

# SERVICE DATA

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PPF:00030

### Wheel Alignment (Unladen)

AES00033

Camber Degree minute (Decimal degree)	Minimum	- 1° 20' (- 1.33°)	
	Nominal	- 0° 35' (- 0.58°)	
	Maximum	0° 10' (0.17°)	
	Left and right difference	45' (0.75°)	
Caster Degree minute (Decimal degree)	Minimum	7° 25' (7.42°)	
	Nominal	8° 10' (8.17°)	
	Maximum	8° 55' (8.92°)	
	Left and right difference	45' (0.75°)	
Kingpin inclination Degree minute (Decimal degree)	Minimum	4° 20' (4.33°)	
	Nominal	5° 05' (5.08°)	
	Maximum	5° 50' (5.83°)	
Total toe-in	Distance (A - B)	Minimum	0 mm (0 in)
		Nominal	1 mm (0.04 in)
		Maximum	2 mm (0.08 in)

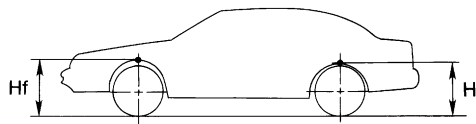
### Ball Joint

AES00034

Swing torque	Less than 2.0 N-m (0.20 kg-m, 18 in-lb) (Upper link) 0.147 - 2.45 N-m (0.02 - 0.24 kg-m, 2 - 21 in-lb) (Compression rod)
Measurement on spring balance (cotter pinhole position)	Less than 34.8 N (3.5 kg, 7.8 lb) (Upper link) 2.37 - 39.5 N (0.24 - 4.03 kg, 0.53 - 8.88 lb) (Compression rod)
Rotating torque	Less than 2.0 N-m (0.20 kg-m, 18 in-lb) (Upper link) 0.147 - 2.45 N-m (0.02 - 0.24 kg-m, 2 - 21 in-lb) (Compression rod)
Axial end play	0 mm (0 in)

### Wheelarch Height (Unladen\*)

AES00035



SFA818A

Applied model	225/50R17 (Front) 235/50R17 (Rear)		225/45R18 (Front) 245/45R18 (Rear)	
	Coupe	Road star	Coupe	Road star
Front (Hf)	681 mm (26.81 in)	679 mm (26.73 in)	683 mm (26.89 in)	
Rear (Hr)	700 mm (27.56 in)	699 mm (27.52 in)	706 mm (27.80 in)	705 mm (27.76 in)

\*: Fuel, radiator coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.