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Title: TRW 355 Programming After Module Replacement

Applies To: TerraStar TRW ABS System

DESCRIPTION

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

TOOLS REQUIRED

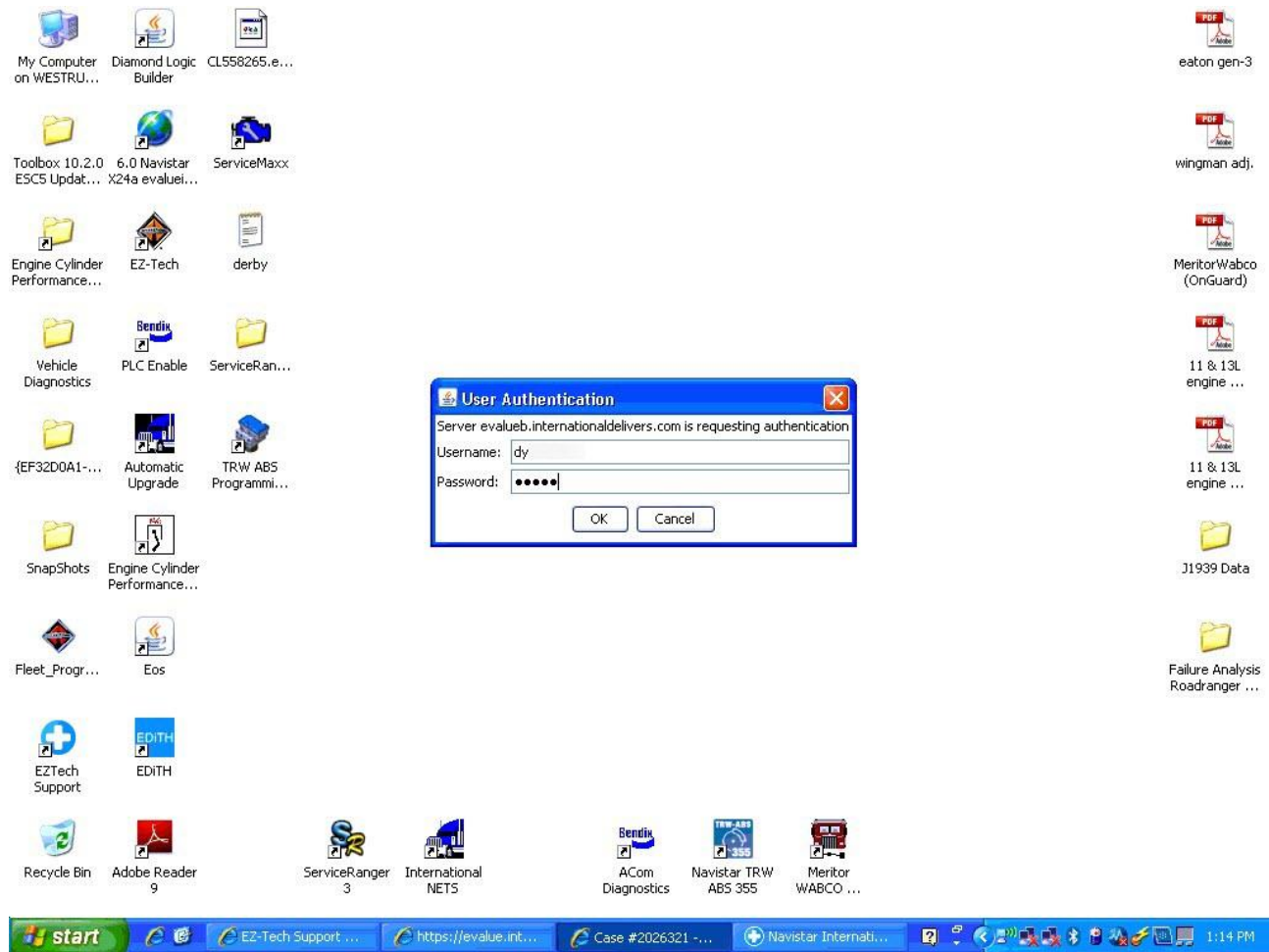
Tools	Qty.
EZ-Tech	1
Vehicle Communication Adapter (Nexiq, NAVCoM, etc.)	1

PROGRAMMING PROCEDURE

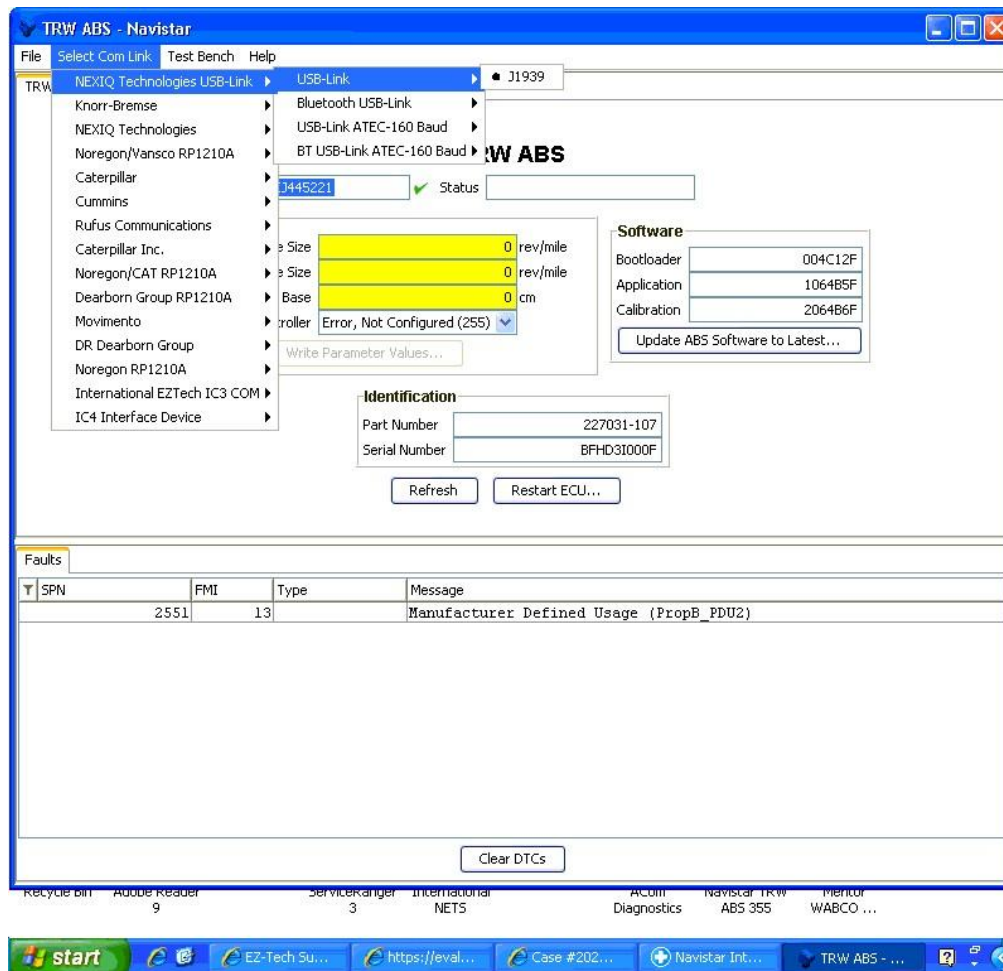
1. Open the TRW ABS program using the icon on the desktop.



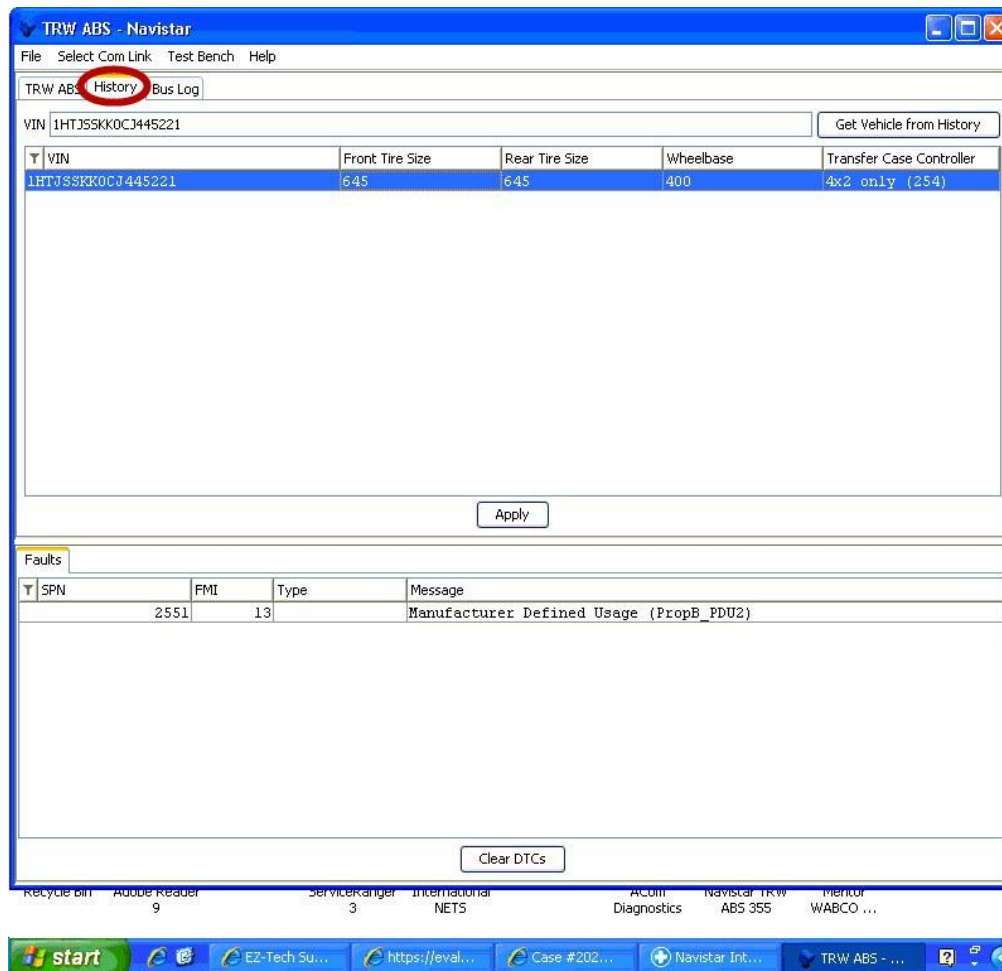
- 2.
3. Note: If the icon is not on your desktop, click the following link to [DOWNLOAD](#) the program.
Log into the software with your normal DY username and password.



4. Ensure you have the proper COM device selected.
 - A. Click "Select Com Link"
 - B. Mouse over the device you're using (Nexiq, Movimento, etc.)
 - C. Select J1939 (ensure that there is a bullet next to J1939, as shown in the picture below)



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



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

TRW ABS - Navistar

File Select Com Link Test Bench Help

TRW ABS History Bus Log

TRW ABS

VIN Status

Parameters

Front Tire Size rev/mile

Rear Tire Size rev/mile

Wheel Base cm

Transfer Case Controller

Software

Bootloader

Application

Calibration

Identification

Part Number

Serial Number

Faults

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

7. 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 ✓ Status

Parameters

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

Software

Bootloader	004C12F
Application	1064B5F
Calibration	2064B6F

Identification

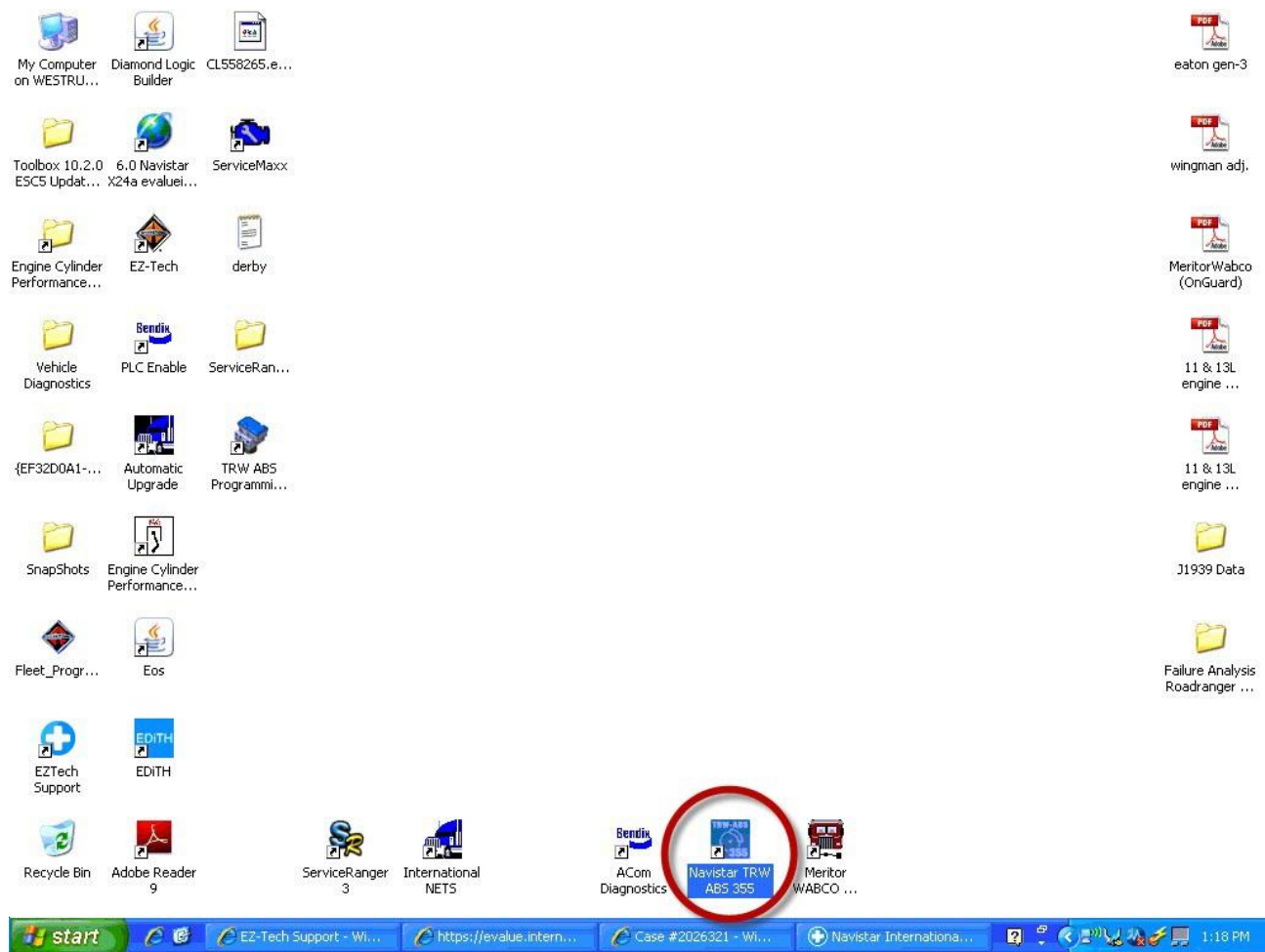
Part Number	227031-107
Serial Number	BFHD3I000F

Faults

SPN	FMI	Type	Message



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



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

Navistar TRW ABS 355

Communication Report Display Component Tests Parameters Snapshot Help

ECU Information

ECU Type	EBC355-ABS
Part Number	227031-107
Serial Number	BFHD31000F
Software ID - Boot	004C12F
Software ID - Application	1064B5F
Software ID - Calibration	2064B6F

Wheel Sensors

0.0 mph 0.0 mph 0.0 mph

Road Speed

0 mph

Lamps

ABS	Off
Brake	On

Voltages

Ignition	12.4 V
Battery - Coil	12.3 V
Battery - Motor	11.6 V

Retarders

Engine Brake	Detected
Driveline	Not Detected
Exhaust Brake	Not Detected

Switches

Brake Pedal Switch	Released
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Connected 5/30/2013 1:19 PM

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