

Issue No. 9/2013:

Lack of performance or whistling noises after a turbocharger replacement? The truth is in the gasket.

If you experience power loss or whistling noises immediately after replacing a turbocharger, the new part often comes under suspicion first. The real culprit, however, is often elsewhere.

In many applications the exhaust manifold gasket can accidentally be installed incorrectly. Because the gasket no longer correctly seals the outlet of the manifold, leaks occur—and thus the noises described above. The exhaust flow rate can also be reduced as the opening is smaller, which prevents the turbocharger from providing full power. This does not necessarily coincide with the whistling noise mentioned previously.

THEREFORE, OUR ADVICE IS: MAKE SURE THE GASKET IS FITTED CORRECTLY EVERY TIME THE TURBOCHARGER IS REPLACED.

This applies especially to the following models where installation errors occur frequently:

021TC15195000; 021TC16195000; 030TC14005000;
030TC14115000; 030TC14233000; 030TC15116000;
030TC15387000; 030TC15719000; 030TC17344000;
030TC17345000; 030TC17349000; 030TC17430000;
030TC18662000

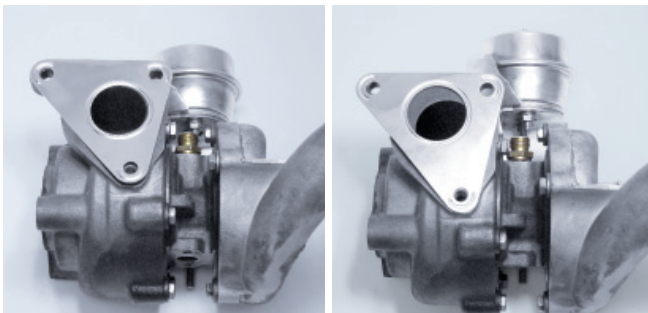


Figure 1: Example for 021TC15195000: The gasket left is installed correctly; the right one is the wrong



Figure 2: Example for 030TC15116000:
Red oval: incorrect position; green oval: correct position