



# VALVE / HYDRAULIC UNITS FOR AUTOMATED MANUAL TRANSMISSIONS

TRANSMISSION CONTROL | 22303

## Function

The automated manual transmission is similar to the usual manual transmission. However, the individual gears change completely automatically and the driver no longer has to engage the clutch. The example of the BMW SMG transmission (sequential manual transmission), which was mainly used in more powerful and therefore sporty vehicles, shows the advantages of lower fuel consumption and faster gear changes compared to the classic torque converter automatic. A weak point of these transmissions are the hydraulic units, which fail from time to time and lead to problems. VEMO has recently started offering a corresponding range of spare parts.



## SYMPTOME

- Gears can no longer be engaged
- Gearbox lamp in instrument cluster lights up
- Oil loss from the hydraulic unit
- Entries in the error memory



## REASONS FOR FAILURE

- Faulty / defective hydraulic unit



## SOLUTION

- Replacement of the hydraulic unit
- Subsequent deletion of the error codes



## ADVANTAGES

- High market coverage
- Many **HOT-SELLER**
- some articles **EXCLUSIVE** only at VEMO



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