

T013 PACCAR TX-8 Cruise Control Faults

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Number

T013

Section

Transmission - 26

Subject

PACCAR TX-8 Cruise Control Faults

Date

7/27/2022

Chassis Affected

Model year 2021 and newer 535, 536, 537, and 548 chassis equipped with PACCAR TX-8 transmission without cruise control.

Action

Information Only

Use this information to determine if fault codes 86-2 and 595-2 can be ignored or require troubleshooting. Affected chassis can be released if these are the only faults active.

Background

On certain TX-8 transmissions without cruise control (or cruise control disabled), fault codes 86-2 (CAN communication – Message CCVS1 signal not available or incorrect – Cruise Control Set Speed – from VECU) and 595-2 (CAN communication – Message CCVS1 signal not available or incorrect – Cruise Control Active – from VECU) may set due to the transmission software expecting signals from the cruise control. These fault codes are only visible using DAVIE4 or Cummins INSITE™ and do not affect the transmission operation. Vehicles can be operated normally with the fault codes active. No dash lights, warnings, or operation problems will be caused by these fault codes.

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

1. Determine if the vehicle is equipped with cruise control.
 - In Cummins INSITE™, navigate to "Features and Parameters" and verify the status of Cruise Control parameter.

 Cruise Control	Enable
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2. If vehicle is NOT equipped with cruise control or cruise control is Disabled, notify driver that fault codes 86-2 and 595-2 may be active and can be ignored.

3. If vehicle IS equipped with cruise control and cruise control is Enabled, troubleshoot faults as necessary.

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Number

T013

Description

PACCAR TX-8 Cruise Control Faults

Section

Transmission - 26

Subject

PACCAR TX-8 Cruise Control Faults

Date

7/27/2022

Condition

Affected chassis without cruise control enabled may have active fault codes 86-2 and 595-2.

Chassis Affected

Model year 2021 and newer T180, T280, T380, and T480 chassis equipped with PACCAR TX-8 transmission without cruise control.

Action

Information Only

Use this information to determine if fault codes 86-2 and 595-2 can be ignored or require troubleshooting. Affected chassis can be released if these are the only faults active.

Background

On certain TX-8 transmissions without cruise control (or cruise control disabled), fault codes 86-2 (CAN communication – Message CCVS1 signal not available or incorrect – Cruise Control Set Speed – from VECU)

and 595-2 (CAN communication – Message CCVS1 signal not available or incorrect – Cruise Control Active – from VECU) may set due to the transmission software expecting signals from the cruise control. These fault codes are only visible using DAVIE4 or Cummins INSITE™ and do not affect the transmission operation. Vehicles can be operated normally with the fault codes active. No dash lights, warnings, or operation problems will be caused by these fault codes.

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

1. Determine if the vehicle is equipped with cruise control.
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 Cruise Control	Enable
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2. If vehicle is NOT equipped with cruise control or cruise control is Disabled, notify driver that fault codes 86-2 and 595-2 may be active and can be ignored.
3. If vehicle IS equipped with cruise control and cruise control is Enabled, troubleshoot faults as necessary.

Authored by: JB3