



## New 2015 City Express Ready to Work

The all-new 2015 Chevrolet City Express small cargo van is a small Euro-style work van designed for businesses that need to move cargo but do not need the capabilities of a full-size van. It's offered in LS and LT trims.

The van is equipped with a 2.0L inline-4 cylinder DOHC engine and front wheel drive via a continuously variable transmission (CVT). The front suspension features MacPherson struts with coil-over springs, twin-tube dampers and a stabilizer bar. The solid axle rear suspension has twin-tube shock absorbers and truck-style multi-leaf springs. Electric power steering provides a tight turning diameter of only 36.7 feet (11.2 meters).

### Powertrain

The 2.0L inline-4 Cylinder, DOHC gasoline engine (RPO L0A) features continuously variable valve timing engine, sequential multi-port fuel injection and a cast aluminum engine block and cylinder heads. The engine is rated at 131 hp (98 kW) at 5,200 rpm and 139 lb.-ft. (188 Nm) of torque at 4,900 rpm.

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Customer Care and Aftersales

## TECHLINE news

### Service Information Links Added

#### Quick Access to Maintenance Items and Maintenance Replacement Parts

Convenient links to maintenance items and maintenance replacement parts have been added to the Service Information for the 2012-2016 model years. These links put common maintenance resources all in one easy-to-find location.

**TIP:** The Maintenance Items chart and Maintenance Replacement Parts document can be found after building the desired model and then selecting Service Manual > General Information > Maintenance and Lubrication > Specifications. Or users can keyword search for maintenance items or maintenance replacement parts.

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# New 2015 City Express Ready to Work – continued from page 1

The CVT8 continuously variable transmission (RPO MRA) optimizes torque delivery across the rpm band. GM recommends using ACDelco CVT Fluid, P/N 19260800 (in Canada, use P/N 19299096). Do not mix CVT fluid with any other fluids and do not use automatic transmission fluid or manual transmission fluid.

## Cargo Features

The City Express has a payload capacity of 1,500 pounds (680 kg) and a customizable cargo space volume of 122.7 cubic feet (3,474 liters). Cargo can be secured with the six steel floor-mounted D-rings with re-inforced weld nut mounting points. The 54.8 inches of space (1.39 meters) at the floor from side wall to side wall provides enough room to load a standard 40 x 48 inch (1.01 x 1.22 meters) pallet flat on the floor.

The standard sliding doors on both sides of the vehicle are designed for low effort operation and convenient access.



The 40/60 rear doors offer less potential intrusion into the street



2.0L inline-4 cylinder engine



CVT8 continuously variable transmission

The tall rear doors are a 40/60-split design. The 60-percent door is on the passenger side for easy access from the sidewalk. The 40-percent door on the driver side is shorter, reducing potential intrusion into the street when open. Both rear doors feature dual opening positions of 90 degrees and 180 degrees.

## Technology

The Driver Information Center (DIC) display on the instrument cluster provides a variety of vehicle data, including trip odometers, instant fuel economy, average fuel economy, distance to empty mileage and outside temperature (optional).

The City Express LT model is available with a Technology Package that includes:

- A color connected radio with color touch screen display
- Bluetooth® streaming audio for music and select phones and hands-free smartphone integration
- AM/FM radio with CD player
- GPS navigation
- SiriusXM Radio
- Rear Vision Camera (RVC) with Rear Parking Assist.

## Training Courses

Training courses for the 2015 City Express can be found at [www.centerlearning.com](http://www.centerlearning.com) (U.S.) or [www.gmprocanada.com](http://www.gmprocanada.com) (Canada).

Available training currently includes:

- 10214.14W – New Model Features Course
- 16440.19D – New Engines and Updates Course (U.S. Only)

For additional information, refer to #PI1362: New Model Features and Information.

🙏 Thanks to Sherman Dixon and Calvin William



The DIC offers a variety of vehicle information to the driver.



The Technology Package includes a color connected radio and Rear Vision Camera display.

# Transmission Technical Guide PDFs Now Available

The GM Service Information recently added Transmission Technical Guides for many transmissions. The guides are available on the Service Information home page in a printer-friendly PDF format.

From the Service Information home page, select the link for Unit Repair, Specialty Publication or Transmission Technical Guide.

Supplemental Transmission Technical Guides (US English):

- [8L90 Hydraulic Circuits](#)
- [GF6 GEN3 Hydraulic Circuits](#)
- [2ML70 Tech Guide 2-2008](#)
- [4ET50 Tech Guide 2-2011](#)
- [4L30E](#)
- [4L60E](#)
- [4L80E](#)
- [4T40E](#)
- [4T60E](#)
- [4T80E](#)
- [5L40E](#)
- [6 Spd RWD Tech Guide 10-2005](#)
- [6T30 40 45 50 Gen2 Tech Guide 3-2012](#)
- [6T40 45 Tech Guide 5-2008](#)
- [6T70 75 Tech Guide 6-2008](#)
- [6T70 75 80 Gen2 Tech Guide 9-2012](#)
- [8 Speed RWD Tech Guide 9-2014](#)
- [AF33 33 5 Tech Guide 3-2009](#)

**Available Transmission Technical Guides**

The right side of the page lists the Supplemental Transmission Technical Guides.

Since the guides are rather large, it may take 30 seconds or so to open each PDF.

Thanks to Lisa Scott

# Download PDI Forms from the Service Information

Pre-Delivery Inspection (PDI) forms can now be downloaded from the Service Information.

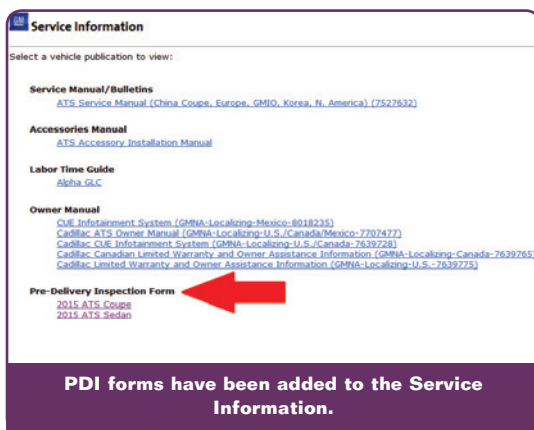
To access the PDI forms:

1. Select a late model from the drop-down menu or enter the full VIN and select "Next."
2. PDI forms are located at the bottom of the "Select a vehicle publication to view" page

Once opened, the form performs as if it was retrieved from GlobalConnect. The form can be filled out online, but data typed into the form cannot be saved. If there is an additional Special Inspection Items page that applies to the vehicle, it will be included with the PDI form.

Both forms can be printed.

Thanks to Lisa Scott



**Service Information**

Select a vehicle publication to view:

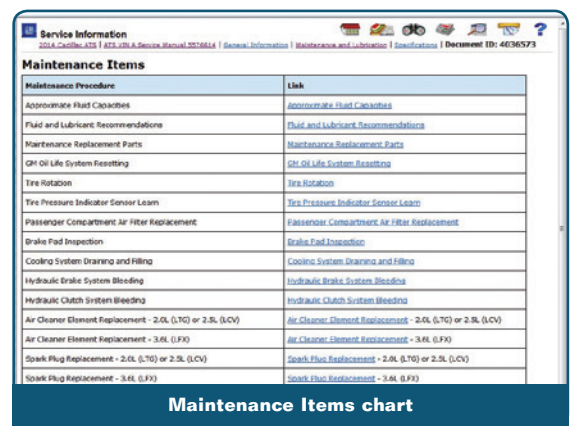
- Service Manual/Bulletins**  
[ATS Service Manual \(China Coupe, Europe, GMD, Korea, N. America\) \(7527632\)](#)
- Accessories Manual**  
[ATS Accessory Installation Manual](#)
- Labor Time Guide**  
[Alpha GLC](#)
- Owner Manual**  
[CUE Infotainment System \(GMNA-Localizing-Mexico-8018233\)](#)  
[Cadillac ATS Owner Manual \(GMNA-Localizing-U.S./Canada/Mexico-7707477\)](#)  
[Cadillac CUE Infotainment System \(GMNA-Localizing-U.S./Canada-7639228\)](#)  
[Cadillac Canadian Limited Warranty and Owner Assistance Information \(GMNA-Localizing-Canada-7639765\)](#)  
[Cadillac Limited Warranty and Owner Assistance Information \(GMNA-Localizing-U.S.-7639773\)](#)
- Pre-Delivery Inspection Form** ← **2015 ATS Coupe**  
**2015 ATS Sedan**

**PDI forms have been added to the Service Information.**

# TECHLINE news

## Service Information Links Added – continued from page 1

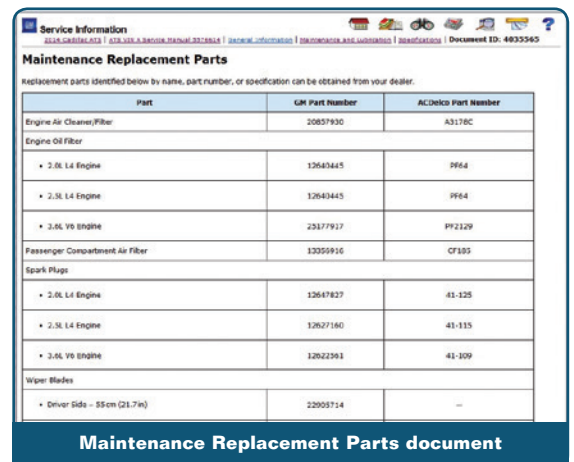
The new chart provides fast navigation to maintenance-related procedures and information, including approximate fluid capacities, resetting the GM Oil Life System, tire pressure indicator sensor learn, passenger compartment air filter replacement, and spark plug replacement. This information is currently located in various sections of the Service Information as well. By linking the information in the new chart, it reduces the amount of navigation required to view the different maintenance procedures and information.



Maintenance Procedure	Link
Approximate Fluid Capacities	<a href="#">Approximate Fluid Capacities</a>
Fluid and Lubricant Recommendations	<a href="#">Fluid and Lubricant Recommendations</a>
Maintenance Replacement Parts	<a href="#">Maintenance Replacement Parts</a>
GM Oil Life System Resetting	<a href="#">GM Oil Life System Resetting</a>
Tire Rotation	<a href="#">Tire Rotation</a>
Tire Pressure Indicator Sensor Learn	<a href="#">Tire Pressure Indicator Sensor Learn</a>
Passenger Compartment Air Filter Replacement	<a href="#">Passenger Compartment Air Filter Replacement</a>
Brake Pad Inspection	<a href="#">Brake Pad Inspection</a>
Cooling System Draining and Filling	<a href="#">Cooling System Draining and Filling</a>
Hydraulic Brake System Bleeding	<a href="#">Hydraulic Brake System Bleeding</a>
Hydraulic Clutch System Bleeding	<a href="#">Hydraulic Clutch System Bleeding</a>
Air Cleaner Element Replacement - 2.0L (I4) or 2.5L (I4)	<a href="#">Air Cleaner Element Replacement - 2.0L (I4) or 2.5L (I4)</a>
Air Cleaner Element Replacement - 3.6L (I4)	<a href="#">Air Cleaner Element Replacement - 3.6L (I4)</a>
Spark Plug Replacement - 2.0L (I4) or 2.5L (I4)	<a href="#">Spark Plug Replacement - 2.0L (I4) or 2.5L (I4)</a>
Spark Plug Replacement - 3.6L (I4)	<a href="#">Spark Plug Replacement - 3.6L (I4)</a>

**Maintenance Items chart**

In addition, for North American models, the Maintenance Replacement Parts document provides part numbers for common maintenance items, similar to what is found in the owner manuals. It lists parts such as the engine air cleaner/filter, engine oil filter, spark plugs and wiper blades.



Part	GM Part Number	ACDelco Part Number
Engine Air Cleaner/Filter	20857930	A3178C
Engine Oil Filter		
• 2.0L I4 Engine	12643445	PF64
• 2.5L I4 Engine	12643445	PF64
• 3.6L V6 Engine	23177917	PF2129
Passenger Compartment Air Filter	13059916	CF105
Spark Plugs		
• 2.0L I4 Engine	12647827	41-125
• 2.5L I4 Engine	12627160	41-115
• 3.6L V6 Engine	12622293	41-109
Wiper Blades		
• Driver Side - 55cm (21.7in)	22005714	-

**Maintenance Replacement Parts document**

Thanks to Mike Adamczyk

## False Side Blind Zone Alert

The Side Blind Zone Alert system may become active with no objects within range of sensors on some 2014 LaCrosse and Malibu models equipped with Obstacle Detection Side Active Safety (RPO UKC or UFT). If this occurs no DTCs will be stored.

The side blind zone alert system uses two side object sensor modules to notify the driver that an object is present in one of the driver's side blind zones. An icon on the left or right side view mirror is illuminated when an object is detected. The side object sensor modules are located on each side of the vehicle behind the rear fascia.

If false side blind zone alerts occur, inspect the rear bumper fascia for signs of damage. If no fascia damage is found, reprogram the B2181L Side Object Sensor Module. Refer to B2181L Side Object Sensor Module Programming and Setup in the appropriate Service Information.

**TIP:** Remind owners that if the vehicle is towing a trailer or has an object such as a bicycle rack attached to the rear of the vehicle, the Side Blind Zone Alert system may not function properly and the indicators may illuminate intermittently or remain illuminated all the time.

🙏 Thanks to David Roat

## Unable To Learn Tire Pressure Monitor after Tire Service

After performing a tire service (rotation) on some 2007-2012 Malibus, the vehicle may go into tire pressure indicator sensor learn mode but not respond to a sensor or sensors that have been activated with the Tire Pressure Monitor (TPM) tool (either EL-46079 Tire Pressure Monitor Diagnostic Tool or EL-50448 Tire Pressure Monitor Sensor Activation Tool).

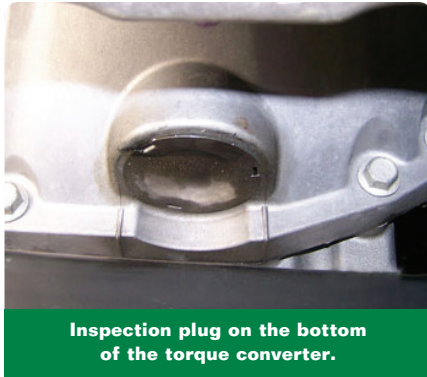
Remove the B+ fuse for the OnStar Vehicle Communication Interface Module (VCIM). For fuse location, refer to the appropriate Service Information for the vehicle being serviced. If it is now possible to complete the TPM learn, complete the procedure and then reinstall fuse.

**TIP:** If an obvious fault or concern is present with OnStar and the account is active, proceed with normal diagnostics according to the appropriate Service Information.

🙏 Thanks to Christopher Crumb

## Grease on the Torque Converter Housing

On some 2015 Colorado and Canyon models equipped with an automatic transmission (RPO MYB), what appears to be an oil drip may be found on the inspection plug on the bottom of the torque converter housing or the crossmember.



Remove the inspection plug with a pick tool and inspect the fluid on it.



The fluid may be grease from the assembly of the transmission to the engine that has migrated to the bottom of the torque converter housing. The fluid will be much thicker than oil.

If grease is found, clean out the inspection hole and plug with degreaser and reinstall the plug. Clean any other affected surfaces.

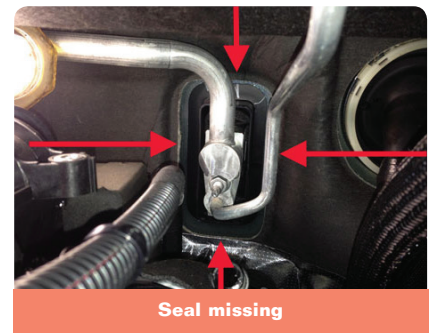
🙏 Thanks to Kenneth Cole

## Engine Tick Sound Heard Inside Cab

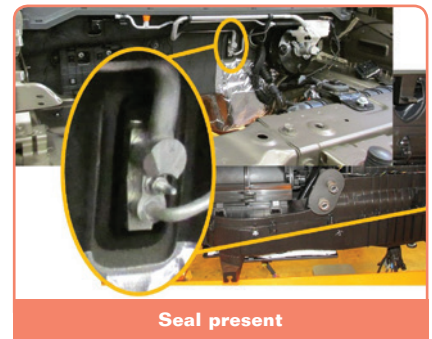
An engine or High Pressure Fuel Pump tick sound may be heard inside the cab of some 2015 Colorado and Canyon models equipped with the 3.6L V6 engine (RPO LFX) that were built prior to October 29, 2014. Comparisons with other trucks with the same powertrain may show the other trucks to be quieter.

**TIP:** A tick noise of this type is a normal characteristic of direct injection engines. Refer to Bulletin #07-06-04-025 for additional information about direct injection fuel system operation.

On trucks built prior to October 29, 2014, an acoustic seal may have been knocked out of place during assembly. If this acoustic seal is dislodged or missing, the High Pressure Fuel pump tick sound can be heard easily inside the cab of the truck.



If the seal is missing, replace it with one from Kit Part Number 23135690. Reference the Blower Upper Case Replacement section of the appropriate Service Information to assist with seal replacement.



🙏 Thanks to Jeremy Richardson

# Radio Backlighting Stays On

On some 2014 Silverado 1500 and Sierra 1500 and 2015 Silverado and Sierra models equipped with transfer case RPO NQF or NQH, the radio backlighting may stay on after the ignition has been turned off and the key has been removed for several minutes. Eventually, the battery will go dead.

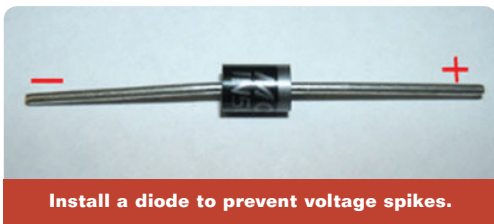
While diagnosing this condition, voltage may be present at the following fuses with the ignition key in the Off position: F23DL, F22DL, F30DL, F31DL, F32DL. These fuses are all on the same Run/Crank Ignition Buss Bar, in the Left I/P Fuse Block, and should not have any power with the ignition off. In some cases, there may only be 2 or 3 volts present. Use a voltmeter to check for voltage.

This condition may be caused by the Transfer Case Control Module (TCCM) back feeding voltage into the fuse block with the ignition off. If the TCCM is disconnected, the voltage at the fuses will be gone. If the TCCM is replaced, the issue may only be corrected for a short time. The internal circuitry of the TCCM may have been permanently damaged by a voltage spike, causing the back feed.

In most cases, the voltage spike is caused by an aftermarket accessory, which uses a solenoid or relay, that is wired onto the F30DL fuse or to the X61A I/P Junction Block connector X7, terminal 11, or connector X5, terminal 35. If these solenoids or relays are not properly suppressed, they will produce a voltage spike. The voltage spike can be transmitted onto the Run/Crank Ignition Buss Bar and permanently damage the TCCM.

**TIP:** Do not replace the TCCM until the root cause of the condition has been narrowed to the solenoid/relay voltage spikes.

To prevent damage to any of the sensitive electronic components on the bussed circuit, the solenoid/relay must have the control circuit suppressed with a diode. The diode will prevent the voltage spikes from being transmitted onto the Run/Crank Ignition Buss Bar and permanently damage the TCCM.



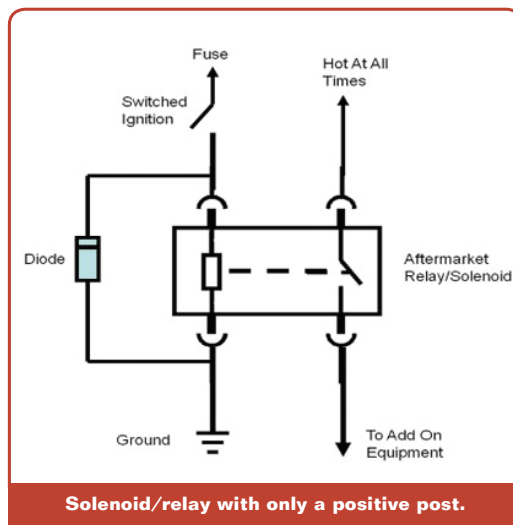
Install a diode, P/N 12112422, across the coil of the solenoid. Connect the striped end of the diode to the positive terminal of the coil and connect the other end of the diode to ground. Be sure to insulate the diode with heat shrink tubing before installation.

Some solenoids/relays may only have a positive post and will get their ground through the mounting bracket. In this case, the striped end of the diode is to be connected to the positive terminal and other end should be connected to the ground of the solenoid/relay.



**Insulate the diode with heat shrink tubing before installation.**

Also install a diode, P/N 12112422, across the coil of the relay. Connect the striped end of the diode to the positive terminal of the coil and connect the other end of the diode to ground. Be sure to insulate the diode with heat shrink tubing before installation.



This repair will not be covered under warranty due to the failure being caused by an aftermarket accessory.

🙏 Thanks to Jim Will

## ASE Now Offers Year-Round Testing

Automotive Service Excellence (ASE) has recently announced that testing is now available 12 months of the year.

After technicians register for testing during one of the four registration windows, they will always have 90 days to schedule an appointment and take the test. This means that whether you register on the first day of registration or the last day, you will have 90 days from that date of registration to complete the test.

Besides being more convenient, the year-round testing should help reduce the

amount of last-minute testing taken at the end of previous testing periods. There will continue to be four testing periods — winter, spring, summer and fall — throughout the year.

### ASE Test Centers

ASE tests are conducted at more than 450 Prometric test centers across the country. Go to [www.ase.com](http://www.ase.com) to find a local test center and to see what to expect at an ASE test center when taking an ASE computer-based test

### Winter Registration

December 1, 2014–February 20, 2015

Register using the myASE LOGIN at [www.ase.com](http://www.ase.com) or call Prometric at 1-877-346-9327.

### Winter Testing

Begins December 1, 2014 and runs continuously

🙏 Thanks to Mike Durkin

# Update Tech2Win for Latest Diagnostics

The Tech2Win application first released to GM dealerships in 2011 is a version of the Tech 2 and CANdi (Controller Area Network diagnostic interface) module loaded onto a Techline PC or laptop computer via TIS2Web. Technicians can take advantage of the computing power of their PC or laptop computer as well as the speed of the MDI — when using Tech2Win, vehicle communication is performed using the Multiple Diagnostic Interface (MDI) — for faster operation, more convenience and added diagnostic capabilities.

Using it on a PC or laptop computer that also has GDS 2 installed provides all diagnostic tools on one computer. Plus, with a laptop computer, Tech2Win can be used during a vehicle road test, offering a larger screen with all of the Tech 2 tool capabilities. Tech2Win also supports touch screen functionality.

## Tech2Win Features

The Tech2Win application offers most of the features and functions of the Tech 2. Tech2Win:

- Is used for diagnostics only. Service programming is still performed through TIS2Web SPS.
- Requires a license that must be updated every 30 days, similar to the license renewal of GDS 2.
- Requires PC and laptop computer specifications that meet or exceed the current minimum Techline hardware specifications. Review the latest specifications and guidelines at [www.gmdesolutions.com](http://www.gmdesolutions.com). (In Canada, the IT guidelines are in the Service Library under Tools, Processes and Equipment on Global Connect.)

## Access for All

The Tech2Win application does not require any special access or other tools or software. When selecting the Tech 2 software download on TIS2Web, a prompt will ask if you want to install Tech2Win.

After installing the Tech2Win application, a software download also will be required to download the desired diagnostic software for the desired vehicle coverage.

## Installing the Tech2Win Application

To install the application:

1. Connect the MDI to the computer. Power it using the AC adapter.
2. Select the Tech 2 software download on TIS2Web. A prompt will ask if you want to install Tech2Win. It can be installed on multiple PCs in the dealership.
3. Install the Tech2Win application using all the default selections. Installation should take less than 10 minutes.
4. Two icons will be placed on the PC desktop — a shortcut for Tech2Win QuickStart and a shortcut for the Tech2Win Configurator, which is used for multiple versions of Tech2Win depending on the vehicles being serviced in the dealership.

After the application installation is complete, the diagnostic software for the desired service coverage and software license must be obtained. To download:

1. Click the Tech2Win QuickStart icon that is now on the PC's desktop.
2. Since Tech2Win does not have a current license, a license dialog box will appear. Click OK.
3. When the MDI is detected, a dialogue box will direct you to select the vehicle communication interface.

4. To initiate the software license and install the diagnostic software, select the Software Download (SWDL) on TIS2Web and click Start Software Download.
5. Select Tech2 and Custom for the update mode.
6. Select the desired diagnostic software package.
7. Click Download to begin downloading the diagnostic package. Current progress and Tech2Win will display during the download.

After the download is complete, the license count-down in the lower right corner will be updated to 30.

This is the number of days until the license must be renewed. When the license expires, an expiration message will be displayed. To renew the license, use the security access service or update the diagnostic software using the standard update mode.

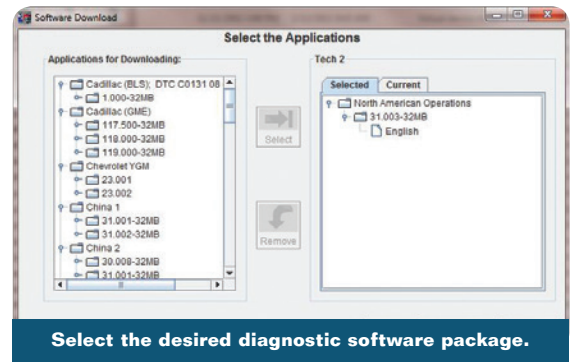
Tech2Win uses Communication Port (comm port) 9 on the PC. If this port is used for other devices, switch the comm port setting by selecting the Tech2Win Configurator icon on the desktop. Refer to the Quick Reference Guide for complete details.

When using Tech2Win, you can click the selections on screen or click the soft buttons on the screen where applicable.

Tech2Win activity is shown on the bottom of the screen between the vehicle, MDI, Tech2Win and the PC.

To access the Quick Reference Guide for additional Tech2Win installation information, go to TIS2Web News and select the Tech2Win Quick Reference Guide.

🙏 Thanks to Chris Henley



# New Categories for Customer Concern Not Duplicated Codes

The Customer Concern Not Duplicated (CCND) labor codes have been updated with new categories as of December 1, 2014. The new categories cover areas of the vehicles not previously covered by CCND labor codes.

In addition, updates have been made to the Body/Electrical categories to remove duplicate titles for different labor codes.

Be sure to use the appropriate CCND labor code based upon the customer concern. The correct codes help the related GM engineering team to more quickly identify trends that can be addressed with product improvements and/or bulletins.

## Updated Body/Electrical CCND Categories

Following are the updated Body/Electrical categories, the specific labor code and an example of a customer concern. Keep in mind that multiple systems or features may fall under the same labor code.

Code	Body/Electrical Category	Example
6429919	Electronics/Safety/Object Detection	Customer states the Lane Departure Warning Indicator illuminates when going around a corner. Followed SI diagnostics for Lane Departure Warning System Malfunction and was unable to duplicate the customer concern.
6459939	Electronics/Airbags	Customer states SIR light has come on but is now off. Performed related system verification procedure in SI with no trouble found and unable to duplicate concern.
2069939	Keyless Entry/Theft Alarm/Memory Seats/Lighting/Power Windows	Customer states the keyless entry transmitter does not operate. Performed related system verification procedure in SI with no trouble found and unable to duplicate concern.
7029929	Seat Heating and Cooling/Hardware, Trim and Upholstery/Power Seat	Customer states the driver front seat heater will not warm up. Performed related Front Heated Seat Malfunction procedure in SI with no trouble found and unable to duplicate the complaint.

## New CCND Categories

Following are new CCND categories to cover previously undocumented vehicle areas.

Code	New Category	Example
1049929	Interior Buzz/Squeak/Rattle	Customer states there is rattle from the driver door when it is closed. Performed related system verification procedure in SI with no trouble found and unable to duplicate concern.
0559929	Air/Wind Noise	Customer states there is a wind noise from the windshield area. Performed related system verification procedure in SI with no trouble found and unable to duplicate concern.
0569929	Water Leaks	Customer stated water was leaking from the sunroof area, followed SI diagnostics for water leaks and was unable to duplicate the customer concern.

All labor codes, including CCND codes, can be found in the Labor Time Guides in the Service Information. Use the drop-down menus to build the desired model to view the applicable Labor Time Guide. For a complete list of CCND labor codes, refer to the latest version of Bulletin #06-00-89-026.

🙏 Thanks to Bob Wittmann

# Oil Leak after the Harmonic Balancer is Removed

There may be an oil leak condition after the harmonic balancer is removed or replaced on some 2015 Escalade models, 2014-2015 Silverado 1500, Suburban, Tahoe, Sierra 1500, Yukon models and 2014 Corvette, equipped with the 4.3L, 5.3L or 6.2L engine (RPOs L83 L86 LT1 LV3).

When reinstalling the harmonic balancer, a different bolt design may have been used than what was removed from the engine.

Gen 4 engines use a non-keyed harmonic balancer. The only part of the crank that is keyed drives the oil pump. The bolt has a friction material on the face. It does not



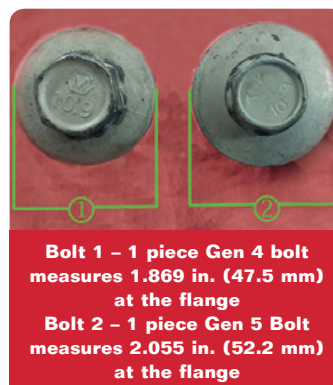
seal the harmonic balancer to the crank.

Gen 5 engines use a keyed harmonic balancer that can see oil pressure. It uses both a 1 piece bolt and a 2 piece bolt and washer arrangement. It seals to the face of the crank.

If a Gen 4 bolt is used in a Gen5 engine, it will result in an oil leak.

**TIP:** The LT1 engine dry sump uses a longer bolt due to the oil pump that is used on this system.

🙏 Thanks to Richard Renshaw



# Hood Bumpers and Latch Adjustment

The hood of a 2015 Colorado or Canyon may shake or flutter while driving due to misadjusted hood bumpers or the hood latch.

Use a piece of paper to check for proper contact of the outer and middle bumpers to the hood. The paper must not pull free when the hood is closed.

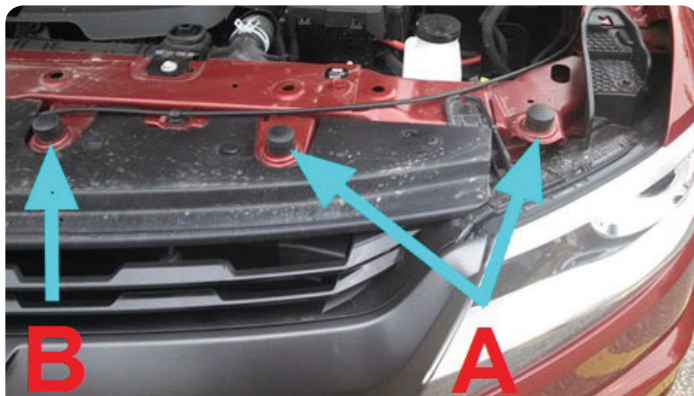
**TIP:** Do not place the paper over the headlamp. For the out-board bumpers, place the paper to the side of the headlamp and pull it over the fender. For the middle bumpers, place the paper to the front of the truck and pull it forward.



Check for proper contact of the outer and middle bumpers to the hood.

## Bumper and Latch Adjustment

If the paper can be pulled loose, the bumpers and latch are not properly adjusted. It will be necessary to raise the outer and middle hood bumpers (2 per side) until the hood is flush with the fenders. Set the height of the bumpers to 22 mm off of the bracket surface and repeat the paper test.



A. Outer and middle hood bumpers (2 per side)  
B. Inner bumpers (one on each side of the latch)

If there is not enough contact and the hood is flush to the fenders, temporarily mark the position of the hood latch and use a 13 mm ratchet or wrench to loosen the hood latch bolts just enough so that the latch will move but is not completely free.

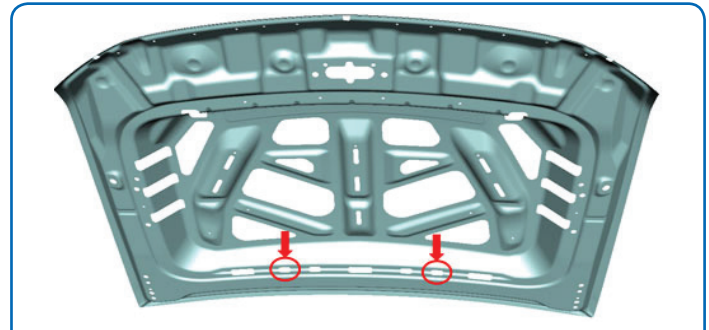
Lightly tap the hood latch to lower it straight down 1 mm (do not move it left or right) and retighten to 22 Nm (16 lb.-ft.) with a torque wrench.

After lowering the hood latch, lower the two inner bumpers (one on each side of the latch) by 1/4 to 1/2 turn clockwise. Repeat until the closing effort of the hood is acceptable.

Perform the paper test on the inner bumpers after latch adjustment. There should be very little to no drag to remove the paper.

## Sound Deadener

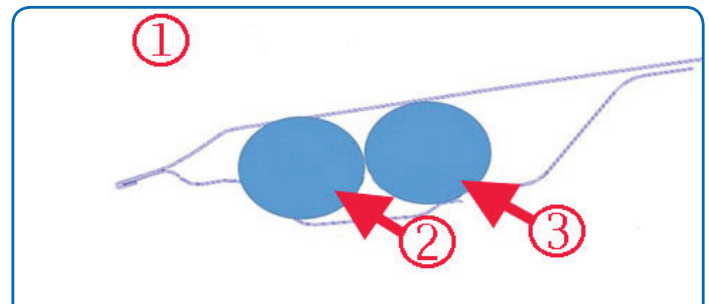
If the paper cannot be pulled loose, the bumpers and latch are in adjustment. Apply Kent® Ure-Foam Expandable Foam Sound Deadener or equivalent in two locations (one per side).



Apply the foam sound deadener in two locations (one per side).

Remove the hood insulator, if applicable, and inject foam into the second hole from the side. Aim the applicator nozzle straight to the back and begin to fill the cavity. Once half of the product has been dispensed, tilt the tip upward and slowly draw the applicator back as the last half of the foam is injected, ensuring the product is applied to the hood panel. Remove any excess foam that prevents the hood insulator from installing into the outer hole.

The following illustration shows a cross-section of the hood assembly. Apply the first half of the product in area 2. Apply the second half of the product in area 3.



Apply the first half of the product in area 2 and the second half of the product in area 3.

**TIP:** The Kent Ure-Foam Expandable Foam Sound Deadener takes up to three days to fully cure. Advise the customer that it may take up to three days before the maximum benefits of the sound deadener are realized.

Repeat the application of the sound deadener on the other side of the hood and reinstall the hood insulator.

Refer to #PIT5340 for additional information and part numbers.

🙏 Thanks to Jeremy Richardson



# TECHLINK

GM TechLink is published for all GM retail technicians and service consultants to provide timely information to help increase knowledge about GM products and improve the performance of the service department.

**Publisher:**

John Meade  
GM Customer Care and Aftersales

**Editor:**

Lisa G. Scott  
GM Customer Care and Aftersales

**Technical Editor:**

Mark Spencer  
mspencer@gpstrategies.com

**Production Manager:**

Marie Meredith

**Graphic Design:**

5by5 Design LLC  
dkelly@5by5dzn.com

**FAX number:**

1-248-729-4704

**Write to:**

TechLink  
PO Box 500  
Troy, MI 48007-0500

**GM TechLink on the Web:**

GM GlobalConnect

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## Squeak Sound from HUD Area

On some 2015 Escalade and Yukon models equipped with a Head-Up Display (RPO UV6), a squeak sound may be heard at the top left side of the instrument panel while driving. The sound may be duplicated while the vehicle is parked by applying pressure up and down on the steering wheel. Do not use the tilt steering wheel feature to try to duplicate the sound. It also may seem that the sound is coming from behind the instrument cluster.



Four areas of HUD shroud with felt tape.



Felt tape applied to the full perimeter of the HUD shroud.

The sound may be caused by the Head-Up Display (HUD) lens rubbing on the HUD shroud. The HUD shroud is part of the upper instrument panel extension.

The HUD shroud may have four areas with felt tape installed, which is inadequate to eliminate the squeak sound.

To eliminate the squeak sound, add 1 mm-thick felt tape, obtained locally, to the full perimeter of the HUD shroud.

Thanks to Jim Will

## Service Technical College – New Training Courses

Following are the latest service technical courses available to technicians through the GM Service Technical College.

For more information about available service training courses, log in to the GM Center of Learning at [www.centerlearning.com](http://www.centerlearning.com) and click the Catalog link. Use the drop-down menus to search for courses by delivery type, audience, and category.

Course Number	Course Title	Course Type	Duration
10041.12W-R2	SI Overview	WBT	1.5 hr
10214.14W	2015 City Express	WBT	1 hr
10315.12W	2015 Chevrolet Trax Model Year Update	WBT	1 hr
10315.89W	2015 Corvette Z06 New Model Launch	WBT	2 hr
10315.92H	2015 Cadillac CTS Model Year Update	ILT	2 days
10343.10H	Turbocharger System Operation and Diagnosis	ILT	0.5 day
16240.70W-R2	Bi-Fuel System Operation	WBT	1.5 hr
16440.19D	Engines: New and Updates	VCT	2 hr
18410.00W	Two-Mode Hybrid Diagnostic Exercise	WBT	0.5 hr
18440.20D1-R2	GM Global Electrical Systems	VCT	2 hr
18440.20D2-R2	GM Global Electrical Systems	VCT	2 hr

WBT – Web-Based Training; VCT – Virtual Classroom Training; HO/ILT – Hands-On/Instructor-Led Training

## Bulletin Review

Bulletin Category	Bulletin Number	Subject	Models
Body Hardware and Trim	09-08-110-011C	Front or Rear Door Lock Lever Bezel Loose or Detached (Replace Bezel)	2008-2011 Cadillac CTS, CTS-V
Body Hardware and Trim Body Systems Body and Accessories General Information	10-08-110-001C	Information on Proper Use of Floor Mats	2015 and Prior GM Passenger Cars and Trucks
Body Systems Body and Accessories	03-08-48-006J	Repair Information for Reconnection of Rear Window (Defroster) Contact or Tab	2000-2015 GM Passenger Cars and Trucks (Excluding 2015 Chevrolet Tahoe, Suburban, GMC Yukon and Cadillac Escalade)
Driveline/Axle General Information	14-04-20-001A	Moan from Rear Differential During Low Speed Tight Turn Maneuvers	2014-2015 Chevrolet Camaro Z/28
Engine Engine/Propulsion General Information Power and Signal Distribution	15-06-03-001	Cold Weather and Long Stand Time Battery Maintenance and Testing Tips	2015 and Prior GM Passenger Cars and Light Duty Trucks
Engine	14-06-01-002A	Crankshaft Rear Oil Seal – Oil Leak	2012-2013 Buick Enclave, LaCrosse; 2012-2013 Cadillac CTS, SRX; 2013 Cadillac ATS, XTS; 2012-2013 Chevrolet Camaro, Captiva, Equinox, Impala, Traverse; 2012-2013 GMC Acadia, Terrain
General Information Transmission/Transaxle	03-07-29-004I	Manual Transmission Operating Characteristics	2015 and Prior GM Passenger Cars and Light Duty Trucks; 2009 and Prior Chevrolet and GMC Medium Duty Trucks
General Information	10-00-89-005D	Warranty Administration – Revised Wiring Repair Labor Operations and Required Additional Information	2015 and Prior GM Passenger Cars and Light Duty Trucks
Suspension	13-03-10-001B	Information on Tire Cold Weather Cracking	2012-2015 Buick Regal GS; 2014-2015 Cadillac CTS Vsport; 2012-2015 Chevrolet Camaro ZL1, Z/28; 2013-2015 Chevrolet Camaro SS with RPO 1LE; 2014-2015 Chevrolet Corvette, Corvette Z06, SS
Suspension	03-00-91-001G	Vibration Analysis Worksheet	2015 and Prior GM Passenger Cars and Trucks
Suspension	04-03-10-013I	Driving Characteristics of Rear Wheel Drive Vehicles and Available Winter Tires	2012-2015 Buick Regal GS; 2013-2015 Cadillac ATS; 2010-2013 Cadillac CTS Sedan; 2014-2015 Cadillac CTS Sedan (VIN A); 2010-2015 Cadillac CTS-V; 2014-2015 Cadillac CTS-V Sport; 2010-2014 Cadillac CTS Wagon; 2011-2015 Cadillac CTS Coupe; 2010-2015 Chevrolet Camaro; 2012-2015 Chevrolet Camaro ZL1; 2014-2015 Chevrolet Camaro Z28; 2014-2015 Chevrolet Corvette, Corvette Z51; 2014-2015 Chevrolet SS
Transmission/Transaxle	14-07-30-001B	Information on Transmission Adaptive Functions and Correcting Low Mileage Harsh Shifts	2015 Cadillac Escalade, Escalade ESV; 2015 Chevrolet Corvette, Silverado; 2015 GMC Sierra, Yukon, Yukon XL

### Service Know-How

#### 10215.01D Emerging Issues | January 8, 2014

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