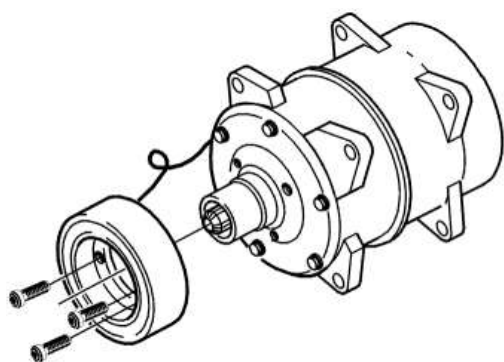


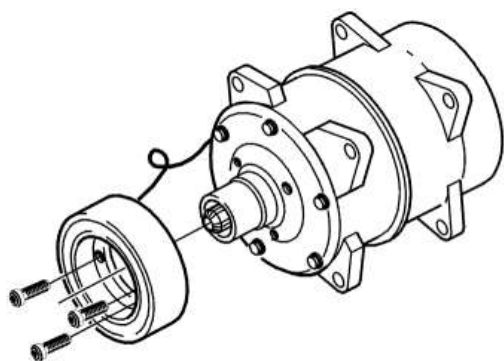
Removing the solenoid coil

Remove the magnet coil.



Installation Installing the solenoid coil

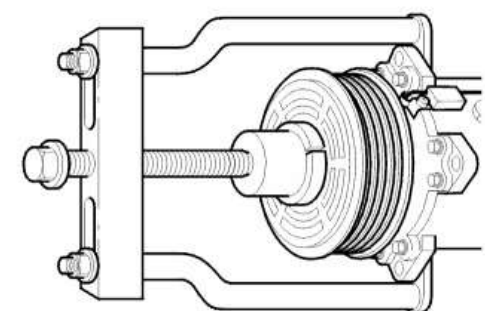
Install the screws, 3 pcs. for the new solenoid coil. Tighten with 5 Nm.



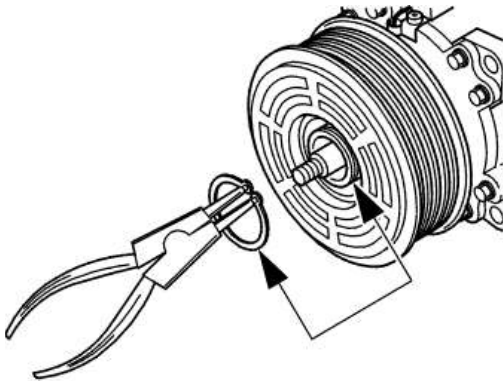
Installing the pulley

Install the new pulley with a puller: 999 5598 and sleeve: 999 5600 .

Note! Install the tools behind the AC-compressor brackets.



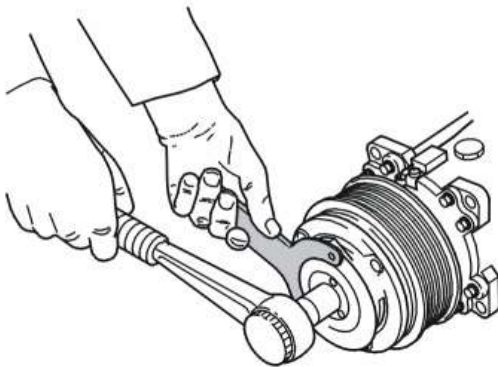
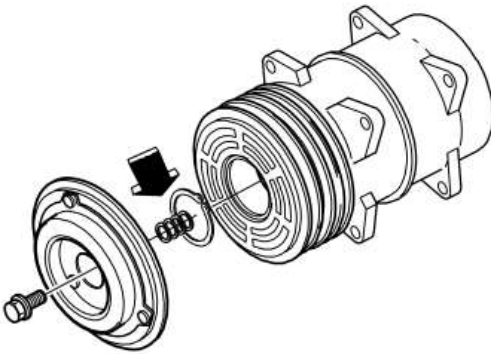
Installing the snap ring



Install the lock ring.

Installing the drive plate

Install the shims.



Install:

- the drive plate
- the screw, 1 pc., using a counterhold: 999 7193 and tighten with 13 Nm.

Checking the clearance

Check the clearance between the turning plate and the pulley using a feeler gauge.

The clearance shall be 0.3-0.5 mm.

0.3 mm clearance all the way round

0.6 mm shall not go in anywhere.

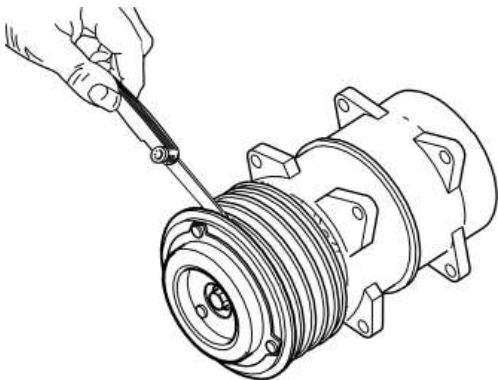
If the clearance is not within given values, replace shims.

The following dimensions are available:

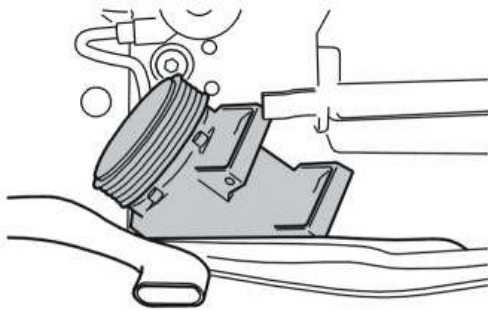
0.2 mm

0.3 mm

1.0 mm.



Installing the air conditioning (A/C) compressor



If necessary, top up with oil in the AC-compressor. See: Oil air conditioning (A/C) system, filling .

Hold aside the cable channel and install the AC-compressor by inserting it between the sub-frame and body.

Install the screws, 4 pcs. M8, for the AC-compressor and tighten.

Note! Always use new O-rings lubricated with compressor oil.

Install:

- AC-compressor's low and high pressure hoses. On certain vehicle models, it may be easier to install and tighten the screws from above
- the magnetic clutch connector.



Install the cable channel on the sub-frame and bolt it down.

On certain versions the air channel is installed on the control module box and then on the sub-frame.

Installing the auxiliaries belt

MY 1999-2000:

Install the auxiliaries belt on the AC-compressor, see: Auxiliaries belt / belt tensioner, replacing .

MY 2001-2004

Install the auxiliaries belt on the AC-compressor, see: Auxiliaries belt / belt tensioner, replacing .

MY 2005-

Install the auxiliaries

belt on the AC-compressor, see:
 Auxiliaries belt / belt tensioner, replacing
 Auxiliaries belt / belt tensioner, replacing .

Installing the battery negative cable

Fit the battery's negative cable in accordance with:
 Battery, disconnecting .

Refrigerant and leak detection

Vacuum pump side.
 See: .

Fill the system with refrigerant. See:
 Refrigerant, filling .

Check the system for leaks: Leak tracing, fluorescent tracing agent / UV lamp or according to: Leak tracing, fluorescent tracing agent / UV lamp .

Installing the splash guard

Install:

- the catches in the protective cover's front edge and press forward
- the screws, 2 pcs., for the front protective cover.



Finishing

Installing the splash guard

Install:

- the protective cover under the engine
- the 7 screws, and tighten.

Lower the vehicle.

PRINT