QSK38 CM2350 K125/K138M - Primary	QSK50/60 CM850/CM2150/CM2850 MCRS/K132M/K140M - Primary	QSL9 CM850(CM2850)
M15 CM2670 M113G	QSK38 CM2350 K125/K138M – Secondary	QSK50/60 CM850/CM2150/CM2850 MCRS/K132M/K140M - Secondary	QSM11 CM876 Power Gen/QSM11 CM876 M101/M102M
QSB4.5/6.7/7-DM CM850(CM2850)	QSK38 CM850/CM2150/CM2850 MCRS - Primary	QSK60 CM2350 K149M - Primary	QSM15 CM2670 M110G
QSB6.7 CM2350 B112	QSK38 CM850/CM2150/CM2850 MCRS - Secondary	QSK60 CM2350 K149M - Secondary	QST30
QSG12 CM2880 G112	QSK38 CM850/CM2150/CM2850 MCRS G/K106M/K142M - Primary	QSK78 CM2350 K126/K137/K154C - Primary	QST30 - Power Gen
QSK 19/23/45/60/78	QSK38 CM850/CM2150/CM2850 MCRS M/K142M - Secondary	QSK78 CM2350 K126/K137/K154C - Secondary	QST30 CM2350 T101/T103C - Primary
QSK 19G/38G/60G, QSV81/91 - CM700/CM2358	QSK38/K38 CM2350 K145G/K165G - Primary	QSK78 CM2450 K161G - Primary	QST30 CM2350 T101/T103C - Secondary
QSK 19G/38G/60G, QSV81/91 - SSM558/CM2358	QSK38/K38 CM2350 K145G/K165G - Secondary	QSK78 CM2450 K161G - Secondary	QST30 CM850
QSK 23/60/78 CM500 K157G/ K159G/K160G	QSK50 CM2350 K146G - Primary	QSK95 CM2350 K111 - Primary	
QSK 23/60/78 CM500 Power Gen	QSK50 CM2350 K146G - Secondary	QSK95 CM2350 K111 - Secondary	

*The engine products in bold are new products released on the INCAL DVDs.

Have Comments?

We would like to know how well this information meets your needs. Please call Cummins Electronic Support Products at 1-800-CUMMINS (select option 2 and then option 3) with your comments.