

WABCO

Technical Bulletin

Update to Turn on TSC1 Heartbeat in E8-version ABS ECUs Using TOOLWrench™ 3.17

Hazard Alert Messages

Read and observe all Warning and Caution hazard alert messages in this publication. They provide information that can help prevent serious personal injury, damage to components, or both.

WARNING

To prevent serious eye injury, always wear safe eye protection when you perform vehicle maintenance or service.

Park the vehicle on a level surface. Block the wheels to prevent the vehicle from moving. Support the vehicle with safety stands. Do not work under a vehicle supported only by jacks. Jacks can slip and fall over. Serious personal injury and damage to components can result.

How to Obtain Additional Maintenance, Service and Product Information

If you have any questions regarding the material covered in this bulletin, or for information about the WABCO product line, please contact the Meritor OnTrac™ Customer Call Center at 866-(OnTrac1) 668-7221 or visit our website: meritorwabco.com.

Update Procedures

This update requires you to install the following two files on your laptop:

- A. The Tractor ABS ECU TOOLWrench software version 3.17.
- B. The J1939Diag_UDS.dll file

Once the files are installed, run the TOOLWrench.exe to complete the update.

This procedure consists of several different steps, please review the following instructions carefully first before proceeding.

Install the Software and Supporting Files

When you receive the software “E8 Change TSC1 Broadcast Function.zip” file from WABCO, perform the following.

1. Create a specific folder in your laptop desktop.
2. Extract the two files from the .zip file and put them into this newly created folder. Make sure both files are in the same folder.
3. Right click on the file “TOOLWrench 3.17 E8 Change TCS1 Broadcast Function” and choose **Rename** from the drop-down box that is displayed. Figure 1.

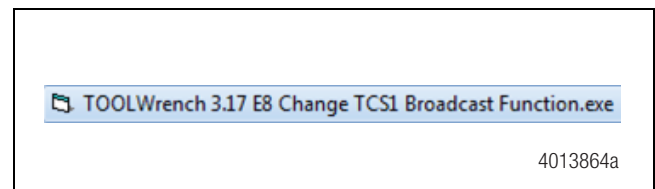


Figure 1

4. Select the file name and change the file extension from .EXE to .EXE. When finished, the file name will be “TOOLWrench 3.17 E8 Change TCS1 Broadcast Function.EXE”.

Run the Update

1. Turn the vehicle ignition switch to **OFF**.
2. Connect the computer to the vehicle's SAE J1939 On-Board Diagnostic Connector using a diagnostic interface.
3. Turn the vehicle ignition switch to the **ON** position.
4. Go to the folder you created in your laptop desktop.
5. Double-click on **TOOLWrench Version 3.17.exe** to run the program.
6. When installing the software, verify you are using the correct diagnostic adapter and protocol. If you are not sure, use the selection screen for Diagnostic Interfaces by selecting the Adapter Selection menu in the top toolbar of the TOOLWrench application. Figure 2.

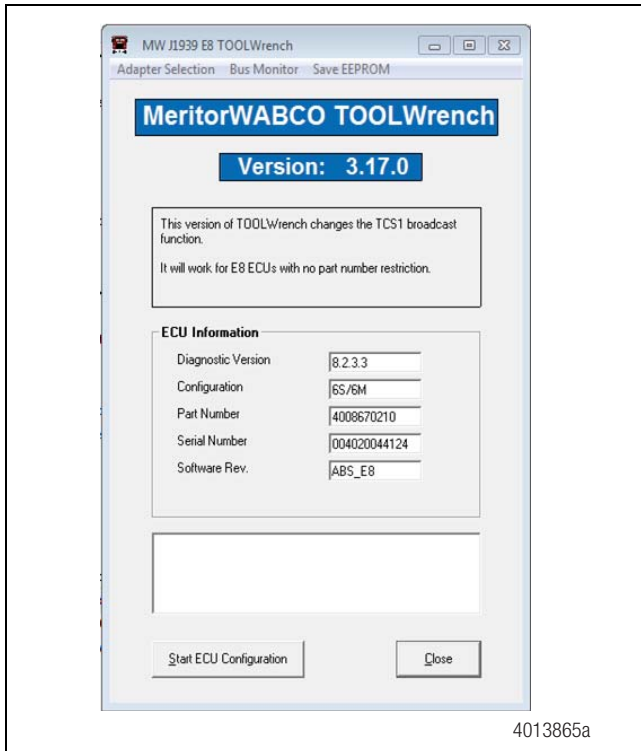


Figure 2

7. From the "Vendor" pull-down list, select the device name for your specific diagnostic interface (e.g. NEXIQ or NOREGON).
8. From the "Protocol" pull-down list, select **J1939**.
9. From the "Adapter" pull-down list, select the appropriate adapter for your device. Refer to the following example in Figure 3.



Figure 3

10. Once all of the Adapter Selection settings have been made, click **OK**.
11. Click on the **Start ECU Configuration** button. Figure 4.



Figure 4

12. When the parameter update has been completed successfully, the notification shown in Figure 4 will appear. Click **OK**.
13. Cycle the ignition to complete the update.

WABCO

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