

Technical Service Bulletin



44 Steering wheel vibration and/or oscillation at low mileage - Repair Authorization

44 14 48 2030194/5 March 10, 2014. Supersedes Technical Service Bulletin Group 44 number 13-45 dated December 3, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, Q7	2014	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised attachment
4	12/03/2013	Revised <i>Condition</i> (Updated model information) Revised <i>Service</i> (Modified instructions)
3	11/01/2013	Revised Service (Added step)
2	09/26/2013	Revised header data (Updated vehicles)
1	07/23/2012	Initial publication

- Steering wheel vibration and/or steering wheel oscillation at a speed range of 55 - 80 mph (88 – 128 km/h) on vehicles with very low mileage or at PDI.
- The condition does not result in any handling concerns or loss of vehicle control.
- Vehicles have original factory-installed wheels and tires.
- Affected vehicles include:
 - MY 2014 Q7
 - MY 2014 A4 with 18" tire

Technical Background

Tire pressures on Audi vehicles are set to specified values in order to prevent flat spotting during the transportation process from various Audi plants to United States ports.

To closely monitor complaints of tire-related vibration at very low mileage, we are asking that you contact the Audi Technical Assistance Center (TAC) **before** performing any repairs on vehicles with this condition. This will assist us in diagnosing any potential issues with the condition noted above.

Production Solution

Not applicable.

Service

1. Verify that the complaint matches the condition described at the top of this TSB. Complaints not related to the condition described in this TSB do not require TAC authorization.

Exclude vehicles if the following criteria are true:

- Any wheel or tire has been repaired (patches, plugs, rim repairs)
 - Tires have damage (nails, gouges, large cuts)
 - Wheels have damage (bent, gouges, cracks)
 - Tires have been replaced
2. Obtain and print road force values (RFV) **DO NOT** force match or balance tires.
 3. Create a ticket using the TAC system in Elsa and complete the attached Tire Data Sheet. The data sheet must be completed before TAC is called. Attach the printed RFV documents from the balancer machine to the TAC ticket. Do not perform any repairs to the vehicle (balance, force match, remove weights, etc.).

Warranty

This TSB is informational only and is not applicable to any Audi warranty.

Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2022563, *Steering wheel shimmy, vibration, and/or oscillation* (Only refer to the diagnosis section of this TSB. **DO NOT** repair the vehicle.)

All parts and service references provided in this TSB (2030194) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.



Tire data sheet

1. Customer complaint

(e. g.: speed range, vibrations in the whole vehicle, vibrations (only) in the steering wheel, while acceleration/deceleration, vibrations (only) while braking, vibrations permanent/only at starting phase)

2. Vehicle data

Make: BA-ID according to DISS:
 VIN: Date of delivery:
 Model type, description:
 Mileage with affected tires in km:

3. Tire data (in cold condition)

Tires are ...fitted at manufacturer ...Audi Original Parts ...After market

Tire brand: Tire type:

Dimension: Manufacturer labeling: (e.g.: AO, AOE, R01)

Make of road force balancing machine: Last check date of road force balance machine:

	front/left	front/right	rear/left	rear/right
DOT (four characters MM-YY)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tire pressure in bar	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Requested tire pressure according to filling pressure label	ok <input type="checkbox"/> n. ok <input type="checkbox"/>	ok <input type="checkbox"/> n. ok <input type="checkbox"/>	ok <input type="checkbox"/> n. ok <input type="checkbox"/>	ok <input type="checkbox"/> n. ok <input type="checkbox"/>
Tread depth in mm, outside/center/inside	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Attached weights	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Balancing track inside/outside	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
Damages at tire	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Damages at rim	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

4. Tire data (in warm condition)

!!!Tires must be warmed prior to the roadforce balance!!!

(Preliminary test drive of at least 12mp/h with a top speed of ≥ 62mp/h for 15 miles)

	front/left	front/right	rear/left	rear/right
Tire pressure in bar	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
RFV in lbs. (first harmonic)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

DO NOT ATTEMPT ANY REPAIRS (e.g. balance, force match)

Attached this form to the TAC contact.