



Countries:

TAIWAN, GUAM, KOREA, SOUTH KOREA, MEXICO, PUERTO RICO, UNITED STATES

Availability:

ISIS, FleetSIS, IsSIR

Major System:

BRAKES

Current Language:

English

Other Languages:

NONE

Viewed:

4143

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5

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6/3/2013

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6/20/2024

Author:

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Coding Information

Copy Link	Copy Relative Link	Bookmark	Add to Favorites	Print	Provide Feedback	Helpful	Not Helpful
		 View My Bookmarks				 14	 0

Title: TRW 355 Programming After Module Replacement

Applies To: TerraStar TRW ABS System

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

06/20/2024-Updated download link and removed login instructions

08/08/2023 - Changed owner!

8/28/2014 - Updated availability and coding.

DESCRIPTION

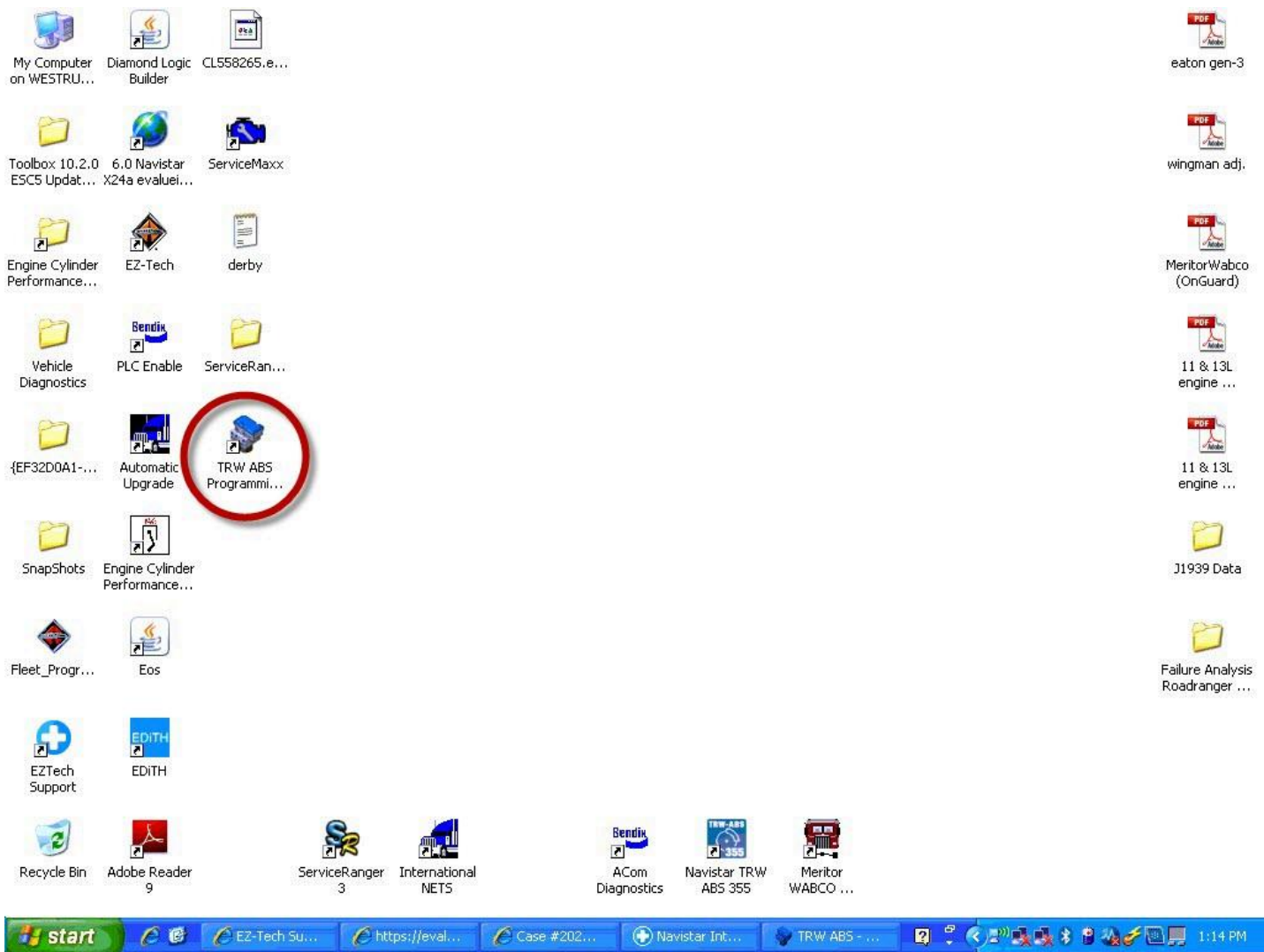
This iKNow article guides Dealer Techs through the process of programming a new TRW 355 ABS module after installing.

TOOLS REQUIRED

Tools	Qty.
EZ-Tech	1
Vehicle Communication Adapter (Nexiq, NAVCoM, etc.)	1

PROGRAMMING PROCEDURE

1. Open the TRW ABS program using the icon on the desktop.



- 2.
- Note: If the icon is not on your desktop, click the following link to [DOWNLOAD](#) the program
3. Ensure you have the proper COM device selected.
 - A. Click "Select Com Link"
 - B. Mouse over the device you're using (Nexiq, etc.)
 - C. Select J1939 (ensure that there is a bullet next to J1939, as shown in the picture below)

TRW ABS - Navistar

FileSelect Com LinkTest BenchHelp

TRW

NEXIQ Technologies USB-Link

Knorr-Bremse

NEXIQ Technologies

Noregon/Vansco RP1210A

Caterpillar

Cummins

Rufus Communications

Caterpillar Inc.

Noregon/CAT RP1210A

Dearborn Group RP1210A

Movimento

DR Dearborn Group

Noregon RP1210A

International EZTech IC3 COM

IC4 Interface Device

USB-Link

Bluetooth USB-Link

USB-Link ATEC-160 Baud

BT USB-Link ATEC-160 Baud

J445221

Status

Size

0

rev/mile

Size

0

rev/mile

Base

0

cm

roller

Error, Not Configured (255)

Write Parameter Values...

Software

Bootloader

004C12F

Application

1064B5F

Calibration

2064B6F

Update ABS Software to Latest...

Identification

Part Number

227031-107

Serial Number

BFHD31000F

Refresh

Restart ECU...

Faults

SPN

FMI

Type

Message

2551

13

Manufacturer Defined Usage (PropB_PDU2)

Clear DTCs

PDF
eaton gen-3

PDF
wingman adj.

PDF
MeritorWabco
(OnGuard)

PDF
11 & 13L
engine ...

PDF
11 & 13L
engine ...

J1939 Data

Failure Analysis
Roadranger ...

4. Click on the History Tab and enter the **COMPLETE** VIN into the VIN Box, then click "Get Vehicle from History."

TRW ABS - Navistar

File Select Com Link Test Bench Help

TRW ABS History Bus Log

VIN 1HTJ5SKK0CJ445221 Get Vehicle from History

VIN	Front Tire Size	Rear Tire Size	Wheelbase	Transfer Case Controller
1HTJ5SKK0CJ445221	645	645	400	4x2 only (254)

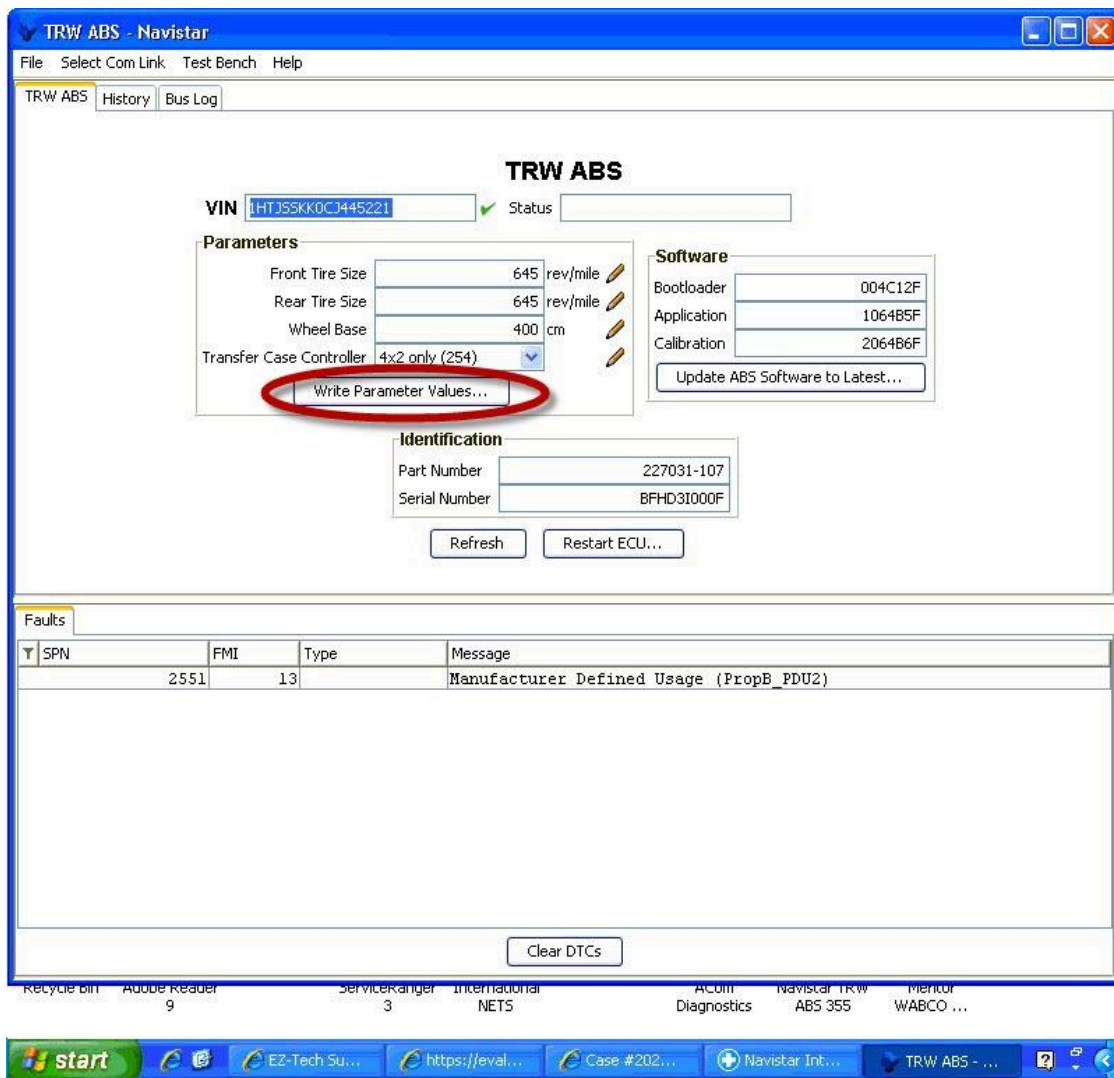
Apply

Faults

SPN	FMI	Type	Message
2551	13		Manufacturer Defined Usage (PropB_PDU2)

Clear DTCs

- Click on the VIN to highlight it once it is listed, then click "Apply."
5. Once the information is in the Tire Size, Wheel Base, and Transfer Case boxes, click "Write Parameter Values..."



Recycle bin Adobe Reader 9 ServiceRanger 3 International NETS ACom Diagnostics Navistar TRW ABS 355 Mentor WABCO ...

start EZ-Tech Su... https://eval... Case #202... Navistar Int... TRW ABS - ... 1:16 PM

6. Once the programming is complete, the pencil next each line will disappear

TRW ABS - Navistar

File Select Com Link Test Bench Help

TRW ABS History Bus Log

TRW ABS

VIN 1HTJ5SKK0CJ445221 ✓ Status

Parameters

Front Tire Size	645	rev/mile
Rear Tire Size	645	rev/mile
Wheel Base	400	cm
Transfer Case Controller	4x2 only (254)	

Write Parameter Values...

Software

Bootloader	004C12F
Application	1064B5F
Calibration	2064B6F

Update ABS Software to Latest...

Identification

Part Number	227031-107
Serial Number	BFHD3I000F

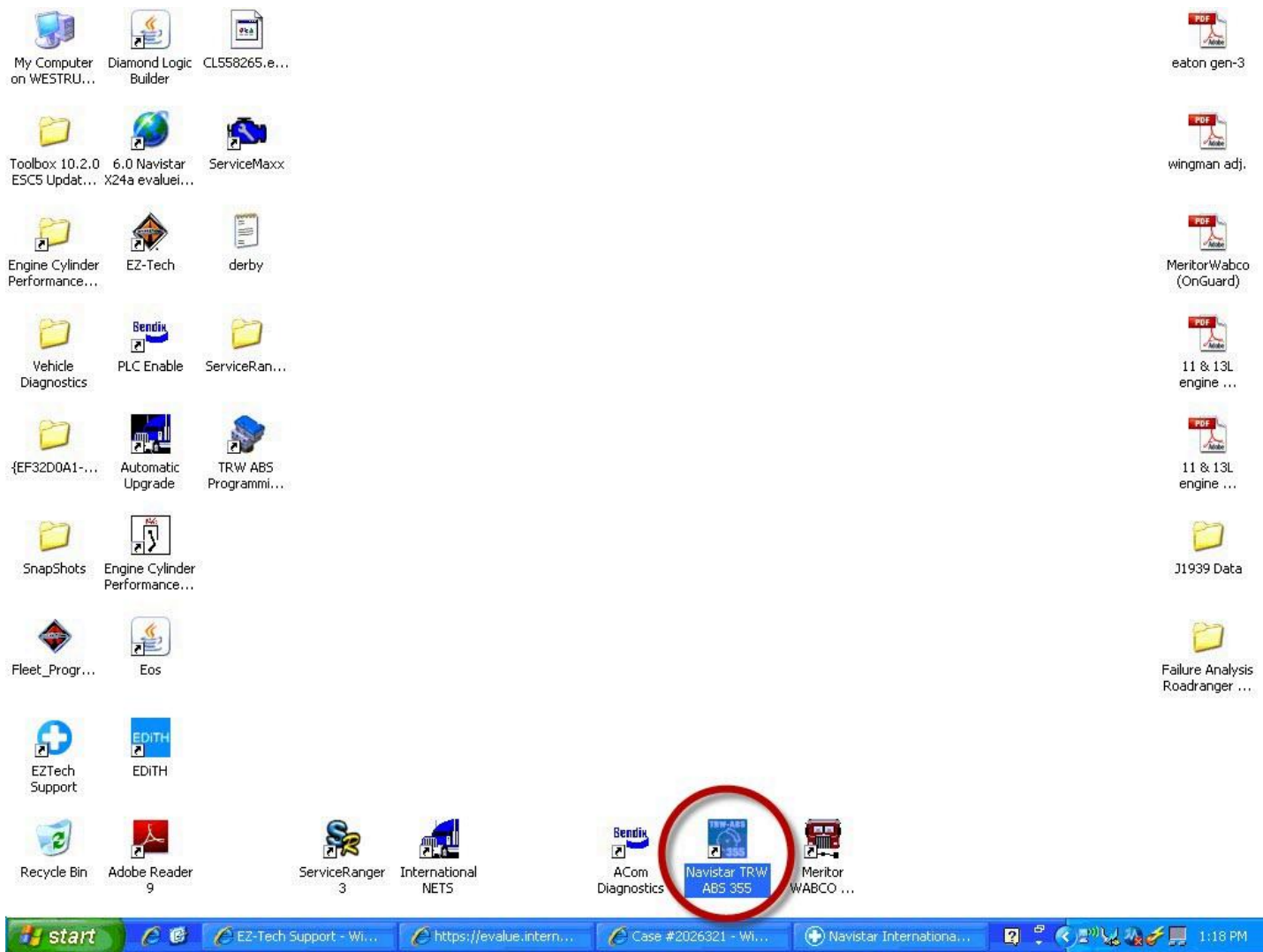
Refresh Restart ECU...

Faults

SPN	FMI	Type	Message
-----	-----	------	---------

Clear DTCs

7. Close the TRW ABS program and open Navistar TRW 355 to ensure the faults have cleared



8. Click the Fault button at the top, if there is a fault present, click Clear Faults to ensure that they do not come back.

My Computer on WESTRU... Diamond Logic Builder CL558265.e...

Toolbox 10.2.0 ESC5 Updat... 6.0 Navistar X24a evalu...

Engine Cylinder Performance... EZ-Tech

Vehicle Diagnostics PLC Enable

{EF32D0A1-... Automatic Upgrade

SnapShots Engine Cylinder Performance...

Fleet_Progr... Eos

EZTech Support EDITH

Recycle Bin Adobe Reader 9

Navistar TRW ABS 355

Communication Report Display Component Tests Parameters Snapshot Help

ECU Information

ECU TypeEBC355-ABS

Part Number227031-107

Serial NumberBFHD3I000F

Software ID - Boot004C12F

Software ID - Application1064B5F

Software ID - Calibration2064B6F

Wheel Sensors

0.0 mph

0.0 mph

0.0 mph

Faults

0Active0Inactive

Control Status

ABS (Internal) RelayOn / Energized

ABS StateABS Passive but Installed

ABS FunctionalityFully Operational

Retarders

Engine BrakeDetected

DrivelineNot Detected

Exhaust BrakeNot Detected

Road Speed

0 mph

Lamps

ABSOff

BrakeOn

Voltages

Ignition12.4 V

Battery - Coil12.3 V

Battery - Motor11.6 V

Switches

Brake Pedal SwitchReleased

Connected

5/30/20131:19 PM

eaton gen-3

wingman adj.

MeritorWabco (OnGuard)

11 & 13L engine ...

11 & 13L engine ...

J1939 Data

Failure Analysis Roadranger ...

ServiceRanger 3 International NETS ACom Diagnostics Navistar TRW ABS 355 Meritor WABCO ...

start Internet Explorer Navistar International... Navistar TRW ABS 355 1:19 PM

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