

Wheel Alignment

8-45

1962-72 VOLKSWAGEN SPECIFICATIONS & ADJUSTMENTS (Cont.)

Type 2 Rear (1962-68) — Using suitable protractor (VW 245a) check horizontal position of vehicle on one of frame side members. Reading to be taken into account in setting spring plate angle. Insert inner end of torsion bar in center anchor and press spring plate on outer end of torsion bar. Adjust protractor (VW 245a) on the unloaded spring plate until bubble is in the center position. Adjust to specifications by moving torsion bar one spline forward and spring plate back on spline or torsion bar back one spline and spring plate forward one spline until readings are within specifications.

Torsion Bar Specifications

Model Application

Setting

Type 1 All Models.....	20°30' + 50'
Type 2 (1962-68).....	20° ± 30'
Station Wagon (1969-72).....	23° + 50'
Kombi & Van (1969-72).....	21°10' + 50'
Type 3 Fastback.....	23° + 50'
Type 3 Squareback.....	21°30' + 50'

WHEEL ALIGNMENT SPECIFICATIONS						
R — Right F — Front Rr — Rear L — Left Man — Manual Steering Pwr — Power Steering	Steering Axis Inclin.	Caster (Degrees)	Camber (Degrees)	Toe-In	Toe-Out On Turns	
					Inner	Outer
TYPE 1 FRONT 1962-65 1966-72 Up To 115 979 202 ① From 116 000 001 ①	2° ± 35'	1° + 20' - 40'	30' ± 15'	....	....
	3° 20' ± 1°	40' ± 30'	30' ± 15'	....	....
	3° 20' ± 1°	30' ± 20'	30' ± 15'	....	....
TYPE 1 REAR 1962-68 All Models Up To 116 1021 298 ① All Models Up To 2 528 668 ① Sedan From 117 000 001 ① Karmann Ghia From 147 000 003 ① Convertible Up To 157 000 002 ① 1969-72 All Models	2° 30' ± 1°	-5' ± 10'	....	....
	3° ± 30'	-5' ± 10'	....	....
	1° ± 1°	-5' ± 10'	....	....
	15' ± 1°	-5' ± 10'	....	....
	15' ± 1°	-5' ± 10'	....	....
	-1° 20' ± 40'	0° ± 15'	....	....
TYPE 2 FRONT 1962-72 All Models Up To 217 148 459 ① All Models From 218 000 001 ①	max. 1°	40' ± 30'	5' ± 10'	....	....
	3° ± 40'	40' ± 20'	15' ± 15'	....	....
TYPE 2 REAR 1962-68 Van Station Wagon Kombi 1969-72 All Models	4° ± 30'	-25' ± 25'	....	....
	3° ± 30'	-25' ± 25'	....	....
	3° 30' ± 30'	-25' ± 25'	....	....
	-50' ± 30'	10' ± 20'	....	....
TYPE 3 FRONT 1965-72 All Models	4° ± 40'	1° 20' ± 20'	40' ± 15'	....	....
TYPE 3 REAR 1965-68 Up To 316 316 238 ① From 317 000 001 ① 1969-72 Fastback Squareback	2° 30' ± 1°	-5' ± 10'	....	....
	1° 45' ± 1°	-5' ± 10'	....	....
	-1° 20' ± 40'	5' ± 15'	....	....
	-1° 20' ± 40'	0° ± 15'	....	....