

# TECHNICAL BULLETIN



## Receiver/Drier – A/C System Servicing – Preventing Entry of Moisture

**82-50**

MODEL 1988-94 MY Sedan Range  
XJS Range

DATE 1/97

### ISSUE:

It is not necessary to replace the receiver/drier assembly whenever the refrigeration circuit is opened, provided that the guidelines in this bulletin are followed.

The connections of any refrigeration circuit components must be plugged whenever the circuit is disturbed for servicing, or when replacing components, in order to prevent contamination of the circuit by the entry of moisture and foreign material. This requirement not only applies to on-vehicle components but also to components being returned under warranty. The investigation of returned components is often compromised by contamination of their interiors before they are received by Jaguar Cars.

### ACTION:

#### RECEIVER/DRIER ASSEMBLY

To avoid unnecessary replacement of the receiver/drier, follow these guidelines:

- Install plugs or caps on component and refrigerant line connections immediately after disconnection.
- Remove plugs or caps from component and refrigerant line connections only immediately before they are reconnected.
- Install new O-ring seals, lubricated with the recommended refrigerant oil.

However, you must still replace the receiver/drier assembly if:

- it is suspected that chips or some other contaminant are present in the drier as a result of the failure of a component in the refrigeration circuit.
- the drier is blocked, damaged or leaking.
- there is corrosion in the drier or in the refrigerant lines (indicating the presence of moisture in the system).

#### PLUGGING REFRIGERATION CIRCUIT CONNECTIONS

Plug components being returned to Jaguar using the plugs installed on the replacement part. Plug components on the vehicle using suitable line plugs and external line caps.

Vacuum and fuel line plug set Part No. THX 312 available from Snap-OnTools is suitable for most of the components in the refrigeration circuit.

Plugs and caps used for refrigeration circuits should be stored separately from those used for other purposes such as plugging fuel or hydraulic lines.

**WARRANTY POLICY:**

- Returned parts must be capped.
- Air conditioning components returned under warranty that are not properly sealed will be returned and the claims debited.
- Claims for receiver/driers will only be accepted for the conditions stated on the previous page.