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SERVICE MANAGER		© 2016 Subaru of	f Ameri	ca, Inc.	All righ	ts reserved.
CLAIMS PERSONNEL		provided, right.				
PARTS MANAGER		Should Read and Initial in the boxes				
PARTS MANAGER		Should Read and				

**IMPORTANT - AII** 

Service Personnel



### QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: All 2015-17MY Vehicles with Fujitsu TEN (F10) 7in. Multimedia Navigation (AVN) & Display Audio Units DATE: 10/16/14 REVISED: 05/18/16

SUBJECT: "Gen 2" & "Gen 2.1" Operating Tips

#### **INTRODUCTION:**

ATTENTION:

GENERAL MANAGER

This bulletin provides information to help diagnose and address different conditions relating to customer concerns which may arise when operating the new-generation "Gen 2" and "Gen 2.1" F10 Navigation and Display Audio systems. We will continue to add more helpful tips to this TSB as they become available.

#### **CONDITION #1:** Cannot receive incoming text messages on the head unit when using an iPhone.

#### CAUSE:

"Show Notifications" is not activated in the iPhone's Bluetooth Settings menu.

#### **RECOMMENDATIONS:**

1. From the iPhone Home Screen, select "SETTINGS".



2. From the Settings menu, select "Bluetooth".

л AT&T ᅙ	11:11 AM Settings	* =>
P Airplane	e Mode	OFF
🗟 Wi-Fi		fujitsu-10 🔉
Bluetoo	th	On >
VPN VPN		OFF

3. Press the "i" or  $\checkmark$  button next to the vehicle audio unit's name (SUBARU BT).

•••• AT&T	9:4	19 AM	* 🔳
Settings	Blue	etooth	
90:03:B7:45	:F	Not Conne	ected (i)
SUBARU B	г	Conne	ected (1)

#### Continued...

#### CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or in Envi to provide information that could assist in the proper servicing of the vehicle. Properly please trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this service Bulletin applies to your vehicle, or that your vehicle will have that condition.

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4. Slide "Show Notifications" button to "ON".

Forget this Device	Forget this Device
Show Notifications	Show Notifications
Sync Contacts	Sync Contacts

New incoming text messages will now be displayed on the head unit as they are received.

#### **NOTES:**

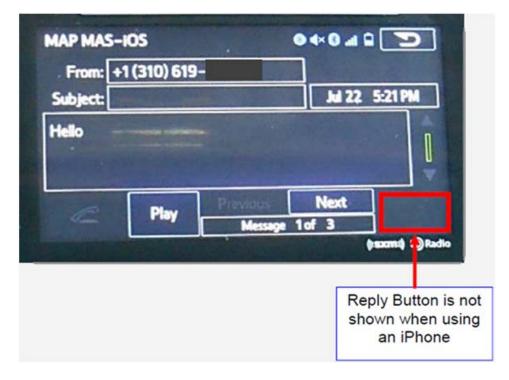
- Only text messages which are received when the iPhone is connected to the head unit will be displayed.
- Any archived text messages will not be transferred and therefore, cannot be displayed.
- The screen shot examples shown are from an iPhone 5. Other iPhone screen shots may vary based on model and iOS (operating system).

## **CONDITION #2:** Unable to reply to received text messages from the head unit when using an iPhone. CAUSE:

The MAP (Mail Access Profile) does not always allow the user to read and reply (both) to text message content from the smartphone connected to the head unit. Function of MAP profile varies by phone manufacturer. The iPhone provides the MAP (Text Message) feature via Bluetooth. As per Apple specifications, the iPhone's MAP does not support the reply function, only read is supported.

#### **RECOMMENDATION:**

Inform the customer when their iPhone is paired to the head unit, the head unit will be able to display and read aloud the incoming text messages. However, the "Reply" message function will not be available.



#### **CONDITION #3:** Unable to set up the "Destination Address" using voice command.

**NOTE:** First, confirm the address appears when typed into the head unit. If it does not appear, it will not appear when voice command is used.

#### CAUSE:

Voice commands are not spoken with the correct pause, timing or cadence between "House Number", "Street Name", "City Name" and "State" which the head unit can understand.

#### **RECOMMENDATION:**

Say the Destination Address with the correct pause, timing or cadence as shown in the example. Below are examples of incorrect and correct commands:

#### Incorrect command: 121[pause] Jackson [pause] Street [pause] Trenton [pause] NJ

#### Correct command: 121JacksonStreetTrentonNJ

THIS SCREEN IS DISPLAYED WHEN THE SYST	TEM IS READY TO ACCEPT THE DESTINATION ADDRESS.
Say an address.	
Say an addr 121 Jackson St, W Lake St, C or just say San F Say the addres	Trenton, NJ, hicago, IL rancisco, CA. Language
	(((SXM))) H) Radio

#### **CONDITION #4:** Sirius XM radio always cuts out or mutes at specific areas or locations.

#### CAUSE:

The vehicle is being driven in an area where no Sirius XM signal is able to reach the SiriusXM antenna from either the satellites or terrestrial (ground-based) signal repeaters. The SiriusXM feature of the head unit requires a clear line of sight (LOS) path from the satellites or terrestrial signal repeater to the Sirius XM antenna. Obstacles such as trees, tall buildings and tunnels can block the Sirius XM signal and cause Sirius XM radio reception to cut in and out.

#### **RECOMMENDATION:**

Explain to the customer, the vehicle's Sirius XM Antenna must receive the Sirius XM signal continuously. Any objects that block the signal will cause reception to cut in and out. Vehicle location and traveling direction can also affect the quality of the reception (or signal strength).

Continued...

**CONDITION: #5:** A "Phone" button is not displayed on the HOME screen.

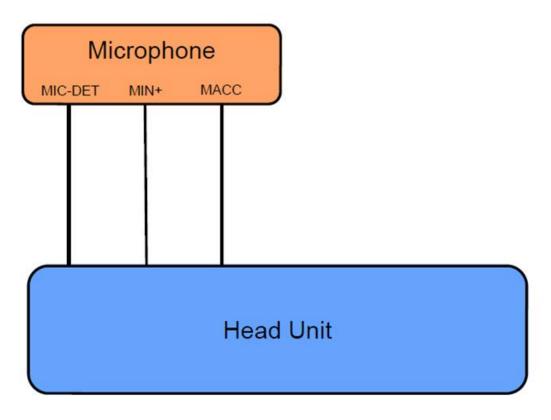


#### **POSSIBLE CAUSE:**

- Microphone is not properly connected to the head unit
- Microphone detection wiring (MIC DET) is open
- Microphone unit is defective

#### **RECOMMENDATIONS:**

- Confirm the microphone wiring is securely connected to the head unit.
- Confirm there is not an open circuit or short in the Microphone detection (MIC DET) wiring.
- After the wiring has been confirmed to be OK, replace the microphone if necessary.



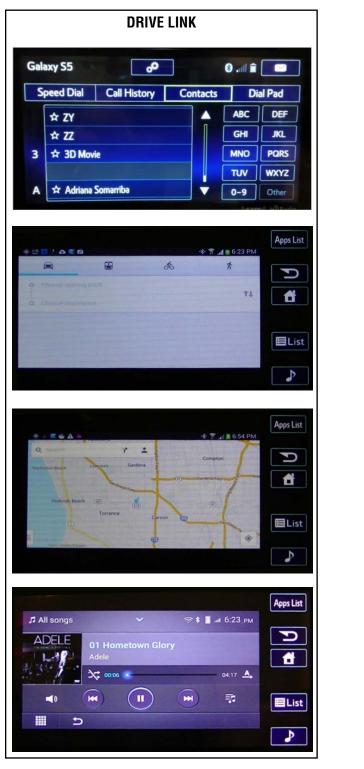
### **CONDITION #6:** MirrorLink screen does not look the same when using "Drive Link" and "Car" mode.

#### CAUSE:

Drive Link and Car mode display screen information on the head unit differently.

#### **RECOMMENDATION:**

Explain to the customer, Drive Link and Car modes will display information differently when accessing the MirrorLink feature of the head unit. Examples of each are shown in the screen shot photos below.





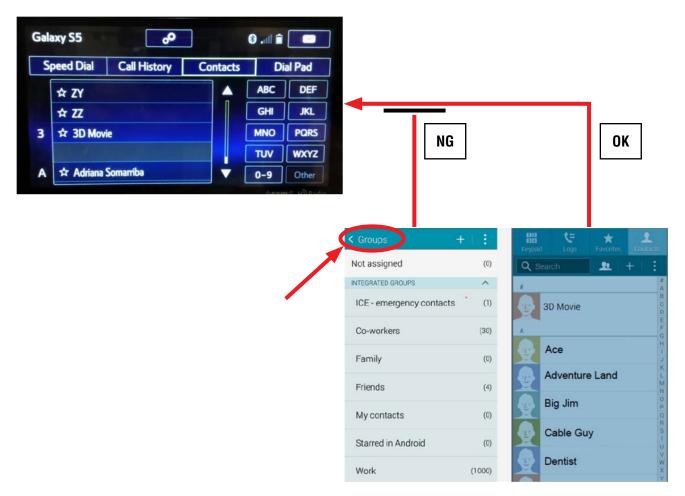
*Continued...* Page 5

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### **CONDITION #7:** Individual contacts will transfer to the head unit from the smartphone, but group folders will not.

#### CAUSE:

Although the head unit can retrieve individual contacts, it does not have the capability to retrieve group folders from the smartphone.



#### **RECOMMENDATION:**

Explain to the customer, the head unit does not support the transfer of group folders from their smartphone.

**CONDITION #8:** When selecting the STARLINK function on the head unit, an error message appears on the screen as shown below.



#### CAUSE:

- STARLINK application on the Smartphone was not loaded and/or launched on the Smartphone prior to selecting the STARLINK function on the head unit. Therefore, Smartphone cannot communicate with STARLINK Server.
- Smartphone has not been paired with the head unit for Bluetooth connection

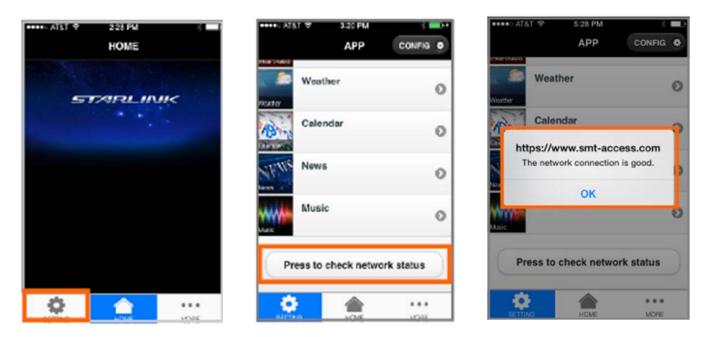


#### **RECOMMENDATIONS:**

• Check if Bluetooth connection indicator appears as shown below on the screen of the head unit. If not, the Smartphone needs to be paired to the head unit via Bluetooth connection.



- After confirming the Smartphone has been successfully paired to the head unit, launch STARLINK application on the Smartphone then select STARLINK on the head unit.
- Verify Smartphone to STARLINK server communication by following these steps:
  - 1. Touch the SETTING button on the Smartphone (Figure 1).
  - 2. Touch the "Press to check network status" button (Figure 2). When the Smartphone communicates with the STARLINK server a message (Figure 3) will be displayed.



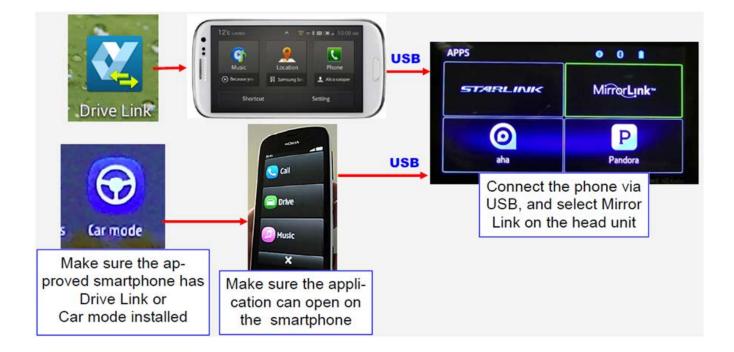
#### **CONDITION #9:** MirrorLink does not work with my Samsung or Nokia Smartphone.

#### **POSSIBLE CAUSES:**

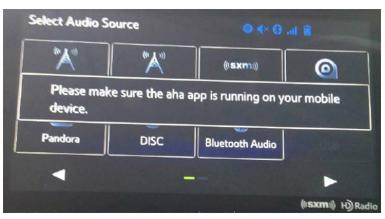
- The Smartphone is not compatible with MirrorLink.
- The Drive Link application is not installed on the approved Samsung Smartphone.
- The Car mode application is not installed on the approved Nokia Smartphone.
- The application is not launched or open on the Smartphone.
- The Smartphone is not connected to the head unit with a USB interconnect cable.

#### **RECOMMENDATIONS:**

- Make sure the Smartphone is compatible with MirrorLink (see Owner Manual Pg. 141.)
- Make sure the "Drive Link" application is installed on the approved Samsung Smartphone (See Owner Manual Pg. 141).
- Make sure the "Car mode" application is installed on the approved Nokia Smartphone (See Owner Manual Pg. 141).
- Once applicability has been confirmed and the application properly installed on the Smartphone, follow the steps below:
  - 1. Open/Launch the application on the Smartphone.
  - 2. Connect the Smartphone to the vehicle with a USB interconnect cable.
  - 3. Press the "APPS" button on the head unit.
  - 4. Select MirrorLink on the head unit.



**CONDITION #10:** When selecting aha or Pandora on the head unit with a Smartphone (iPhone or Android) connected, the head unit displays a message informing the user to check the app on their Smartphone (see below).



#### aha Message

Select Audio S	ource	© ≪× () at ii		
"人"	"人"	((:sxm)))	0	
Please make s your mobile de	ure that the Par vice.	ndora app is installed	d correctly on	
Pandora	DISC	Bluetooth Audio	USB	

#### Pandora Message

#### CAUSES:

- Pandora or aha App is not installed on the Smartphone.
- Pandora or aha App is not launched on the Smartphone.
- The iPhone is not connected to the system to the head unit with a USB Cable or in the case of an Android Smartphone, the Smartphone is not paired to the head unit using Bluetooth or launched.

#### **RECOMMENDATIONS:**

- Download the Pandora or aha app to the Smartphone.
- Launch the Pandora or aha app on the Smartphone.
- Connect the iPhone to the head unit using a USB cable.
- Pair the Android phone to head unit using Bluetooth.
- Select Pandora or aha on the head unit from Audio Source

### **CONDITION #11:** Weather information from the "STARLINK" and "INFO" function appears to be different even when the time of day and location are exactly the same.

In the examples shown below, the temperature displayed is different even though the time of day and location are the same.



### CAUSE:

The source of the weather information is different between STARLINK and INFO. STARLINK utilizes weather information provided by Weather Underground while INFO utilizes Sirius XM.

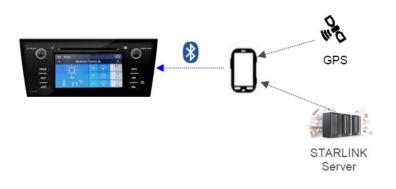
#### **RECOMMENDATION:**

Explain to the customer that the STARLINK and INFO functions utilize different sources to provide the displayed weather information as shown in the illustrations below.

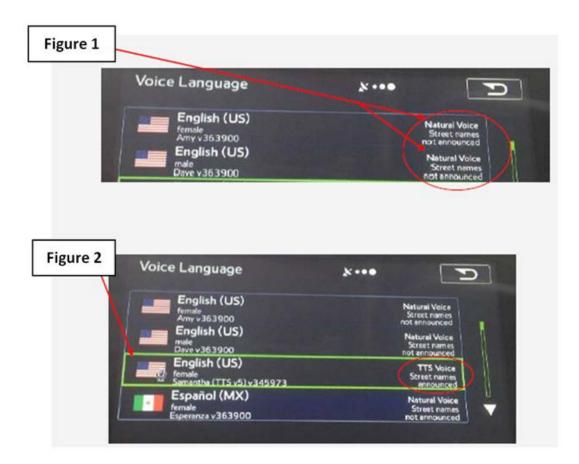
• Weather via STARLINK: Current location is determined by GPS signals received by the Smartphone paired to the head unit. The actual weather information is sent from the STARLINK server.



• Weather via INFO: Current location is determined by GPS signals received by the head unit. The actual weather information is received by the head unit from Sirius XM satellite.



**CONDITION #12:** When using the voice command to operate navigation system functions, the following message is displayed: "This feature cannot be used with the selected guidance voice profile".



#### CAUSE:

"Natural Voice" (Figure 1) is selected from the Voice Language menu when "Text To Speech" (TTS) is required (Figure 2) for proper voice command operation.

#### **RECOMMENDATION:**

- Follow the steps below to change from Natural Voice to TTS:
  - 1. Select "Home".
  - 2. Select "Settings".
  - 3. Select "General".
  - 4. Select "Language".
  - 5. Select "English (US) TTS Voice".

### **CONDITION #13:** The Sirius XM channel reverts back to channel 1 (Preview channel) when the vehicle is started (or restarted).

#### CAUSE:

It is likely the customer was listening to an "Explicit" channel prior to turning the vehicle off.

#### **RECOMMENDATION:**

Find out if the customer was listening to an "Explicit" channel prior to turning the vehicle off. If they were, explain that the head unit software is designed to revert back to channel 1 (preview channel) when restarting to avoid offending new occupants who may have not been in the vehicle previously (e.g. children). A copy of the Sirius XM channel line-up is shown below. "Explicit" channels are identified in the line-up with a "XL" designation.

POP			-				COMMER	CIAL-FREE MUSIC	
02	SRIUS IN	Top 40 Hits	30	LOFT	Contemporary Edectic	53	PCHILL	Smooth Electronic	
03	Venus	Rhythmic Prp from the 2000s - Today	31	thercaffee	Acoustic Singer-Songuritars	54	6	Studio 54 Radio	
04	<b>40</b> -4	'40s Pop Hits/Big Eard	32	The Barris	Mellow Rack	55	Co gas	Dance Hits from the 190s & 2000s	
05	5Cm5	150s Pop Hits	33	F WAVE	Classic Alternative	COL	INTRY		
05	60.06	'60s Pop Hits with Cousin Bruck	34	Uniteda	'90s Atemative/Grunge	56	THE OWNER	New Country	
07	737	"70s Pap Hits	35	<b>Umx</b>	Inde Rock	57	YZKouthr	Country Hits from the 2000s	
OB	8058	'80s Pop Hits	36	ALT	New Atemative Rock	58	COUNTRY	190s Country & More	
09	9000	190s Pop Hits	37	AN OCTANE	New Hard Rock	59	NOADHETETE	Classic Country	
10	-	2000s Pap Hits	38	OR	Cleastic Hard Rock Presented by Ozry	60	OUTLAW	Reckin' Country Rebsis	
15	20	2000s and Today	39	HANNIGH	'80s Hair Bands	61	TIMET	Blograss	
16	blind	Lite Pop Hits	40	Manightans	Heavy Metal x	CHR	ISTIAN		
17	Love	Leve Sorga	-41	FACTION	Music of Action Sports, Tony Marris, a	63	méssage	Christian Pop & Rock	
ROC			42	JOINTE	Reggae	64	X7 PRABE	Gaspok, Ancostod by Kirk Frasklin	
		Elvis 24/7 Live from Graculand	HIP-	HOP		65	entigh an	Seuttern Gespel	
19	Elvis		44	ultenor	Hip-Hop Hits .x.	JAZ	Z/STAND	ARDS	
20	E STREET RADIO	Brace Springateen 24/7	45	SHADE	Eminem's Uncut Hip-Hop Chennel 34	66	WATERCOLOG	Snoeth/Contemporary Jazz	Heavy Met
21	SAPAGE	Little Steven's Enderground Sarage	46	ANTESOTH	Classic Hip-Hop xi.	67	JAZZ	Classic	neurine
22	PEARLAN	Pearl Jam 24/7	R&B	~~~~		68	💩 spa	New Age	
23	OMA	Grateful Dead 24/7	47	theheat	R68 Hts	69	Oscape	Beautiful Masic	(XL)
24	Radio	Escape to Margaritaville	48	Heart 100 au	Adult R&E Hits	70	Stand	B.B. King's Blues	$\sim$
25	Classic	70s & '80s Classic Reck	49	Sent	Clease: Saul/Motovn	71	" ginatra	Sinatra/American Standards	
26	Classic	160s & 170s Classic Reck	50	STODUE	Oto Skool R58	72	OF DIAL ST	Show Turies	
27	C dese	Dwp Classic Reck	DAN	CE & ELE	CTRONIC	CLA	SSICAL		
28	SPECTRUM	Adult Album Rock	51	6pm)	Dance Hits	74	Met Opera Radio	Osera/Classical Vocals	

#### CAUSE:

"Alert Point Warnings" or "Warning Sign Alerts" features are enabled under Sound and Warnings menu.

#### **RECOMMENDATION:**

- If the chime is unnecessary when approaching alert points, disable (uncheck) "Alert Point Warnings" or "Warning Sign Alerts" settings by following the steps below:
  - 1. Select "Menu" on Map screen.
  - 2. Select "More".
  - 3. Select "Settings".
  - 4. Select "Sound and Warnings".

Sound and Warnings	****
Voice Recognition	
Speed Warning Settings	
Alert Point Settings	
Warning Sign Alerts	

- 5. Select "Alert Point Settings" or "Warning Sign Alerts" (see picture below).
- 6. Disable (uncheck) the settings (press the check mark to "toggle" on / off).

Alert Point Settings	i lin. () ••••×	Warning Sign Alerts	<b>I</b> h. 8
Alert Point Warnings		Warning Sign Alerts	
Alert Types		Curves and Corners	
		Lanes and Passing	
		General Warnings	

### **CONDITION #15:** The message "Voice recognition is currently initializing and is not available at this time" appears on the screen.

#### CAUSE:

When the head unit is turned on, the system scans XM stations along with every song (digital file) on the currently loaded CD, connected USB device and / or Bluetooth Audio player. It also scans the phone contacts stored on all Bluetooth-connected Smartphones. The system then creates voice tags for all the XM station names, artists, songs, albums, playlists, podcasts, genres, and contacts. During this process, the head unit will also display "Voice Recognition is currently initializing and is not available at this time" (see picture below).

Radio					<sup>در</sup> ر
Radio		<b>0</b> 0		🕄 all 🛍	Source
11 93.	9 H)2		SXM 002	2 Hits 1	
17 054	(rexms)	and the second second second		emellenie - si	
Voice rec	cognition is	currently initializing	and is not a	vailable at t	his time
					IIIS LIIIIC.
		1			nis time.
		+1	Charli		
14 002			Charli	хсх	
	((sxms)	*±		хсх	

#### **RECOMMENDATION:**

Wait a few minutes then try using the Voice Recognition System again. Once the system has had enough time to complete the procedures described above, normal operation should resume.

### **CONDITION #16:** After 30 seconds of not pressing any buttons, the screen automatically displays a split screen view

#### CAUSE:

The setting to automatically change to split screen has been turned on.

#### **RECOMMENDATION:**

- Follow the procedure below to turn off the "Auto Change to Split Screen" setting:
  - 1. Select "Home"
  - 2. Select "Settings"
  - 3. Select "General"
  - 4. Scroll down to "Auto Change to Split Screen" and uncheck the setting.

	▲ General Settings	
	Auto Change to Split Screen	
HOME	Animation Customize Screen Off Image	INFO
MAP	Delete Personal Data aha Settings	Bluetooth >
APPS	Def	JSER TRACK
		((( <b>sxm</b> ))) H) Radio

#### **CONDITION #17:** Back-up camera image remains displayed after shifting out of Reverse

#### CAUSE:

"Back Camera Delay Control" setting is set to "ON"

General Settings	
Pandora Settings	11 Bluetooth >
Gracenote® Database Update	12
Software Information	13
Back Camera Delay Control	14
Welcome Display	15 🗹 🔻
Default 18	

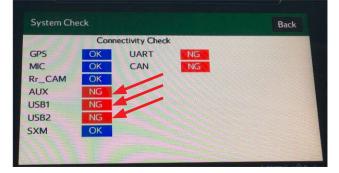
When set to "ON", the back-up camera image will remain displayed for about 7 seconds after moving the shifter out of Reverse. The image will turn off when shifting into Park or when vehicle speed exceeds 5 mph.

#### **RECOMMENDATION:**

Disable "Back Camera Delay Control" setting by following the steps below:

- 1. Touch "HOME" button.
- 2. Touch "SETTINGS" button.
- 3. Touch "General".
- 4. Unselect the "Back Camera Delay Control".

General Settings		٢		
Pandora Settings			Bluetooth >	
Gracenote® Database L	Jpdate			
Software Information				
Back Camera Delay Con	trol			
Welcome Display				
Default				



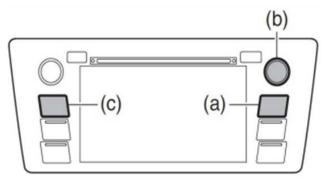
#### CAUSE:

There is no device connected to either the AUX port or either of the USB ports.

#### **RECOMMENDATION:**

To access Diagnostic Mode, follow the steps below:

- Turn the ignition switch to ACC (or press the Engine Start Stop button).
- While pressing and holding the "a" button, press the button "b" twice.



The "Line Diag" screen will be displayed where the connection status of each device is verified.

	Conr	nectivity Check		Vehicle Sig	mal Check	
GPS	OK			ILL+	OFF	Note:
MIC	OK	UART	OK	SPD	OFF	<ol> <li>"UART" and "CAN" are not shown for</li> </ol>
Rr_CAM	OK	CAN	OK	PKB	OFF	86271FJ630/730 and 86201FJ660/760
AUX	OK			REV	OFF	<ol><li>"GPS" will indicate "NG" on non-Navigation</li></ol>
USB1 USB2	OK OK			IGN	OFF	equipped Infotainment systems
SXM	OK					

To exit Diagnostic Mode, press the "c" button for 3 seconds or cycle the ignition switch / button to OFF.

To change the display for AUX from "NG" to "OK" insert an AUX cable connected to a compatible device (e.g. MP3 player) into the AUX port.

To change the display for USB1 and/or USB2 from "NG" to "OK" insert a compatible USB device into the USB port. **NOTE:** you will need to insert 2 USB devices to test both USB ports at the same time.

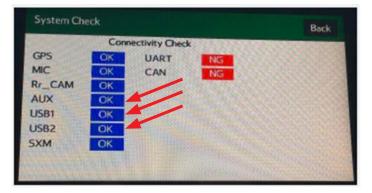
Continued...

	Con	nectivity Check	¢	
GPS	OK	UART	NG	
MIC	OK	CAN	NG	
Rr_CAM	OK			
AUX	OK			
USB1	NG			
USB2	NG			
SXM	OK			

AUX cable & device connected

	Conn	ectivity Check	k	-
GPS	OK	UART	NG	
MIC	OK	CAN	NG	
Rr_CAM	OK			
AUX	OK 🖌			
JSB1	OK			
JSB2	NG			
XM	OK			

AUX cable, device & USB device connected



AUX cable, device & 2 USB devices connected

#### **CONDITION #19:** Unable to Locate the GPS Information Screen

#### CAUSE:

The detailed GPS Information screen is only available if the GPS signal becomes weak.

#### **RECOMMENDATION:**

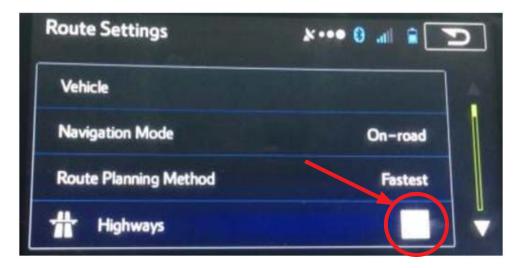
On the "Navigation Menu" screen, the GPS signal strength indicator is always available at the top right of the screen as shown below. In addition, if the GPS signal strength becomes weak, a Satellite icon will show when the MAP screen is displayed. If this Satellite icon (also a soft key) is pressed, the GPS information screen will be displayed which indicates how many satellites are currently being received along with the accuracy of the GPS signal.



**CONDITION #20:** The Navigation system often routes the user off the highway, and onto rough surface (dirt / gravel) roads.

#### CAUSE:

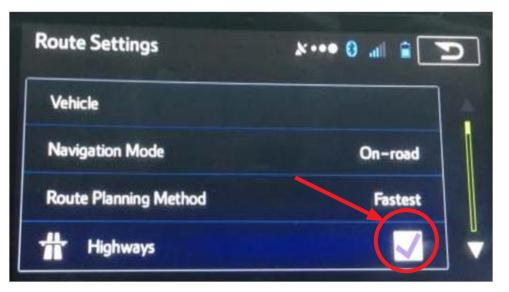
In the Route Settings menu, the "Highways" selection box is unchecked.



#### **RECOMMENDATION:**

Check the **Highways** selection box by following these steps:

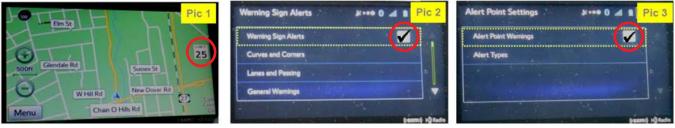
- Select "Menu" on the Map Screen
- Select "More"
- Select "Settings"
- Select "Route Settings"
- When "**Highways**" is checked the navigation system will always consider using highways first when planning routes.



### **CONDITION #21:** When the Speed Limit is displayed, "Alert Signs" are not displayed, even when "Warning Sign Alerts" and Alert Point Settings" are enabled.

#### CAUSE:

Display of the Speed Limit takes priority over Warning Sign Alerts and Alert Point Warnings. If the Speed Limit is being displayed as shown in Pic 1 below, the other warnings will not be displayed.







#### **RECOMMENDATION:**

- 1. If the Speed Limit is not being displayed on screen, other warning and alert signs will be displayed as shown below in Pic 4 provided those settings are enabled.
- 2. If the Speed Limit Warning is disabled, only the warning and alert signs will be displayed (provided those settings are enabled).



**CONDITION #22:** A Clock icon is of isplayed next to the Sirius / XM (SXM) presets.

#### (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system)

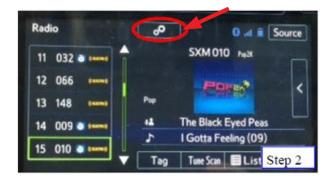
#### **CAUSE:**

This is a feature called Smart Favorites which allows the user to cache (store in the unit's internal memory) broadcast content on up to 5 separate SXM stations at one time.

#### **RECOMMENDATION:**

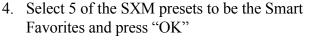
To set up Smart Favorites on the SXM presets:

- 1. Setup your SXM Presets
- 2. Press the Settings button. 0



SXM Options		C 🕯 h O	
SXM Featured		SXM 010 Pwax	
Tune Start		Poper	•
Smart Favs Setup	Pup	S-FILERA	
Tune Scan Enable	42	The Black Eyed Peas	
	5	I Gotta Feeling (09)	
		Additional Informati Step 3	3





5. The Smart Favorites will now be displayed

3. On the SXM Options screen, press the

"Smart Favs Setup" button



NOTE: Stations selected as "Smart Favorites" will have the ability to open the cache screen and listen to previously stored broadcast content using the "Tune Start<sup>TM</sup>" feature.

Continued...

with the clock icon

**CONDITION #23:** The clock display on HVAC panel is incorrect even when "Auto Adjust by GPS" is selected on the Clock settings menu.



The correct time is 4:59 pm but HVAC display shows 8:59 pm.

	Clock		C
	Auto Adjust by GPS		
HOME	Time Zone Daylight Saving Time	Auto > Auto >	INFO
MAP			<b>PH</b>
APPS	-	ОК	-
		(isxmi) H)Radio	

#### CAUSE:

When a map SD card is removed from the AVN unit or the map SD card cannot be read properly by the AVN unit, the time displayed on the HVAC panel will automatically default to Greenwich Mean Time (GMT). In this case, the GMT is 4 hours "ahead" of local time.

#### **RECOMMENDATION:**

1. If the user wants to operate the AVN unit without the map SD card installed and still have the correct time shown on the HVAC panel, access the Clock settings menu, uncheck "Auto Adjust GPS" then manually reset the correct time using "+" and "-" buttons to the left of the clock display as shown below.



2. If the map SD card is installed in the AVN unit, but the maps and / or time is not being displayed correctly, it may be due to a defective map SD card or possibly a faulty AVN unit.

**REMINDER:** SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.

#### Always refer to STIS for the latest service information before performing any repairs.

**CONDITION #24:** Messages are displayed on the screen after pressing / holding the Talk switch on the steering wheel to activate Siri (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system).

#### CAUSE:

1. The message shown in (Pic 1) will display when there is no phone paired with the unit.



2. The message shown in (Pic 2) will display when an "Android" Device is paired to the unit.



3. The message shown in (Pic 3) will display when a Siri-compatible phone is paired but "Siri" has not been enabled on the phone.



4. The message shown in (Pic 4) will display when Siri is initiated during a call. Siri will not operate while a call is in progress.



(Please see Owner's Manual Page 252 for more details)

#### **RECOMMENDATION:**

Pair a Siri-compatible phone with the unit via Bluetooth and enable the "Siri" function on the phone.

How to enable the Siri function on an iPhone:

- 1. Go to "Settings"
- 2. Select "General"
- 3. Select "Siri"
- 4. Enable "Siri" (Pic 5)

General	Siri	
Siri		
then release the bu	home button to start s itton when you are don	
	itton when you are don	

### **CONDITION #25:** The "Tune Scan" feature is unavailable (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system).

#### CAUSE:

- 1. Tune Scan is only available for use with SXM (Sirius XM) Channels.
- 2. There are no SXM presets stored as "Smart Favorites".
- 3. Tune Scan relies on cached content (songs) from SXM channels which have been saved as "Smart Favorites". Once the start of at least one song from a SXM "Smart Favorite" channel has been cached, the Tune Scan button will become available to press on the display. "Tune Scan" will only scan through songs which have not been listened to for more than 30 seconds. It will play the first 10 seconds of every song that has been cached.

#### **RECOMMENDATION:**

- 1. Make sure the user has set some of the SXM preset channels as "Smart Favorites". See CONDITION #22 of this TSB for more information on setting up Smart Favorites
- 2. Wait for content to be cached to the unit (this may several minutes).
- 3. After the unit has been able to cache the start of a song from one channel, the "Tune Scan" button will activate on the display.

#### NOTES:

- Due to content limitations, some content will not be eligible for Tune Scan even though the smart favorite channel has cached content (songs). If content is ineligible, the Tune Scan will skip over that content.
- Once the ignition is turned off, the cached content will be erased. Caching content will resume once the SXM signal is received by the head unit.

#### Is the "Tune Scan" button available? (See Red Box below)

YES: Pressing the button will activate "Tune Scan"

**NO**: Check to see if the user has any SXM presets setup as "Smart Favorites" (See Owner's Manual pg. 75 for more about "Smart Favorites")





#### Are SXM preset channels stored as "Smart Favorites"?

**YES**: Wait for several minutes after the unit has received SXM signal for the "Tune Scan" button to become available.

**NO**: Store SXM preset channels as "Smart Favorites" then wait for several minutes after the unit has received SXM signal for the "Tune Scan" button to become available.



#### NOTE:

If the "SCAN" is in place of the "Tune Scan" button, press the button to turn on the "Tune Scan" option.

The "SCAN" button will change to "Tune Scan" (See Owner's Manual page 76 for more details about "Tune Scan")



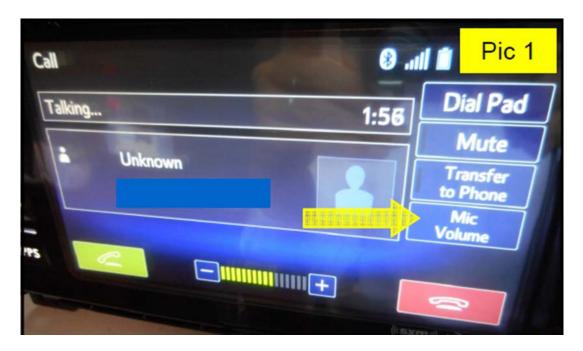
**CONDITION #26:** Bluetooth hands-free outgoing voice quality is poor. Call recipient cannot understand the caller in the car clearly.

#### CAUSE:

The "Mic Volume" may be set too high (the default setting is "0").

#### **RECOMMENDATION:**

1. Access "Mic Volume" function by touching the soft key during a hands-free call (Pic1).



2. Adjust the Mic Volume down / lower (**Pic 2**) then confirm the change's effectiveness. Repeat as necessary (adjust up / down) until the desired voice quality is achieved.



**CONDITION #27:** Navigation voice guidance cannot be heard from the vehicle speakers when the destination was requested by Siri (iPhone App) (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system)

#### CAUSE:

Bluetooth Audio is not selected as an Audio Source.



#### **RECOMMENDATION:**

From the Select Audio Source screen, select Bluetooth Audio then confirm the navigation voice guidance can be heard from the vehicle speakers normally.



**CONDITION #28:** When connecting an iPhone to the USB port to charge it, the Audio Source automatically switches to iPhone.

#### CAUSE:

If the unit automatically "defaults" to iPhone mode, the "iPod/USB/SD AutoPlay" setting is selected (activated / checked) on the Audio Settings screen.



#### **RECOMMENDATION:**

If the user does not want the unit to switch to an "iPhone" mode automatically when an iPhone is connected to the USB, disable the "iPod/USB/SD Auto Play" setting by following the steps below:

- (1) Touch the "HOME" button
- (2) Touch the "SETTINGS" button
- (3) Touch the "AUDIO" button
- (4) Touch the "iPod/USB/SD Auto Play" box to "toggle" the selection OFF or ON.

#### **CONDITION #29:** The "MirrorLink" button in the APPS screen is not active (grayed out).

#### CAUSE:

A MirrorLink compatible phone which has MirrorLink-enabled applications installed is not connected to the USB port.

#### **RECOMMENDATION:**

NOTE: Information regarding MirrorLink compatible telephones and MirrorLink-enabled applications is available on the MirrorLink website at: www.mirrorlink.com .

- (1) Once MirrorLink compatibility with the phone has been confirmed, install MirrorLinkenabled app.
- (2) After installation is complete, connect the phone to the USB port.
- (3) Wait until the MirrorLink button becomes active on the APPS screen.



#### **CONDITION #30:** Video files stored on flash drives will not play through the USB

#### CAUSE:

The video files stored on the USB flash drive being used may not be in a format or resolution supported by the head unit.

#### **RECOMMENDATION:**

The information below lists the supported video formats and resolutions.

deo Codec					
		File Type		Profile	
WWV9		WMV AVI	Simple Profile     Main Profile     Advanced Prof		
MP	EG4	AVI MPEG4	Simple Profile     Advanced Sim	ple Profile	
H.264/AVC		AV/I MPEG4	Baseline Profil     Main Profile     High Profile	ð	
Audio Codec					
	File Type	Corresponding Sampling Frequency (kHz)	Corresponding Bit Rates (kbps)	Channel Mode	
MP3	WMV AVI MPEG4	MPEG1 Layer3: 32/44.1/48 MPEG2 LSF Layer3: 16/22.05/24	MPEG1 Layer3: 32-320 MPEG2 LSF Layer3: 8-160	Stereo Joint Stereo Dual Channel Monaural	
WMA Ver.7/8/9	VMV AVI	32/44.1/48	Ver. 7/8: 48-192 Ver. 9 (9.1/9.2): 48-320	Stereo	
MC	AVI MPEG4	11.025/16/22.05/24/32/44.1/48	16-320	Stereo Monaural	

Supported resolutions: 128 x 96, 160 x 120, 176 x 144, 320 x 240, 352 x 240, 352 x 288, 640 x 480, 720 x 480 or 720 x 576

**REMINDER:** The parking brake must be engaged in order to watch videos. If not, the unit will display the blue screen as shown below but audio will be heard normally.



#### **CONDITION #31:** The "Tag" button cannot be selected on the Sirius XM Screen

#### CAUSE:

The vehicle may be a Canadian specification (market) vehicle.

The iTunes "Tagging" feature was not available with the Sirius/XM (SXM) feature on Canadian market vehicles. On U.S. market vehicles, if SXM does not have the tagging information for the particular song, the Tag button will be grayed out on the display.

#### **RECOMMENDATION:**

Determine if the vehicle is Canadian or U.S. specification.



Canadian specification: NO Tag button



U.S specification: Tag button is outlined and either selectable or grayed out (as shown).

# **CONDITION #32:** Cannot scan or seek through all SXM channels using the Seek, Scan and / or Steering Wheel buttons (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system)

#### CAUSE:

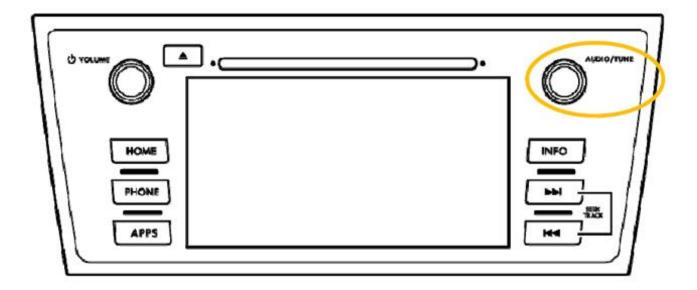
The unit will only scan or seek through the category being listened to when it is in the SXM mode. EXAMPLE: If you are listening to CH2, which is under a "Pop" category, and press the scan button, it will only scan channels (CH3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17, 18, 158, 300, 301, 302 and 2) which are under the Pop category, not all channels or categories.



**NOTE:** When scan or seek in AM/FM mode, it will scan or seek through all available radio stations.

#### **RECOMMENDATION:**

Use the "AUDIO/TUNE" knob to scan through all the SXM channels available.



Continued...

**CONDITION #33:** When an iPhone is connected to the USB port to charge the phone, the Audio Source automatically switches to Pandora or aha.

**CAUSE:** If the unit automatically changes to the "Pandora" or "aha" mode, these apps on the phone may be open in the background.

**RECOMMENDATION:** If the user does not want the unit to switch to a "Pandora" or "aha" mode automatically when the iPhone is connected to the USB, make sure these applications are closed before connecting the iPhone to the USB port.

**CONDITION #34:** While searching for a place (in this example, a restaurant) after a destination has been input, the user reports seeing straight and curved arrows in different colors pointing to the compass icon on the "Places Found" screen. What do these arrows mean?







**RECOMMENDATION:** Explain the following to the customer:

The arrows as shown above appear when the user is searching for places along a previously set route. The color and shape of the arrows indicate the level of detour (how far out of the way) the place is from the current route.

• If the arrow is straight and GREEN (Fig. 1), the detour is minimal and basically on the current route.

• If the arrow is slightly curved and YELLOW (Fig. 2), the detour will be moderate.

• If the arrow is curved and RED (Fig. 3), the detour will be significantly off the current route.

**CONDITION #35:** After using the Siri feature (2016 MY vehicles equipped with Gen 2.1 Navigation / Display Audio system), the head unit will automatically change from whatever audio source the user was listening to, over to the Bluetooth Audio Source. Why does that condition occur?

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CAUSE: It is caused by iOS software versions 9.2 and 9.21.

<b>RECOMMENDATION:</b> Suggest the customer update their iPhone's software to iOS version 9.3.	Ceneral Software Update	
<b>NOTE:</b> The user may need to delete their iPhone's Bluetooth connection then re-pair the phone after the software update is complete to verify the condition has been addressed.	iOS 9.3.1 Your software is up to date.	