WE40 - Checking Spring Struts for Front and Rear Axle and Replacing Them if Necessary (Workshop Campaign)

Model Line: **918 Spyder**

Model Year: **2015**

Concerns: **Spring struts for front and rear axle**

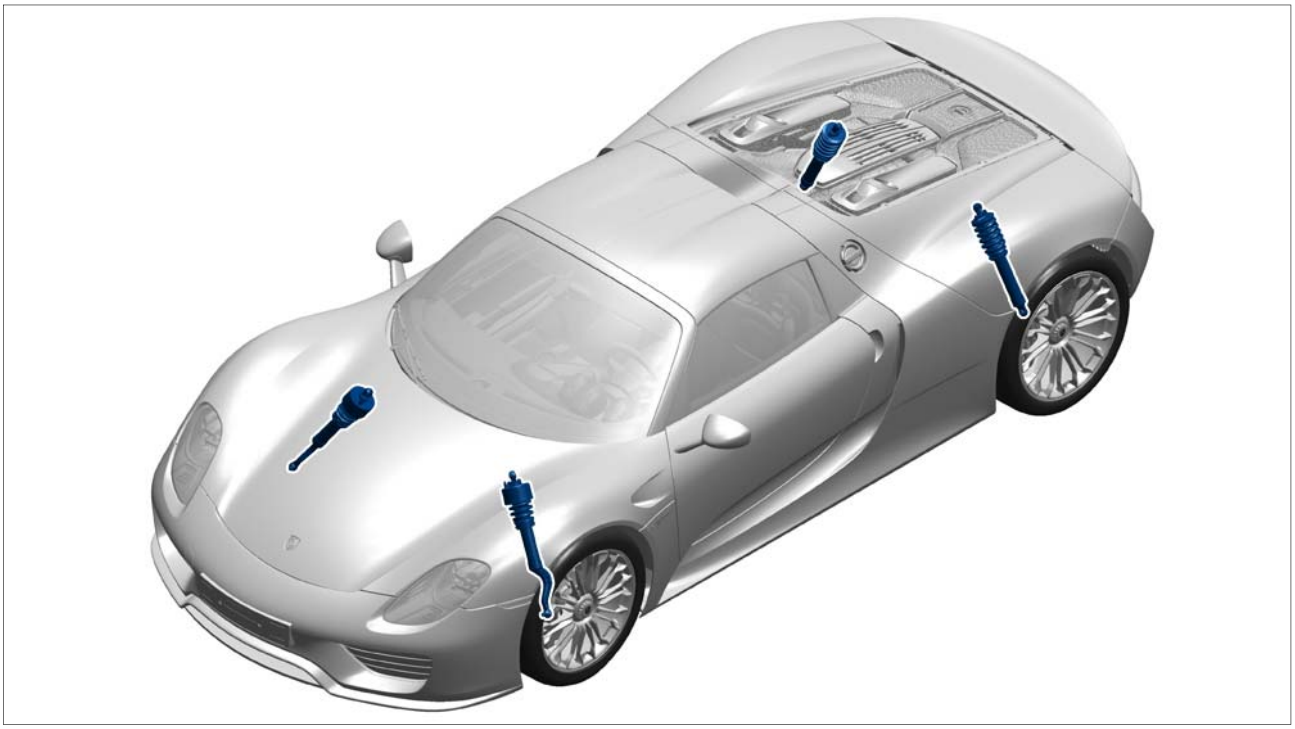
Information: This is to inform you of a voluntary Workshop Campaign on the above-mentioned vehicles. **Internal quality checks have shown that front-axle and rear-axle spring struts with shock absorbers from a batch in which an O-ring on the shock absorber might be damaged were installed on some vehicles.**

This can result in a loss of pressure in the gas-filled shock absorber over the service life of the vehicle and can cause rumbling noises when driving on uneven road surfaces.

Action Required: Check batch number of the spring struts for front and rear axle and replace spring struts if necessary.

Affected Vehicles: The VIN(s) can be checked by using PIWIS Vehicle Information link to verify if the campaign affects the vehicle. This campaign is scope specific to the VIN! Failure to verify in PIWIS may result in an improper repair.
This campaign affects four vehicles in North America:
WP0CA2A11FS800039
WP0CA2A10FS800145
WP0CA2A17FS800711
WP0CA2A14FS800911

Installation Position:



Overview of spring struts

Work Procedure: See Attachment “A”.

Claim Submission: See Attachment “B”.

Checking batch numbers of the spring struts for front and rear axle

Tools:

- **9002 - Lifting platform holders**
- **9453 - Access ramps**
- Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
- Suitable inspection mirror
- Shop light

Attachment "A": **Work Procedure**

1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.

1.1 Position the vehicle between the arms of the lifting platform and push it onto the **9453 - access ramps**.

1.2 Remove covers on the underbody and fit mounting plates **9002 - Lifting platform holders**, ⇒*Workshop Manual '518119 Removing and installing jacking points'*.

1.3 Jack and raise the vehicle at the mounting plates.

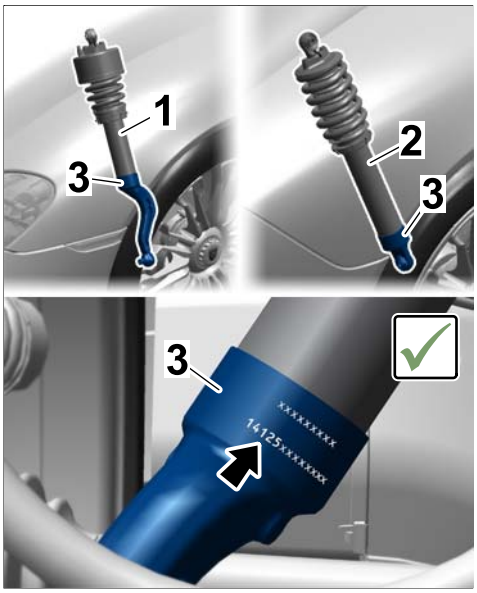
Information

The batch numbers must be checked on **all spring struts** for the **front and rear axle**.
The procedure for checking one spring strut is described below as an example.

The wheels do not have to be removed in order to check the spring struts.

2 **Read off and check the batch number of the spring struts for the front and rear axle**.

To do this, guide the inspection mirror and hand lamp into the relevant wheel housing through the open area between the wheel and underbody from below as far as the damper foot ⇒*Checking batch numbers* **-3-** of the **front-axle spring struts**⇒*Checking batch numbers* **-1-** and **rear-axle spring struts**⇒*Checking batch numbers* **-2-**.



Checking batch numbers

Information

The batch number can be found on the damper foot of the spring struts, close to the threaded joint for the shock absorber pipe.
The **first five digits** of the **bottom line** on the spring strut are important here.

- The **batch number** ⇒***Checking batch numbers* -arrow- of all four spring struts** is **14125 or higher** ⇒ continue with **Step 3**.

- **If** the batch number ⇒*Checking batch numbers* **-arrow-** of one spring strut is **lower than 14125**, the spring strut in question must be **replaced**; ⇒*Technical Information 'WE4000 Preliminary work for removing spring struts'*.

- **If** there is **no batch number** on the spring strut, the spring strut in question must also be **replaced** ⇒*Technical Information 'WE4000 Preliminary work for replacing spring struts'*.

3 Lower the vehicle and remove it from the lifting platform ⇒*Workshop Manual '4X00IN Lifting the vehicle'*.

3.1 Lower the vehicle onto the **9453 - access ramps** with the lifting platform.

3.2 Remove mounting plates **9002 - Lifting platform holders** and install the covers on the underbody ⇒ *Workshop Manual '518119 Removing and installing jacking points'*.

4 Enter the workshop campaign in the Warranty and Maintenance booklet ⇒ **End of action required**.

Preliminary work for replacing spring struts

Tools:
- **9453 - Access ramps**
- A suitable measuring tool for measuring vehicle height, e.g. 300-mm steel rule

Attachment "A": **Work Procedure**

1 First remove the vehicle from the lifting platform using the **9453 - access ramps** and move it onto a measuring platform.
Do **not** remove the lifting platform holders on the underbody.

2 Measure the vehicle height and wheel loads of all wheels and take note of the values.
For information on how to do this, see ⇒ *Workshop Manual '449503 Suspension alignment, complete'*.

3 Raise the vehicle on a lifting platform again ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.

4 Replace the relevant front-axle and/or rear-axle spring struts with a batch number **lower than 14125** or **with no batch number**.

For information on how to do this, see:

- Replace spring strut for front axle ⇒ *Technical Information 'WE4000 Replacing spring strut for front axle'*.
- Replace spring strut for rear axle ⇒ *Technical Information 'WE4000 Replacing spring strut for rear axle'*.

Replacing spring strut for front axle

Parts Info: **NOTE: PARTS WILL NOT BE AUTOMATICALLY ALLOCATED TO YOUR DEALERSHIP. ALL PARTS MUST BE ORDERED VIA A PTEC/PAV.**

Information
The parts to be used depend on the vehicle equipment **front axle lift system (I-no. 474)** and **Racetrack package (I-no. 808)**.
Depending on whether or not this optional equipment is installed and the number of spring struts affected, the **relevant parts** must be used for each vehicle.

- Vehicles with **lift system (I-no. 474)**:

Part No.	Designation – Location	Qty.
918.343.057.05	⇒ Left spring strut, complete - front axle Vehicles with lift system (l-no. 474)	1 ea.*
and/or		
918.343.058.05	⇒ Right spring strut, complete - front axle Vehicles with lift system (l-no. 474)	1 ea.*

or

- Vehicles **without** lift system:

Part No.	Designation – Location	Qty.
918.343.057.04	⇒ Left spring strut, complete - front axle	1 ea.*
and/or		
918.343.058.04	⇒ Right spring strut, complete - front axle	1 ea.*

* The spring struts for the front axle depend on the vehicle equipment (with/without lift system, l-no. 474). The relevant left and/or right spring strut must be ordered, depending on the number of spring struts affected.

The following parts will **also be required for each spring strut to be replaced**:

- Vehicles with **Racetrack package (l-no. 808)**:

Part No.	Designation – Location	Qty.
999.311.606.02	⇒ Fit bolt, M10 x 1.5 x 72 – Front-axle spring strut to lower trailing arm	1 ea.
999.311.605.02	⇒ Fit bolt, M10 x 52 – Front-axle spring strut to upper mounting saddle	1 ea.
999.084.656.01	⇒ Hexagon nut, M10 – Front-axle spring strut mounting	2 ea.

or

- Vehicles **without** Racetrack package:

Part No.	Designation – Location	Qty.
999.311.606.01	⇒ Fit bolt, M10 x 1.5 x 72 – Front-axle spring strut to lower trailing arm	1 ea.
999.311.605.01	⇒ Fit bolt, M10 x 52 – Front-axle spring strut to upper mounting saddle	1 ea.
999.084.656.01	⇒ Hexagon nut, M10 – Front-axle spring strut mounting	2 ea.

Tools:

- **9003 - Socket wrench** for central wheel lock
- **9004 - Socket wrench** for central wheel lock cover
- Insert for **9647 - hook wrench**
- Hook wrench for chassis adjustment
- Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
- Torque wrench, 6 – 50 Nm (4.5 – 37 ftlb.), e.g. **V.A.G 1331 - Torque wrench, 6-50 Nm (4.5-37 ftlb.)**
- Torque wrench, 40 – 200 Nm (30 – 148 ftlb.), e.g. **V.A.G 1332 - Torque wrench, 40-200 Nm (30-148 ftlb.)**
- **VAS 6935 - Pole terminal puller**
- A suitable measuring tool for measuring height adjustment on the spring strut, e.g. 300-mm steel rule

Also required only for vehicles with **front axle lift system (I-no. 474)**:

- Open-jawed wrench insert or open ring wrench insert (a/f 12) for torque wrench

Attachment "A": **Work Procedure**

1 Remove wiper arm ⇒ *Workshop Manual '922519 Removing and installing wiper arm'*.

2 Remove front trim panel ⇒ *Workshop Manual '700219 Removing and installing front trim panel'*.

3 Remove cowl panel cover ⇒ *Workshop Manual '664419 Removing and installing cowl panel cover'*.

NOTICE

Removing / fitting wheels

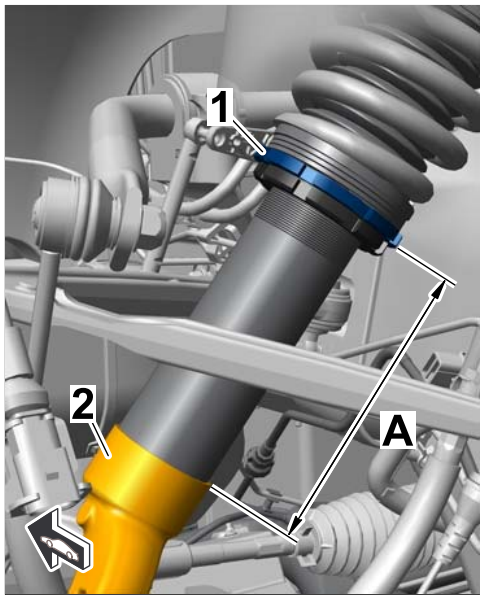
- **Risk of damage to (ceramic) brake discs**

⇒ **Carefully guide the wheel towards the wheel hub, thereby preventing any heavy impact on the (ceramic) brake disc.**

4 Remove wheel on the affected front-axle spring strut ⇒ *Workshop Manual '440519 Removing and installing wheel'*.

5 **Remove affected front-axle spring strut** with a **batch number lower than 14125** or **with no batch number** ⇒ *Workshop Manual '408519 Removing and installing front spring strut'*.

6 Measure adjustment dimension for the vehicle height on the removed spring strut.
To do this, use a steel rule as shown in Figure ⇒ *Measuring vehicle height on spring strut* to measure the distance between the adjusting nut ⇒ *Measuring vehicle height on spring strut* **-1-** and the upper edge on the damper foot ⇒ *Measuring vehicle height on spring strut* **-2-**.
Take note of the measured distance ⇒ *Measuring vehicle height on spring strut* **-A-**.



Measuring vehicle height on spring strut

7 Install new spring strut ⇒ *Workshop Manual '408519 Removing and installing front spring strut'*.

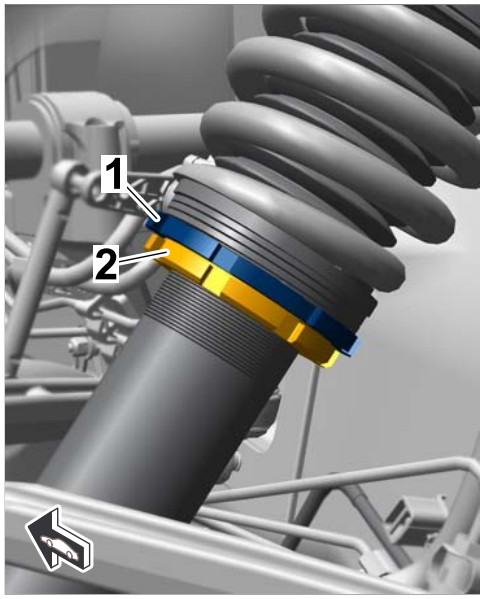
8 Pre-set the vehicle height on the new spring strut.

8.1 Loosen the lock nut ⇒ *Pre-setting vehicle height* **-2-** on the spring strut as required using insert for **9647 - hook wrench** or a hook wrench.

8.2 Screw the adjusting nut ⇒ *Pre-setting vehicle height* **-1-** on the spring strut up or down until the **distance** between the adjusting nut and the upper edge on the damper foot is the same as the distance measured in **Step 6**.

8.3 Screw the lock nut ⇒ *Pre-setting vehicle height* **-2-** up as far as the adjusting nut ⇒ *Pre-setting vehicle height* **-1-**. Do not change the position of the adjusting nut while doing this.

8.4 Tighten the lock nut ⇒ *Pre-setting vehicle height* **-2-** using insert for **9647 - hook**



Pre-setting vehicle height

wrench and a torque wrench. Counter at the adjusting nut ⇒*Pre-setting vehicle height* **-1-** with a hook wrench while doing this.
Tightening torque 20 Nm (15 ftlb.) +5 Nm (+3.5 ftlb.)

9 Install cowl panel cover ⇒*Workshop Manual '664419 Removing and installing cowl panel cover'*.

10 Install front trim panel ⇒*Workshop Manual '700219 Removing and installing front trim panel'*.

11 Install wiper arm ⇒*Workshop Manual '922519 Removing and installing wiper arm'*.

12 If **spring struts with a batch number lower than 14125** or **with no batch number** are also installed on the **rear axle**, replace these as well.
To do this, continue with ⇒*Technical Information 'WE4000 Replacing spring strut for rear axle'*.

If **no rear-axle spring struts** are **affected**, continue with ⇒*Technical Information 'WE4000 Subsequent work'*.

Replacing spring strut for rear axle

Parts Info:

Part No.	Designation – Location	Qty.
918.333.057.03	⇒ Spring strut, complete - rear axle	1 ea.*

* The rear-axle spring struts are identical on the left and right. Either one or two spring struts must be ordered, depending on the number of spring struts affected.

The following parts will **also be required for each spring strut to be replaced**:

N 106.421.01	⇒ Hexagon-head bolt, M8 x 25 – Mounting plate for rear-axle spring strut	2 ea.
999.084.656.01	⇒ Hexagon nut, M10 – Rear-axle spring strut mounting	2 ea.

Tools:

- **9003 - Socket wrench** for central wheel lock
- **9004 - Socket wrench** for central wheel lock cover
- Insert for **9647 - hook wrench**
- Hook wrench for chassis adjustment
- Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
- Torque wrench, 6 – 50 Nm (4.5 – 37 ftlb.), e.g. **V.A.G 1331 - Torque wrench, 6-50 Nm (4.5-37 ftlb.)**

- Torque wrench, 40 – 200 Nm (30 – 148 ftlb.), e.g. **V.A.G 1332 - Torque wrench, 40-200 Nm (30-148 ftlb.)**
- A suitable measuring tool for measuring height adjustment on the spring strut, e.g. 300-mm steel rule

Attachment "A": **Work Procedure**

NOTICE

Removing / fitting wheels

- **Risk of damage to (ceramic) brake discs**

⇒ **Carefully guide the wheel towards the wheel hub, thereby preventing any heavy impact on the (ceramic) brake disc.**

1 Remove wheel on the affected rear-axle spring strut ⇒ *Workshop Manual '440519 Removing and installing wheel'*.

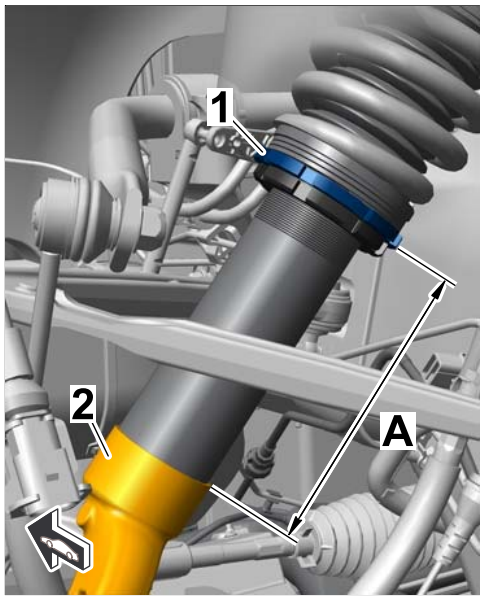
2 Remove rear wheel housing liner.

2.1 Remove front part of rear wheel housing liner ⇒ *Workshop Manual '53691901 Removing and installing rear wheel housing liner (front part)'*.

2.2 Remove rear part of rear wheel housing liner ⇒ *Workshop Manual '53691903 Removing and installing rear wheel housing liner (rear part)'*.

3 **Affected rear-axle spring strut** with a **batch number lower than 14125** or **with no batch number** ⇒ *Workshop Manual '427119 Removing and installing rear spring strut'*.

4 Measure adjustment dimension for the vehicle height on the removed spring strut.
To do this, use a steel rule as shown in Figure ⇒*Measuring vehicle height on spring strut* to measure the distance between the adjusting nut ⇒*Measuring vehicle height on spring strut* **-1-** and the upper edge on the damper foot ⇒*Measuring vehicle height on spring strut* **-2-**.
Take note of the measured distance ⇒*Measuring vehicle height on spring strut* **-A-**.



Measuring vehicle height on spring strut

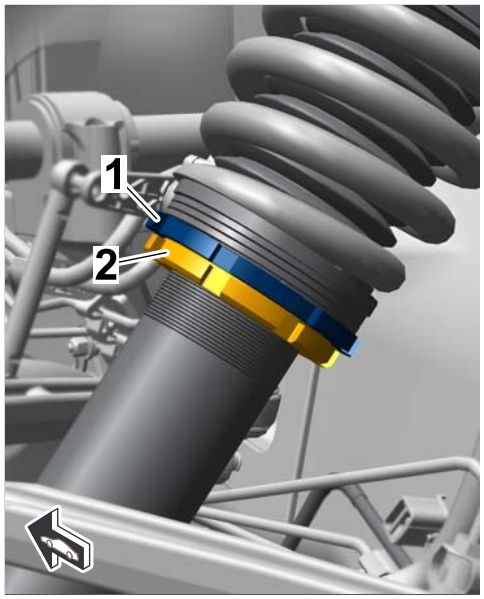
5 Install new spring strut ⇒*Workshop Manual '427119 Removing and installing rear spring strut'*.

6 Pre-set the vehicle height on the new spring strut.

6.1 Loosen the lock nut ⇒*Pre-setting vehicle height* **-2-** on the spring strut as required using insert for **9647 - hook wrench** or a hook wrench.

6.2 Screw the adjusting nut ⇒*Pre-setting vehicle height* **-1-** on the spring strut up or down until the **distance** between the adjusting nut and the upper edge on the damper foot is the same as the distance measured in **Step 4**.

6.3 Screw the lock nut ⇒*Pre-setting vehicle height* **-2-** up as far as the adjusting nut ⇒*Pre-setting vehicle height* **-1-**. Do not change the position of the adjusting nut while doing this.



Pre-setting vehicle height

6.4 Tighten the lock nut ⇒*Pre-setting vehicle height* **-2-** using insert for **9647 - hook wrench** and a torque wrench. Counter at the adjusting nut ⇒*Pre-setting vehicle height* **-1-** with a hook wrench while doing this.
Tightening torque 20 Nm (15 ftlb.) +5 Nm (+3.5 ftlb.)

7 Install rear wheel housing liner.

7.1 Install rear part of rear wheel housing liner ⇒*Workshop Manual '53691903 Removing and installing rear wheel housing liner (rear part)'*.

7.2 Install front part of rear wheel housing liner ⇒*Workshop Manual '53691901 Removing and installing rear wheel housing liner (front part)'*.

Subsequent work

Tools:
- **9003 - Socket wrench** for central wheel lock
- **9004 - Socket wrench** for central wheel lock cover
- **VAS 6826 - Steering wheel alignment gauge**
- Insert for **9647 - hook wrench**
- Hook wrench for chassis adjustment
- Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
- Torque wrench, 150 – 800 Nm (111 – 592 ftlb.), e.g. **V.A.G. 1601 - Torque wrench 150-800 Nm (111-592 ftlb.)**
- **9818 - PIWIS Tester II**

Attachment "A": **Work Procedure**

NOTICE

Removing / fitting wheels

- **Risk of damage to (ceramic) brake discs**

⇒ **Carefully guide the wheel towards the wheel hub, thereby preventing any heavy impact on the (ceramic) brake disc.**

1 Fit all wheels ⇒*Workshop Manual '440519 Removing and installing wheel'*.

2 Lower the vehicle and remove it from the lifting platform ⇒*Workshop Manual '4X00IN Lifting the vehicle'*.

2.1 Lower the vehicle onto the **9453 - access ramps** with the lifting platform.

2.2 Remove mounting plates **9002 - Lifting platform holders** and install the covers on the underbody ⇒*Workshop Manual '518119 Removing and installing jacking points'*.

3 **Adjust vehicle height and wheel load** to the **previously determined values**.
For instructions on how to do this, see ⇒*Workshop Manual '449503 Suspension alignment, complete'*

Comply with specifications ⇒*Workshop Manual '4X00IN Adjustment values for suspension alignment'*

Information

If the **vehicle height** and the **axle loads** of all four wheels were set to the **previously determined values**, experience has shown that **there is no need** to perform **suspension alignment** or **adjust** the other wheel positions.

4 Calibrate PASM height sensors and acceleration sensors using **9818 - PIWIS Tester II**.
⇒ Select **PASM** control unit > "**Maintenance / repairs**" menu >> "**Calibration**" function

5 Enter the workshop campaign in the Warranty and Maintenance booklet.

Attachment "B": **Claim Submission** - Workshop Campaign WE40
Warranty claims should be submitted via WWS/PQIS.
Open campaigns may be checked by using either the PIWIS Vehicle Information system or through PQIS Job Creation.
Labor, parts, and sublet will be automatically inserted when Technician is selected in WWS/PQIS. If necessary, the required part numbers will need to be manually entered into warranty system by the dealer administrator.

Scope 1: Checking batch numbers of spring struts for front and rear axle – **No spring struts have to be replaced.**

Working time:

Checking batch numbers of spring struts for front and rear axle	Labor time: **111 TU**
Includes: Raising and lowering the vehicle	

⇒ **Damage code WE40 066 000 1**

Scope 2: Checking batch numbers and replacing **one** spring strut for **front axle**.

Working time:

Checking batch numbers and replacing one spring strut for front axle	Labor time: **324 TU**
Includes: Raising and lowering the vehicle	
Measuring vehicle height and wheel load	
Removing and installing front trim panel	
Removing and installing cowl panel cover	
Removing and installing wheel	
Removing and installing spring strut for front axle	
Adjusting vehicle height and wheel load	
Calibrating PASM height sensors and acceleration sensors	

Parts required for vehicles with **lift system (I-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
or		
918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
or		
Parts required for vehicles **without** lift system:		
918.343.057.04	Left spring strut, complete - front axle	1 ea.
or		
918.343.058.04	Right spring strut, complete - front axle	1 ea.
Additional parts required for vehicles with **Racetrack package (l-no. 808)**:		
999.311.606.02	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.02	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	2 ea.
or		
Additional parts required for vehicles **without** Racetrack package:		
999.311.606.01	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.01	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	2 ea.

⇒ **Damage code WE40 066 000 2**

Scope 3: Checking batch numbers and replacing **one** spring strut for **rear axle**.

Working time:

Checking batch numbers and replacing one spring strut for rear axle		Labor time: **319 TU**
Includes:	Raising and lowering the vehicle Measuring vehicle height and wheel load Removing and installing wheel Removing and installing front and rear part of rear wheel housing liner Removing and installing spring strut for rear axle Adjusting vehicle height and wheel load	

Calibrating PASM height sensors and acceleration sensors

Parts required:

918.333.057.03	Spring strut, complete - rear axle	1 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	2 ea.
999.084.656.01	Hexagon nut, M10	2 ea.

⇒ **Damage code WE40 066 000 2**

Scope 4: Checking batch numbers and replacing **both** spring struts for **front axle**.

Working time:

Checking batch numbers and replacing both spring struts for front axle — Labor time: **378 TU**

Includes:
- Raising and lowering the vehicle
- Measuring vehicle height and wheel load
- Removing and installing front trim panel (2x)
- Removing and installing cowl panel cover
- Removing and installing wheel (2x)
- Removing and installing spring strut for front axle (2x)
- Adjusting vehicle height and wheel load
- Calibrating PASM height sensors and acceleration sensors

Parts required for vehicles with **lift system (l-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.

or

Parts required for vehicles **without** lift system:

918.343.057.04	Left spring strut, complete - front axle	1 ea.
918.343.058.04	Right spring strut, complete - front axle	1 ea.

Additional parts required for vehicles **with Racetrack package (l-no. 808)**:

999.311.606.02	Fit bolt, M10 x 1.5 x 72	2 ea.
999.311.605.02	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	4 ea.

or

Additional parts required for vehicles **without** Racetrack package:

999.311.606.01	Fit bolt, M10 x 1.5 x 72	2 ea.
999.311.605.01	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	4 ea.

⇒ **Damage code WE40 066 000 2**

Scope 5: Checking batch numbers and replacing **both** spring struts for **rear axle**.

Working time:

Checking batch numbers and replacing both spring struts for rear axle — Labor time: **418 TU**

Includes:
- Raising and lowering the vehicle
- Measuring vehicle height and wheel load
- Removing and installing wheel (2x)
- Removing and installing front and rear part of rear wheel housing liner (2x)
- Removing and installing spring strut for rear axle (2x)
- Adjusting vehicle height and wheel load
- Calibrating PASM height sensors and acceleration sensors

Parts required:

918.333.057.03	Spring strut, complete - rear axle	2 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	4 ea.
999.084.656.01	Hexagon nut, M10	4 ea.

⇒ **Damage code WE40 066 000 2**

Scope 6: Checking batch numbers and replacing **one** spring strut for both the **front axle** and **rear axle**.

Working time:

Checking batch numbers and replacing one spring strut for both the front and rear axle	Labor time: **423 TU**
Includes: Raising and lowering the vehicle Measuring vehicle height and wheel load Removing and installing front trim panel Removing and installing cowl panel cover Removing and installing wheel (2x) Removing and installing front and rear part of rear wheel housing liner Removing and installing spring strut for front axle Removing and installing spring strut for rear axle Adjusting vehicle height and wheel load Calibrating PASM height sensors and acceleration sensors	

Parts required for vehicles with **lift system (I-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (I-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

or

918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (I-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

or

Parts required for vehicles **without** lift system:

918.343.057.04	Left spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

or

918.343.058.04	Right spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

Additional parts required for vehicles **with** Racetrack package (I-no. 808):

999.311.606.02	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.02	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	4 ea.

N 106.421.01	Hexagon-head bolt, M8 x 25	2 ea.

or

Additional parts required for vehicles **without** Racetrack package:

999.311.606.01	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.01	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	4 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	2 ea.

⇒ **Damage code WE40 066 000 2**

Scope 7: Checking batch numbers and replacing **both** spring struts for **front axle** and **one** spring strut for **rear axle**.

Working time:

Checking batch numbers and replacing both spring struts for front axle and one spring strut for rear axle — Labor time: **476 TU**

Includes:
- Raising and lowering the vehicle
- Measuring vehicle height and wheel load
- Removing and installing front trim panel (2x)
- Removing and installing cowl panel cover
- Removing and installing wheel (3x)
- Removing and installing front and rear part of rear wheel housing liner
- Removing and installing spring strut for front axle (2x)
- Removing and installing spring strut for rear axle
- Adjusting vehicle height and wheel load
- Calibrating PASM height sensors and acceleration sensors

Parts required for vehicles with **lift system (l-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

or

Parts required for vehicles **without** lift system:

918.343.057.04	Left spring strut, complete - front axle	1 ea.
918.343.058.04	Right spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	1 ea.

Additional parts required for vehicles **with** Racetrack package (l-no. 808):

999.311.606.02	Fit bolt, M10 x 1.5 x 72	2 ea.
999.311.605.02	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	6 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	2 ea.

or

Additional parts required for vehicles **without** Racetrack package:

999.311.606.01	Fit bolt, M10 x 1.5 x 72	2 ea.
999.311.605.01	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	6 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	2 ea.

⇒ **Damage code WE40 066 000 2**

Scope 8: Checking batch numbers and replacing **one** spring strut for **front axle** and **both** spring struts for **rear axle**.

Working time:

Checking batch numbers and replacing one spring strut for front axle and both spring struts for rear axle — Labor time: **522 TU**

Includes:
- Raising and lowering the vehicle
- Measuring vehicle height and wheel load
- Removing and installing front trim panel
- Removing and installing cowl panel cover
- Removing and installing wheel (3x)
- Removing and installing front and rear part of rear wheel housing liner (2x)
- Removing and installing spring strut for front axle
- Removing and installing spring strut for rear axle (2x)
- Adjusting vehicle height and wheel load
- Calibrating PASM height sensors and acceleration sensors

Parts required for vehicles with **lift system (l-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

or

918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (l-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

or

Parts required for vehicles **without** lift system:

918.343.057.04	Left spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

or

918.343.058.04	Right spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

Additional parts required for vehicles **with** Racetrack package (l-no. 808):

999.311.606.02	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.02	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	6 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	4 ea.

or

Additional parts required for vehicles **without** Racetrack package:

999.311.606.01	Fit bolt, M10 x 1.5 x 72	1 ea.
999.311.605.01	Fit bolt, M10 x 52	1 ea.
999.084.656.01	Hexagon nut, M10	6 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	4 ea.

⇒ **Damage code WE40 066 000 2**

Scope 9: Checking batch numbers and replacing **both** spring struts for **front axle** and **both** spring struts for **rear axle**.

Working time:

Checking batch numbers and replacing both spring struts for front axle and both spring struts for rear axle	Labor time: **574 TU**
Includes: Raising and lowering the vehicle Measuring vehicle height and wheel load Removing and installing front trim panel (2x) Removing and installing cowl panel cover Removing and installing wheel (4x) Removing and installing front and rear part of rear wheel housing liner (2x) Removing and installing spring strut for front axle (2x) Removing and installing spring strut for rear axle (2x) Adjusting vehicle height and wheel load Calibrating PASM height sensors and acceleration sensors	

Parts required for vehicles with **lift system (I-no. 474)**:

918.343.057.05	Left spring strut, complete - front axle for vehicles with lift system (I-no. 474)	1 ea.
918.343.058.05	Right spring strut, complete - front axle for vehicles with lift system (I-no. 474)	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

or

Parts required for vehicles **without** lift system:

918.343.057.04	Left spring strut, complete - front axle	1 ea.
918.343.058.04	Right spring strut, complete - front axle	1 ea.
918.333.057.03	Spring strut, complete - rear axle	2 ea.

Additional parts required for vehicles **with** Racetrack package (I-no. 808):

999.311.606.02	Fit bolt, M10 x 1.5 x 72	2 ea.
999.311.605.02	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	8 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	4 ea.

or

Additional parts required for vehicles **without** Racetrack package:

999.311.606.01	Fit bolt, M10 x 1.5 x 72	2 ea.

999.311.605.01	Fit bolt, M10 x 52	2 ea.
999.084.656.01	Hexagon nut, M10	8 ea.
N 106.421.01	Hexagon-head bolt, M8 x 25	4 ea.

⇒ **Damage code WE40 066 000 2**

Dealership Distribution Routing	Service Manager	_____	Shop Foreman	_____	Service Technician	_____	_____	_____	_____
	Asst. Manager	_____	Warranty Admin.	_____	Service Technician	_____	_____	_____	_____