

# vdubtech

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## Aircooled VW T1 (and T2 Split Screen) Gearbox Reference Table

All Data for Years, Ring and Pinions, Conversions and Final Drives for Aircooled T1 Transaxles, Swing Axle and IRS

### Gearbox Codes

Code	Engine Size	Final Ratio	Model & Chassis Number
AA	1200	4.375	From Chassis No 0 981 810
AB	1300	4.375	Up to 8/70
AC	1500	4.125	also some 1300 from 8/70
AD	1200	4.375	Limited Slip Differential
AE	1300	4.375	Limited Slip Differential
AF	1500	4.125	L.S. Differential >8/70; also some 1300 8/70>
AG	1200	4.375	Type 147 Fridolin
AH	1500/1600	4.125	IRS from 8/68 - 8/72
AK	1500/1600	3.875	Type 181
AL	1500-1600	3.875	Type 181 with LSD
AM	1300	4.375	Saloon and Cabrio from 8/70
AN	1600	3.875	Karmann Ghia with IRS from 8/70
AO	1600	4.125	LSD 8/70 - 8/72
AR	1600	4.125	LSD 8/70 - 8/72
AR	1600	3.875	Karmann Ghia with LSD from 8/70
AS	1600(GT)	3.875	From 3/72
AT	1600	3.875	1303s and Cabrio from 3/72
AU	1600	3.875	1303s and Cabrio from 3/72 with LSD
BA	1300/1500	4.375	Semi Automatic from 8/68 - 8/70
BC	1300/1500	4.375	Semi Automatic from 8/68 - 8/70 with LSD
BE	1600	4.125	Semi Automatic from 8/68 - 8/70
BF	1600	4.125	Semi Automatic from 8/68 - 8/70 with LSD
BG	1300	4.125	Karmann Ghia Semi Automatic from 8/70
BH	1300	4.125	K. Ghia Semi Automatic with LSD
BJ	1300	4.375	Semi Automatic from 8/70
BK	1300	4.375	Semi Automatic from 8/70 with LSD
DA	1500/1600	4.125	Type 3 Swing-axle up to 8/68
DB	1500/1600	4.125	Type 3 Swing-axle up to 8/68 with LSD
DC	1500/1600	4.125	Type 3 IRS from 8/68

DD 1500/1600 4.125 Type 3 IRS from 8/68 with IRS

#### Final Drives and Ring and Pinion Info

Ring and Pinion (Crown and Pinion, Combinations and Origins, Also Known as Final Drive)

- 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 (1600c T1 Engine Bay Windows)

#### 4th Gear Available Combinations

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.

- 0.91
- 0.889
- 0.821
- 0.770

All Data for Years, Ring and Pinions, Conversions and Final Drives for Aircooled T2 (002, 091) Transaxles

VIN	4th gear ratio	R&P ratio	R&P * 4th
218 000000 - 211 2 276560	0.821	5.375	4.413
211 2 276561 - 213 2 068547	0.821	5.375	4.413
213 2 068548 - 213 2 300001	0.889	5.375	4.778
214 2 000001 - 215 2 300001	0.889	4.857	4.318
216 2 000001 - 219 2 300001	0.889	4.571	4.064

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