



Technical Journal

TITLE:

Front Air Suspension, knock/rattle/clatter noiseREF NO:
TJ 31236.15.0ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2017-01-20STATUS DATE:
2017-01-24FUNC GROUP:
7251FUNC DESC:
**FR SPR, HYD/GAS/AIR,
BELLOWS, CYLINDER**

Page 1 of 2

“Right first time in Time”

Attachment

File Name	File Size
TJ 31236.m4a	0.2825 MB
TJ 31236.wmv	2.6571 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
256	I0	B4204T23					2016-2017		0000001-0114847	201505-201621
256	A2	B4204T27					2016-2017		0000001-0114847	201505-201621
256	BC	B1BPHEV					2016-2017		0000001-0140101	201526-201640

CSC Customer Symptom Codes

Code	Description
WV	Suspension/Clicking/clonking noise/At start/stop
WY	Suspension/Clicking/clonking noise/Unsure when/at all times
X1	Suspension/Unusual noise
8J	Shock absorber/Unusual noise

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading
36060-3	Calibration with VIDA
98632-2	Shock absorber replace acc, to TJ31236



DTC Diagnostic Trouble Codes

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

Text

DESCRIPTION:

If the vehicle is equipped with air suspension and if customer is complaining over a knock/rattle/clatter noise from the **front suspension** when driving on rough roads or over a road hump, then follow the advice under Service.

Note: Vehicles with Air suspension can be identified by the following VDN code: RI03

SERVICE:

Too high tire pressure could produce noise that could be misinterpreted as noise from the front air suspension system.

First ensure that the tire pressure is matching the Tire Label (located in left side B-pillar) or Owner's Manual.

It is required that the workshop test drive the vehicle with correct tire pressure in order to verify the customers complaints regarding unacceptable noise from the front suspension.

*If the noise is confirmed, replace parts according to VIDA and perform a SUM upgrade.

- Important to calibrate SUM: VIDA -> Diagnostics -> Components -> Suspension module (SUM) -> Diagnostic Sequences -> Calibration of the Suspension Module (SUM)

VEHICLE REPORT:

No, only if the described noise not is comparable with attachments please submit a Vehicle Report. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 7251.

If material is needed it will be requested by report.

This Technical Journal has two files posted separately.