



DATE: 09/27/2018

APPLIES TO: This service bulletin applies to 2017 through 2019 model year, Gladiator and MetroStar Emergency Response, cabs built between 10/13/2016 and 8/16/2018.

CONDITION: Engine heating conditions may cause a breakdown with the loom associated with wiring inside the righthand side of the engine tunnel.

CORRECTION: Inspect convoluted loom for cracking, powdering, signs of melting, or fragmentation. If damaged convoluted loom is found, contact Customer & Product Support Group for further assistance.

LABOR ALLOCATION: 1 HR

CLASSIFICATION: E3

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2667-001	Service Kit

Kit # S-2667-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	TSB18-500-002	Instruction Document US
1	TSB18-500-003	Instruction Document French
3	S219SSG24	Clip Hose #24 Umpco
3	0420050HWTC23Z	SCREW ¼-20x0.50 HEX
1	4072-GG5-006	THERMA SLEEVE 2 ½" DIA
5	T-50IOM4	TIE STRAPS

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Motors USA, Inc. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

STEP-BY-STEP INSTRUCTIONS:

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



1. Remove any clamps from affected area that are holding the harnessing in place and properly dispose of. Refer to FIG. 2.1.



FIG 2.1

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2. Heatshield needs to form around harnessing. Heatshield needs to start outside of engine tunnel as harness enters inside of tunnel. Keep approximately 6" of heatshield outside of engine tunnel. Refer to FIG. 3.1.

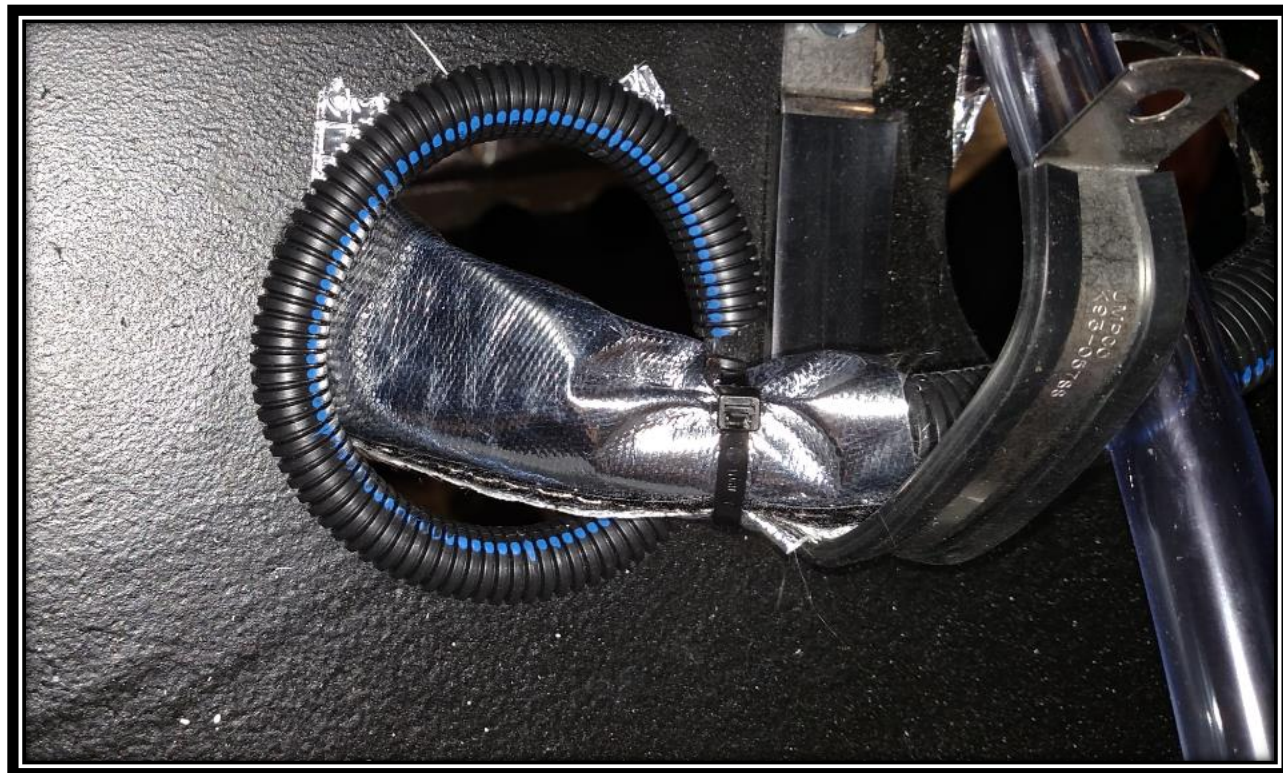


FIG 3.1

3. Work heatshield up harness and secure hook and loop fastener strip. Secure first clamp within one foot of harness entering engine tunnel and tight to rear corner of tunnel. Refer to FIG. 4.1.

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FIG 4.1

4. Secure harnessing to inside corners of tunnel using clamps not greater than one foot apart. Clamps should be secured with fasteners, and heatshield should be neat and not twisted. Rotate hook and loop seam towards rear of tunnel away from heat source. Refer to FIG. 5.1.

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FIG 5.1

5. Each end of heatshield must be closed using a tie strap. Locate tie strap approximately 1-2" from each end of heatshield and secure. Refer to FIG. 6.1.

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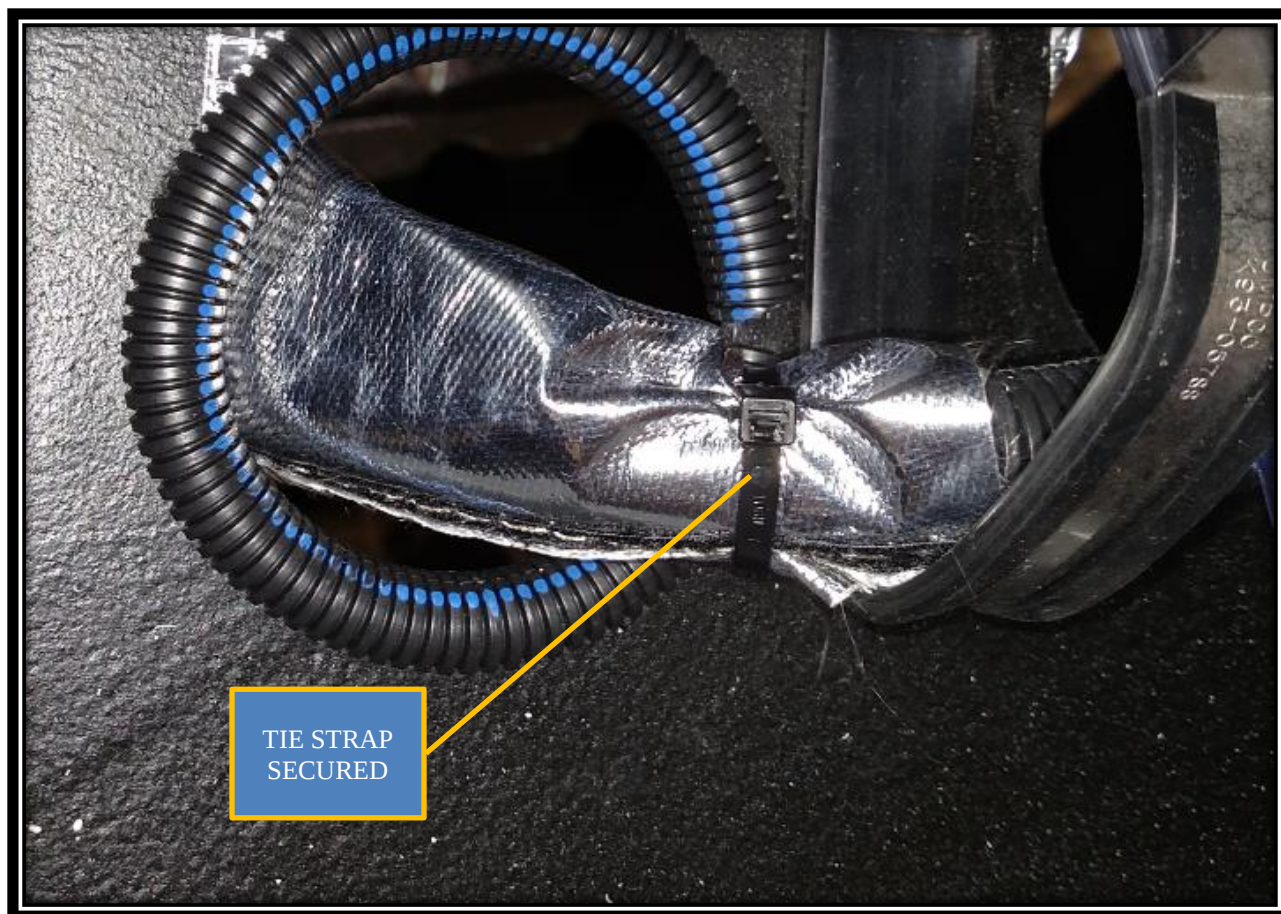


FIG 6.1

6. Typical installation shown. Additional tie straps may be used to secure smaller harnessing to loop clamps as needed Refer to FIG. 7.1.

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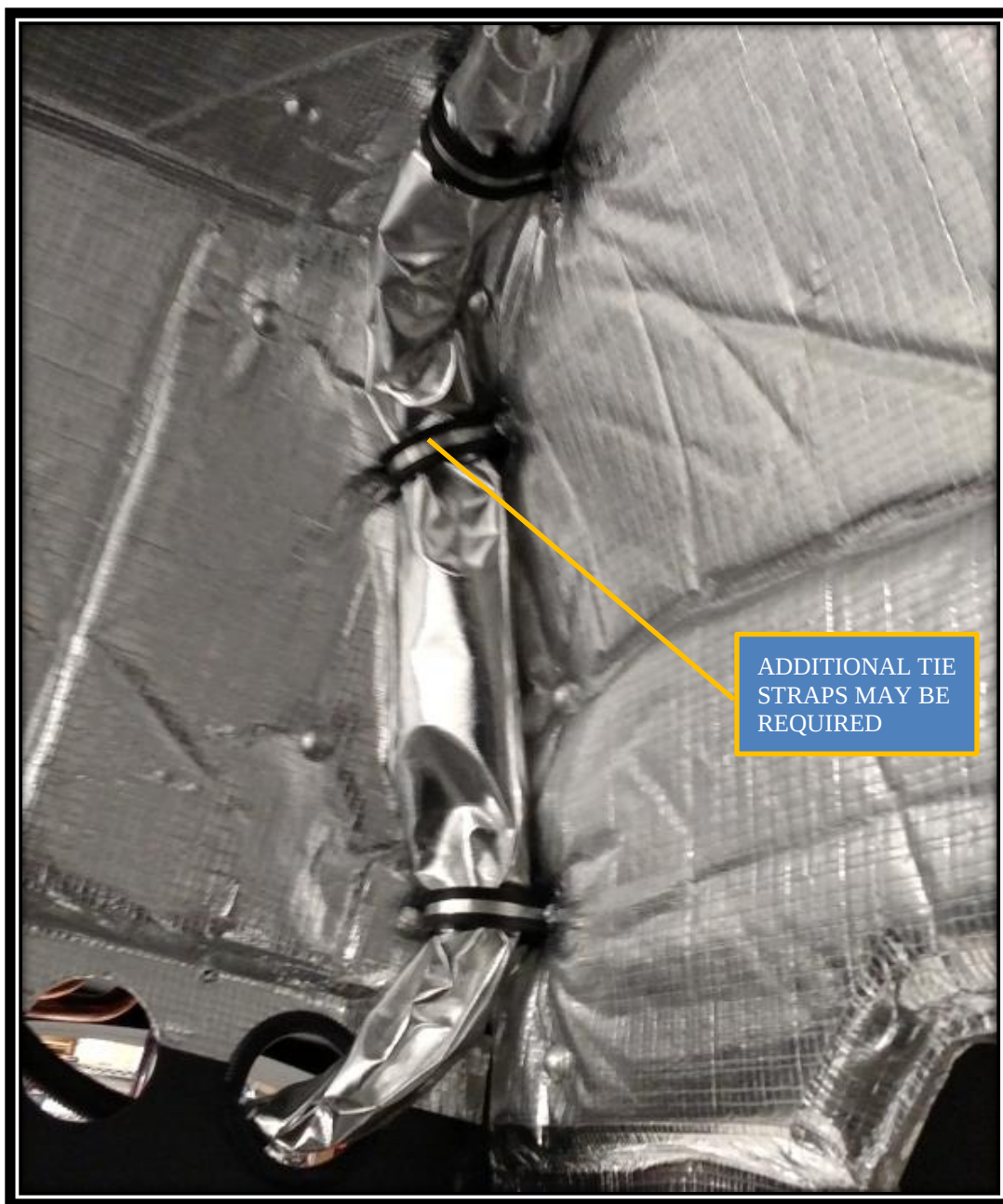


FIG 7.1

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