



# FTC25511 **BALL JOINT** ENGINEERED SOLUTIONS



2012-2007 Dodge Caliber (PM)



2017-2007 Jeep Compass (MK)



2017-2007 Jeep Patriot (MK)

FTC25511



Hardware included for complete install

**NAPA Fleet Chassis**  
**FTC25511 is the engineered solution for extended ball joint service life on Dodge and Jeep hatchbacks and cross-over SUVs.**

- Addresses retention issues with an advanced fastening method that securely retains ball joint to the control arm
- Optimizes performance with greaseable self-lubricating sintered bearings
- Maximize vehicle uptime with NAPA Fleet Chassis



# FTC25511 FRONT LOWER BALL JOINT

- Dodge PM, Jeep MK and Mitsubishi GS platforms use a Macpherson-style suspension setup that features a front lower control arm and ball joint.
- OE and OE-style control arms are 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 reduces pull-out resistance.

## Typical Failure Mode



### DEFORMED CONTROL ARM

*Damage to control arm during press out and press in prevents proper installation and retention, especially if attempted multiple times.*

## NAPA Fleet 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.



### Replacement chassis parts also feature:

- Patented sintered bearings
- Patented dust boot designs
- DEFEND-X™ anti-corrosion coatings
- OPTITEK™ lubrication
- Time-saving advantages such as hardware and install aids in the box



Part Number	Position	Application
FTC25511	Front Lower	2012-2007 Dodge Caliber
		2017-2007 Jeep Compass
		2017-2007 Jeep Patriot
		2017-2008 Mitsubishi Lancer
		2017-2012 Mitsubishi Outlander Sport
		2017-2012 Mitsubishi RVR