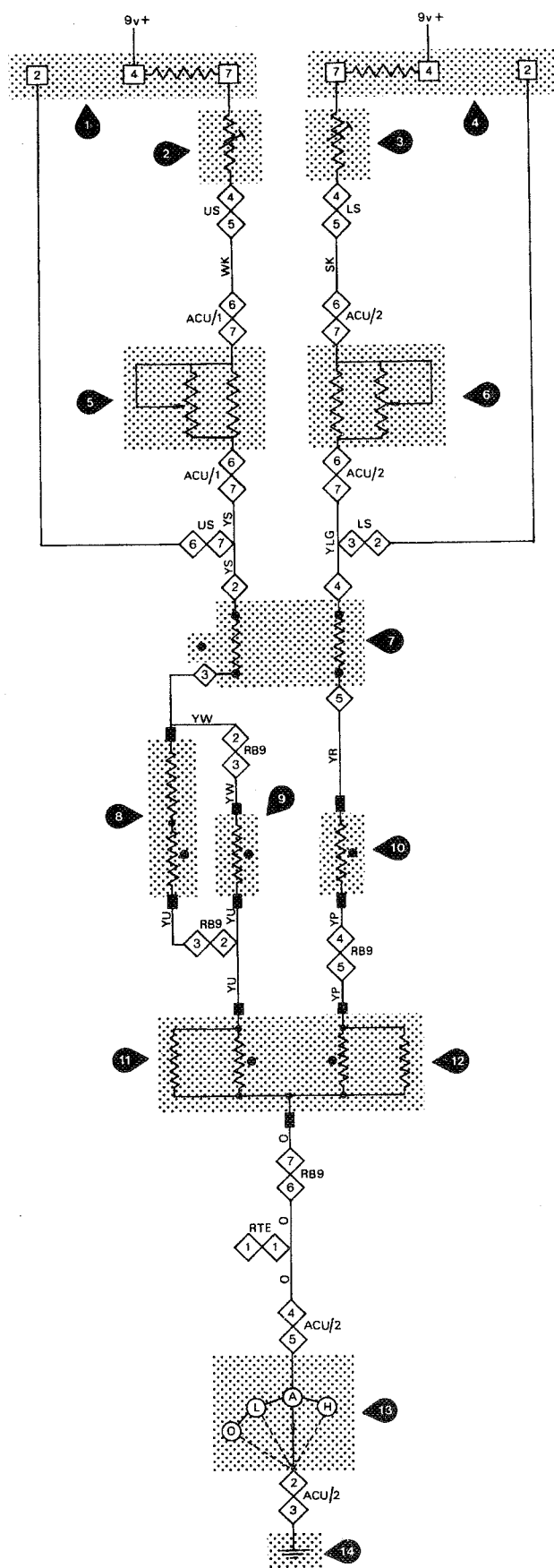


Section C7

System test and
fault diagnosis

Upper and lower sensor chains

Fig. C36



Components

- 1 Upper servo module
 - 2 Upper servo
 - 3 Lower servo
 - 4 Lower servo module
 - 5 Upper temperature selector
 - 6 Lower temperature selector
 - 7 Sensor connection socket
 - 8 Solar sensor
 - 9 Cantrail sensor
 - 10 Knee roll sensor
 - 11 Outside air temperature sensor (upper system)
 - 12 Outside air temperature sensor (lower system)
 - 13 ACU switch
 - 14 RH 'A' post earth
-
- LS Lower servo
 - US Upper servo
 - RB9 Right-hand body socket 9 way
 - RTE Right-hand toeboard socket E

Suction throttling valve - To remove

1. Discharge the refrigerant (see Section C5).
2. Disconnect the low pressure vapour line to the compressor by unscrewing and disconnecting the pipe union situated at the front of the suction throttling valve.
3. Disconnect the low pressure vapour line from the evaporator matrix by unscrewing and disconnecting the pipe union situated at the rear end of the suction throttling valve.
4. Unscrew and disconnect the equalising pipe from the expansion valve.
5. Withdraw the suction throttling valve.

Suction throttling valve - To fit

Fit the suction throttling valve by reversing the procedure given for removal, noting the following points.

1. Fit new rubber 'O' rings.
2. After fitting the suction throttling valve the full procedure of evacuation and sweeping must be carried out before the system is charged.
3. The suction throttling valve pressure is pre-set and cannot be adjusted.

Upper system temperature (blend) flaps

To dismantle and assemble this component see Operations 9 to 14 inclusive in Heater and control box - To assemble.

Viscous fan and coupling

Refer to Chapter L.