

TOYOTA 官方 TIS3使用说明[图片]

TOYOTA 官方关于软件使用过程中，出现错误和问题的说明与解决办法：



## Known Bugs List

### OPEN ISSUES

1. Unable to Connect to Immobilizer System
2. Unable to Connect to Starting Control System
3. Passenger Seat Displays Although it is not Available
4. Sliding Roof System is Missing
5. Unable to Connect to SRS Airbag System

6. ABS/VSC/TRAC System Trouble Codes do not Display
7. Freeze Frame Data Report Missing DTC
8. Option Selection is Inconsistent
9. CAN Bus Check Malfunction
10. Intermittent Data List Error
11. Slow Refresh Rate When Viewing "Primary" Data List
12. Random Error When Opening Software
13. Unit Selection for Distance is not Available
14. Tire Pressure Values from Health Check Result Screen are Intermittently Inaccurate
15. Vehicle Information does not Auto-Populate
16. Overlap Graph Scaling is Incorrect
17. Unable to Access Immobilizer Reset Function
18. Custom Data List Error
19. Engine Data List has Duplicate Parameters
20. CAN Bus Check Results are Inaccurate
21. Cannot Connect Using Generic OBDII
22. Locking/Unlocking Doors Causes Communication Error
23. Vapor Press VSV Active Test Malfunction
24. ECB Utility Service Information is Incorrect
25. Health Check DTC Results are not Correct
26. Data List and Active Test Error

27. Pre-Customized Data List Shuts Down Techstream Application

28. DTC C1336 (Zero Point Calibration Undone) Sets During Techstream Connection

## **DESIGN LIMITATIONS**

1. Tire Pressure Values on Health Check Results Screen are Incorrect

2. EVAP System Check Failure

3. Health Check DTC Clear All Failure

4. Unable to Perform VIN Write Unless Exiting the Application

## **CLOSED ISSUES**

1. Unable to Access Air Bleeding Utility

2. Unable to Generate Health Check Report when VIN Input is

Required

3. Catalyst Efficiency Test Results are Inaccurate when Printing

4. Engine Data List Error

5. Transmission Control Data List Error

6. Unable to Access Immobilizer System
  7. Eco Drive Indicator Customize Function Description is Incorrect
  8. Unable to Connect to SRS System
  9. Evap System Check Error for Canister Control VSV
  10. Engine and ECT Data List Parameter Error
  11. Data List Refresh Rate is Slow
  12. Hybrid Control Data List Displays Duplicate Parameters
  13. Saved Data is Lost
  14. LED Graph Inaccuracy - Air Injection Check Utility Snapshot
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#### OPEN ISSUES

1. **Unable to Connect to Immobilizer System**

**Vehicle:**2011 Yaris

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The Immobilizer System cannot be accessed and the System Selection Screen will indicate that the system is not available.

**Status:**Issue is under investigation. In the meantime, please manually connect to the vehicle as a 2010MY Yaris in order to access the Immobilizer System.

**System Selection Menu**  
Select desired system and then press the arrow button to access the ECU.

**System** Yellow = ECU status unknown.  
**System** White = ECU communication OK.  
**\*System** White w/Asterisk = ECU not supported or not responding.

All ECUs	Powertrain	Chassis	Body Electrical
Engine and ECT	Cruise Control	ABS/SC/TRAC	Tire Pressure Monitor
EMPS	Air Conditioner	*Immobiliser	Theft Deterrent
SRS Airbag	Main Body	Accessory Gateway	Combination Meter
Occupant			

This ECU depending on the vehicle configuration. Starting the engine code.

**System Select Wizard(S303-05)**  
Selected system is not responding or not available.  
Please check the repair manual for applicable systems.  
OK

**Work Around:**The Immobilizer System can be accessed by manually selecting the vehicle as a 2010MY Yaris.

Vehicle Connection Wizard(S301-06)

Select the Information and press Next

Required Information:

Division: TOYOTA

Model: Yaris

ModelYear: 2010

Engine: 1NZ-FE

Option: < Select >

Optional Information:

VIN:

Memo:

History Help <Back Next> Cancel

## 2. Unable to Connect to Starting Control System

**Vehicle:**2011 tC

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The Starting Control System cannot be accessed and the System Select Screen will indicate that the system is not available.

**Status:**Issue is under investigation. In the meantime, please manually connect to the vehicle as a 2011MY RX350 in order to access the Starting Control System.

## System Selection Menu

Select desired system and then press Live Data to access the ECU.

- System** (Yellow) = ECU status unknown.
- System** (White) = ECU communication OK.
- \*System** (White w/Asterisk) = ECU not supported or not responding.

All ECUs	Powertrain	Chassis	Body Electrical
Engine	ECT	Cruise Control	ABS/ESC/TRAC
Tire Pressure Monitor	EMPS	Air Conditioner	SRS Airbag
Main Body	Master Switch	Combination Meter	Smart Key
Power Source Control	Occupant Detection	Remote Engine Starter	*Starting Control

Unable  
connec

### System Select Wizard(S303-05)



Selected system is not responding or not available.  
Please check the repair manual for applicable systems.

OK

**Work Around:**The Starting Control system can be accessed by manually selecting the vehicle as a 2011MY RX350.

**Vehicle Connection Wizard(S301-06)**

Select the Information and press Next

Required Information:

Division:	LEXUS
Model:	RX350
ModelYear:	2011
Engine:	2GR-FE
Option:	RADAR CRUISE

Optional Information:

VIN:	
Memo:	

History Help <Back Next> Cancel

### 3. Passenger Seat Displays Although it is not Available

**Vehicle:**2011 RX350, RX450h

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**Although the Passenger Seat system is not available on the vehicle, it will display in the System Select Screen as a possible available system.

**Status:**Issue is under investigation.



## System Selection Menu

Select desired system and then press Live Data to access the ECU.

- System Yellow = ECU status unknown.
- System White = ECU communication OK.
- \*System White w/Asterisk = ECU not supported or not responding.

All ECUs	Powertrain	Chassis	Body Electrical
Engine	ECT	Radar Cruise	
Air suspension	ABS/VSC/TRAC	Four Wheel Drive	
Tire Pressure Monitor	EMPS	Parking Assist Monitor System	
Air Conditioner	SRS Airbag	Pre-Collision	
Pre-Collision 2	Main Body	PM1 Gateway	
Back Door	D-Door Motor	P-Door Motor	
RL-Door Motor	RR-Door Motor	Driver Seat	
<b>Passenger Seat</b>	Master Switch	Sliding Roof	
Tilt&Telescopic	Combination Meter	Mirror L	
Mirror R	Master Switch	AFS	
Smart Access	Master Switch Control	Occupant Detection	
Remote Engine Starter		Navigation System	
PM2 Gateway			

Passenger Seat should not be displayed

This ECU controls the position and the memory of seat position for the passenger side seat.

### 4. Sliding Roof System is Missing

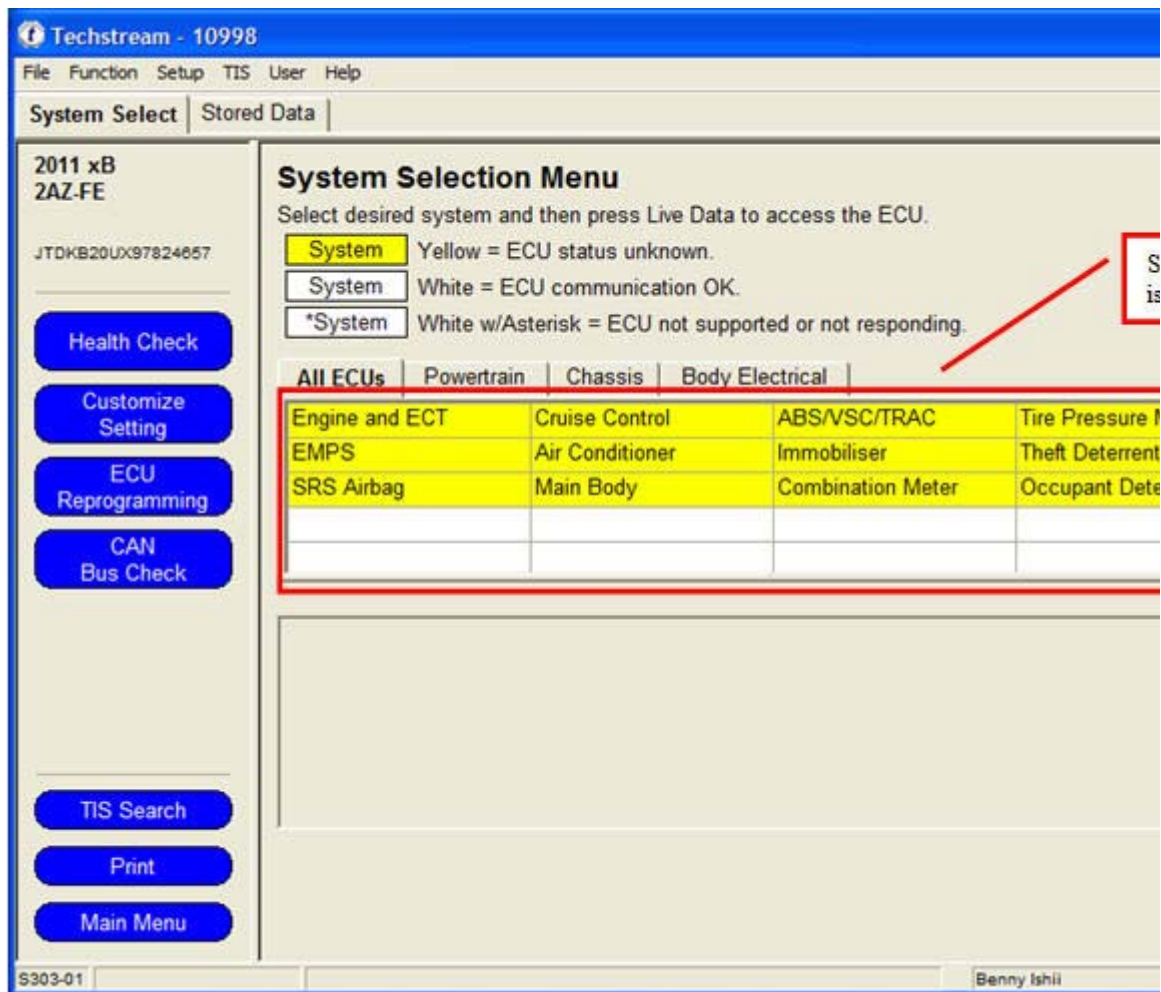
**Vehicle:**2011 xB, tC

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The Sliding Roof system is missing from the System Select Menu.

**Status:**Issue is under investigation. In the meantime, please manually connect to the

vehicle as a 2011MY Highlander in order to access the Sliding Roof system.



**Work Around:**The Sliding Roof system can be accessed by manually selecting the vehicle as a 2011MY Highlander with 2GR-FE engine.

Vehicle Connection Wizard(S301-06)

Select the Information and press Next

Required Information:

Division:	TOYOTA
Model:	Highlander
ModelYear:	2011
Engine:	2GR-FE
Option:	w/ Smart Key

Optional Information:

VIN:	JTDKB20UX97824657
Memo:	

History Help <Back> Next> Cancel

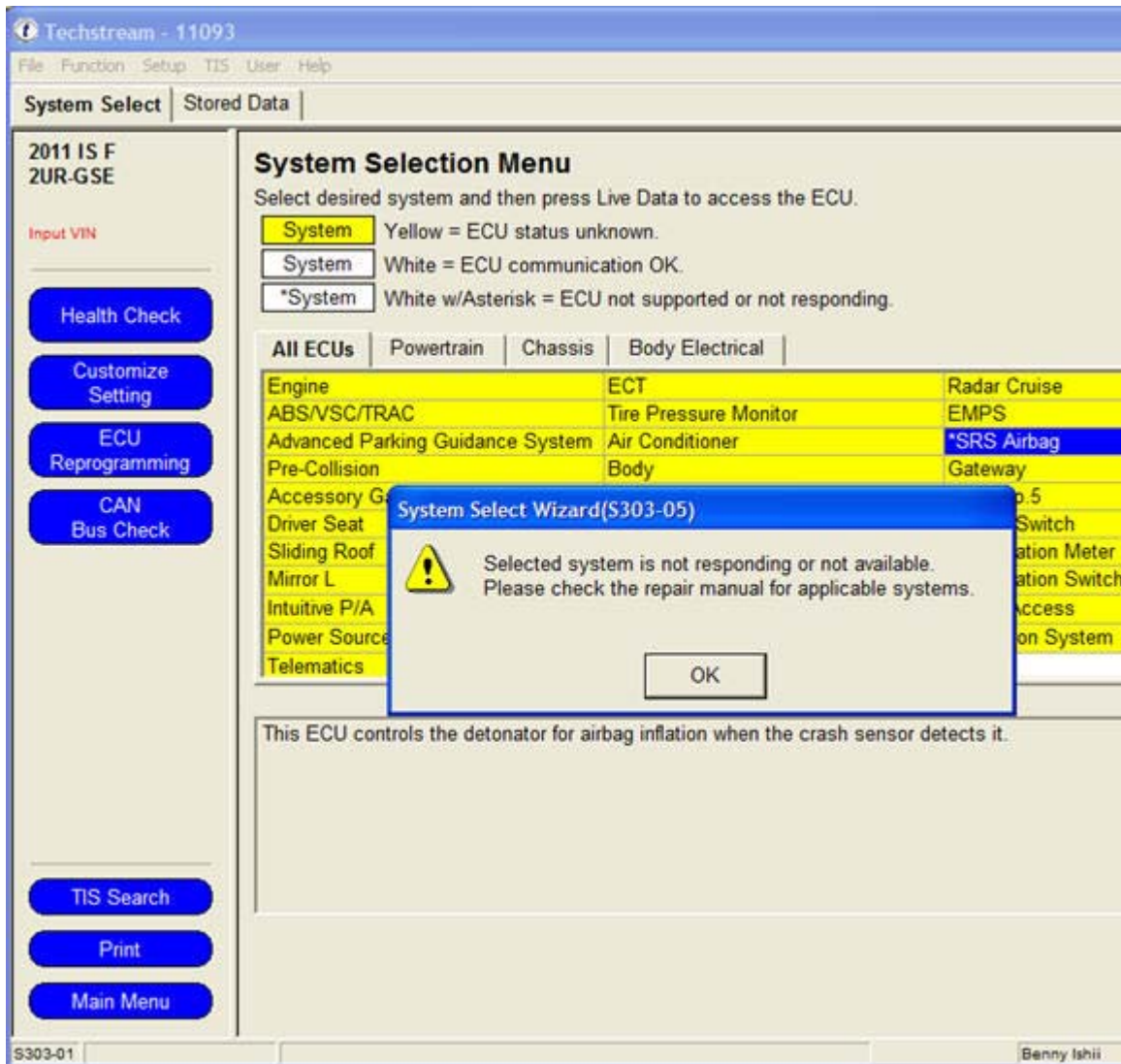
## 5. Unable to Connect to SRS Airbag System

**Vehicle:**2011 IS F

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The SRS Airbag System cannot be accessed and the System Select Screen will indicate that the system is not available.

**Status:**Issue is under investigation. In the meantime, please manually connect to the vehicle as a 2011MY IS350 in order to access the SRS Airbag system.



**Work Around:**The SRS Airbag system can be accessed by manually selecting the vehicle as a 2011MY IS350.

**Vehicle Connection Wizard(S301-06)**

Select the Information and press Next

Required Information:

Division: LEXUS

Model: IS350

ModelYear: 2011

Engine: 2GR-FSE

Option:

Optional Information:

VIN:

Memo:

History Help <Back Next> Cancel

## 6. ABS/VSC/TRAC System Trouble Codes do not Display

**Vehicle:**2003 Avalon

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**Although the Data List and MIL light indicate there are trouble codes available, the Trouble Codes Screen is blank and does not display any DTC information.

**Status:**Issue is under investigation.

Techstream - 10030  
File Function Setup TIS User Help  
System Select | Stored Data | ABS/VSC/TRAC Live

2003 Avalon  
1MZ-FE  
Input VIN

Trouble Codes  
Data List  
Active Test  
Monitor  
Utility

TIS Search  
Print  
Close

Diagnostic Code:

Code	Description	Current	Pending	History	St
None					

Data List shows 3 DTCs available but Trouble Codes Screen is blank

S305-02 | ABS/VSC/TRAC | 609 ms  
Start | Techstream - 10030

Techstream - 10030  
File Function Setup TIS User Help  
System Select | Stored Data | ABS/VSC/TRAC Live

2003 Avalon  
1MZ-FE  
Input VIN

Trouble Codes  
Data List  
Active Test  
Monitor  
Utility

TIS Search  
Print  
Close

Parameter	Value	Unit	Parameter	Value
ABS Motor Relay	OFF		TRAC Solenoid (SMR)	OFF
Solenoid Relay	ON		TRAC Solenoid (SRCF)	OFF
Pre-Charge Pump	OFF		TRAC Solenoid (SRCR)	OFF
VSC/TRAC OFF SW	OFF		Engine Speed	704
Stop Light SW	OFF		Vehicle Speed	0
FR Wheel Speed	0	MPH	Yaw Rate Sensor	0
FL Wheel Speed	0	MPH	Zero Yaw Rate Sensor	0
RR Wheel Speed	0	MPH	Steering Angle Sensor	-9
RL Wheel Speed	0	MPH	Master Cylinder Sensor	0.0
Deceleration Sensor1	0.00	G	Test Mode	Normal
Deceleration Sensor2	0.00	G	Number of DTC	3
ECU IG Power Voltage	Normal			
ABS Solenoid (SFRR)	OFF			
ABS Solenoid (SFRH)	OFF			
ABS Solenoid (SFLR)	OFF			
ABS Solenoid (SFLH)	OFF			
ABS Solenoid (SRRR)	OFF			
ABS Solenoid (SRRH)	OFF			
ABS Solenoid (SRLR)	OFF			
ABS Solenoid (SRLH)	OFF			
TRAC Solenoid (SMFL)	OFF			

All Data

S305-01 | ABS/VSC/TRAC | 1944 ms  
Start | Techstream - 10030

## 7. Freeze Frame Data Report Missing DTC

**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When printing the Freeze Frame Data Report, the DTC number is not included in the printed report.

**Status:**Issue is under investigation.



Parameter	-3	-2	-1	0
Vehicle Speed			0	
Engine Speed			0	
Calculate Load			0.0	
Vehicle Load			0.0	
MAF			0.09	0
Atmosphere Pressure			2	
Coolant Temp			-40	
Intake Air			-40	
Engine Run Time			0	
Initial Engine Coolant Temp			176.0	17
Initial Intake Air Temp			68.0	6
Battery Voltage			12.2	1
Accel Sens. No.1 Volt %			0.0	
Accel Sens. No.2 Volt %			0.0	
Throttle Sensor Volt %			100.0	10
Throttl Sensor #2 Volt %			100.0	10
Throttle Sensor Position			83.1	8
Throttle Motor DUTY			16.0	1
Injector (Port)			0.00	0
Injection Volum (Cylinder1)			0.000	0.0
Fuel Pump/Speed Status			OFF	(
Vacuum Pump			OFF	(
EVAP (Purge) VSV			0.0	(
Evap Purge Flow			0.0	(
Purge Density Learn Value			0.000	0.0
EVAP System Vent Valve			OFF	(
EVAP Purge VSV			OFF	(

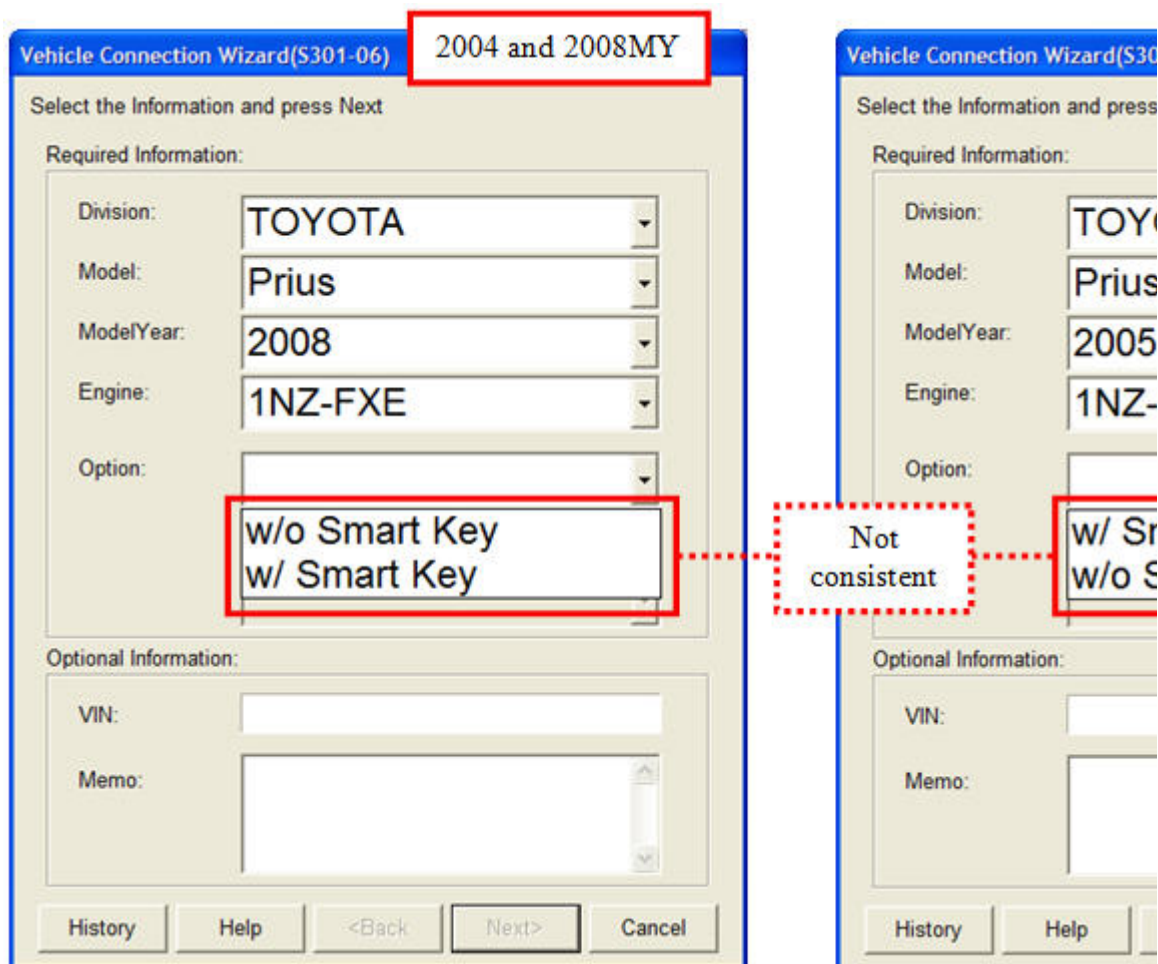
## 8. Option Selection is Inconsistent

**Vehicle:**2004-2009 Prius

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When connecting to this vehicle, the Smart Key option selection display order is inconsistent and will vary depending on model year.

**Status:**Issue is under investigation.



## 9. CAN Bus Check Malfunction



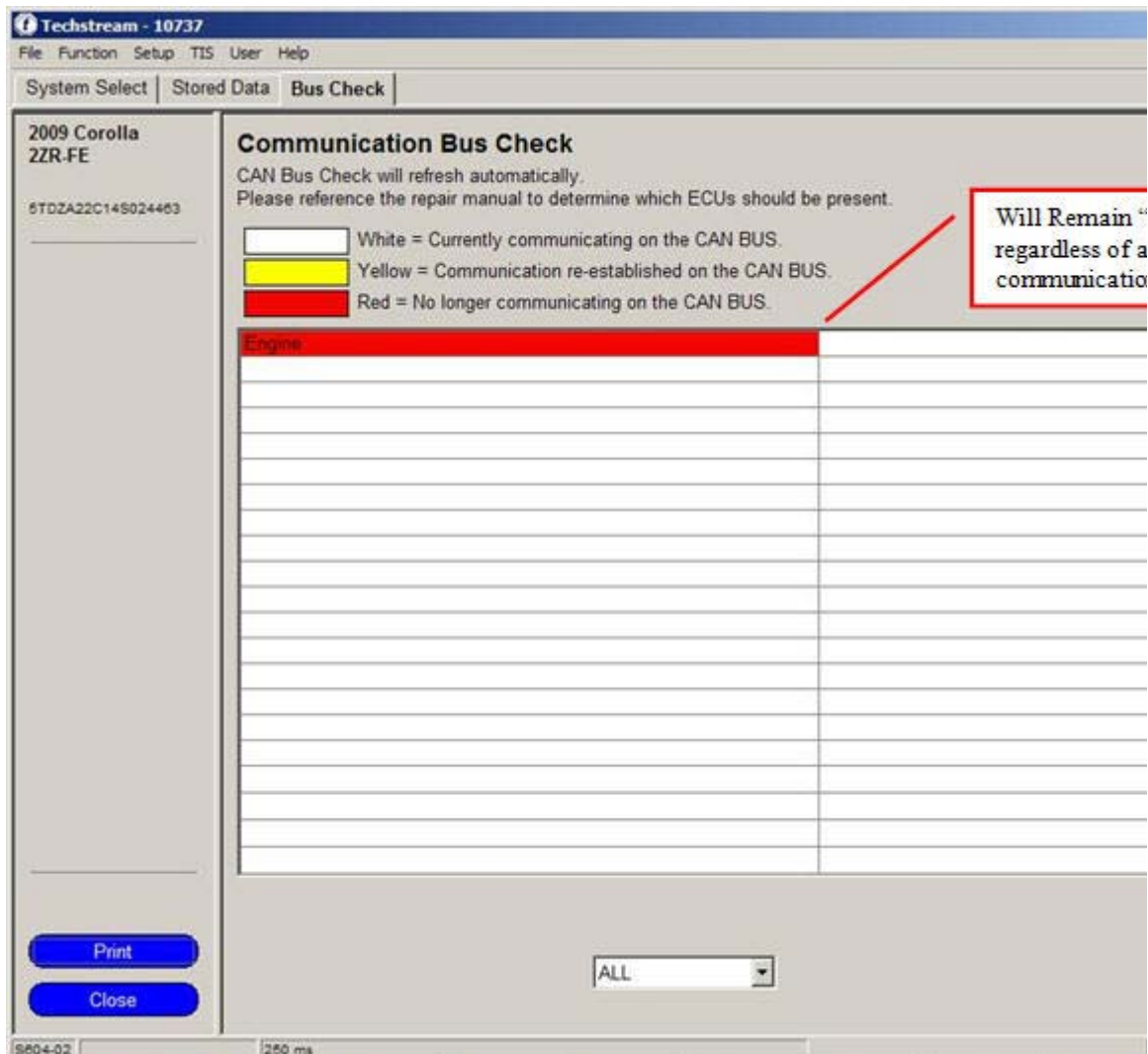
**Vehicle:**All

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**When viewing the CAN Bus Check screen using the Mongoose VIM, the available ECUs will change status to "no longer communicating" after a few seconds.

The status will remain "red" regardless of whether it is actually connected or not.

**Status:**Issue is under investigation. In the meantime, please use Full Techstream to diagnose CAN Bus related issues.



## 10. Intermittent Data List Error

**Vehicle:**Non-CAN Vehicles

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**When viewing the Engine and ECT Data List using the Mongoose VIM intermittent errors may occur.

**Status:**Issue is under investigation. If this error is encountered, please submit ar

error report using the F12 key.



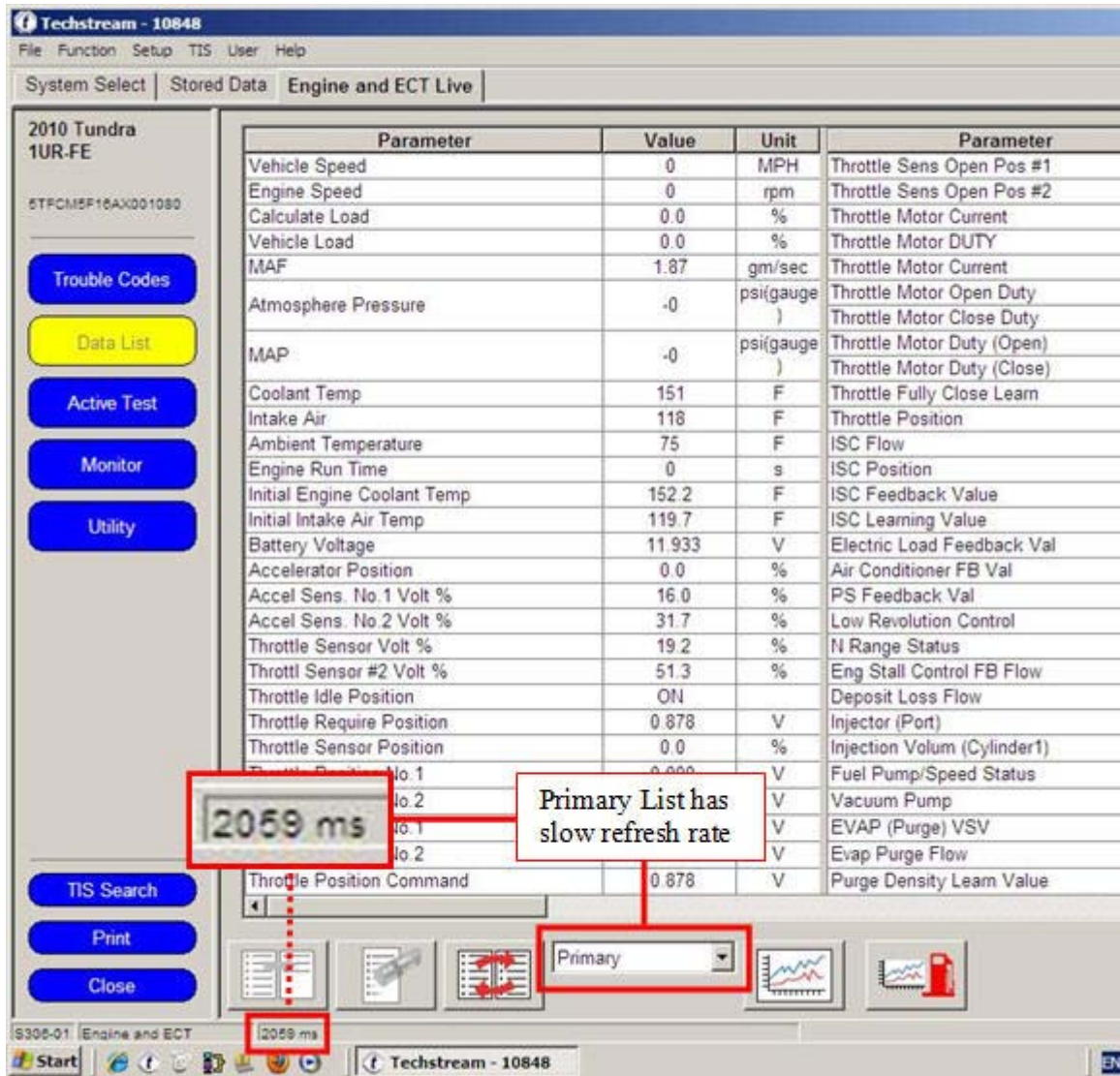
## 11. Slow Refresh Rate When Viewing "Primary" Data List

**Vehicle:**1UR-FE Engine Vehicles

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When viewing the Engine and ECT Data List in "Primary Data," the refresh rate is over 2000 msec.

**Status:**Issue is under investigation. In the meantime, to work around this issue please remove about 20-25 unnecessary parameters from the "Primary" list and the refresh rate should drop down to 200 msec.



## 12. Random Error When Opening Software

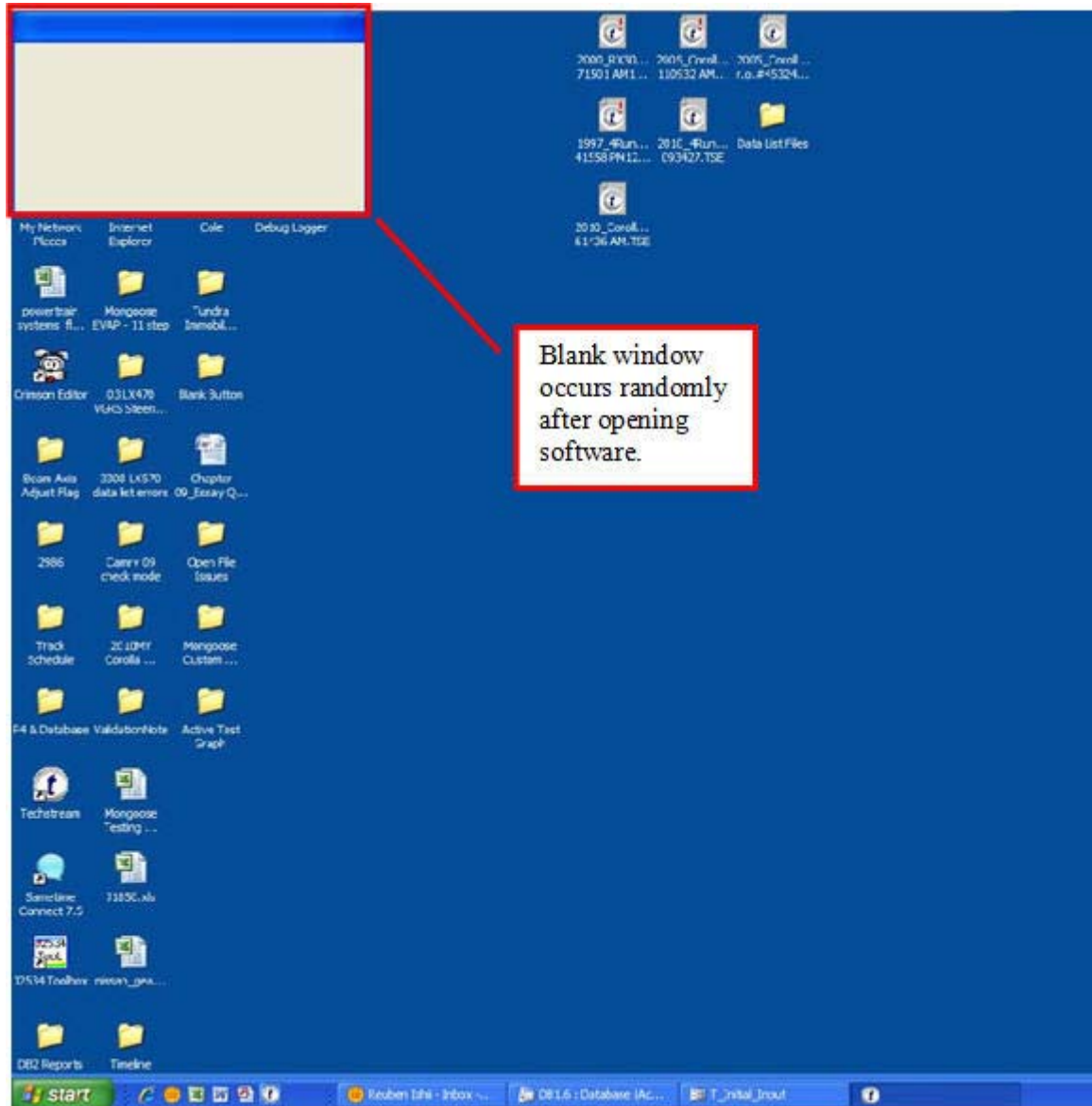
**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When opening Techstream Software, an error will randomly occur in which a blank window will display in the upper left hand corner.

**Status:**Issue is under investigation. In the meantime, to work around this issue

please open the Windows Task Manager and end the "MainMenu.exe" process.



### 13. Unit Selection for Distance is not Available

**Vehicle:**Equipped with Lane/Object Recognition

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The unit selection menu does not include a setting for distance. In order to change the distance unit for the camera/target position memory function, the "vehicle speed" unit must be changed in the unit selection menu in user preferences.

**Status:**Issue is under investigation.

**Unit Selection (S800-10)**

Vehicle Speed  
 km/h  MPH

Temperature  
 Celsius  Fahrenheit

Weight  
 kg  lbs

Air Flow  
 gm/sec  lb/min

Air Pressure  
 abs  gauge  
 kPa  mmHg  
 in/Hg  psi  
 in/H2O

Vapor Pressure  
 abs  gauge  
 kPa  mmHg  
 in/Hg  psi  
 in/H2O

Fuel Pressure  
 kPag  psig

Fuel Consumption  
 MPG  MPG(imp)  
 km/L  L/100km

OK Cancel Apply

Distance setting is changed by vehicle speed in User Preferences

**Camera/Target Position Memory (DLK-03-003)** Help

Please input the height and the horizontal position of the camera.

height  inch

horizontal  inch

height : Value calculated according to repair manual.  
horizontal : Value written in repair manual.

< Back Next > Exit

#### 14. Tire Pressure Values from Health Check Result Screen are Intermittently Inaccurate

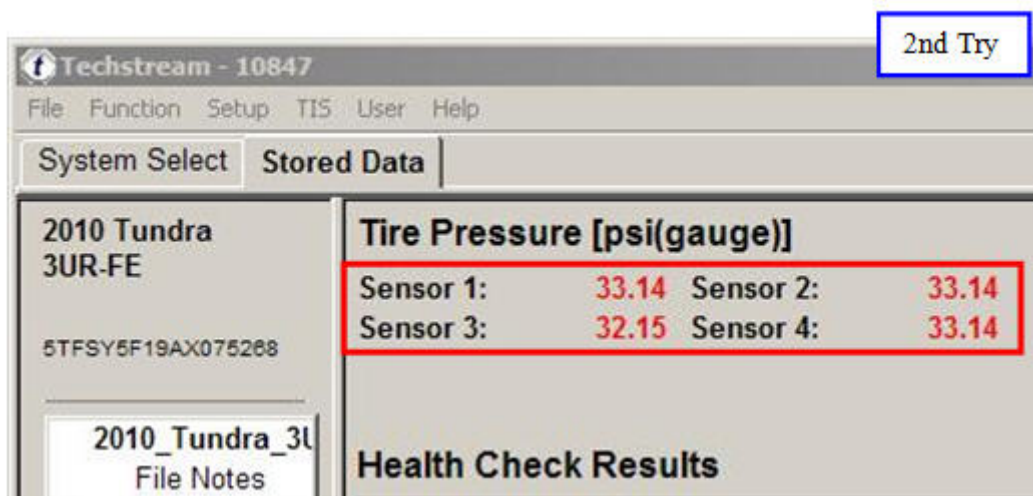
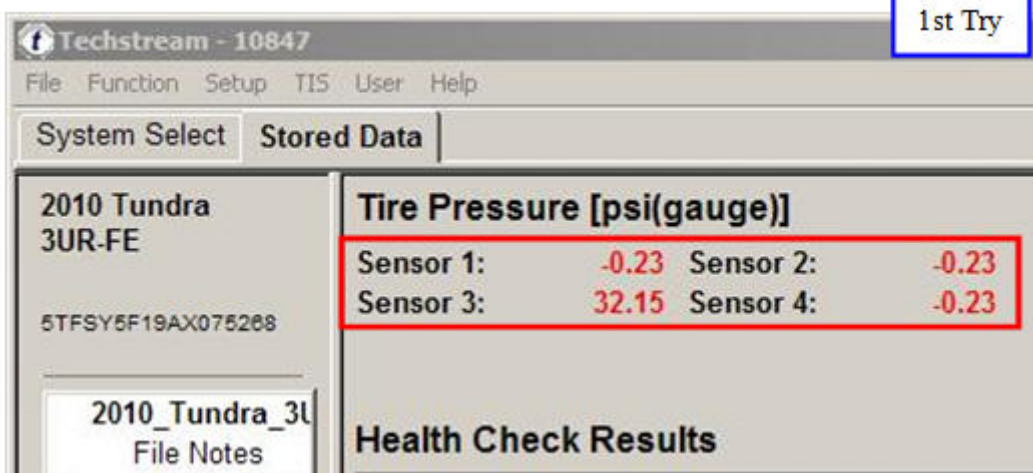
**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**After performing a Health Check, the Tire Pressure Values are intermittently inaccurate and display negative values. This occurs when the Health Check is performed within 2-3 minutes of turning the IG key ON.

**Status:**Issue is under investigation. In the meantime, either wait a few minutes after turning the IG ON before doing a Health Check, or refresh the Health Check results if the values are incorrect.





#### 15. Vehicle Information does not Auto-Populate

**Vehicle:**1998 4Runner (5VZ-FE)

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When connecting to a 1998MY 4Runner (5VZ-FE), the vehicle connection wizard does not automatically populate the vehicle information.

**Status:**Issue is under investigation. Please submit feedback using the F12 key if

experiencing this issue. In the meantime, please manually select the Model, Model Year, and Engine to connect to the vehicle.

**Vehicle Connection Wizard(S301-06)**

Select the Information and press Next

**Required Information:**

Division: TOYOTA

Model: < Select >

ModelYear:

Engine:

Option:

**Optional Information:**

VIN:

Memo:

History Help <Back Next> Cancel

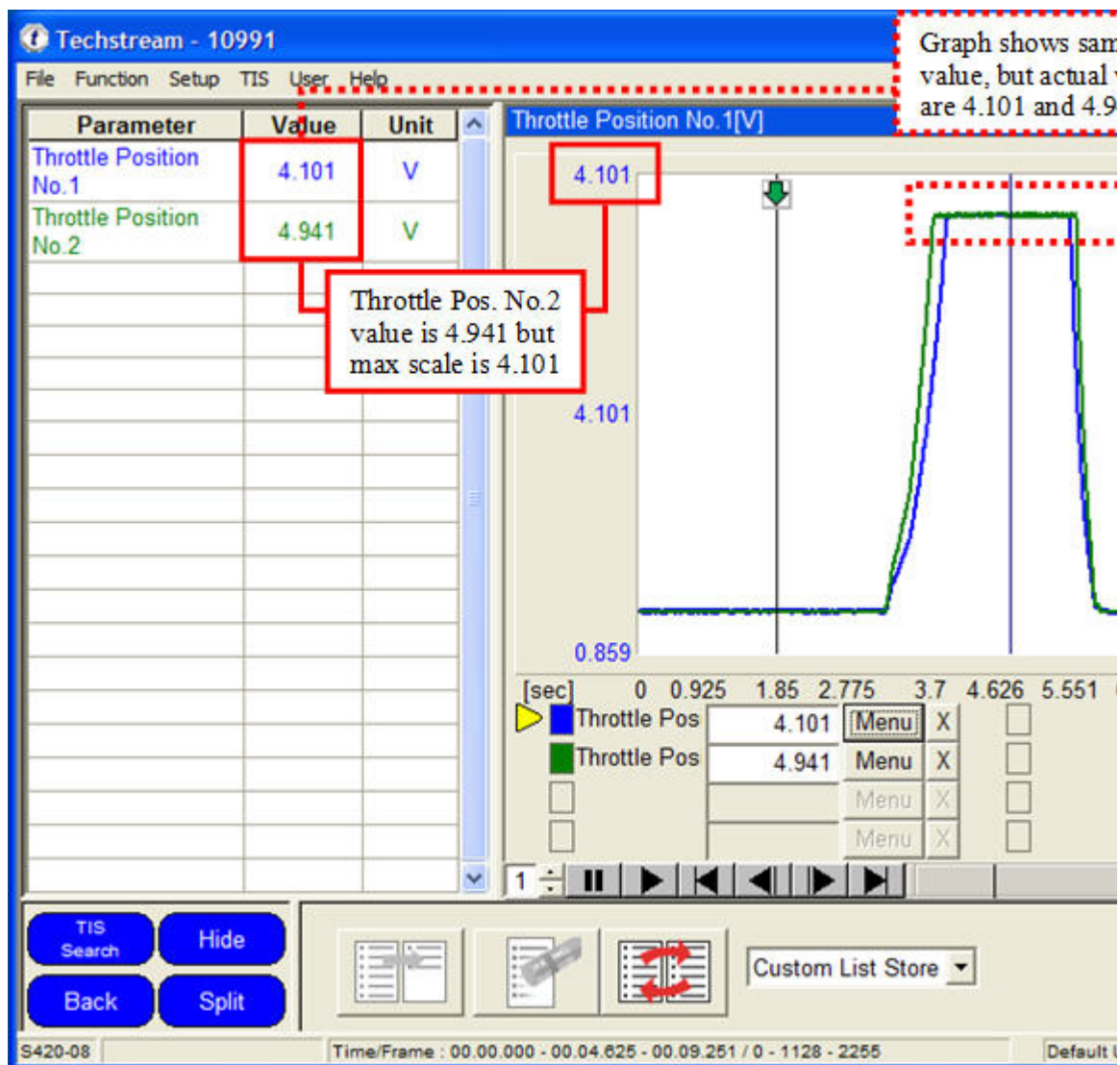
## 16. Overlap Graph Scaling is Incorrect

**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

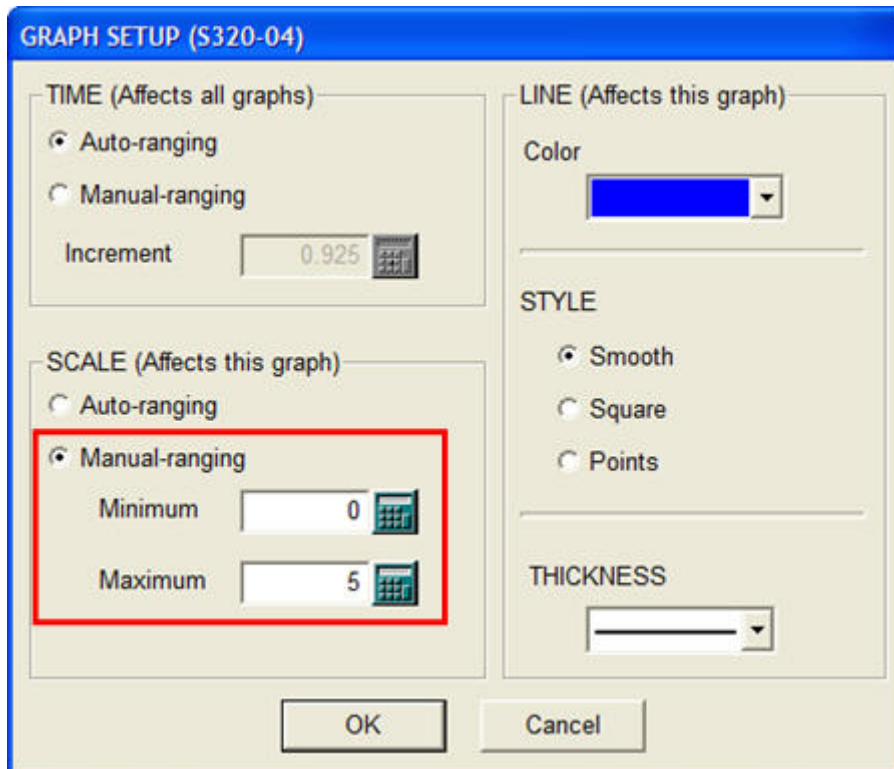
**Description:**When overlapping Throttle Position No.1 and Throttle Position No.2 graphs, the max scale value is not set properly. Although the max value of Throttle Position No.2 is higher than Throttle Position No.1, they show as the same max value on the graph due to this error.

**Status:**Issue is under investigation. In the meantime, please manually set the Min/Max scale value to 0 and 5 volts so the graphs will display properly.



**Work Around:**Manually change the scale to 0 and 5 in Graph Setup so the graph will

display properly.



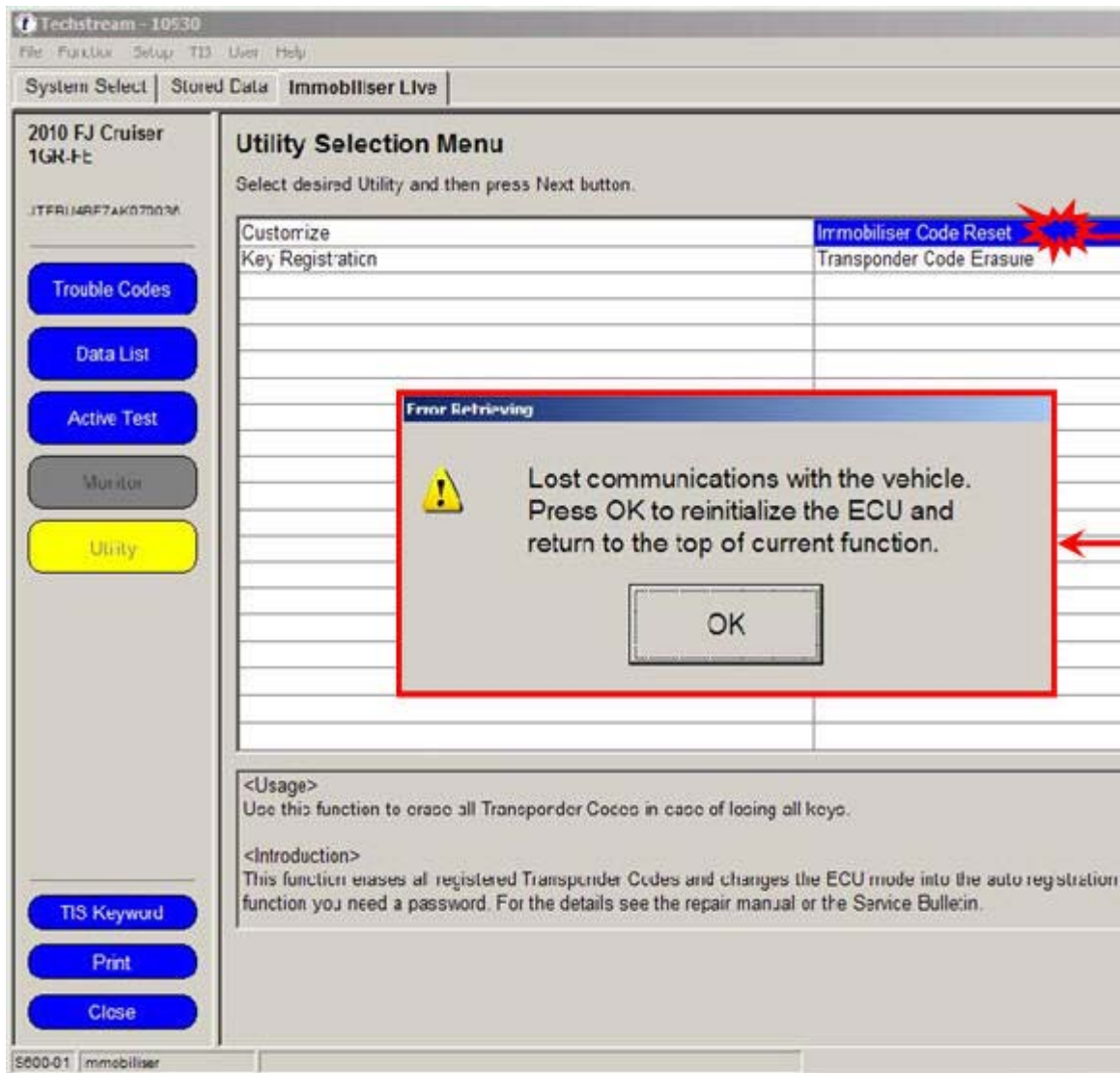
## 17. Unable to Access Immobilizer Reset Function

**Vehicle:**2010 FJ Cruiser

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When attempting to access the Immobilizer Reset Utility, an error window will indicate that communication with the vehicle has been lost.

**Status:**Issue is under investigation. In the meantime, if this error is encountered, please contact TAS for assistance.



## 18. Custom Data List Error

**Vehicle:**All CAN Vehicles

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**If a custom data list with a short list of parameters is created while using the Mongoose VIM, an error will randomly occur. This will only occur on CAN ECUs


and on the first attempt at viewing the Data List. If the error occurs, please connect to the data list again, without restarting the Techstream Software, and the error should not occur.

**Status:** Issue is under investigation. In the meantime, please try the data list function again, without restarting Techstream Software.

Parameter	Value	Unit
Accel Sens. No.1 Volt %	15.6	%
Accel Sens. No.2 Volt %	31.7	%
Accel Sensor Out No.1	0.7	V
Accel Sensor Out No.2	1.5	V

Short list of parameters will cause random error

**Error (S999-99)**

 Lost communication with vehicle.

Error Code: 0xA1050308

Please verify the following conditions:

- IG ON
- DLC Cable connection
- Battery Voltage

It's possible the requested function will not work. Please try again.  
If the problem persists please submit a report using the F12 key.

### 19. Engine Data List has Duplicate Parameters

Vehicle: All Models

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When viewing the Engine ECU Data List (all data), there are duplicate parameters that display different values.

**Status:**Issue is under investigation.

The screenshot shows the Techstream software interface for a 2008 LS460 1UR-FSE. The 'Engine Data List' is displayed, showing various parameters and their values. A red box labeled 'Duplicate Parameters' points to the 'Accel Sensor Out No. 1' parameter, which appears twice with different values (0.000 and 0.8). The table below shows the data list:

Parameter	Value	Unit	Parameter	Value
2nd Air Monitor	Not Avl		O2S(A/FS) Monitor	Avail
2nd Air Monitor	Compl		O2S(A/FS) Monitor	Compl
A/C Monitor	Not Avl		Throttle Motor Current	0.7
A/C Monitor	Compl		Throttle Motor Current	0.000
Accel Sensor Out No. 1	0.000	V	Throttle Position No. 1	0.000
Accel Sensor Out No. 1	0.8	V	Throttle Position No. 1	0.6
Accel Sensor Out No. 2	0.000	V	Throttle Position No. 2	0.000
Accel Sensor Out No. 2	1.6	V	Throttle Position No. 2	2.2
Catalyst Monitor	Avail			
Catalyst Monitor	Compl			
EGR/VVT Monitor	Not Avl			
EGR/VVT Monitor	Compl			
EVAP Monitor	Avail			
EVAP Monitor	Compl			
Heated Catalyst Monitor	Not Avl			
Heated Catalyst Monitor	Compl			
O2S(A/FS) Heater Monitor	Avail			
O2S(A/FS) Heater Monitor	Compl			

## 20. CAN Bus Check Results are Inaccurate

**Vehicle:**2007~2010 Tundra

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When performing the CAN Bus Check on the 2007~2010MY Tundra, the results indicate the vehicle is equipped with Smart Access/Smart Key/Wireless Tuner System, when it is actually equipped with a Non-CAN Immobilizer System.

**Status:**Issue is under investigation.

## 21. Cannot Connect Using Generic OBDII

**Vehicle:**All

**Device(s):**Techstream Lite (Mongoose VIM)



**Description:**When using a Mongoose VIM to connect Techstream to a vehicle via Generic OBDII, the result is an error window that displays "Cannot establish communication with the ECU."

**Status:**Issue is under investigation.

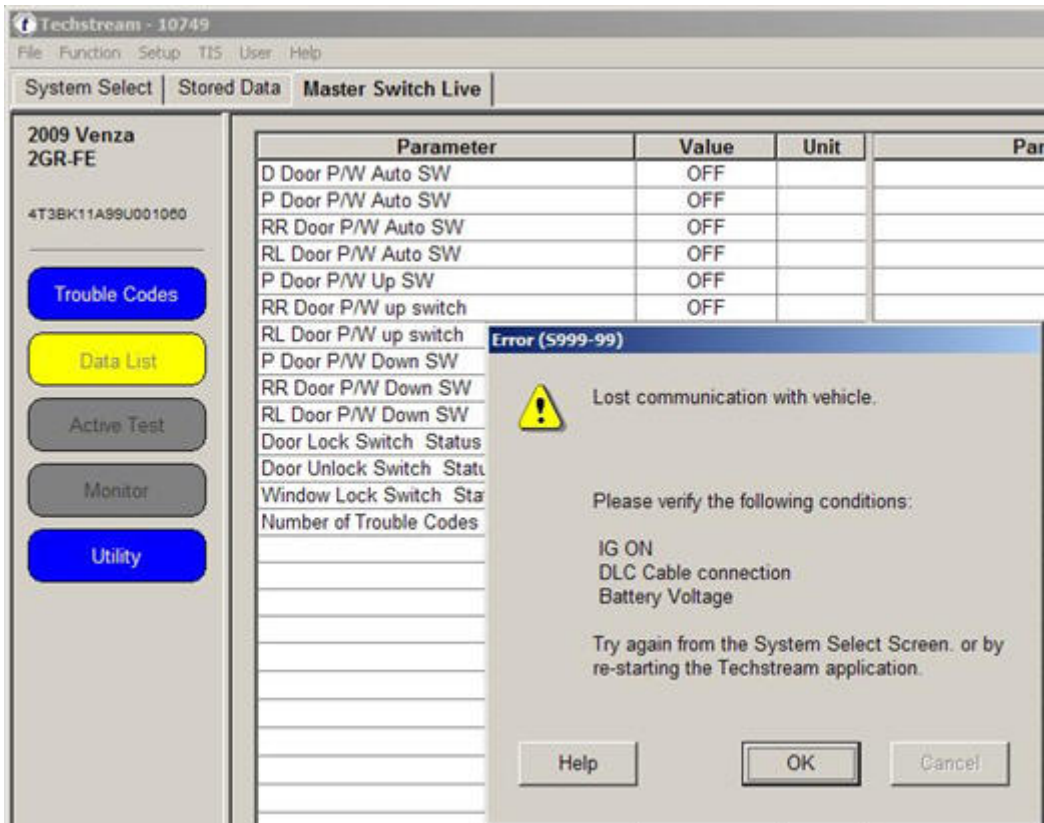
## 22. Locking/Unlocking Doors Causes Communication Error

**Vehicle:**All

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**When using the Mongoose VIM, an error will result if the power door lock switch (lock or unlock) is operated while communicating with the vehicle. After this error occurs, communication cannot be established with any of the ECU's on the vehicle.

**Status:**Issue is under investigation. In order to re-establish communication to the vehicle, the software must be rebooted and the Mongoose USB connection must be removed and reconnected.



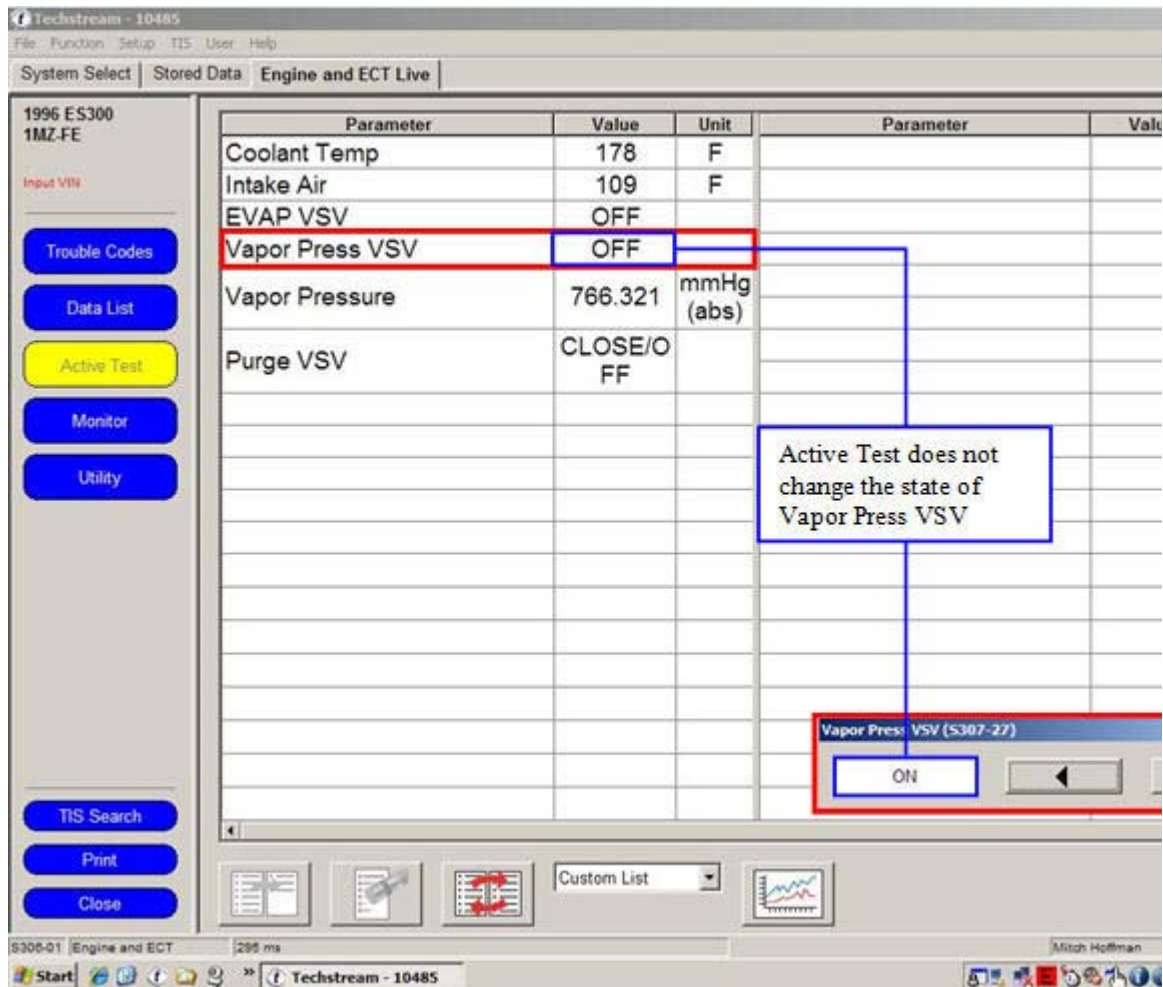
### 23. Vapor Press VSV Active Test Malfunction

**Vehicle:**1996 ES300

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When changing the status of the Vapor Press VSV Active Test, the corresponding Vapor Press VSV data list parameter does not indicate any change.

**Status:**Issue is under investigation. In the meantime, we have received reports indicating that by cycling the active test status between ON and OFF multiple times will allow the active test to function properly.



#### 24. ECB Utility Service Information is Incorrect

**Vehicle:**2007-2009 LS460/LS600H

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When performing ECB Utility functions as instructed by Techstream and the Repair Manual, the result may cause a Squawk/Bark type noise from the brake actuator.

**Status:** Issue is under investigation. In the meantime, please refer to TSIB L-SB-0069-09 for the correct service information.

## 25. Health Check DTC Results are not Correct

**Vehicle:** 1998 4Runner

**Device(s):** Techstream and Techstream Lite (Mongoose VIM)

**Description:** Although the MIL is ON and P0303 DTC History is present, the Health Check Result screen indicates there are no DTC's available.

**Status:** Issue is under investigation.

Techstream - 10005  
File Function Setup TIS User Help

Stored Data

1998 4Runner  
5VZ-FE  
JT3HN87R9WD160429

98 4Runner  
File Notes  
Health Check  
Data 1-5/1  
Engine and ECT  
Data List  
Misfire  
Misfire  
DTC/Monitor  
**Health**  
Error Report

Expand>>

TIS Search  
Print  
Close

DTC Monitors are **Incomplete**. View Monitors

Diagnostic Code: MIL: ON

Code	Description	Current	Pending	History	Permanent	Summary
P0303	Cylinder 3 Misfire Detected			X		

9400-03 Default User

Techstream - 10005  
File Function Setup TIS User Help

Stored Data

1998 4Runner  
5VZ-FE  
JT3HN87R9WD160429

98 4Runner  
File Notes  
Health Check  
Data 1-5/1  
Engine and ECT  
Data List  
Error Report

Expand>>

TIS Search  
Print  
Close

Health Check Results  
 .Health Check does not display live data  
 .Changes in vehicle condition will not update automatically  
 .To update Health Check, click the Refresh button

System	Current	Pending	History	Permanent	Monitor Status	Calibration	Update
Engine and ECT	0	0	0	-	Inc	-	-

5/1/2009 2:29:50 PM Campaign Available:NO Default User

## 26. Data List and Active Test Error

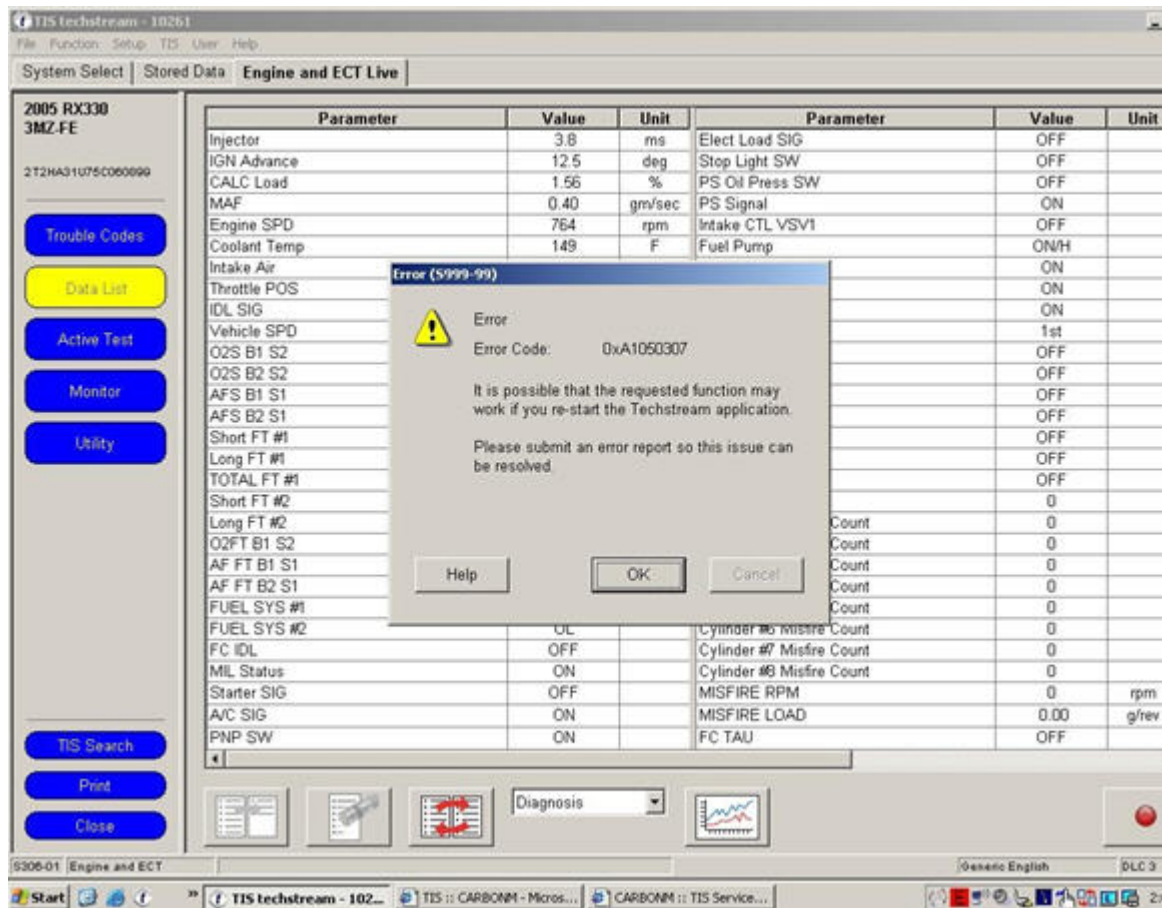
**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**Immediately after accessing any Data List or Active Test function, an error window will display and the Data List or Active Test will not be accessible.

**Status:**This error is found to be isolated to a small number of units using the eTRUST brand Anti-Virus Software. Users have reported that the error symptoms disappeared after removing the eTRUST Anti-Virus Software.

**\*NOTES\*:**Users with McAfee and Norton Anti-Virus Software installed on Techstream have reported to not be experiencing this error screen.



## 27. Pre-Customized Data List Shuts Down Techstream Application

**Vehicle:**2007 ES350

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The Techstream Application shut down unexpectedly when the Pre-Customized Data List in the Intuitive P/A ECU is changed from the default selection.

**Status:**Currently looking for additional information. If encountered, please send in an Error Report using the "F12" function on the Techstream keyboard.

## 28. DTC C1336 (Zero Point Calibration Undone) Sets During Techstream Connection

**Vehicle:**2003~2004 4Runner

**Device(s):**Techstream

**Description:**DTC C1336 sets automatically as a result of connecting Techstream to the vehicle.

**Status:**The cause of the issue is due to insufficient battery voltage to the Techstream VIM when connecting to the vehicle. To avoid setting DTC C1336, please connect a battery charger or have the engine ON while connected to the vehicle.

---

### DESIGN LIMITATIONS

#### **1. Tire Pressure Values on Health Check Results Screen are Incorrect**



Vehicle:All

**Description:**When performing a Health Check on vehicles equipped with a Tire Pressure Monitor System, the tire pressure values on the Health Check Results screen may be incorrect and display negative numbers. This occurs if the Health Check is performed before the tire pressure sensors "wake up" to display correct values. Generally it will take up to three minutes from the time the ignition is turned ON for all sensors to display correct information.

Techstream - 11009

File Function Setup TIS User Help

Stored Data

2010 Prius  
2ZR-FXE  
JT0KN3DP5A3000126

2010\_Prius\_2ZR-  
File Notes  
Health Check Data 1-2/1  
Time Stamp  
Error Report

Expand>>

TIS Search  
Print  
Close

**Tire Pressure [psi(gauge)]**

Sensor 1:	36.3	Sensor 2:	-14.5
Sensor 3:	36.6	Sensor 4:	-14.5
Sensor 5:	-14.5		

Tire will be correct after 3 minutes

**Health Check Results**

System	Monitor Status	DTC	Curr	Pend	Hist	Perm	SB
Engine and ECT	Com	P0102	X	X	X	X	No
		P0113	X	X	X	X	No
Hybrid Control	-						
Cruise Control	-						
HV Battery	-						

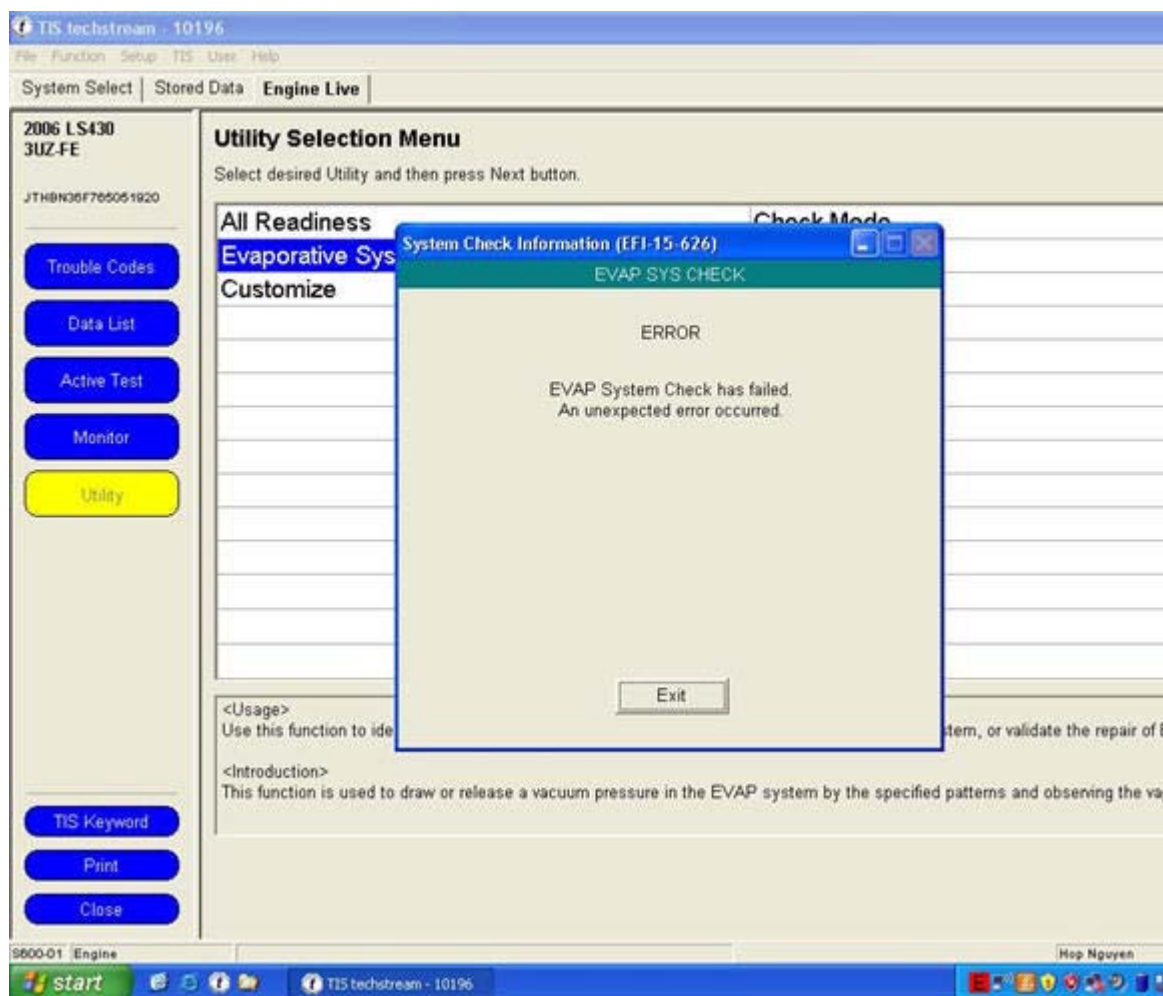
2/10/2010 2:16:00 PM Campaign Available:NO

S309-06

## 2. EVAP System Check Failure

**Vehicle:**2006 LS430

**Description:**Attempting to perform EVAP System Check will result in error screen and the function will be inoperable. Please refer to the repair manual for instructions on manually inspecting the Evap System.



## 3. Health Check DTC Clear All Failure

**Vehicle:**2009-2010 Corolla, xD

**Description:**When using the Clear All DTC function from the Health Check Screen with IG ON and engine not running, the progress indicator will loop continuously until the DTC's clear (after 5 or 6 minutes). This also occurs when clearing DTC's of the EMPS System. This issue can be avoided by having the engine running while clearing DTC's.

#### **4. Unable to Perform VIN Write Unless Exiting the Application**

**Vehicle:**04MY Vehicles reprogrammed with a 05MY Cal.

**Description:**Unable to perform VIN Write on a 04MY Vehicle, after reprogramming the Engine and ECT ECU with a 05MY Calibration file. Since it is very difficult for the software to identify a 04 Vehicle after updating with a '05 Calibration file, you must exit out of the application and reconnect to utilize the VIN write function.

---

### **CLOSED ISSUES**

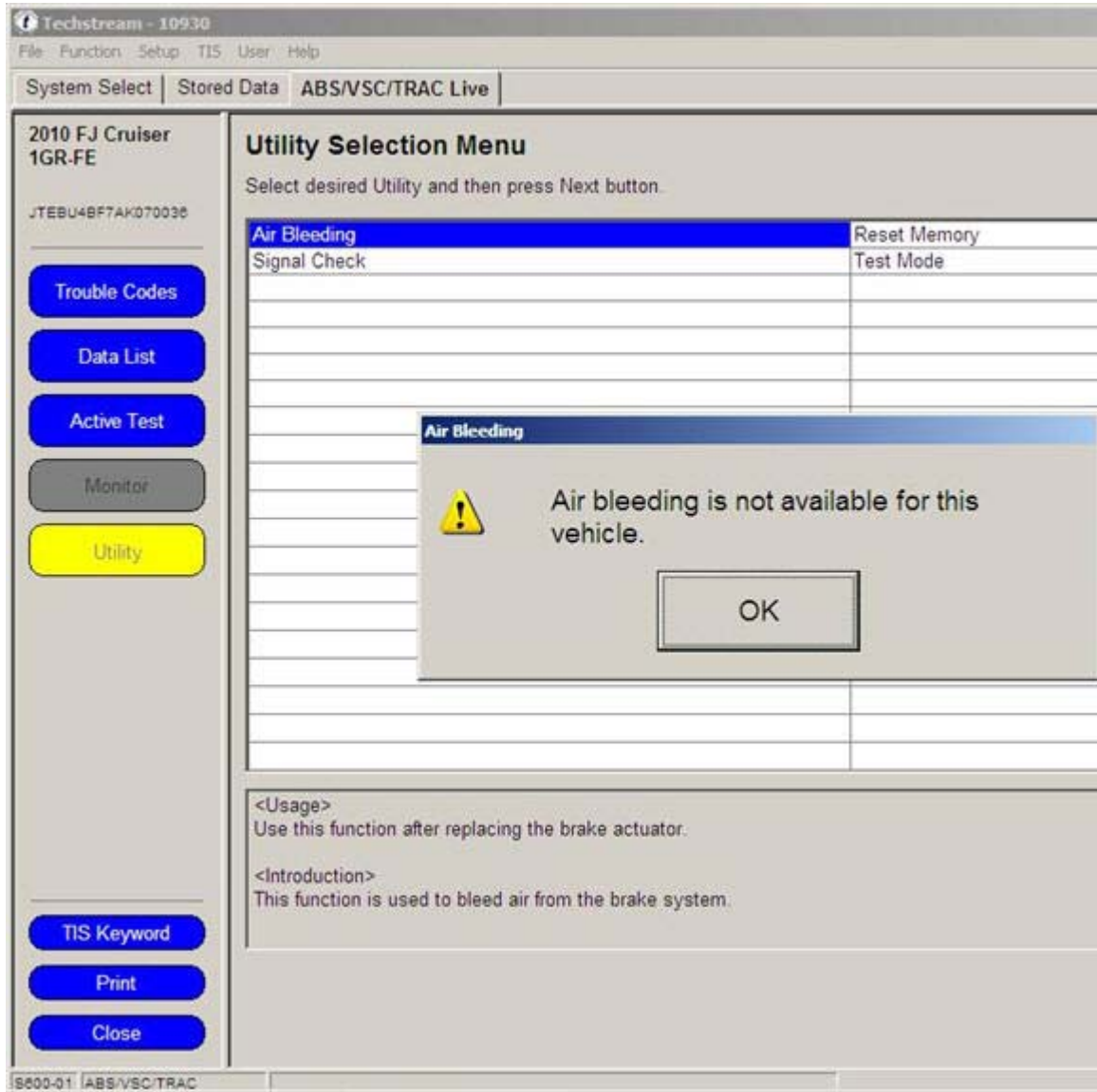
#### **1. Unable to Access Air Bleeding Utility**

**Vehicle:**FJ Cruiser

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When accessing the ABS Air Bleed Utility, an error window will display "Air bleeding is not available for this vehicle" and will not allow access to the utility.

**Status:**This issue is fixed in v.5.10 Techstream Software.



## 2. Unable to Generate Health Check Report when VIN Input is Required

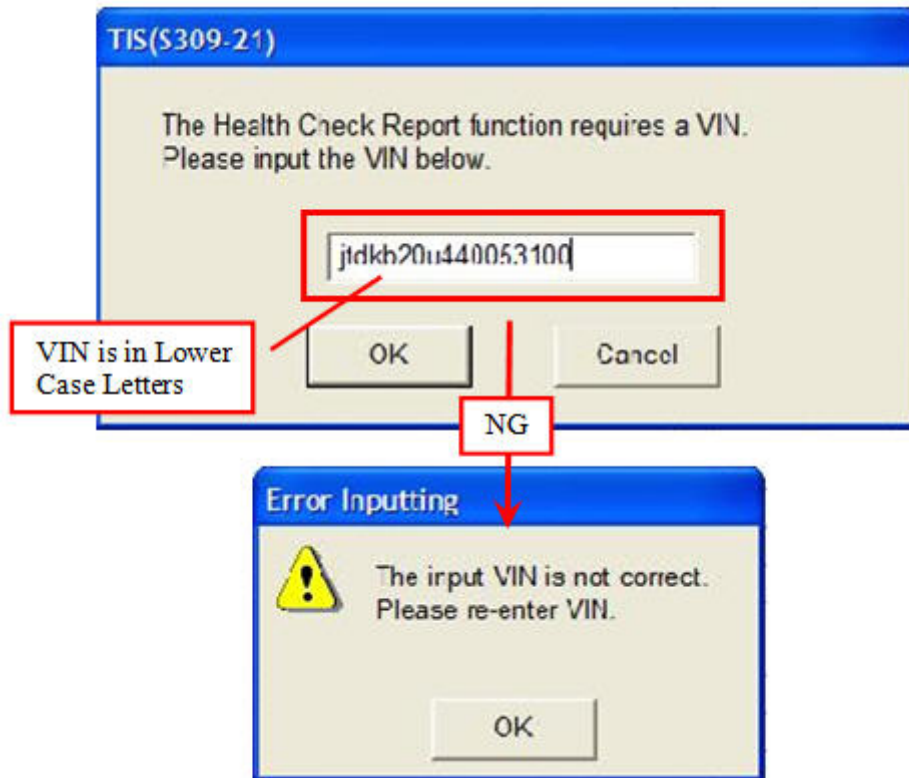
**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When performing a User Health Check Report on a vehicle that does not have VIN data, Techstream will ask to input the VIN after selecting the User Health Check Report button. If the VIN is inputted using lower case letters a window

will display saying the input VIN is not correct.

**Status:** This issue is fixed in v.5.10 Techstream Software.



### 3. Catalyst Efficiency Test Results are Inaccurate when Printing

**Vehicle:** 2004 4Runner

**Device(s):** Techstream and Techstream Lite (Mongoose VIM)

**Description:** When viewing the Catalyst B2 Test Results in the Cumulative Monitor Screen, it accurately reflected the vehicle condition by displaying a "fail" result. However, when printing the monitor status report, the printout indicated "pass" for the

same Catalyst B2 Test Result.

**Status:** This issue is fixed in v.5.10 Techstream Software.

Cumulative Monitor | Current Monitor | Monitor

Misfire

Fuel System

Composition Parts

Catalyst Efficiency | Test Results (S308-02)

Heated Catalyst

Evaporative System

Secondary Air System

A/C System

O2 Sensor

O2 Sensor Heater

Exhaust Gas Recirculation

Thermostat

HC adsorber

Injector

Diesel Throttle

Test Results

Test	Result	Min	Max	Test Value	Unit
CATALYST B1	Pass	-	0.499	0.085	
CATALYST B2	Fail	-	0.499	0.994	

Test Description

Printer icon | Save icon | Close icon

**Monitor Status Report**  
Engine and ECT(1 of 1)

**Monitor Summary**

Monitor	Cumulative	Result	Summary
Misfire	Available	-	Infin
Fuel System	Available	-	Infin
Composition Parts	Available	-	Infin
Catalyst Efficiency	Incomplete	Fail	Thumb Do
Heated Catalyst	N/A	-	N/.
Evaporative System	Incomplete	Pass	?
Secondary Air System	N/A	-	N/.
A/C System	N/A	-	N/.
O2 Sensor	Incomplete	Pass	?
O2 Sensor Heater	Complete	Pass	Thum
Exhaust Gas Recirculation / VVT	N/A	-	N/.
Thermostat		Pass	
HC adsorber		-	
Injector		-	
Diesel Throttle		-	

Should display "Fail"

**Test Results Report**  
Engine and ECT(1 of 1)

Test	Result	Min	Max	Test Value
CATALYST B1	Pass	-	0.499	0.085
CATALYST B2	Pass	-	0.499	0.994

4. Engine Data List Error



**Vehicle:**2009-2010 Corolla

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**When attempting to access the Engine ECU Data List, an error window may display. If the error displays, please try connecting to the same function again. The second attempt will most likely allow connecting to the data list, but the refresh rate may be slower than expected.

**Status:**This issue is fixed in v.5.10 Techstream Software.



## 5. Transmission Control Data List Error

**Vehicle:**2010 Prius

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**An error window may randomly display after viewing the Transmission Control ECU Data List for an undetermined length of time. If an error occurs, please try connecting to the function again.

**Status:**This issue is fixed in v.5.10 Techstream Software.



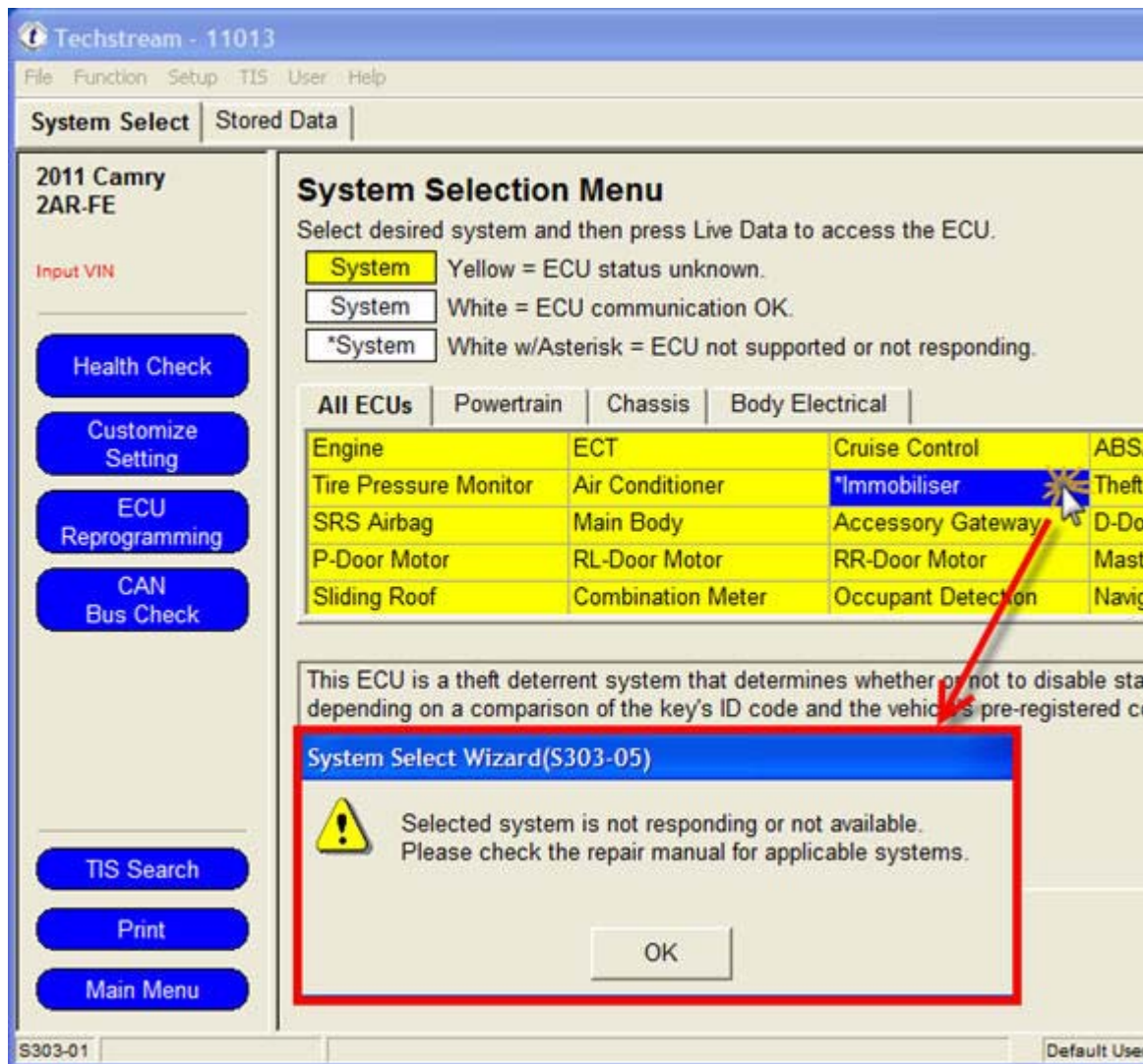
## 6. Unable to Access Immobilizer System

**Vehicle:**2011 Camry

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When attempting to access the Immobilizer System, and error window will display indicating this system is not responding or not available.

**Status:**This issue is fixed in v.5.10 Techstream Software.



## 7. Eco Drive Indicator Customize Function Description is Incorrect

Vehicle:2010 LS460

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**The Item Description for the ECO Drive Indicator in Techstream states "Function to change the ECO Drive Indicator." However, the Repair Manual describes this function as "To enable or disable eco driving indicator zone display in the multiinformation display."

**Status:**This issue is fixed in v.5.10 Techstream Software.

**Customize (S601-06)**

**Select Customize Parameter**

ITEM	SETTING		
Approach Display OFF	Not Avail	Avail	
Display Mode	All	Undisp	
Language	English	Spanish	
ECO Drive Indicator	OFF	ON	

**Item Description**

Function to change the ECO Drive Indicator.

Descriptions do not match.

DISPLAY (ITEM)	DEFAULT	CONTENTS	SETTING
Language	English	To change language of display	English / Spanish / German* / Italian*
ECO Drive Indicator	ON	To enable or disable eco driving indicator zone display in the multiinformation display	ON / OFF

**8. Unable to Connect to SRS System**

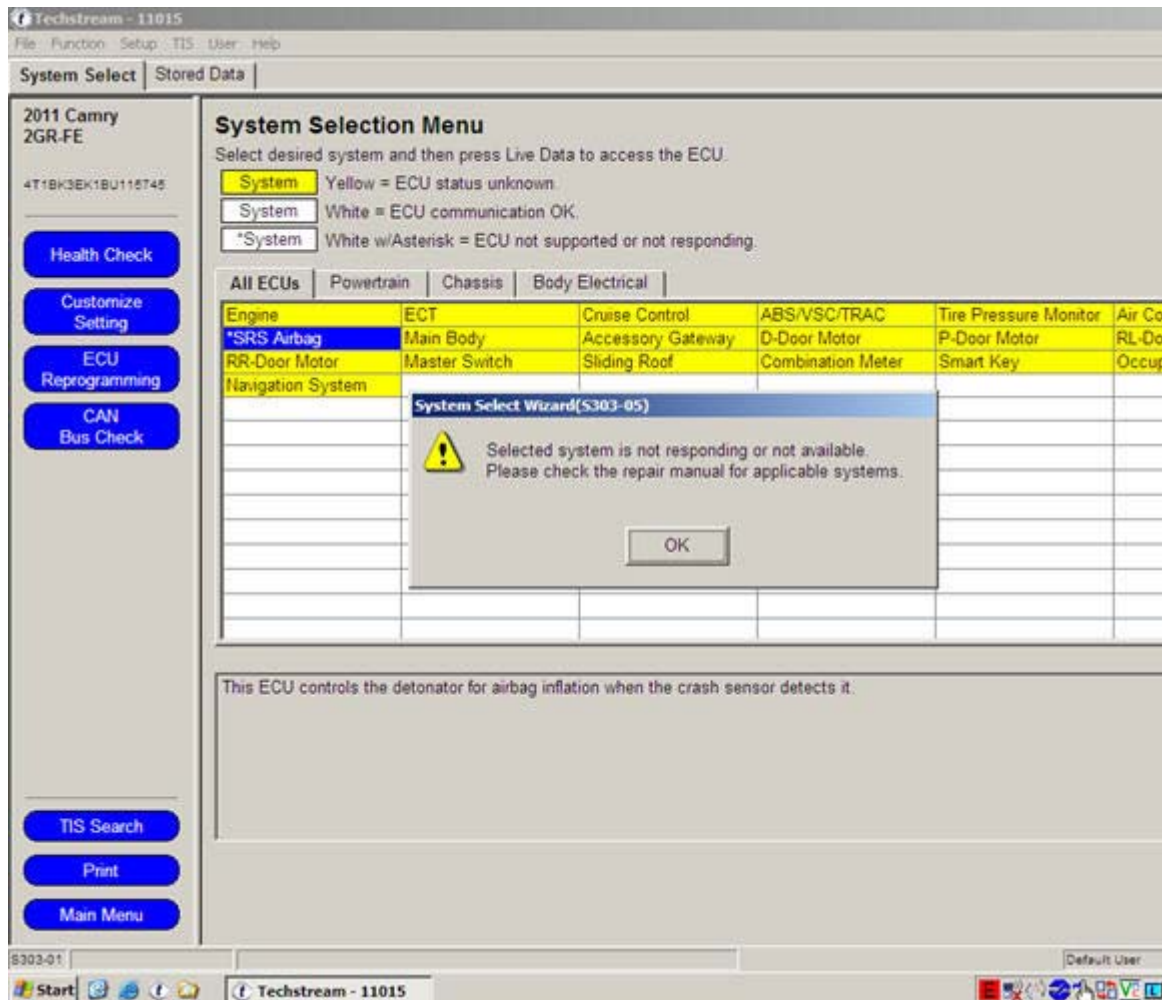
**Vehicle:**2011 Camry

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When trying to connect to the SRS System of the 2011MY Camry, ar

error screen results, indicating this system is not available on this vehicle.

**Status:**This issue is fixed in v.5.10 Techstream Software.



## 9. Evap System Check Error for Canister Control VSV

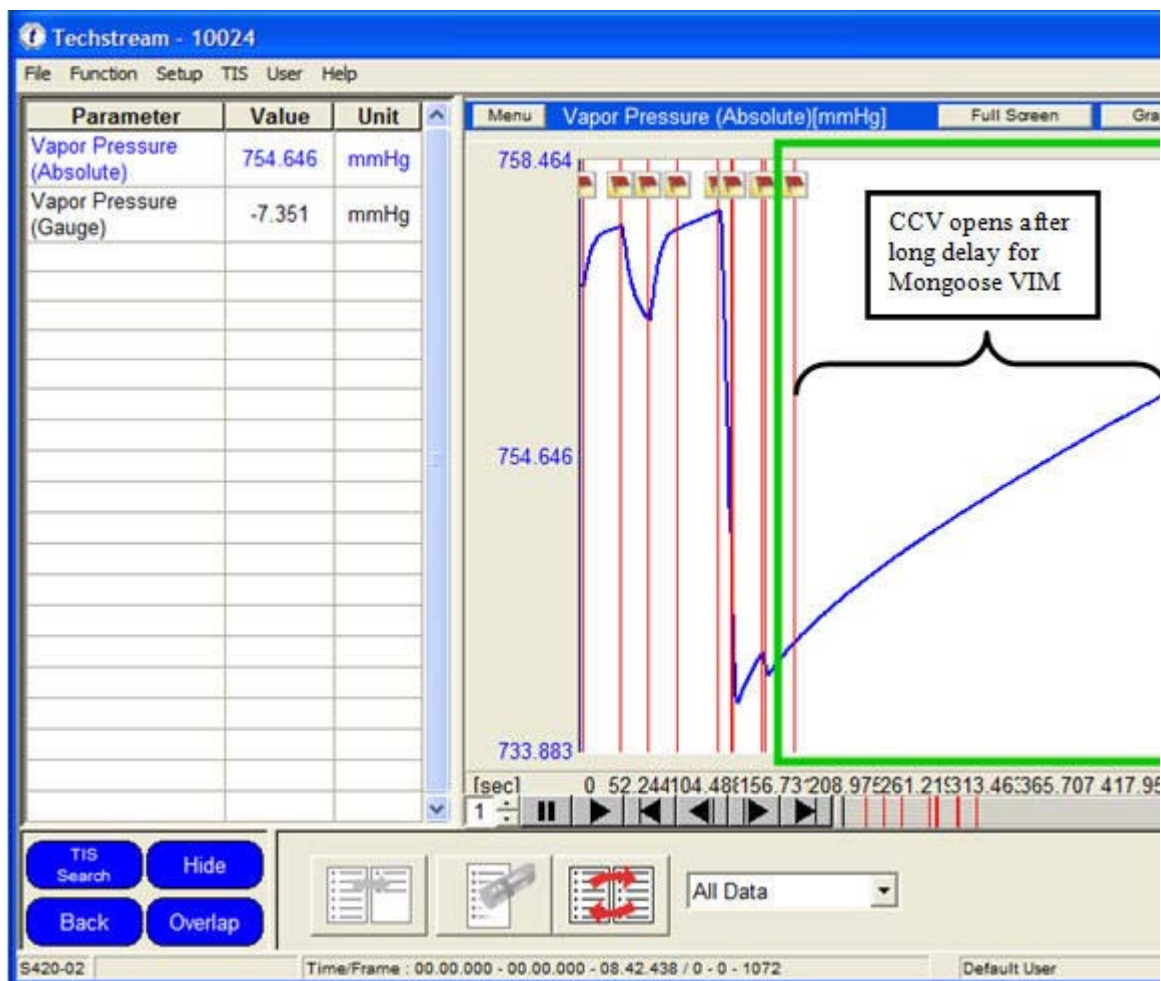
**Vehicle:**All Models w/ Late Type Evap System

**Device(s):**Techstream Lite (Mongoose VIM)

**Description:**When using the Mongoose VIM to perform the Evap System check or

Late Type Evap Systems, a long delay occurs when the step involves changing the state of the Canister Control VSV (step 4 and 9). In some cases it may take a few minutes for the Canister Control VSV to physically open/close after clicking the "next" button in the Evap System Check Utility.

**Status:**This issue is fixed in v.5.10 Techstream Software.



## 10. Engine and ECT Data List Parameter Error

Vehicle:All

Device(s):Techstream and Techstream Lite (Mongoose VIM)

Description:When viewing the Engine and ECT Datalist for 4 or 6 cylinder engine vehicles, the Cylinder Misfire Count Parameter will display 8 available cylinders.

Status:This issue is fixed in v.5.10 Techstream Software.

Techstream - 10242  
File Function Setup TIS User Help  
System Select | Stored Data | Engine and ECT Live

2002 Prius  
1NZ-FXE  
Input VIN

Trouble Codes  
Data List  
Active Test  
Monitor  
Utility

TIS Search  
Print  
Close

Parameter	Value	Unit	Parameter	Value
Injector	0.0	ms	Cylinder #3 Misfire Count	0
IGN Advance	5.0	deg	Cylinder #4 Misfire Count	0
CALC Load	0.00	%	Cylinder #5 Misfire Count	0
MAF	0.07	gm/sec	Cylinder #6 Misfire Count	0
Engine SPD	0	rpm	Cylinder #7 Misfire Count	0
Coolant Temp	118	F	Cylinder #8 Misfire Count	0
Intake Air	113	F	MISFIRE RPM	0
Throttle POS	14	%	MISFIRE LOAD	0.0
Vehicle SPD	0	MPH	# Codes	0
O2S B1 S1	0.000	V	Check Mode	OFF
O2S B1 S2	0.000	V	AS Test	COM
Short FT #1	-0.04	%	OXS2 Test	COM
Long FT #1	0.74	%	OXS1 Test	COM
TOTAL FT #1	1.012	%	BATTERY	11
O2FT B1 S1	-0.04	%	Injector	0.0
O2FT B1 S2	99.15	%	Revised Injection Volume	1.2
FUEL SYS #1	OL		FUEL FB COEF	1.0
FUEL SYS #2	UNUSED		A/F Learn	0
MIL Status	OFF		Purge Learn	0
O2 LR B1 S1	0	ms	KCS Feedback	0.0
O2 RL B1 S1	0	ms	Request Engine Power	0.0
O2 RL B2 S1	0	ms	RAM Monitor	INCN
A/C Cut SIG	ON		Engine Run Signal	OFF
Fuel Pump	OFF/M.L		ACC Racing Signal	OFF
EVAP VSV	OFF		Engine Warming Up Signal	OFF
VVT CTRL B1	OFF		Engine Run Permission	PROH
IGNITION	0		FC Status	-No D
Cylinder #1 Misfire Count	0		Engine Stop Limit	ISC L
Cylinder #2 Misfire Count	0			

8 Cylinder Misfire count on a 4 cylinder vehicle

Diagnosis

S305-01 Engine and ECT 1178 ms Default User

Start COM1:38400baud - Te... Tera Term: Log Techstream - 10242

## 11. Data List Refresh Rate is Slow



Vehicle:Non-CAN Vehicles

Device(s):Techstream Lite (Mongoose VIM)

Description:When viewing a Data List while using the Mongoose VIM, the refresh rate will be noticeably slow.

Status:This issue is fixed in v.5.10 Techstream Software.

Techstream - 10623

File Function Setup TIS User Help

System Select | Stored Data | Engine and ECT Live

2008 Prius  
1NZ-FXE  
JTDKB20U083300195

Trouble Codes  
Data List  
Active Test  
Monitor  
Utility

Parameter	Value	Unit	Parameter
Vehicle Speed	0	MPH	Throttle Require Position
Engine Speed	0	rpm	Throttle Sensor Position
Calculate Load	0.0	%	Throttle Position No. 1
Vehicle Load	0.0	%	Throttle Position No. 2
MAF	0.46	gm/sec	Throttle Position No. 1
Atmosphere Pressure	3	psi(gauge)	Throttle Position No. 2
Coolant Temp	-40	F	Throttle Position Command
Intake Air	-40	F	Throttle Sens Open Pos #1
Ambient Temperature	-36	F	Throttle Sens Open Pos #2
Engine Run Time	0	s	Throttle Sens Open #1(AD)
Initial Engine Coolant Temp	176.0	F	Throttle Motor
Initial Intake Air Temp	68.0	F	Throttle Motor Current
Battery Voltage	12.4	V	Throttle Motor DUTY
Accel Sens. No.1 Volt %	0.0	%	Throttle Motor Current
Accel Sens. No.2 Volt %	0.0	%	Throttle Motor Open Duty
Accel Sensor Out No.1	0.000	V	Throttle Motor Close Duty
Accel Sensor Out No.2	0.000	V	Throttle Motor Duty (Open)
Accel Sensor Out No.1	0.0	V	Throttle Motor Duty (Close)
Accel Sensor Out No.2	0.0	V	Throttle Fully Close Learn
Accelerator Idle Position	OFF		ETCS Actuator Power
Accel Fully Close #1 (AD)	0.0	V	+BM Voltage
Accel Fully Close Learn #1	34.6	deg	Actuator Power Supply
Accel Fully Close Learn #2	54.6	deg	Clutch Current
Throttle Sensor Volt %	100.0	%	Fail Safe Drive
Thrott Sensor #2 Volt %	100.0	%	Fail Safe Drive (Main CPU)
ST1	ON		Fuel Press
System Guard	OFF		Injection Volum (Cylinder1)
Open Side Malfunction	OFF		Fuel Pump Speed Control
Throttle Idle Position	OFF		Fuel Pump/Speed Status
			Vacuum Pump

1984 ms

S306-01 Engine and ECT 1984 ms

## 12. Hybrid Control Data List Displays Duplicate Parameters

Vehicle:2004-2010 Prius

Device(s):Techstream and Techstream Lite (Mongoose VIM)

Description:When viewing "All Data" in the Hybrid Control data list, many of the listed parameters display multiple duplicates.

Status:This issue is fixed in v.5.10 Techstream Software.

The screenshot shows the Techstream software interface for a 2009 Prius 1NZ-FXE. The 'Data List' is expanded to show 'Data 1' with a list of parameters. A red box highlights several parameters, and a callout box labeled 'Duplicate Parameters' points to the first two entries: 'Power Resource VB' and 'Power Resource IB'. The table below shows the parameters and their values.

Parameter	Value	Unit	Parameter
Power Resource VB	214	V	W/N Control Power
Power Resource IB	0	A	Drive Condition ID
VL-Voltage before boosting	4	V	Power Resource VB
VH-Voltage after boosting	0	V	Power Resource IB
Boost Ratio	0.0	%	Shift Sensor Shift Pos
Drive Condition ID	0		Accel Sensor Main
Shift Sensor Main	2.43	V	Auxiliary Batt Voltage
Shift Sensor Sub	2.43	V	Coolant Temperature
Shift Sensor Select Main	1.37	V	VL-Voltage before boosting
Shift Sensor Select Sub	1.43	V	VH-Voltage after boosting
Shift Sensor Shift Pos	P		The time of ignition On
Crank Position	74	deg	Vehicle Speed(Max)
A/C Consumption Pwr	0.000	KW	A/C Power
Loading Condition	MG1		Engine Stop Request
Driving Pattern 1	Lo Spd		Engine Idling Request
Driving Pattern 2	Lo Spd		Engine Fuel Cut
Driving Pattern 3	Lo Spd		Main Batt Charging Rqst
Short Wave Highest Val	4.99	V	Engine Warming Up Rqst
MG1 Control Mode	0		Stop Switch
MG1 Carrier Frequency	5 kHz		Cruise Control
MG2 Control Mode	0		Exclusive Information 1
MG2 Carrier Frequency	5 kHz		Exclusive Information 2
Type of ECU	HV ECU		Exclusive Information 3
Num of Current Code	0		Exclusive Information 4
Num of History Code	0		Exclusive Information 5
Check Mode	OFF		Exclusive Information 6
Calculate Load	0.0	%	Exclusive Information 7
Throttle Position	14.1	%	Occurrence Order
Information 1	0		Inv-T (MG1) afr IG-ON
Generator(MG1) Rev	-16384	rpm	Inv-T (MG2) afr IG-ON
Motor(MG2) Revolution	-16384	rpm	Mtr-T (MG2) afr IG-ON
Generator(MG1) Torq	-512	Nm	Conv-Tmp after IG-ON
Motor(MG2) Torq	-512	Nm	SOC after IG-ON
Inverter Temp (MG1)	-58	F	Inv-Temp (MG1) Max
Inverter Temp (MG2)	-58	F	Inv-Temp (MG2) Max
Motor Temp MG2(No2)	-58	F	Mtr-Temp (MG2) Max
Motor Temp MG2(No1)	-58	F	Converter Temp Max
Request Power	0	Kw	Status of Charge Max
Engine Spd	0	rpm	Status of Charge Min
Master Cylinder Ctrf Trq	-512	Nm	Information 2
State of Charge	0.0	%	Generator(MG1) Rev
WOUT Control Power	0	W	Motor(MG2) Revolution

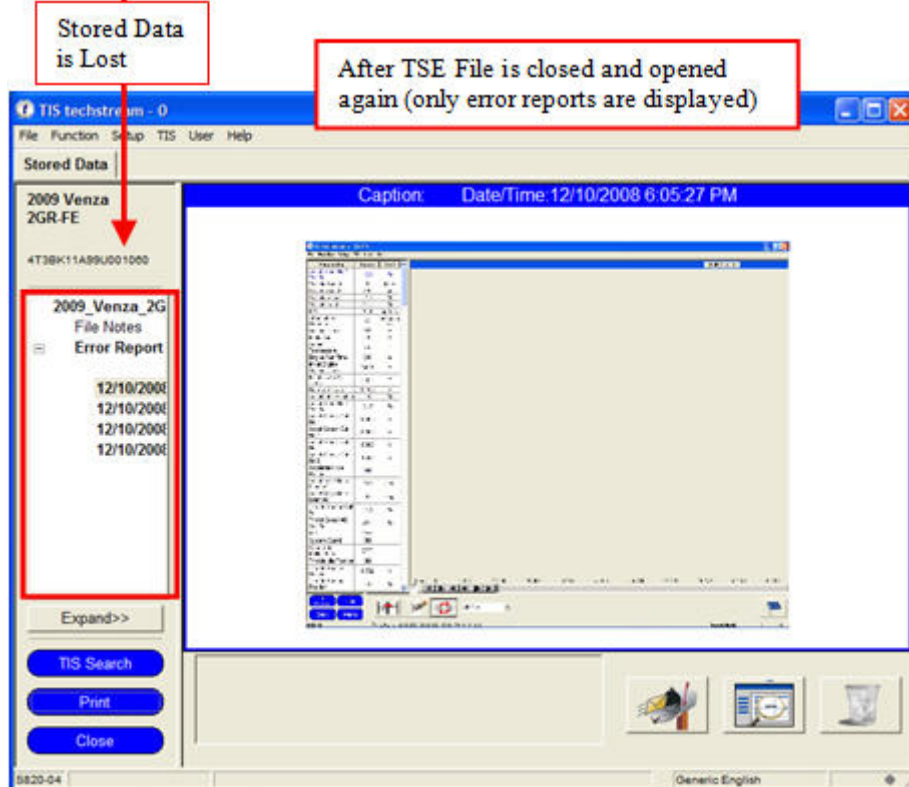
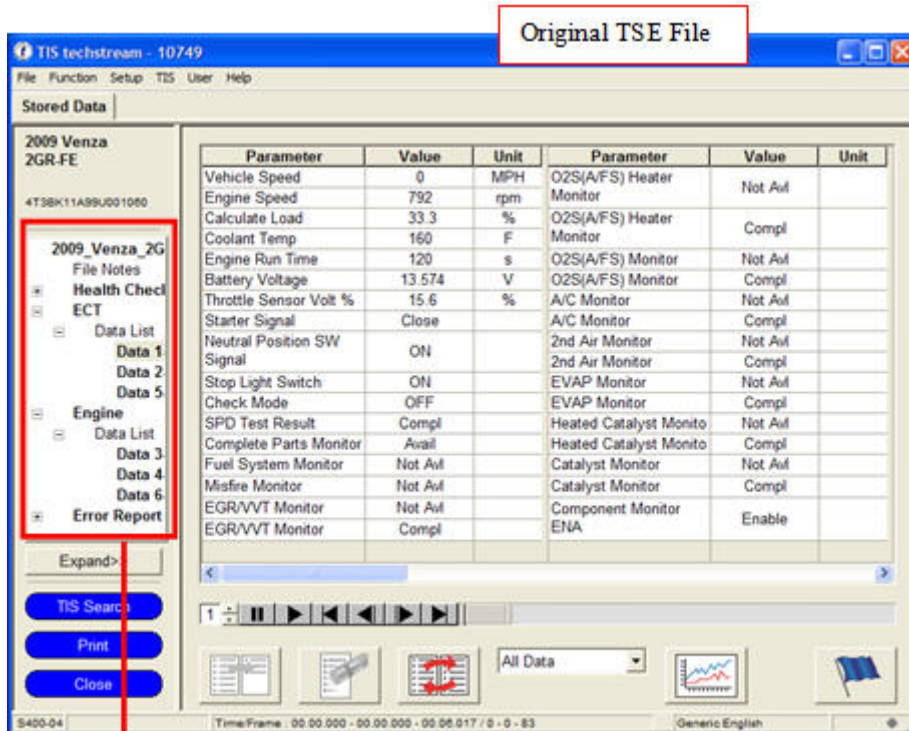
### 13. Saved Data is Lost

**Vehicle:**All

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When viewing and closing a saved TSE file, the file will lose all stored data intermittently and will only display Automated Error Reports the next time the file is opened.

**Status:**This issue is fixed in v.5.10 Techstream Software.



#### 14. LED Graph Inaccuracy - Air Injection Check Utility Snapshot

**Vehicles:**2008 Tundra V8 (3UR-FE), 2008 Sequoia (3UR-FE)

**Device(s):**Techstream and Techstream Lite (Mongoose VIM)

**Description:**When replaying the Air Injection Check Utility snapshot, the Air Pump and ASV parameter graph will always show as "ON" when using the LED type graph even when the parameter value is OFF or CLOSE.

**Status:**This issue is fixed in v.5.10 Techstream Software.

TIS techstream - 10717

Parameter	Value	Unit
AIR PUMP 1	OFF	
AIR PUMP 2	OFF	
ASV 1	CLOSE	
ASV 2	CLOSE	
A/F Bank 1	14.43644	
A/F Bank 2	14.44798	
Air Pressure (Absolute)	14.65	psi
Air Pressure (Gauge)	0.00	psi
Pulsation	-14.69	psi(gauge)
Air Pressure 2 (Absolute)	14.50	psi
Air Pressure 2 (Gauge)	0.00	psi
Pulsation 2	-14.71	psi(gauge)
AI Test	READY	

Values do not correspond

ON

ON

ON

ON

TIS Search Hide Back Overlap

All Data

8420-02 Time/Frame : 00.00.000 - 00.00.000 - 00.07.943 / 0 - 0 - 23 Generic English

