



Technical Information Bulletin

03-072



Section

Instruments/Gauges - 03

Subject

Medium Duty Chassis Cruise Control Inoperative after installing P30-1030-118 Software

Release Date

2/20/2020

Condition

The cruise control may be inoperative after installing CECU software version P30-1030-118.

Chassis Affected

T170, T270, and T370 that receive the P30-1030-118 software update. Chassis built with the P30-1030-118 after 01/20/2020 are not affected.

Action

Fix-As-Fail

If it is necessary to install P30-1020-118 into an affected chassis, first check WebECAT to determine whether the installation may affect cruise control feature (see Procedure below).

This bulletin will be updated when a software update correcting the cruise control issue is available.

Warranty

Through Standard Warranty or any applicable active Extended Warranty, Kenworth will pay for parts at dealer net plus applicable mark-up and labor:

- 1.4 hrs. labor to install the pressure sensor (003-055), update the ESA parameter (045-066), verify the CC input (045-XXX), and test drive to verify cruise control operation (003-XXX). File a long form claim.

Take-Off Parts Disposition: N/A

CLAIM CODING			
Failure Location:	003-001-082	Work Accomplished:	05

Failure Type:	363	Responsibility Code:	01
SRT Code:	003-055 0.4 hrs. Install pressure sensor 045-066 0.3 hrs. Set parameters with ESA. 045-XXX 0.2 hrs. Connect with INSITE and verify CC input 003-XXX 0.5 hrs. Test drive to verify CC operation	Claim Type:	N/E

Parts

Parts are available from PACCAR Parts.

Chassis built before 03/27/2018

Quantity	Part Number	Description
1	Q21-1040	Air Pressure Sensor- 1/4 in.

Chassis built on or after 03/27/2018

Quantity	Part Number	Description
1	6CP3-10SVC	Air Pressure Sensor- 3/8 in.

Procedure

Check WebECAT to determine whether P30-1030-118 software may affect the vehicle's cruise control

- In WebECAT, search for "application pressure."
 - If the result is shows **AIR APPLICATION GAUGE – DISABLED**, then there is a high likelihood that the procedure below will resolve the issue. Continue to the repair procedure below.
 - If the result is **AIR APPLICATION GAUGE – ENABLED**, then this bulletin is not applicable. Continue with normal troubleshooting.

OUTSIDE VIEW

[BOM Index](#) [Diagrams](#) [Detail](#) [Frame](#) [Chassis Print](#)
(1 records found)

☒ **3Q20-S07-HAD BRAKE APPLICATION PRESSURE GAUGE**

[PickList](#) [P & A](#) [TCS 365](#) [KB](#)

[BRAKE APPLICATION PRESSURE GAUGE](#)

[PARAMETER-CECU-BRAKE APPLICATION](#)

[AIR APPLICATION GAUGE-DISABLED](#)

☐ **Q30-1024-027000000** **E** NM4 PARA BRK APP OFF 1

Repair procedure

1. Locate the Service Brake Pressure switch behind the dash. Refer to the attached Reference Drawing.
2. Identify the tee fitting in the service brake application pressure switch and install the appropriate air pressure sensor in the available port in the tee fitting adjacent to the service brake switch.
3. Locate connector J026 of the Instrument Panel harness, and connect to the Air Pressure Sensor. The connector is circled in Reference page 7 of P94-1908.
4. Connect to the vehicle with ESA Diagnostic Tool, and set parameter Brake Applied Pressure Sensor Installed = ENABLED.

Brake Applied Pressure Gauge Installed	Disable	Standard Gauge
 Brake Applied Pressure Sensor Installed	Enable	Drivetrain
Brake Type	Air Brake	Drivetrain

5. Disconnect from ESA.
6. Verify Cruise Control functionality has returned to desired level and that Drive Display messaging for Cruise rationality validation is normal.
 - a. Connect to Engine ECM with Cummins INSITE.
 - With the Vehicle Park Brake engaged, turn Cruise Control Switch to ON, and verify ECM identifies CC=ON.
 - Disengage the Vehicle Park Brake and verify CC remains =ON.
 - b. Disconnect from INSITE.
7. Test Drive to validate Cruise Control Set/Resume functionality.

Attachments

 [Reference Cab Air Piping Drawing](#)

 [Reference Page 7 of P94-1908](#)

Authored by: OF

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