Vodafone Automotive

Part No: ZGB 000 054 212/213

VTS S5: KIT COMPOSTION

- S5 VTS ECU
- 2 x ADR 'driver' cards
- S5 VTS wiring harness
- 1 x Large Velcro pad
- 4 x Blue Duraseal connectors
- 1 x Red ring Lucar connectors
- 1 x 300mm cable tie
- 5 x 140mm cable ties
- 2 x 3 amp fuses
- 2 x Black Fly leads
- User manual

TRIM REMOVAL

- Refer to ELSA for trim removal procedure.
- Passenger side dash end panel.
- Passenger Glove Box.
- Passenger's kick panel.

GENERAL POINTS

It essential to read all of the instructions prior to commencing the installation

A. Do not insert the fuses until you are ready to commission the device.
Make sure the registration process has completed prior commencing installation.

B. Ensure all electrical connections are made using Duraseal connectors (where appropriate) Ref VAS 1978/14 heat shrink gun & VAS 1978/15 shrink adaptor.

C. Reapply protective to any section of the vehicle harness exposed during installation.
Before making any connections refer to PCCS current flow diagrams. Wiring colours are subject to change and all connections must be verified with an approved multi meter.

D. Verify correct operating of all vehicle functionality pre and post installation.

PRE- INSTALLATION INFORMATION

Ensure the customer and vehicle registration proccess has been completed in the hub (VBPH) prior to installation. The technician must have access to a mobile device with the 'mobile installer app' downloaded or Web version.
The above must be completed or installation will not appear in the installer app and this will prevent commissioning.

The driver cards for this system need to be learnt by the device during the commissioning process, if commissioning is done via the mobile installer App you must wait to turn the cards on until prompted in the App. If commissioning by phone, follow the instructions given by the operator.

Trouble Shooting Guide

1) No LED on power up - Check connections for power supply, Ground and 12v +30 at fuses and VTS main connector

2) No or poor GPS/GSM reception - move the vehicle outside with clear sight of the sky

3) No +15 Ignition detected - Check fuse and VTS main connector

LED Indication	System Status
ON Solid	Initialisation phase
Off	Initialisation Phase complete
0.8s ON / 1.2s Off Flashing	Arming period
0.2s ON / 0.2s Off Flashing	System Armed
0.2s ON / 1.8s Off Flashing	Driver Card Learning Mode

Vodafone Automotive S5 VTS Installation Manual

Fuse position F47/ F49

Fuse position F63-F64

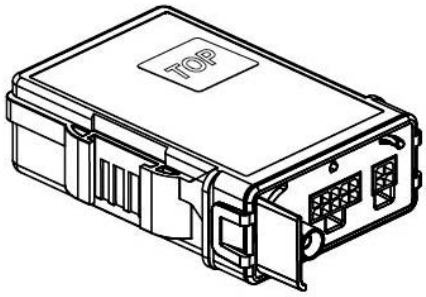
SYSTEM SCHEMATIC DIAGRAM

Wire Marked '2' +15 Ignition

Wire Marked'1' +30 Live

Wire Marked '3' Ground

Please note the GPS external Fakra is not used in this installation

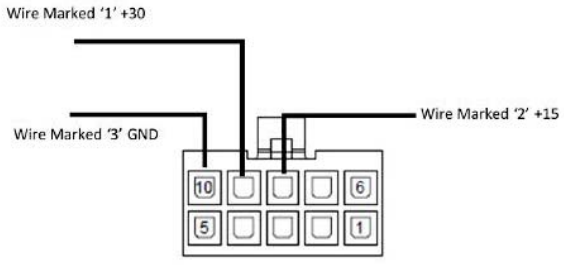


GPS ANTENNA ORIENTATION

The GPS antenna is located under the square marked 'TOP' and this must be facing upwards towards the sky, the S5 VTS ECU is secured using the large Velcro pad provided.

CONNECTOR PIN NUMBER	WIRE FUNCTION – INDENTIFICATION NUMBER
8	Ignition +15 Marked 2
9	Permanent Live +30 Marked 1
10	Ground Marked 3

PLEASE NOTE: the two wires marked 'ECI' are not used for this installation and must be cut and insulated.



Vodafone Automotive S5 VTS Installation Manual

1

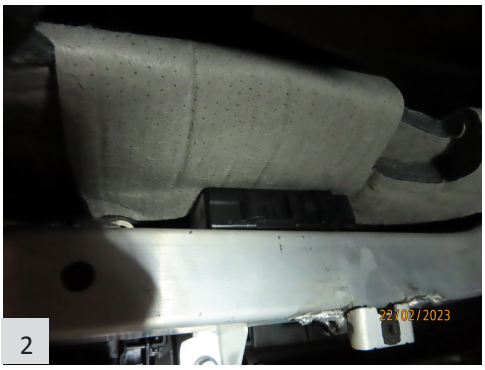
1

1 RECORDING ECU INFORMATION

Prior to installing the system, it is necessary to record the serial number located on the top of the S5 VTS ECU as this will be required when completing the customer registration form.

Apply the large Velcro pad to the underneath of the unit.

2



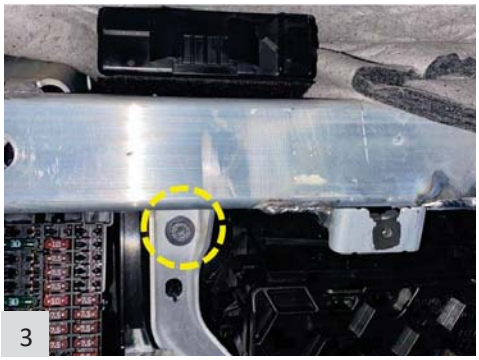
2

2 ECU LOCATION AND MOUNTING

Identify the location for the S5 VTS ECU, behind the passenger glove box.

The ECU should be bonded in place using the supplied large Velcro pad and cable tie.

3

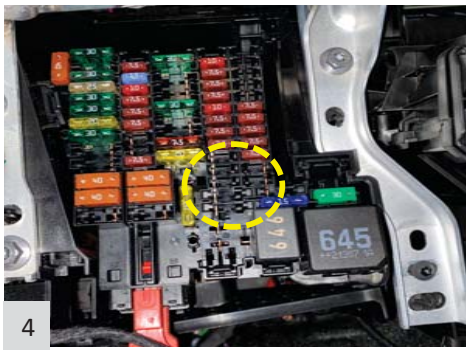

3

3 GROUND CONNECTION

Route wire marked ‘3’ to the M6 bolt highlighted opposite which is located to the right and above the fuse box. Crimp on the supplied red ring connector and secure to the M6 earth point.

Ensure that all wires are taped and routed alongside existing vehicle harness

4



4

4 +30 CONNECTION

Crimp the supplied small black fly lead with the terminal onto the wire marked ‘1’ using the Duraseal connector supplied. Ensure that the purple locking lever is released on the fuse carrier and insert ‘1’ wire into a vacant fuse location F47 or F49. Lock terminal latch and insert a 5 amp fuse when ready to begin the activation and commissioning process.

5

5

5 +15 CONNECTION

Crimp the supplied small black fly lead with the large terminal onto the wire marked ‘2’ using the Duraseal connector. Ensure that the purple locking lever is released on the black fuse carrier and insert ‘2’ wire into a vacant fuse location, F63 or F64. Lock terminal latch and insert 3A fuse when ready to begin the activation and commissioning process.