



Technical Tip

Topic	37-10-03TT – Dual Clutch Pack Basic Settings
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
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Condition

ATTENTION:

THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.

TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Dual Clutch Pack Basic Settings

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta, Sportwagen, Beetle, Beetle Convertible, Golf,GTI, Passat, CC, EOS	2006-2017	All	DSG Only	All	All

Technical Background

After a dual clutch pack has been replaced, it is necessary to perform the following basic clutch settings adaptation.

Service

The following requirements should be met before performing basic settings:

- Engine and Transmission must be up to operating temperature (Minimum of 30°C / 86°F in Transmission).
- Vehicle should be clear of all fault codes (ECM and TCM).
- Vehicle should be in park and idling.
- Engine must have been running for one full minute before basic settings can be performed.

Once basic requirements have been met proceed as follows:

- Perform the transmission basic settings (BS):

1. Using the VAS diagnostic tool with the latest ODIS updates, select Guided Functions, Transmission Electronics/Gearbox Electronics and then Basic Settings. Enter #61 on the keypad and select the "Q" button to enter into test mode.

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2. Once the new screen appears, apply the brake pedal firmly and press activate on the scan tool. It may take up to 40 seconds before you hear any noises in the transmission. The test is complete when new numbers display in the bottom box of basic settings.

3. Return to basic settings and select #60 on keypad. Select the "Q" button to enter the test mode. Follow step #2 again.

4. Once you are completed with these two tests, switch OFF the ignition, restart and allow engine to idle.

5. Apply the brake pedal firmly, cycle the transmission gear selector from park to drive 5 times and then from park to reverse 5 times.

- Run basic settings 67 (BS 67 resets MVB 34 in GFF/GF) in the TCM by manually inputting 67 into the selection box.
- Perform the engine throttle adaptation in the ECM using basic settings and inputting 60 into the selection box.
- Road test the vehicle a minimum of 30 miles in varying gears (constant driving in different gears / TIP Mode). It is recommended making 10 miles of the 30 mile road test driving in 5th gear – in tiptronic mode – with no cruise control and then perform the same thing in 6th gear (10 miles in 6th – tiptronic mode – no cruise control). The last 10 miles, drive the vehicle in various gears using TIP Mode.
- Observe MVB 34 in the TCM (the display should be all zeros after BS 67) under GF/GFF, to make sure fields 1 and 3 are reading 20 or greater. If the numbers are not 20 or greater, the clutches are not fully adapted.

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2031393/4	9/15/17	Update to model year applicability and existing tip for dual clutch basic settings procedure.
2031393/3	9/5/17	Update to latest standard.
2031393/2	8/12/11	Update to include additional information.
2031393/1	6/11/10	Original publication.

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