

2012 > G 1.6 DOHC >

Language



Specifications

Front Suspension

Item		Specification
Suspension type		MacPherson Strut
Shock absorber	Type	GAS
Coil spring	Free Height [I.D. color]	303.5mm (White-2)
		309.8mm (Blue-2)
		311.8mm (Green-2)
		314.4mm (Red-2)

Rear Suspension

Item		Specification
Suspension type		Torsion Beam Axle
Shock absorber	Type	GAS
Coil spring	Free Height [I.D. color]	296.5mm (White-White)

Wheel & Tire

Item		Specification
Wheel	Aluminum	5.5J * 14
		5.5J * 15
		5.5J * 16
	Steel	5.5J * 14
Tire	175/70 R14	
	185/60 R15	
	195/50 R16	
Tire pressure		2.2kg/cm ² (32psi)

Wheel Alignment

General / Europe

Item			Specification
Front	Toe-in	Total	0.15° ± 0.2°
		Individual	0.075° ± 0.1°
	Camber angle		-0.4° ± 0.5°
	Caster angle		4.0° ± 0.5°
	King-pin angle		13.6° ± 0.5°
	Toe-in	Total	0.5° (+0.4° / -0.5°)

Rear		Individual	0.25°(+0.2°/ -0.25°)
	Camber angle		-1.5° ± 0.5°

Australia

Item			Specification
Front	Toe-in	Total	0.15° ± 0.2°
		Individual	0.075° ± 0.1°
	Camber angle		-0.5° ± 0.5°
	Caster angle		4.1° ± 0.5°
	King-pin angle		13.8° ± 0.5°
Rear	Toe-in	Total	0.5° (+0.4°/ -0.5°)
		Individual	0.25°(+0.2°/ -0.25°)
	Camber angle		-1.5° ± 0.5°

Tightening Torques

Front Suspension

Item	Tightening torque (kgf.m)		
	Nm	kgf.m	lb-ft
Hub nuts	88.3 ~ 107.9	9.0 ~ 11.0	65.1 ~ 79.6
Lower arm to sub frame (Front)	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Lower arm to sub frame (Rear)	156.9 ~ 176.5	16.0 ~ 18.0	115.7 ~ 130.2
Lower arm to front axle	58.8 ~ 70.6	6.0 ~ 7.2	43.4 ~ 52.1
Tie rod end castle nut	23.5 ~ 33.3	2.4 ~ 3.4	19.4 ~ 24.6
Steering gear box to sub frame	58.8 ~ 78.8	6.0 ~ 8.0	43.4 ~ 57.9
Stabilizer bar to stabilizer link	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Stabilizer bar to sub frame	44.1 ~ 53.9	4.5 ~ 5.5	32.5 ~ 39.8
Stabilizer bar to front strut assembly	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Front strut assembly to front axle	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Sub frame mounting bolt & nut	156.9 ~ 176.5	16.0 ~ 18.0	115.7 ~ 130.2
Bolt connecting universal joint to pinion	32.4 ~ 38.3	3.3 ~ 3.8	23.9 ~ 27.5

Rear Suspension

Item	Tightening torque (kgf.m)		
	Nm	kgf.m	lb-ft
Hub nuts	88.3 ~ 107.9	9.0 ~ 11.0	65.1 ~ 79.6
Shock absorber to body	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Shock absorber to torsion beam axle	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8
Torsion beam axle to body	98.1 ~ 117.7	10.0 ~ 12.0	72.3 ~ 86.8

Torsion beam axle to rear axle	49.0 ~ 58.8	5.0 ~ 6.0	36.2 ~ 43.4
Torsion beam axle to disc brake	63.7 ~ 73.5	6.5 ~ 7.5	47.0 ~ 54.2