



## **Volkswagen / Audi: Xenon Headlamp (ECU 55) alignment**

Following the introduction of the 'Xenon Headlamp (55)' system in 2004 the use of suitable diagnostic equipment is required to reset and adjust the headlamp level.

Using software V3.49 or later:

To carry out any of the required functions related to the 'Xenon headlamp' system:

- Connect the Mt-Pro to the vehicle diagnostic connector
- Switch ignition on
- Select Audi/Volkswagen from the main menu
- Select '(1F) CAN gateway' to communicate with the vehicle network
- Select '(55) range'

Once communicating with the 'Xenon Headlamp' system the following pre-requisites should be met before continuing:

- Vehicle on level ground
- Read and clear any DTC's
- Ensure vehicle battery is fully charged
- Ignition should be in the ON position
- Headlamps should be OFF

### **Procedure**

- Select (55) xenon range (Some newer vehicles support '(29) left light module' and '(39) right light module' independently.
- Select basic settings (04)
- Go to group 001
- Wait 30 seconds. The headlamps are now ready for adjustment.
- Manually adjust lamps in conjunction with headlamp beam setter.
- Go to group 002 when adjustment is complete. The xenon range controller will retain this setting as its 'base' position.

After carrying out any of these basic settings or adaptations the following procedure should be carried out:

- Read and Clear DTC's
- Exit 'Electronic 'Xenon Headlamp' system and disconnect Mt-Pro
- Cycle ignition Off / On