



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-123

Date: April, 2018

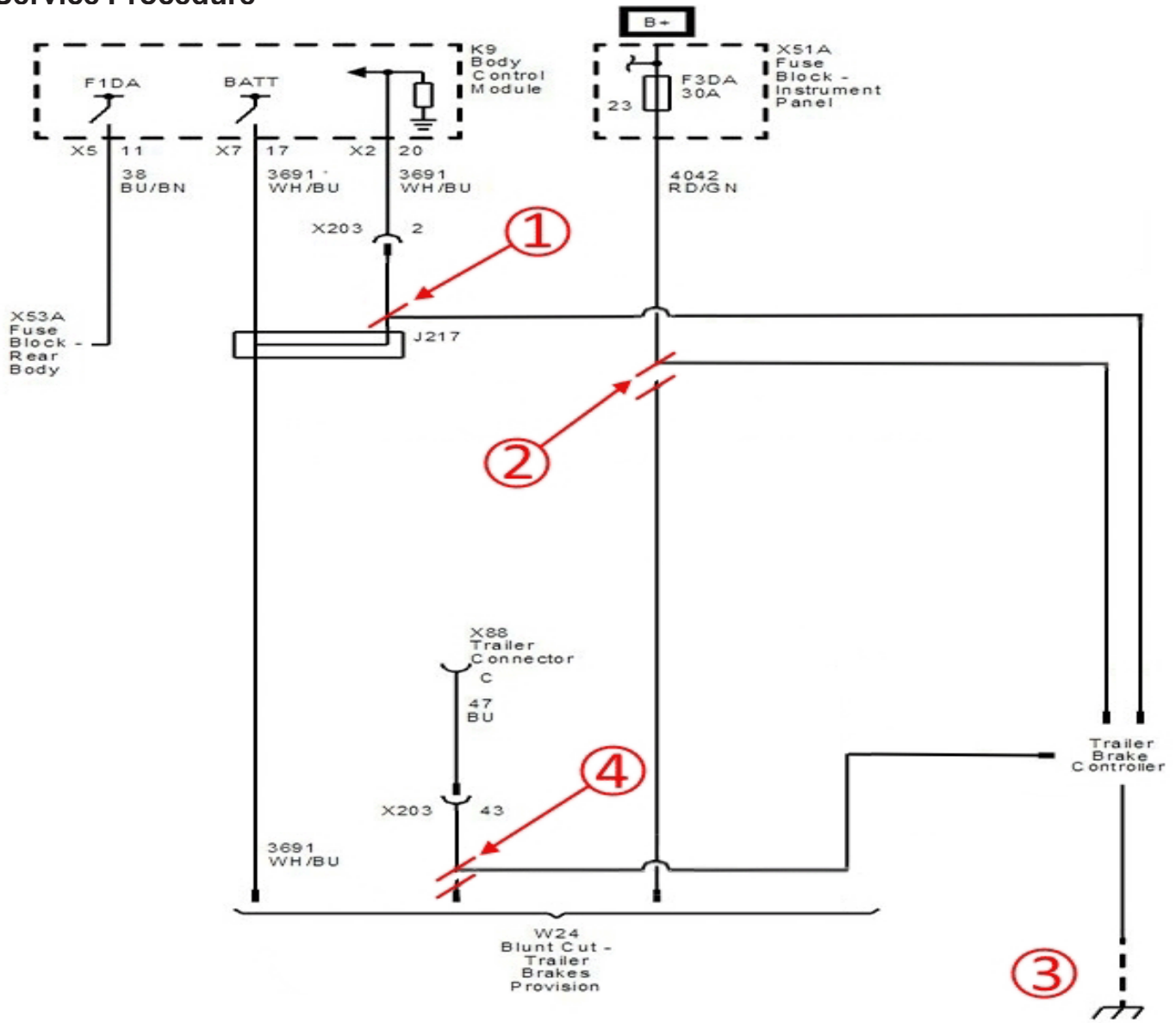
INFORMATION

Subject: Information on Trailer Brake Controller Harness Connection to Instrument Panel Wiring Harness

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2018	2018				
GMC	Terrain						

Involved Region or Country	North America and N.A. Export Markets
Additional RPO's	V92
Condition	Some customers may request to have an aftermarket trailer brake controller added to their vehicle.
Information	If the customer wishes to have an aftermarket brake controller installed in their vehicle, it would be considered as a Customer Pay option.

Service Procedure



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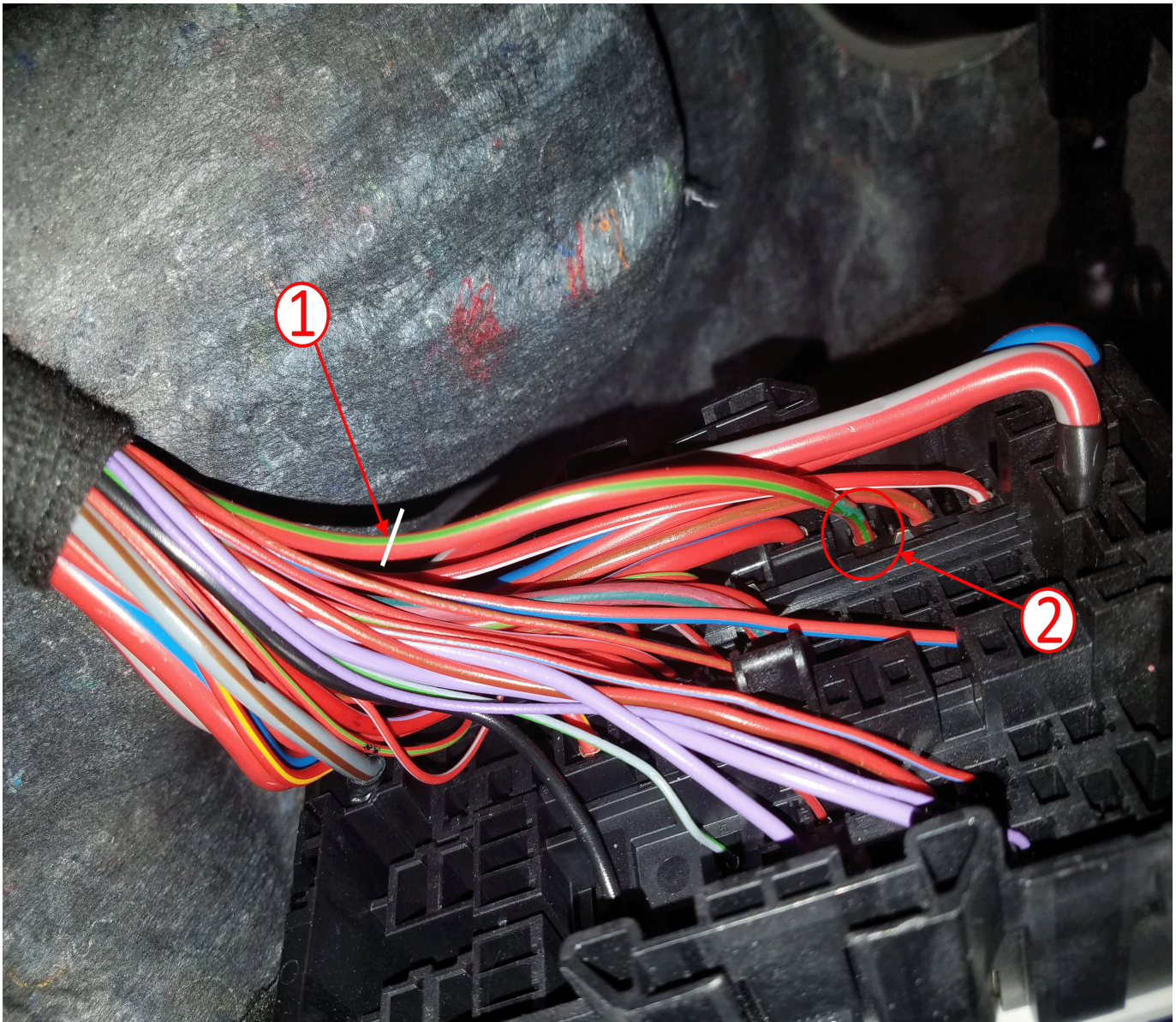
Note: The Wiring Diagram above acts as a guide when installing a brake controller. Refer to Document ID: 4600573 for additional information.

Trailer Brake Apply Signal (1)

B+ (2)

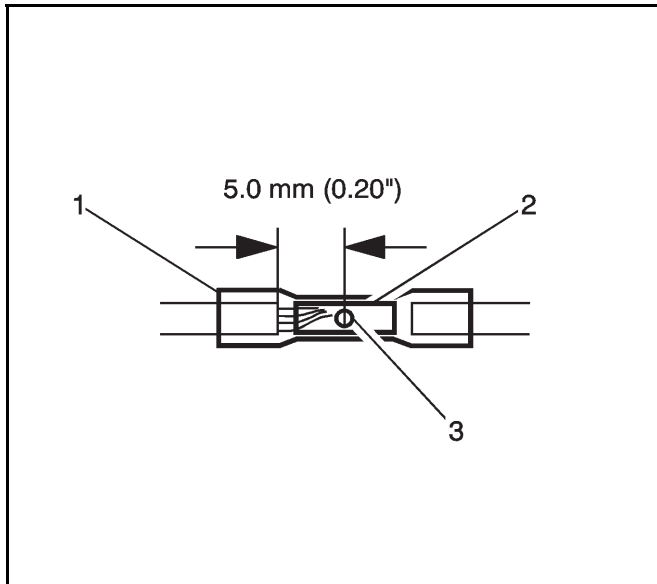
Ground (3)

Trailer Auxiliary Control (4)



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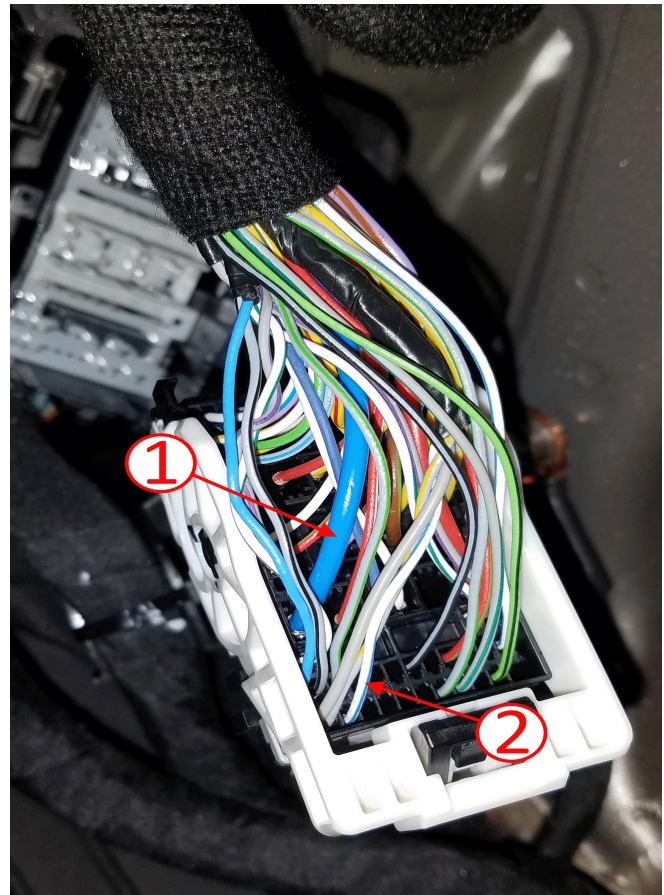
1. Remove the Instrument Panel (IP) Fuse Block from the fuse block mount.
2. Remove the fuse block protective cover.
3. Locate B+ circuit 4042 (Red/Green) where it exits the X51A fuse block cavity 39 (2).
4. Cut the wire terminals away from the connector (1).



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5. Insert the wire into the blue colored Dura Seal™ splice sleeve (1) and crimp the splice sleeve.
6. Insert the corresponding wires of the brake controller into the blue colored Dura Seal™ splice sleeve and crimp the splice sleeve.
7. Using Woven Polyester Electrical Tape (PET), tape the brake controller harness to the Instrument Panel (IP) harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeve.
8. Locate B- (ground) circuit at the brake controller wiring harness.
9. Install a ring terminal to the brake controller ground wire.
10. Install the brake controller ground to the tie bar or equivalent ground on vehicle.
11. Using Woven Polyester Electrical Tape (PET), tape the brake controller ground.

Note: Due to the location of the X203 electrical connector, additional wiring jumper harness may be required when splicing the brake controller wiring harness into the electrical connector.

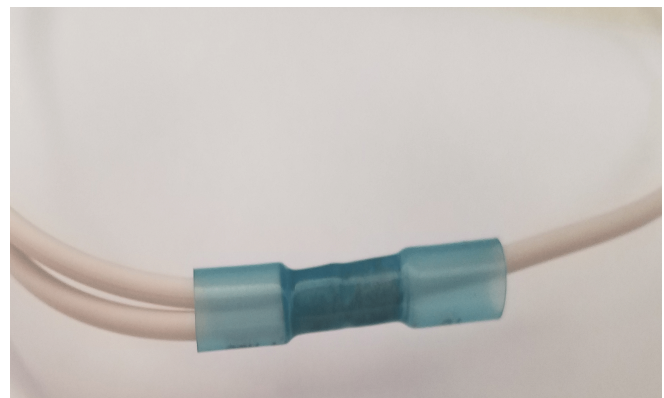


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12. Remove the passenger side sill garnish molding.
13. Locate and disconnect X203 electrical connector.
14. Remove the connectors protective cover.

Note: It is recommended not to cut both wires at the same time, but to install one wire at a time.

15. Identify the following circuits and cut the wires roughly 4 to 5 (102 to 127 mm) inches from the electrical connector:
 - Circuit 47, cavity 43 (Blue Wire (1)).



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Important: The brake controller signal wire will be required to be spliced in-line with the White/Blue wire.

- Circuit 3691, cavity 2 (White/Blue wire (2)).
16. Insert the wires into the blue colored Dura Seal™ splice sleeve and crimp the splice sleeve.

17. Route and secure the jumper harness to the IP.
18. Insert the corresponding brake controller wires into the blue colored Dura Seal™ splice sleeve and crimp the splice sleeve.
19. Install X203 electrical connector cover.
20. Using Woven Polyester Electrical Tape (PET), tape the brake controller harness to the IP harness ensuring that the tape is applied in a double layer extending along the harness past the splice sleeve.
21. Connect the electrical connector.
22. Install sill garnish molding.

Parts Information

No parts are required for this repair.

Version	1
Modified	Released April 19, 2018

