

#16-NA-153: Compressed Natural Gas (CNG) Fuel Line Inspection and Replacement Part Identification - (Jun 28, 2016)

Subject: Compressed Natural Gas (CNG) Fuel Line Inspection and Replacement Part Identification



| Brand: | Model: | Model Year: | | VIN: | | Engine: | Transmission: |
|----------------|-----------------|-------------|------|------|----|------------|---------------|
| | | from | to | from | to | | |
| Chevrolet, GMC | Express, Savana | 2011 | 2015 | | | 6.0L (LC8) | All |

| | |
|----------------------------|---|
| Involved Region or Country | North America |
| Additional Options (RPO) | LC8, DNS, FHZ, (Optional UFP) |
| Condition | Technicians may now order service kits as well as individual fuel tank lines and hoses for CNG equipped vans. |

[Information](#)

The purpose of this bulletin is to show the "1st design" and "2nd design" CNG fuel lines, as well as the availability of new service kits.

Service kits are being made available for repair or replacement of CNG fuel tank hardware. Kits will include required parts as needed such as O-rings, clips, nuts or brackets.



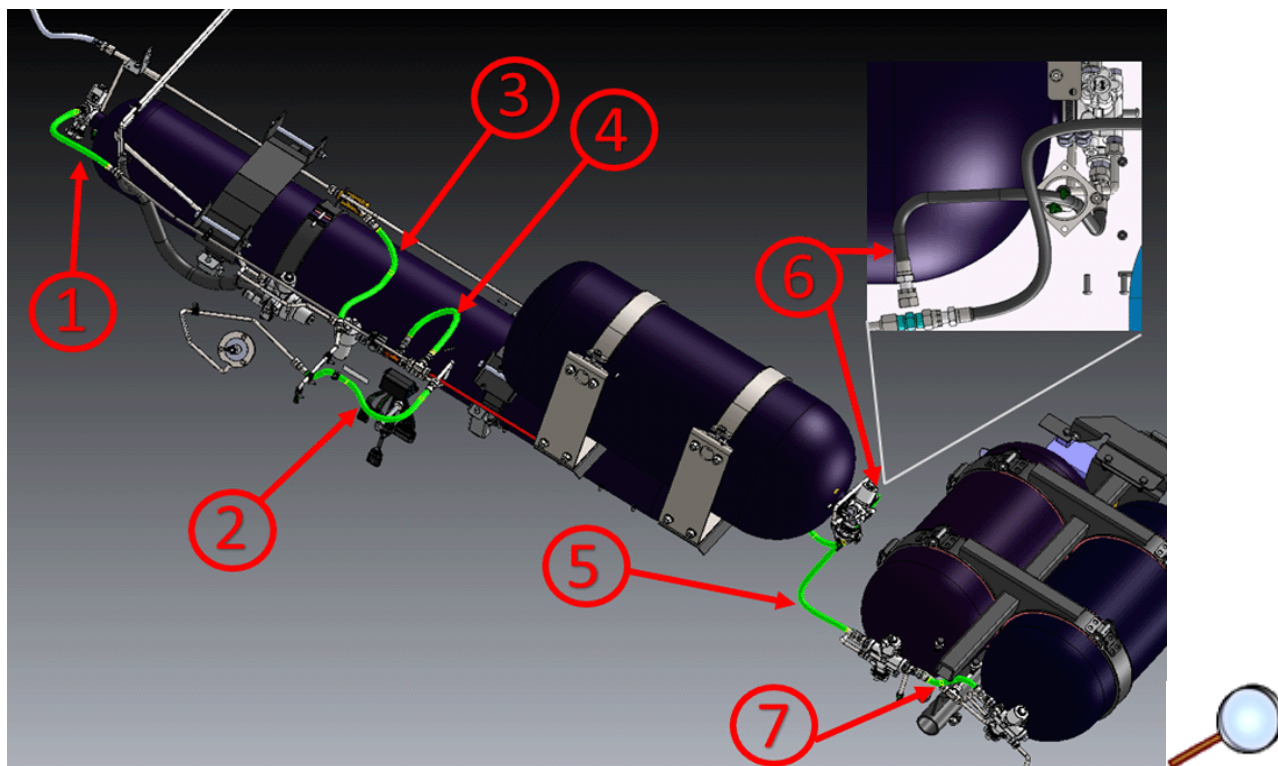
- Vehicles equipped with 1st design hoses (1) (black covering) will need to obtain kits for the appropriate tank or component.
- Vehicles equipped with 2nd design hoses (2) (braided covering) will use individual lines for service components.

Refer to *CNG Fuel Feed Hose Inspection* in SI for line inspection procedures.

Refer to the Electronic Parts Catalog (EPC) for the correct individual replacement part for 2nd design vehicles.

Note: 1st design lines should only be refitted with 2nd design lines if needed due to damage or failure. 1st design lines do not need to be replaced under normal operation.

[Parts Information - Kits](#)



Refer to this Parts Information table for the correct replacement kit for 1st design vehicles.

| Description | Part Number | Qty |
|--|-------------|-----|
| ① Kit - Mid Ship 135" Cargo | 84075601 | 1 |
| ① Kit - Mid Ship 155" Passenger with Rear Heat and Air (C69) | 19353805 | 1 |
| ② Kit - Fill Line | 84075598 | 1 |
| ③ Kit - Mid Ship PRD Vent Line | 84075605 | 1 |
| ④ Regulator Line | 84055536 | 1 |
| ⑤ Kit - Fitting to Aft Tanks | 84075606 | 1 |
| ⑥ Kit - Cargo Tank Line (LC8 & DNS & FHZ & UFP) | 19353804 | 1 |
| ⑦ Aft Tank Connector Line | 84055534 | 1 |

| | |
|----------|---|
| Version | 1 |
| Modified | |

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and

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safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



TECHNICIAN
CERTIFICATION

Amendment to the 2011 - 2016 Chevrolet/GMC Express/Savana CNG Compressed Natural Gas Supplement

This information replaces the Maintenance Schedule subsection in the Service and Maintenance section of the Compressed Natural Gas Supplement to your Owner's Manual.

Maintenance Schedule

This CNG vehicle requires special maintenance that is in addition to the routine maintenance provided in the owner manual, such as fluids, filters, etc. The CNG system components require periodic visual inspections and maintenance by a CSA International-certified inspector or authorized GM dealer—see your dealer or <http://www.csagroup.org/>.

CNG fuel filler neck lines and cargo tank high-pressure flex lines require inspection at least every 12 months or 12 000 km/7,500 mi, whichever comes first. CNG fuel tank(s), tank shields, and valves require inspection at least every 36 months or 58 000 km/36,000 mi, whichever

comes first. These and other required inspections are designated in the Maintenance Schedule chart in this section.

Have required services performed by your GM dealer or other qualified repair facility. Your dealer has the necessary training and parts to repair the vehicle.

Warning

The tank shields are designed to protect the CNG fuel tank(s) in a crash and from road hazards. Removal of the shields may result in tank damage that could result in a rupture or possible explosion of the tank. You or others could be injured or even killed. If you must remove a tank shield for any reason, e.g., tank inspection or vehicle repair, always reinstall the shield before operating the vehicle.

Warning

The CNG fuel system and tank(s) must be inspected by a certified inspector if the vehicle is involved in a motor vehicle accident or fire or if the system is leaking, corroded, or otherwise damaged in any way. Have the tank inspected if it emits an odor or hissing sound.

The CNG fuel tank(s) must be replaced 15 years after manufacture. The expiration date of the fuel tank(s) and instructions for inspections are on a label on the fuel tank(s) and on the fuel door. Have an authorized GM dealer replace the fuel tank(s). Do not reuse old fuel tank(s).

 **Warning**

Keeping a CNG fuel tank in service after the tank service expiration date is dangerous. The tank may no longer withstand the CNG fuel system operating pressure. You could be severely injured or killed. Take the vehicle to an authorized GM dealer to have the tank replaced.

**Footnotes — Maintenance
Schedule Additional Required
Services**

(1) Continue with the specified maintenance intervals for the life of the vehicle.

(2) Or every 12 months, whichever comes first.

(3) Or every 24 months, whichever comes first.

(4) Or every 96 months, whichever comes first.

(5) Every 36 months or 58 000 km/36,000 mi, whichever comes first.

See instructions on fuel container for inspection and service life.