



DATE: January 26, 2018

APPLIES TO: This service bulletin applies to Model Year 2006 through 2018, Gladiator and Metro Star model Spartan Emergency Response chassis cabs built between 1/16/2006 and 1/18/2018 equipped with an air bag system.

CONDITION: Change in resistance at air bag connections can cause intermittent fault codes.

CORRECTION: Inspect and secure connections using brackets as described.

LABOR ALLOCATION: 3 hrs.

CLASSIFICATION: E

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2629-001	Service Kit

Kit # S-2629-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	TSB18-810-001	Instruction Document
6	4064-RR6-001	Cover Floor Electrical Connector
6	0427-BB1-001	Clip Body for Multilock Housing
12	1024075HWTC23Z	Screws TC#10-24x3/4 HEXWASH
30	T-50IOM4	Tie Straps 11" Black

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.



Ensure the Master and Ignition switches located in the dash are in the off position before beginning work.

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.



WARNING

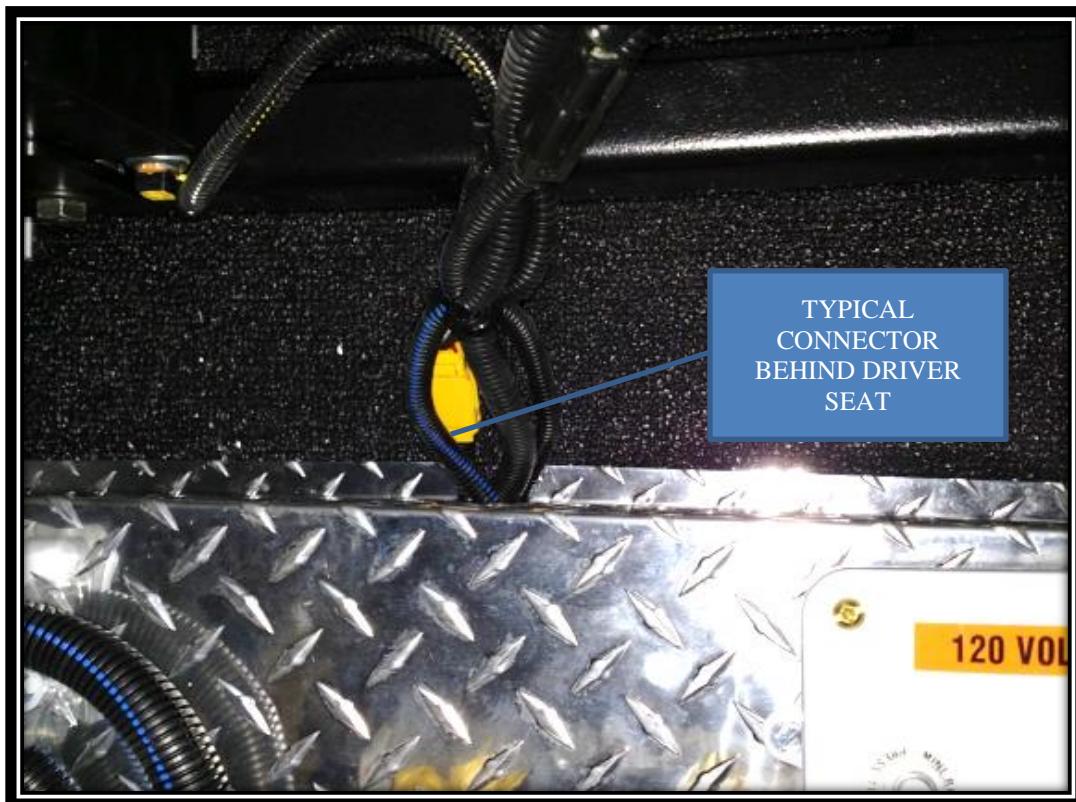
When installing brackets the connectors to the seat retractors should not need to be disconnected. If there is a need to disconnect harnesses to gain access to seat harnesses or connections read all applicable instructions included in the Apparatus Builders Manual or Operations and Maintenance Manual.

STEP-BY-STEP INSTRUCTIONS:

NOTE: There are six brackets and six clips supplied in the kit, a typical installation will use four brackets and four clips. The quantity supplied would cover the maximum amount of seats used in a particular application. All connections will be yellow in color. No changes or modifications are required with non-integrated seat connections that are hidden behind a trim panel.

- 1 ea. Front Driver seat belt retractor
- 1 ea. Front Passenger seat belt retractor
- 4 ea. Rear facing seat belt retractors (If equipped)

1. Locate seat belt retractor connections. There will be a total of up to six connections per cab. Installations will vary per seat quantity and location. Refer to FIG. 2.1.



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FIG. 2.1

2. May need to trace harness in order to find connector. Refer to FIG. 3.1.
3. Cut all tie straps to gain access to connectors.
4. May have to remove AC hose cover to gain access to extra harness Refer to FIG. 3.1.

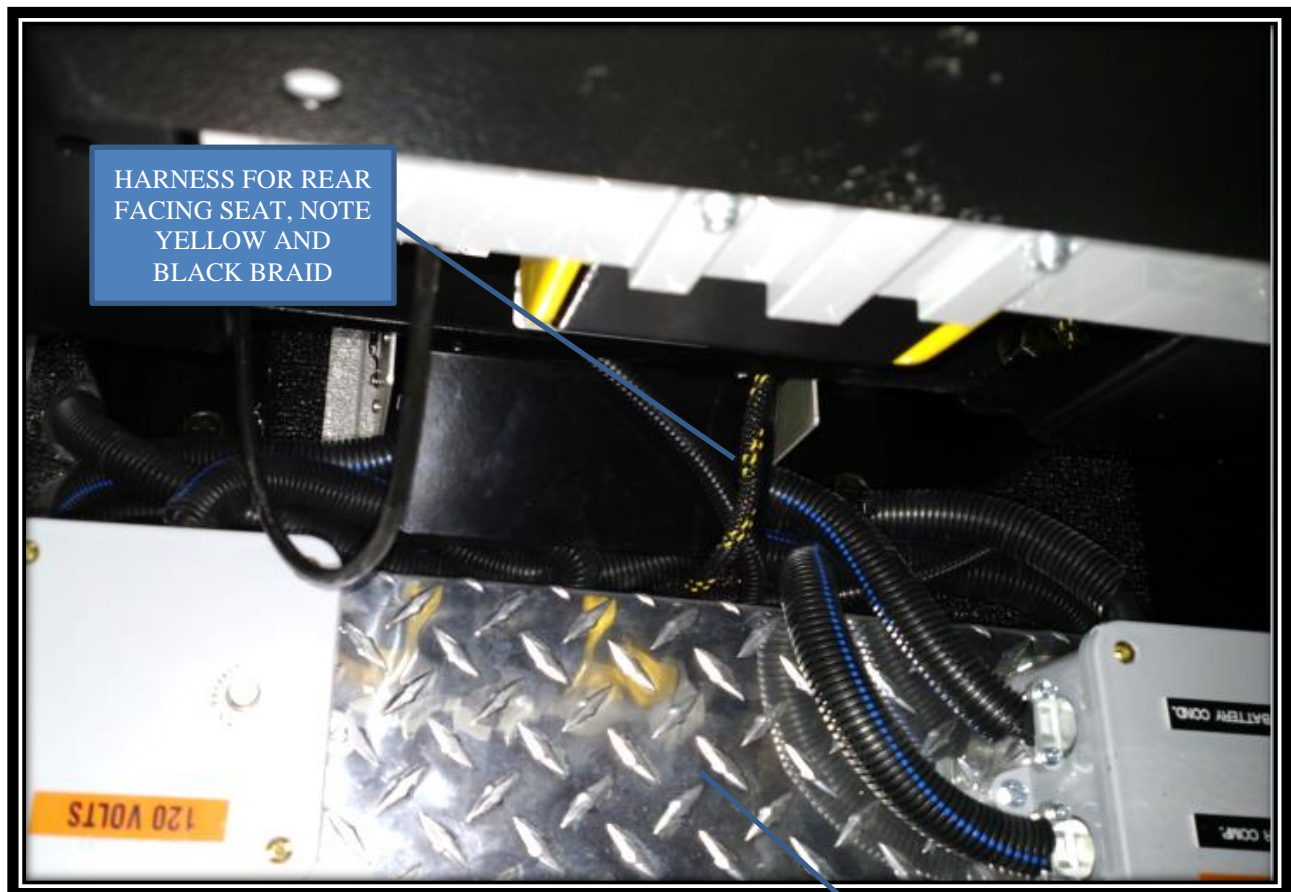


FIG. 3.1

5. Attach 0427-BB1-001 clip to all connections, insert clip until audible click is heard and clip is fully locked in place. Refer to FIG. 4.1.

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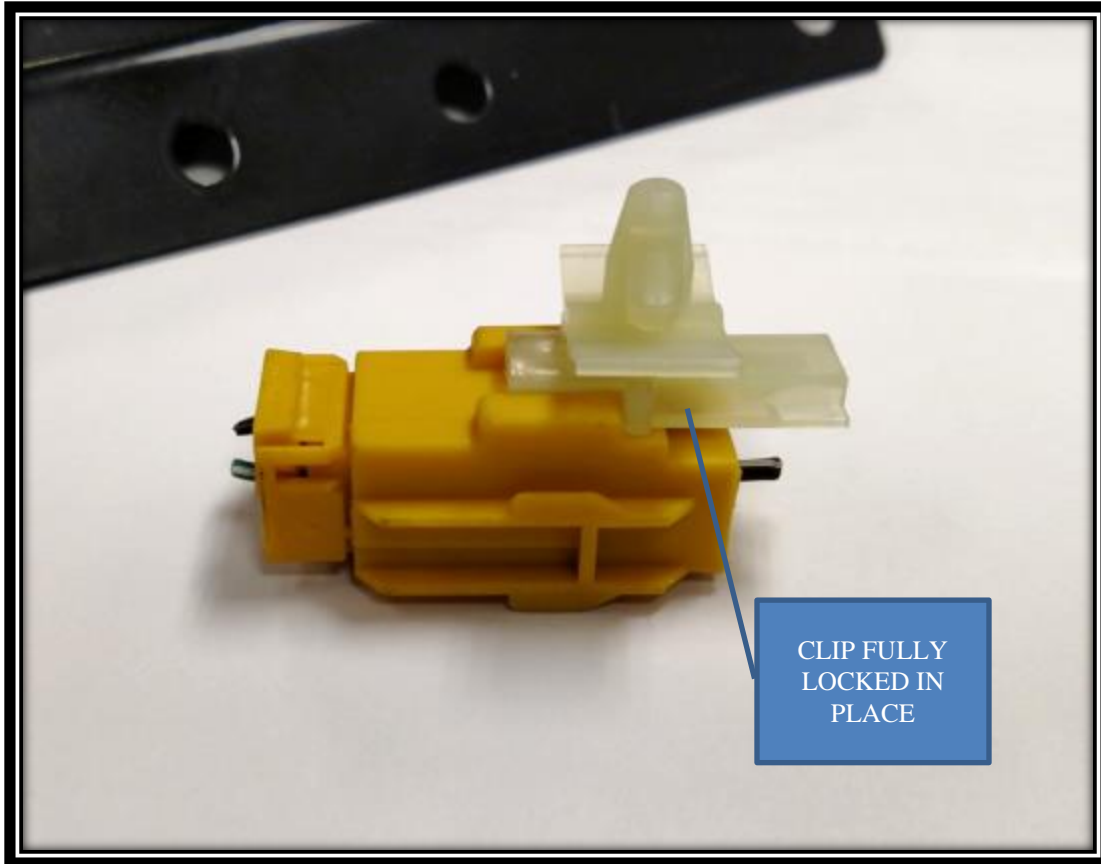


FIG. 4.1

6. Insert clip securely into bracket so connector is centered. Refer to FIG. 5.1.

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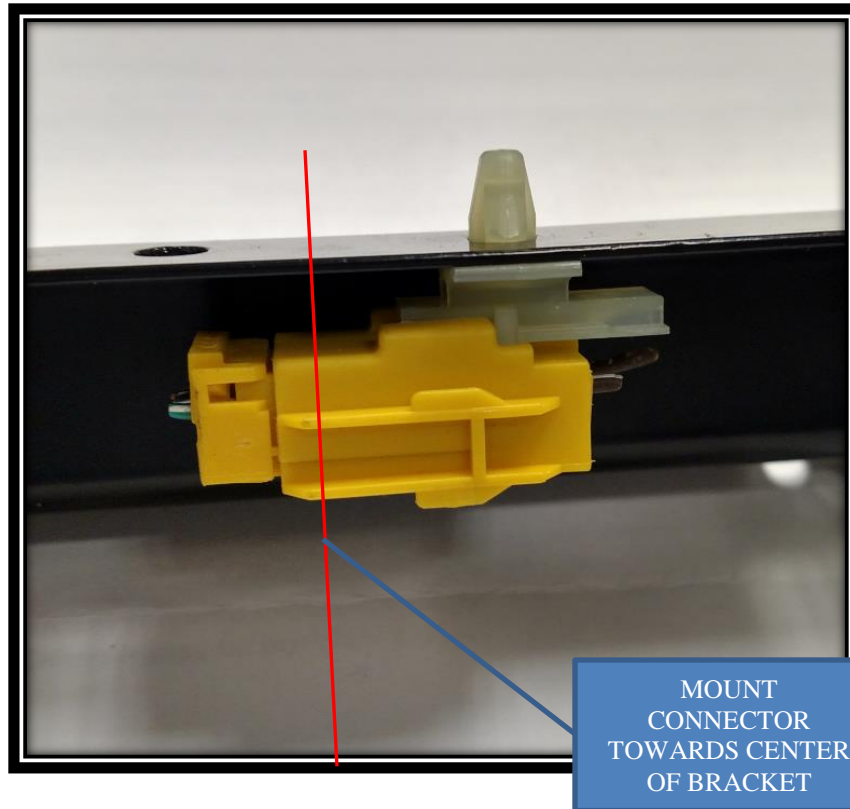


FIG. 5.1

7. Secure harness using tie straps and holes in bracket, use outside holes only for securing harness. Refer to FIG. 5.2.

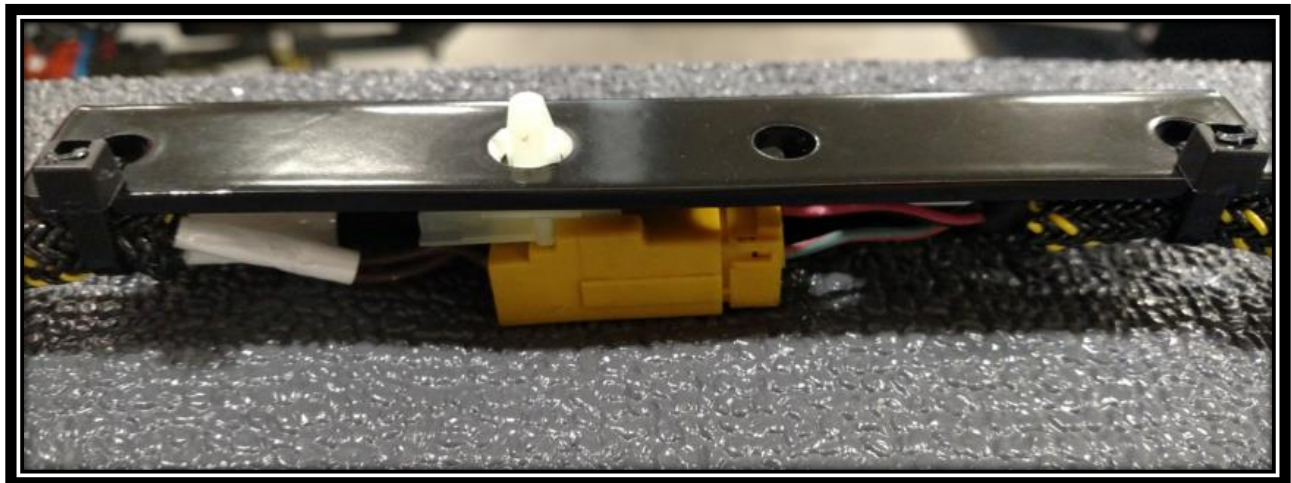


FIG. 5.2

8. Fasten bracket to floor behind seat using (2) 1024075HWTC23Z fasteners. Refer to FIG. 6.1.

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FIG. 6.1

NOTE: Before fastening bracket to floor move seat in the forward and rearward positions to make sure harness is free and does not snag or bind on seat.

9. Bracket may need positioning in a more rearward direction behind seats that are adjustable.
10. Bracket can be oriented in any direction to allow harness to be secured and free of binding.

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FIG. 7.1

11. Secure remaining harnesses using tie straps.

12. Some seats will require the bracket to be attached directly to the rear seat brace, as retractor harness is too short to be fastened to floor. Refer to FIG. 8.1.

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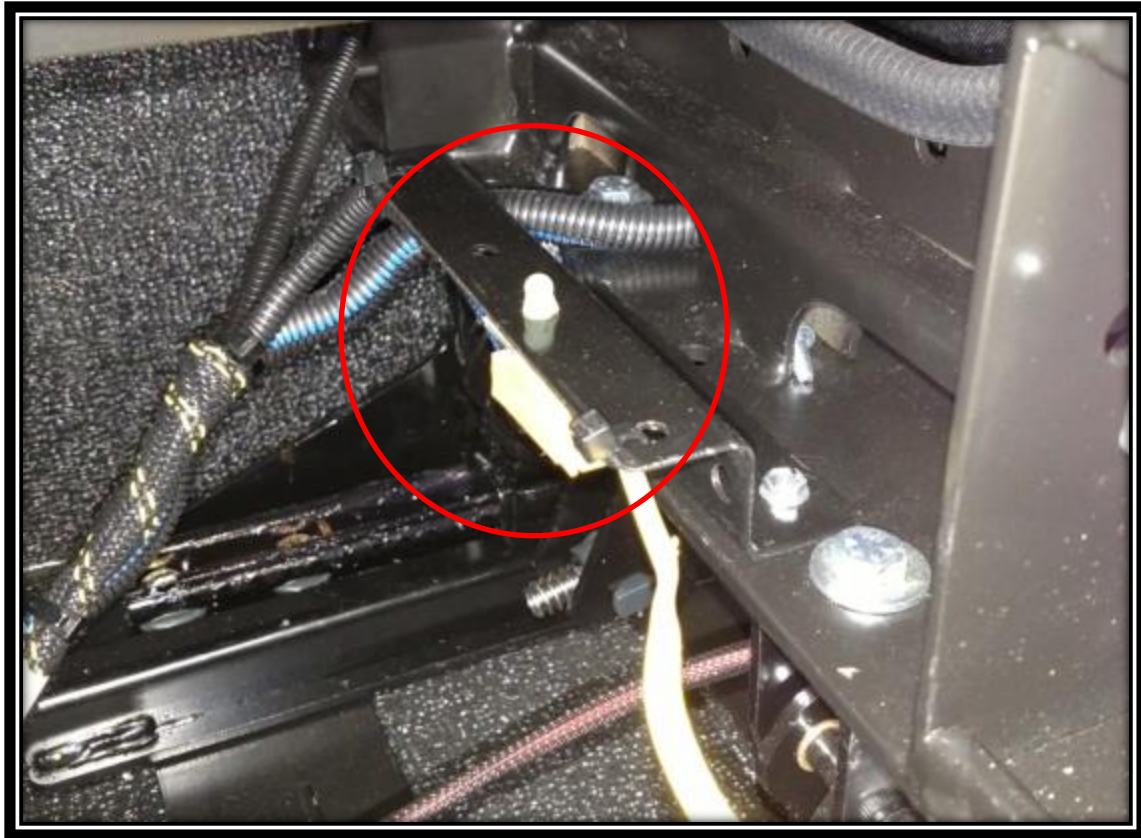


FIG. 8.1

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