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SERVICE

**S-TYPE**

Date

**04/2001**

**S412-02**

## TECHNICAL BULLETIN

Subject

AIR CONDITIONING SYSTEM REFRIGERANT  
CIRCUIT LEAK REPORTING

Model S-TYPE

Year All

VIN

### 412-Air Conditioning

#### ISSUE: S412-02 - AIR CONDITIONING SYSTEM REFRIGERANT CIRCUIT LEAK REPORTING

This Technical Bulletin has been issued to supply information when making Warranty Claims against the Air Conditioning (A/C) system refrigeration circuit.

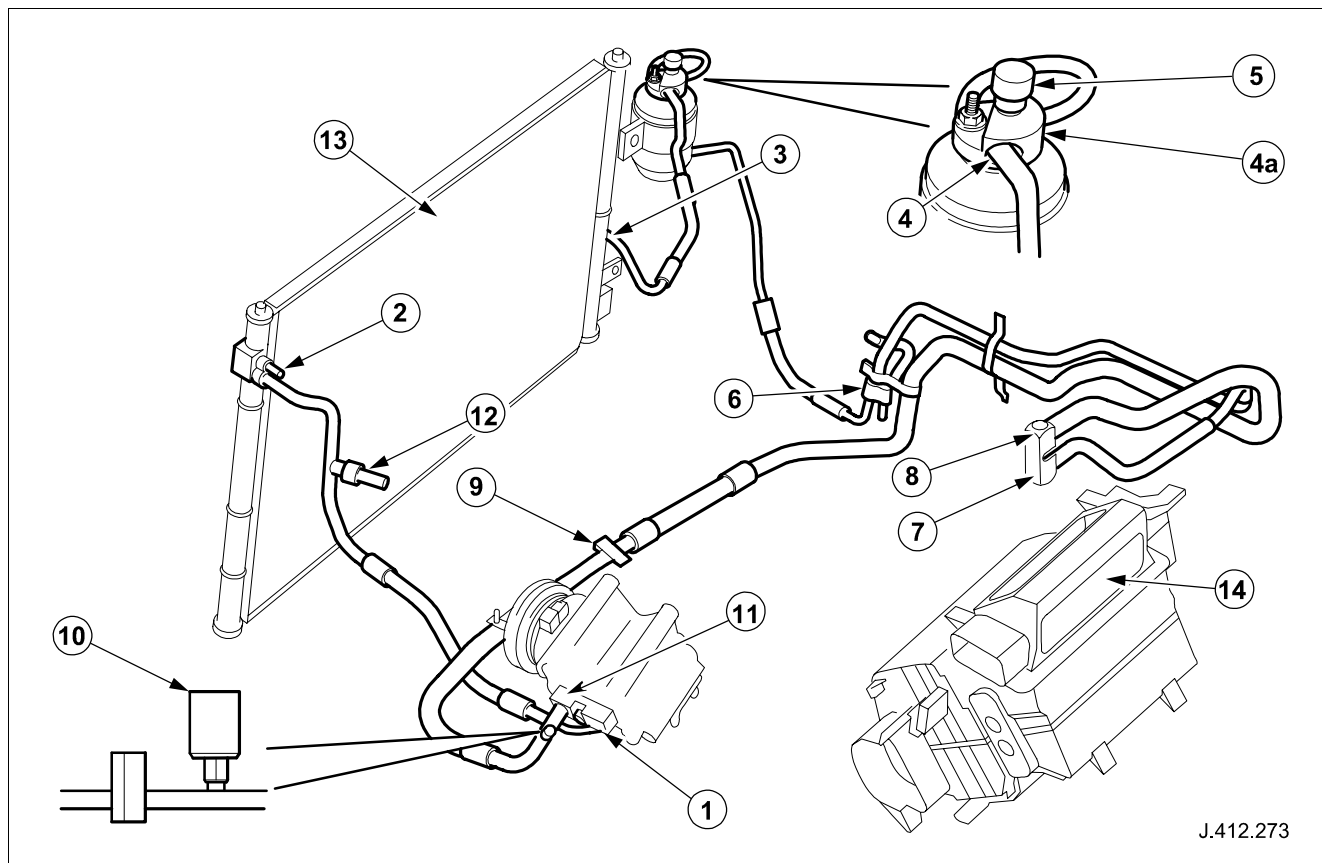
It has been found that when Dealers make Warranty Claims or simply report an A/C refrigerant circuit leak, the area of the leak is misunderstood, causing problems in finding the root cause of the concern.

#### ACTION

In the future, when Dealers are making a Warranty Claim or report a leak in the A/C system refrigerant circuit, they should identify the area of the leak using the following illustrations. The area number should be incorporated in the Warranty Claim form under the section entitled 'Technicians Comments'.

Giving the joints and charge ports an identification number enables the location of leaks to be clearly identified and will assist later fault analysis into root causes, subsequently leading to remedial action to prevent leaks occurring.

**The following information illustrates the area of the leak with an identification number:**

**S-TYPE Series vehicles:****Fig. 1**

JOINT NUMBER	DESCRIPTION
1	Compressor outlet
2	Condenser inlet
3	Condenser outlet
4	Receiver drier inlet
4a	Receiver drier outlet
5	High side charge port
6	Liquid line joint
7	Evaporator inlet
8	Evaporator outlet
9	Suction hose quick fit connection
10	Low side charge port
11	Compressor inlet
12	Pressure transducer
13	Condenser
14	Evaporator (in A/C unit)

This Technical Bulletin is for information only.