
GROUP 34

REAR SUSPENSION

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GENERAL DESCRIPTION

M2340000100494

Rear suspension has low-mount multi-link type suspension with integrated double cross member which has high rigidity for stability.

FEATURES

SHOCK ABSORBER

Improved handling and noise isolation by changing body side attaching point of shock absorber from upper side of wheelhouse to high rigidity area of side member.

SUSPENSION RIGIDITY

Improved handling stability by keeping suspension rigidity by wider arm span and optimizing bush tuning. Also improved ride comfort by optimizing bigger trailing arm tuning. Handling and ride comfort have been improved by adopting the high rigidity and low friction pillow ball bushing and ball joint at the lower arm and toe control arm to knuckle connecting points.

STABILIZER

Improved the response by adopting the ball joint type linkage.

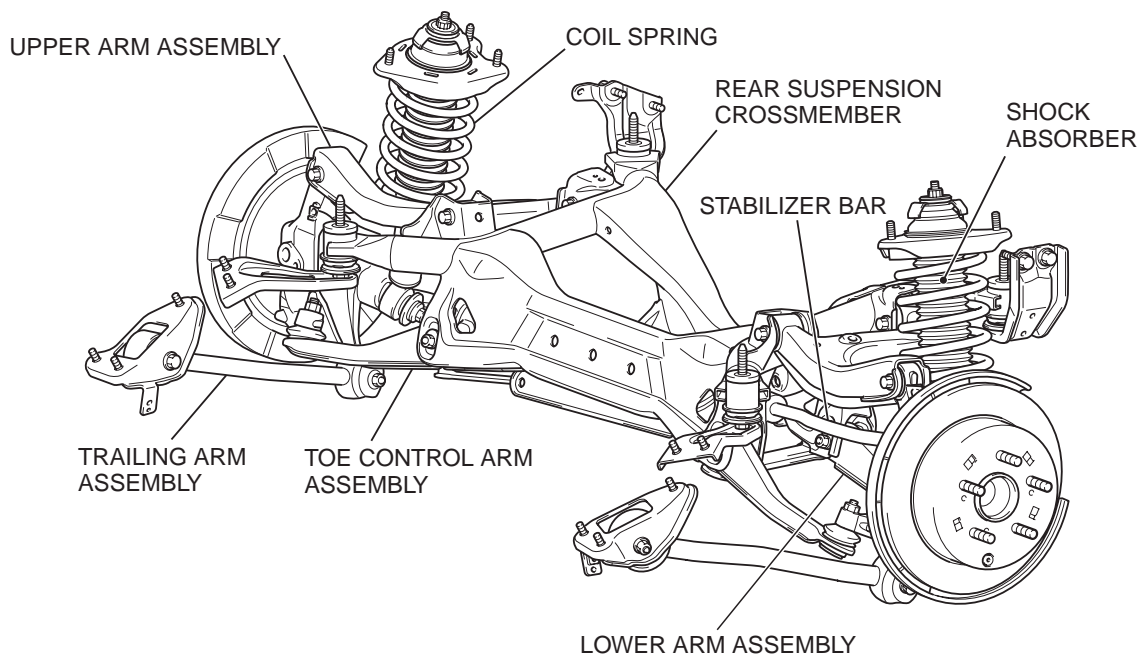
CROSSMEMBER

Maintained high rigidity and reduced weight by adopting integrated double cross member.

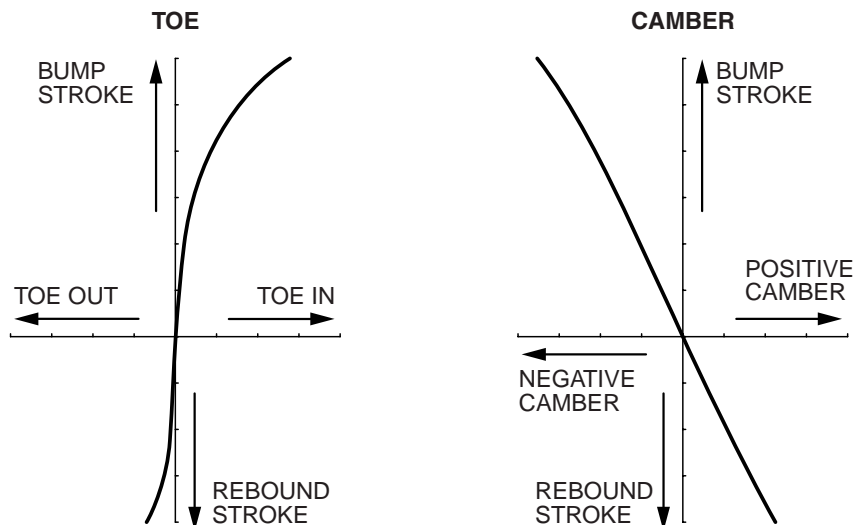
ALIGNMENT

Optimized toe, camber characteristics by using long suspension arm.

CONSTRUCTION DIAGRAM



AC405701 AB



AC406384 AB

SPECIFICATIONS

SUSPENSION SYSTEM

ITEM	SPECIFICATION
Suspension method	Low mount multi-link

WHEEL ALIGNMENT

ITEM	SPECIFICATION
Camber	-0°50'
Toe-in mm (in)	3 (0.12)

COIL SPRING

ITEM	SPECIFICATION
Wire diameter mm (in)	11.8 (0.46)
Average diameter mm (in)	85.8 – 112.2 (3.38 – 4.42)
Free length mm (in)	330 (13.0)

NOTES