



Ford Ka, Puma with gasoline engine, Escort 91-95, Mondeo 93-97 Galaxy with DOHC engine, Scorpio 95 Only vehicles with A/C

Failure of the A/C

If noises from the A/C compressor, or the failure of the A/C are noticed, a damaged friction plate, or a defective magnetic coil ring could be the reason for this. Due to this the magnet coil ring doesn't attract and it causes the above mentioned faults.

In this case the magnet coil ring and if necessary the complete magnetic clutch must be replaced.

- Recover the refrigerant from the A/C.
- Remove the A/C compressor
- Remove the screw of the friction plate. Secure the compressor with a hand dolly or a suitable tool against distortion, (Fig. 1) e.g. with the compressor service set „Basic“ 8 PE 351 217-801.
- Remove the retaining ring (Fig. 2).
- Dismantle the spacer ring..
- Remove the magnet coil ring from the compressor (Fig. 3).
- Press the new magnet coil ring with a suitable thrust plate onto the compressor. Pay attention, that the coil ring isn't pressed crookedly onto the compressor.
- Re- assemble the pulley and fasten the circlip again.
- Re- assemble the friction plate.
- Pay attention to the gap dimension between the pulley and the friction plate (Fig. 4). If necessary the gap dimension must be adjusted with help of a spacer ring.
- Install the compressor again.



Fig. 1



Fig. 2



Fig. 3



- Replace the dryer if necessary, evacuate and recharge the A/C to manufacture specifications.
- Check the system for function and leak tightness.

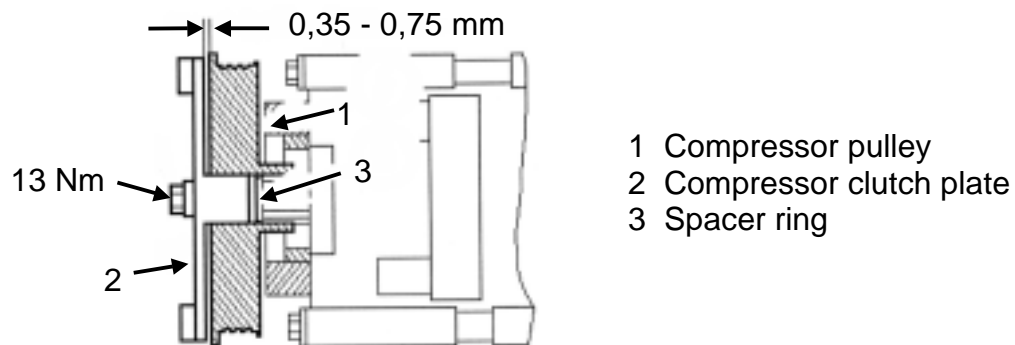


Fig. 4