

Basic settings of Aisin 09G gearbox:

The basic settings must be performed with complaints about the shift quality, if the gearbox or the gearbox control unit are replaced or the software is overwritten.

Check the shift quality during a test drive.

(1) Warm-up

The gear oil temperature rises, if the vehicle is used at idle speed or in urban operation. Check the gear oil temperature with the tester and make sure that it is between 66 and 110°C.

If the oil temperature is not between 66 and 110°C, the programming is not performed.

VAG tester: Transmission electronics -> basic settings -> select channel 001 and reset the value to 0, select channel 002 and reset the value to 0.

The gear oil temperature must not be increased by seizing the brakes.

(2) Stationary shift programming

On a stationary vehicle press the brakes, shift from N to D and hold for 3 seconds. Repeat 5 times. Then repeat 5 times in position R.

(3) Programming for gear change control

Drive in D with about a third accelerator pedal position on open roads, till you are in 6th gear and have reached of at least 80 km/h. Release the accelerator pedal and roll the vehicle in position D. After at least 60 seconds bring the vehicle to standstill. Repeat 10 times.

(4) Check the programming results

Check whether the jolting has improved.