



• **Database 440 Release Date: 08/19/2024**

DLBFR_2024_3	440		Add features for H08 Cert builds to allow configuration to be built
16052VC	440	DLBFR_2024_3	Add 0597692 IP to 0597770 to allow features in configuration

Diamond Logic Builder Update to 15924 (Release Date: 7/23/2024)

- Add 0597054 to script for calibrating Trailer Lamps
- Update to Horizon Premium Cluster Flash Loader
- Horizon R1_2024 cluster software
- Horizon R2_2024 cluster software
- Block V26 => V25 Switch Pack downgrade
- EV cluster - R3 software release
- Compatibility check: ESC Kernel 745 and EV Cluster Kernel 05.09.08

• **Database 439 (Release Date: 8/9/2024)**

Release	Database	Parent	Description
97618M	439		BCM_R1p9_2024_EXT
15511VC	439	97618M	New Bus: PP update for the lift door flash indicator
15512VC	439	97618M	Release created to add Pp to control PTI features
15526VC	439	97618M	Initial Creation for Crossing gate update for MFSAB(Multi-Function School Activity Bus)
15548VC	439	97618M	Release created to update emergency exit feature codes to activate all the dome lights except driver dome lights should be off
15807VC	439	97618M	Release created to set Dome Light 3X flashing for Post Trip Inspection Disarm state.

• **Database 438 (Release Date: 8/08/2024)**

DLBFR_2024_2	438		To create new feature code for PP override similar to 0595AZJ
15998VC	438	DLBFR_2024_2	Open up 0597584 to 0597773 for electric bus

• **Database 437 (Release Date: 8/04/2024)**

97618L	437		FY 2024 BC Software R1P8
15765VC	437	97618L	Create new ePower feature(ePTO vs ePower change)
15874VC	437	97618L	Release for updating PWL Red Override for Momentary switch
9128VC	437	97618L	To create new feature code for PP override similar to 0595AZJ

• **Database 436 (Release Date: 7/25/2024)**

97314M	436		Cluster flashloader and Cluster release R2p2_2024
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• **Database 435 (Release Date: 7/25/2024)**

97618K	435		2024 R1p7 Parent Release
14764VC	435	97618K	Release created to add eMV IP 0597552 to Steering wheel DLB switches
14765VC	435	97618K	Release created to open cruise control on central panel 0597528 feature code for eMV
14916VC	435	97618K	Release created to open feature codes for eMV configuration.
15510VC	435	97618K	To create new IP for eMV Wing panel.

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DLB Change Log

- Database 434 (Release Date: 7/25/2024)

15516VC	434		OP 745 Update
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97618G	433		EV Cluster 5.09.08
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- Database 432 (Release Date: 7/22/2024)

97618R	432		2024 R1p10 Parent Release
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15935VC	432	97618R	Release to update 5Th Wheel Jaw Unlock Control
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Diamond Logic Builder Update to 15888 (Release Date: 6/12/2024)

- Support for Love’s Single Sign On.

Diamond Logic Builder Update to 15887 (Release Date: 3/12/2024)

- Licensing update.

- Database 431 (Release Date: 7/2/2024)

DLBFR_2024_02	431		Remove Carriage return from cluster display for 0597758 Lane Keep Assist
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DLB2024_2	431	DLBFR_2024_02	Remove Carriage return from cluster display for 0597758 Lane Keep Assist
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- Database 430 (Release Date: 6/26/2024)

97513E	430		2024 R1p4 Release
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15527VC	430	97513E	Release created to open 0597271 for M-CE
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15764VC	430	97513E	Release created for NFC for 5 speed transmission with park pawl and no shifter interlock solenoid
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- Database 429 (Release Date: 6/12/2024)

97314S	429		2024 R1p1 Parent Release
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14991VC	429	97314S	Update Auto re-enable time PP value for Lane departure warning features.
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14993VC	429	97314S	lease created to update Auto High Beam feature to add High Beam sensitivity change logic.
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15073VC	429	97314S	Release created to update the broadcasted country code from Motorola to Intel
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15180VC	429	97314S	Release created to open Lift Axle Control feature for 0597165 IP
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15079VC	429	97314S	744 OP Update
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15155VC	429	97314S	Release created to have only Left side turn signal assist as an available option
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15161VC	429	97314S	Release to override default PP values when 85dB(A) is ordered.
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15286VC	429	97314S	Trailer Detection and calibration rework to allow multiple features to request trailer detection
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15177VC	429	97314S	Release created to Remove Current_Region_Observe_Time
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15397VC	429	97314S	Release created to update default parameter values and ranges for HSA software.
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Database 428 (Release Date: 6/12/2024)



DLBFR_2024_R1P1P1	428		DLB FR Release for 2024 R1P1P1
15788VC	428	DLBFR_2024_R1P1P1	To open Brake feature for EV

Database 427 (Release Date: 6/12/2024)

97314L	427		2024 R1 Parent Release
13072VC	427	97314L	Added the HV IP for HX520 Headlamp Support
13065VC	427	97314L	Release created for Integrated Pre-Trip Inspection
15045VC	427	97314L	To create new override feature that will disable PTO request from steering wheel cruise switches.

Database 426 (Release Date: 6/12/2024)

97314H	426		R2 2024 EV Cluster
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- Database 425 (Release Date: 4/16/2024)

97314K	425		Parent Release R0p01 2024
15006VC	425	97314K	Production variant of Hill Start Aid WIP
15078VC	425	97314K	743 OP Update
15138VC	425	97314K	631 OP Update
15180VC	425	97314K	Release created to open Lift Axle Control feature for 0597165 IP

- Database 424 (Release Date: 4/16/2024)

97274S	424		Parent release R4 2023
13149VC	424	97274S	To create new feature for Lane Centering
13853VC	424	97274S	To create new feature for Auto high beam with warning lights and Updated 0597692 with new code for Low Beam warning light.
14052VC	424	97274S	Release to be created for Air Governor Control features for addressing DLs.
14053VC	424	97274S	BCM ePTO Updates
14114VC	424	97274S	To update Grid Management PP
14190VC	424	97274S	Created release for trailer detection feature codes(5 legs for 1 main trailer detection feature code)
14561VC	424	97274S	Legacy Fifth Wheel Jaw Modified to remove the Trailer ABS Status Signal
14562VC	424	97274S	Release created to modify the vehicle speed parameter values for hazard operation during emergency braking events and Collision events.
14664VC	424	97274S	Created new parameter values for fan setting and A/C pressure setting
14742VC	424	97274S	Created release to update HOD Warning Levels
14766VC	424	97274S	To remove steering gear (0x13) and receive msg's from LDW(0xE8) to support ADAS HMI functionality.
15061VC	424	97274S	742 OP Update
15062VC	424	97274S	Release for 630 OP
15084VC	424	97274S	E89 - PP values update for Wave File Selection & Wave File Play for radio



- **Database 423 (Release Date: 4/16/2024)**

15052VC	423		Parent Release for BCM_RO_2024_EXT
14046VC	423	15052VC	To create new feature for Noise Suppression Switch Horizon
14291VC	423	15052VC	To create new feature for booster pump with fuel fired heater
14820VC	423	15052VC	H08 - HVAC Sensor implementation
15180VC	423	15052VC	Release created to open Lift Axle Control feature for 0597165 IP
15052VC	423	15052VC	OP 741

- **Database 422 (Release Date: 4/16/2024)**

97314Z	422		Parent Release R0p04 2024
15377VC	422	97314Z	Fix for removing self arming behavior for 0597646 Post Trip Inspection

- **Database 421 (Release Date: 3/25/2024)**

97314Y	421		Parent Release R0p4 2024
15320VC	421	97314V	Bus Post Trip Inspection 597features modifications

Diamond Logic Builder Update to 15887 (Release Date: 2/27/2024)

- Licensing restored.

- **Database 420 (Release Date: 3/4/2024)**

97314V	420		Parent Release R0p03 2024
15186VC	420	97314V	Created to open the Noise Suppression SW feature for EC Bus with integrated heat only
15205VC	420	97314V	To add and update Drive Modes for GW transmission
15281VC	420	97314V	To open feature for LT

- **Database 419 (Release Date: 2/22/2024)**

DLBFR1	419		
15237VC	419	DLBFR1	Update Dome Light active time in Key off

Diamond Logic Builder Update to 15886 (Release Date: 2/19/2024)

- Updates toward restoring Licensing
- **Database, Version 418 (Release Date: 2/19/2024)**



97314R	418		BCM Parent Release R0p2 2023
14558VC	418	97314R	Release created to update Engine_Ramp_with_AC_ON_Hzn codeblock
14744VC	418	97314R	PWL reorder of priority for PWL Cancel Switch
15147VC	418	97314R	Air Door slamming door issue resolved
15169VC	418	97314R	To open feature for E79

- Database, Version 417 (Release Date: 1/23/2024)

DLBFR_01_2024	417		H08 Filter Release No Software modified
15107VC	417	DLBFR_01_2024	H08 Filter Release No Software modified

Diamond Logic Builder Update to 15878 (Release Date 12/21/2023)

- Temporarily removing licensing to allow users to log in.

- Database, Version 416 (Release Date: 12/20/2023)

Release	Data Version	Parent	Description
97314G	416		release for R3p12 2023
14979VC	416	97314G	New feature code to activate dome / courtesy lights when Key is off and External Knob is transitioned
14988VC	416	97314G	Release to create feature similar to 0597271 without Park Position Unlock Solenoid

- Database, Version 415 (Release Date: 12/20/2023)

Release	Data Version	Parent	Description
97174U	415		BCM_R3p2_2023_EXT
13150VC	415	97174U	Release created for Blind Spot Detection
14040VC	415	97174U	Created release for H06 Wheelchair Interlock
14120VC	415	97174U	701 Fifth Wheel Jaw Unlock Trailer Connected Cluster Pop-Up
14483VC	415	97174U	Update filter rules to add compatibility for E44 and remove 0597173
14643VC	415	97174U	Updated to add ePTO pseudo teach for EV
14862VC	415	97174U	740 OP Update

Diamond Logic Builder Update to 15875 (Release Date 11/07/2023)

- DLB-319 EV Cluster ePTO H01 support
- DLB-248 CAN Transmission Shift Actuator (detection only)

- Database, Version 414 (Release Date: 12/04/2023)

Release	Data Version	Parent	Description
97314F	414		R3_2023 (Horizon Cluster 040457 and 040336)



- Database, Version 413 (Release Date: 11/09/2023)

Release	Data Version	Parent	Description
DLBFR_R3p11_2023	413		DLB C-Rule Update for feature code 597541 Inclusion Rule
14960VC	413	DLBFR_R3p11_2023	701 filter rule update for 13WEX

Diamond Logic Builder Update to 15859 (Release Date 6/27/2023)

- Fix to Trailer Cord Detection function.

- Database, Version 412 (Release Date: 11/07/2023)

Release	Data Version	Parent	Description
97174J_2	412		05.09.02 EV Cluster

Diamond Logic Builder Update to 15859 (Release Date 6/27/2023)

- Fix to Trailer Cord Detection function.
- Cluster programming fix

- Database, Version 411 (Release Date: 11/05/2023)

Release	Data Version	Parent	Description
97174T	411		BCM_R3p1_2023_EXT 97174T
12975VC	411	97174T	Release created for Engage Trailer Service Brakes feature
13148VC	411	97174T	Release created for Active Steering
14041VC	411	97174T	To Create AIR COMPRESSOR MOTOR INHIBIT for High Voltage system for Horizon EV Bus.
14186VC	411	97174T	Created release to add CAL-CON for Audible 4-Way Hazard Tick Tock
14214VC	411	97174T	Release created for E82 Transfer Case Temp Gauge.
14481VC	411	97174T	E44 Transmission PTO Features with 42 Parameters
14482VC	411	97174T	Release for updating TEM bucket with PTO signals for controlling Scania Transmission
14662VC	411	97174T	To open 0597069, 0597705, 0597714 for H06 Platform
14770VC	411	97174T	Release for supporting 739 OP Update

- Database, Version 410 (Release Date: 10/29/2023)

Release	Data Version	Parent	Description
97274A	410		BCM_R3p05_2023_EXT
14786VC		97274A	Release to reorder the MUX for CE Bus 2.0 Solenoids



• Database, Version 409 (Release Date: 09/21/2023)

Release	Data Version	Parent	Description
97174J	409		EV Cluster ePTO 090501

• Database, Version 408 (Release Date: 09/21/2023)

Release	Data Version	Parent	Description
97174H	408		Horizon Cluster Software R2p3_2023 and R2p4_2023

• Database, Version 407 (Release Date: 09/7/2023)

Release	Data Version	Parent	Description
97125L	407		2023 R3 Parent Release
13429VC		97125L	Created release to have Engine Guard for X15
14319VC		97125L	Release Created for Air Governor Features updates on addressing DLs and updated ESI requirements.
14495VC		97125L	Door pop-ups; Door overcurrent Attempt limit

• Database, Version 407 (Release Date: 09/7/2023)

Release	Data Version	Parent	Description
97125L	407		2023 R3 Parent Release
13429VC		97125L	Created release to have Engine Guard for X15
14319VC		97125L	Release Created for Air Governor Features updates on addressing DLs and updated ESI requirements.
14495VC		97125L	Door pop-ups; Door overcurrent Attempt limit
14508VC		97125L	PTO feature updated by Adding PTO Hours teach information,
14651VC		97125L	Release for 738 OP Update
14746VC		97125L	To update user usage in Bus_PWL_Override_Signal_Filter codeblock.

• Database, Version 406 (Release Date: 09/1/2023)

Release	Data Version	Parent	Description
97174F	406		EV Cluster Kernel to 90500

• Database, Version 405 (Release Date: 07/27/2023)

Release	Data Version	Parent	Description
97051M	405		FY 2023 BC Software R2.1
13520VC	405	97051M	Release created for E99 Downhill Speed Control functionality



DLB Change Log

14050VC	405	97051M	Created release to open 0597697 for eLT
14101VC	405	97051M	release created to fix intermittent activation of red override signal in key crank.

- Database, Version 404 (Release Date: 07/24/2023)

Release	Data Version	Parent	Description
97174E	404		FY 2023 BC Software R2.1
14435VC	404	97174E	Release for creating EV version of GW Transmission PTO

- Database, Version 403 (Release Date: 07/24/2023)

Release	Data Version	Parent	Description
97125J	403		R2p1_2023 cluster base 040333 and R2p2_2023 cluster premium 040454

- Database, Version 402 (Release Date: 07/14/2023)

Release	Data Version	Parent	Description
97073B	402		2023 R1p3 Parent Release
13775VC	402	97073B	Door release with wakeup input as Fwd latch DIN (without wiring changes).
13777VC	402	97073B	Created to add Dome lights functionality to 47KEB PTI
13991VC	402	97073B	To create New Features for Dome light activation
14109VC	402	97073B	Release created to update Door Ajar Popup and Alarm Suppress when Noise Suppression Switch is ON
14128VC	402	97073B	Release to be created for PWL Mux Indicator.
14130VC	402	97073B	Release created to open DLB for M-CE bus
14177VC	402	97073B	To create new feature for wheelchair lift Indicator
14178VC	402	97073B	Phase 2 External knob added
14229VC	402	97073B	Release to update the user usage of BUS_Wheelchair_Lift_Door_Switch in feature 597647
14371VC	402	97073B	Release created to have addon feature for Post Trip Inspection Snooze Switch
14381VC	402	97073B	Release to be created for Emergency Exit features with/ without audible alarm.
14580VC	402	97073B	Release to open 0597624 for E79



• Database, Version 401 (Release Date: 07/14/2023)

Release	Data Version	Parent	Description
97073A	401		2023 R1p3 Parent Release
13043VC	401	97073A	Door release with wakeup input as Fwd latch DIN (without wiring changes).
13235VC	401	97073A	Created to add Dome lights functionality to 47KEB PTI
13881VC	401	97073A	To create New Features for Dome light activation
14015VC	401	97073A	Release created to update Door Ajar Popup and Alarm Suppress when Noise Suppression Switch is ON
14115VC	401	97073A	Release to be created for PWL Mux Indicator.
14436VC	401	97073A	Release created to open DLB for M-CE bus
14437VC	401	97073A	To create new feature for wheelchair lift Indicator

• Database, Version 400 (Release Date: 06/16/2023)

Release	Data Version	Parent	Description
96991B	400		2023 R1.1 Parent Release
11409VC	400	96991B	Release to update Grid Control for OTA Programming for BCM OTA
12655VC	400	96991B	Release Created to add Engine Guard Teach Configuration for Cummins Diesel Engine.
12954VC	400	96991B	Release created to update Crank Inhibit feature with Stalk shift to Inhibit cranking when stalk shifter position is not in N or P.
12973VC	400	96991B	Updated code block to transmit ASCII value of Country Code to Camera as data received from PCC or EGC
14042VC	400	96991B	Release created to update Pin mapping for 597600 from DIN09 to DIN19
14065VC	400	96991B	Created release to open 597529 (TPMS) feature for CE Bus platform.
14131VC	400	96991B	Release for updating 736, 628, and 514 OP's
14167VC	400	96991B	Release to create new 506 Controllers and Features

Diamond Logic Builder Update to 15855 (Release Date 4/28/2023)

- Enhanced Trailer Cord Detection Function.
- Show version information in Windows properties.
- EV module descriptions have been updated, but SA 90 (VCM) is still showing as “Unknown module.”



• Database, Version 399 (Release Date: 04/14/2023)

Release	Data Version	Parent	Description
97017H	399	96827W	Clusters Update Base 4.03.31 Premium 4.04.51

Diamond Logic Builder Update to 15849 (Release Date 4/13/2023)

- Electric vehicle cluster updates.

Diamond Logic Builder Update to 15843 (Release Date 2/19/2023)

- Premium cluster and electric vehicle cluster updates.

• Database, Version 398 (Release Date: 03/08/2023)

Release	Data Version	Parent	Description
96827W	398		2023 R1 Parent Release
12531VC	398	96827W	To activate Hazard lights during CMS event
13223VC	398	96827W	To create new features that will eliminate extra coding words for gauges in cluster.
13377VC	398	96827W	Release to be created for Perimeter Lighting
13380VC	398	96827W	Release created to update Bus Door Opening & Dome light Activation in Key OFF
13462VC	398	96827W	Release created to override a value to 248F for Global Export Trucks(EXP).
13548VC	398	96827W	Release created to update air doors to turn OFF the BCM Close Command pin when the door is fully closed
13715VC	398	96827W	Update GridCtrl_Abutment_ON_Time for Cummins L9 Engine
13734VC	398	96827W	To Open feature code 0597571 for 0597164
13864VC	398	96827W	Release created to update output pin for underhood_light_cmd for CE Bus 2.0

• Database, Version 397 (Release Date: 02/19/2023)

Release	Data Version	Parent	Description
DLBFR_R0P3_2023	397		DLBFR Release for 597711 rule
14116VC	397	DLBFR_R0P3_2023	Release to open 0597711 for eMV and eLT

Diamond Logic Builder Update to 15841 (Release Date 12/15/2022)

- Resolved issue with electric vehicle HVAC module updates.

Database, Version 396 (Release Date: 02/17/2023)

Release	Data Version	Parent	Description
96827T	396	96991A	EV Cluster 5.03.00



Database, Version 395 (Release Date: 02/13/2023)

Release	Data Version	Parent	Description
96991A	395		R0p1 2023 Parent Release
14001VC	395	96991A	Release to update Constant Value's for Brake Pressed and Released

Database, Version 394 (Release Date: 02/08/2023)

Release	Data Version	Parent	Description
DLBFR_02_23	394		DLBFR Release Feb 2023
14068VC	394	DLBFR_02_23	Open features for H08, CE Bus
14097VC	394	DLBFR_02_23	Change signal permissions needed for Trailer Cord Detection Calibration

Database, Version 393 (Release Date: 02/02/2023)

Release	Data Version	Parent	Description
96827V	393		BCM R4_2022
12496VC	393	96827V	Trailer Cord Detection: Accessor function for Low Current values
13147VC	393	96827V	Release for adding OTAPM Door Unlock/Lock functionality
13569VC	393	96827V	Release to update naming scheme for GW/T14 Transmission Mode
13880VC	393	96827V	OP735 Update

Database, Version 392 (Release Date: 12/20/2022)

Release	Data Version	Parent	Description
96700J	392		BCM R3_2022
11273VC	392	96700J	update SW of Suspension Primaax
12026VC	392	96700J	Release created for a new diff lock feature code with Parameter Max_Diff_Lock_Speed_Special_Case
12424VC	392	96700J	Release to add Pass Assist functionality for Adaptive Cruise Control
12498VC	392	96700J	Release for Intellipark Trailer Detection
12632VC	392	96700J	Release to create a feature for Heated Headlamps
12633VC	392	96700J	Release to add Fusion 3 Features to Horizon CE Bus
12810VC	392	96700J	To create Intellipark Brake Feature for Bus
12811VC	392	96700J	Open Park Brake Relay 0597274 for E79



DLB Change Log

12950VC	392	96700J	Release created to update bus electric door feature to support new CAN based logic
12953VC	392	96700J	Release to create new feature for overriding Auto S/S Idle Speed (cummins engine).
13007VC	392	96700J	Release created to open Logic Builder Feature to eMV IP
13075VC	392	96700J	Release to support E71 changes.
13151VC	392	96700J	Created Engine_Fan_Override_Hzn codeblock for Horizon and added code reference in 0597037 feature.
13158VC	392	96700J	Release created to update code block of heated mirrors
13195VC	392	96700J	To update code of Rock Free Transmission mode 11 active for falling Edge
13244VC	392	96700J	To update Pin mapping of Strobe Light Switch Input from AIN23 to AIN08
13378VC	392	96700J	PTI feature modifications for following changes: 1. ESI 2014-08: New feature creation. 2. ESI 2014-05: 0597645, add self-arm timer. 3. ESI 2014-07: 0597647, to add door lift signal as interlock while disarming 4. To add 1 short beep after disarm switch is pressed 5. To add optional Mux indicator
13466VC	392	96700J	Release for 734 OP Update
13570VC	392	96700J	Release to update how Send On Change for Brake Application Air Command (SPN 116) Only is implemented.

Database, Version 391 (Release Date: 12/15/2022)

Release	Data Version	Parent	Description
96915K	391		H08 R3.1 2022 Hyperion SW
12033VC	391	96915K	Release created for new IP feature for eTractor
12079VC	391	96915K	Release created to update C-Rule for 0597083 to include e-Tractor IP Feature
12374VC	391	96915K	Release created to open LT/RH features to eTractor IP
12375VC	391	96915K	Release created to open eMV features to eTractor
12376VC	391	96915K	Created release to open LT/RH features to eTRACTOR.
12377VC	391	96915K	Release created to open eMV features to eTractor
12533VC	391	96915K	Release created to open 0597640 for eTractor
13246VC	391	96915K	To open LT/RH features(dependent on Teach) for eLT platform for H08 program.

Diamond Logic Builder Update to 15840 (Release Date 11/10/2022)

- Added Support for TPMS Gen 2.



Database, Version 390 (Release Date: 12/10/2022)

Release	Data Version	Parent	Description
DLBFR12_22	390		E44 DLB Filter Rule
13874VC	390	DLBFR12_22	Open up 0597483 to IP 0597003 and 0597165

Database, Version 389 (Release Date: 11/14/2022)

Release	Data Version	Parent	Description
96827G	389		Cluster kernel updates. Premium 04.04.49, Base 04.03.29

Diamond Logic Builder Update to 15829 (Release Date 10/31/2022)

- Update for common messaging with Single Sign On.

Database, Version 388 (Release Date: 10/20/2022)

Release	Data Version	Parent	Description
96827D	388		2022 R2p2 Parent Release
13465VC	388	96827D	Release created to update Pin mapping of Crossing Gate Command Output and update to change multiplexer output.

Diamond Logic Builder Update to 15818 (Release Date 10/14/2022)

- Update to add Single Sign On (SSO) support.

Diamond Logic Builder Update to 15817 (Release Date 06/27/2022)

- Update to resolve connection issues to trucks with new clusters.

Database, Version 387 (Release Date: 08/25/2022)

Release	Data Version	Parent	Description
96700F	387		Release 96700F (FY 2022 BC Software R2.1)
13370VC	387	96700F	Noise Suppression feature for eBUS 1.5
13428VC	387	96700F	Release for 627 OP

Database, Version 386 (Release Date: 08/12/2022)

Release	Data Version	Parent	Description
Cluster Updates	386		Base Cluster 04.03.28 and Premium 4.44.47

Database, Version 385 (Release Date: 08/03/2022)

Release	Data Version	Parent	Description
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ClusterRollback	385		Horizon premium cluster roll back to 04.04.40
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Database, Version 384 (Release Date: 07/26/2022)

Release	Data Version	Parent	Description
96671W	384		Horizon premium cluster 04.04.46

Database, Version 383 (Release Date: 07/21/2022)

Release	Data Version	Parent	Description
DLBFR_R2p22022	383		DLB Filter release to allow 0597677 to configure with 0597003 LT IP
072022DLBFR	383	DLBFR_R2p22022	Filter Release for updating 0597677 C-Rule

Database, Version 382 (Release Date: 07/15/2022)

Release	Data Version	Parent	Description
DLBFR_R2p12022	382		DLB Filter release to allow 0597676 to configure with 0597003 LT IP
071522DLBFR	382	DLBFR_R2p12022	Release for adding LT IP for 0597676 Suspension dump

Database, Version 381 (Release Date: 06/24/2022)

Release	Data Version	Parent	Description
96531T	381		2022 R2 Parent Release
12352VC	381	96531T	To create new DEF tank capacity features.
12411VC	381	96531T	Release created to transmit Secure Brake Switch and Cruise Enable Signal to PIM and to update Prop SPN for Brake & cruise Msg for ECM Module
12489VC	381	96531T	Created Release to add Faults for Loss Comm between BCM and Left/ Right Headlamps
12497VC	381	96531T	Release created to change Fault filtering of Park/Marker output
12599VC	381	96531T	Release to open features for eBus IP
12638VC	381	96531T	Update Headlights functionality to address DL-6617
13010VC	381	96531T	Release Created to Update AIN definition Ranges
13044VC	381	96531T	Added SPN 3940 in PGN 64932 to fix Pyxis 599355
13054VC	381	96531T	Release for OP 733 Update
9356VCM	381	96531T	Created Release for new SSPTO Features for Horizon



Database, Version 380 (Release Date: 06/14/2022)

Release	Data Version	Parent	Description
96531U	380		2022 R1.2 Parent Release
13026VC	380	96531U	Update temperature parameter thresholds to fix Pyxis 602331.
13033VC	380	96531U	Release for updating TEM PTO and Transmission PTO features
13144VC	380	96531U	Update the access level for Cabin Heater Low Threshold parameter

Diamond Logic Builder Update to 15814 (Release Date 06/09/2022)

- Update to resolve database issues.

Database, Version 379 (Release Date: 06/09/2022)

Release	Data Version	Parent	Description
96531N	379		FY BCM_R1p1_2022_EXT
12988VC	379	96531N	Release for 732 OP
13016VC	379	96531N	0597623 inclusion C-Rule to update
13017VC	379	96531N	Added Solenoid_Over_Current_Status in 0595JAS & transmission constants in 0595BZS features.

Diamond Logic Builder Update to 15812 (Release Date 04/12/2022)

- Update to Electric Vehicle Instrument Cluster Kernel

Database, Version 378 (Release Date: 3/08/2022)

Release	Data Version	Parent	Description
96442Y	378		FY 2022 R1 Parent Release
11337VC	378	96442Y	Release Created to support Electronic Air Governor Control functionality.
12016VC	378	96442Y	Release created to transmit FEPTO/REPTO status message to TCM\ECM
12022VC	378	96442Y	Created release for T-Case Temp Warning functionality
12118VC	378	96442Y	C-Rule update for Drive Mode features
12121VC	378	96442Y	Release created to update sleeper functionality for digital input.
12191VC	378	96442Y	Release to update message processing of SPN 3463
12199VC	378	96442Y	Release created for N2 Load Shed Improvement
12222VC	378	96442Y	Created release to fix feature per EES-SE-I-5097-01 ver 1.1



12225VC	378	96442Y	Release for Remote Start Stop Update to reset Failed Attempt Flag when Engine is running and remove
12243VC	378	96442Y	Release created to update Park Brake Alarm Feature
12513VC	378	96442Y	Release created to update access level of signals as per guidelines
12532VC	378	96442Y	Release for updating 731 OP
12600VC	378	96442Y	Release Created for Pin Update for Parked Regen Switch
12600VC	378	96442Y	Release created to change active filtering time in NM-Safety-Direct-Processor-Module
12898VC	378	96442Y	To resolve the hyperion conflicting issue for 595KBH and 595BJR.

Database, Version 377 (Release Date: 2/16/2022)

96531G	377		FY 2022 R0.1 Parent Release
12820VC	377	96531G	Release created to fix Pyxis 593726 (ABS Indicator Lamp Inversion issue)
	377		Fix for Park Brake Alarm with key ON issue

Database, Version 376 (Release Date: 12/22/2021)

96400Z	376		2021 R4 Parent Release
10082VC	376	96400Z	Created new release for fixing timing issue in Load shed horizon code block
10489VC	376	96400Z	Release created to updated Lift Axle Module
11080VC	376	96400Z	Release created to add Mux PA in Radio functionality
11423VC	376	96400Z	Created release to update existing Auxiliary Transmission feature to send status of Low/High/Neutral Gear Over CAN
11085VC	376	96400Z	Updates for Lift Axle with ELAM. PP config units resolution is too low and resulting in incorrect Pressure Resolution value
11525VC	376	96400Z	Created release to support Turn Signal Lights command in PGN 65089
11582VC	376	96400Z	Release created to correct the SPN for Right_Headlamp_RX_Message_Counter in NM-Horizon-Right-Headlamp module.
11661VC	376	96400Z	Release created to add auto Relay fault code definition.
11690VC	376	96400Z	Release to create new feature for Stationary Regeneration when time since Active regen is greater than the time defined in the Programmable Parameter.



DLB Change Log

11673VC	376	96400Z	Release created to update LDW feature for Camera Event Recorder logic.
11833VC	376	96400Z	Update Starter Activation Time from 2 seconds to 4 seconds
11855VC	376	96400Z	Update for Loss of Comms Fault Logging in Key Off
12047VC	376	96400Z	Release to create two new optional feature codes for Dome Lights Activation through Doors and Emergency Exit.
11997VC	376	96400Z	Release created for H04 Simplified Cluster Teach
12140VC	376	96400Z	OP Task for updating 730
12242VC	376	96400Z	626 OP Update
12256VC	376	96400Z	Disable AEBS2 from 250K BB datalink
12389VC	376	96400Z	Release created to remap E79 DIN conflict
8743VCM	376	96400Z	Release created to update Fog Lights Horizon feature
9115VCM	376	96400Z	Created release to have a feature code similar to 0595ALG
9118VCM	376	96400Z	Release created for Fog Lights feature for CE Bus 2.0
9326VCM	376	96400Z	To support Air Suspension Dump functionality for Monostable switch.

Database, Version 375 (Release Date: 12/01/2021)

96442N	375		2021 R3.3 Parent Release
12519VC	375	96442N	Release to update No Idle heater without condensation blower to reverse the active low relay object to active high

Database, Version 374 (Release Date: 11/20/2021)

96400G	374		base 04.03.24, premium 04.04.40, EV 04.02.00
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Database, Version 373 (Release Date: 11/15/2021)

96370D	373		E79 D5 Parent Release
10110VC	373	96370D	Release created for new Noise Suppression feature for CE Bus 2.0
10127VC	373	96370D	Release created for E79 Bus Stop Arm feature.
10146VC	373	96370D	Create a new feature for Alternating Flashing Lighting (Wig Wag) with Bus Pupil Warning Lights
10148VC	373	96370D	Created release for CE Bus Headlights
10289VC	373	96370D	E79 D5 IP Update for Adding and Removing Features
10382VC	373	96370D	Created release to Brake Switch feature for CE Bus Horizon
10732VC	373	96370D	Release to create new Dome Light features
10965VC	373	96370D	Created release to open Auto High Beam feature for CE BUS Horizon platform
10982VC	373	96370D	Release created for Beacon/Strobe Light Features.



11156VC	373	96370D	Created release for Steering Wheel Switch Pod for E79 platform
9094VCM	373	96370D	Release created for new ELC feature for E79 Bus.
9095VCM	373	96370D	Release to create new feature for Crossing Gate Disable Switch
9104VCM	373	96370D	Release to create sequential PWL Steering Wheel features for Horizon CE Bus.
9105VCM	373	96370D	Release to create the common outputs PWL feature, Non-Sequential PWL Steering Wheel features, Red Always Hot PWL feature and PWL Master Cancel features for Horizon CE Bus.
9107VCM	373	96370D	Created release for Pupil Warning Lights (Sequential) Options
9108VCM	373	96370D	Created release for Pupil Warning Lights (Non-Sequential) Options
9119VCM	373	96370D	To create new feature for Auxiliary Air Pressure Gauge for Bus without Door Switch.
9129VCM	373	96370D	To create a new Post Trip Inspection feature for horizon
9130VCM	373	96370D	Release to create new feature for PTI Child Reminder System
9133VCM	373	96370D	Release created for new Headlight Reminder Feature
9151VCM	373	96370D	Release created for Park Brake Alarm features for Horizon Bus
9158VCM	373	96370D	To create new feature for Interlock wheelchair functionality with Warning Lamp.

Database, Version 372 (Release Date: 11/02/2021)

96400Y	372		BCM_R3p2_2021_Ext
12244VCM	372	96400Y	Update ITAR Global Network module to keep in sync with

Diamond Logic Builder Update to 15800 (Release Date 09/22/2021)

- GUI & Emitter changes for Comm. Loss in Key OFF.

Database, Version 371 (Release Date: 9/29/2021)

96253K	371		2021 R3 Parent Release
10259VC	371	96253K	Release created for Intellipark Feature CA2.0
10260VC	371	96253K	Release created for Intellipark Feature CA1.5 and moved SPN 1820 from Data Recorder feature to all Wheelchair Interlock features.
10447VC	371	96253K	Release Created to Change the ABS Warning Relay from Active low to Active High
10869VC	371	96253K	Release created for ACC following mode selection
10979VC	371	96253K	Release created for Transmission Mode Selection feature for new Eaton Transmission.
10980VC	371	96253K	Release Created for XD/XDPRO Eaton Transmission



DLB Change Log

11082VC	371	96253K	Release created to support Steering Wheel Controls feature
11083VC	371	96253K	Created release for Perimeter Lighting
11188VC	371	96253K	Update Load Shed Features to stop and prevent shedding if OTAPM is programming. Remove Battery Interlock trip for pre-condition and active-programming condition.
11325VC	371	96253K	Release Created for Neutral at Stop feature to support ACC stop and auto go functionality
11479VC	371	96253K	Release to create new feature for Blind Spot Radar.
11535VC	371	96253K	Release created to add generic NAVISTAR Messages in Radio Mute Feature
11539VC	371	96253K	Release created for NFC Fuel Tank Capacity
11548VC	371	96253K	To enable PGN 61441 for 250K Private bus in 6xx
11781VC	371	96253K	Regen Braking Changes for eMV H07
11782VC	371	96253K	Release created to update interlock for Auto High Beams Horizon
11792VC	371	96253K	Release to create 729 OP
11969VC	371	96253K	Release to create 625 OP
12032VC	371	96253K	Release to open 0595AGP for EV Bus IP.
12049VC	371	96253K	To remove CAL-CONs related to Front/Rear Axle Location as Cluster does not support them.
12050VC	371	96253K	Release to update Drive Mode with switch Teach Data.
12143VC	371	96253K	Release created for Cluster Teach for Cabin Heater
9354VCM	371	96253K	Initial creation for Force Hold Neutral.
9355VCM	371	96253K	Release created for Rock Free Transmission.
9485VCM	371	96253K	To create new feature for radio fusion

Diamond Logic Builder Update to 15792 (Release Date 09/20/2021)

- Provide electric vehicle cluster programming for Engineering.
- Enhancement for eFIX management

Database, Version 370 (Release Date: 9/02/2021)

DLBFR21	370		Diamond Logic Builder Filter Rule, 21st(DLBFR21) unscheduled release
12088VC	370	DLBFR21	Release to open 0597584 for eMV IP.

Database, Version 369 (Release Date: 8/11/2021)

96214W_2	369		Re-release 1.41 ELAM
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Database, Version 368 (Release Date: 8/11/2021)

96318N	368		FY 2021 R2.3 BC Software Release
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DLB Change Log

12004VC	368	96318N	Update for ignoring Not Available from ELAM until after switch press or Normal Operation from ELAM
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Database, Version 367 (Release Date: 8/05/2021)

12023VC	367		To open 0595AGZ for EV Bus
DLBFR20	367		DLB Filter rule to open 595AGZ for IP feature 595BZN

Database, Version 366 (Release Date: 8/08/2021)

96318M	366		ELAM 1.38
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Database, Version 365 (Release Date: 8/05/2021)

96253S	365		2021 R2.2 Parent Release
11780VC	365	96253S	Release for updating Regenerative Braking for EV Bus
11793VC	365	96253S	Release to create 624 OP

Database, Version 364 (Release Date: 8/04/2021)

96253G	364		Base 04.03.21 Premium 04.04.37
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Database, Version 363 (Release Date: 7/29/2021)

96253J	363		ELAM 1.41
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Database, Version 362 (Release Date: 7/28/2021)

96253H	362		2021 R2.1 Parent Release
11838VC	362	96253H	ELAM Emergency Change to Send Position Messages in Key Off until expiration, which will send Not Available after

Database, Version 361 (Release Date: 7/28/2021)

96081Y	361		E79 D4 Hyperion master release
10149VC	361	96081Y	Release created for CAN based turns in front and separate hardwired stop/turns in rear.
10274VC	361	96081Y	Created release for Emergency Exit feature for CE Bus.
9116VCM	361	96081Y	Release to Create a feature code similar to 0595ALH
9120VCM	361	96081Y	Create new feature similar to 0595AMH and update the codeblock according to new requirements
9127VCM	361	96081Y	Created to remove load shed interlock from existing Transmission Mode Selection feature.
9147VCM	361	96081Y	Release to Create new feature similar to 0595BPJ and update the Codeblock according to new requirements.
9149VCM	361	96081Y	reated release for new Park/Marker Lights ON W/DRL feature for Hzn
9163VCM	361	96081Y	Release to create feature for CE Bus similar to 0595JAJ-Adjustable Pedals
9206VCM	361	96081Y	create new DPF hardwired regen feature for CE Bus.



DLB Change Log

9670VCM	361	96081Y	Created release to open 0597122,0597121 to Horizon BUS.
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Database, Version 360 (Release Date: 7/02/2021)

96224L	360		G62 Parent Release
11844VC	360	96224L	Open 0597169 for Military IP

Database, Version 359 (Release Date: 6/17/2021)

96120V	359	-	FY 2021 R2 Parent Release
10868VC	359	96120V	Release created to add constant value for One_Tenth_Second_Delay back to feature 0595313.
9673VCM	359	96120V	Add support for GW Transmission and CBE1 Engine parameters 597496 597444
9481VCM	359	96120V	Initial Creation for Adaptive Cruise Control functionality for CE Bus 0595JAT
9268VCM	359	96120V	Release created for Transmission PTO Split Functionality with Mux Switch 597521
7347VCM	359	96120V	New Release to create new feature for Headlights ON with Auto Headlights with Solar Twilight Sensor 0597584
11543VC	359	96120V	728 OP Update
11542VC	359	96120V	623 OP Update
11399VC	359	96120V	Release to fix issue related to BCM waking up periodically due to activated 250k PT bus
11369VC	359	96120V	Created to add Network Modules in 0597156 and 0597157 feature
11333VC	359	96120V	Release to add simplified teach to the EV Cluster
11331VC	359	96120V	Release created to change DLB Plow Light Parameter permissions from Engineering to FLEETS.
10652VC	359	96120V	Release created to remove mismatch diagnostics logic for Left Turn and Right Turn for J1939 output
10487VC	359	96120V	Release created for NFC for RPM Momentary Switches
10314VC	359	96120V	Release created to allow turn signal to override hazard lights.
10285VC	359	96120V	Release created for new GW Hot Shift PTO IP Switch Features. 0597584
10213VC	359	96120V	Release created for Fifth Wheel Jaw Unlock with Lamp Detection
10040VC	359	96120V	New Release to create features for New Transmission Modes
10013VC	359	96120V	Release created for new GW PTO Features. 597553 597554

Diamond Logic Builder Update to 15792 (Release Date 06/15/2021)

- Provide warning dialog before ELAM flashing.

Database, Version 358 (Release Date: 06/14/2021)

96214W	358		Electronic Lift Axle Module 1.38
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Database, Version 357 (Release Date: 06/14/2021)

96214U	357	-	2021 R1.2 Parent Release
11749VC	357	96214U	Emergency Electronic Lift Axle Module release

Database, Version 356 (Release Date: 05/14/2021)

95985D	356	-	
9666VCM	356	95985D	open 0597043 to Horizon Bus.
9152VCM	356	95985D	new feature for PARK BRAKE Release Interlock for Horizon 597565
9125VCM	356	95985D	create Engine Ramp with Low Battery feature for CE Bus.
9124VCM	356	95985D	new ENGINE RAMP With A/C ON feature for Horizon CE Bus

Diamond Logic Builder Update to 15786 (Release Date 04/12/2021)

- Added improved parsing for Switch Pack and Cluster serial numbers.
- Added enhanced logging during Switch Pack programming.

Database, Version 355 (Release Date: 04/15/2021)

96120U	355	-	FY 2021 R1.1 Parent Release
11520VC	355	96120U	Add Left/Right Turn Signal Light Command J1939 output for LDW
11505VC	355	96120U	Open 0597054 to eMV IP
11297VC	355	96120U	updating Parameter thresholds to fix Pyxis 556091, A/C HiP sensor 2609-15 faults.

Database, Version 354 (Release Date: 03/25/2021)

elam_faults	354	-	ELAM Faults
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Database, Version 353 (Release Date: 03/25/2021)

51Fault	353	-	TPMS Faults
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Database, Version 352 (Release Date: 03/02/2021)

96037H	352	-	FY 2021 BC Software R1
10099VC	352	96037H	597576 LANE DEPARTURE WARN Audio Mute with Switch
10240VC	352	96037H	597544 ENG COMPRESSION BK ROCKER SWITCH, IN LCM FOR BUS ONLY
10734VC	352	96037H	597072 SFC/FE Bus and to create new feature codes for MWM Euro 6 and Cummins Euro 6 Engines. 597571 597572
10924VC	352	96037H	727 Kernel. Update Next-Gen 12 Volt Hardware with Freescale SPC5645 microcontroller for Horizon
11159VC	352	96037H	Update IP 0595BZN as per H04 EV Bus
11215VC	352	96037H	Created release to update Radio Mute feature for removing Network modules attached to it 597294 597548
11310VC	352	96037H	Remove loss of comm for EV cluster network module



DLB Change Log

9448VCM	352	96037H	New feature for Auto High Beams 597574
9449VCM	352	96037H	New feature for radio fusion rumble 597575
9451VCM	352	96037H	Add Cruise Control Update to Hands off Detection 597517 Not yet available
9453VCM	352	96037H	Adaptive Cruise Control functionality 0597577 ADAPTIVE CRUISE CONT with Following Distance for Fusion 3.0
9689VCM	352	96037H	Add additional requirements to PTO. 597254 597266 597334
9978VCM	352	96037H	Feature for Parked Regen Switch Aftertreatment for SFC/FE Bus 0597543

Diamond Logic Builder Update to 15779 (Release Date 02/25/2021)

- Added support for Electronic Lift Axle Module kernel update

Database, Version 351 (Release Date: 02/24/2021)

96072J	351		Initial support for Electronic Lift Axle Module (ELAM)
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Database, Version 350 (Release Date: 02/21/2021)

11316VC	350	96072H	Update Pressure Mismatch Monitoring for Electronic Lift Axle Module (ELAM) 597469 597470 597471
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Database, Version 349 (Release Date: 02/02/2021)

95939S	349		2021 Cluster Update Premium 40431 Base 40316
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Database, Version 348 (Release Date: 01/29/2021)

96037G	348		FY 2021 BC Software R0.3
11182VC	348	96037G	Update the Function Field for Snow_Valve_Air_Solenoid_Cmd 597490 HX

Database, Version 347 (Release Date: 01/28/2021)

95863R	347		Switch Pack Kernel 25
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Database, Version 346 (Release Date: 01/25/2021)

95927V	346		EV FY2021 BC Software R0.2
10138VC	346	95927V	Create Vehicle Sleep Mode for electric truck
10141VC	346	95927V	Regenerative Braking for electric MV 597550
10162VC	346	95927V	New H07 Shift Inhibit feature 597541 597566
10164VC	346	95927V	IP Feature for electric MV 597552
10167VC	346	95927V	Cluster alarm signals for electric truck
10294VC	346	95927V	Brake Light activation based on Vehicle Speed Deceleration for Electric vehicle 597550
10296VC	346	95927V	Power Adjustable Pedals for Electric Bus 595JAS
10538VC	346	95927V	Disable Load Shed Relay Driver Diagnostics During Key Off 597240
10653VC	346	95927V	726 BCM Kernel Next-Gen 12 Volt Hardware with Freescale SPC5645 microcontroller
10735VC	346	95927V	Update max coolant temp from 221F to 239F.
10804VC	346	95927V	622 Bus BCM Kernel 12 Volt Hardware with Freescale SPC5645 microcontroller
10968VC	346	95927V	Add Air Pressure Warning Lamp to Electric Bus



DLB Change Log

9480VCM	346	95927V	Update fail-safe conditions for Differential Lock. 597421 597422 5979423 597948
9696VCM	346	95927V	Change access level of Battery Voltage Signal for DLB
9993VCM	346	95927V	595BZN Air Pressure Warning Lamp on Electric Bus

Diamond Logic Builder Update to 15774 (Release Date 01/25/2021)

- Enable Switch Pack Programming Menu
- Switch Pack Kernel update to 25.

Database, Version 345 (Release Date: 01/18/2021)

95952P	345		Hyperion Release R0.1-2021
10578VC	345	95952P	Add Parameters for Rear HVAC Module in Auto Climate allow the adjustment of User Temperature Settings 597317
10783VC	345	95952P	Lower DLB Access Level for Road Speed Limit 597525

Database, Version 344 (Release Date: 12/18/2020)

95897CD	344		2020 R4.1 Parent Release for E79 D1 (95897C) and E79 D2 (95897D)
95897C	344	95897CD	E79 D1 Hyperion master release E date :- 12/18/2020
9113VCM	344	95897C	Vandal Lock Warning feature for HORIZON bus. 597540
9131VCM	344	95897C	New feature for Seatbelt Light Ind for BUS 597542
9208VCM	344	95897C	Open SCR (Selective Catalytic Reduction) for Horizon Bus. 0597082 requires one_of (0597003, 0597164, 0597165, 0597411, 0597535, 0597536)
95897D	344	95897CD	E79 Horizon Bus D2 Hyperion master release E date :- 12/18/2020
9265VCM	344	95897D	IP Feature for Horizon Bus 597535 597536
9478VCM	344	95897D	Open 0597437 to CE Horizon Bus 597437 requires one_of(0597003, 0597164, 0597165, 0597500, 0597535, 0597536)
9479VCM	344	95897D	Open Crank Requests feature of HORIZON Bus, 0597065 requires one_of(0597003, 0597164, 0597165, 0597411, 0597500, 0597535, 0597536, 0597552)
9661VCM	344	95897D	Open 0597031 to Horizon Bus.
9884VCM	344	95897D	Create release to open 0597108 for Horizon Bus

Database, Version 343 (Release Date: 12/03/2020)

95766N	343		FY 2020 BC Software R4
10006VC	343	95766N	Created release for Crank inhibit with PSI Engines
10159VC	343	95766N	Created release for Brake Light activation based on Vehicle Speed Deceleration 0595BZR Electric Vehicle
10293VC	343	95766N	Release to create feature Restrict Secondary Road Speed to Allison Only 0597525 requires 0597024 and 0597173
10295VC	343	95766N	Release for 725 OP
10501VC	343	95766N	Release for 621 OP
10533VC	343	95766N	Update filter weight of Lift Axle transducer analog inputs. Update filter weight of Lift Axle Gauges to add dampening. Parameters 3617 3618 3619
8543VCM	343	95766N	Created release for Lift Axle 3 Monitor pin remap for HX platform 0597494 0597495
8745VCM	343	95766N	To create a new transmission shifter feature 0597541 BCM PROG, SHIFT BY WIRE



DLB Change Log

9114VCM	343	95766N	Release created for Cruise control switch with switches located in Switch-pack.
9275VCM	343	95766N	To update the Teach data for 8x6 Tridem and 4x2 Super Singles Axle
9276VCM	343	95766N	Release created to control Radio Mute functionality base on PP.
9382VCM	343	95766N	Release created to activate Hazard Lights based on Highway Departure Braking feature.
9442VCM	343	95766N	This release is to update the A/SS Engine oil parameter feature. Also to update units of measurement to utilize C+40. Also to change PV of Engine Idle Speed to 600 RPM
9632VCM	343	95766N	Created new release to commonize Underhood switch 597485 597486
9646VCM	343	95766N	To create the separate stop turn feature for SFC/FE Bus 597523
9688VCM	343	95766N	Update Auto Neutral functionality to remain applied when Key newly ON
9852VCM	343	95766N	Remap SSC output to multiplexer for snow valve feature 597490

Diamond Logic Builder Update to 15766 (Release Date 11/30/2020)

- Enable Tire Pressure Management (TPMS) Menu.
- Restore Door Pod and LCM programming, when using Update All and Program All.

Database, Version 342 (Release Date: 09/23/2020)

95856A	342		Horizon: Instrument Cluster 04.04.29
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Database, Version 341 (Release Date: 09/25/2020)

95766M	341		2020 R3 Parent Release
7646VCM	341	95766M	Lift Axle Control With LACM
8785VCM	341	95766M	Created Release to update PTO changes to recognize Transmission Neutral signal
9197VCM	341	95766M	Release for N2 Cluster Message for Low Battery and Park Brake
9269VCM	341	95766M	Protect Starter Manual Crank
9325VCM	341	95766M	To create the Cabin Heater feature for eBus program.
9327VCM	341	95766M	Created release for H03 Headlights
9330VCM	341	95766M	Created release for H03 Wheelchair Lift Interlock
9337VCM	341	95766M	Creating new release to update the C-Rule to open 0595ABP for eBus IP.
9338VCM	341	95766M	Created release to open feature 0595ALH for H03 platform.
9340VCM	341	95766M	To create the new Park Light feature for eBUS.
9341VCM	341	95766M	Creating new release to update the C-Rule to open 0595BAZ for eBus IP.
9343VCM	341	95766M	To Create new feature EBus Sleep Functionality.
9344VCM	341	95766M	Release for IP Feature for EBus
9357VCM	341	95766M	To create No Idle Heater feature without Condensation module request.
9365VCM	341	95766M	New release to create Grid Management feature for eBus
9445VCM	341	95766M	Created release to not process any Brake Switch fault if there is External Brake message from ABS Module
9460VCM	341	95766M	Created release for eBus Exterior Light Check
9463VCM	341	95766M	Release to create new feature for the Regenerative Braking to send messages to VCU
9551VCM	341	95766M	724 OP Update
9552VCM	341	95766M	OP Update to 620
9594VCM	341	95766M	Release to create feature to transmit Air Compressor Disable Message to VCU



DLB Change Log

9684VCM	341	95766M	Realease to create new feature for Road Speed Limiting.
9690VCM	341	95766M	Created new release to change diagnostic threshold value for Hydromax Pressure/Flow Switch.
9707VCM	341	95766M	To create a new feature for mapping Park Brake Indicator to WL12.
9708VCM	341	95766M	Release to Create New Feature for Traction Control with warning light
9709VCM	341	95766M	Release creating to map seat belt indicator Warning Lamp to WL23
9710VCM	341	95766M	To create similar feature to 0595KAT
9711VCM	341	95766M	Release creating to map ABS indicator Warning Lamp to WL16

Diamond Logic Builder Update to 15749 (Release Date 09/15/2020)

- Hide TPMS Menu (Under Development)
- Disabled Switch Pack and Door Pod Programming

Database, Version 340 (Release Date: 08/18/2020)

95666B	340		Base cluster software
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Diamond Logic Builder Update to 15745 (Release Date 08/19/2020)

- Enhanced Login
- Removed Switch Pack Programming Menu Item

Database, Version 339 (Release Date: 08/13/2020)

95593Y	339		2020 R2.1 Parent Release
9865VCM	339	95593Y	DLB Filter Rule Update for MX16

Diamond Logic Builder update to 15733 (Release Date 06/26/2020)

- Update to switch pack flashing routine
 - Switch Pack module update function removed from "Update Software" routine
 - New menu item, "Switch Pack Programming", added under "Tools" menu
 - Updates all switch pack modules to Kernel 22
 - Assigns address during software update/flash
 - Added address modification screen
 - Dialog added with link to iKNow article IK0800590
 - Dialog added with instructions to clear DTCs after using the "Switch Pack Programming" menu option
- Update link to change log

Database, Version 338 (Release Date: 06/26/2020)

95689J	338		(Hyp Component Data RIs FY20R1)
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Database, Version 337 (Release Date: 06/26/2020)

95562T	337		2020 R2 BC Software Parent Release
6399VCM	337	95562T	To change the load shed relay fault message description for both active high and active low relay output.
7107VCM	337	95562T	Created release to define fault information for optional switches in the LCM.



DLB Change Log

7111VCM	337	95562T	Release to create 3rd Axle for Axle Temp
7324VCM	337	95562T	Release to update Auto Headlights ON Wait Time to 1 second
7453VCM	337	95562T	Release to create Namco Transfer Case Electrical Control feature
7766VCM	337	95562T	To create new feature Air solenoid controlled Snow Valve.
8009VCM	337	95562T	Created new release to update code block.
8144VCM	337	95562T	To create new feature for Lane Keep Assist.
8251VCM	337	95562T	Created release for Aux Trans NV Ratio Comms as per Pyxis
8694VCM	337	95562T	Created new feature for Steering Performance
8936VCM	337	95562T	Release for new Load Shed strategy. Kernel will periodically wake up so application can check to see if load shed is needed
8997VCM	337	95562T	This release is created to update a parameter value for A26 engine.
9004VCM	337	95562T	This release is created to add Off Road drive mode.
9020VCM	337	95562T	Created release to add load shed level 2 check for Heated Windshield
9079VCM	337	95562T	Release for Hands Off Detection Warning and Disabling
9165VCM	337	95562T	This release is created to map DLB parameter.
9173VCM	337	95562T	To update feature 0597488 to remove DRL and create a new feature for enabling DRL
9211VCM	337	95562T	Created release to fix to fix Open fault occurring randomly on Pressure sensor
9253VCM	337	95562T	Created release for E44 Trans shifter to open 0597444 for MV/HV platform
9427VCM	337	95562T	Created release to enable PGN 57344, 65264, 65089 and 65273 on Body Bus
9512VCM	337	95562T	723 OP Update

Database, Version 336 (Release Date: 06/26/2020)

95689M	336		(FY 2020 BC Software R1.3)
9705VCM	336	95689M	Release to update Remote SS to turn on Ignition grid after requesting Emergency Pump

Diamond Logic Builder update to 15720 (Release Date 06/03/2020)

- Update to Gen 4 emitter (600 Series Kernel)

Database, Version 335 (Release Date: 06/01/2020)

95629B	335		2020 R1.2 Software Parent Release
7596VCM	335	95629B	OP Update 619
8366VCM	335	95629B	Update to Remote SS as per Pyxis 501915
9416VCM	335	95629B	Release for 722 OP Update
9423VCM	335	95629B	Release to update the engine ramp threshold in the Auto Start Stop feature from a constant to a parameter
9474VCM	335	95629B	Update the C-Rule of feature 0597319 to make it available for LT platform

Diamond Logic Builder update to 15717 (Release Date 04/29/2020)

- Fixed DLB Simulator



DLB Change Log

- Fixed issue with templates adding undesired modules
- Added prompt to clear DTC's after programming

Database, Version 334 (Release Date: 04/27/2020)

95629N	334		95629N (FY 2020 BC Software R1.1.1)
9454VCM	334	95629N	Update the Checksum data for addition of Sample 1 to Sample 5 data to the PGN

Database, Version 333 (Release Date: 04/17/2020)

95618Z	333		95618Z: FY 2020 BC Software R1.1
9180VCM	333	95618Z	721 OP Update
9407VCM	333	95618Z	Release for Knock Sensor fault logging

Database, Version 332 (Release Date: 03/02/2020)

95485B	332		2020 R1 BC Software Parent Release
7008VCM	332	95485B	Created release to add DTE fuel tanks for HX vehicle
7047VCM	332	95485B	Created release for CAN LED Headlight functionality
7700VCM	332	95485B	Release to create Snow Plow Lights feature compatible with CAN LED Headlights.
7701VCM	332	95485B	CAN based Marker Lights
7704VCM	332	95485B	Created release for Directional Turns E36
7900VCM	332	95485B	Release for New Service Brake Switch feature
8176VCM	332	95485B	To create new E63 Transmission Retarder feature
8243VCM	332	95485B	To create new feature for Transfer case PTO
8294VCM	332	95485B	To create a new Underhood Lighting feature.
8371VCM	332	95485B	Release to create new feature for Modesty lighting
8594VCM	332	95485B	Created release to control a secondary work light on HV/MV vehicles
8602VCM	332	95485B	To create new Active Ride Height Control feature.

Database, Version 331 (Release Date: 02/06/2020)

95368W	331		HVAC
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Database, Version 329 (Release Date: 01/29/2020)

95485A	329		2020 R0.2 BC Software Parent Release
8364VCM	329	95485A	OP Update 720
8935VCM	329	95485A	Release to update Network Module to Support DM13 message stop broadcast

Database, Version 328 (Release Date: 01/06/2020)



DLB Change Log

95450Z	328		2020 R0.1 BC Software Parent Release
9024VCM	328	95450Z	Update to Remote SS Features to not consider Hood Switch when shutting off engine

Database, Version 327 (Release Date: 01/06/2020)

95368U	327		Premium cluster 04.04.29
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Database, Version 325 (Release Date: 12/13/2019)

95368T	326		Base Cluster 4.03.10
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Database, Version 325 (Release Date: 12/13/2019)

95368K	325		2019 R6 BC Software Parent Release
7735VCM	325	95368K	To create new feature for Autotherm No-Idle PCA
7767VCM	325	95368K	Creating release for in cab panic. Release also includes moving separate panic functionality
8245VCM	325	95368K	Seat Belt Range Inhibit Feature
8595VCM	325	95368K	To Remove fault code 2000:19
8612VCM	325	95368K	E36 Halogen Headlight functionality with Plow
8639VCM	325	95368K	To create new feature for A38 Engine.
8766VCM	325	95368K	To add N2 faults in Hyperion

Database, Version 324 (Release Date: 11/26/2019)

95368J	324		2019 R5.2 BC Software Parent Release
8356VCM	324	95368J	OP Update 719
8385VCM	324	95368J	Created release to fix removal of LP switch - With Bi-Metal Fan
8707VCM	324	95368J	MIL Lighting

Database, Version 323 (Release Date: 11/26/2019)

8953VCM	323	95368Y	Created release to fix Bunk Blower Shut Off problem as per deviation document EES-SE-I-6002-11-Dev Ver1.0
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Database, Version 322 (Release Date: 11/19/2019)

95368V	322		2019 R5.1 BC Software Parent Release
8949VCM	322	95368V	Fix for Cruise Switch Dropout with Load Surge

Diamond Logic Builder update to 15704 (Release Date 11/25/2019)

- Added log in enhancements



Database, Version 321 (Release Date: 10/17/2019)

95286D	321		FY 2019 BC Software R5
5683VCM	321	95286D	Release to fix liftgate timeout issue
7110VCM	321	95286D	Release to create Axle Loading with Tridem feature
7762VCM	321	95286D	HX Headlights
7999VCM	321	95286D	Created release to remap Sleeper pin to a new output
8073VCM	321	95286D	To Update Filter Rule and Solenoid multiplexer
8143VCM	321	95286D	Add-on feature to turn off DRL when vehicle speed is at or below 5mph.
8284VCM	321	95286D	This release is to change the read and write access of programmable parameter Axle_Load_Rear_Error_Offset
8285VCM	321	95286D	This is Release is to make 0595BNA feature compatible with HX by adding IP feature 0595JBA to it.
8531VCM	321	95286D	To Open up Feature 0597270 (Ammeter) to IP 0597003

Database, Version 320 (Release Date: 09/09/2019)

95286M	320		95286M : FY 2019 BC Software R4.1
8703VCM	320	95286M	To update Network Modules to send PGN 65321, 64973 and 65274 to support DVIR in Horizon

Database, Version 319 (Release Date: 08/23/2019)

95156A	319		4.4.10 Premium cluster
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Database, Version 318 (Release Date: 08/23/2019)

95095Z	318		Base Cluster 04.03.07
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Diamond Logic Builder update to 15686 (Release Date 08/23/2019)

- Added Campaign to remove 597178

Database, Version 317 (Release Date: 08/21/2019)

95239F	317		FY 2019 BC Software R4
R4_2019	317	95239F	R4_2019 Parent for R4 Releases
7308VCM	317	R4_2019	To update Filter rules for LT sleeper features and added on 0597164.
7593VCM	317	R4_2019	OP Update 618
7599VCM	317	R4_2019	OP Update 718
7873VCM	317	R4_2019	To create Electric City Horn code to transmit request status over J1939 Body Bus Network
7874VCM	317	R4_2019	To create Electric City Horn code for HZN platform to transmit request status over J1939 Body Bus Network
7875VCM	317	R4_2019	Release to transmit service door request status to N2 on body builder 250k network



DLB Change Log

7876VCM	317	R4_2019	Update PWL 595 Code(s) to transmit request status over J1939 Body Bus Network
7877VCM	317	R4_2019	Created release to update Emergency Exit Door 595 Code(s) to transmit request over J1939 Body Bus network.
7878VCM	317	R4_2019	To create Directional Turns Code to transmit request status over J1939 Body Bus Network.
7879VCM	317	R4_2019	Created release to transmit High Beam Switch Request Status over J1939 Body Bus Network
7880VCM	317	R4_2019	Release to update Park Lights 595 Code(s) to transmit request status over J1939 Body Bus Network.
7881VCM	317	R4_2019	Update Crossing Gate 595 Code(s) to transmit request status over J1939 Body Bus Network
7882VCM	317	R4_2019	Update Stop Arm 595 Code(s) to transmit request status over J1939 Body Bus Network
7892VCM	317	R4_2019	Created release to update Neutral Confirmation feature to transmit request status over J1939 Body Bus network.
7894VCM	317	R4_2019	Release to update Turn Signals 597 Code to transmit request status over J1939 Body Bus Network.
7895VCM	317	R4_2019	Release created to transmit High Beam Switch Request Status over J1939 Body Bus Network
7897VCM	317	R4_2019	Created Release to transmit Conditioned_Brake_Switch_Signal over J1939 Body Bus Network.
7899VCM	317	R4_2019	Release created to update wheelchair transmit request status over j1939 Body Bus Network.
7945VCM	317	R4_2019	Created release for HVAC removal of LP switch for LT/RH
7983VCM	317	R4_2019	Release for CE Bus version of OTA
7984VCM	317	R4_2019	Release created to update wheelchair transmit request status over j1939 Body Bus Network.
8092VCM	317	R4_2019	6XX Grid Changes for OTA
8154VCM	317	R4_2019	Updated diagnostics for load shed relay driver
8283VCM	317	R4_2019	Release to enable Cluster Trip - Idle - Fuel/Hrs Enable
8346VCM	317	R4_2019	Added 0595BDD to CRule-PWL-1-Option5-BUS for 0595BNG
8379VCM	317	R4_2019	Release to add CAL-CON teach data

Database, Version 316 (Release Date: 08/02/2019)

95239H	316		FY 2019 BC Software R3.1
8453VCM	316	95239H	Release to updated dome light features to be sheddable.
8457VCM	316	95239H	Release to add in hysteresis parameters to load shed

Database, Version 314 (Release Date: 07/02/2019)

95095N	314		FY 2019 BC SOFTWARE R3
7067VCM	314	95095N	Created release for Differential lock Three switches, Three axles
7109VCM	314	95095N	Release created for 3 Lift Axle Control features
7413VCM	314	95095N	To update combined Stop Turn feature by adding Turns Override Hazard Parameter
7529VCM	314	95095N	Release for Fuel Tank Distance to Empty feature
7595VCM	314	95095N	617 OP Update



DLB Change Log

7598VCM	314	95095N	717 OP Update
7600VCM	314	95095N	513 OP Update
7606VCM	314	95095N	Release to create Body Controller features For Gen2
7607VCM	314	95095N	Created release for new Gen4 Controller features
7608VCM	314	95095N	Created release for new Horizon Controller feature
7655VCM	314	95095N	Created release for Drain Valve Mux Software
7768VCM	314	95095N	E40 Crank Request Comms
7784VCM	314	95095N	New Feature for Autotherm
8070VCM	314	95095N	Created release to fix Pyxis 493110

Diamond Logic Builder update to 15680 (Release Date 06/26/2019)

- Added pop up message for processing Campaigns before programming

Database, Version 313 (Release Date: 05/31/2019)

95156M	313		95156M : FY 2019 BC Software R2.3
8322VCM	313	95156M	Release to revert 0597361 back to previous release VCM-5617

Diamond Logic Builder update to 15678 (Release Date 05/24/2019)

- Enhanced diagnostics
- Message regarding simulator support for ESC Kernels greater than 716.

Database, Version 312 (Release Date: 05/24/2019)

95156M	313		95156M : FY 2019 BC Software R2.3
8322VCM	313	95156M	Release to revert 0597361 back to previous release VCM-5617

Database, Version 311 (Release Date: 04/25/2019)

94933W	311		FY 2019 BC Software R2.1
6650VCM	311	94933W	Remote Start Stop fix.
7011VCM	311	94933W	Grid Control / Crank Inhibit / Key Switch Re-Architecture for "Click - No Crank", Crank Inhibit enhancements, other numerous Architectural improvements and fixes.
7014VCM	311	94933W	Created release to add N2-ELD Indicator Horizon Architecture.
7395VCM	311	94933W	Created release to update Auto SS features as per change in Grid architecture
7430VCM	311	94933W	Release for N2 OTAPM grid management/crank inhibit implementation
7594VCM	311	94933W	716 OP Update

Database, Version 310 (Release Date: 04/25/2019)

95095S	310		Stalk shifter 56 v3
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DLB Change Log

Database, Version 309 (Release Date: 04/25/2019)

95039k	309		LCM 18
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Diamond Logic Builder update to 15666 (Release Date 05/01/2019)

- In an effort to keep modules at compatible kernels, level II and III users can no longer select a single module to update. The only option is, "Update All"
- In an effort to keep modules at compatible kernels, level II and III users can no longer select a single module to program. The only option is, "Program All"
- The EULA is available in the Help menu
- The registration library has been updated
- Lift Axle 3-gauge feature is now supported

Database, Version 308 (Release Date: 04/25/2019)

95039J	308		Mux 17
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Database, Version 307 (Release Date: 04/25/2019)

CMA_OPs	307		This release contains all previous operating programs, STCs and module definitions for CMA-based modules (i.e. Aware, VSM, VID)
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Database, Version 306 (Release Date: 04/25/2019)

94889Y	306		FY 2019 BC Software R2
6680VCM	306	94889Y	Fix Allison Transmission transition issue. 597361
7096VCM	306	94889Y	Release created to update Rear HVAC Bergstrom feature when Auto Start Stop enabled 597041 597250
7409VCM	306	94889Y	Resolve issue with Wheel Chair lift timing. 595BWW
7410VCM	306	94889Y	Created release to add DLB Wig Wag for Horizon. 597448 v597449 For NGV platform this internal DLB signal provides the ability to disable the headlights wig wag. For Horizon platform this internal DLB signal provides the ability to enable the headlights wig wag.
7411VCM	306	94889Y	Headlights DLB changes. Headlight and Parklight Failsafe Handling 597077 597184 597410
7412VCM	306	94889Y	Add DLB signals for Power Door Locks. 597136 Door_UnLock_Request, Door_Lock_Request
7667VCM	306	94889Y	Created release for Separate Stop, Turns feature for USPS Tail Lights 597026 Added Turns Override parameter, 597054, 597136 added contact, 597454 TURN SIGNALS/BRAKE WITH SEPARATE STOP AND TURNS
7772VCM	306	94889Y	Updated ELC to add DLB and RKA request.

Database, Version 305 (Release Date: 03/26/2019)

95039M	305		Hyperion Fy2019-R1.1
7841VCM	305	95039M	Resolve timing issue on 0595AGX Bus Pupil Warning Lights



DLB Change Log

Database, Version 304 (Release Date: 03/04/2019)

94889W	304		BC Software R1
6653VCM	304	R1_2019	Change to beep correct alarm when Wheel Based Vehicle Speed surpasses speed threshold and to change the type of PDL_Lock_Switch_Ind_Cmd. 597025
6654VCM	304	R1_2019	To create a Power Output Signal Definition similar to SD-DO-Open-Sol_1_Gen2 to enable setting overcurrent failure SPN for 1A power outputs 597261 597262 normally open
6679VCM	304	R1_2019	Fix Snow Plow Light issues by adding Headlight_Steady_State instead of Headlight_State, Plow Lights button latching condition, fault logging scenario and Plow switch telltale activates by ELC 597301 597487
7049VCM	304	R1_2019	To create a logic for Lighting Control For Hazards and Turns using DLB 0597026 added Turns Override parameter 3347, 597136 added Hazard_Light_DLB_Req
7316VCM	304	R1_2019	Created release for Lift Axle 3 implementation both for Virtual and Aux Gauges 597400 597403
7320VCM	304	R1_2019	715 BCM Kernel Truck 12 Volt Hardware with Freescale SPC5645 microcontroller
7321VCM	304	R1_2019	616 BCM Kernel Bus 12 Volt Hardware with Freescale SPC5645 microcontroller
7322VCM	304	R1_2019	To Create new feature for Dual Cont Aux Load # 5 Switches 597447
7339VCM	304	R1_2019	To provide a 0 second park brake alarm Suspend timer 597446 requires one_of (0597003, 0597164, 0597165, 0597500, 0597552)
7341VCM	304	R1_2019	Update Park Lights control logic to add Park Light DLB request. Update Park Lights control logic to add Park Light DLB request.
7370VCM	304	R1_2019	Add Park Brake Alarm interlock Description: The Park Brake Alarm sounds/beeps if the driver turns the key off and opens the door while the park brake is not set. The alarm stops beeping if: key state changes from Key off position, alarm timer expires, Park brake set. The Park brake alarm is suspended for certain amount of time when Brake pedal is pushed.
7618VCM	304	R1_2019	To update Remote engine speed control feature for SA 0x07 597424 597425
7619VCM	304	R1_2019	Resolve issue on 597445 LANE DEPARTURE SYS {OnLane2}

Database, Version 303 (Release Date: 01/16/2019)

7370VCM	304	R1_2019	Add Park Brake Alarm interlock Description: The Park Brake Alarm sounds/beeps if the driver turns the key off and opens the door while the park brake is not set. The alarm stops beeping if: key state changes from Key off position, alarm timer expires, Park brake set. The Park brake alarm is suspended for certain amount of time when Brake pedal is pushed.
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Database, Version 302 (Release Date: 12/12/2018)

94851F	302		94851F: BC Software R6 2018
5860VCM	302	94851F	Implement Wabco OnLane2 Lane Departure Warning System {OnLane2} 597445
6203VCM	302	94851F	Add new Mirror Heat Timeout value 597006 597061 597006 597109 597388 597418 597420 Parameter 3454



DLB Change Log

6934VCM	302	94851F	GZ Transmission PRNDL and Trans Warning Light. 597430 597431 597444
7013VCM	302	94851F	Update Work Lights Parameter for Off Speed as per new requirement 597008 0597493 Parameter 2568
7026VCM	302	94851F	New PTO switch for new BCM features 597442 597443 Add new PTO Switch labeling
7069VCM	302	94851F	Add Motor Stall Diagnostics to Power Adjustable Pedal functionality 595JAJ

Database, Version 301 (Release Date: 11/06/2018)

94793N	301		Premium Cluster Software 04.04.05
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Database, Version 300 (Release Date: 11/06/2018)

94793M	300		Base Cluster 04.03.05
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Database, Version 299 (Release Date: 11/05/2018)

94865R	299		FY 2018 BC Software R5.1 for HX PTO Feedback Silverback
7390VCM	299	94865R	Created release to fix HX PTO Feedback Silverback issue.

Database, Version 298 (Release Date: 10/29/2018)

94865B	298		Initial support for automatic HVAC
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Database, Version 297 (Release Date: 10/26/2018)

94771L	297		94771L: FY 2018 BC Software R5
5735VCM	297	94771L	To create new features(6xx & 7xx) for load indication on the Durastar model with Hendrickson Primaax suspension and a single axle.
6217VCM	297	94771L	New GZ Transmission Downhill Speed Control Feature
6299VCM	297	94771L	Release to create Maneuvering Mode feature for E40 program.
6306VCM	297	94771L	Release for drive mode selection features
6445VCM	297	94771L	Created release to transmit seat belt status to engine and broadcast PGN 57344
6656VCM	297	94771L	This release is created so that the Feature 0597309 is available on the LT platform
6701VCM	297	94771L	Created release to integrate Hazard Switch for E43 program also replaced Hazard_Switch_Signal to Hazard_Switch_Signal_Msg for 0595BXS and 0597026 features
6717VCM	297	94771L	Created release for Global LT - Adapt 0597346 to allow this feature to run on LT/RH 0597003 IP Feature
6779VCM	297	94771L	Created release to transmit AC Comp status and pressure over CAN
6784VCM	297	94771L	Created release for new 0595 feature to change slope of PAM module for PSI Engines



6787VCM	297	94771L	Release created for Global LT - Adapt 0597335 to allow this feature to run on LT/RH 0597003 IP Feature
6792VCM	297	94771L	Release created for new Programmable Parameter to overwrite Engine Oil Temperature for Auto Start Stop
6826VCM	297	94771L	To create Grid control feature for non-load shed vehicles
7017VCM	297	94771L	To change the Fill Order of Filter Minder Gauge from 8005 to 8007
7022VCM	297	94771L	Addressing Pyxis concern 486991
7246VCM	297	94771L	PAM updates per new requirements

Diamond Logic Builder update to 15650 (Release Date 10/24/2018)

- Updated HVAC recovery mode to only be available when an HVAC module is not detected
- Support adjustment of the cluster volume on new models, under tools menu
- Support detection and programming of Automatic Temperature Control variants of the HVAC control head
- Support detection of additional HX cluster part numbers

Database, Version 296 (Release Date: 10/24/2018)

94865A	296		94865A: FY 2018 BC Software R4.4
7299VCM	296	94865A	714 OP Update
7333VCM	296	94865A	Application interface changes for 5th Switch Pack. (Pyxis Concern 490505)

Database, Version 295 (Release Date: 10/09/2018)

94851M	295		FY 2018 BC Software R4.3
7325VCM	295	94851M	Created release to add Adjustable Pedal Switch missing slot type

Database, Version 294 (Release Date: 09/24/2018)

94771K	294		94771K: FY 2018 BC Software R4.2
6778VCM	294	94771K	713 OP Update
7018VCM	294	94771K	Open 0597101 to MV/HV Models
7019VCM	294	94771K	Update Parklights to send SPN 2378 "Tractor Marker Light" for LCM Backlighting
7023VCM	294	94771K	This release is created to add 0597184 on E43
7035VCM	294	94771K	Release to allow feature 0595BDD to be added in the Inclusion Rule.

Diamond Logic Builder update to 15639 (Release Date 08/29/2018)

- Support new bootloader in simulator
- Support new user registration format
- Resolve switch pack issue



DLB Change Log

Database, Version 293 (Release Date: 08/23/2018)

94648N	293		Parent Release for R4 2018
6261VCM	293	94648N	To create a new feature for One Door Pod for Power Window and Power Lock using Driver Front Module
6263VCM	293	94648N	Created release for One Door Pod Heated Mirrors using Driver Front Module
6264VCM	293	94648N	To create a new feature code for One Door Pod for Power Mirrors using Driver Front Module
6301VCM	293	94648N	Release to create new Snow Valve feature for H-Bridge
6345VCM	293	94648N	Auto Headlight (New Twilight)
6398VCM	293	94648N	Auto HVAC Teach Functionality
6402VCM	293	94648N	Release created for Exhaust Brake feature to support new requirement
6403VCM	293	94648N	Created release for MWM Engine Type feature for Horizon
6416VCM	293	94648N	To create new feature for Diagnostic Command FE, SFC platform
6459VCM	293	94648N	Create a new IP for E43 program
6460VCM	293	94648N	To create Air Pressure Gauges with no Door Switch
6461VCM	293	94648N	Created release to update DLB Filter Rules for E43 required features
6472VCM	293	94648N	712 OP Update
6532VCM	293	94648N	To fix BUS PWL issue
6533VCM	293	94648N	Adding brake switch OOR fault debounce also update healing count from 20 to 40.
6546VCM	293	94648N	Created release for Differential Lock Single Switch to create new features for supported one, two and three monitors
6547VCM	293	94648N	Created release for Driver Controlled Locking Differential Monitor - 2 Switches
6591VCM	293	94648N	This release is created a new Windshield Wiper feature Without Relay Diagnostics
6592VCM	293	94648N	Created release to add 2-Speed Axle for E43 program
6673VCM	293	94648N	Created a release for Redundant Flasher Switch. Two Pyxis concern #477452 and #476202 were reported and they are addressed under 6673VCM. As 5874VCM is not released, for simplicity 5874VCM is replaced by 6673VCM. (Note that initially Samveg Shah used 5874VCM to complete the initial development).
6700VCM	293	94648N	Release created to open 0595BWR upto 0595BJU
6707VCM	293	94648N	Release created for Abigail active student detection for BUS
6777VCM	293	94648N	615 OP Update
6817VCM	293	94648N	Panel definition and panel priority updates
6896VCM	293	94648N	Update 0597425 for failsafe condition per requirement.
6897VCM	293	94648N	created release to update 0597132 and 0597133 features to support SPNs 3460 and 3461

Database, Version 292 (Release Date: 08/23/2018)

94739J	292		R4 Parent for ACC/CMS cluster alarms on Horizon cluster
6699VCM	292	94739J	Release to add default and add-on CALCON values for CMS Alerts Volume CALCON.

Database, Version 291 (Release Date: 07/13/2018)



DLB Change Log

94716R	291		Switch version 2 passenger door pod software
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Database, Version 290 (Release Date: 07/06/2018)

94583C	290		Parent Release for R3 2018
4155VCM	290	94583C	Release created to update the logic for LOWW request
5391VCM	290	94583C	Created to fix ELC to work properly with non LED headlight features and add Wig-Wag status as an additional interlock for activating/deactivating ELC
5851VCM	290	94583C	Release to create Air Suspension virtual gauge and auxiliary gauge features
5869VCM	290	94583C	Release to create Lift Axle 1 and 2 virtual gauge and auxiliary gauge features
5957VCM	290	94583C	Created release to transmit HX turn signal CAN message
6122VCM	290	94583C	Release to revise OP to 711
6136VCM	290	94583C	Release created to add Economy Monitor Tank sizes for Fuel
6142VCM	290	94583C	Release for new and enhanced Hydromax feature for MV/HV
6144VCM	290	94583C	Release for new Hydro Max feature for NGV Platform
6259VCM	290	94583C	Changes to Key Switch and Grid Control for Horizon architecture ((Pyxis 464289).
6265VCM	290	94583C	Release created to update load shed messages for 500k NGV platform
6368VCM	290	94583C	Created Release to enable BCM teach data bit for displaying message about Engine Throttle
6397VCM	290	94583C	OP update for 614 kernel
6474VCM	290	94583C	Release created to add Economy Monitor Tank sizes for DEF
6545VCM	290	94583C	To fix engine retarder from forcing the brake lights off
6825VCM	290	94583C	Release to open 0595BDC with IP 0595BJH and 0595BBU.
6846VCM	290	94583C	New Feature to support Super Products Request (Engine PTO and Trans PTO)

Database, Version 289 (Release Date: 07/05/2018)

94672G	289		R2.3 Auto Start Stop Hyperion Release
6790VCM	289	94672G	Click No Crank update for Horizon Auto SS

Database, Version 288 (Release Date: 06/13/2018)

94672E	288		FY18 R2.2 - Auto Neutral
6534VCM	288	94672E	Release to open the Auto Neutral features for LT.

Database, Version 287 (Release Date: 06/06/2018)

94648P	287		Door pod 2.0
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Database, Version 286 (Release Date: 05/14/2018)

94627C	286		Base Cluster 04.03.03
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DLB Change Log

Database, Version 285 (Release Date: 05/09/2018)

94605S	285		Door Pod 1.9
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Diamond Logic Builder update to 15633 (Release date 05/03/2018)

- Support HX odometer programming;
- Support programming clusters @ 250K
- Support door pod module update programming
- Support Predictive Cruise Control module update programming
- Correct Body Controller connector numbering for J6 (1606) and J7 (1607)

Database, Version 284 (Release Date: 04/30/2018)

94472P	284		94472P 2018 R2 Master Parent Release
4628VCM	284	94472P	Release for creating new feature similar to 0595ALK AUXILIARY TRANS
5002VCM	284	94472P	Created release to update 0597013 feature as per EES-SE-I-5011-02
5688VCM	284	94472P	Created release to open remaining signals for Ladder Logic.
5830VCM	284	94472P	Create new feature for Message Waiting Warning Lamp
5878VCM	284	94472P	Created release to replace HVAC_High_SuperHeat_Temp_Threshold and HVAC_Low_SuperHeat_Temp_Threshold parameter values from 75C to 62C
5959VCM	284	94472P	Release created to update Healing count for feature 0597319
6063VCM	284	94472P	Release to add new feature for Adjustable pedal
6143VCM	284	94472P	To create a feature similar as 0595AEV for MV/HV
6158VCM	284	94472P	Created release to support 0597276, 0597306 feature for LT/LS platform
6324VCM	284	94472P	Release to add new PV to update the Compressor ON Time from 7 sec to 1 sec. This change is limited to 0597058,0597168 and 0597387 but not to Gen2/Gen4 features.

Database, Version 283 (Release Date: 04/27/2018)

94566M	283		R2.1 94566M has been pulled for R2.1, planned E Date of 4/25/2018.
6300VCM	283	94566M	Release created to open Allison 3K/4K feature for LT platform
6370VCM	283	94566M	Release to address Pyxis concern 469134 for Remote SS
6437VCM	283	94566M	To create a new feature to remap the LED Headlight Parklight Output from HBridge to 10A19

Database, Version 282 (Release Date: 04/23/2018)

94605E	282		Base cluster 4.03.02
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Database, Version 281 (Release Date: 03/23/2018)

94605B	281		Hyperion Component Data FY18R5
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Database, Version 280 (Release Date: 03/23/2018)



94472N	280		94472N 2018 R1.1
6064VCM	280	94472N	Update Coolant Temperature gauge to change Alarm delay time
6169VCM	280	94472N	Create a new feature with single door pod with passenger side door pod replacing the driver side door pod.
6213VCM	280	94472N	Key Switch and Grid Control Key Switch Fault Handling and Fault Logging changes (Pyxis 464289).
6219VCM	280	94472N	Release to update OP to 613
6357VCM	280	94472N	Release to change pin from DIN 17 to DIN 18 for SAAR Brake

Diamond Logic Builder 15622 (Release Date: 03/21/2018)

- Correct several missing gauge cluster images, in Cluster view
- Correct several incorrect gauge cluster indicators, in Cluster view
- Enhanced programming timing
- Tricolor Switch enhancements
- Clear DTC's from Switch-Pack, LCM and Door Pods at the end of Module programming

Database, Version 277 (Release Date: 03/18/2018)

Database, Version 276 (Release Date: 03/08/2018)

Database, Version 275 (Release Date: 02/23/2018)

Diamond Logic Builder 15611 (Release Date: 02/19/2018)

- Resolve graphic issues for Gasoline and Propane Bus Fuel Gauge and Seat Belt indicator
- Enhanced Odometer programming to prevent Odometer value from changing after it has been set
- HVAC module flashing included in 'Update All' procedure
- Add color options to LT, RH, HV and MV switches during diagnostics
- Resolve graphic issues for brake air indicator, snow valve, aux voltage gauge, and RPM graphics

Database Version 272 (Release Date: 01/21/2018)

Database Version 271 (Release Date: 12/30/2017)

Diamond Logic Builder 15601 (Release Date: 12/14/2017)

- Resolve issue with the cruise indicator and battery warning lights with the LT Base Cluster

Diamond Logic Builder 15596 (Release Date: 12/4/2017)

- Force a reteach sequence after flashing Horizon cluster

Diamond Logic Builder 15595 (Release Date: 11/28/2017)

- Support programming of the HVAC module
- Support DTC clearing of the HVAC module
- Improve programming speeds for HMI modules
- Improve programming status bar progress to better reflect overall progress



Diamond Logic Builder 15584 (Release Date: 08/25/2017)

- Reduce DTCs setting, when connecting to vehicle, with the key **ON**
- Additional graphics added for LT trucks

Diamond Logic Builder 15581 (Release Date: 06/22/2017)

- Resolved Body Controller, Real Time Clock offset, issue with Kernel 706.
- Resolved issue with displaying multiple Switch Pack modules under 'Detected Modules'
- Updated programming support for Switch Packs, Stalk Shifter, Cluster, and Light Control Module updates

Diamond Logic Builder 15577 (Release Date: 05/11/2017)

- Updated branding and DLB Icon
- Added link to change log site, from the help menu
- Added support for stalk shifter firmware updating
- Added support for additional warning lights on gen 2 cluster

Diamond Logic Builder Version 15573 (Release Date: 04/23/2017)

- Provides support for Horizon cluster diagnostics, mileage programming, and firmware updates
- Provides support for stalk shifter firmware updates
- Resolves simulator issues for 500K vehicles
- Resolves pin map naming issues
- Improves module detection and connection time

Diamond Logic Builder Version 15520 (Release Date: 1/5/2016)

Software Enhancements

- Added labeling for new hardware associated with the Gen 4 Body Controller

Diamond Logic Builder Version 15519 (Release Date: 8/25/2015)

Software Enhancements

- Added 500K Emulator

Diamond Logic Builder Version 15518 (Release Date: 7/08/2015)

Software Fixes

- Resolved java null error on vehicles with VIS/VID

Diamond Logic Builder Version 15506 (Release Date: 4/6/2015)

Starting with Diamond Logic Builder version 15506, DLB includes a built-in version of Webstart.

Software Fixes

- Signal Data Measurement
- Signal Recording closer to real time
- Cursor skip in Advanced Logic
- Interface cable icon and status message displayed.
- E-Fix, Support movement of physical items (Switches, Gauges, etc.)
- Graph Point Update Software Enhancements
- Diagnostics support for 250K and 500K



- Supports Gen4 VCM module (Program 748 Phase I launch)
- Built in webstart feature (no longer relies on Java webstart)
- Capture Java log

NOTE: After installation of version 15506, you **MUST RE-SELECT YOUR INTERFACE CABLE** from Tools > Select Com Link

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