

Rewiring for VS V6 Auto to T5 Manual Conversion

What you will need:

- Cutters
- Wire
- Wire crimps and crimpers
- Voltage tester
- Other Basic Tools

Important Notes:

- To ensure that your installation is trouble free, please read all of the following instructions carefully and completely before commencing work.

Other Notes:

- If you have any problems or questions please contact ChipTorque on (07) 5596 4204.

Directions:

1. To make the starter relay work

- Usually link the black wire and the grey wire that used to go to the auto trans selector. The reverse lights are the green and pink? Wires on the same connector!

2. To make the speedo work

Under the car

- Find the pink / blue trace wire in the auto trans control harness. Test this wire; it should have 12v with the ignition on. Connect this wire to the pink / blue trace wire on the Vehicle Speed Sensor (VSS). (Power for the VSS)
- Find the light brown wire that went to the auto VSS, connect this wire to the black or black / white trace wire on the VSS. (Earth for the VSS)
- Find the blue / white trace wire (LW) that went to the auto VSS, connect this wire to the violet / white (VW) trace wire on the VSS. (Signal for VSS)

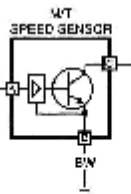
At ECU

- Extract pin C6 and move it to D2.
- Cut the violet / white trace pin C5 (5cm from ECU) and join it onto the blue / white (LW) trace wire now in pin D2.
- Check that the Speedo works.

A ChipTorque Custom Chip will turn off all the fault codes that will be set by not having the original automatic transmission and also the fault code for the ECU not having a VSS input.

Auto Trans Harness

12V IGN ON



TO SPEEDOMETER
VW

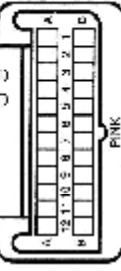
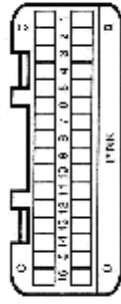
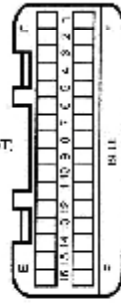
X
CUT

LW - BLU/WHITE
VW - VIOLET/WHITE
K - PINK/RED

← AT CONTROL CIRCUIT
← AT CONTROL CIRCUIT
← AT CONTROL CIRCUIT
← AT CONTROL CIRCUIT

← EXTRACT & MOVE TO D2

- K EC
- RE FC
- RE AE
- P A4
- LW DE (W')
- G U'9
- B A1
- B A2
- B B1
- B B2
- B C14
- B C15
- GY C1
- V C13
- GW Ab
- VW CE (W')
- EY BE
- NW U1
- XB F4
- NW F5
- LW F8
- YB F7
- VW EB
- E C3
- ZB U4
- W D10
- DB C3
- DB D11
- WV D12
- VB C3
- X C7
- SP C1
- GW F6
- S Av
- L R11
- EY E'5
- WB D8
- FB A3
- S F11
- Y F16
- N C1
- BL E14
- R L13
- AV F1
- LW U2 (W')
- C D2 (W')
- Y BE
- N B4
- B F16
- L F12
- N F11
- XW C10
- XR C8
- Z C7
- ZB C8
- L F2
- G E3
- V E2
- W' I1
- R E12
- S -4
- Y F3
- WH C12



ECU