

ACDelco Advantage Chassis Spherical Bushing technology



MS251112



MS251123/4

Spherical Bushing technology supports extended service life of control arms on some Chrysler/Dodge LX and LD RWD platforms.

- Advanced technology in spherical bushings can improve replacement without affecting NVH (noise, vibration, harshness)
- Enhanced forgings, cross-sections and greaseable sintered metal ball optimize performance
- Made for durability under all conditions



Hardware Included for complete install (MS251112)



Hardware Included for complete install (MS251123/4)



ACDelco Advantage Chassis

Spherical Bushing technology

- Due to position and placement on the vehicle, these control arms encounter dynamic fore to aft and lateral loading forces.
- The OE-style bushing is designed to be constantly under compression and exhibits limited deflection while in service.
- These combined load forces can separate the bushing from the inner sleeve. This process is accelerated by the restricted flex” inherent to the OE-style design.
- This results in the familiar ‘knock’ and torn rubber characteristic of a failed bushing, signaling replacement.

TYPICAL FAILURE MODE



RESTRICTED DEFLECTION
OE-style bushing has limited range of movement



TORN BUSHING
Load forces will tear bushing from sleeve

ACDelco ADVANCED ENGINEERING



- Innovative spherical construction allows the sleeve a wider range of motion while arm is under compression. This reduces stress on the rubber portion of the bushing.
- Improved bi-directional load and wear resistance provides proven durability and extended service life.

CONTROL ARMS FEATURE:

- Greasable Sintered Metal Bearings
- Application-Specific Ball Studs with Added Material
- Thicker Forged Materials
- Hardware and Pre-Installed Components for Quick Fitting



AVAILABLE NOW

PART NUMBER	POSITION	APPLICATION
MS25120/1	Front Lower Left/ Right Forward	2005-2010 Chrysler 300, Dodge Charger and Challenger RWD
MS25119	Front Lower Rearward	2005-2010 Chrysler 300, Dodge Charger and Challenger RWD
MS251123/4	Front Lower Left/ Right Forward	2011-2019 Chrysler 300, Dodge Charger and Challenger RWD
MS251112	Front Lower Rearward	2011-2019 Chrysler 300, Dodge Charger and Challenger RWD

Contact your ACDelco parts supplier for warranty and additional parts information.

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