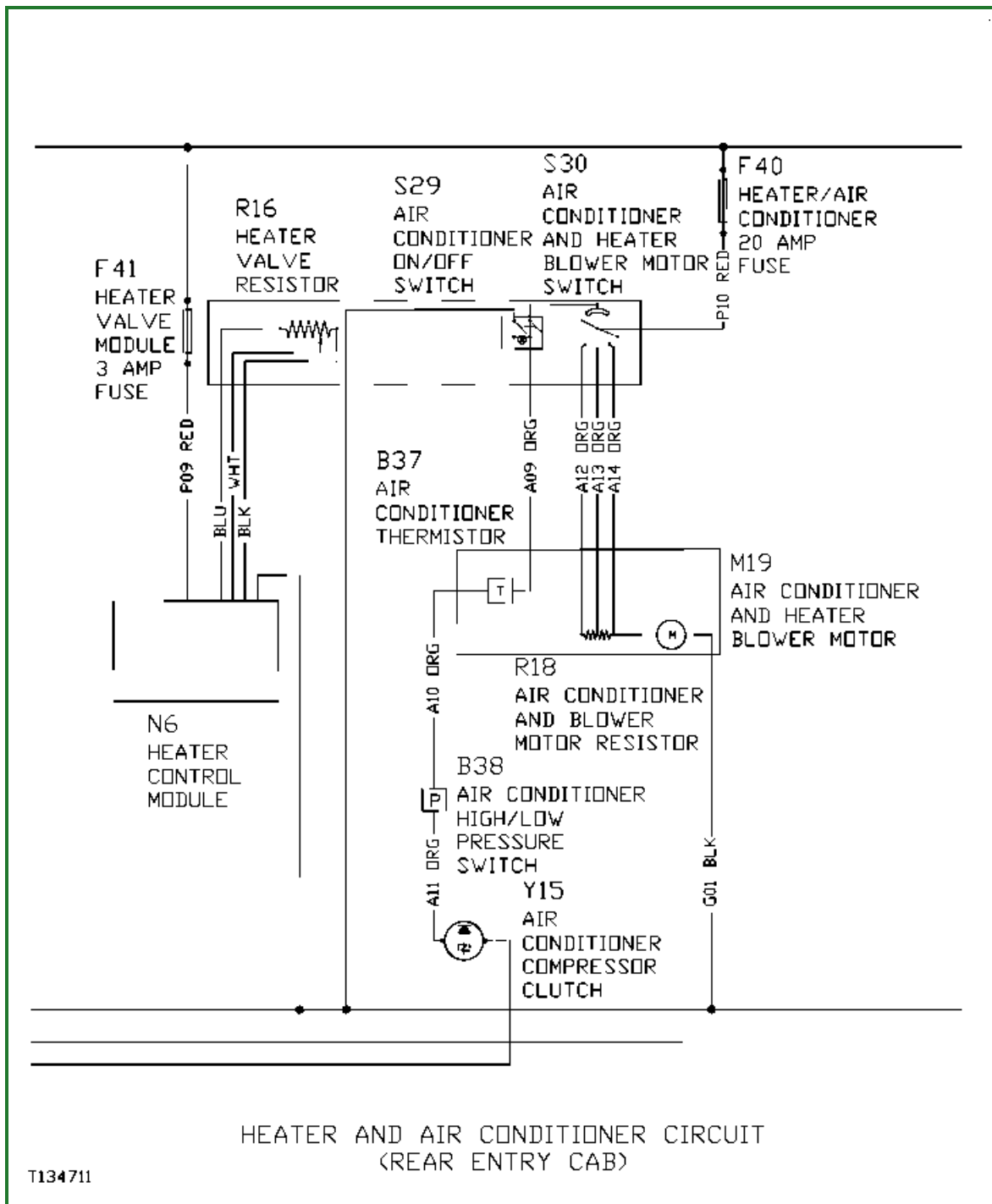


Rear Entry Cab Heater and Air Conditioner Circuit Functional Schematic



T134711-19: Air Conditioner and Heater

Go to Section_9031:Group_05

CED,OUOE003,8614-19-1999/12/20

Rear Entry Cab Heating and Air Conditioning Operational Checks

This procedure is designed so the mechanic can make a quick check of the system using a minimum amount of diagnostic equipment. If you need additional information, read Theory of Operation (Group 9031-05).

The engine or other major components must be at operating temperature for some checks.

Locate system check in the left column and read completely, following this sequence from left to right. Read each check completely before performing.

At the end of each check, if no problem is found, that check is complete. When a problem is indicated, additional checks or repair information will be given. The technical manual group or CTM number required for repair will be given. If verification is needed, you will be given next best source of information:

Group: 10 (System Operational Checks)

Group: 15 (Diagnostic Information)

Group: 20 (Adjustments)

Group: 25 (Tests)

CTM (Component Technical Manual)

1 Visual Inspection of Components

1A All Lines and Hoses

Action:

Engine OFF.

Inspect all lines and hoses.

Are lines and hoses straight, NOT kinked or worn from rubbing on other machine parts or "weather checked"?

Are hose and line connections clean NOT showing signs of leakage, such as oil or dust accumulation at fittings?

All hose and line clamps must be in place and tight. Clamps must have rubber inserts or cushions in place to prevent clamps from crushing or wearing into hoses or lines?

Record of Actual Results:

Result:

YES:

Go to next check.

NO:

Reposition hoses or lines and tighten or replace clamps. Tighten fittings or replace O-rings in fittings. Replace hoses or lines as required.