

VW 113/002 GEARS

Updated July 01, 2022

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	1.44
1.60	1.26

113 STYLE 4TH GEARS

1.44	1.26
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HYBRID 113/002 3RDS

1.84	1.56	1.30
1.78	1.50	1.26
1.71	1.44	1.22
1.67	1.39	1.14
1.60	1.35	

HYBRID 113/002 4THS

1.50	1.22	0.93
1.44	1.18	0.89
1.39	1.14	0.82
1.35	1.09	0.77
1.30	1.04	0.70
1.26	1.00	

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	0.82K	0.77K
1.32	1.22	1.13	1.04	0.82	0.77	

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)	

VW 002 BUS R&P SETS

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

VW 091, 094 GEARS

VW 091 GEARS

091 MAINSHAFTS (1STx2ND GEARS)

3.75x2.36	3.44x2.25	3.11x2.25
3.75x2.08	3.44x2.17	3.11x2.08
3.44x2.36	3.44x2.08	3.11x1.93

091 3RD GEARS

1.84	1.56	1.30
1.78	1.50	1.26
1.75	1.47	1.22
1.71	1.44	1.18
1.67	1.39	1.14
1.60	1.35	1.09

091 4TH GEARS

1.56	1.22	0.82
1.50	1.18	0.77
1.47	1.14	0.75
1.44	1.09	0.73
1.39	1.04	0.70
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

3.44x2.25	2.90x1.93
3.44x2.08	2.90x1.86

094 3RD GEARS

1.75	1.35	1.14
1.50	1.30	1.09
1.47	1.26	
1.44	1.22	
1.39	1.18	

094 4TH GEARS

1.39	1.18	0.93	0.73
1.35	1.14	0.89	0.70
1.30	1.09	0.82	
1.26	1.04	0.77	
1.22	1.00	0.75	

VW 094 RING & PINION SETS

094 4-SPEED R&P SETS

5.43 (VW)	4.57 (Weddle)
4.86 (Weddle)	4.13 (Weddle)

094 5-SPEED R&P SETS

5.50 (VW)	4.57 (Weddle)
4.83 (VW)	

094 4WD VANAGON SYNCRO R&P SETS

4.86 Rear (Weddle)	6.17 Front (Weddle)
4.57 Rear (Weddle)	5.83 Front (Weddle)
	4.57 Front (VW)

WEDDLE HV GEARS

WEDDLE HV1 GEARS

HV1 MAINSHAFTS

~~3.44x2.08~~ 3.11x1.86

HV1 3RD GEARS

1.50 1.39 1.26 1.14
1.47 1.35 1.22 1.09
1.44 1.30 1.18

HV1 4TH GEARS

~~1.35~~ ~~1.18~~ 1.00 0.77
1.30 1.14 ~~0.93~~ 0.75
1.26 1.09 0.89 0.73
1.22 1.04 0.82 0.70

HV1 RING & PINION SETS

5.43 (Weddle)

WEDDLE HV2 4-SPEED AND 5-SPEED GEARS

HV2 MAINSHAFTS

~~3.44x2.17*~~ 2.90x2.17
3.11x2.17 2.90x2.08
3.11x2.08 2.90x1.93
3.11x1.93 2.90x1.86*
3.11x1.86*

HV2 3RD GEARS

1.84 ~~1.56~~ 1.30
1.78 1.50 1.26
1.71 1.44 1.22
1.67 1.39 1.18
1.60 1.35 1.14

HV2 4TH GEARS

1.67 1.35 1.09
1.60 1.30 1.04
~~1.56~~ 1.26 1.00
1.50 1.22
1.44 1.18
1.39 1.14

HV2 5TH GEARS

1.44 1.22 1.00
1.39 1.18 0.89
1.35 1.14 0.82
1.30 1.09 0.75
1.26 1.04

*4-Speed only

HV2 4-SPEED RING & PINION SETS

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

HV2 5-SPEED 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

3.11x2.17 2.90x2.08
3.11x2.08 2.90x1.93
3.11x1.93 2.90x1.86

MD4-2D 3RD GEARS

1.84 1.56 1.39
~~1.67~~ 1.50 1.35
1.60 1.44

MD4-2D 4TH GEARS

1.56 ~~1.39~~ 1.22 1.04 0.82 0.70
1.50 1.35 ~~1.18~~ 1.00 0.77
1.47 1.30 1.14 ~~0.93~~ ~~0.75~~
1.44 1.26 1.09 0.89 0.73

MD4-2D RING & PINION SETS

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

MD5 GEARS

MD5-SPEED GEARS

MD5 MAINSHAFTS

3.11x2.08

MD5 3RD GEARS

1.84 1.56 1.39
~~1.67~~ 1.50 1.35
 1.60 1.44

MD5 4TH GEARS

~~1.60~~ 1.44 1.26 1.09
 1.56 ~~1.39~~ 1.22 1.04
 1.50 1.35 ~~1.18~~ 1.00
 1.47 1.30 1.14 ~~0.93~~

MD5 5TH GEARS

1.50 1.30 1.09 0.82
 1.47 1.26 1.04 0.77
 1.44 1.22 1.00 ~~0.75~~
~~1.39~~ ~~1.18~~ ~~0.93~~ 0.73
 1.35 1.14 0.89 0.70

MD5 RING & PINION SETS

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

SEQUENTIAL GEARS

LQ 6-SPEED GEARS

LQ 1ST GEARS

~~3.17~~ 2.71 2.54

LQ 2ND GEARS

2.27 2.13

LQ 3RD, 4TH, 5TH, 6TH GEARS

1.86 1.35 1.21

LQ RING & PINION SETS

4.57 (Weddle)

S4 AND S5 GEARS

S4 1ST GEARS

3.27 3.09 ~~2.91~~

S4 2ND, 3RD, 4TH GEARS

2.21 1.93 1.59 1.44 1.26 1.10
 2.14 ~~1.75~~ 1.56 ~~1.37~~ ~~1.20~~
 2.08 1.67 1.50 1.32 1.14

S5 1ST GEARS

3.27 3.09 2.91

S5 2ND GEARS

2.21 2.08
 2.14 1.93

S5 3RD, 4TH, 5TH GEARS

1.86 1.67 1.50 1.32 1.14 1.00
 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)