

# VW 113/002 GEARS

Updated January 31, 2025

## 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	<b>Hybrid Splined Mainshafts</b> 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.
3.75x2.46	3.44x2.36	3.44x1.93	3.11x1.93	
3.75x2.25	3.44x2.25	3.11x2.25		

### HYBRID 113/002 3RDS

### HYBRID 113/002 4THS

1.84	1.56	1.30	1.50	1.22	0.93	<b>Hybrid 113/002 Style 3rd and 4th Gears</b> 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.
1.78	1.50	1.26	1.44	1.18	0.89	
1.71	1.44	1.22	1.39	1.14	0.82	
1.67	1.39	1.14	1.35	1.09	0.77	
1.60	1.35		1.30	1.04	0.70	
			1.26	1.00		

## SPORTSMAN MODERATE DUTY GEARS

### SPORTSMAN 3RD GEARS

### SPORTSMAN 4TH GEARS

1.70	1.48	1.58	1.32K	1.22K	1.13K	1.04K	0.82K	0.77K
1.58		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

4.13 Splined (Weddle)	3.44 Splined (Gleason)
3.88 Splined (Gleason)	3.44 Keyed (Gleason)
3.88 Keyed (Gleason)	

### 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

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## 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

1.50	1.22	0.89
1.47	1.18	0.82
1.44	1.14	<del>0.77</del>
1.39	1.09	0.75
1.35	1.04	0.70
1.30	1.00	
1.26	0.93	

## VW 091 RING & PINION SETS

### 091 R&P SETS

5.86 (VW)	<del>4.86 (Weddle)</del>
5.50 (VW)	<del>4.57 (Weddle)</del>

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## VW 094 GEARS

### 094 4-SPEED MAINSHAFTS

3.44x2.25	3.44x2.08
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### 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	1.22	1.04	0.77
1.35	1.18	1.00	0.75
1.30	1.14	0.89	0.73
1.26	1.09	0.82	0.70

## VW 094 RING & PINION SETS

### 094 4-SPEED R&P SETS

<del>4.86 (Weddle)</del>	4.13 (Weddle)
4.57 (Weddle)	

### 094 5-SPEED R&P SETS

5.50 (VW)	4.83 (VW)
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### 094 4WD VANAGON SYNCRO R&P SETS

4.86 Rear (Weddle)	5.83 Front (VW)
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# WEDDLE HV GEARS

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## HV2 4-SPEED GEARS

### HV24 MAINSHAFTS

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

### HV2 3RD GEARS

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

### HV2 4TH GEARS

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

### HV24 RING & PINION SETS

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

## HV2 5-SPEED GEARS

### HV25 MAINSHAFTS

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

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

### HV25 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	

### HV25 RING & PINION SETS

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

# MD4-2D GEARS

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## 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

1.50	1.35	1.18	1.00	<del>0.77</del>
1.47	1.30	1.14	0.93	0.75
1.44	1.26	1.09	0.89	0.70
1.39	1.22	1.04	0.82	

### MD4-2D RING & PINION SETS

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

# MD5 GEARS

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## 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

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

### 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 0.70  
1.35 1.14 0.89

### MD5 RING & PINION SETS

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5.43 (Weddle) 5.14 (Weddle)

# SEQUENTIAL GEARS

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## S4 GEARS (4-SPEED)

### S4 1ST GEARS

3.27 3.09 2.91

### S4 2ND, 3RD, 4TH GEARS

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

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

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

### S4D/S5D 11.5" RING & PINION SETS

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4.88 (Weddle) 4.63 (Weddle)