Suzuki Techline Connect Installation and Use Instructions.

Subject:

GM Techline Connect replacing GM Tis2web

Model/Years: XL7 (2007 to 2009)

On Monday November 29, 2021, the **GM Techline Connect** website will replace the current **GM Tis2web** website that provides online support for the 2007-2009 Suzuki XL7. Once installed, Techline Connect will provide all the same programming and software download functions as Tis2web, with a new easier-to-use format.

Tis2web is a General Motors (GM) website available through Genuine Suzuki Manuals that allow technicians to:

- 1) Program calibration files for modules in the 2007-2009 Suzuki XL7 (Refer to item #11 later in this bulletin).
- Download and install diagnostic software into a GM 32 MB memory card used with the Tech 2 diagnostic tool to perform diagnostics on the XL7 (Refer to item #28 later in this bulletin).

Techline Connect requires an initial download of the Techline Connect software. After installation is complete, you will be able to access Techline Connect through the www.GenuineSuzukiManuals.com website.

To access Techline Connect for the first time, perform the following steps.

- 1) Go to **www.GenuineSuzukiManuals.com** website select **Automotive** for the product type.
- 2) Then select the **Model Year** and **XL7** for the Model and click on **Search**.
- 3) Then under Security and Diagnostics click on Click to Show.
- 4) Next you will see "2007-2009 XL7 (Techline Connect Pass-Thru Programming and Memory Card Diagnostic Software - 24-hour (Single Day) Subscription)". Click on the Add To Cart button and follow the steps to purchase the 24-hour subscription.

2007-2009 XL7 (Techline Connect Pass-Thru	
Programming and Memory Card Diagnostic Software - 24	ADD TO CART ACCESS
hour (Single Day)	
Subscription.)	

5) Once the purchase process is complete, you will be given an access code.



6) Click on the Access button on the confirmation page, or Navigate back to the **Techline Connect Pass-Thru Programming and Memory Card Diagnostic Software** link above and click on the Access button to input the supplied access code.

7) If it is not already listed, Input the access code and click on ACCESS Techline Connect.

This will take you to the Techline Connect Admin Console.

Access Code Required							
our 8-digit access code vou purchased:							
ACCESS TechLine Connect							
	Required our 8-digit access code you purchased: ACCESS TechLine Connect						

 The first time in Techline Connect, you will need to download the Techline Connect software. Make sure "Launch Techline Connect as admin" is checked. Then click on "Download Techline Connect" and the software will begin to download.

TLC Admin Console	
Home	
Launch Techline Connect as admir	
Download Techline Connect	Launch Techline Connect

9) Run the software by clicking on the TLC installer.



10) Install the Techline Connect software by Suite by clicking on Next.



11)Click on **Complete** to install the complete suite. Please be patient, the software installation may take several minutes.



12) Once the installation is complete, click on Finish.



13)Techline Connect will start and ask for a username and password. <u>Close Techline</u> <u>Connect</u> and the Profile Preferences windows to completely exit Techline Connect.

achline Connect			
	TECHLINE	Password Management	
	CONNECT	First Time User	
	Username	Terms and Conditions	
	Password		
	Enter Standalone Mode	Submit	
	Enter Standalone Mode	Submit	
GM Techline C	Enter Standalone Mode	Submit	
GM Techline C Version: 1.12.0.1 P	Enter Standalone Mode	Submit	
GM Techline C Version: 1.12.0.1 P Preferences	Enter Standalone Mode onnect roduction Settings	Submit Download Settings	Remote Support
GM Techline C Version: 1.12.0.1 P Preferences PROFILI	Enter Standalone Mode	Submit Download Settings	Remote Support
Image: Market State Image: Market State Preferences PROFILI	Enter Standalone Mode	Submit Download Settings	Remote Support
M Techline C Version: 1.12.0.1 P Preferences PROFILI Locale	Enter Standalone Mode	Submit Download Settings CES:	Remote Support
Comparison Internet Control Co	Enter Standalone Mode	Submit Download Settings CES:	Remote Support
Image: Market State Image: Market State Preferences PROFILI Locale English Region North America	Enter Standalone Mode	Submit Download Settings CES:	Remote Support
Constant Consta	Enter Standalone Mode	Submit Download Settings CES:	Remote Support

14) The software installation is now complete. You must go back to Genuine Suzuki Manuals and reinput the access code to restart Techline Connect and begin using it for the first time.

15) SPS2 Service Programming System

The Service Programming System 2 (SPS2) updates the flash calibration files that are stored on onboard vehicle control modules using Pass-Thru Programming tools. You must have the Techline Connect software installed prior to using SPS2 for vehicle programming.

- 16)To start SPS2 Pass-Thru Programming, attach your Tech 2, SDT 2, Suzuki SEPS, or other J2534 compliant Pass-Thru tool to the computer and the vehicle. Make sure you have communication between the tool and the computer. **Attach a battery tender to the battery to maintain battery voltage.**
- 17)Start Techline Connect by going to www.GenuineSuzukiManuals.com website and select **Automotive** for the product type, select the **Model Year** and **XL7** for the Model and click on Search.
- 18) Then under Security and Diagnostics click on Click to Show.
- 19) Next you will see "2007-2009 XL7 (Techline Connect Pass-Thru Programming and Memory Card Diagnostic Software - 24-hour (Single Day) Subscription)". If you have not purchased a subscription, go to step 4 and follow the purchase process. If you already purchased a subscription and have an access code, click on the Access button and input your access code. This will launch Techline Connect.

2007-2009 XL7 (Techline Connect Pass-Thru Programming and Memory Card Diagnostic Software - 24 hour (Single Day) Subscription.)



20)Each time you start Techline Connect you will begin at the Admin Console. Make sure **Launch Techline Connect as admin** is checked and click on **Launch Techline Connect**. This will launch the Techline Connect application.

TLC A	dmin Console	
Home		
Z Launch	Techline Connect as adr	nin
💠 Downk	bad Techline Connect	✗ Launch Techline Connect

21)Techline Connect will check for any necessary software updates and configuration files and then take you to Vehicle Selection.



22)For Pass-Thru programming, you will not initially use vehicle selection, so close it by clicking on the X in the upper right corner and that will take you to the Dashboard.

Vehicle Selection: Select Vehicle		×
Connect Vehicle	Recent Vehicles	Û
Connect Venicie	2\$3DB x0000000000	×
Manual Vehicle Selection Input VIN	1021019 00 AM 2S3DA X00000000000 	×
Year		
Make		
± ·		
Model		
Current SI Region North America		
Reset Vehicle Session		Select

23) To start Pass-Thru Programming, click on SPS2 (Service Programming System 2) at the top of the Dashboard. The major difference from current SPS and SPS2 in Techline Connect is that the vehicle connection is established in the Techline Connect Dashboard.



24)SPS2 will open after a short startup and display the detected VIN, there is no need to "build the vehicle".

<u>GM</u>	Techline Version: 1.12.0			008 • Suzuki • XL-7 AW	D Connect Vehic	le	0	1 0A7B888 ¥
DASH	IBOARD	S	I SPS2		Support -	RPO 🔻	Search Service Manu	als Q
SPS2								_ 🗆 ×
				Welcome to Service P	rogramming System 2			
VIN: Model: - Type: LI Make: S Year: 20	2S3DB - D Trk, MPV, Ind Juzuki J09	complete		· · · ·	Diagnostic Tool Ready! J2534 Selected Programming Process	Reprogram Reprogram Replace and R	♥ eprogram	
			Auto Detect New Vehicle	Manually Enter Vehicle			Auto Detect Tool	Manually Select Tool
Java Ve 1.8.0_92	ersion: SPS2 2.12.2	2 Version: 23.5217	Windows Version: Windows 10					

- 25)You will see the VIN listed on the left surrounded by a green outline and the **Diagnostic Tool Ready** message on the right surrounded by green outline. This is a confirmation of the valid VIN and a good connection to the pass-thru tool.
- 26)Select the correct programming process
 - a. Reprogram
 - b. Replace and Reprogram.
- 27) Click Next.

28)Select the Controller Module to be reprogrammed from the list and click Next.

DASHBOARD	GDS2 SI SPS2	Support - RPO - Starch Service Manuals Q
SPS2		_ 🗆 ×
		Supported Controllers
Select Controller		
Code		Controller Name
BCM	Body Control Module	
EBCM	Electronic Brake Control Module	
HVSM	Heated, Vented Seat Module	
HVAC	Heating, Ventilation, and Air Conditioning	
IPC	Instrument Panel Cluster	
PPSU	Passenger Presence System	
PCM/VCM	Powertrain/Vehicle Control Module	
RAD	Radio	
RCDLR	Remote Control Door Lock Receiver	
SDM	Sensing and Diagnostic Module	
TDM	Theft Deterrent Module	
TCM	Transmission Control Module	
V.T.D.	Vehicle Theft Deterrent	

- 29) SPS2 will confirm controller to be programmed. Click Next.
- 30) SPS2 will confirm the calibration file to be programmed into the module. Click Next.

DASHBOARD	GDS2	SI	SPS2					Support 👻	RPO *	Search Service M	mada	Q
SPS2											_	×
					Calibratio	on Selection						
Body Control Mor	lule - Programm	ing										
Calibration												
Coperating system										-		
System												
Charging/Energy Storag	1											
Interior/Exterior lighting												
Wiper Control										U		
Locking												
Theft deterrent alarm												
HVAC Control										~		
Index												
* × 16001862												
* 🗙 25828124												
25875231												
25928291												
▼ ¥ 25828126												
* 🗙 25875232												
25928292												

- 31) Pre-programming instructions will be displayed. Click Next.
- 32) The new calibration file will be downloaded and programmed into the module.

DASHBOARD	GDS2 S	II SPS2	ŝ.				Support - RPO - Search Service Manuals	Q
SPS2							_	×
						Sume	нату	
Body Control Module - Prog	ramming							
Controller		ID		Current #		Selected #	Description	
BCM	1		Unrecognized	Calibration	25910475		Operating system	
8CM	2		Unrecognized	Calibration	25928292		Calibration for vehicles withOUT steering wheel buttons. (RPO UK3)	
8CM	3		Unrecognized	Calibration	25928307		New calibration for running software change.	
8CM	4		Unrecognized	Calibration	25928268		Calibration for vehicles with fog lamps	
8CM	5		Unrecognized	Calibration	25928316		New calibration for running software change.	
8CM	6		Unrecognized	Calibration	25928305		New calibration for running software change.(For Chevrolet or Pontiac only)	
8CM	7		Unrecognized	Calibration	25928275		New calibration for running software change.	
BCM	8		Unrecognized	Calibration	25928312		New calibration for running software change.	
BCM	9		Unrecognized	Calibration	25928323		Powertrain Control	
8CM	10		Unrecognized	Calibration	25928309		New calibration for running software change.	
BCM	11		Unrecognized	Calibration	25928310		New calibration for running software change.	

33)When programming is complete, clear any DTCs and follow SPS2 instructions to finalize programming.

34) Tech 2 Diagnostic Software Update Download

To download the Tech 2 diagnostic software to a memory card, you must have:

- c. A Tech 2 diagnostic tool connected to the computer with all the correct RS232 cable, serial port adapter and USB adapter and USB cable if necessary.
- d. The Techline Connect software installed.

- 35)Start Techline Connect by going to **www.GenuineSuzukiManuals.com** website and select **Automotive** for the product type, the **Model Year** and **XL7** for the Model. Then click on **Search**.
- 36)Under Security and Diagnostics click on Click to Show.
- 37) Next you will see "2007-2009 XL7 (Techline Connect Pass-Thru Programming and Memory Card Diagnostic Software - 24-hour (Single Day) Subscription)". If you have not purchased a subscription, go to step 4 and follow the purchase process. If you already purchased a subscription and have an access code, click on the Access button and input the code to launch Techline Connect.
- 38)Each time you start Techline Connect you will begin at the Admin Console. Make sure **Launch Techline Connect as admin** is checked and click on **Launch Techline Connect**. This will launch the Techline Connect application.

TLC Admin Console	
Home	
Launch Techline Connect as ad	min
Download Techline Connect	

39)Starting Techline Connect you will see the Vehicle Selection screen. Close it by clicking on the X in the upper right corner.

Vehicle Selection: Select Vehicle		×
	Recent Vehicles	Û
Connect Vehicle Manual Vehicle Selection Input VIN Enter VIN Year Make Model	2S3DB XXXXXXXXXXX 10/21/21 9:03 AM 2S3DA XXXXXXXXXXX 10/20/21 6:08 PM	×
Current SI Region:North America		
Reset Vehicle Session	Sel	lect

40)This will take you to the Techline Connect Dashboard. Click on the **Support** dropdown menu and then click on **Software Download.**



41)Click on Tech 2 and then Custom, then click Next.

	Software Download 🖂 🔀
	Select Diagnostic Tool Tech 1 Tech 2
Settings	Update Mode. Standard The Applications will be automatically selected based on the current content of the Dispersion Text Custom Applications anguages must be selected from the list of available choices

- 42) Click on the correct version of the Tech 2 software to download to the memory card (If you receive any errors, check the connection to the Tech 2 and retry).
 - a. 31.003 is the most current diagnostic software for the XL7
 - b. 32.001 is only for the ABS on the Suzuki Forenza (refer to bulletin TS 03 02283)
 - c. Then click Download.



43) The software will start downloading.

	Performing the Software Download	
Download Progress		
Download Status	Estimated time remaining	
Starting download	00:07:51	
File Download Progress		

	Performing the Sc	oftware Download 🛄 🗙
15	The Selected Applications Erase Progress	are loaded onto the Diagnostic Tool
6	Download Progress	
	Download Status	
	Downloading .	Estimated time remaining 00:04:10
	4536757 Bytes read from 64	24774 Bytes

44)When download is complete click **Close**. The Tech 2 will go back to the home screen and display the updated software version **(31.003)** that was installed.

Downlo	ad Finished	
The following applications	have been downloaded to the Diagnostic Tool:	
Application Name:	Suzuki	
Version #:	31.003	
Card Size:	32	
Language:	EN	
Version Date:	2012-08-09	

45)Software download and installation is now complete.