

GROUP 33

FRONT SUSPENSION

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GENERAL INFORMATION

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The MacPherson strut type suspension is adopted.

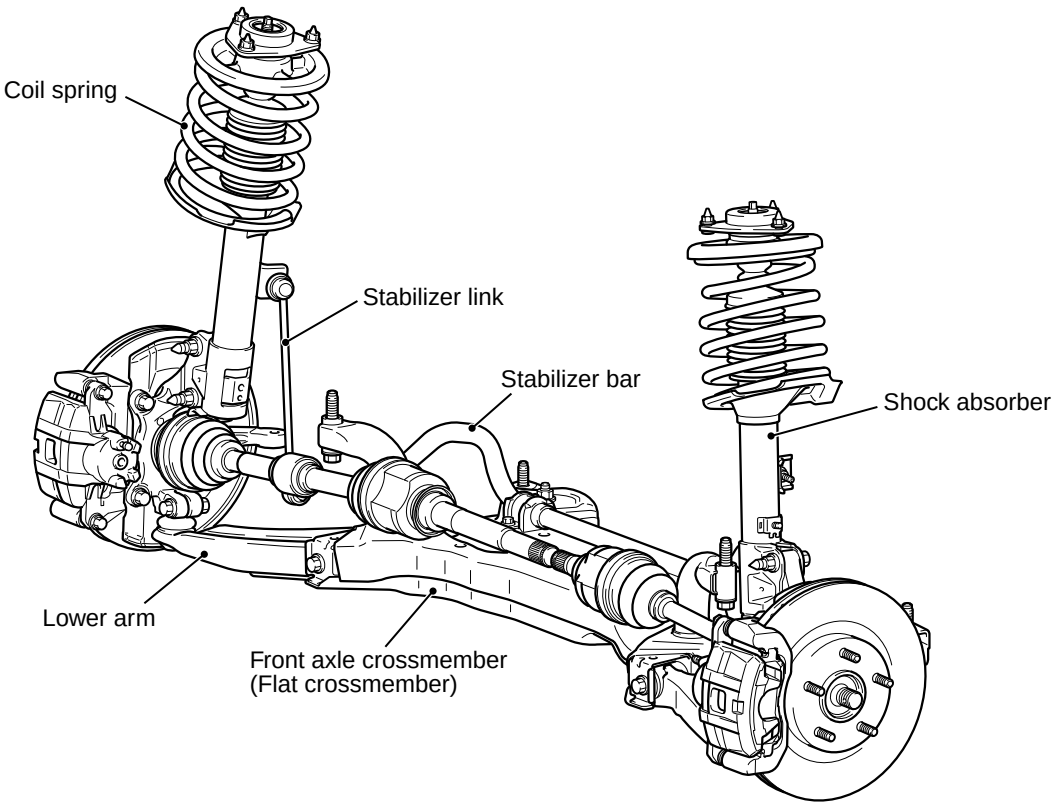
MAIN FEATURES

- The wheel tread is enlarged to improve cornering ability.
- The roll center height is reviewed with regarding the vehicle specifications to improve the steering ability.
- Increasing of the suspension stroke enables to improve the 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



ZC6008360000

SPECIFICATIONS

SUSPENSION SYSTEM

ITEM	SPECIFICATION
Suspension type	MacPherson strut with coil spring

WHEEL ALIGNMENT

ITEM	SPECIFICATION
Camber	0°21'
Caster	2°57'
Kingpin inclination	12°44'
Toe-in mm (in)	1 (0.04)

COIL SPRING

ITEM	SPECIFICATION
Wire diameter mm (in)	14 (0.6)
Average outside diameter mm (in)	159 (6.2)
Free length mm (in)	345 (13.5)

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