

DEHYDRATOR RESERVOIR: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required

refrigerant charging station

WARNING



■ To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- [\(see 62A, Air conditioning, Air conditioning: Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .



CAUTION

To prevent moisture from entering the system, place plugs on the cold loop components which are open to the air.



CAUTION

In order to avoid any refrigerant leaks, do not damage (deform, twist, etc.) the pipe.

Locations and specifications (tightening torques, parts to always be replaced, etc.) [\(see 62A, Air conditioning, Passenger compartment cooling assembly: Exploded view\)](#) .

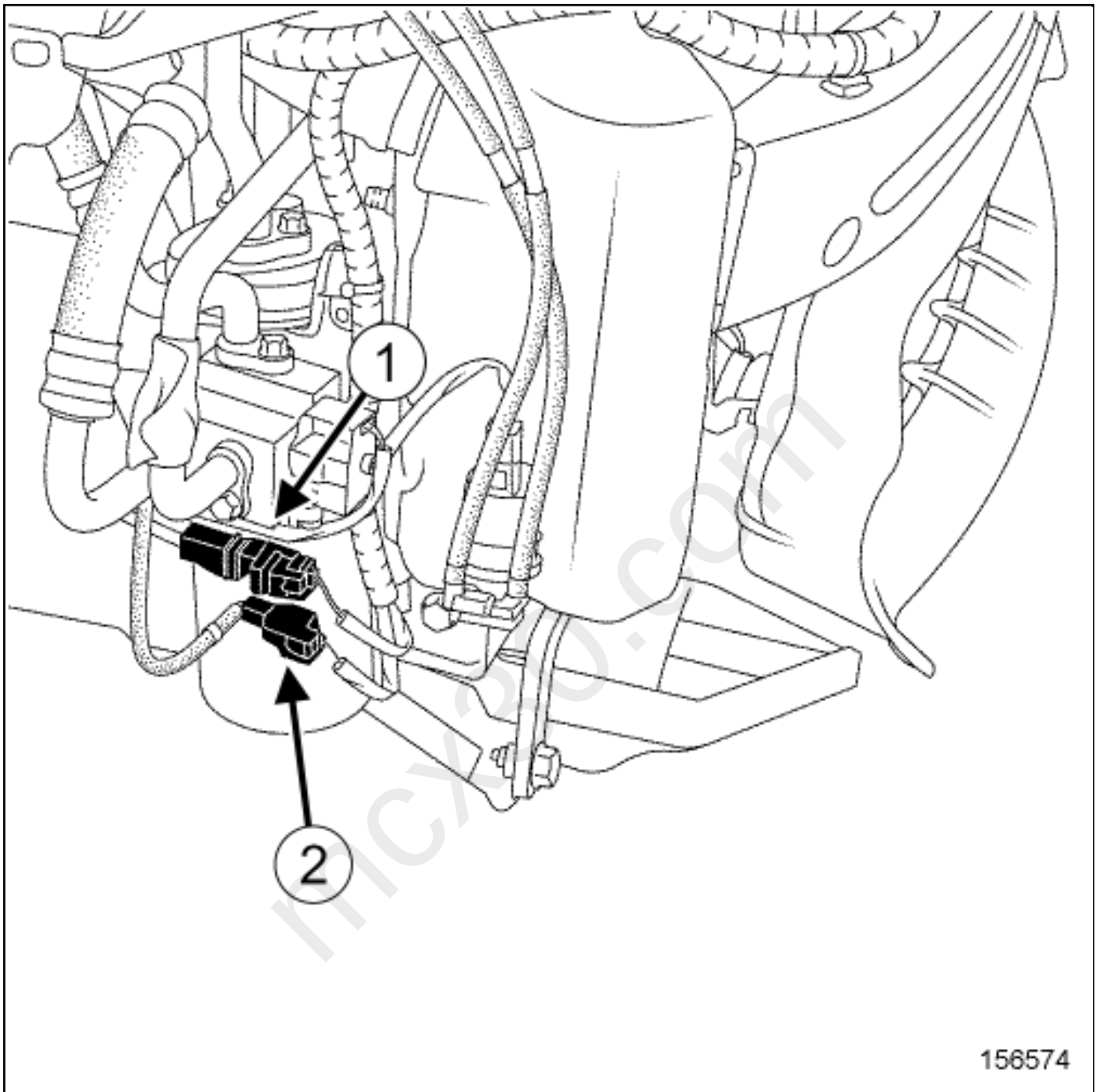
REMOVAL

1. REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .
- Drain the refrigerant circuit using the refrigerant charging station [\(see 62A, Air conditioning, Refrigerant circuit: Draining - Filling\)](#) .

 Remove:

- the front wheels [Front hub carrier assembly: Exploded view](#) ,
- the front section of the front wheel arch liners [Exterior body front trim assembly: Exploded view](#) ,
- the front bumper [Front bumper assembly: Exploded view](#) .



 Unclip:

- the air conditioning solenoid valve wiring,
- the temperature sensor on the "condenser - intermediate pipe" connecting pipe connector.

 Disconnect:

- the air conditioning solenoid valve connector(1) ,
- the temperature sensor on the "condenser - intermediate" pipe connecting pipe connector(2) .

2. REMOVAL OPERATION

- Remove [\(see 62A, Air conditioning, Passenger compartment cooling assembly: Exploded view\)](#) :
 - the "dehydrator reservoir - compressor" connecting pipe nut from the dehydrator reservoir,
 - the "dehydrator reservoir - expansion valve" connecting pipe bolt from the dehydrator reservoir,
 - the "condenser - intermediate pipe" connecting pipe bolt from the air conditioning solenoid valve,
 - the "dehydrator reservoir - expansion valve" connecting pipe bolt from the air conditioning solenoid valve,
 - the "dehydrator reservoir - intermediate pipe" connecting pipe bolt from the air conditioning solenoid valve,
 - the "dehydrator reservoir - air conditioning solenoid valve" support bolts,
 - the "dehydrator reservoir - air conditioning solenoid valve" .
- Mark the position of the dehydrator reservoir.
- Remove the dehydrator reservoir support bolts.
- Move the the dehydrator reservoir support.
- Remove the dehydrator reservoir.

REFITTING

1. REFITTING PREPARATION OPERATION



CAUTION

Do not remove the blanking plugs from each component until the last moment.

Also, do not remove the components from their packaging until they are to be fitted to the vehicle.



CAUTION

To avoid any leaks, check that the seal and the pipe surface are in good condition. The seal and the surface must be clean and scratch free.

- Clean the seals of the refrigerant circuit pipes [\(see 62A, Air conditioning, Refrigerant circuit pipe seal: Cleaning\)](#) .

2. REFITTING OPERATION

- Proceed in the reverse order to removal.
- Perform the following operations:
 - refill the refrigerant circuit using the refrigerant charging station([see 62A, Air conditioning, Refrigerant circuit: Draining - Filling](#)) ,
 - check for leaks([see 62A, Air conditioning, Refrigerant circuit: Check](#)) .
- Check the air conditioning system is operating correctly([see 62A, Air conditioning, Air conditioning: Check](#))



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