

This DIY is for pre-LCI cars, the LCI panel is wired slightly different.

Parts needed :-

AC control panel high (IHKA)	
Socket housing black, 2 pol	61131378108 x1
Snap in receptacle	61131376204 x2
Universal socket housing un-coded, 26 pol	61136913626 x1
Covering cap blue	61136913644 x1
Solar sensor	64116944017 x1
Bushing contact	64116944017 x4

Before you start you will need determine where the basic panel gets its power.

According to the WDS for cars up to sept/2005 the power is at fuse 26 front fuse box

For cars after sep/2005 the fuse is at fuse 57 rear fuse box, the basic has a 7.5 amp fuse and the high has a 15 amp fuse.

Disconnect the battery before starting.

Dismantle the dashboard :-

Remove the dashboard I-strip, undo the two screws securing the IHKA cover panel, use some slight force to pull the panel out of its clips.

Disconnect the two black plugs from the AC panel and put the panel to one side.

New pin assignments:-

The basic AC has two plugs :- X01130 12 pins and X18793 18 pins.

The High AC has three plugs :- X01130 12 pins, X13765 2 pins and X1527 26 pins

Carefully prise out the plug from the cover cap of X01130 (12 pins, left hand plug) and swap pin 1 to pin 2..

Carefully prise out the plug from the cover cap of X18793 (18 pins, right hand plug).

Follow this next list to assign the pins to the 26 pin socket contact :-

X18793 X1527

1-----1

2 not used

3 -----9

4 -----8

5 not used

6 -----6

7 -----7

8 -----21

9 not used

10 see explanation for X13765

11 -----15

12 -----17

13 -----18

14 -----14

15 -----20

16 -----14

17 not used

18 See explanation for X13765

For the solar sensor connect :-

Sensor X1527

1-----10

3 -----11

4 -----12

2 -----13

After this is all done, you should have two pins left, these are for power and ground (1 red, 1 brown). Cut off the pins and add around 6 inch of red and brown cable to each, fit the snap in receptacles to the new cables and snap in the red to pin 1 of the 2 pin connector and the brown to pin 2.

Now for the fun part, connect the new connectors to the new high panel and put a 15 amp fuse in to replace the basic 7.5 amp fuse and re-connect the battery.

Switch the car on and the panel should light up, now the car will need coding for SA534 automatic air-conditioning.