



# 4-Speed Automatic Transmission (01M)

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## Information

The 01M and 01P transmissions are built on the same version of the 4-speed automatic transmission manufactured by VW. **General Information** about this Transmission can be found in the Wikipedia entry ([http://en.wikipedia.org/wiki/Volkswagen\\_01M\\_transmission](http://en.wikipedia.org/wiki/Volkswagen_01M_transmission)) .

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## Coding

- **000?x**: *DSP Mode (Dynamic Shift Points)*
  - 0 = DSP active
  - 1 = DSP inactive
- **000x?**: *Transmission Mode*
  - 0 = Factory Mode (Adaptive Transmission Mode)
  - 1 = Force Economy Mode (lower Shift Points)
  - 2 = Force Sport Mode (higher Shift Points)

## Common Settings:

- 00000 = Factory Mode
- 00011 = Economy/Touring Mode
- 00012 = Sport Mode

## Basic Setting

### Prerequisites:

- No fault codes in the Auto Trans.
- Throttle Body Alignment (TBA) performed successfully *when applicable*
- Ignition on, engine off.
- Do not touch the accelerator pedal.

**[Select]**

**[02 - Auto Trans]**

**[Basic Settings - 04]**

Set Group to "000"

**[Go!]**

Press accelerator pedal all the way to the floor and hold for 3 to 5 seconds.

**[Done, Go Back]**

Release the accelerator pedal.

### Special Notes

- It is normal for there to be no explicit instructions or changes on the screen when you do the above procedure. The transmission controller does not provide any feedback that it has been successfully performed. Checking the binary switching in measuring block group 001 should confirm a change at 95 - 100% pedal position.
- If the pedal did not travel to the floor due to an obstruction such as too many floor mats the procedure may not be successful.
- If faults are stored in the Engine or Transmission for throttle related problems, the procedure will not be successful.
- When the 01M transmission is installed with a gasoline engine using the Drive-by-Wire (DBW) throttle (i.e. no throttle cable) the Engine may also support a Kick-Down Basic Settings as described here: Automatic Transmission Info (<http://www.ross-tech.com/vag-com/cars/autotrans.html>)

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