



Volkswagen / Audi Electronic Parking Brake System (ECU 53)

Since the VAG group introduced the 'Electronic Parking Brake (53)' system in 2003 it has become standard equipment on the A6 (4F), A8 (4E) and Passat (3C) models. This increased level of technology now demands the use of suitable diagnostic equipment to carry out routine service procedures such as brake pad replacement and caliper removal.

Using software V3.46 or later:

To carry out any of the required functions related to the electronic parking brake 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 '(53) Parking Aid

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

- Vehicle on level ground
- Read and clear and DTC's
- Ensure vehicle battery is fully charged, connect constant output voltage supply if possible
- Cycle the Parking Brake On / Off using vehicle park brake button – Foot brake applied
- Ensure the Electronic Parking Brake is left in the Off position
- Carry out procedure(s) as detailed below

	Audi A6 (4F) 2004 to 2007	Audi A8 (4E) 2003 to 2007	VW Passat (3C) 2004 to 2007
To activate 'System Test'	Select 'Basic Settings' (Func.04) then select 'Group 010'	Select 'Basic Settings' (Func.04) then select 'Group 010'	Select 'Basic Settings' (Func.04) then select 'Group 010'
To 'Deactivate' Rear calipers (Open)	Select 'Basic Settings' (Func.04) then select 'Group 007'	Select 'Basic Settings' (Func.04) then select 'Group 007'	Select 'Basic Settings' (Func.04) then select 'Group 007'
To 'Activate' Rear calipers (Close)	Select 'Basic Settings' (Func.04) then select 'Group 006'	Select 'Basic Settings' (Func.04) then select 'Group 006'	Select 'Basic Settings' (Func.04) then select 'Group 006'
To check / adapt 'Pad Thickness'	Vehicle does not require this function	Select 'Adaptation (Func. 10) then select Channel 6. Value 3(mm) to 14(mm) should be read/set	Vehicle does not require this function

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

- Read and Clear DTC's
- Exit 'Electronic Parking Brake' system and disconnect Mt-Pro
- Cycle ignition Off / On
- Cycle the Parking Brake On / Off using vehicle park brake button – Foot brake applied