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Service Action Basic Information - Please fill out the “Issue information” tab with the most information you can get.



To be filled by D&R

Affected ECU

BCM

☐ Coordination with PCM required

☐ Requires OTA Flags

☒ Special programming required

☐ Default Service Action

 Go Further

Symptom Description

New BMS-Battery to enable failed/open 12V battery detection which inhibits Stop/Start and Smart Regen Charging. This reduces the risk of an engine stall due to loss of motive power.

Failure Root Cause

12V Enhanced Flooded Battery (EFB) failing unexpectedly "in-flight" in hot temperature states

D&R Engineer

Jason Baker (jbake263)

Supplier Company

Bosch

Supplier contact

KELLI BOLDEN 1(248)444-2016

Vehicle program(s) / MY

CX430 21-24MY

Vehicle variant(s)

All

Region (s)

All

M2 Template (Y/N)

N

Bridging (Y/N)

N

To be filled by PCE

Service Bulletin Request Type

Product Concern Engineer

Service Action Type

Global Concern Number

| QUICK REFERENCE                | Notes:                                                                                                                                                                |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Service Actions Request Type   | * If the Checkbox "Coordination with PCM required" is selected please contact the PCM team to identify the Part numbers involved and required during the coordination |
| SSM Special Service Message    |                                                                                                                                                                       |
| SBD Symptom Based Diagnostic   |                                                                                                                                                                       |
| FSA Field Service Action       |                                                                                                                                                                       |
| TSB Technical Service Bulletin |                                                                                                                                                                       |

Service Action Number

| Module BCM |
|------------|
| MY PROGRAM |

|                           | Replaced         | Replaced         |
|---------------------------|------------------|------------------|
| F113 - Assembly           | LU5T-14B476-BJB  | LU5T-14B476-BJC  |
| F111 - Core Assembly      | LU5T-14F141-BCA  | LU5T-14F141-BCA  |
| F188/F120 - Strategy      | LU5T-14C184-ACH  | LU5T-14C184-ACH  |
| F10x, F16x, F17x - Config | M1PT-14C636-ACD  | M1PT-14C636-ACE  |
|                           | M1PT-14F390-ACF  | M1PT-14F390-ACF  |
|                           | LX6T-14G163-ACB  | LX6T-14G163-ACB  |
|                           | LU5T-14G162-BDA  | LU5T-14G162-BDA  |
|                           | M1PT-14F389-ACE  | M1PT-14F389-ACE  |
|                           | M1PT-14G570-ACB  | M1PT-14G570-ACB  |
|                           | LU5T-14F391-ACA  | LU5T-14F391-ACA  |
| F110 - Part II Spec       | DSL5T-14B476-ACJ | DSL5T-14B476-ACJ |

RASG0003106,B

| Replacement      |              |
|------------------|--------------|
| LU5T-14B476-BJC  |              |
| LU5T-14F141-BCA  |              |
| LU5T-14C184-ACH  | ACT0043589,A |
| M1PT-14C636-ACE  | ACT0043581,A |
| M1PT-14F390-ACG  | ACT0043582   |
| LX6T-14G163-ACB  | ACT0043583,A |
| LU5T-14G162-BDA  | ACT0043588,A |
| M1PT-14F389-ACE  | ACT0043585,A |
| M1PT-14G570-ACB  | ACT0043586,A |
| LU5T-14F391-ACA  | ACT0043587,A |
| DSL5T-14B476-ACJ |              |

|                           | Replaced         |
|---------------------------|------------------|
| F113 - Assembly           | LU5T-14B476-CJC  |
| F111 - Core Assembly      | LU5T-14F141-CCA  |
| F188/F120 - Strategy      | LU5T-14C184-ACH  |
| F10x, F16x, F17x - Config | M1PT-14C636-ACE  |
|                           | M1PT-14F390-ACF  |
|                           | LX6T-14G163-ACB  |
|                           | LU5T-14G162-CDA  |
|                           | M1PT-14F389-ACE  |
|                           | M1PT-14G570-ACB  |
|                           | LU5T-14F391-ACA  |
| F110 - Part II Spec       | DSL5T-14B476-ACJ |

Replacement

|                  |              |
|------------------|--------------|
| LU5T-14B476-CJC  |              |
| LU5T-14F141-CCA  |              |
| LU5T-14C184-ACH  |              |
| M1PT-14C636-ACE  | ACT0043581,A |
| M1PT-14F390-ACG  | ACT0043582   |
| LX6T-14G163-ACB  | ACT0043583,A |
| LU5T-14G162-BDA  | ACT0043588,A |
| M1PT-14F389-ACE  | ACT0043585,A |
| M1PT-14G570-ACB  | ACT0043586,A |
| LU5T-14F391-ACA  | ACT0043587,A |
| DSL5T-14B476-ACJ |              |

|                           | Replaced         | Replaced         |
|---------------------------|------------------|------------------|
| F113 - Assembly           | LU5T-14B476-FJB  | LU5T-14B476-FJC  |
| F111 - Core Assembly      | LU5T-14F141-FCA  | LU5T-14F141-FCA  |
| F188/F120 - Strategy      | LU5T-14C184-ACH  | LU5T-14C184-ACH  |
| F10x, F16x, F17x - Config | M1PT-14C636-ACD  | M1PT-14C636-ACE  |
|                           | M1PT-14F390-ACF  | M1PT-14F390-ACF  |
|                           | LX6T-14G163-ACB  | LX6T-14G163-ACB  |
|                           | LU5T-14G162-BDA  | LU5T-14G162-BDA  |
|                           | M1PT-14F389-ACE  | M1PT-14F389-ACE  |
|                           | M1PT-14G570-ACB  | M1PT-14G570-ACB  |
|                           | LU5T-14F391-ACA  | LU5T-14F391-ACA  |
| F110 - Part II Spec       | DSL5T-14B476-ACJ | DSL5T-14B476-ACJ |

RASG0003108

| Replacement      |              |
|------------------|--------------|
| LU5T-14B476-FJC  |              |
| LU5T-14F141-FCA  |              |
| LU5T-14C184-ACH  | ACT0043589,A |
| M1PT-14C636-ACE  | ACT0043581,A |
| M1PT-14F390-ACG  | ACT0043582   |
| LX6T-14G163-ACB  | ACT0043583,A |
| LU5T-14G162-BDA  | ACT0043588,A |
| M1PT-14F389-ACE  | ACT0043585,A |
| M1PT-14G570-ACB  | ACT0043586,A |
| LU5T-14F391-ACA  | ACT0043587,A |
| DSL5T-14B476-ACJ |              |

|                           | Replaced         | Replaced         |
|---------------------------|------------------|------------------|
| F113 - Assembly           | LU5T-14B476-HJB  | LU5T-14B476-HJC  |
| F111 - Core Assembly      | LU5T-14F141-HCA  | LU5T-14F141-HCA  |
| F188/F120 - Strategy      | LU5T-14C184-ACH  | LU5T-14C184-ACH  |
| F10x, F16x, F17x - Config | M1PT-14C636-ACD  | M1PT-14C636-ACE  |
|                           | M1PT-14F390-ACF  | M1PT-14F390-ACF  |
|                           | LX6T-14G163-ACB  | LX6T-14G163-ACB  |
|                           | LU5T-14G162-BDA  | LU5T-14G162-BDA  |
|                           | M1PT-14F389-ACE  | M1PT-14F389-ACE  |
|                           | M1PT-14G570-ACB  | M1PT-14G570-ACB  |
|                           | LU5T-14F391-ACA  | LU5T-14F391-ACA  |
| F110 - Part II Spec       | DSL5T-14B476-ACJ | DSL5T-14B476-ACJ |

Replacement

|                  |              |
|------------------|--------------|
| LU5T-14B476-HJC  |              |
| LU5T-14F141-HCA  |              |
| LU5T-14C184-ACH  | ACT0043589,A |
| M1PT-14C636-ACE  | ACT0043581,A |
| M1PT-14F390-ACG  | ACT0043582   |
| LX6T-14G163-ACB  | ACT0043583,A |
| LU5T-14G162-BDA  | ACT0043588,A |
| M1PT-14F389-ACE  | ACT0043585,A |
| M1PT-14G570-ACB  | ACT0043586,A |
| LU5T-14F391-ACA  | ACT0043587,A |
| DSL5T-14B476-ACJ |              |

## M2 Template

**INHALE / EXHALE or Add -**

This field denotes whether the source data will be inhaled from an existing DID or added manually

If the value is Y, the system is expecting an INHALE command in the Value field

For example, target DID = 0xDE00, target byte = 2, target bit range "7-0",... source byte = 1, source bit range = "7-0", value = INHALE 0xDE01

This command will copy the first byte from DE01 and place the value in the second byte for DID DE00.

Note: Byte/Bit ranges must be the same size between Target and Source

Note: Any changes already made to DID DE01 will be included prior to the copy

If the value is N, the system will use the provided value in the Value field and INHALE command cannot be used.

[illegible]

Please fill out the mandatory fields

