

# AUDI AIRCONDITIONING RESISTOR PACK TESTING.

## Location:

The resistor pack is located below the coolant and air-conditioning radiator on the chassis rail.

## Description:

The resistor pack acts as a stage resistance for the coolant cooling fan. This fan runs at a reduced speed whilst the air-conditioning is running. But is over come to run at a further two speeds depending on the coolant temperature and whether or not the engine is running.

## Testing:

If the unit is believed to be defective then test in the following method;

1. Note the locations of the cables to allow relocation when finished testing.
2. Disconnect the vehicle battery.
3. Disconnect the cables to the three terminals on the resistor pack. (use plenty of penetrating fluid as they will be corroded)
4. Using a quality multi meter test resistance between the following terminals;  
A-B Resistance should be between 0.5ohm and 0.8ohm  
A-C Resistance should be between 0.8ohm and 1.3ohm  
B-C Resistance should be between 0.4ohm and 0.8ohm
5. If any value is outside of the above readings then the unit is defective and requires replacement.

## Diagram:

