

VW 113/002 GEARS

Updated December 6, 2019

RACING GEARS FOR VW 113/002

HYBRID 113/002 SPLINED MAINSHAFTS (1STx2ND GEARS)

4.25x2.54	3.75x2.08	3.44x2.08	3.11x2.08
4.13x2.46	3.44x2.36	3.44x1.93	3.11x1.93
3.75x2.46	3.44x2.25	3.11x2.25	3.11x1.86
3.75x2.25	3.44x2.17	3.11x2.17	2.90x1.86

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

2.00	1.60	1.30	1.56	1.35	1.18
1.95	1.56	1.26	1.50	1.30	1.14
1.84	1.50	1.22	1.44	1.26	1.00
1.78	1.44	1.14	1.39	1.22	0.93
1.71	1.39				
1.67	1.35				

113 STYLE 4TH GEARS

HYBRID 113/002 3RDS

2.00	1.60	1.30	1.56	1.26	1.00
1.95	1.56	1.26	1.50	1.22	0.93
1.84	1.50	1.22	1.44	1.18	0.89
1.78	1.44	1.14	1.39	1.14	0.82
1.71	1.39		1.35	1.09	0.77
1.67	1.35		1.30	1.04	0.70

HYBRID 113/002 4THS

SPORTSMAN MODERATE DUTY GEARS

SPORTSMAN 3RD GEARS

1.70	1.48
1.58	

SPORTSMAN 4TH GEARS

1.58	1.32K	1.22K	1.13K	1.04K	0.82	0.77
1.32	1.22	1.13	1.04	0.89	0.82K	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

4.86 (USA)	3.88 Keyed (China)
4.13 (Weddle)	3.44 (Weddle)
3.88 (Weddle)	3.44 (Weddle) due May 2020

VW 002 BUS R&P SETS

4.86 (Weddle)	4.13 (Weddle)
4.57 (Weddle)	4.13 (Sportsman)
4.57 (Sportsman)	

4.13 & 4.57 (Sportsman) due Feb 2020
4.13 (Weddle) due Dec, 4.86 (Weddle) due Dec

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
3.44x2.46	3.44x2.08	3.11x1.93	1.75	1.47	1.22	1.47	1.14	0.75
3.44x2.36	3.11x2.36		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)	

4.13 (Weddle) due Dec, 4.86 (Weddle) due Dec

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	1.47	1.22	1.00	0.75
3.44x2.08	2.90x1.86	1.50	1.30	1.09	1.39	1.18	0.93	0.73
		1.47	1.26		1.35	1.14	0.89	0.70
		1.44	1.22		1.30	1.09	0.82	
		1.39	1.18		1.26	1.04	0.77	

VW 094 RING & PINION SETS

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

4.13 (Weddle) due Dec

WEDDLE HV GEARS

WEDDLE HV1 GEARS

HV1 MAINSHAFTS		HV1 3RD GEARS				HV1 4TH GEARS			
3.44x2.08	3.11x1.86	1.50	1.39	1.26	1.14	1.35	1.18	1.00	0.77
		1.47	1.35	1.22	1.09	1.30	1.14	0.93	0.75
		1.44	1.30	1.18		1.26	1.09	0.89	0.73
						1.22	1.04	0.82	0.70

HV1 RING & PINION SETS

5.43 (Weddle) 5.14 (Weddle)

WEDDLE HV2 4-SPEED AND 5-SPEED GEARS

HV2 MAINSHAFTS		HV2 3RD GEARS			HV2 4TH GEARS			HV2 5TH GEARS		
3.44x2.17*	2.90x2.17	1.84	1.56	1.30	1.67	1.35	1.09	1.44	1.22	1.00
3.11x2.17	2.90x2.08	1.78	1.50	1.26	1.60	1.30	1.04	1.39	1.18	0.89
3.11x2.08	2.90x1.93	1.71	1.44	1.22	1.56	1.26	1.00	1.35	1.14	0.82
3.11x1.93	2.90x1.86	1.67	1.39	1.18	1.50	1.22	0.89	1.30	1.09	0.75
3.11x1.86*		1.60	1.35	1.14	1.44	1.18		1.26	1.04	
*4-Speed only					1.39	1.14				

HV2 4-SPEED RING & PINION SETS

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

HV2 5-SPEED RING & PINION SETS

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

3.56 due May

MD4-2D GEARS

MD4-2D 4-SPEED GEARS

MD4-2D MAINSHAFTS			MD4-2D 3RD GEARS			MD4-2D 4TH GEARS				
3.11x2.17	2.90x2.17	2.90x1.86	1.84	1.60	1.39	1.60	1.44	1.26	1.09	0.89
3.11x2.08	2.90x2.08		1.78	1.56	1.35	1.56	1.39	1.22	1.04	0.82
3.11x1.93	2.90x1.93		1.71	1.50		1.50	1.35	1.18	1.00	0.77
			1.67	1.44		1.47	1.30	1.14	0.93	0.75

MD4-2D RING & PINION SETS

6.14 (Weddle) 5.14 (Weddle) 3.88 (Weddle)
5.43 (Weddle) 4.86 (Weddle) 3.88 due May

MD5 GEARS

MD5-SPEED GEARS

MD5 MAINSHAFTS		MD5 3RD GEARS				MD5 4TH GEARS				MD5 5TH GEARS			
3.11x2.17	2.90x2.17	1.84	1.67	1.50	1.35	1.60	1.44	1.26	1.09	1.50	1.30	1.09	0.82
3.11x2.08	2.90x2.08	1.78	1.60	1.44		1.56	1.39	1.22	1.04	1.47	1.26	1.04	0.77
		1.71	1.56	1.39		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

LQ 6-SPEED GEARS

LQ 1ST GEARS		LQ 2ND GEARS		LQ 3RD, 4TH, 5TH, 6TH GEARS			
3.17	2.54	2.27	2.13	1.86	1.35	1.21	
2.71							
LQ RING & PINION SETS							
4.86 (Weddle)	4.57 (Weddle)						

S4 AND S5 GEARS

S4 1ST GEARS			S4 2ND, 3RD, 4TH GEARS							
3.27	3.09	2.91	2.21	1.93	1.67	1.50	1.32	1.14	1.00	
			2.14	1.86	1.59	1.44	1.26	1.10		
			2.08	1.75	1.56	1.37	1.20	1.04		
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					S4D/S5D 11.5" RING & PINION SETS					
5.43 (Weddle)		4.86 (Weddle)	3.56 (Weddle)		4.88 (Weddle)		4.63 (Weddle)			
5.14 (Weddle)		4.63 (Weddle)								