

## Model Series 206: Vehicle Level May Be Out Of Specification

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Topic number	LI40.20-P-074829
Version	1
Function group	40.20 - Chassis measurement
Date	5/25/22
Validity	BR 206 with SA M005 and SA 486 or SA 677
Reason for change	

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### Complaint

The vehicle level at the front and/or rear axle may be out of specification after measurement with a Romess level gauge.

This condition has no impact on vehicle safety.

WIS-References		
Document number	Title	Note
AR40.20-P-0301WT	Check vehicle level at front and rear axle with electronic inclinometer, adjust if necessary	Check if vehicle level in tolerance

### Cause

The installed suspension springs may not meet specification.

### Remedy

Measure the current level of the vehicle with a Romess level gauge.

If the suspension level values are outside the specified tolerances, then different suspension springs must be installed as listed below.

The following part numbers may be affected:

Front axle:

Vehicles with SA 677+M005, if front axle springs with part number A2063214000 are installed, then install springs with the next higher part number A2063214100.

Vehicles with SA 486+M005, if front axle springs with part number A2063218800 are installed, then install springs with the next higher part number A2063218900.

Rear axle:

Vehicles with SA 486, if rear axle springs with part number A2063244700 are installed, then install springs with the next higher part number A2063244800.

# XENTRY TIPS

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Vehicles with SA 485/677, if rear axle springs with part number A2063242400 are installed, then install springs with next the higher part number A2063242500.

WIS-References		
Document number	Title	Note
AR32.20-P-0232WT	Remove/install rear axle spring	Only use if vehicle level is out of tolerance.
AR32.25-P-1018WT	Disassemble/assemble suspension strut	Only use if vehicle level is out of tolerance.

Symptoms
Chassis/suspension > Suspension/Dampening > Suspension System Function > Vehicle level too low

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2063214100			Front axle suspension springs	2	SA 677+M005	X
A2063218900			Front axle suspension springs	2	SA 486+M005	X
A2063242500			Rear axle suspension springs	2	SA 485/677	X
A2063244800			Rear axle suspension springs	2	SA 486	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
323865	Replace 2 front axle springs		3200132	Only use if vehicle level is out of tolerance.
323915	Replace 2 rear axle springs		3201132	Only use if vehicle level is out of tolerance.
40685	CHECK VEHICLE LEVEL ON FRONT AND REAR AXLE		3200132	Check if vehicle level is in tolerance.