



DATE: 5-5-16

APPLIES TO: This service bulletin applies to TBGLA2011-001, TBGLA2011-002, TBGLA2011-004, TBGLA2011-005, TBGLA2011-007, and TBGLA2011-010 chassis cabs altered by Spartan Motors, USA Inc. between February 17, 2011 and December 16, 2015.

CONDITION: Axle may make contact with bottom of floor

CORRECTION: Insert spacers

LABOR ALLOCATION: 1.5 hrs.

CLASSIFICATION: E1

PARTS NEEDED:

| <u>QTY</u> | <u>Part Number</u> | <u>Description</u> |
|------------|--------------------|--|
| 1 | S-2508-001 | Kit-Service, Rear Suspension Air Spring Spacer |

Kit # S-2508-001 Contains:

| <u>QTY</u> | <u>Part Number</u> | <u>Description</u> |
|------------|--------------------|---|
| 2 | 3392-DD4-001 | Spacer-Air Spring, Glaval |
| 1 | 3394-DD4 | Instl-Rear Suspension Air Spring Spacer |
| 1 | TSB16-350-002 | Instruction Document |
| 1 | TSB16-350-003 | Instruction Document |

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.

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.



STEP-BY-STEP INSTRUCTIONS:

1. Remove caps from valve and retain for re-use. Air up chassis to ~90PSI through side Schrader valves. Refer to FIG. 2-1.



FIG. 2-1

2. Place jack stands beneath chassis frame rails toward rear. Refer to FIG. 2-2.



FIG. 2-2

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3. Remove all air from rear suspension through side Schrader valves. Refer to FIG. 2-1.
4. Loosen mounting hardware to allow room for spacer to be inserted. Refer to FIG. 3-1.

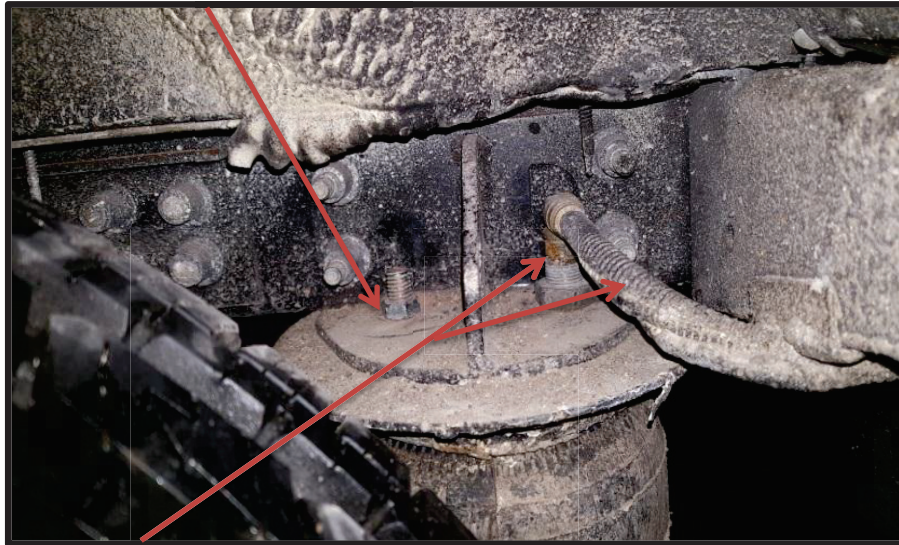


FIG. 3-1

5. Remove 90° fitting and airline going to air bag retain for reuse. Refer to FIG. 3-1.
6. Remove left/right ride height control sensor arms and position them into lowest positions. Refer to FIG. 3-2.

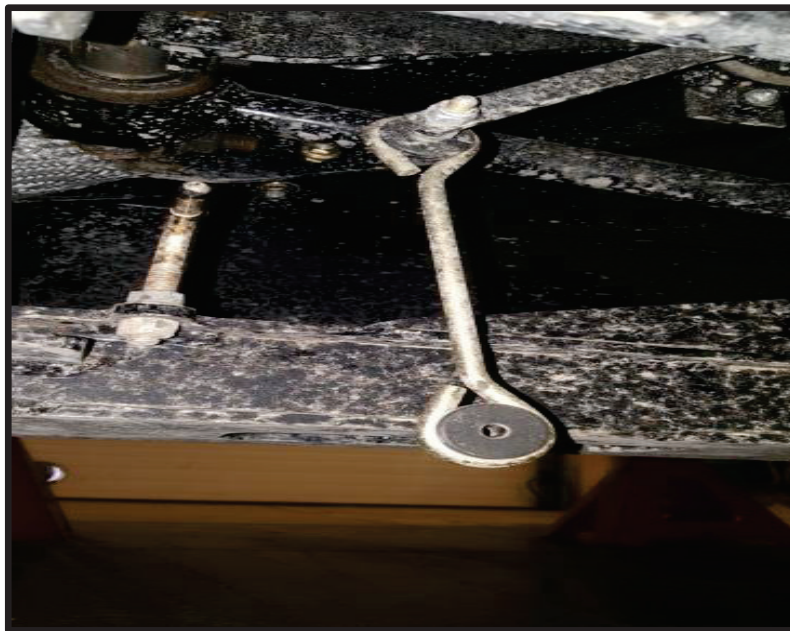


FIG. 3-2

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7. Key on vehicle to allow for excess air to be removed from suspension.

NOTE: Do not need to start vehicle at this time.

8. Remove key once all air has been drained from rear air bags.
9. Insert spacers. Refer to FIG. 4-1.

NOTE: Two spacers may have different slot widths.



FIG. 4-1

10. See torque specification for mounting hardware installation in 3394-DD4.
11. Re-install retained 90° fitting and airline into airbags along with mounting hardware. Refer to FIG. 3-1.
12. Re-install left/right ride height control sensor arms. Refer to FIG. 3-2.
13. Fill rear suspension through vehicle's side Schrader valves to ~90PSI. Remove jack stands out from under vehicle. Refer to FIG.'s 2-1 and 2-2.
14. Drain rear suspension to ~75PSI through side Schrader valves. Refer to FIG. 2-1.
15. Re-install caps over Schrader valves on side of vehicle. Refer to FIG. 2-1.

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