
GROUP 34

REAR SUSPENSION

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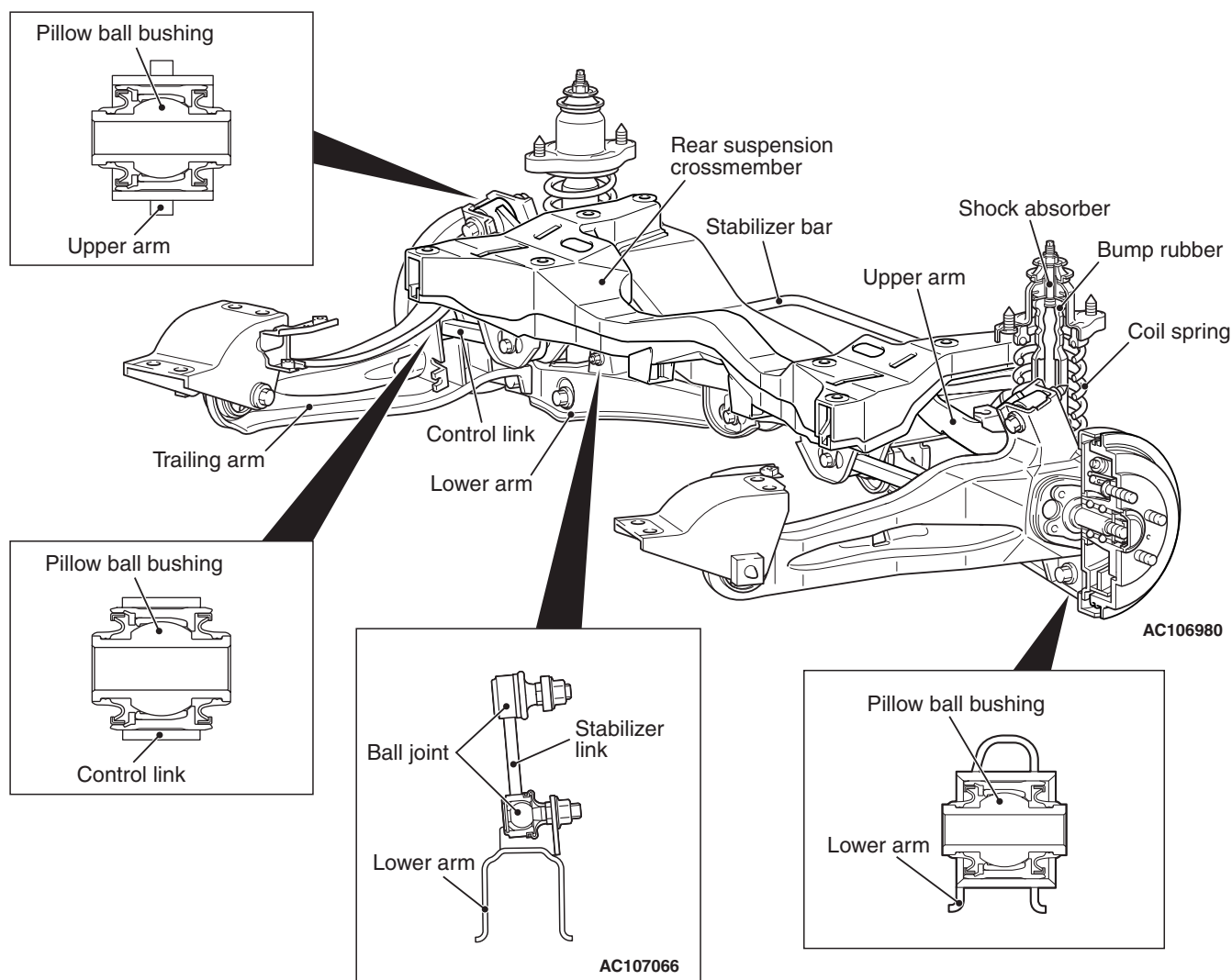
GENERAL DESCRIPTION

M2340000100591

A trailing arm type multi-link suspension has been adopted as the rear suspension. This suspension is basically the same as that of the current LANCER except for the followings:

- The wheel tread has been widened to improve steering ability.
 - The rear suspension crossmember has been used to improve the crossmember-to-suspension joint.
 - The suspension arms and links are connected to the rear suspension crossmember, improving lateral rigidity.
 - The stabilizer link is connected to the lower arm with a ball joint. This enhances the stabilizer efficiency and rolling rigidity.
- The damping force of the shock absorber and the coil spring constant have been optimized to improve steering ability and riding comfort.
 - Pillow ball-type bushings are attached to the upper arm, the lower arm and the control link. This improves lateral rigidity and reduces friction.
 - The spring characteristics of the bushings of the upper arm, the lower arm, and the control link have been optimized to improve steering ability.
 - Material of the bump rubber has been changed to improve riding comfort and optimize rolling rigidity.

CONSTRUCTION DIAGRAM



AC504285AB

SPECIFICATIONS SUSPENSION SYSTEM

Item	Specification
Suspension method	Trailing arm type multi-link

WHEEL ALIGNMENT

Item		Specification
Camber		-0° 40'
Toe-in	At the centre of tyre tread mm	3
	Toe-angle (per wheel)	0° 08'

COIL SPRING

Item	2WD	4WD	
		Vehicles for General Export, GCC, Brazil, Australia and New Zealand	Vehicles for South Africa and Argentina
Wire diameter mm	11	11	11
Average diameter mm	79 –91	79 –91	79 –91
Free length mm	375	380	350

NOTES