Complaint - Coolant Pipe at Front of Cylinder Head Leaking: Installing coolant pipe with toothed ring (68 / 19)

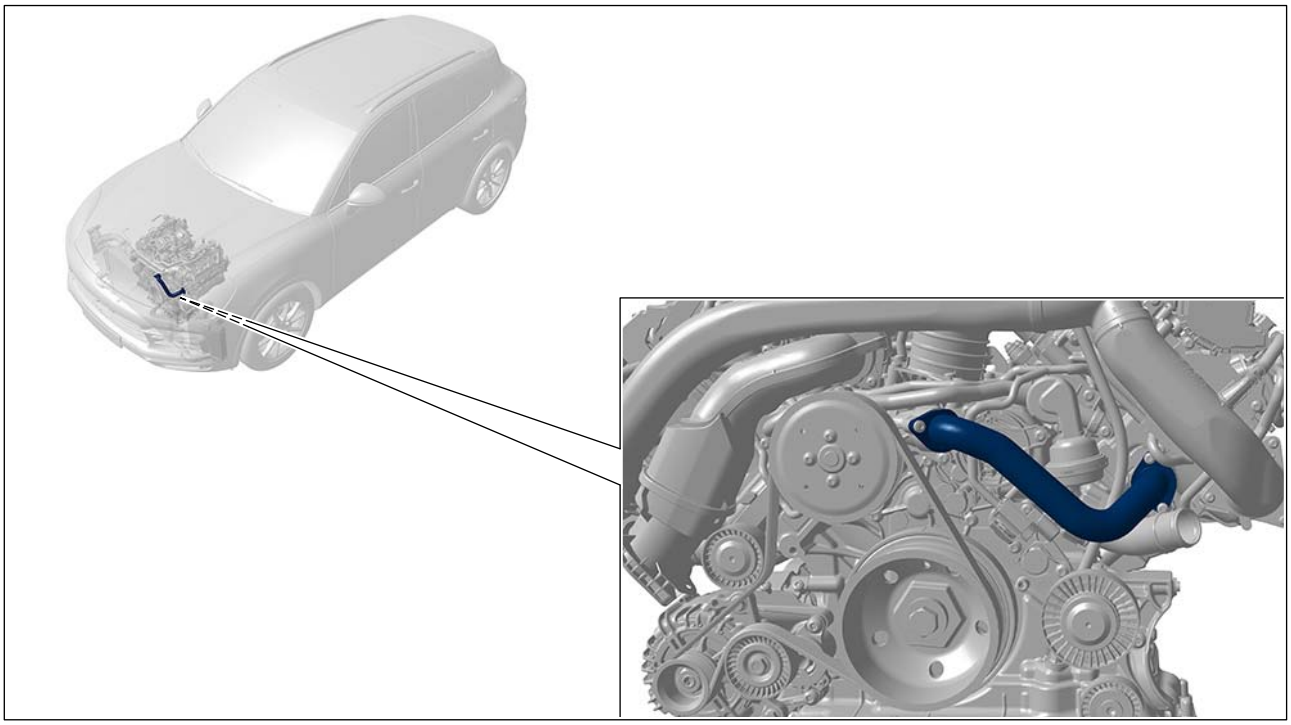
Vehicle Type: **Cayenne (9YA)**

Model Year: **As of 2018**

Equipment: 3.0-liter 6-cylinder gasoline engine (engine code: DCBE)

Subject: **Coolant pipe at front of cylinder head**

Installation Position:



Coolant pipe at front of cylinder head

Information: **Coolant pipe in cylinder head flange area leaking**

Leak

Remedial Action: In the event of a complaint, replace coolant pipe on cylinder head with a modified coolant pipe with toothed ring (Part No. PAC121507).

Preparatory work

Work Procedure: 1 Drain coolant in accordance with instructions in ⇒*Workshop Manual '193817 Draining and filling coolant (high-temperature cooling system)'*.

2 Remove intake-air distributor in accordance with instructions in ⇒*Workshop Manual '244619 Removing and installing intake-air distributor (V6 Turbo)'*.

Replacing coolant pipe on front of cylinder head

WARNING

Hot fluid

- **Danger of scalding**

⇒ **Avoid contact with hot fluid.**

⇒ **Wear personal protective gear.**

Work Procedure: 1 Replace coolant pipe ⇒*Coolant pipe* **-1-** with a new coolant pipe with a toothed ring.

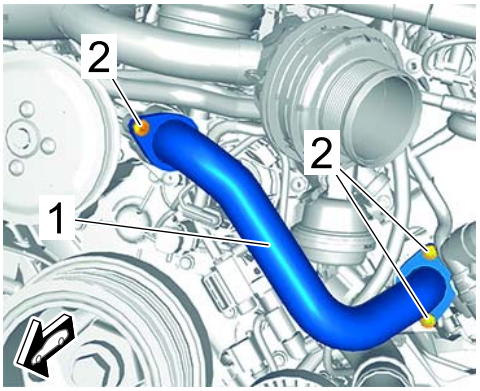
1.1 Unscrew and remove screws ⇒*Coolant pipe* **-2-**.

1.2 Remove coolant pipe.

1.3 Carefully clean sealing faces on the engine.

1.4 **Fit new** seals on the coolant pipe with toothed ring and coat lightly with lubricant.

1.5 Fit coolant pipe with toothed ring and screw in and tighten screws **Tightening torque 9 Nm (6.5 ftlb.)** ⇒*Coolant pipe* **-2-**.



Coolant pipe

Concluding work

Work Procedure: 1 Install intake-air distributor in accordance with instructions in ⇒*Workshop Manual '244619 Removing and installing intake-air distributor (V6 Turbo)'*.

2 Fill in coolant in accordance with instructions in ⇒*Workshop Manual '193817 Draining and filling coolant (high-temperature cooling system)'*.

Invoicing

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

APOS	Labor operation	I No.
51921900	Removing and installing front cover (64 TU)	
19381750	Draining and filling coolant (146 TU)	
19611901	Removing and installing coolant pipe (192 TU)	

PQIS coding:

Location (FES5)	19010	Cooling system
Damage type (SA4)	5014	Coolant leak

Parts Info:

Part No.	Designation	Number / Quantity
PAC121507	Coolant pipe with toothed ring	1 ea.
95813302610	Intake manifold seal	1 ea.
9A713302601	Intake-air distributor seal, center	2 ea. (if required)
PAB13323700	Throttle housing seal	1 ea. (if required)
00004320593	Lubricant for coolant pipe seals	0.05 ea. (= approx. 5 grams)
00004330516	Coolant additive	0.1 ea.(= approx. 2 litres)

References: ⇒ *Workshop Manual '193817 Draining and filling coolant (high-temperature cooling system)'*

⇒ *Workshop Manual '244619 Removing and installing intake-air distributor (V6 Turbo)'*