



Service Bulletin

File in Section: -

Bulletin No.: PI1078

Date: October, 2013

PRELIMINARY INFORMATION

Subject: Software Update (Over the Air) for Adaptive Forward Lighting System

Models: 2013 Cadillac ATS
Equipped with Adaptive Forward Lighting (RPO T4F)

Select 2013 Cadillac ATS vehicles will receive a software download via OnStar® to update the software for the Adaptive Forward Lighting (AFL) system. Owners will have the option of accepting the update and GM expects most to utilize this option but some may choose to have it done at their Cadillac dealer. Reference Global Connect Message dated October 9, 2013. A Copy of the message and a frequently asked questions guide is provided at the end of this bulletin.

Affected vehicles are identified by VIN in the Global Warranty Management (GWM) System – Investigate Vehicle History Application under the Service Information section with reference to this PI number. There will not be any indication in GWM whether the software has been downloaded successfully. This will need to be verified during the service procedure.

If a customer requests your dealer to provide the update or if they are uncertain the OnStar® update was successful, please follow the service procedure below.

Service Procedure

Do not attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. When using an MDI for reprogramming, ensure that it is updated with the latest software version. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

1. Reprogram the Headlamp Control Module. Refer to SI and Service Programming System (SPS) documentation for programming instructions, if required.
 - 1.1. Connect the MDI to the vehicle.
 - 1.2. Select *J2534 MDI and Reprogram ECU* from the SPS Select Diagnostic Tool and Programming Process screen.
 - 1.3. Select *K26 Headlamp Control Module – Programming* from the SPS Supported Controllers screen.
 - 1.4. Follow the on-screen instructions.
2. Select the “Clear All DTCs” function on the SPS screen at the end of programming.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
9800000	Check Adaptive Forward Lighting (AFL) Software Update Status	0.2 hr
Add	To Update Software	0.1 hr

Global Connect Message

Date: October 09, 2013

Subject: Software Update (Over The Air) Next Phase Pilot

Models: 2013 Cadillac ATS Equipped with Adaptive Forward Lighting (T4F)

To: Cadillac Dealers

Attention: Dealer, General Manager, Service Manager and New Car Vehicle Manager

General Motors continues to develop new technologies that allow for greater owner satisfaction through the remote delivery of vehicle updates via OnStar®. Through this new technology owners will be able to accept some vehicle updates as simply as updates to their mobile devices.

In the next several weeks GM will employ this method to deliver a new calibration to 2013 Cadillac ATS vehicles in dealer inventory that are equipped with Adaptive Forward Lighting.

During this time there will also be a limited pilot to remotely update a small number of customer owned vehicles. Customers involved in this limited pilot will receive an email from General Motors offering them an opportunity to try this new feature. The customer will be given the option of having the update performed at their Cadillac dealership. Details of this process can be found in Technical Service Bulletin number PI1078.

Frequently Asked Questions Guide

General and Dealer Stock Information

What is the service update for?

The update will deliver a new calibration to help prevent a false illumination of the "AFL (Adaptive Forward Lighting) Lamps Need Service" message on the Driver Information Center (DIC) when the AFL lamps are functioning properly.

Do I need to physically do anything for the update to be performed on my stock units?

Unsold vehicles in the dealer inventory will be updated automatically; no further action is required by the dealer.

How many vehicles are in this pilot?

Roughly 1,700 US Dealer stock vehicles are in this pilot along with approximately 300 vehicles in US customer hands. Involved VINs will be listed in IVH under an Engineering Information. Dealers with customer vehicles in this pilot have received special notification.

When will my stock vehicles receive the update? How long will it take?

The update will be sent between 2am – 5am local time and will take only 5 – 10 minutes.

How will customers be notified about this pilot?

Customers in this pilot program will receive an email from GM asking if they would like to participate. Those who want to participate will then be asked to opt in to the program.

If the customer comes into the dealership, should I do the update?

If the customer has been contacted by General Motors and prefers not to have the calibration performed over the air, the dealer should refer to PI1078 for programming instructions.

Why is General Motors using Over-the-air technology to perform updates on their vehicles?

As technological capabilities grow, General Motors wants to provide its customers with software updates in a way that minimizes our customers' inconvenience, all with the goal of improving their overall customer experience and satisfaction. This pilot is designed to test those capabilities.

Will all updates in the future be delivered this way?

GM is considering how best to provide these updates in the future. This pilot is part of our review process.

How can the dealer validate whether the update has been done?

Using the MDI tool the dealer can go to TIS2Web and check the module calibration. It will say "No Need to Program" if update has been completed.

Will there be a notation in IVH for the need to do this update? Will it show as completed in the vehicle history?

In the Service Information Section, under Engineering Information (EI) type of IVH, all VINs involved in this pilot will be listed. Once completed, there will not be a record in the vehicle history. (An enhancement to include this record in IVH is being developed.)

Customer Information

What is the service update for?

The update will deliver a new calibration to help prevent a false illumination of the "AFL (Adaptive Forward Lighting) Lamps Need Service" message on the Driver Information Center (DIC) when the AFL lamps are functioning properly.

When will the update occur?

If the customer accepts the remote update, then the remote update will occur during the overnight hours (most likely sometime between 2am to 5am Eastern Standard Time).

Will the update be started even if I am driving my car at the time?

No. The update is only allowed to be started when the vehicle ignition is in the "off" position.

Will I be able to use or drive my vehicle when the update is in progress?

No, your vehicle will not be able to be used or driven for about ten minutes once the update begins.

Is there anything special I need to do to prepare for this update?

No. As long as you've opted in for the update and the vehicle is parked with the ignition turned "off," the update will occur without any action on your part.

Will my vehicle display or exhibit anything unusual during the update process?

Yes, the backlighting on the radio center screen and the red and blue lights on the center stack will illuminate during the update process. This is normal and will turn off once the update has been completed.

How can I accept or opt in for this update?

You can accept or opt in for this remote update in either of the following ways:

1. Push the blue OnStar button and notify the advisor that you would like to accept this update, or
2. Click on the "OPT IN Accept Remote Update" link in the email that may have been sent to you.

Can I decline or opt out of this update, if so how?

Yes, you can decline or opt out of the remote update in either of the following ways:

1. Push the blue OnStar button and notify the advisor that you would like to accept this update, or
2. Click on the "OPT OUT Decline Remote Update" link in the email that may have been sent to you.

If I decline or opt out of the remote update, can I still get the update at a later time?

Yes. If you decline the remote update, you may still receive this Adaptive Forward Lamp update from your Cadillac dealer.

How will I know that my vehicle had the update completed?

A completion message will appear on a vehicle display or an email will be sent to you stating that your vehicle has been updated.

What happens if a customer does not respond to the email? Will the update be performed?

No