

## MS25511 BALL JOINT ENGINEERED SOLUTIONS



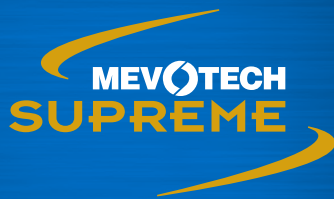
2007-2012 Dodge Caliber (PM)



2007-2017 Jeep Compass (MK)



2007-2017 Jeep Patriot (MK)



MS25511



Hardware Included

**Mevotech™ MS25511**  
The engineered and upgraded aftermarket solution that extends ball joint service life on problematic Dodge PM and Jeep MK platforms.

- Addresses OE design issues with an advanced fastening method that securely holds the ball joint to the arm.
- Optimizes performance with greaseable sintered metal bearings.
- Delivers increased durability with superior design and engineering.

- Dodge PM and Jeep MK platforms use a Macpherson-style suspension setup that features a front lower control arm and ball joint.
- The OE control arm is constructed using thin stamped steel. Additionally, the OE does not offer a replacement ball joint.
- Due to the design and material limitations of the OE assembly, when replacement of the ball joint is attempted, there is a possibility of deformation to the bore and/or control arm body during press out and press in.
- This deformation reduces total contact area, which limits pull-out resistance.

## Typical Failure Mode



### DEFORMED CONTROL ARM

*Damage to control arm during press out and press in prevents proper installation and retention.*

## Mevotech's Engineered Solution



Our engineered solution allows the ball joint to be simply and securely fastened to control arm body, using a specifically designed nut.

Locking adhesive is also pre-applied to the ball joint threads, improving retention force.

This reduces repair time and provides an installation procedure superior to alternative parts and methods.



## SUPREME

### Ball Joints also feature:

- Greasable sintered metal bearings
- Application-specific ball studs with added material
- Thicker forged housings
- Hardware and installation aids included for quick fitting

## AVAILABLE NOW

| Part Number | Position    | Application                |
|-------------|-------------|----------------------------|
| MS25511     | Front Lower | 2007-2012<br>Dodge Caliber |
|             |             | 2007-2017<br>Jeep Compass  |
|             |             | 2007-2017<br>Jeep Patriot  |

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