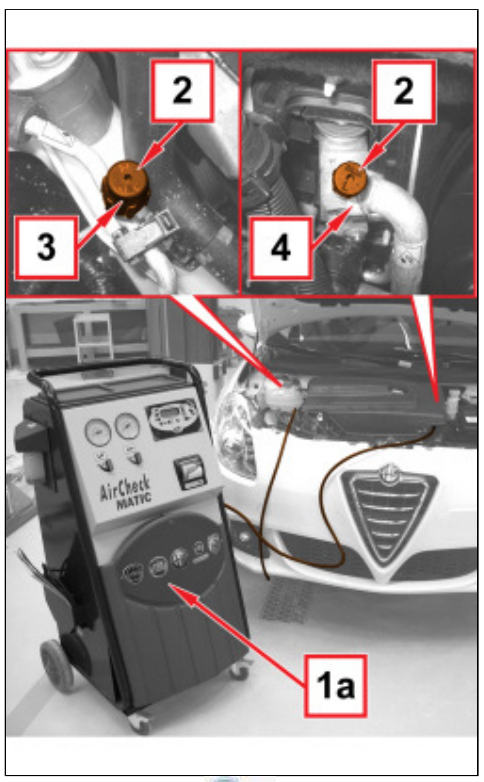
back toGEAR INPUT SHAFT SEALS - R R

Follow the prescribed safety instructions (5040 - Introduction).

Op. 5040 AIR CONDITIONING CASING AND COMPONENTS

1. Use the special draining/vacuum and repressurising station.



- Let the engine run with the air conditioning on for 10 - 15 minutes.

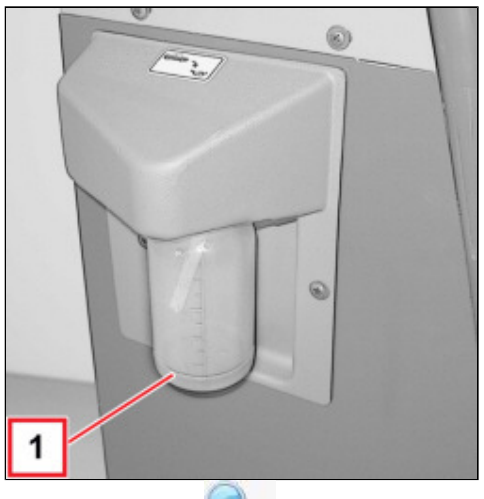
1. Depending on the vehicle engine type, remove/move any parts that hinder disconnecting the air conditioning system pipes from the station (1a) to the corresponding repressurizing valves (3a) and (4a) of the air conditioning system.

2. Undo the repressurizing valve caps.

3. Connect the high pressure connecting pipe (HIGH) to the corresponding quick coupling valve.

4. Connect the low pressure connecting pipe (LOW) to the corresponding quick coupling valve.

To improve safety the quick connectors for the equipment connecting pipes have different diameters: the low pressure side is larger, whilst the high pressure side is smaller.



- Start the procedure for draining the coolant fluid, following the instructions in the equipment manual.

1. Whilst draining the system the compressor fluid that comes out collects in a special container.

Oil is extremely hygroscopic: avoid leaving the containers open.

- Refill the system with the same amount of fluid as prescribed on the container.

Component	Type	Description	Classification	Q.ty	Validity
Climate control compressor	Oil	RL-897	-	-	1750 Turbo Petrol

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Climate control compressor	Oil	RL-897	-	-	1750 Turbo Petrol

- If some of the components are being replaced, the following amount of fluid must be added for each of the replaced components:

- Pipes, 5 cm3/m

- Evaporator, 40 cm3,

- Condenser with built-in filter, 50 cm3.

- If there are accidental breaks that cause the rapid draining of the system (in less than 5 minutes), then the exact amount of fluid that comes out cannot be determined because the high pressure may cause seepage. Add the following recommended amount of fluid: 50 cm3.

- Start the procedure for repressurizing the refrigerant fluid, following the instructions in the equipment manual.

- Add the prescribed quantity of coolant.

Component	Type	Description	Classification	Q.ty	Validity
Air conditioning circuit	Coolant fluid (kg)	R134a	-	0.450 ± 0.020	1750 Turbo Petrol

- In the case of damage to the compressor or other system components or following prolonged exposure of the pipes to the air (more than 6 hours) the WASHING procedure must be carried out as follows.

- Clean the pipes connected to the compressor using a jet of air.

Use filtered air to prevent the introduction of foreign bodies into the system.

- Connect the (drained) system to the repressurising station.

- Introduce the prescribed quantity of coolant at the high pressure side.

- Collect the coolant on the low pressure side.

- Repeat the introduction and collection of fluid.

- Proceed with draining and repressurising the system as illustrated previously.

If the system is WASHED the entire quantity of compressor fluid in the system will be removed.

- Refill the system with the prescribed amount of oil.

Component	Type	Description	Classification	Q.ty	Validity
Air conditioning circuit	Oil (cc)	RL-897	-	130	1750 Turbo Petrol
Component	Type	Description	Classification	Q.ty	Validity
Air conditioning circuit	Oil (cc)	RL-897	-	130	1750 Turbo Petrol