

2007 MINI Cooper

2002-07 GENINFO Steering and Suspension - Overview - MINI

Data	MINI COOPER / MINI COOPER S
Ride height front ⁽¹⁾	660 mm ± 10 mm (15") 673 mm (16") 686 mm (17")
Ride height rear ⁽²⁾	543 mm ± 10 mm (15") 556 mm (16") 571 mm (17")
Toe front left	0° 00' ±7.5'
Toe front right	0° 00' ±7.5'
Total toe front	0° 00' ±15'
Toe rear left	0° 12' ±0° 04'
Toe rear right	0° 12' ±0° 04'
Total toe rear	0° 24' ±0° 08'
Camber front left	-0° 54' ±0° 30'
Camber front right	-0° 54' ±0° 30'
Maximum variation	1°
Camber rear left	-1° 32' ±0° 30'
Camber rear right	-1° 32' ±0° 30'
Maximum variation	0° 30'
Castor left	+4° 58' ±30'
Castor right	+4° 58' ±30'
KPI left	+11° 32' ±30'
KPI right	+11° 32' ±30'
Setback (Thrust angle)	0° 00' ±0° 10'
Wheel Base	2467
Front track	1462 mm / 1456 mm (COOPER S)
Rear track	1465.6 mm / 1460 mm (COOPER S)
	(1456 mm with 205/45 R17 tires on COOPER S)

(1) Ride height is measured between bottom of rim flange and special tool.

(2) Ride height is measured between bottom of rim flange to lower edge of wheel arch.

Suspension Loading Information for Alignment

SUSPENSION LOADING INFORMATION FOR ALIGNMENT

Driver Seat	Passenger Seat	Rear Seat	Trunk
68 kg	68 kg	0kg	14kg

