



Safety:

Although the installation of the components can be safely undertaken on a DIY basis, when it comes to filling and commissioning of the system, it is essential to seek professional assistance.

Air conditioning hoses run at high pressure and must be correctly crimped and pressure tested with the correct equipment.

We recommend that the initial filling and commissioning of the system is carried out by a qualified air conditioning engineer.

We absolutely DO NOT recommend that the system is filled from 'cans' of R134a.

Kit Contents:

The kit you have purchased contains the following parts:

- Electric A/C compressor and control ECU.
- Condenser, fan and shroud assembly.
- Replacement blower unit, housing modern fan and evaporator.
- Lightweight narrow wall hose set with custom fittings.
- ECU wiring loom and sundries.

We don't provide:

- 60mm / 40mm air ducting (we recommend genuine Webasto aluminium/paper hose)
- Duct clips. A selection of 60mm and 40mm is advisable. We like the Porsche ones!
- Rubber grommets (for routing hoses and wiring)
- 'Oetiker' crimp pliers / pincers
- Replacement washer bottle but we do have a kit available for the Boxster/996 bottle.

Tools and sundries needed:

- Good quality set of allen keys
- Standard wrenches and socket set.
- Side cutters
- Small selection of male and female spade terminals (6.8mm)
- Crimp tool for above
- Selection of cable ties (300mm) for general use
- Hose cutters (although a clean set of garden shears are excellent for this purpose)
- Sharp knife (for cutting duct)

Parts List:

If you think any of the parts are missing from your kit, please email us before you start installation.

Large box:

- Blower unit + accessories
- 2 x 60mm T piece
- 50mm duct x 500mm (to make footwell 'snorkels')
- Hood Inlet restrictor gasket
- 4m x A/C hose #6
- 4m x A/C hose #8
- A/C fittings pack
- Receiver / Drier
- Drier horseshoe bracket

Small box:

- Compressor
- Compressor bracket kit
- Battery cable and insulation
- ECU
- Main Harness (Grey connector)
- Main Harness (Black connector)
- Fan Relay Harness
- Button Harness
- Temperature Sensor Harness
- USB setup/programming cable
- Fuse holder with 80A fuse

Basic Requirements – Chassis:

The kit has been designed to fit 911s where there is space under the front left headlamp for the condenser. Early cars (pre 1969) have lots of space here. Later, 'impact bumper' cars ('74 to '89) have a large washer bottle under the left fender which must be removed to accommodate the condenser.

Cars with two batteries (1969 to 1973) have limited space under the left headlamp, so may either require removal of the left hand battery box or positioning of the condenser ahead or behind the rear wheel. Please note that the rear mounted configuration has not been tested by us and that brackets and a stone guard will have to be fabricated. We do hope to have an off-the-shelf solution for these cars in due course. Please see the Appendix for some pictures of rear fender installs.

The following table shows compatibility:

1965 to 1968 – Short Wheel Base

Update to high output unit - Provide holes in bulkhead for air ducts. Alternatively use 'half kit' with standard Porsche Smuggler's box evaporator/blower (**LHD only**).

1969 to 1973 Long wheel base 'Long hood'

Delete LH battery box or use alternative rear condenser placement.

1974 to 1983 'Short hood' 'impact bumper'

None

1984 to 1983 3.2 Carrera

Modification to inset foglight and valence bracket. See Appendix F

Preparation:

The installation is not difficult, but some areas of the car (e.g. around the blower) are cramped and awkward to work in. Take your time and be methodical. The install can be undertaken with common workshop tools.

The only special tool required is the hose crimp tool. The hose crimps are 'oetiker' ear clamps. The tool required is readily available, cheap to buy and referred to as 'Oetiker pliers or pincers'.

**Disconnect vehicle battery**

You will be connecting some fairly high current wires so please make sure the vehicle is electrically safe to work on.

If the vehicle already has factory or dealer fitted air conditioning, these parts need to be removed prior to the fitment of the kit. This includes:

- Remove the engine driven compressor and bracket.
- Remove the front and rear condensers.
- Remove all hoses and the drier.
- Remove the evaporator unit from the 'smuggler's box'.
- Removal of A/C specific hoses in under the scuttle area.

