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WM 212419 Removing and installing intake manifold

Technical values

Location	Description	Type	Basic value	Tolerance 1	Tolerance 2
Intake pipe to turbocharger	Screw-type clamp - always replace	Tightening torque	5.5 Nm (4 ftlb.)		
Intake pipe to air intake	Screw-type clamp	Tightening torque	3 Nm (2 ftlb.)		

Preliminary work

Preliminary work

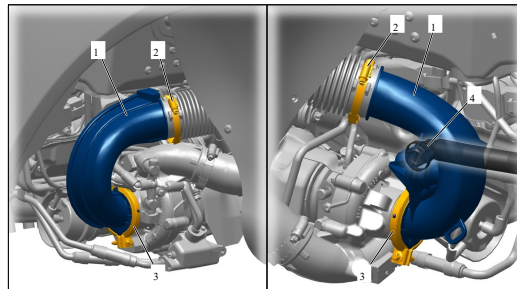
1. Remove rear wheel.

→ 440519 Removing and installing wheel.

Removing intake manifold

Removing intake manifold

Installation overview on turbocharger at the left and right:



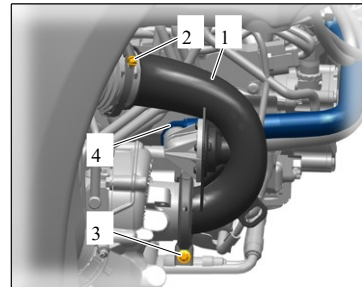
Overview of installation position of intake pipes

- 1 - Intake manifold
- 2 - Upper screw-type clamp
- 3 - Lower screw-type clamp
- 4 - Connection for vent line

1. Loosen screw-type clamps.
 - 1.1. Loosen upper screw-type clamp **-2-** .
 - 1.2. Loosen lower screw-type clamp **-3-** .

The lower screw-type clamp must be replaced!

- 1.3. Also disconnect vent line **-4-** at the right-hand side.



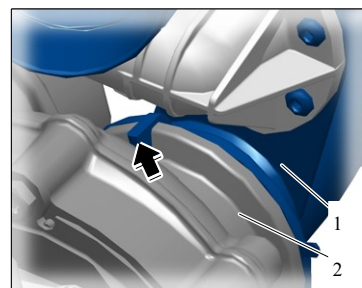
Mounting for intake manifold (view of right side)

2. Disconnect and remove intake manifold **-1-** .
3. Check O-ring on connection to the turbocharger for damage and replace it if necessary.

Installing intake manifold

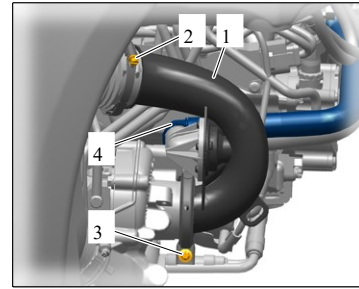
Installing intake manifold

1. Insert intake manifold.
 - 1.1. Fit intake manifold **-1-** on turbocharger **-2-** and air intake.
 - 1.2. **Be careful of the groove -arrow- on the turbocharger!**



Positioning groove on turbocharger

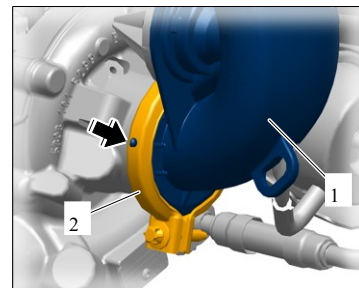
2. Connect vent line **-4-** at the right-hand side.



Mounting for intake manifold (view of right side)

3. Install new screw-type clamp **-2-** at the bottom.
 - 3.1. **Make sure that it is installed at the correct position! Position bore of the clamp on the fixing nipple -arrow- .**
 - 3.2. Tighten screw-type clamp.

[Tightening torque 5.5 Nm \(4 ftlb.\)](#)



Installation position of lower screw-type clamp on intake manifold

4. Align and tighten upper screw-type clamp.

[Tightening torque 3 Nm \(2 ftlb.\)](#)

Subsequent work

Subsequent work

1. Fit rear wheel.

→ [440519 Removing and installing wheel.](#)

991110, 991111, 991120, 991121, 991140, 991141, 991310, 991311, 991320, 991321, 991340, 991341, 991410, 991411, 991420, 991421, 991440, 991441, 991510, 991511, 991520, 991521, 991540, 991541, 991610, 991611, 991620, 991621, 991640, 991641

Model year as of 2017

C00, C02, C05, C06, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C41, C45, C45, C46, C96, C97, C98, C99