

**WKJ4 - Replacing Rear Axle Differential (Stop Delivery)**

Vehicle Type: **Cayenne (9YA/9YB), Cayenne S (9YA/9YB)**

Model Year: **2020**

Subject: **Rear axle differential**

Information: **There is a possibility that the collar nut on the pinion shaft of the rear axle differential can loosen on the affected vehicles.**

This can cause loud noises and may damage the rear axle differential.

Remedial Action: Replace rear axle differential.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information). see also PIWIS Vehicle Information). This campaign affects 31 vehicles in North America.



**Information**

Due to various equipment variants, the required preparatory and concluding work for removing and installing the rear axle differential can differ depending on the vehicle. Specific campaign scopes have been defined for this purpose.

Every vehicle is therefore **assigned just one campaign scope**.

To find out which campaign scope is assigned to each vehicle, see PCSS Vehicle Information.

For an overview of the campaign scopes, see ⇒ *Technical Information 'Warranty processing'*.

**Parts required**

Parts Info: **Parts Required:**

Part No.	Designation – Use	Qty.
ODG500043J	⇒ Rear axle differential	1 ea.
8E0407643A	⇒ Collared cheese head bolt, M16 x 1.5 x 72 – Drive shaft to wheel hub	2 ea.
PAF006496	⇒ Hexagon-head bolt, M14 x 1.5 x 100 – Tie rod to wheel bearing housing	2 ea.
N 91237101	⇒ Hexagon-head bolt, M12 x 1.5 x 85 – Upper control arm, front to wheel bearing housing	2 ea.

N 10106403	⇒ Hexagon nut, M12 – Upper control arm, front to wheel bearing housing	2 ea.
PAF006496	⇒ Hexagon-head bolt, M14 x 1.5 x 100 – Upper control arm, rear to wheel bearing housing	2 ea.
958007096	⇒ Hexagon-head bolt, M14 x 1.5 x 100 – Longitudinal control arm to wheel bearing housing	2 ea.
N 10456004	⇒ Internal hexagon round countersunk screw, M6 x 12 – Brake disc to wheel hub	4 ea.
9A700758500	⇒ Cheese head bolt, M12 x 1.5 x 85 – Brake calliper to wheel bearing housing	4 ea.
PAF107599	⇒ Cheese head bolt with multiple-tooth head, M10 x 45 – Cardan shaft to rear axle differential	6 ea.
95534919121	⇒ Plate – cardan shaft to rear axle differential	3 ea.
N 10629602	⇒ Hexagon-head bolt, M10 x 35 – Rear strut to body	1 ea.
N 91228001	⇒ Hexagon-head bolt M14 x 1.5 x 145 – Rear axle housing to body	2 ea.
N 10810701	⇒ Hexagon-head bolt, M8 x 25 – Anti-roll bar to rear axle housing	2 ea.
N 91228901	⇒ Hexagon-head bolt, M10 x 70 – Connecting link to anti-roll bar	2 ea.
N 10272302	⇒ Hexagon-head bolt, M10 x 35 – Connecting link to anti-roll bar	2 ea.
PAF91201301	⇒ Combination screw, M14 x 1.5 x 120 – Rear axle differential to rear axle housing, front	1 ea.
PAF91114701	⇒ Combination screw, M12 x 1.5 x 110 – Rear axle differential to rear axle housing, rear	2 ea.

## Required tools

- Tools:
- Electronic torque angle torque wrench, 2 – 100 Nm (1.5 - 74 ftlb.), e.g. **9768 - Electronic torque wrench, 2 - 100 Nm (1.5 - 74 ftlb.)**
  - **VAS 6931 - Transmission and Engine Jack**
  - Torque wrench, 6 – 50 Nm (4.5 – 37 ftlb.), e.g. **V.A.G 1331A - 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.)**
  - **9825/3 - Adapter**
  - **9825/1 - Connecting line**
  - **WE1409 - Pressure reducer**
  - **9889 - Press-off tool**
  - **9229/1 - Puller hook**
  - **VAS 6926 - Puller set**
  - **V.A.G 1275A - Hose clip pliers**
  - **VAS 6918 - Quick-Clamping Unit**
  - **T40183 - Open-end spanner insert**
  - **VAS 6826 - Steering wheel balance**
  - **VAS 6927 - Tie-wrap pliers**
  - **VAS 6430/1A - Setting Device with Reflector**
  - **VAS 6430/3 - ACC reflector mirror**
  - **VAS 6430/4 - Lane Departure Warning Calibration Plate**
  - **VAS 6430/6 - Enhanced night vision calibration unit**
  - **VAS 6350A - Calibration unit**
  - **VAS 6350/2A - Spacing laser**
  - **9900 - PIWIS Tester 3**
  - Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 - Battery charger 90A or equivalent**



### Information

The Cayenne is equipped as standard with a **lithium starter battery**, which must only be charged using suitable battery chargers.

For further information about the battery chargers to be used, see:

- ⇒ *Workshop Manual '2706IN General information on the 12-volt lithium-ion battery'*
- ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

## Replacing rear axle differential



### Information

Read and follow the preparatory and concluding work for removing and installing the rear axle differential described in the model-specific Workshop Manual.

Also note that the required subsequent work for calibrating the assistance systems listed below can vary depending on equipment variant:

- ACC/Distance measuring sensor control unit (8T3, 8T8, 3V1, 3V2)
- Front camera (QK8)
- Infrared camera (9R1)

- Remedial action:
- 1 Raise the vehicle on a lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.
  - 2 Remove wheels on the rear axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 3 Replace rear axle differential.  
For instructions, see ⇒ *Workshop Manual '390119 Removing and installing final drive'*.
  - 4 Install wheels on the rear axle ⇒ *Workshop Manual '440519 Removing and installing wheel'*.
  - 5 Lower the vehicle and remove it from the lifting platform ⇒ *Workshop Manual '4X00IN Lifting the vehicle'*.
  - 6 Enter the campaign in the Warranty and Maintenance booklet.

## Warranty processing



### Information

The specified working times were determined specifically for carrying out this campaign and include all required preliminary and subsequent work.

The working times may differ from the working times published in the Labor Operation List in PCSS.

Scope 1:

Vehicle type:

- Cayenne (9YAAA1)
- Cayenne Coupé (9YBAA1)

Vehicle equipment:

- 1BA or 1BH – Standard suspension
- QK8 – Front camera

**Working time:**

Replacing rear axle differential

Labor time: **1059 TU**

Includes:

Raising and lowering the vehicle  
 Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

## Scope 2:

Vehicle type:

- Cayenne (9YAAA1)
- Cayenne Coupé (9YBAA1)

Vehicle equipment:

- 1BK – Air suspension
- QK8 – Front camera

**Working time:**

Replacing rear axle differential

Labor time: **1109 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

Scope 3:

Vehicle type:

- Cayenne (9YAAA1)
- Cayenne Coupé (9YBAA1)

Vehicle equipment:

- 1BK – Air suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC

### Working time:

Replacing rear axle differential

Labor time: **1204 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

### Parts required:

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

## Scope 4:

Vehicle type:

- Cayenne (9YAAA1)
- Cayenne Coupé (9YBAA1)

Vehicle equipment:

- 1BA or 1BH – Standard suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC

**Working time:**

Replacing rear axle differential

Labor time: **1087 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**



Scope 5:

Vehicle type:

- Cayenne S (9YABB1)
- Cayenne S Coupé (9YBBB1)

Vehicle equipment:

- 1BA or 1BH – Standard suspension
- QK8 – Front camera

**Working time:**

Replacing rear axle differential

Labor time: **1108 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

## Scope 6:

Vehicle type:

- Cayenne S (9YABB1)
- Cayenne S Coupé (9YBBB1)

Vehicle equipment:

- 1BK – Air suspension
- QK8 – Front camera

**Working time:**

Replacing rear axle differential

Labor time: **1225 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

Scope 7:

Vehicle type:

- Cayenne S (9YABB1)
- Cayenne S Coupé (9YBBB1)

Vehicle equipment:

- 1BA or 1BH – Standard suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC
- 9R1 – Infrared camera

**Working time:**

Replacing rear axle differential

Labor time: **1146 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

## Scope 8:

## Vehicle type:

- Cayenne S (9YABB1)
- Cayenne S Coupé (9YBBB1)

## Vehicle equipment:

- 1BK – Air suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC
- 9R1 – Infrared camera

**Working time:**

Replacing rear axle differential

Labor time: **1263 TU**

## Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

Scope 9:

Vehicle type:

- Cayenne S (9YABB1)

Vehicle equipment:

- 1BK – Air suspension
- or 1BA – Standard suspension
- or 1BH – Standard suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC

### Working time:

Replacing rear axle differential

Labor time: **1135 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

### Parts required:

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

## Scope 10:

## Vehicle type:

- Cayenne Coupé (9YBAA1)

## Vehicle equipment:

- 1BA or 1BH – Standard suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC
- 9R1 – Infrared camera

**Working time:**

Replacing rear axle differential

Labor time: **1098 TU**

## Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

Scope 11:

Vehicle type:

- Cayenne Coupé (9YBAA1)

Vehicle equipment:

- 1BK – Air suspension
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC
- 9R1 – Infrared camera

### Working time:

Replacing rear axle differential

Labor time: **1215 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

### Parts required:

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ Damage Code **WKJ4 066 000 2**

## Scope 12:

Vehicle type:

- Cayenne (9YAAA1)

Vehicle equipment:

- 1BK – Air suspension
- 1P7 – PDCC
- QK8 – Front camera

**Working time:**

Replacing rear axle differential

Labor time: **1212 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

**Parts required:**

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**



Scope 13:

Vehicle type:

- Cayenne (9YAAA1)

Vehicle equipment:

- 1BK – Air suspension
- 1P7 – PDCC
- QK8 – Front camera
- 8T3 or 8T8 or 3V1 or 3V2 – ACC

### Working time:

Replacing rear axle differential

Labor time: **1239 TU**

Includes:

Raising and lowering the vehicle

Removing and installing wheel on left of front axle

### Parts required:

8E0407643A	Collared cheese head bolt with hexagon socket head, M16	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
N 91237101	Hexagon flange bolt, M12	2 ea.
N 10106403	Hexagon collar nut, M12	2 ea.
PAF006496	Hexagon flange bolt, M14	2 ea.
958007096	Hexagon-head bolt, M12	2 ea.
N 10456004	Internal hexagon round countersunk screw, M6	4 ea.
9A700758500	Cheese head bolt, M6	4 ea.
PAF107599	Cheese head bolt with multiple-tooth head, M10	6 ea.
95534919121	Plate	3 ea.
N 10629602	Hex flange bolt, M10	1 ea.
N 91228001	Hexagon flange bolt, M14	2 ea.
N 10810701	Internal serration screw, M8	4 ea.
N 91228901	Hexagon-head bolt, M10	2 ea.
N 10272302	Hexagon collar nut, M10	2 ea.
PAF91201301	Combination screw, M14	1 ea.
PAF91114701	Combination screw, M14	2 ea.
ODG500043J	Rear axle differential	1 ea.

⇒ **Damage Code WKJ4 066 000 2**

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2019 Porsche Cars North America, Inc.