

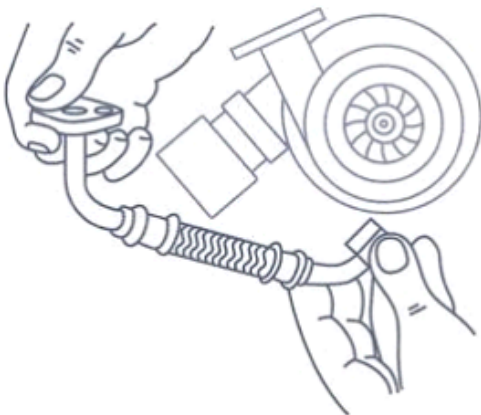
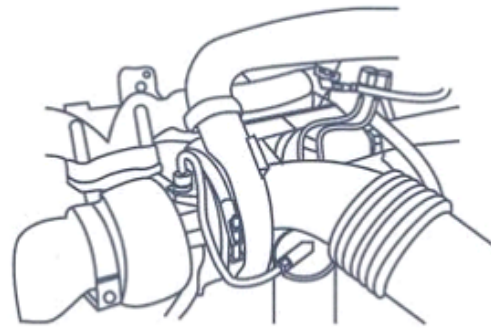
Turbocharger Fitting Instructions

! ATTENTION! !

Please adhere to the fitting instructions. Damage resulting from improper installation of the product is not covered by the warranty.

Step 1

Check the air intake system, including the manifold, to ensure it is clean and free of foreign objects, and that all hoses/pipes are undamaged. Replace the filters.



Step 2

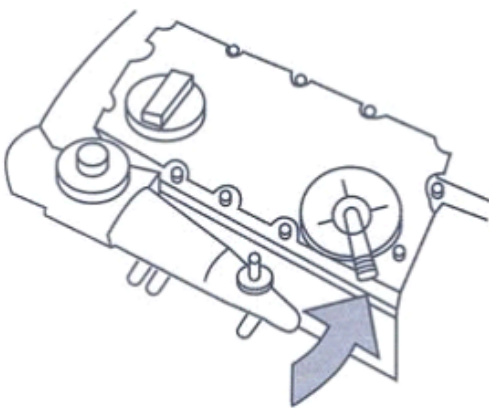
Check that:

- the oil feed and drain lines are clean, free of kinks, and without external or internal cracks,
- the lines are clear/unobstructed and free of carbon and deposits inside,
- the oil feed line is not too close to a heat source and that the heat shield is not thermally or mechanically damaged.

Clean or replace the lines with new ones if necessary. In the case of flexible hoses, check if they are damaged internally.

Step 3

Change the oil and filter, observing the vehicle manufacturer's recommendations.

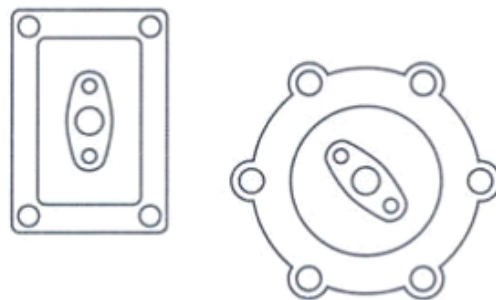


Step 4

Check the engine breather system (crankcase ventilation) - it must be clean and fully functional.

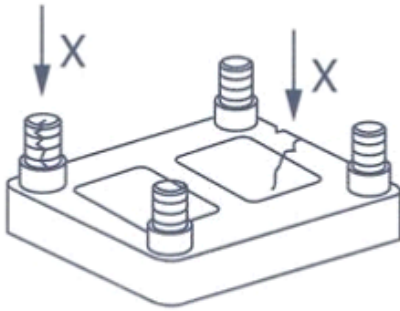
Step 5

Remove damaged gaskets and use new ones for fitting (blow-by/leaks can cause the turbocharger to operate loudly). Do not use silicone sealant when fitting gaskets.



Step 6

Check the condition of the exhaust manifold (mating surfaces, contaminants, cracks) and the fastening bolts.



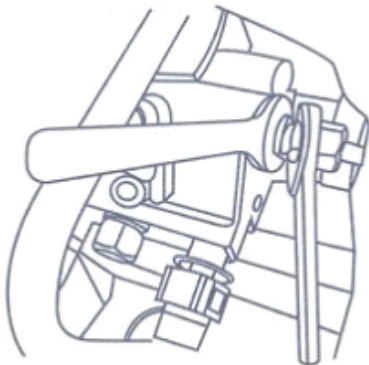
Step 7

Adjust the housing orientation. Ensure that all gaskets are in the correct position and tighten all fastenings to the appropriate torque setting.



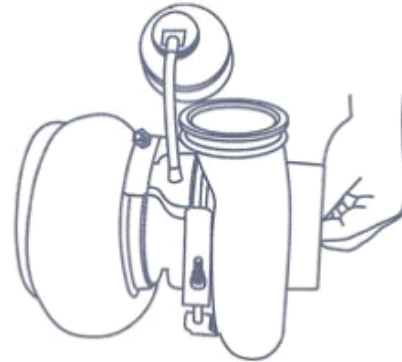
Step 8

Using screws of the correct, high-temperature-resistant specification, attach the turbocharger to the manifold or engine block. Ensure that the installation is carried out without creating stress on the turbocharger or the connected lines/hoses. Tighten all bolts and nuts according to the torque values provided in the vehicle manual.



Step 9

Connect the oil drain line and fill the oil inlet hole with clean engine oil, while slowly rotating the rotor manually.



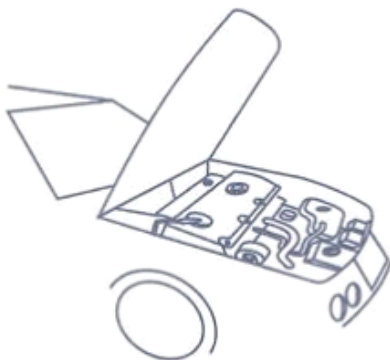
Step 10

Connect the remaining components to the turbocharger.



Step 11

If possible, rotate the engine crankshaft for 10-15 seconds without starting the engine, or run the engine for a few seconds, to fully prime the oil lines and the turbocharger itself, and to bleed the air.

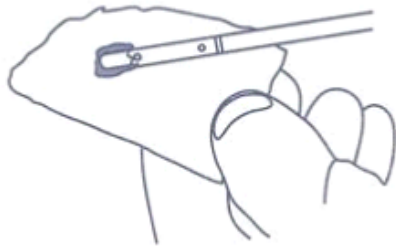


Step 12

Start the engine and leave it running at idle without increasing the RPMs.

Step 13

Check that all installation connections (air, oil, exhaust gases) are sealed and free of leaks and blow-by.



Step 14

Switch off the engine and check the oil level again.