

Noise Symptom - Rattling Noises from the Fuel Tank Area: Replacing Fuel Tank with New Type of Fuel Tank (SY 104/20)

Change overview

Version	Date	Change
0	08/07/2020	<ul style="list-style-type: none"> ▪ First publication
1	08/27/2020	<ul style="list-style-type: none"> ▪ Section on cause extended ▪ Video example stored in PCSS ▪ TI modified from Serv. No. 2023 to 2010 - Fuel tank
2	09/03/2021	<ul style="list-style-type: none"> ▪ Part number for fuel tank changed ▪ Information revised
3	01/14/2022	<ul style="list-style-type: none"> ▪ Update of MY
4	04/05/2023	<ul style="list-style-type: none"> ▪ Link to 3D Information added
5	11/14/2025	<ul style="list-style-type: none"> ▪ Update to 'Equipment' section to include 6-cylinder turbo engine, 2.9 l

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

Model Year: **As of 2018**

Country/market: USA (C02)
Canada (C36)

Equipment:

- 6-cylinder turbo engine, 3.0 l
- 6-cylinder turbo engine, 2.9 l

Concerns: **Fuel tank**

Symptom: Rattling noises can be heard from the fuel tank area at idle speed.

Cause: When flushing the activated carbon tank (activating the tank vent valve), the pulsation damper does not dampen sufficiently and tacking noises may occur. The following factors contribute to the fault:

- With transmission range selected, if the brake is actuated slightly at low load
- With activated air conditioning at low level
- Tank vent valve operating with a cycle of 30% or more

Remedial Action: In the event of a customer complaint **and if the problem is clearly present**, replace the fuel tank with a new type of fuel tank, see ⇒ *Workshop Manual '201019 Removing and installing fuel tank'*. For better differentiation of the fault pattern, refer to the 3D Information.

**Information**

The fuel tank with modified seal (Part No. 9Y0201060) must only be installed in the event of a complaint involving the noise described here. Use the standard fuel tank for all other repairs.

3D Information: 2010IN noise symptom - Rattling noises from the fuel tank area information

Required parts

Parts Info:

Part No.	Designation – Point of use	Quantity
9Y0201060B	⇒ Fuel tank	1 piece
N 91205201	⇒ Cheese head bolt with multiple-tooth head – Rear seat	2 pieces
PAF912664	⇒ Hexagon flange bolt – Rear seat	2 pieces
N 91228001	⇒ Hexagon flange bolt – Rear axle	4 pieces
N 91236401	⇒ Hexagon-head bolt – Spring damper rear	2 pieces
N 10106403	⇒ Hexagon collar nut – Spring damper rear	2 pieces
PAF912225	⇒ Hexagon-head bolt – Spring damper rear	4 pieces
9A700758500	⇒ Cylinder screw (I-no. 1KV, 1KR, 1KX) – Brake calliper rear	4 pieces
	or	
N 91183701	⇒ Cheese head bolt (I-no. 1KS, 2EN, 2EL, 2EQ, 2ES) – Brake calliper rear	4 pieces
	or	
N 91252201	⇒ Cylinder screw (I-no. 1KK, 1KI) – Brake calliper rear	4 pieces
N 10772201	⇒ Hose clamp (I-no. T9I, TV8, OK0) – Cardan shaft	1 piece
	or	
PAF10848901	⇒ Hose clamp (I-no. T1M, OK0, OK3) – Cardan shaft	1 piece

95534919121	⇒ Plate – Cardan shaft	3 pieces
PAF107599	⇒ Cheese head bolt with multiple-tooth head – Cardan shaft	6 pieces
PAB25311520	⇒ Seal (I-no. T9I) – Catalytic converter	1 piece
N 91130802	⇒ Hexagon collar nut (I-no. T9I) – Catalytic converter	3 pieces
PAB809857D	⇒ Filler flap module	1 piece

Invoicing

Invoicing: For documentation and invoicing, enter the labor operations, PQIS coding and part numbers specified below in the warranty claim:

APOS	Labor operation	I No.
20105501	Replacing fuel tank	

PQIS coding:

Location (FES5)	20230	Tank vent valve
Damage type (SA4)	2024	rattling

References: ⇒ *Workshop Manual '201019 Removing and installing fuel tank'*

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