



Disabling the Chevrolet Multi-Flex Tailgate & GMC MultiPro Tailgate Function

The Chevrolet Multi-Flex tailgate and GMC MultiPro tailgate (RPO QK2) available on the 2022 Silverado 1500, Silverado 2500/3500, Sierra 1500 and Sierra 2500/3500 offers flexibility and functionality designed to improve loading, unloading and access to the cargo box.

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Disabling the Chevrolet Multi-Flex Tailgate and GMC MultiPro Tailgate Function

It features a primary gate and inner gate, both of which are released using the buttons on the tailgate. The primary gate also can be released remotely using the Remote Keyless Entry transmitter (key fob) or the button on the center of the instrument panel. The tailgate is not power operated.

DISABLING THE INNER GATE

There are two release buttons on the tailgate. Unlock all doors to use the tailgate buttons. To open the primary gate, press the lower button. Press the upper button to release only the inner gate.



Press the lower button to release the primary gate and the upper button to release the inner gate.

To open the primary gate and the inner gate at the same time, press the lower button and then the upper button consecutively.

Do not lower the inner gate with the primary gate open (easy access or step positions) if a hitch ball or trailer is attached. This



Clearance between hitch receiver and lowered inner gate.

may damage the tailgate due to the amount of clearance between the hitch receiver and the lowered inner gate. The inner gate is equipped with an enable/disable feature to prevent it from being opened when a hitch or other equipment is installed that could damage the inner gate when lowered.

To disable the inner gate from opening, press and hold the upper button on the tailgate for 3 seconds. The key fob must be within 3 feet (1 meter) of the rear bumper.



Press and hold the upper button to disable the inner gate.

The tail lamps will flash when the inner gate has been disabled. The inner and outer gates can still be operated like a traditional tailgate, but the inner gate will not be able to be opened alone.

To enable the inner gate function, press and hold the upper button on the tailgate for 3 seconds until the tail lamps flash. The inner gate can then be opened separately from the outer gate.

TIP: If the inner gate is not functioning properly, check that it has not been disabled (possibly inadvertently) by the owner. Re-enable



Release bar

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Diagnosing Engine Sounds



If an engine ticking or knocking sound is noticed on some 2019-2022 Silverado, Sierra; 2021-2022 Tahoe, Suburban, Yukon and Escalade models equipped with the 5.3L V8 engine (RPO L84) or 6.2L V8 engine (RPO L87), it may be helpful to diagnose if the sound is isolated to the upper or lower end of the engine, narrowing the possible location of the sound source.

To verify if the sound is coming from an accessory drive component, remove the accessory drive belt and briefly run the engine.

Next, using GDS2, select Cylinder Power Balance in the Fuel System section of the output control functions. Cancel cylinders one by one and check if the sound noticeably changes. If the sound changes, make a note of which cylinder(s) made the most impact on the noise.

TIP: Do not use the GDS2 control function Cylinder Deactivation for this procedure. Cylinder Deactivation is for deactivating the lifters and is intended for misfire/Dynamic Fuel Management system diagnosis. Using this function for noise diagnosis can be misleading since it may change/eliminate a lower end noise and give the impression it is

a lifter since that is what is being commanded, potentially leading to unnecessary lifter replacement.

Engine sounds that are noticeably affected by cylinder cancellation are typically considered a "lower end noise," such as a connecting rod bearing, wrist pin, etc., whereas valvetrain noises are not generally impacted by this procedure.

Review the appropriate Service Information engine noise diagnostics for further isolation of a specific component.

► Thanks to Tim Lightfoot

the inner gate and check operation before continuing with any diagnosis or repairs.

TAILGATE FUNCTIONS

The tailgate has six functional positions, including a load stop to help secure cargo and a step for easier access to the cargo box.

Press the release bar on the inside of the tailgate to open the load stop or lower the step.

The inner gate step — load rating of 375 lbs. (170 kg) — has a convenient fold-up assist handle on the left side of the cargo box.

To use the handle, lift it up until it locks in the open position. To store the handle, pull the release lever toward the ball end of the handle and push the handle back to the closed position.



Full-width step position

► Thanks to David MacGillis

Shift to Park Message on Camaro Models

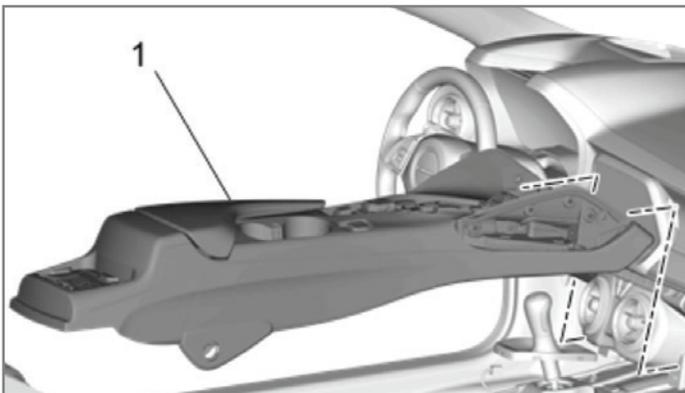
Some 2016-2020 Camaro models equipped with the 8-speed automatic transmission (RPO M5T, M5U) or 10-speed automatic transmission (RPO MF6, MGL, MI1, MI2, MI4) may have a Shift to Park message displayed on the Driver Information Center (DIC).



Automatic transmission

The Shift to Park message may be caused by the park switch being unable to pull the signal circuit low, telling the Body Control Module (BCM) that it is electronically in Park. If this condition is found, install a jumper harness and replace the transmission control assembly.

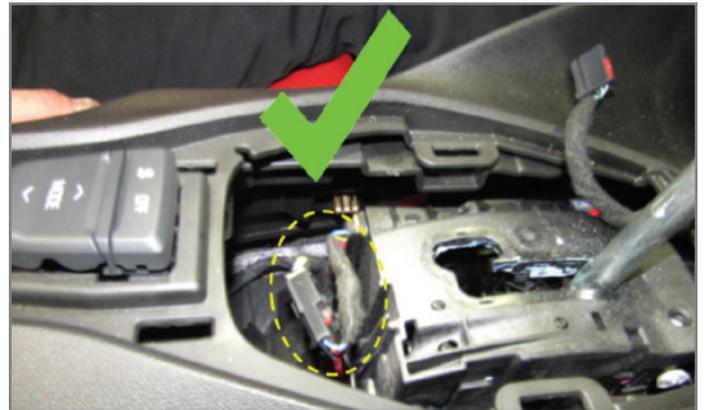
To install the jumper harness, first remove the front floor console and related components, and the transmission control assembly.



Front floor console

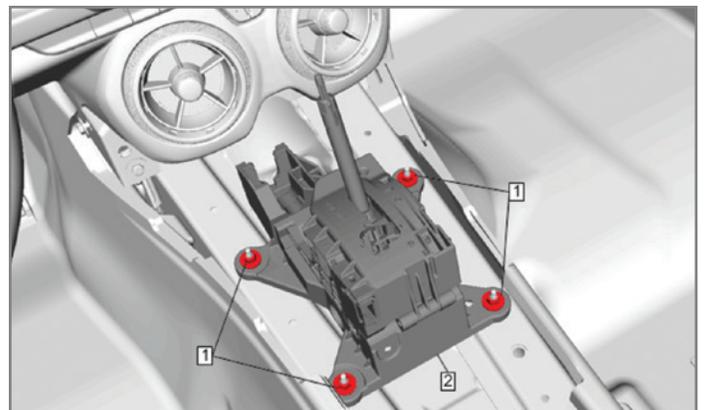
The jumper harness should be installed between the shift control and the console body harness connector. Be sure that the jump harness is not twisted or kinked when installed.

Next, install the new transmission control assembly. When reconnecting the transmission range selector shift cable to the transmission, verify all connections are fully seated and properly engaged.



Jumper harness

After repairs are complete, start the vehicle and verify that the Shift to Park message is not displayed on the DIC.

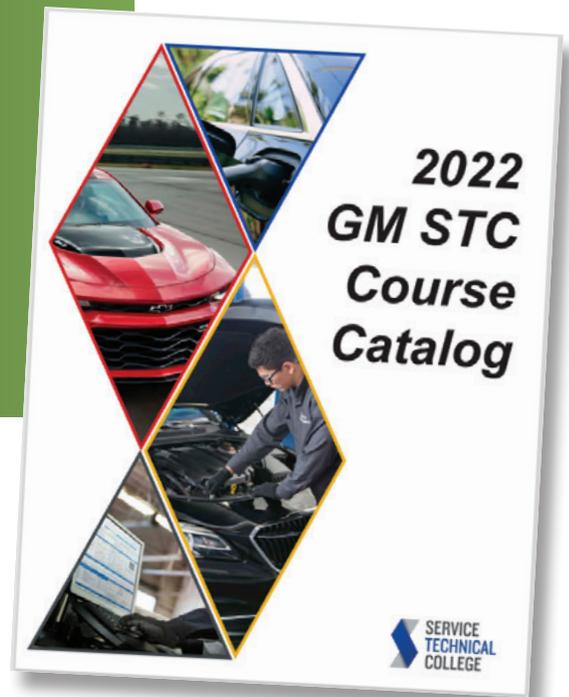


Transmission control assembly

For more information, including part numbers, refer to Bulletin #21-NA-245.

► Thanks to Kurt Hoezee

New STC Course Catalog for 2022 Now Available



The new 2022 GM Service Technical College (STC) Course Catalog (U.S.) is now available on the Service Technician Training, Recruiting, Retention, and Recognition App on GlobalConnect and on GMSTC.com. The course catalog has been updated with the current GM STC course curriculum and divisional training requirements along with a variety of other training information, including an overview of the technician training program and performance-based curriculum as well as details about training provided by GM-approved suppliers and other helpful learning resources.

The 2022 catalog also features an overview of GM STC training, the current Service Training Standards (STS), the recommended path to 100% STS, and how to achieve GM Master Technician Certification (MTC) and GM World Class Technician certification.

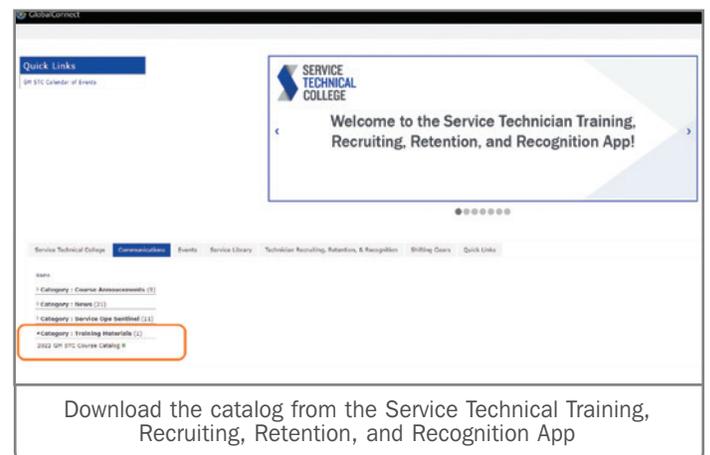
Center of Learning training is available at the dealership through a variety of media. GM STC courses have evolved from traditional instructor-led to blended learning with more flexible delivery methods while emphasizing performance-based outcomes. Available training courses are offered in a variety of delivery methods, such as Web-Based Training (WBT), Interactive Video, Virtual and Performance Instructor-Led Training (V/P-ILT), Performance Support Object (PSO), Video On Demand (VOD), Diagnostic Exercises (DE), and Hands-On Training.

The 2022 Dealer Divisional STS and MTC Requirements include 16 certification areas covering cars and light-duty trucks:

1. Emerging Issues
2. Fundamentals
3. Engine Repair
4. Automatic Transmission/Transaxle
5. Steering and Suspension
6. Electrical/Electronics Systems
7. Heating, Ventilation and Air Conditioning
8. Brakes
9. Engine Performance
10. Diesel Engine Performance
11. Manual Drivetrain and Axle
12. Mechanical /Electrical Body Repair
13. Hybrid/Electric Vehicles (Advanced Technology Vehicles)
14. Bi-Fuels
15. Body Structural Repair (I-CAR)
16. Paint and Refinish

The Medium Duty category does not have a training path in the Center of Learning.

VIEW THE CATALOG



To view and save the 2022 catalog for reference throughout the year:

- Launch the Service Technical Training, Recruiting, Retention, and Recognition App from GlobalConnect.
- Select the Communications tab and then the Training Materials category.
- Select the 2022 GM STC Course Catalog to download a copy.

For information regarding enrollment, specific charges and/or program information, contact the Center of Learning Help Desk using the Live Chat feature on the Help page on www.centerlearning.com.

► Thanks to Eric Kenar

Wrinkle in Hood Stripe or Hood Wrap



A wrinkle or bubble may be seen in the stripe decal or hood wrap around the outer edges of the hood air scoop on some 2019-2022 Camaro models.

The wrinkle or bubble may be caused by the edges on the bottom of the hood air scoop pressing deep into the stripe or hood wrap, causing air pockets to form over time.

To correct the wrinkle or bubble condition, first remove the hood air scoop from the hood. The hood air extractor water deflector must be removed before the hood air scoop. Follow the procedures under Hood Air Scoop Replacement (ZL1 with A1Y) in the appropriate Service Information.

Place the removed hood scoop facing downward and locate the inner and outer tuning ribs.

Use sandpaper to sand down the ribs. For additional clearance between the air scoop and the hood, add an extra layer of foam tape on top of the existing tape.

Next, remove the decal striping or wrap from the hood. A new stripe or hood wrap will need to be installed.

TIP: Before wrapping the edges where the hood air scoop is mounted, mix a chemical solution with 70% Isopropyl alcohol that is mixed to a ratio of 25% alcohol to 75% water. Use the solution to spray the adhesive side and then wrap it over the edges to help provide extra adhesion.



Wrinkle around the hood scoop



Remove the hood air scoop from the hood.



Inner and outer tuning ribs



Sand down the ribs.

Once the new striping or hood wrap is installed, wait 30 minutes to allow for curing before reinstalling the hood air scoop.

The Camaro 1LE hood wrap must be installed by a certified "wrap" technician. If your dealership/body shop does not have a certified installer, contact Kay Automotive Graphics for information about local certified installers near your dealership.

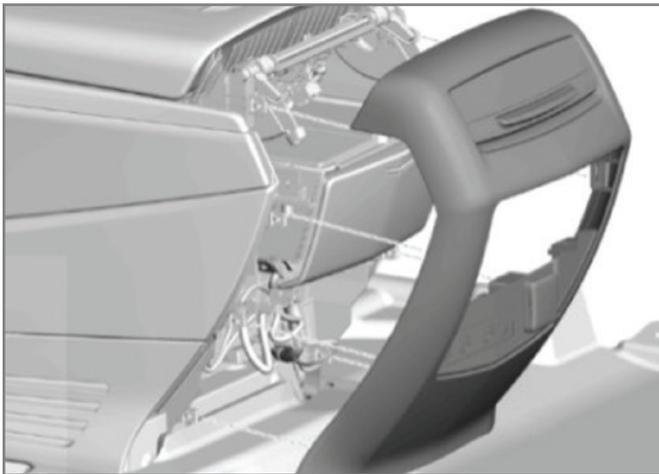
Refer to Bulletin #20-NA-168 for more information about servicing the 1LE hood wrap.

For additional repair information, including part numbers, refer to Bulletin #21-NA-290.

► Thanks to Kurt Hoezee

Air Conditioning Blows Warm Air

The air conditioning may blow warm air on some 2021-2022 Tahoe, Suburban, Yukon and Escalade models. The Check Engine MIL may be illuminated and DTCs B1AA3 (Run/Crank Relay Coil Control), U3018 (Control Module Input Power Circuit 1/2 Correlation) and U3505 (Control Module Input Power 2 Circuit Low Voltage) may be set.



Access the front floor console lid hinge area to inspect the wiring.

These conditions may be the result of circuit 4786 in the front floor console compartment lamp shorting out, opening the BCM 2 fuse F4DR. If the cause is not found after following the Service Information diagnostics for any DTCs set, access the front floor console lid hinge area to inspect the wiring for the console compartment lamp.



Check if the two circuits to the compartment lamp are shorted together.

In some cases, the two circuits to the compartment lamp will be broken and shorted together. Repair any damaged circuits following the wiring repairs in the appropriate Service Information.

For additional information about wiring repairs, refer to Bulletin 10-00-89-005.

► Thanks to Jim Will

TECH LINK

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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