



Simple is not Simple

Technical Information

09G/TF60-SN

Clearing & Relearning Shift Adapts

The 09G is an adaptive learn transmission. The TCM can adapt the upshift and downshift pressures for each shift as well as the initial engagement into drive and reverse. Whenever the transmission is rebuilt or the valve body is changed, the shift adapts should be cleared and the vehicle should be driven to relearn the new adapts.

Clearing the shift adapts:

The preferred way is to use a factory scan tool or equivalent to return the shift adapts to basic settings. Some Volkswagen vehicles, like the Beetle and Passat, will clear by turning the ignition to off, waiting 30 seconds and then disconnecting the harness connector from the TCM.

Relearning the new shift adapts:

After clearing, the vehicle must be brought to operating temperature and driven to relearn the shift adapts. Clear any trouble codes and check to see if they come back. Drive the vehicle at about 20% throttle angle up through the gears. Once in sixth gear release throttle and allow at least 20 seconds to come to a complete stop. Repeat this cycle 15–20 times. The car may require more driving to fine tune the shift feel.

IMPORTANT NOTES

1.) If the transmission has a delay or harsh reverse engagement, hold your foot on the brake pedal until completely finished relearning reverse or drive engagement. * move shifter to reverse, wait 3 seconds then move back to neutral and wait 3 seconds. Repeat 10 times and the engagement feel should be about normal.

2.) VW warns that during the learning process, shift quality may deteriorate before it gets better.

3.) TCM will **not** relearn the shift adapts when codes are present or if the transmission is not at operating temperature.

** The TCM has a safety feature that requires the brake pedal to be depressed until the transmission gear that is selected has engaged. If brake pedal is released before the transmission engages, the TCM will command neutral and the PRNDL lights will flash until the brake pedal is depressed and the transmission engages. Once it engages the PRNDL lights will stop flashing.*