

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

Enclosed are the October 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, fifth and sixth DVDs contains calibrations for Automotive applications. The seventh and eighth DVDs contains calibrations for Industrial applications. The ninth DVD contains calibrations for Industrial and 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

October 2024 INCAL DVD-ROMs Content:

DVD 1 – Automotive Engines

6.7N CM2380 D109B	B5.6 CM2670 B187B	B6.7 CM2670 B163B	C8.3G
A7 CM2670 B205B	B5.9G	B6.7 CM2670 B167B/B168B/B169B	D4.0 CM2620 D103B
Agility® Fuel Delivery System CM1881 AFS101	B6.2 CM2670 B156B	B6.7 CM2670 B173B	ISB/ISD4.5 CM2150 B119 ISB/ISD6.7 CM2150 B120
B4.0 CM2620 B154B	B6.2 CM2670 B202B	B6.7 CM2670 B188B	ISB5.9 G/ISC8.3G CM2180/CM2380 C101
B4.5 CM2220 B186B	B6.7 CM2350 B121B/B141B/B179B	B6.7N CM2380 B150B	ISB6.7 G CM2180/CM2380 B118
B4.5 CM2220 B190B	B6.7 CM2350/CM2450 B135B/B148B/B216B/B217B	BES CM2450 EV105B/EV107B/EV110B	
B4.5 CM2350/CM2450 B129B/B147B/B214B/B215B	B6.7 CM2450 B181B	BES CM2450 EV109B	
B4.5 CM2620 B158B	B6.7 CM2670 B153B	C Gas/B Gas Plus	

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

B6.7 CM2450 B155B	ISB4.5 CM2350 B104	ISB6.2 CM2670 E	ISD4.5 NSV/ISB5.9 NS4/ISDe6.7 NS4 CM2880 WFLD
D4.5 CM2620 D104B	ISB4.5 CM2620 E	ISB6.7 CM2250	ISD5 CM2620 EUVI
D6.7 CM2670 D102B/D106B/D107B	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN	ISB6.7 CM2350 B101	ISD6.7 CM2880 D101
D7.0 CM2670 B203B	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN (Euro 4.5)	ISB6.7 CM2350 B103/B142	ISD6.7 CM2880 D101
F2.8 CM2620 CONAMA P8	ISB4.5/6.7 ISD4.5/6.7 CM2150 SN (Euro 5)	ISB6.7 ISD6.7 CM2150	ISDE CM2150
F2.8 CM2620 F136B	ISB5.6 CM2670 B152B	ISB-CM850	ISF2.8 CM2220 AN
F3.8 CM2350 F132B	ISB5.9 CM2150 B111	ISBe (4 and 6 Cylinder)	ISF2.8 CM2220 EC/ECF2/ECCF2
F3.8 CM2620 F144B	ISB5.9 CM2880	ISBe2/3 - CM850	ISF2.8 CM2220 F101
ISB	ISB5.9 CM2880 B110	ISBe4 (4 and 6 cylinder)	ISF2.8 CM2220 F117
ISB - CM2150	ISB5.9 CM2880 B127	ISC - CM2150	ISF2.8 CM2220 F121
ISB Daimler Chrysler	ISB5.9 CM2880 B140	ISC/ISL	ISF2.8 CM2220 F122
ISB/ISD6.7 CM2880 B126	ISB5.9 CM2880 B149	ISC/Transit Bus ISL8.3 - CM850	ISF2.8 CM2220 F126
ISB3.9 CM2220 B107	ISB5.9 CM2880 B172	ISC8.3 CM2250	ISF2.8 CM2220 IAN

DVD 3 – Automotive Engines

A10 CM2670 L157B	ISF3.8 CM2220 F134B	ISL8.9/ISL9.5 CM2880 L138/L140	L8.9G CMOH2.0 L125B
B6.7 G CMOH6.0 B125	ISF3.8 CM2220 IAN	ISL9 CM2150 SN	L9 CM2350 L116B
F2.5 CM2620 F150B	ISF3.8 CM2350 F109	ISL9 CM2150 SN	L9 CM2350/CM2450 L119B/L169B
F2.8 CM2620 F135B	ISF3.8 CM2350 F120	ISL9 CM2250	L9 CM2670 L128B
F3.8 CM2620 F137B/F138B	ISF3.8 CM2620 A	ISL9 CM2350 L101/L123B	L9 CM2670 L132B
F4.5 CM2620 F139B/F140B	ISF3.8/ISD4.5 CM2220 F103/D108/F115	ISL9 CM2350 L111	L9N CM2380 L124B/L130B/L142B/L147B
F4.5 CM2620 F146B	ISG12 G CMOH6.0 G111	ISL9.5 CM2150 SN	M10 CM2670 L156B
ISF2.8/3.8 CM2220	ISL CM2150	ISL9.5 NS5 2880E IAT	M10 CM2670 L158B
ISF2.8/3.8 CM2220 AN	ISL G - CM2180/CM2380	ISLe - CM2150	M8.5 CM2670 L152B
ISF2.8/3.8 CM2220 IAN/F122	ISL8.9 - CM850	ISLe4 (6 cylinder)	M8.5 CM2670 L154B
ISF2.8/4.5 CM2220 F123/F129	ISL8.9 CM2150 SN (Euro 5)	ISV5 CM3230 V104	Z10 CM2670 L159B
ISF3.8 CM2220 AN	ISL8.9 CM2670 E	L Gas Plus	Z8.5 CM2670 L155B
ISF3.8 CM2220 F110/F116	ISL8.9 CM2880 L112	L10G	

DVD 4 – Automotive Engines

15N CM2380 M104B/M105B	ISM - CM870	ISX/ISZ13 CM2150 SN	M15 CM2670 M106B
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A12/X12 CM2670 X148B	ISM - CM875	ISX11.9/12/15 CM2250	M15 CM2670 M107B/M108B/M109B
A13/X13 CM2670 X149B	ISM CM876	ISX12 G CM2180/CM2380 EJ	N14 CM876 N108B
Celect	ISM11 CM876 M103	L9 CM2450 L126B/L127B	R2.8 CM2220 R101B
Celect Plus	ISM11 CM876 SN	M12/M13 CM2670 M115B	Signature/ISX
ISG11 CM2880 G106/G108 ISG12 CM2880 G107/G109	ISM-Fuel Control Module - CM570	M12/M13 CM2670 M116B	Signature/ISX - CM870
ISM	ISX - CM871	M12/M13 CM2880 M119B/M120B	

DVD 5 – Automotive Engines

ISX12/15 CM2350 X101/X102	X11 CM2670 X126B	X12 CM2450 X137B	X12 CM2670 X136B
ISX12N CM2380 X120B	X12 CM2350 X119B	X12 CM2670 X121B/X136B	X13 CM2670 X122B
ISX15 CM2250 SN			

DVD 6 – Automotive Engines

ISZ13 CM2150 Z105	X15 CM2350/CM2450 X123B/X154B	X15 CM2670 X145B	Z14 CM2670 Z103B
ISZ13 CM2150 Z106B	X15 CM2350/CM2450 X123B/X155B	X15D CM2670 M118B	Z15 CM2670 Z107B
ISZ13 NSV 2880E IAT	X15 CM2350/CM2450 X129B/X153B	X15N CM2380 X150B	
ISZ14 E5 CM2880H	X15 CM2450 X124B/X134B	Z12/Z13 CM2670 M117B	
X15 CM2350 X114B/X116B	X15 CM2450 X142B	Z14 CM2670 NSVI	

DVD 7 – Industrial Engines

480C-E	B6.7 CM2450 B177C	QSB4.5 CM2350 B106/B122/B144	QSB6.7/QSL 9 CM2250
B3.9 CM2620 B171C/B211C	B6.7 CM2670 B164C/B165C/B213C	QSB4.5 CM2350 B174C	QSB6.7/QSL 9 CM2250 Komatsu
B4.5 CM2350 B146C/B159C	QSB3.3 - CM2150	QSB4.5/6.7 CM850(CM2850) / QSB5.9 CM850	QSB6.7/QSL8.9 CM2350 CSIV
B4.5 CM2350 B160M/B161M	QSB3.3 CM2250 EC/B137	QSB5.9 CM2880 B115/QSB6.7 CM2880 B116	QSB6.7/QSL8.9 CM2350 T4F
B5.9 CM2670 B166C/B212C	QSB3.9 CM2880 B138/QSB5.9 CM2880 B139	QSB5.9/44, 5.9/30, 4.5/30, 3.9/30	QSC8.3/QSL9
B6.7 CM2350 B136C/B157C	QSB4.5 CM2150 B108/QSB6.7 CM2150 B109	QSB6.7 CM2250 EC/B128	
B6.7 CM2350 B198C	QSB4.5 CM2250 EC/B131	QSB6.7 CM2350 B170C	

DVD 8 – Industrial Engines

Celect Plus Industrial	L9 CM2350 L151C	QSF2.8 CM2880 F105/F114/F124/F131	QSZ13 CM2150 Z102
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CENSE	L9 CM2450 L164C/L165C	QSF2.8/3.8 CM2880 F104/F108/F112	VTA903 CM2250 V105
Centinel	L9 CM2450 L166C	QSF3.8/F3.8 CM2350 F107/F118/F119/F125/F133C/F142C	X12 CM2670 X135C
CENTRY	L9 CM2670 L134C/L135C/L136C/L137C/L168C	QSL9 CM2250 L106	X15 CM2350 X125M/X131
Centry CM2940	M14 CM2670 M111C/M15 CM2670 M112C	QSL9 CM2250 L115	X15 CM2350 X130C/X140C
F3.8 CM2350 F128C/F143C	M15 CM2670 M114C	QSL9 CM850(CM2850)	X15 CM2350 X132C
F3.8 CM2350 F154C	Next Generation Cense CM2330	QSM11	X15 CM2350 X139C
F4.5 CM2620 F141C	PIM	QSN14 CM876 N103/N105	Z13 CM2880 Z104G
F4.5 CM2620 F152C/F164C	QSB6.7-M CM2250	QSNT14 CM876 N102	Z14 CM2670 Z109C
Komatsu StageV MR 6.7/8.9	QSB7 CM2880 B117/QSL9.3 CM2880 L113	QSX15 CM2250 ECF/X115	
L9 CM2350 L120C/L129C/L133C	QSC8.3 CM2880 C102	QSX15 CM570 X147G	
L9 CM2350 L148C	QSC8.3 CM850(CM2850)	QSZ13 CM2150 Z101	

DVD 9 – Industrial Engines

QSB6.7 CM2350 B105/B130/B145	QSG12/X12 CM2350 G110/G113/X144C	QSL9 CM2350 L102/L118/L122	X15 CM2350 X127C/QSX15 CM2350 X105/X106/X118
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DVD 9 – HHP/PowerGen Engines

B3.9/B5.9/B6.7/L8.9 CM2880 B194G/195G/192G/191G/ L146G	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/K139M	QSK50/60 CM2350 K108/K116/K117/K121/K130/K133/K13 5/K136 - Primary	QSK95 CM2350 K143C - Primary
Gas Cense - QSK19G/45G/60G, QSV81/91 - CM850	QSK19/23 CM2350 K105/K114/K115/K127	QSK50/60 CM2350 K108/K116/K121/K133/K135/K136 - Secondary	QSK95 CM2350 K143C - Secondary
Gas Compression GTA, KTA	QSK19/K19 CM2350 K144G/K164G	QSK50/60 CM850/CM2150/CM2850 MCRS G/K140M - Primary	QSK95 Tier2 Marine CM2350 - Primary
HSK78G CM2358 K129G - Primary	QSK23/60/78 CM500/CM2250 K104/K109/K112/K157G/ K159G/K160G	QSK50/60 CM850/CM2150/CM2850 MCRS G/K140M - Secondary	QSK95 Tier2 Marine CM2350 - Secondary

HSK78G CM2358 K129G - Secondary	QSK38 CM2350 K125/K138M - Primary	QSK50/60 CM850/CM2150/CM2850 MCRS/K132M/K140M - Primary	QSL9 CM2350 L107
M15 CM2670 M113G	QSK38 CM2350 K125/K138M - Secondary	QSK50/60 CM850/CM2150/CM2850 MCRS/K132M/K140M - Secondary	QSL9 CM2670 L145G
QSB4.5/6.7/7-DM CM850(CM2850)	QSK38 CM850/CM2150/CM2850 MCRS - Primary	QSK60 CM2350 K149M - Primary	QSL9 CM850(CM2850)
QSB6.7 CM2350 B112	QSK38 CM850/CM2150/CM2850 MCRS - Secondary	QSK60 CM2350 K149M - Secondary	QSM11 CM876 Power Gen/QSM11 CM876 M101/M102M
QSG12 CM2880 G112	QSK38 CM850/CM2150/CM2850 MCRS G/K106M/K142M - Primary	QSK78 CM2350 K126/K137/K154C - Primary	QSM15 CM2670 M110G
QSK 19/23/45/60/78	QSK38 CM850/CM2150/CM2850 MCRS M/K142M - Secondary	QSK78 CM2350 K126/K137/K154C - Secondary	QST30
QSK 19G/38G/60G, QSV81/91 - CM700/CM2358	QSK38/K38 CM2350 K145G/K165G - Primary	QSK78 CM2450 K161G - Primary	QST30 - Power Gen
QSK 19G/38G/60G, QSV81/91 - SSM558/CM2358	QSK38/K38 CM2350 K145G/K165G - Secondary	QSK78 CM2450 K161G - Secondary	QST30 CM2350 T101/T103C - Primary
QSK 23/60/78 CM500 K157G/ K159G/K160G	QSK50 CM2350 K146G - Primary	QSK95 CM2350 K111 - Primary	QST30 CM2350 T101/T103C - Secondary
QSK 23/60/78 CM500 Power Gen	QSK50 CM2350 K146G - Secondary	QSK95 CM2350 K111 - Secondary	QST30 CM850

*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.