

A close-up photograph of a radiator, showing its top surface with various ports and a fan shroud.

How to exchange a cooler in proper form

Before a new engine or heating cooler is installed, the cooling system should be cleaned to remove corrosion, alien elements and other pollutions.

The new cooler is to be installed into a clean cooling system; the anticorrosive character of the new cooling liquid ensures a maximum life time.

1. Remove drain screw for the cooling liquid (mostly back of the engine or at the lowest place) and let out the old liquid. In this low place most of the alien elements are collected. Fasten drain screw again.
2. Loosen as many water hoses as possible so that all corrosive materials which are in tubes, connecting flanges or in the engine block, can be removed. Reconnect the water hoses.
3. Fill the cooling system with water and add cleaning liquid.
4. Ensure in stand that the vehicle has operating temperature.
5. Loosen lid of the compensation container (hot water under pressure) and let out the cooling water completely (remove drain screw again).
6. Scour out engine and cooler with clean water thoroughly. Scour out every connection until the outcoming water is clean. Clean thoroughly, the retarded deposits could soil the new radiator.
7. Connect the radiator hoses at the radiator. Maybe the hose clips must be replaced because they have got fragile after the remove.
8. Mount drain screw again into the engine block and fill in 50% antifreeze into the cooling system according to manufacturer's recommendation.

For the cleaning of the cooling system only products of well-known manufacturers should be used. Please consider their frost protection rules.

If you do not hold on to this installation guidelines we do not take on any guarantee.

