Service Bulletin

TECHNICAL

Subject: Infotainment System Upgrade for Android Auto Feature

Attention: This Bulletin applies to North America vehicles only.
**Dealers have two options to update the vehicles
located in stock. Refer to the Dealer Inventory
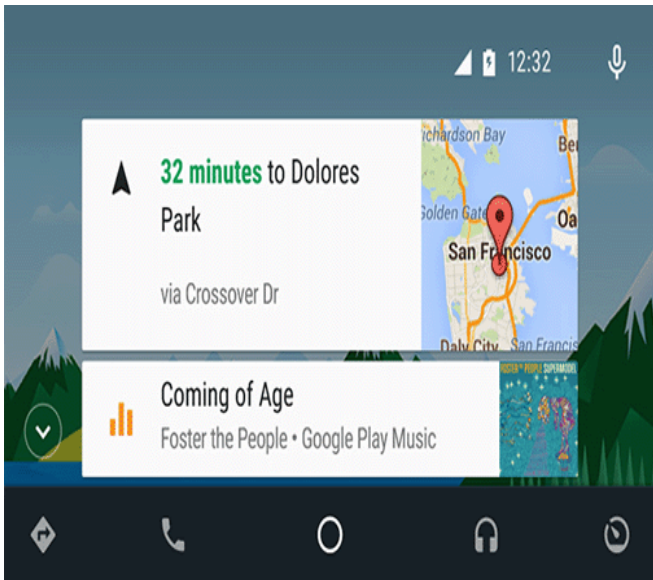Upgrade section for additional information.**

Brand:	Model:	Model Year:		VIN:		Additional Options:
		from	to	from	to	
Cadillac	ATS	2016	2016	SOP	G0170094	
Cadillac	CTS	2016	2016	SOP	G0170094	
Cadillac	Escalade Models	2016	2016	SOP	GF189214 (Plant F) GZ259759 (Plant Z) GG275655 (Plant G) GR334140 (Plant R)	
Cadillac	XTS	2016	2016	SOP	G9189573	
Cadillac	XT5	2017	2017	SOP	HZ106645	
Chevrolet	Camaro	2016	2016	SOP	G0170094	
Chevrolet	Colorado	2016	2016	SOP	G1259987	
Chevrolet	Corvette	2016	2016	SOP	G5121027	
Chevrolet	Impala	2016	2016	SOP	G9189573 (Plant 9) GU150526 (Plant U)	Equipped with Radio RPO I05 or I06
Chevrolet	Silverado Suburban Tahoe Models	2016	2016	SOP	GF189214 (Plant F) GZ259759 (Plant Z) GG275655 (Plant G) GR334140 (Plant R)	
Chevrolet	Volt	2016	2017	SOP	HU104564	
GMC	Canyon	2016	2016	SOP	G1259987	
GMC	Sierra Yukon Models	2016	2016	SOP	GF189214 (Plant F) GZ259759 (Plant Z) GG275655 (Plant G) GR334140 (Plant R)	

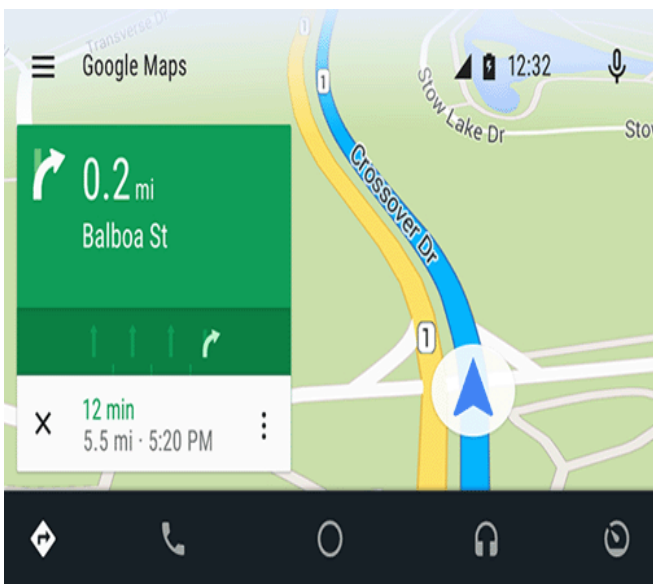| Condition	
	4439339
	GM is offering the Android Auto feature upgrade for 2016 and 2017 model year vehicles.
	This service upgrade includes vehicles in dealer inventory and customer vehicles sold prior to April 4, 2016.
Additional Options	Equipped with I05 or I06

What is Android Auto ?

Android Auto compatibility is a simple and smart way to use your Android smartphone in the car. One of the new Phone Integration features available on select MyLink/IntelliLink/CUE infotainment systems, Android Auto enables Android smartphone users to display certain apps and functionality from their phone on the vehicle's infotainment display, allowing them to control those apps and functions via the vehicle's infotainment system touchscreen or voice commands.
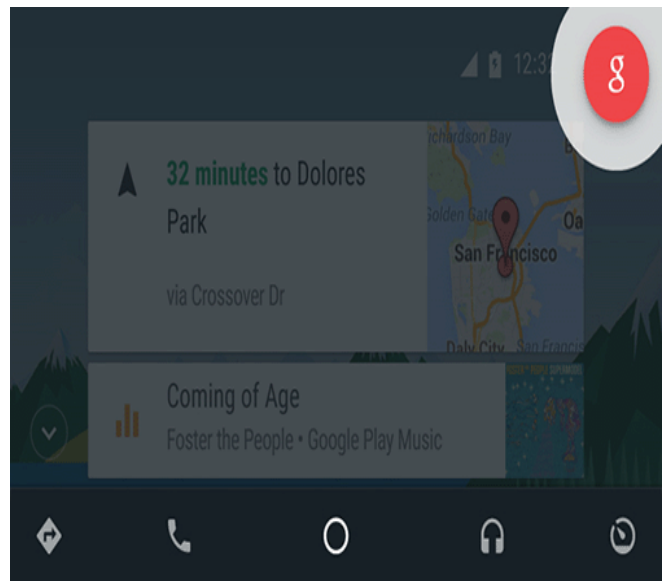
Key Features of Android Auto

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- Home Screen: Android Auto automatically brings you useful information, and organizes it into simple cards that appear just when they're needed.
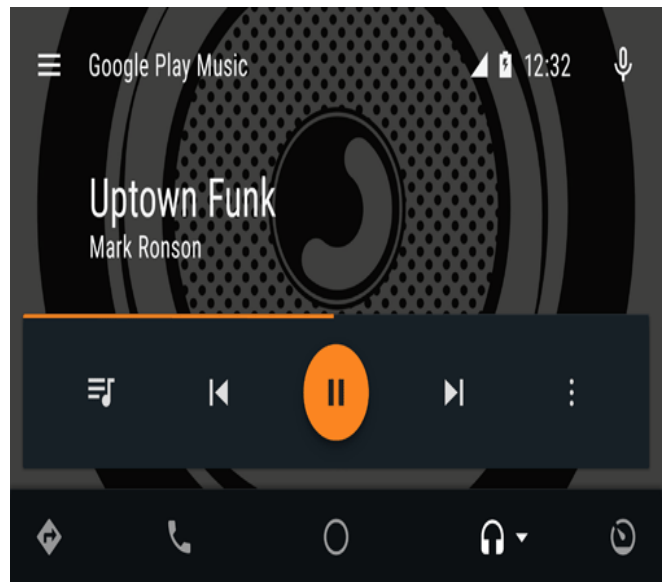

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- Maps: Let Google Maps lead the way. It's easy to get where you're going with free voice-guided navigation, live traffic information, lane guidance, and more.

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- Voice: Just say the word – Best-in-class speech technology makes controlling everything with your voice fast and easy. Send, read, and reply to your text messages; Make calls, return missed calls, and listen to voicemail – Talk to Google can help you do all these things, and more.

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- Music: Your favorite tunes – to go! Access and stream over 30 million songs, custom playlists and more with Google Play Music.

Dealer Inventory Upgrade

For vehicles that are in Dealer stock or may be in-transit from the plant, Dealers have two options to update the vehicles located in stock.

1. Dealers can update all units as part of the PDI process and submit for additional labor time while the vehicles are stored on the dealers lot.
2. Dealers also have the option to update the vehicles prior to delivery once the vehicle is sold.

If the customer uses an Apple product they may choose to not have the Android feature installed on their vehicle.

Important: The update will still take time to complete, be sure to account for the amount of time to complete the update prior to releasing the vehicle to the customer.

Note:

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.

- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply.

- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.

- During the programming procedure, follow the SPS prompts for the correct ignition switch position.

- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/ Maintenance (I/M) system status indicators to NO.

These units should be updated before being sold to customers. No communications will be going out to customers that purchase a vehicle which is eligible for the upgrade, after March 1, 2016.

Important: No VCI number is needed for adding Android Auto, and no call to TCSC is needed.

To program an existing control module, perform the following procedure:

Note: The vehicle must remain in PARK during the programming procedure.

1. Install the *EL-49642* SPS Programming Support Tool.

2. Connect a USB drive to the computer.

Important: A 8GB USB will be needed for this update.

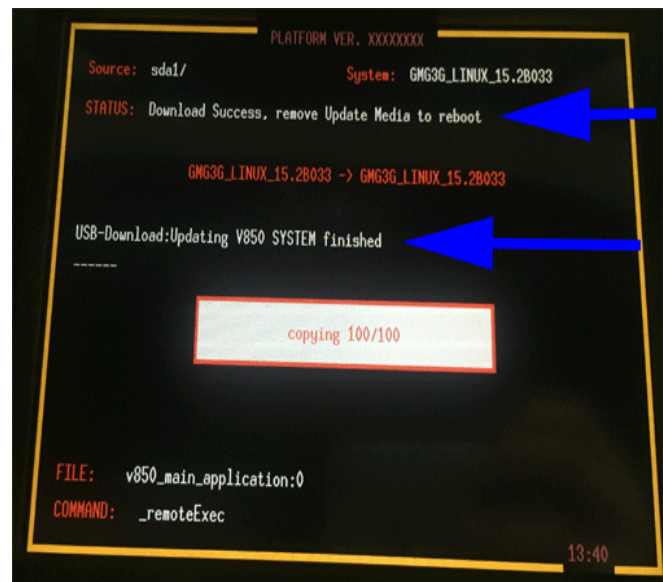**Note:** If issues loading to USB, verify USB format is FAT32.

3. Access the Service Programming System (SPS) and follow the on-screen instructions.

4. On the SPS Supported Controllers screen, select K74 Human Machine Interface Control Module – USB Copy/ USB File Transfer.

Note:

- If there are no files available for USB transfer via SPS, proceed to step 10.

- Software currently loaded on the USB Drive will be verified and if files are incorrect they will be deleted and correct files will be loaded. If files residing on the USB Drive are correct for the vehicle being serviced, the Techline terminal will not delete those files and allow the drive to be re-used.

5. Upon completion of the file transfer, remove the USB drive from the computer.

6. Ignition ON, infotainment system ON.

Note: The HMI will not allow the installation of the same software version via USB. If the same software is detected the installation process will not start.

7. Connect the USB drive to the USB port in the vehicle.

8. The infotainment system will recognize that update files are available. Follow the infotainment display on-screen instructions and select Update when prompted. Programming will take several minutes.

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Important: Once the updating file hits 90% the screen may go blank. DO NOT REMOVE the USB at this time. The illustration above shows when the programming is complete. (See blue arrows above.)

9. Upon completion of programming, remove the USB drive. Follow the infotainment display on-screen instructions.

10. Access the Service Programming System (SPS) and follow the on-screen instructions.

11. On the SPS Supported Controllers screen, select K74 Human Machine Interface Control Module – Programming and follow the on-screen instructions.

12. At the end of programming, choose the "Clear DTCs" function on the SPS screen.

13. Ignition OFF, Retained Accessory Power (RAP) OFF, remove the key fob from range of the vehicle, and let the vehicle sit for five minutes. Retest system operation to verify the repair.

Note: If the vehicle is equipped with Navigation and the GPS is inoperative after reprogramming, it may be necessary to re-load the software.

Warranty Information for Dealer Inventory Upgrade

A flat fee reimbursement has been established and Dealers should submit for reimbursement for all stock vehicles that are updated.

In addition to PDI, there is a special Labor op Code set up for Dealers to submit for the additional $10 reimbursement on stock units.

Labor Operation	Description	Labor Time
0600174*	Android Software Upgrade – PDI	0.0 hr
*This is a unique Labor Operation for Bulletin use only. Submit using a ZPDI transaction with a $10.00 net.		

Customer Vehicle Upgrade

For customer vehicles, reprogram the vehicles HMI Module with the latest software.

Note:

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.

- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply.

- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.

- During the programming procedure, follow the SPS prompts for the correct ignition switch position.

- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

Important: No VCI number is needed for adding Android Auto, and no call to TCSC is needed.

To program an existing control module, perform the following procedure:

Note: The vehicle must remain in PARK during the programming procedure.

1. Install the *EL-49642* SPS Programming Support Tool.
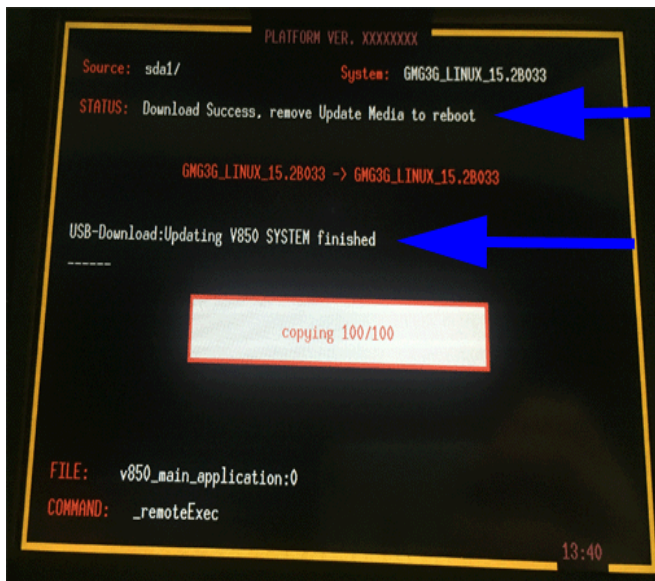
2. Connect a USB drive to the computer.

Important: A 8GB USB will be needed for this update.

Note: If issues loading to USB, verify USB format is FAT32.

3. Access the Service Programming System (SPS) and follow the on-screen instructions.

4. On the SPS Supported Controllers screen, select K74 Human Machine Interface Control Module – USB Copy/ USB File Transfer.

Note:

- If there are no files available for USB transfer via SPS, proceed to step 10.

- Software currently loaded on the USB Drive will be verified and if files are incorrect they will be deleted and correct files will be loaded. If files residing on the USB Drive are correct for the vehicle being serviced, the Techline terminal will not delete those files and allow the drive to be re-used.

5. Upon completion of the file transfer, remove the USB drive from the computer.

6. Ignition ON, infotainment system ON.

Note: The HMI will not allow the installation of the same software version via USB. If the same software is detected the installation process will not start.

7. Connect the USB drive to the USB port in the vehicle.

8. The infotainment system will recognize that update files are available. Follow the infotainment display on-screen instructions and select Update when prompted. Programming will take several minutes.

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Important: Once the updating file hits 90% the screen may go blank, DO NOT REMOVE the USB at this time. The illustration above shows when the programming is complete. (See blue arrows above.)

9. Upon completion of programming, remove the USB drive. Follow the infotainment display on-screen instructions.

10. Access the Service Programming System (SPS) and follow the on-screen instructions.

11. On the SPS Supported Controllers screen, select K74 Human Machine Interface Control Module – Programming and follow the on-screen instructions.

12. At the end of programming, choose the "Clear DTCs" function on the SPS screen.

13. Ignition OFF, Retained Accessory Power (RAP) OFF, remove the key fob from range of the vehicle, and let the vehicle sit for five minutes. Retest system operation to verify the repair.

Note: If the vehicle is equipped with Navigation and the GPS is inoperative after reprogramming, it may be necessary to re-load the software.

Warranty Information for Customer Vehicle Upgrade

Labor Operation	Description	Labor Time
0600355*	Android Software Upgrade – Chevrolet	0.4 hr
0600365*	Android Software Upgrade – Buick	0.4 hr
0600375*	Android Software Upgrade – GMC	0.4 hr
0600385*	Android Software Upgrade – Cadillac	0.4 hr
*This is a unique Labor Operation for Bulletin use only. Submit using a ZREG transaction.		
*Do NOT use regular Warranty Labor Operation for this upgrade.		

Version	7
Modified	March 9, 2016 – Added an Important statement and graphic under Step 8 of the Dealer Inventory/Customer Upgrade sections. Updated Upgrade Notes.
	March 14, 2016 — Added an important statement regarding the use of a 16GB USB when programming.
	March 31, 2016 — Added information regarding the format and size of the USB and removed the 2016 Chevrolet Cruze.
	April 14, 2016 — Added additional option to update software prior to releasing the vehicle to the customer and excluded Export Vehicles.
	April 20, 2016 — Added 2017 Chevrolet Volt.
	July 12, 2016 — Added 2017 Cadillac XT5 and Breakpoints for all Models.

WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION