

# Workshop Manual Volkswagen Transporter

## 4 Speed Manual Gearbox 091.

June 1979 Edition.

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**The manual is divided into separate booklets** which can be ordered individually and allocated on the shop floor as required.

This manual is valid for the new Transporter from the start of production (June 1979).

It describes all the operations which require special instructions to ensure satisfactory work.

### Layout of booklets

Each booklet has the contents listed according to repair operations and alphabetically to make it easy to find the information required. In the repair operations list, the special tools and workshop equipment required for each operation are given. This list also shows which tools have Audi alternative tools and vice versa.

The technical data is followed by a description of the repair operations. Where practical, each operation is preceded by an exploded view which also contains all the main repair instructions. This is supplemented, where necessary, by photographs – which are referred to in the exploded view – giving details of the fitting positions of parts or showing special tools in use. If a definite sequence has to be followed when

dismantling and assembling a component, the exploded view is followed by a description of the main steps of the work sequence. Any adjustments required are also explained.

### Workshop Bulletins

Workshop bulletins will be allocated to the individual booklets and should be filed at the back of the booklet concerned. To remind you that bulletins have been published, the manual pages should be marked by hand with the bulletin number as explained in the bulletin heading.

### Fault finding

General fault finding instructions are given in the workshop manual and in addition to this the following fault finding leaflets have been published:

- Carburetor engines
- L-Jetronic engine
- Automatic gearbox

Instructions on the elimination of current defects are given in the "Fault finding handbook".

**Technical information should always be made available to all foremen and mechanics because compliance with the instructions given is essential to ensure vehicle roadworthiness and safety. In addition, the normal safety precautions to be observed when working on motor vehicles are also applicable.**



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35 40 37..	Input shaft, dismantling and assembling VW-AUDI Special tools: VW 161a, VW 284, VW 295, VW 401, VW 407, VW 412, VW 421, VW 456a, VW 519, VW 554	32
35 50 19..	Input shaft oil seal, removing and installing VW-AUDI Special tools: VW 681, 30-21	24
35 59 15..	Output shaft, adjusting VW-AUDI Special tools: VW 385/1, VW 385/3, VW 385/4, VW 385/11, VW 385/14, VW 385/16, VW 385/17 or 385/30 Workshop Equipment: dial gauge 0–3 mm dial gauge extension approx. 30 mm long	55
35 59 37..	Output shaft, dismantling and assembling VW-AUDI Special tools: VW 295a, VW 401, VW 402, VW 408a, VW 409, VW 411, VW 412, VW 415, VW 456a, VW 457, VW 460/3, 2052 Workshop Equipment: Parting tool 22–115 mm e.g. Kukko 17/2 Torque gauge 0–600 Ncm	36
39 09 15..	Differential, adjusting VW-AUDI Special tools: VW 381/5a, 8, 11, 15, VW 382/7, 9, VW 387 Workshop Equipment: Torque gauge 0–600 Ncm Dial gauge 0–3 mm	57

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39 09 37..	Differential, dismantling and assembling VW-AUDI Special Tools: VW 381/5a, VW 381/13 or 30-45, VW 387, VW 401, VW 402, VW 407, VW 412, VW 415a, VW 442, VW 454, VW 456a, VW 457, VW 771, 40-21, 40-103, 2050, 2054	43
39 22 19..	Drive flange oil seal, removing and installing VW-AUDI Special Tools: VW 391, VW 681, 2051	42

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