



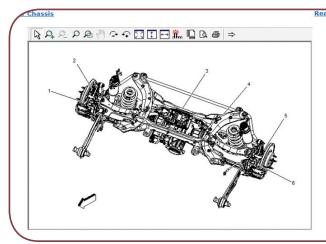


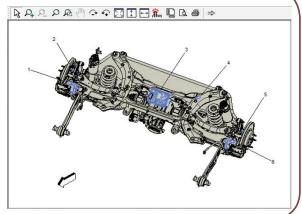




February 2017, Volume 19, No. 3

New Color Graphics for Component Locator and Harness Routing Views





Beginning with 2018 model year, the Electrical Component Locator and Harness Routing Views in the Service Information will be getting a new look. The graphics will feature different colors for components, harnesses, connectors, splices and grounds. The use of color will enhance the views and make it easier to identify the different parts. The color graphics are similar to the recently updated format of the Replacement Procedures in the Service Information.

All Electrical Component Locator and Harness Routing View graphics will adopt the new coloring scheme for the 2018 model

year. Prior model years will not be updated. However, as some graphics apply to multiple model years, new and old style graphics may be found in the Service Information of earlier models.

The Electrical Component Locator and Harness Routing Views also continue to include the current mouse-overs and links to Connector End Views.

See page 3 for examples of the new color graphics.

continued on page 3

New Bosch U.S. Repair Center Location for Tech 2, MDI Repairs

The Bosch U.S. Repair Center in Goleta, California, which supports repairs to GM Tech 2, MDI and MDI 2, and Controller Area Network diagnostic interface (CANdi) module products, is moving to a new repair center in Owatonna, Minnesota. There will not be any disruption to repair services due to the relocation. The transition to the new location is scheduled to be completed by May 1, 2017.

All processes for making tool repairs remain the same. If you call the phone number on the back of the tool, you will be connected directly to the new Owatonna Repair Center. If you contact the 1-800-GM-TOOLS Bosch Call Center or the GM Techline Support Center, you will be referred to the new repair center.



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<u>GM</u>

Customer Care and Aftersales

New TAC Action Centers for CT6 PLUG-IN, Camaro ZL1 and 1LE

The GM Technical Assistance Center (TAC) has established Action Centers for the 2017 CT6 PLUG-IN (RPO HP9) and the 2017 Camaro ZL1 and 1LE models.

TAC Action Centers are designed to gather early feedback and provide support for the introduction of new GM models. Dealership service departments are asked to report all vehicle issues that require immediate attention, not just concerns that require technical assistance. The goal is to develop a quick resolution to any product concerns, such as fit and finish, performance, and operation.

Action Centers have a direct connection to GM Engineering, Brand Quality and the assembly plant, which offer combined resources to immediately address product concerns seen in the dealership. Each TAC case is recorded and sent out to hundreds of people representing engineering, manufacturing, aftersales and other organizations across GM. Prompt test results and repairs from dealership technicians back to the Technical Assistance Center is critical to helping ensure a successful model launch.



Camaro ZL1



CT6 PLUG-IN

If any concerns are encountered with the new CT6 PLUG-IN or Camaro ZL1 and 1LE in your dealership, contact the Technical Assistance Center.

(S) Thanks to Stephen Jacob



Camaro 1LE

New Bosch U.S. Repair Center Location for Tech 2, MDI Repairs - continued from page 1

TIP: If you are sending in a product for repairs, it should be shipped to the new Owatonna, Minnesota address.

New Contact Information

For all future repair requests, use the following contact information.

Website: repairtrack.bosch-automotive.com Email: eservice@service-solutions.com Phone: 1-800-344-4013

Repair Center: Bosch Service Repair 755 Eisenhower Dr., Owatonna, MN 55060

Online Repairs

The Bosch RepairTrack website provides the ability to manage the tool repair experience with an easy way to send tools in for repair and track them from the moment they leave your facility.

To begin the tool repair process, sign in or register as a new user on the RepairTrack website. After clicking the RRA (Repair Return Authorization) button on the left side of the home page, enter the requested information and follow the on screen instructions.

() Thanks to Kent Woiak

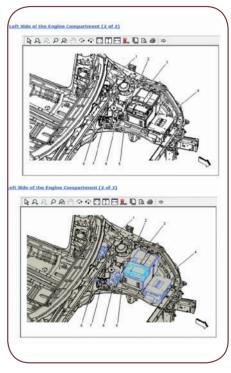


repairtrack.bosch-automotive.com

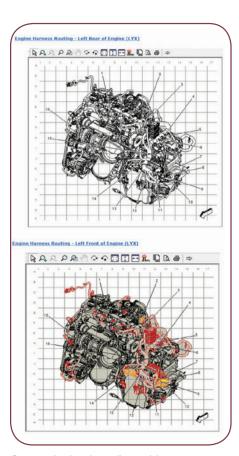
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New Color Graphics for Component Locator and Harness Routing Views - continued from page 1

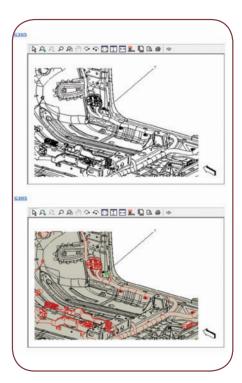
Component Locator and Harness Routing View Graphic Colors				
Item Type	Color		Tip	
Components	Blue			
Components	Light Blue		Only used when two or more components are directly next to each other to distinguish between the components.	
Harnesses	Red			
Inline Harness Connectors	Orange			
Inline Harness Connectors	Yellow		Only used when two or more inline harness connectors are directly next to each other to distinguish between the connectors.	
Splices	Purple			
Grounds	Green			
Vehicle Background	Gray			



Previous (top) and new (bottom) views showing two components next to each other.



Previous (top) and new (bottom) harness routing graphics.



Previous (top) and new (bottom) harness and ground graphics.

(Thanks to Lou Winters

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Download the Latest AFIT Software Update

The latest software update for the CH-47976-210 Active Fuel Injector Tester (AFIT) is now available for download. The software can be accessed from the Service Workbench selection of "Special Tools & Software Updates" in GM GlobalConnect or at gmtoolsandequipment.com by selecting AFIT from the list of software downloads.

Software Update

The software release — free of charge to GM dealerships — updates several aspects of the AFIT diagnostic tool:

- Additional coverage for 2017 and 2018 model year vehicles
- Database support and programming for applications requiring G1, G2a, G3, G4, and G5 cables and G2b, G2c, G3b and SENT adapters
- Windows 10 compatibility for PCs and laptops (GM approved 32-bit edition, 64-bit Professional edition)
- Enhancement of USB/Serial communications
- Includes other vehicle coverage additions and corrections since the prior release

For questions regarding the software release, contact Bosch Automotive Service Solutions Technical Support at 1-800-GM-TOOLS (1-800-468-6657).

Thanks to Chuck Berecz



AFIT download link

Camaro 1LE Hood Wrap Service

All 2017 Camaro models (V6 and V8) equipped with the 1LE track package (RPO A1X, A1Y) feature a 3M Brand vinyl hood wrap. The hood wrap is made



Camaro 1LE V6 (left) and V8 (right) models both feature a vinyl hood wrap.

of a matte finish vinyl material that is applied to the car before it arrives at the dealership. All 1LE hood wraps are black.

The vinyl hood wrap can be damaged if not cared for properly. Common issues are smudges or stains on the matte finish due

to fingerprints, improper cleaning practices, or using cleaning products that remain on the hood wrap and create an outline on the vinyl surface. In some cases, there may be small rips or other physical damage to the hood wrap.



The matte finish of the hood wrap can be damaged if not cared for properly.both feature a vinyl hood wrap.

If the repairs are covered under warranty, photos of the entire car and damage to the hood wrap should be taken and submitted as a Field Product Report (U.S.) or Product Information Report (Canada).

Cleaning the Hood Wrap

The first step to servicing the hood wrap when any damage is found is to clean the hood. Hand washing is recommended using 3M or Meguiar's car care products. Immediately rinse the vehicle and dry the hood wrap with a soft squeegee or soft cloth to help restore the graphic's luster.

A touchless car wash may be used. To avoid water spotting, always drive the vehicle through the drying cycle.

To remove tar, bugs or other debris from the hood wrap, use a commercial cleaner designed for



V8 hood vent

such use. Do not rub vigorously on the matte finish. Immediately wash the hood wrap with a recommended cleaning solution and rinse and dry the hood.

New Hood Wrap

If the damage remains after cleaning and it's determined a new hood wrap is needed, the 1LE hood wrap decal can be obtained through GM service parts. The same part number applies to hood wraps for both 1LE V6 and V8 models.

It will be necessary to cut the holes in the hood wrap to accommodate the V8 hood vents.

3M Certified Installer

The 1LE hood wrap must be installed by a 3M certified technician. If your dealership or body shop does not have a 3M certified installer, contact 3M Technical Assistance at 1-800-328-3908 for contact information of a local 3M representative.

Thanks to Ann Briedis

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DTCs Set with Vehicle Parked for Extended Period

On some 2017 Encore and Trax models equipped with the 1.4L engine (RPO LUV), the Check Engine light may be illuminated and Diagnostic Trouble Codes (DTCs) P0335 (Crankshaft Position Sensor Circuit), P0340 (Intake Camshaft Position Sensor Circuit), or P0365 (Exhaust Camshaft Position Sensor Circuit) may be set. These conditions may only occur on a vehicle with low mileage or that was parked for an extended period of time. If all three DTCs are set, it may be due to a low state of charge in the battery during two consecutive engine starts.



Follow the battery inspection test in the appropriate Service Information using the GR8 Battery Tester (EL-50313-20). If the battery passes the GR8 test-

ing, clear the DTCs and start the vehicle twice to verify that the codes do not reset.

If the codes do not reset, do not attempt any additional repairs and return the vehicle to the customer.

If the codes reset, follow the diagnostics in the appropriate Service Information.

TIP: Always write the test code displayed by the GR8 Battery Tester on the repair order for any warranty purposes.

Thanks to Raymond Haglund

Beep in Background during Lengthy Bluetooth Phone Calls

A faint beep sound may be heard in the background during lengthy Bluetooth phone conversations on some 2016-2017 Equinox and Terrain models equipped with an infotainment system that contains Bluetooth (RPO UHQ; UFU with UP9). The beep sound is only heard by the person on the other end of the call. It

is not heard by the person inside the vehicle.

TIP: Infotainment system RPO UHQ contains Bluetooth. Infotainment system RPO UFU only contains Bluetooth with RPO UP9 (Bluetooth). UP9 indicates Bluetooth is part of the infotainment system. Without UP9, Bluetooth is part of the OnStar module.

The beep sound may not be noticed until five or more minutes into a conversation, so it may not heard during shorter calls. The sound starts as an occasional beep and eventually becomes more frequent, occurring about once per second.



Infotainment system RPO UHQ

The beep sound is very faint and does not interfere with the conversation. However, it will become more apparent during a pause in the conversation.

TIP: Do not confuse the beep sound with other common sounds used for various phone functions, such as call waiting or text notification.

If this condition is found, evaluate Bluetooth and radio performance to ensure that other conditions are not present. If there are other conditions, continue diagnosis following the appropriate Service Information. If no other conditions are evident, document the type of phone, phone network and the latest phone software version.

GM Engineering is currently evaluating the beeping condition. Do not attempt any repairs or replace any parts at this time.

Thanks to Jamie Parkhurst



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.

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