



SI B33 02 19  
Rear Axle

May 2019  
Technical Service

## POOR DIRECTIONAL STABILITY

### MODEL

|                |                   |  |  |
|----------------|-------------------|--|--|
| I12 (i8 Coupe) | I15 (i8 Roadster) |  |  |
|----------------|-------------------|--|--|

### SITUATION

The drivability/steering behavior appears inconsistent.

### CAUSE

Rear axle stiffening plate.

### CORRECTION

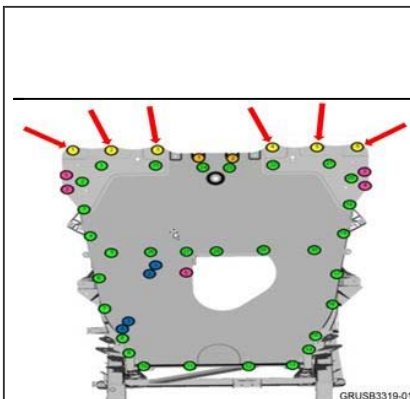
Re-torque the rear axle stiffening plate bolts.

### PROCEDURE

1. Prior to performing this procedure, ensure that the vehicle's tire pressures are correct and that there is no damage to any rim and tire sidewall; and/or uneven tire wear.

If any of these issues are found, address these items first; then reassess the vehicle.

2. If the drivability/steering behavior concern is still present, continue to Step 3.



3. With the vehicle on an alignment rack so that the vehicle is resting on all 4 wheels, retighten the 30 M8 bolts (shown in green) for the stiffening plate on the rear axle module.

- Loosen each bolt (shown in green) by approx. 45 degrees, then retighten with 28 Nm
- Do not proceed to the next bolt until the previous one has been torqued



Note: The 30 M8 ISA bolts **DO NOT HAVE WASHERS.**

- Do not replace the M8 bolts

4. Replace the 6 M10 Torx bolts as shown (red arrows) and tighten them with 56 Nm + 90°.

- Replace and tighten one bolt at a time



Note: If more bolts were loosened by mistake, replace these with new bolts.

## PARTS INFORMATION

| Part Number     | Description              | Quantity |
|-----------------|--------------------------|----------|
| 39 30 6 859 873 | M10X30-10.9 DM Torx bolt | 6        |

## WARRANTY INFORMATION

Procedure Steps 2 through 4 are covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

| Defect Code:     | 39 30 90 01 00   |   |
|------------------|------------------|---|
|                  |                  |   |
| Labor Operation: | Labor Allowance: | Description:  |
| 00 67 049        | 14 FRU           | Tighten stiffening plate screw connection to the prescribed tightening torque (Main work) |
| Or:              |                  |   |
| 00 67 562        | 13 FRU           | Tighten stiffening plate screw connection to the prescribed tightening torque (Plus work) |

Labor operation code 00 67 562 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 67 049 instead.

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