
GROUP 33

**FRONT
SUSPENSION**

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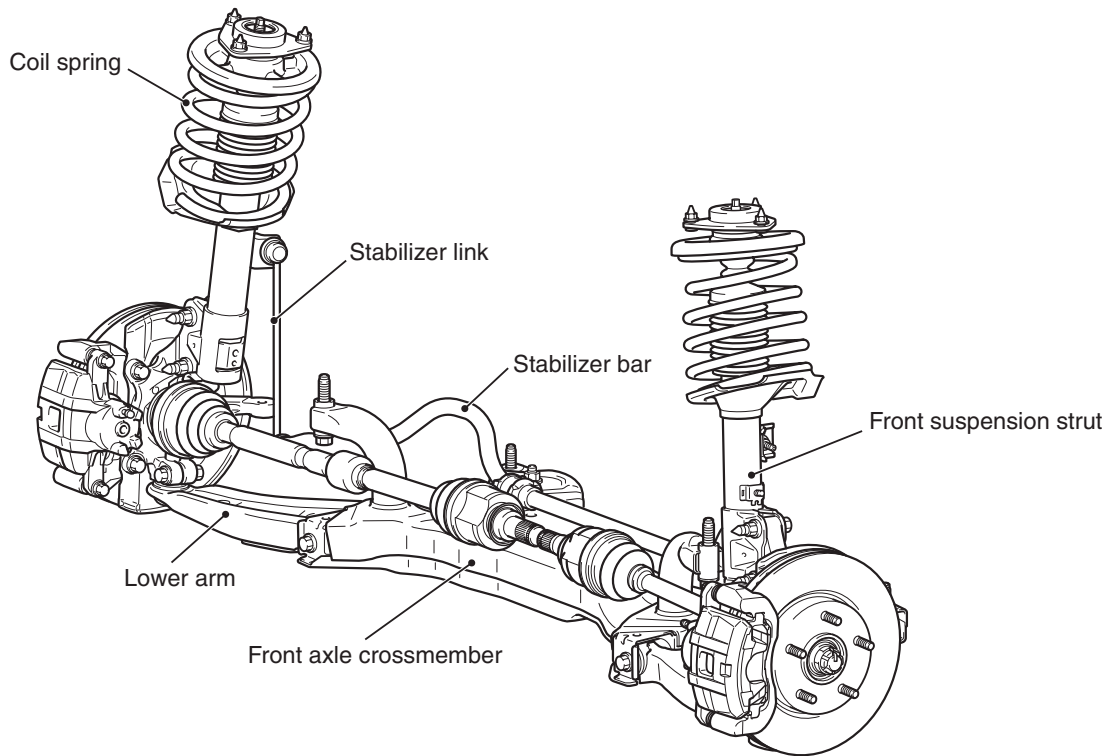
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The MacPherson strut type suspension is adopted.

MAIN FEATURES

- The wheel tread is increased to improve cornering ability.
- The roll center height is modified to improve the steering ability.
- Increased suspension stroke improves road holding quality, and secures good adhesion even on bumpy-rough roads to reduce shocks received when the vehicle negotiates bumps.
- The fully flattened crossmember improves the left/right direction rigidity of installation points of the lower arms for high steering ability.
- Tuning of the lower arm bushes improves the steering ability and riding comfort.
- The stabilizer bar is joined to the strut for high efficiency to secure the optimum rolling rigidity, and improves the steering ability.
- Total tuning of struts, springs, and bump rubbers improves the steering ability and riding comfort.

CONSTRUCTION DIAGRAM



AC607283 AB

SPECIFICATIONS

SUSPENSION SYSTEM

Item	Specification
Suspension type	MacPherson strut with coil spring

WHEEL ALIGNMENT

Item	Specification
Camber	-0° 05'

Item	Specification
Caster	2° 40'
Kingpin inclination	13° 30'
Toe-in mm (in)	1 (0.04)

COIL SPRING

Item	Specification		
		DE, ES	GTS
Wire diameter mm (in)	14 (0.6)		
Average outside diameter mm (in)	159 (6.3)		
Free length mm (in)	5MT	331 (13.0)	316 (12.4)
	CVT	338 (13.3)	322 (12.7)

NOTES