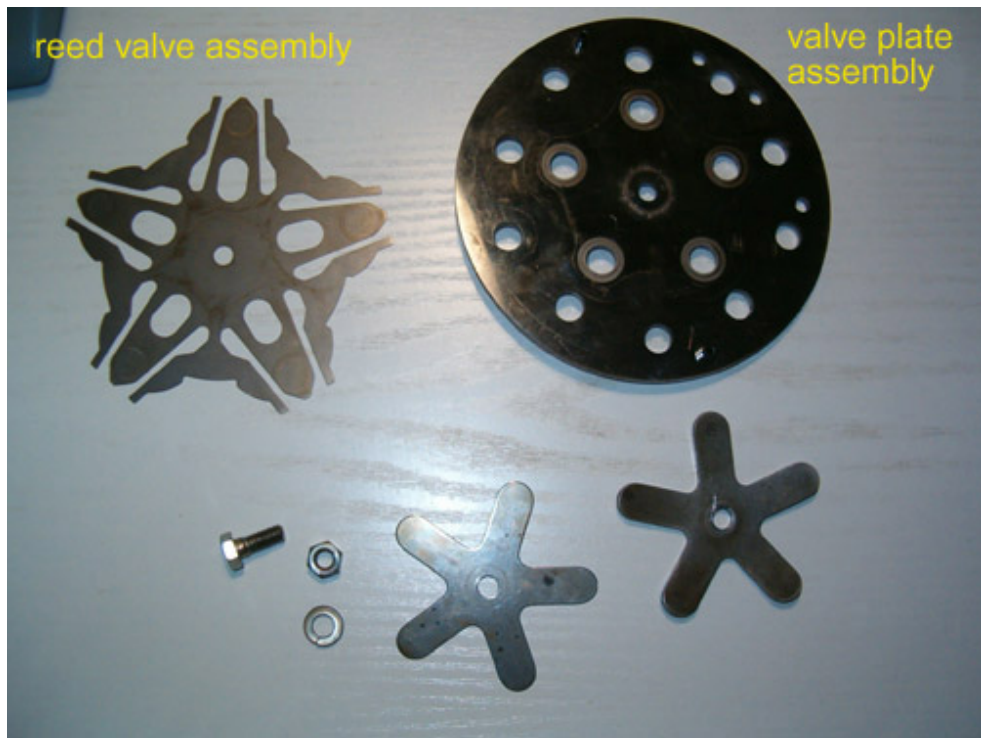


Compressor Assembly - Rear Part

We will now deal with the rear part of the compressor. Here actually freon is turned from low pressure in to high pressure and temperature gas. It is very important to work on a clean environment free of dust and of course very good cleaning of each part should not be overlooked.



Valve plate and reed valve assembly all disassembled and thoroughly cleaned ...

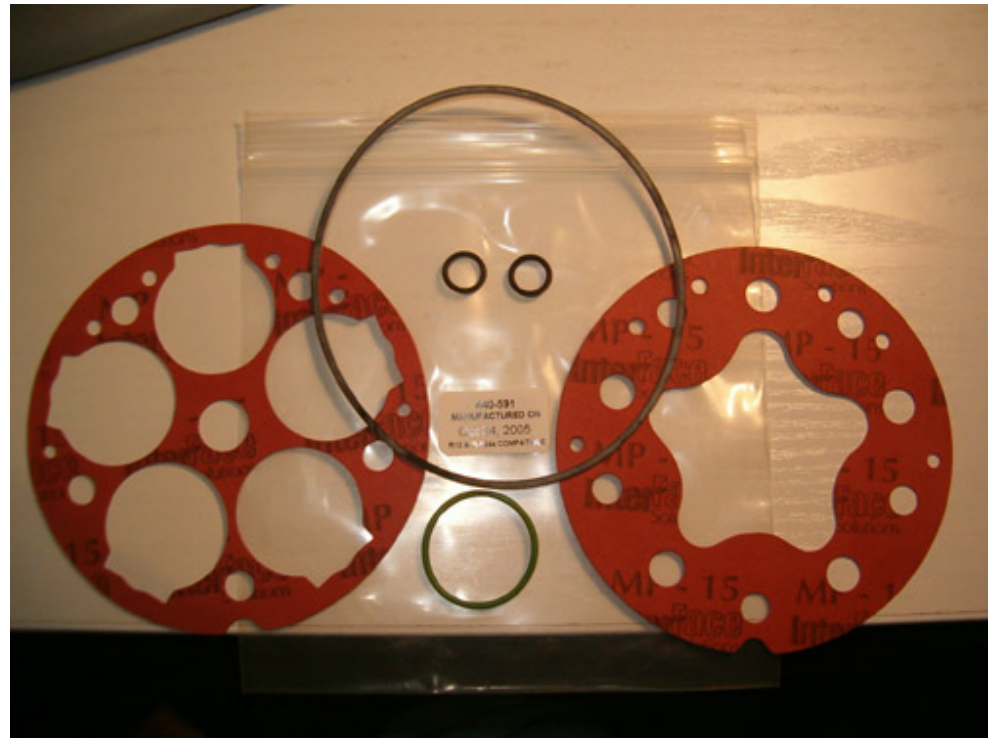
... and put together



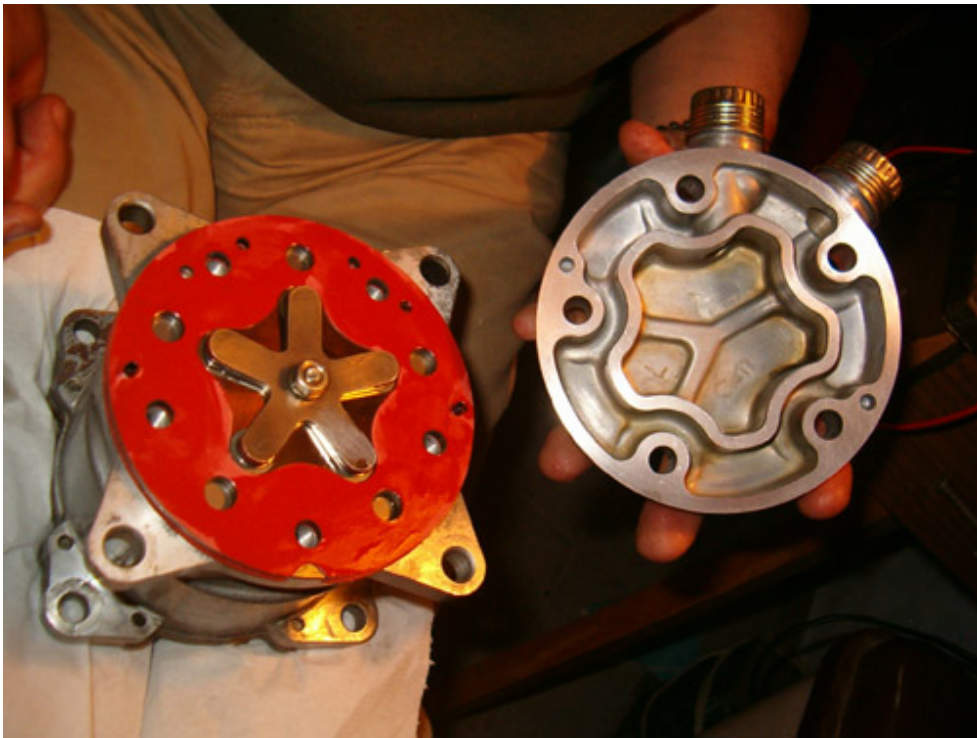
Cylinder head shiny like new



Be sure to clean the threads of compressor ports since we don't any leaks from here.



New gaskets for valve plate, cylinder head (orange color), large diameter black gasket for the front part and black small diameter O-rings for the oil plug



Apply some drops of clean refrigerant oil to the gaskets. Notice the port protection caps on the left photo; it is wise to fit those at the ports since we don't want any foreign material to enter the compressor internal ...



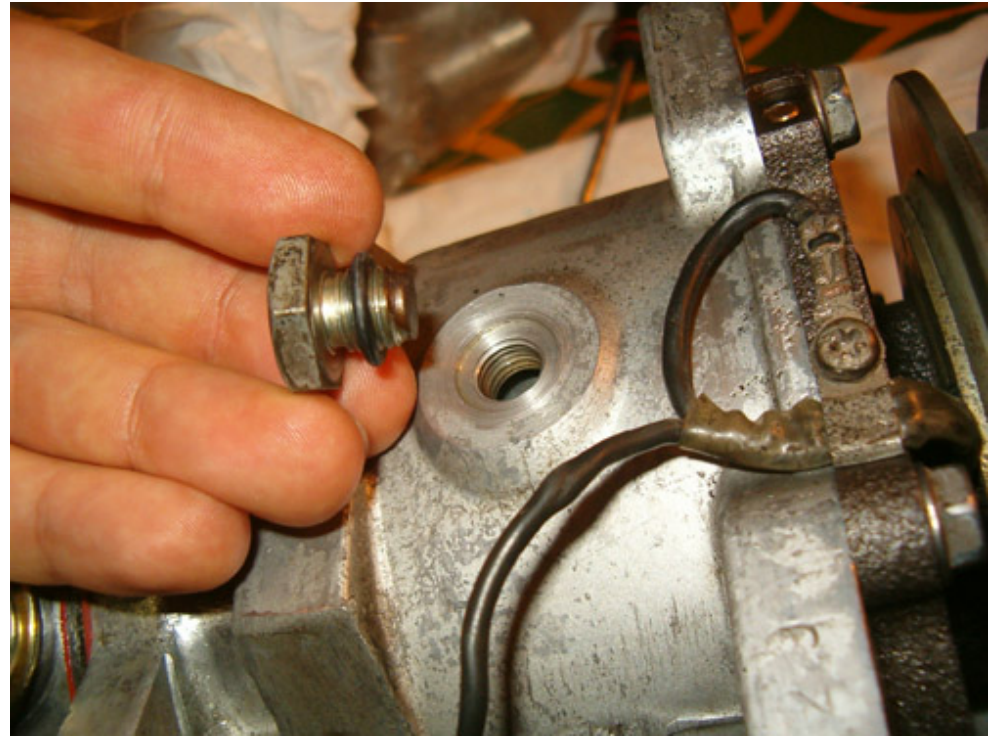
and torque the bolts at 34.3 ± 4.9 Nm



Measure 8 oz of oil ...



... and using a suitable funnel, pour it slowly to compressor body



Once you have added oil recover oil drain plug. Be sure to use new O-ring found at the gasket repair kit



This is ester oil for use with R134a used above.

Let's move on installation on the vehicle