

Aircooled Gearbox Code Reference Table

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Gearbox Reference / Ratio / Ring and Pinion Technical Data VW Beetle Ghia Type 1 / T14 inc Type 3 + Type 2 Split Screen Gearbox Reference Table

VW Type 1 / Type 14 / Type 3 and Type 2 Split Screen Gearbox Reference Table

Model Year, Ring and Pinion, Final Drive Reference Chart,

Complete Type 1 Gearboxes

Beetle / Ghia / Trekker / Split Screen

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Complete 002/091 Gearboxes

Bay Window

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FINAL DRIVE, RING AND PINION GENERAL RULES **Standard / General rule R&P for unmodified gearboxes are as follows:**

Final Drive, Ring and Pinion General Rules

Standard / General rule R&P for unmodified gearboxes are as follows:

– 4.375 T1 (1200-1300cc Gearboxes) – 4.125 T1 (1300-1500cc Gearboxes (Also Most Split Screen Reduction Box Units)) – 3.880 T1 (1600cc Gearboxes) – 3.440 T1 (Never originally available, reproduction only)

Note: Reduction box combinations will reduce final drive by ratio, check your year and ratios to calculate.

– 4.571 T2 (082, 091 Boxes) Some 5 and 6 Rib Only – 4.857 T2 (Oddball Year) – 5.375 T2 (1600cc T1 Engine Bay Windows)

4th Gear standard Ratios

Gears in certain cases can be crossed between boxes, note: currently keyed shaft boxes have no available new R&P combinations since Brazil ceased production, all current final drive sets are splined (late) only. Higher values produce higher acceleration, lower values produce higher top speed.

– 0.91 – 0.889 – 0.821 – 0.770

View our full range of re-conditioned and upgraded Type 1 / 14 and Type 2 Split Screen Gearboxes available [here](#)

VW Type 2 / 002 / 091 Bay Window Gearbox Reference Table VW Type 2 Bay Window Gearbox Reference Table

Final Drive, Ring and Pinion General Rules

Standard / General rule R&P for unmodified gearboxes are as follows

Gearbox Ribs Explained (Applicable to T2 Bay Window Gearboxes only, does not work for T25 Vanagon).

If you are unsure if you have a T2 Bay Window Gearbox, it is easy to tell by where the gear linkage comes out. On a Bay Window Gearbox it comes straight out the back (opposite end to the bellhousing). If it is a T25 box it will come out of the side on the nosecone.

1600cc – 3 Ribs 1700cc – 5 Ribs 2000cc – 6 Ribs
Note: The terms 002 and 091 gearboxes comes from the first 3 digits on the code found on the underside of the gearbox.

There were at least twelve variations of gearbox for the 1968-71, 1972-75 & 1976-79 VW 1600cc Type 2s, including many combinations of limited-slip differential and higher final-drive ratio for mountainous territories.

The CE code, corresponds to a 1972-75 VW T2 Bay Window, with standard open differential and standard final-drive ratio

There were two manual gearbox codes for the 1974-75 VW 1800 Type 2 (Type 4 Engine):

CM – Standard open differential CN – Limited-slip differential (LSD)

Please note: This list does NOT necessarily include, gearbox details for the 1968 onwards, Argentinian, Brazilian & Mexican built vehicles (either Bay Window models or Bay Window/Splitscreen hybrid models). Some of these models had factory-fitted VW 1600 Type 1 engines with twin carburettors, for either fuel-ethanol (high-compression ratio of 10:1) or

Petrol, 1400cc or 1800cc water-cooled VW engines for either fuel-ethanol or petrol and a water-cooled VW diesel engine.

INPUT SHAFT VARIATIONS 1968-79 VW Type 2, Four-Speed Manual Gearboxes Table Below

M-Code Key

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