



Service Bulletin

03-070

Section

Instruments/Gauges - 03

Description

Certain Peterbilt vehicles equipped with MX-11 or MX-13 display a Service Advised message reading: Service advised – Repair Fault at Convenient Time.

Release Date

3/8/2019

Introduction

Peterbilt has determined that certain vehicles manufactured with an MX-11 or MX-13 engine from 11/30/2015 through 07/18/2016 may display a message in the Service Advised display after updating the CI software. The message reads: Service advised – Repair Fault at Convenient Time. The Warnings and Faults display may also indicate there are no warnings.

Resolution

FIX-AS-FAIL

If a customer comes into your dealership and demonstrates the condition above, use the procedure below to correctly set the parameter called VSCP – Variable Speed Coolant Pump Enabled (only MX 201 Beyond).

Warranty

Through Standard Warranty (includes Extended Warranty), though the repairs may be superseded by future software enhancement bulletins, Peterbilt will pay for labor:

- 0.3 hours labor for software update. Use Quick Claim Code 03-070
 - This Service Bulletin addresses an issue that can occur if the CECU software was updated prior to the publishing of Service Bulletin 03-067. In the event Kenworth receives a claim for bulletin after a claim for 03-067 has already been performed, the 03-070 claim will be rejected. It is incumbent on the servicing dealer to ascertain whether the related repair was previously completed.
- File an additional claim for extraordinary circumstances, referencing 03070 in the CCC. A quick claim for standard labor must be filed first.

| For Field... | Enter... |
|------------------|--------------------------------------------------------|
| Failure Location | 045-021-796 |
| Failure Type | 700 |
| Claim Type | C |
| Responsibility | 09 |
| SRT 045-066 | 0.3 hours to reflash the CECU or update ESA Parameters |

Procedure

1. Confirm the instrument cluster message center displays the "Service advised Repair fault at convenient time" message after updating the CECU software.





2. Ensure ESA is up-to-date.
3. Connect ESA.
4. Confirm the error message below is present. It will be Active if the engine is running or Inactive if the engine is not running.

All (1) CECU3 (1) HVAC (0)

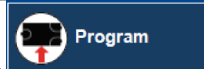
Clear All DTCs

| Source | Code | Status | Description | Count |
|--------|--------|--------|-------------------------------------------------------------|-------|
| CECU3 | 135103 | Active | Pressure Sensor on Air Dryer has Input Voltage Above Normal | 2 |

All (1) CECU3 (1) HVAC (0)

Clear All DTCs

| Source | Code | Status | Description | Count |
|--------|--------|----------|-------------------------------------------------------------|-------|
| CECU3 | 135103 | Inactive | Pressure Sensor on Air Dryer has Input Voltage Above Normal | 1 |



5. Click the **Program** button in ESA to display the parameter files.
6. Scroll down to the *VSCP – Variable Speed Coolant Pump Enabled (Only MX 2017 and Beyond)* or *Variable Speed Water Pump Enable*, and *VSCP – Pressure Sensor Installed* parameter, as listed for model type in the tables below. The parameters are located near the bottom of the list.

NOTE
The Engine Model Year (EMY) is displayed in the campaign field for each chassis in SIR

| Engine Model Year | VSCP – Variable Speed Coolant Pump Enabled (Only MX 2017 and Beyond) Parameter | VSCP - Pressure Sensor Installed Parameter |
|-------------------|--------------------------------------------------------------------------------|--------------------------------------------|
| MY2016 and older | Disable | Disable |
| MY2017 | Enabled | Enabled |
| MY2018 and newer | Enable | Disable |

7. Set the parameters above as listed in the appropriate table.
8. Click the **Program** button in ESA to upload the parameter file.
9. Clear the CECU3 DTCs.
10. After the update is complete, start the engine. The "repair fault at convenient time" message should no longer be present in the *Service Advised* screen of the instrument cluster message center and 135103 should no longer be present.

Authored by: PR

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Technical Information Bulletin

03-070



Section

Instruments/Gauges - 03

Subject

Service Advised - Repair Fault at Convenient Time

Release Date

3/8/2019

Condition

PACCAR chassis with MY2015 and 2016 MX-11 or MX-13 engines may display a "Service Advised - Repair Fault at Convenient Time" message in the Service Advised display **after** updating the CECU software. Warnings & Faults display may also indicate there are no warnings.

Chassis Affected

T680, T880, T660, T800, W900, 963, C500 chassis built from 11/30/2015 through 07/18/2016 with PACCAR MX-11/13 engines.

Action

FIX-AS-FAIL

If a customer comes into your dealership and demonstrates the condition above, use the procedure below to correctly set the VSCP – Variable Speed Coolant Pump Enabled (Only MX 2017 and Beyond) or Variable Speed Water Pump Enable and VSCP – Pressure Sensor Installed parameters.

Warranty

Through Standard Warranty (includes Extended Warranty) though the repair instructions may be superseded by future software enhancement bulletins. Kenworth will pay for labor:

- 0.3 hours labor for software update. Use Quick Claim Code 03-070.
 - This Service Bulletin addresses an issue that can occur if the CECU software was update prior to the publishing of Service Bulletin [03-067](#). In the event Kenworth receives a claim for bulletin 03-070 after a claim for bulletin 03-067 has already been performed, the 03-070 claim may be rejected. It is incumbent on the servicing dealer to ascertain whether the related repair was previously complete.
 - File an additional claim for extraordinary circumstances. A quick claim for standard labor must be filed first.

Take-Off Parts Disposition: N/A

| CLAIM CODING | | | |
|-------------------|-----------------------------------------------------------------|----------------------|----|
| Failure Location: | 003-001-082 | Work Accomplished: | 58 |
| Failure Type: | 363 | Responsibility Code: | 01 |
| SRT Code: | 045-066 0.3 hrs. Reflash CECU or Update ESA parameters | Claim Type: | C |

Procedure

1. Confirm the instrument cluster message center displays the "Service advised Repair fault at convenient time" message after updating the CECU software.



2. Ensure ESA is up-to-date.
3. Connect ESA.
4. Confirm the error message below is present. It will be Active if the engine is running or Inactive if the engine is not running.

All (1) CECU3 (1) HVAC (0)

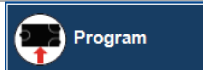
Clear All DTCs

| Source | Code | Status | Description | Count | Det |
|--------|--------|--------|-------------------------------------------------------------|-------|-----|
| CECU3 | 135103 | Active | Pressure Sensor on Air Dryer has Input Voltage Above Normal | 2 | |

All (1) CECU3 (1) HVAC (0)

Clear All DTCs

| Source | Code | Status | Description | Count | Det |
|--------|--------|----------|-------------------------------------------------------------|-------|-----|
| CECU3 | 135103 | Inactive | Pressure Sensor on Air Dryer has Input Voltage Above Normal | 1 | |



5. Click the **Program** button in ESA to display the parameter files.
6. Scroll down to and set the *VSCP – Variable Speed Coolant Pump Enabled (Only MX 2017 and Beyond)* or *Variable Speed Water Pump Enable* and *VSCP – Pressure Sensor Installed* parameters as listed in the Engine Model Year in the tables below. The parameters are located near the bottom of the list.

NOTE
For Engine Model Year 2016 and many 2017s, the Engine Model Year (EMY) is displayed in the campaign field for each chassis in SIR.

| Engine Model Year | VSCP – Variable Speed Coolant Pump Enabled (Only MX 2017 and Beyond) Parameter | VSCP - Pressure Sensor Installed Parameter |
|-------------------|--------------------------------------------------------------------------------|--------------------------------------------|
| MY2016 and older | Disable | Disable |
| MY2017 | Enabled | Enabled |
| MY2018 and newer | Enable | Disable |

7. Set the parameters above as listed in the appropriate table.
8. Click the **Program** button in ESA to upload the parameter file.
9. Clear the CECU3 DTCs.
10. After the update is complete, start the engine. The "repair fault at convenient time" message should no longer be present in the *Service Advised* screen of the instrument cluster message center and Code 135103 should no longer be present.

Authored by: OF

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