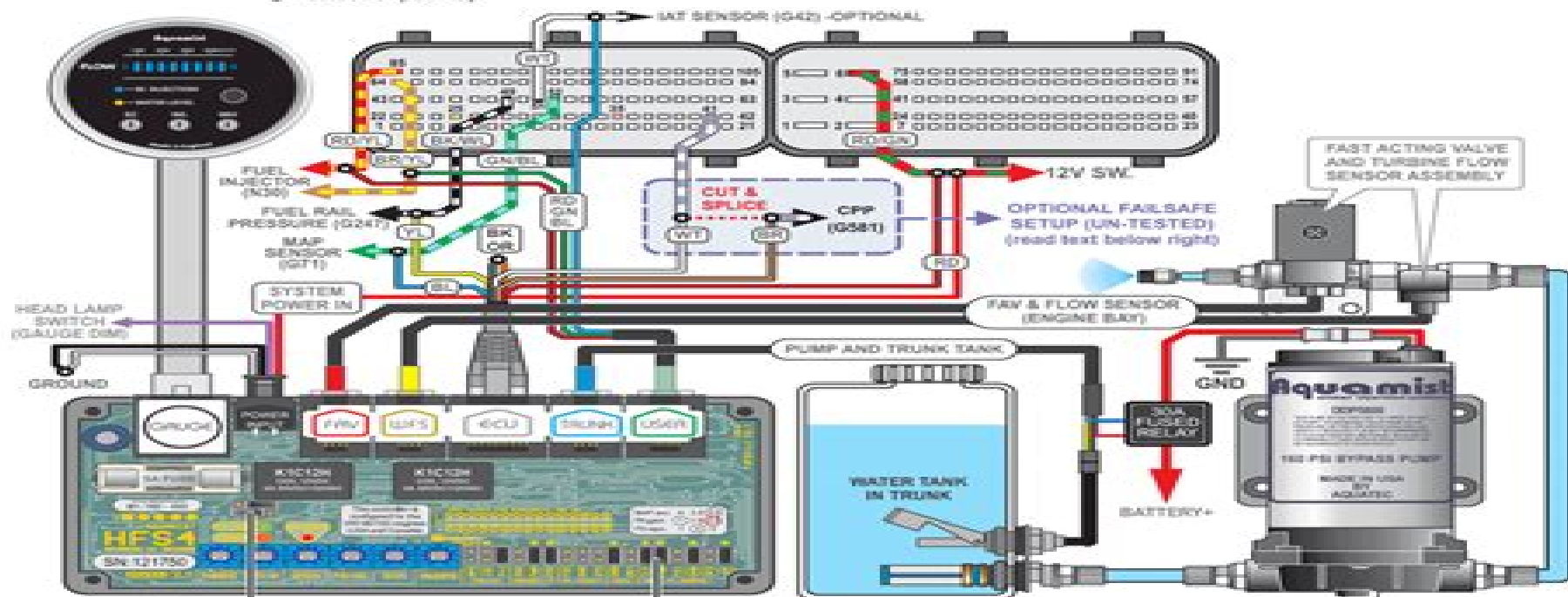


preliminary HFS4-v3.1 for VW MK7 & Audi S3 engines (US model)_{v1}

● - solder or posi-tap



IDC SIGNAL PRE-SCALER:

The jumper-link above must be set to location (marked in RED) if they are not preset from factory.

Connecting the HFS4 to the factory ECU:

In order to extract the full capability the HFS4, the system needs to read a few signals from the factory ECU wires. This can be achieved as follows:

1. Strip wire insulation, solder and vinyl taped. This is the most secure method for those who have soldering skills.
2. POSI-TAP: An alternative secure way to tap without the use of tools. Tapped junction is well insulated.

They are available from:

<http://www.posi-products.com/posiplug.html>

CONFIGURING THE JUMPER LINKS :



The "IDC" (marked in Red) jumper link is the recommended for used with the US model. This enables the system to be triggered by the IDC signal which is a more representative load signal than the single dimension boost pressure signal.

The FS1 (marked in green) is set from the factory for the MK7 and S3 engine. Upon failsafe activation, the ECU will reduce boost. This is done by the imposing a 5V to the Electronic wastegate signal to the ECU (G581).

If failsafe is required, you do not need to "splice and cut" the wires inside the shaded box in violet.

Golf Mkwiring Diagram

Tao Wei

A red circular graphic with a gradient, appearing as a stylized arrow or a decorative element, located to the right of the name Tao Wei.

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