



Date	Group	No.	Release	Page
7.2016	366	003	01	1(10)

Front Radar, Reprogramming
CHU, CXU

FSB 366-003, Front Radar, Reprogramming

(July 2016)

Certain MACK Trucks built from 11/11/2013 through 07/01/2016, and equipped with Front Radar (collision avoidance system with adaptive cruise control), may display an ACC Sensor Fault (warning / pop-up) at key OFF. Additionally, this fault is linked to multiple counts of inactive fault code MID140 SID 216. This is due to a front radar software issue. To correct this issue, follow the software reprogramming procedure outlined in this Field Service bulletin (FSB).

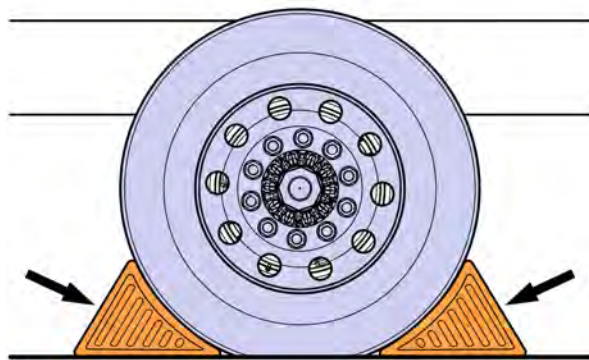
Note: This bulletin does not apply to MACK Trucks Australia.

Decommissioning the Truck for Repair

You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the transmission in neutral or park.
- 4 Install the wheel chocks.



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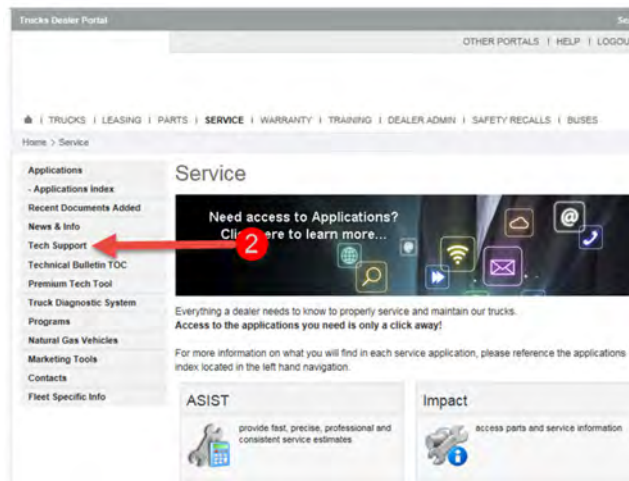
Front Radar, Reprogramming Procedure

- 1 Download the front antenna software/ programming program:
 - a. Go to Trucks Dealer Portal (TDP) at: <https://www.trucksdealerportal.com>.
 - b. Click on **(Service)** at the top.



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- 2 Click on **(Tech Support)** on the left.



W3113791

3 Click on **(FG-3 – Electrical / Instruments)** on the left.

The screenshot shows the 'Tech Support' page of the Trucks Dealer Portal. On the left, there is a navigation menu with categories like 'Applications', 'Recent Documents Added', and 'Tech Support'. Under 'Tech Support', there are sub-categories: 'FG-0 - General', 'FG-1 - Service & Maintenance', 'FG-2 - Engine', 'FG-3 - Electrical / Instruments', 'FG-4 - Trans / Clutch / PTO', 'FG-5 - Brakes / Air Systems', 'FG-6 - Axles / Susp / Steering', 'FG-7 - Frame / Springs / Shocks / Wheels', 'FG-8 - Body / Cab / Interior', 'FG-9 - Miscellaneous', 'Misc - Cummins', and 'V-MAC I, II, III'. A red circle with the number '3' highlights the 'FG-3 - Electrical / Instruments' link. The main content area shows 'Tech Support Tips' and 'eService' sections, along with a table of documents.

Date	Document Name	Reference
9/29/2015	Revision 21 - Mack Model to Chassis Type Chart / May, 2015	Mack
2/13/2015	Selecting the Proper SR Area for Creating an eService	Volvo, Mack
11/13/2014	When and How to Contact Tech Support (eService & Phone)	SNV14-035
11/13/2014	When and How to Contact Tech Support (eService & Phone)	SNM14-038
11/13/2014	eService Case Information Worksheet for Contacting Tech Support	Volvo, Mack

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4 Locate the file named **FLR20 BX160802 Download v1.0.0.4.zip** and download it to your computer.

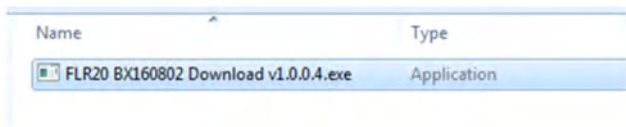
The screenshot shows the 'FG-3 - Electrical System & Instruments' page. The left-hand navigation menu is expanded to show 'FG-3 - Electrical / Instruments'. The main content area displays a table of documents. A red circle with the number '4' points to the document 'FLR20 BX160802 Download v1.0.0.4.zip' in the table. The table also includes a link to download Delphi Thetlock's code producer.

Date	Document Name	Reference
5/26/2016	FLR20 BX160802 Download v1.0.0.4.zip	Volvo, Mack
11/20/2013	Delco Remy Intelli-CheckII	Mack, Volvo
11/20/2013	Delco Remy Diagnostic Procedures manual	Mack, Volvo
10/17/2013	BendixWingman® ACB (Active Cruise with Braking)	Mack, Volvo
9/4/2013	Fuel Level Sending Unit - VII, VHD, VT, VAH	Volvo Only
9/2/2009	GuardDog - Engine Started Too Soon Message	Mack Only
1/15/2009	1600 Watt Heavy Duty Weather Proof Inverter/Charger Owner's Guide Addenda	Volvo Only
12/15/2008	Change Cluster from Metric to US Units	Mack Only
12/10/2008	LCM/Auto Trans. Conflict Fix	Volvo Only
8/12/2008	Enabling Remote Engine Shutdown on a Non-Previously Equipped VMAC IV Chassis	Mack Only

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- 5 Locate the file just downloaded from TDP on your computer and open it.
- 6 Inside the "Zip" file you should see the following file shown below. Double click on this to run the application.

Note: If you see a security warning, just click "Run"



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- 7 The following prompt below will display, Click on **(OK)**.



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- 8 After clicking on **(OK)** in step 7, click on the **(Settings)** tab shown below.

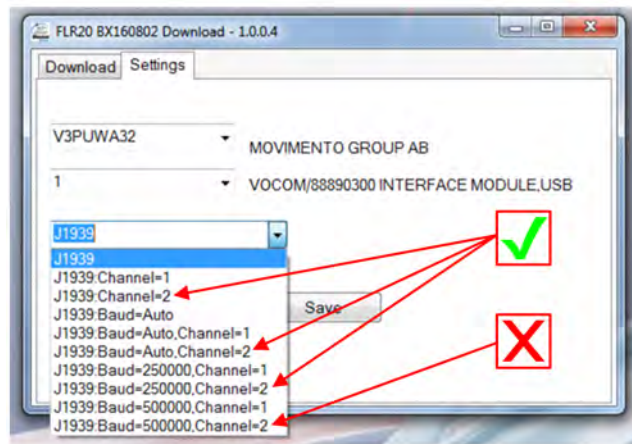


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9 Choose the following settings for the Vocom PN 88890300; then click on **(Save)**.

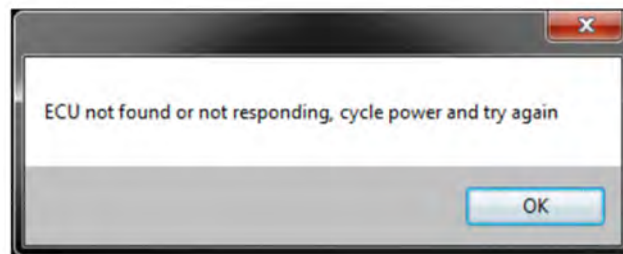
Note: The “Saved Device ” at the bottom of the screen will change.

Settings for Vocom PN 8890300	
i	V3PUWA32
ii	1
iii	J1939:Baud=Auto,Channel=2 Note: All the “Channel=2” choices work EXCEPT the last one.



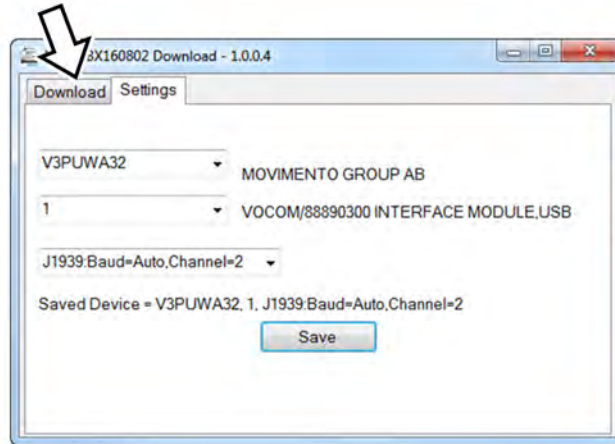
W3113799

10 All other choices will cause the following error message below to display.



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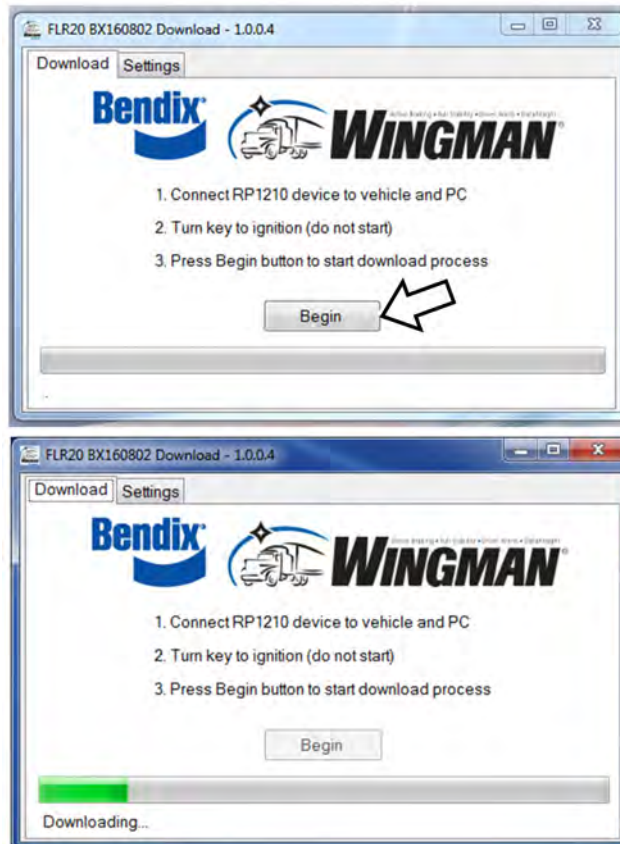
11 Click on the **(Download)** tab.



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12 Click on **(Begin)** , the program will run on its own.

Note: The Status bar at bottom will fill from left to right.



W3113802

13 After programming you should see the following prompt displayed below.

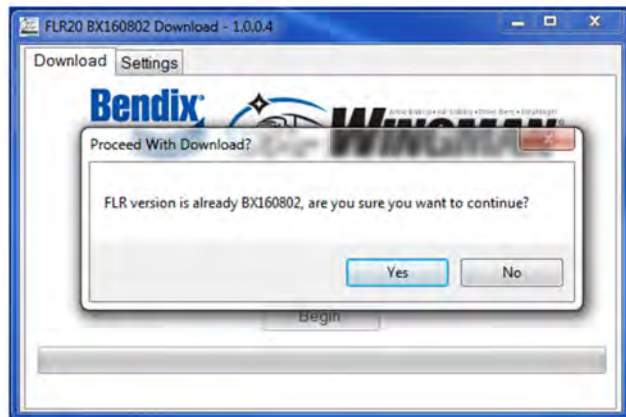
Note: When the programming is complete, the program can be closed now.



W3113803

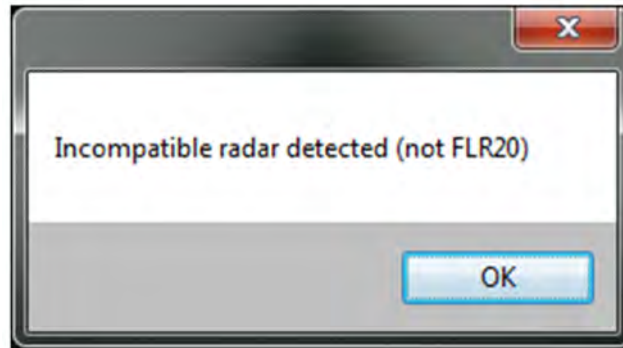
14 If this reprogramming is completed on a truck that has already been programmed, the following prompt below will display. Select **(No)**, and close the program.

Note: No further action needed.



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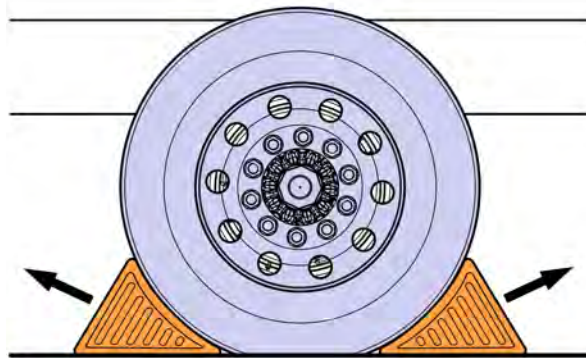
15 If this reprogramming is completed on a truck built with the incorrect front radar, the following error message below will display.



W3113805

Commissioning the Truck for Operation

1 Remove the wheel chocks.



W7086759

- 2 Check the operation of the **(Adaptive Cruise Control)**.
- 3 Test drive the truck and check the operation of the adaptive cruise control.

Note: This is a separate operation.

Reimbursement

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Bus. Sys.)	01
Labor Code	
Primary Labor Code (Front Radar, Reprogramming)	3665-22-09-03 0.3 hrs
Causal Part	22126117

MACK Trucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.