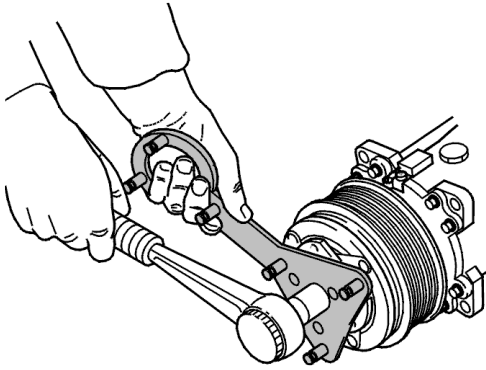


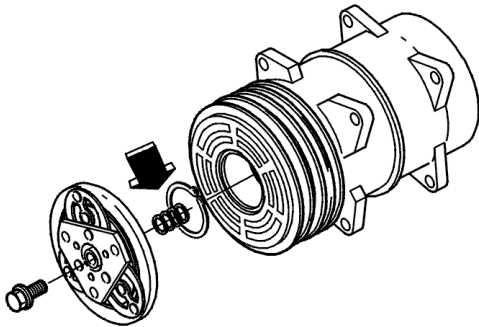
Replacing the magnetic clutch compressor

Removing the magnetic clutch

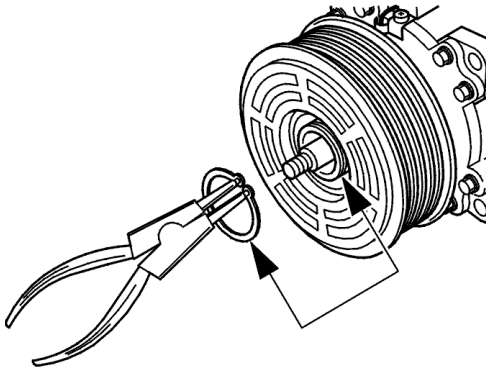
- Slacken off the screw for the clutch plate.
Use counterhold [9995596](#) .



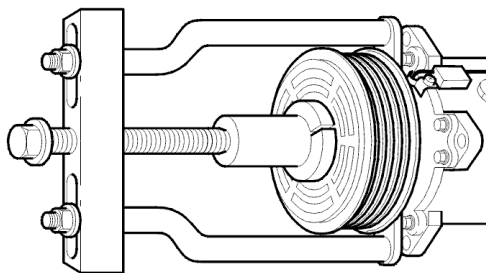
- Remove the clutch plate. Use puller [9995597](#)
- Keep the shims.



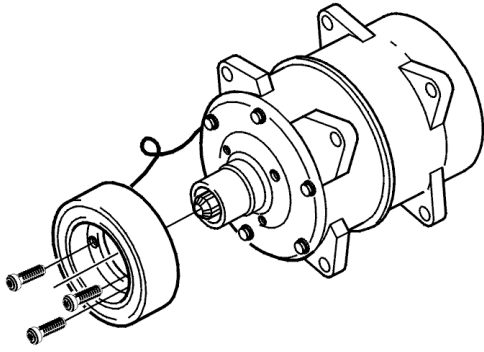
- Remove the snap ring.



- Pull off the pulley. Use puller [999 5598](#) and socket [999 5599](#) .

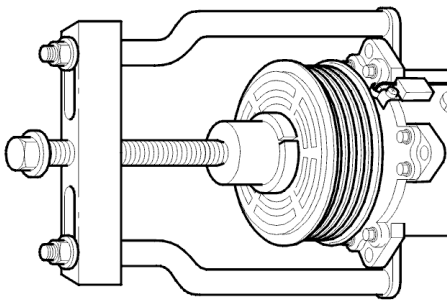
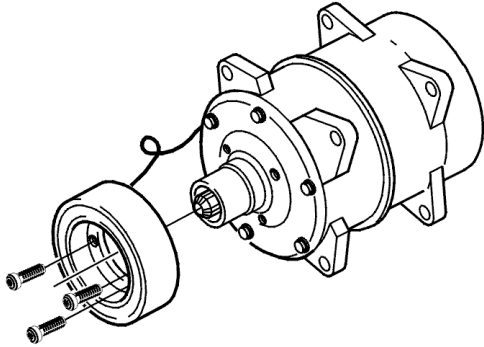


- Remove the magnet coil.

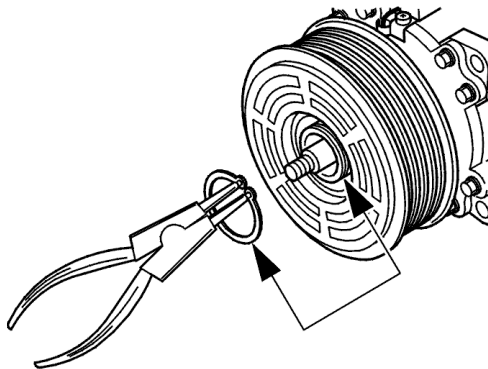


Installing the magnetic clutch

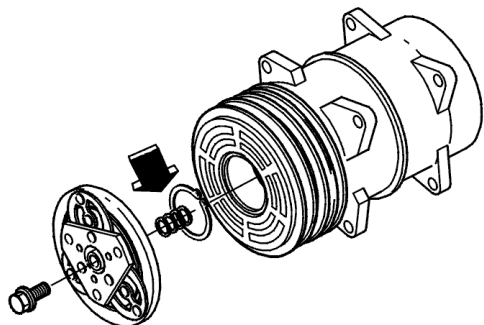
- Install a new magnet coil. Tighten to: **5 Nm**.



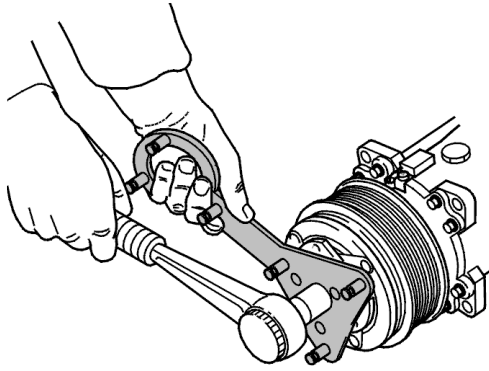
- Install a new pulley. Use puller [999 5598](#) and socket [999 5600](#)
- **Note!** Position the tools behind the compressor mountings.



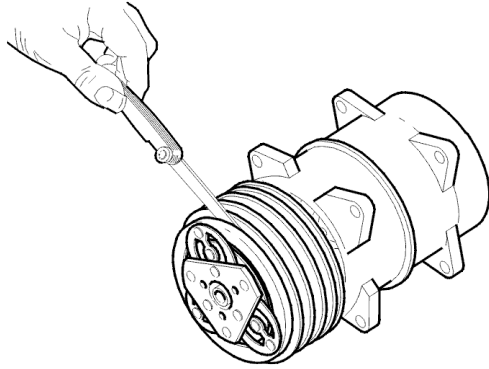
- Install the snap ring.



- Install the shims.



- Install the clutch plate. Tighten the screw. Use counterhold **999 5596** . Tighten to: **13Nm**.



Checking the clearance

- Check the clearance between the clutch plate and the pulley using feeler gauge:
- The clearance must be 0.3–0.5 mm
- 0.3 mm clearance all the way round
- 0.6 mm clearance must not be found at any point.
- Replace the shims if the clearance is not between the given values. The following dimensions are available:
- 0.2 mm
- 0.3 mm
- 1.0 mm.

Carry out finishing work. See **Finishing** .