

Service Update

N192287840 Engine Wiring Harness Chafe



Release Date: May 2020

Revision: 00

Attention: This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Silverado 1500	2020	2020	L3B	2.7L Turbo Engine
GMC	Sierra 1500	2020	2020		

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

Condition	Certain 2020 model year Chevrolet Silverado 1500 and GMC Sierra 1500 vehicles, equipped with a 2.7L turbo engine (RPO L3B), may have a condition where the engine wiring harness may have been wrapped and/or routed incorrectly, creating the potential for wear-through in several locations. If this occurred it could allow the engine harness to short to ground and/or be severed, which may lead to a check engine light, reduced engine power, no start condition or in rare cases a stall.
Correction	Dealers are to inspect harness for correct tape wrapping and install engine harness sleeves.

Parts

Quantity	Part Name	Part No.
*As Req'd (submit as net item)	Woven Polyester Electrical Tape (PET) or equivalent anti-abrasion tape – May be obtained from Kent Automotive	1089482
2	Engine Harness Sleeve	84820678
1	Engine Harness Sleeve	84826758
4	Tie Strap	11509086
1	Gray Offset Tie Strap	11547116
1	Black Push Pin Tie Strap	84396606

* To obtain the PET tape, contact Kent Automotive at 1-888-937-5368 (USA), 1-800-563-1717 (Canada), or www.kent-automotive.com to request the special-order part number 1089482. Dealers that do not have a Kent Automotive account or representative, must advise the Customer Service Representative that part 1089482 is being used for GM Bulletin to obtain special bulletin pricing. Do not order from GMCCA.

Reminder: Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status. Parts may have quantity limiters in effect.

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105150	Inspect harness for correct tape wrapping and install engine harness sleeves	1.5	ZFAT	*
	Add: Rewrap bare spots in harness	0.2		
	Add: Engine Wiring Harness Repair (Upper)	0.5		
	Add: Engine Wiring Harness Repair (Lower)	0.5		

* The amount identified in "Net Item" should represent the actual cost of the woven polyester electrical tape needed to perform the required repairs, not to exceed \$0.75 USD/CAD, plus Landed Cost (for Export).

Service Procedure

1. Open hood and install fender covers.
2. Remove the intake manifold cover. Refer to *Intake Manifold Cover Replacement* in SI.

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3. Remove the evaporative emission canister purge tube. Refer to *Evaporative Emission Canister Purge Tube Replacement* in SI.



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4. Remove the starter solenoid cable retainers and move the channel out of the way for access to the engine harness. Refer to *Starter Solenoid Cable Replacement* in SI.



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5. Inspect the engine harness across the camshaft cover as shown, being sure to inspect all the way around the engine harness.
 - Inspect for any damage where the harness or wires may have rubbed through.

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- Also inspect for mis-wrapped areas of PET tape, as shown. The PET tape should cover the entirety of the harness and there should be no gaps.
- Repair as required. Refer to *Wire to Wire Repair* in SI for any wire rub throughs and ensure that any existing gaps in PET tape coverage are rewrapped so that there are no exposed wires in the harness.



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6. Carefully install the protective sleeve velcro side up around the engine harness. Be sure the edge of the harness is covered with the sleeve as shown above.

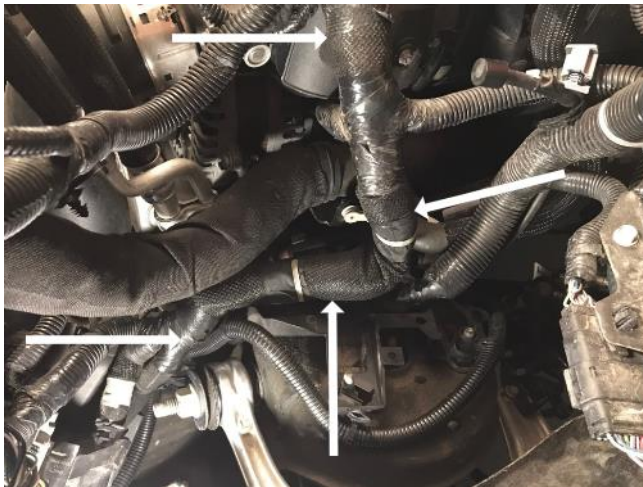
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7. Install tie straps to the ends of the protective sleeve as shown above.
8. Remove the air cleaner assembly. Refer to *Air Cleaner Assembly Replacement* in SI.



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9. Locate the engine wiring harness where the protective sleeves need to be installed as shown above.
10. Remove and discard the engine harness retainers/clips (if equipped with heater cord, remove retaining clip from the cord).
11. Inspect the harness for any damage. Repair as required. Refer to *Wire to Wire Repair* in SI.



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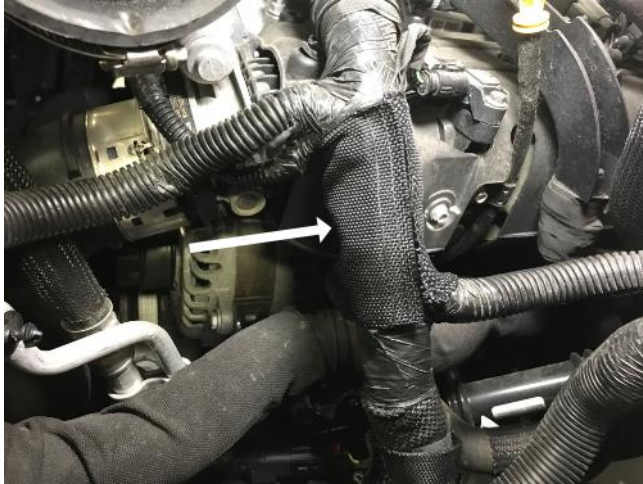
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Important: Be sure the protective sleeve is installed past the lower control arm washers (1) to prevent any damage to the engine harness.

12. Install the protective sleeve around the lower engine harness as shown (near the shock tower and control arm).



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13. Install the protective sleeve around the upper engine harness as shown.
14. Loosely install the tie straps around protective sleeve.

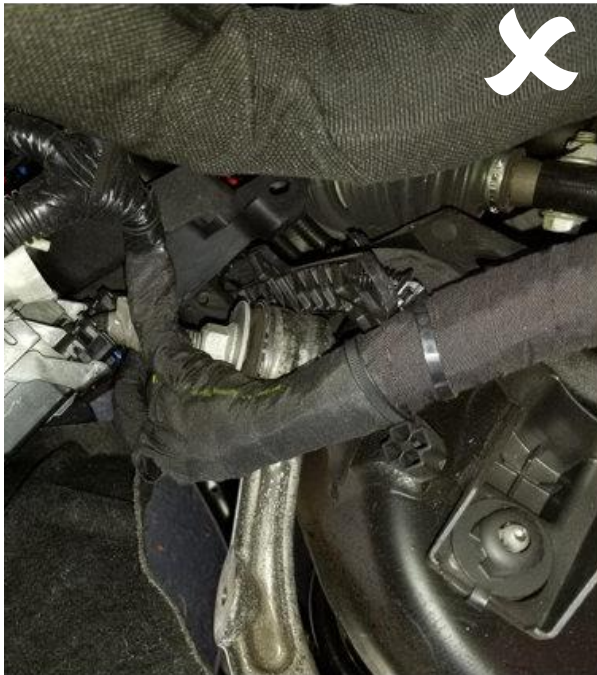


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15. Install the engine harness clips/tie straps as shown.
16. Trim all tie straps.

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17. Ensure the harness is reinstalled in the correct routing following all repairs. See the above graphic for example routing. The check mark shows the correctly routed harness.
18. Install the air cleaner assembly. Refer to *Air Cleaner Assembly Replacement* in SI.
19. Install the evaporative emission canister purge tube. Refer to *Evaporative Emission Canister Purge Tube Replacement* in SI.
20. Install the starter solenoid cable retainers and move the channel out of the way for access. Refer to *Starter Solenoid Cable Replacement* in SI.
21. Install the intake manifold cover. Refer to *Intake Manifold Cover Replacement* in SI.
22. Remove the fender covers and close hood.
23. Check/Clear any DTC's.

Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repared per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

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 tools, equipment, safety instructions, and know-how to do a job properly and 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 dealer for information on whether your vehicle may benefit from the information.



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GLOBAL SAFETY FIELD INVESTIGATIONS
DCS5407
URGENT - DISTRIBUTE IMMEDIATELY

Date: May 27, 2020

Subject: N192287840 - Service Update
Engine Wiring Harness Chafe

Models: 2020 Chevrolet Silverado 1500
2020 GMC Sierra 1500
Equipped with 2.7L Turbo Engine (RPO L3B)

To: All General Motors Dealers

General Motors is releasing Service Update N192287840 today. The total number of U.S. vehicles involved is approximately 11,621. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated May 28, 2020 or sooner. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until IVH has been updated.

END OF MESSAGE

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