



Countries: CANADA, UNITED STATES, MEXICO
Availability: ISIS, NotSIR
Major System: BRAKES
Current Language: English
Other Languages: NONE
Viewed: 503

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Created: 3/14/2018
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Coding Information

| | | | | | | | |
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Title: Wabco OnGuard Software Update

Applies To: 500k Units with Wabco OnGuard with Cummins Engines built before 9-24-2018.

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

10/2/2018 - Update build breaks and software links
 04/17/2018 - Initial Article Release

DESCRIPTION

This document will provide the user with information on updating the Wabco OnGuard system software.

This software update only applies to 500K OnGuard systems with Cummins engines built before 9/24/2018.

The software update is only intended to reduce potential false occurrences of the collision mitigation system alerts and interventions and does not correct any DTCs or manufacture defects.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

| DTC/Light | Description |
|----------------|-------------|
| Not applicable | |

Customer Observations or Concerns:

Potential false occurrences of collision mitigation system following distance audible and visual alerts.

Potential false occurrences of collision mitigation system interventions including audible and visual alert, engine derate, engine brake activation, and foundation brake application.

Note: This software update dose not correct any fault codes, if faults are present they must be diagnosed and the system reevaluated.

SPECIAL TOOL(s) / SOFTWARE

| Tool Description | Tool Number | Comments | Instructions |
|------------------------|-------------|-------------------------|--------------|
| EST | | Electronic Service Tool | |
| Wabco TOOLBOX Software | | Version 12.5 or high | |

SERVICE PARTS INFORMATION

| Kit Description | Part Number | Quantity Required | Notes |
|-----------------|-------------|-------------------|-------|
| Not applicable | | | |

DIAGNOSTIC STEP(s)

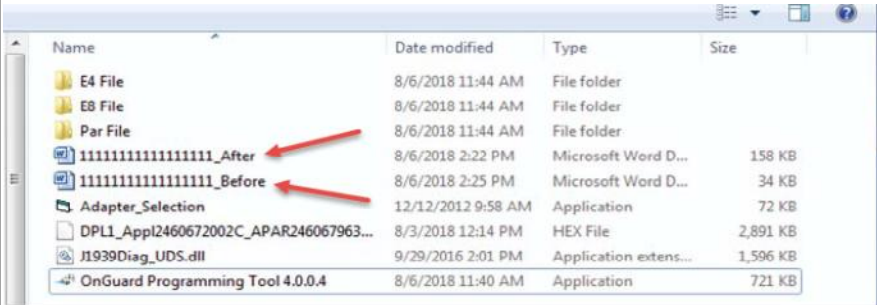
| |
|--|
|  WARNING: |
| <p>To prevent serious eye injury, always wear safe eye protection when you perform vehicle maintenance or service.</p> |

| Step | Action | Decision |
|------|---|---|
| 1 | <p>DIAGNOSTIC:</p> <p>Are there any active faults in the OnGuard system?</p> | <p>Yes. Diagnose these faults and retest for the customer complaint.</p> <hr/> <p>No. Go to Step 2.</p> |
| 2 | <p>DIAGNOSTIC:</p> | <p>Yes. Repair the bumper as needed and perform radar alignment per the</p> |

| | |
|---|--|
| <p>Check the forward radar for any alignment faults and/or bumper damage.</p> | <p>OnGuard Manual MM-1306 and retest for the customer complaint.</p> <p>No. Please proceed to step 3.</p> |
|---|--|

Is the bumper damaged and or radar in need of an alignment?

| Step | Action | Decision |
|------|--|---|
| 3 | <p>DIAGNOSTIC:</p> <p>Using the current version of Wabco ToolBox, check the radars' part number.</p> <p>Radar Part Numbers</p> <p>Before Programming 400 871 611 0 - Cummins Manual 400 871 621 0 - Cummins AMT 400 871 631 0 - Cummins Allison TC10</p> <p>After Programming 400 871 612 0 - Cummins Manual 400 871 622 0 - Cummins AMT 400 871 632 0 - Cummins Allison TC10</p> <p>Is the part number listed under the before programming?</p> | <p>Yes. Refer to Wabco Technical Bulletin TP-18029 and to www.Wabco-na.com for how to update the Wabco OnGuard software to version ECR 2.3 Then proceed to step 4.</p> <p>No. Follow IK2500511 and create a report for the radar and the ABS module, then open a tech service case file and attach the reports.</p> |

| Step | Action | Decision |
|------|--|--|
| 4 | <p>DIAGNOSTIC:</p> <p>After the radar has been successfully programmed, email the saved "Before" and "After" parameter files to WNAtoolbox@wabco-auto.com. The parameter files will be located in the "OnGuardACTIVE™ ECR 2.3 Update Tool" folder, the same folder as the OnGuardACTIVE™ Programming Tool 4.0.0.4 software. The .par files will have the VIN as the filename. The two .par files generated by this application will be named VIN_BEFORE.par and VIN_AFTER.par.</p>  <p>Email these two parameter files to WNAtoolbox@wabco-auto.com. Please enter "ECR2.3N" followed by the VIN in the subject line of the email message.</p> | <p>Once completed clear the faults and return the vehicle to service.</p> |

REPAIR STEP(s)

Refer to Wabco Technical Bulletin [TP-18029](#) and to www.Wabco-na.com for how to update the Wabco OnGuard software to version ECR 2.3.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

www.Wabco-na.com

[OnGuardActive ECR 2.3 Download](#)

[Wabco OnGuard Maintenance Manual MM-1306](#)

[OnGuard Active Operations Manual](#)

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Feedback Information

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