

VW 113/002 GEARS

Updated March 17, 2023

RACING GEARS FOR VW 113/002

HYBRID 113/002 SPLINED MAINSHAFTS (1STx2ND GEARS)

4.13x2.46	3.75x2.08	3.44x2.08	3.11x2.08
3.75x2.46	3.44x2.36	3.44x1.93	3.11x1.93
3.75x2.25	3.44x2.25	3.11x2.25	

Hybrid Splined Mainshafts can be used with early or late 3rd and 4th gears, depending on customer preference. A special Weddle Racing slider hub is required. Reference part number 8AB-309.

113 Style 3rd and 4th Gears require a stock VW early style synchro cone to be pressed on, welded, honed, surface ground.

Hybrid 113/002 Style 3rd and 4th Gears require a special floating synchro cone, part number 8B6-CONE or 8B8-CONE. They can be used with early keyed mainshaft or late splined mainshaft.

113 STYLE 3RD GEARS

1.84
1.60

113 STYLE 4TH GEARS

1.26

HYBRID 113/002 3RDS

1.84
1.78
1.71
1.67
1.60

1.56
1.50
1.44
1.39
1.35

1.30
1.26
1.22
1.14

HYBRID 113/002 4THS

1.50
1.44
1.39
1.35
1.30
1.26

1.22
1.18
1.14
1.09
1.04
1.00

0.93
0.89
0.82
0.77
0.70

SPORTSMAN MODERATE DUTY GEARS

SPORTSMAN 3RD GEARS

1.70
1.58

1.48

SPORTSMAN 4TH GEARS

1.58
1.32

1.32K
1.22

1.22K
1.13

1.13K
1.04

1.04K
0.82

0.82K
0.77

0.77K

NOTE: Dimensionally, our SPORTSMAN 3rd and 4th gears are similar to early 113 3rd and 4th gears. They require a stock VW early style synchro cone to be pressed on, welded, honed, surface ground. The teeth on our SPORTSMAN gears are not profile ground.

RING & PINION SETS FOR VW 113/002

VW TYPE 1 R&P SETS

3.88 Splined (Gleason)
3.88 Keyed (Gleason)

3.44 Keyed (Gleason)

VW 002 BUS R&P SETS

4.86 (Weddle)
4.57 (Weddle)
4.57 (Sportsman)

4.13 (Weddle)
4.13 (Sportsman)

VW 091, 094 GEARS

VW 091 GEARS

091 MAINSHAFTS (1STx2ND GEARS)			091 3RD GEARS			091 4TH GEARS		
3.75x2.36	3.44x2.25	3.11x2.25	1.84	1.56	1.30	1.56	1.22	0.82
3.75x2.08	3.44x2.17	3.11x2.08	1.78	1.50	1.26	1.50	1.18	0.77
3.44x2.36	3.44x2.08	3.11x1.93	1.75	1.47	1.22	1.47	1.14	0.75
			1.71	1.44	1.18	1.44	1.09	0.73
			1.67	1.39	1.14	1.39	1.04	0.70
			1.60	1.35	1.09	1.35	1.00	
						1.30	0.93	
						1.26	0.89	

VW 091 RING & PINION SETS

091 R&P SETS		
5.86 (VW)	5.14 (Weddle)	4.13 (Weddle)
5.50 (VW)	4.86 (Weddle)	
5.43 (VW)	4.57 (Weddle)	

VW 094 GEARS

094 4-SPEED MAINSHAFTS		094 3RD GEARS			094 4TH GEARS			
3.44x2.25	2.90x1.93	1.75	1.35	1.14	1.39	1.18	0.93	0.73
3.44x2.08	2.90x1.86	1.50	1.30	1.09	1.35	1.14	0.89	0.70
		1.47	1.26		1.30	1.09	0.82	
		1.44	1.22		1.26	1.04	0.77	
		1.39	1.18		1.22	1.00	0.75	

VW 094 RING & PINION SETS

094 4-SPEED R&P SETS		094 5-SPEED R&P SETS		094 4WD VANAGON SYNCRO R&P SETS	
5.43 (VW)	4.57 (Weddle)	5.50 (VW)	4.83 (VW)	4.86 Rear (Weddle)	6.17 Front (Weddle)
4.86 (Weddle)	4.13 (Weddle)				5.83 Front (Weddle)

WEDDLE HV GEARS

HV2 4-SPEED GEARS

HV24 MAINSHAFTS			HV2 3RD GEARS				HV2 4TH GEARS			
3.44x2.17	3.11x1.93	2.90x2.08	1.84	1.60	1.39	1.22	1.67	1.44	1.26	1.09
3.11x2.17	3.11x1.86	2.90x1.93	1.78	1.56	1.35	1.18	1.60	1.39	1.22	1.04
3.11x2.08	2.90x2.17	2.90x1.86	1.71	1.50	1.30	1.14	1.56	1.35	1.18	1.00
			1.67	1.44	1.26		1.50	1.30	1.14	

HV24 RING & PINION SETS

5.43 (Weddle) 4.86 (Weddle)
5.14 (Weddle)

HV2 5-SPEED GEARS

HV25 MAINSHAFTS		HV2 3RD GEARS			HV2 4TH GEARS			HV25 5TH GEARS		
3.11x2.17	2.90x2.17	1.84	1.56	1.30	1.67	1.39	1.18	1.44	1.22	1.00
3.11x2.08	2.90x2.08	1.78	1.50	1.26	1.60	1.35	1.14	1.39	1.18	0.89
3.11x1.93	2.90x1.86	1.71	1.44	1.22	1.56	1.30	1.09	1.35	1.14	0.82
		1.67	1.39	1.18	1.50	1.26	1.04	1.30	1.09	0.75
		1.60	1.35	1.14	1.44	1.22	1.00	1.26	1.04	

HV25 RING & PINION SETS

5.43 (Weddle) 4.86 (Weddle)
5.14 (Weddle) 3.56 (Weddle)

MD4-2D GEARS

MD4-2D 4-SPEED GEARS

MD4-2D MAINSHAFTS		MD4-2D 3RD GEARS			MD4-2D 4TH GEARS				
3.11x2.17	2.90x2.08	1.84	1.56	1.39	1.56	1.35	1.18	1.00	0.77
3.11x2.08	2.90x1.93	1.67	1.50	1.35	1.50	1.30	1.14	0.93	0.75
3.11x1.93	2.90x1.86	1.60	1.44		1.47	1.26	1.09	0.89	0.73
					1.39	1.22	1.04	0.82	0.70

MD4-2D RING & PINION SETS

5.43 (Weddle) 4.86 (Weddle)
5.14 (Weddle) 3.88 (Weddle)

MD5 GEARS

MD5-SPEED GEARS

MD5 MAINSHAFTS		MD5 3RD GEARS			MD5 4TH GEARS				MD5 5TH GEARS			
3.11x2.08		1.84	1.56	1.39	1.60	1.44	1.26	1.09	1.50	1.30	1.09	0.82
		1.67	1.50	1.35	1.56	1.39	1.22	1.04	1.47	1.26	1.04	0.77
		1.60	1.44		1.50	1.35	1.18	1.00	1.44	1.22	1.00	0.75
MD5 RING & PINION SETS					1.47	1.30	1.14	0.93	1.39	1.18	0.93	0.73
5.43 (Weddle)	4.86 (Weddle)								1.35	1.14	0.89	0.70
5.14 (Weddle)												

SEQUENTIAL GEARS

S4 GEARS (4-SPEED)

S4 1ST GEARS			S4 2ND, 3RD, 4TH GEARS				
3.27	3.09	2.91	2.21	1.93	1.56	1.37	1.20
			2.14	1.67	1.50	1.32	1.14
			2.08	1.59	1.44	1.26	1.10

S5 GEARS (5-SPEED)

S5 1ST GEARS			S5 2ND GEARS		S5 3RD, 4TH, 5TH GEARS					
3.27	3.09	2.91	2.21	2.08	1.86	1.67	1.50	1.32	1.14	1.00
			2.14	1.93	1.79	1.59	1.44	1.26	1.10	0.89
					1.75	1.56	1.37	1.20	1.04	

S4/S5 10" RING & PINION SETS

5.14 (Weddle)	4.63 (Weddle)
4.86 (Weddle)	3.56 (Weddle)

S4D/S5D 11.5" RING & PINION SETS

4.88 (Weddle)	4.63 (Weddle)
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