Dual Fan Wiring Diagram

10 gauge wire

In-Line Fuse

Temperature Sensor (Grey Wire)

185° Sending Unit, ¼” npt thread

Car Battery

12 gauge wire

Fan Positive (Red Wire)

Ground (Black Wire)

Vehicle Ground

10 gauge wire

Wire Connector (user supplied)

Ignition “ON” Power Source (Orange Wire)

Relay

Ground (Black Wire)

Fan Positive (Red Wire)

Connector to SPAL Fan

12 gauge wire

Wire Connector

Fan Positive (Red Wire)

Connector to SPAL Fan

Relay Detail:
Pin 87 = Yellow Wire
Pin 85 = Orange Wire
Pin 86 = Grey Wire
Pin 30 = Red Wire

10 gauge wire
Single Fan Wiring Diagram

10 gauge wire

- Car Battery
- Temperature Sensor (Grey Wire)
- To Battery (Yellow Wire)
- In-Line Fuse
- Wire Connector (user supplied)
- Relay
- Ignition “ON” Power Source

12 gauge wire

- 185° Sending Unit, ¼” npt thread
- Ground (Black Wire)
- Fan Positive (Red Wire)
- Wire Connector

- Vehicle Ground
- Fan on SPAL

Relay Detail:
Pin 87 = Yellow Wire
Pin 85 = Orange Wire
Pin 86 = Grey Wire
Pin 30 = Red Wire
Option: Air Conditioner Relay Diagram

*Additional Relay required – not supplied in kit.*

**Orange Wire:** To A/C Compressor Wire/Trinary Switch

**Red Wire:** To Grey Wire/Temperature Sender

A/C Compressor will send “ground” signal to Temperature Sender to turn fans “on”.

Connect Yellow and Grey wires to ground. Connect the Red wire to the sending unit wire of the original fan relay harness. The Orange wire from the A/C relay goes to the +12 volt of the A/C compressor clutch wire. The fan will turn on when the A/C compressor activates.

Vehicle Ground