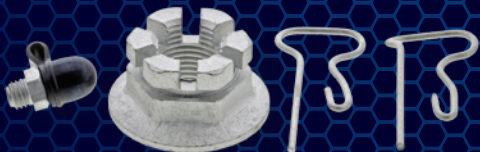




FTC25506 BALL JOINT PATENTED SOLUTIONS



FTC25506



Hardware included for complete install

**NAPA Fleet Chassis
FTC25506 is the
patented solution for
problematic solid axle
Dodge RAM memory
steer applications.**

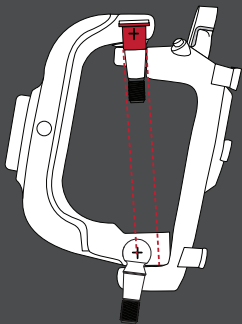
- Patented technology (*US Pat N°10605309*) combines extreme durability and solutions-oriented engineering
- Enhanced to optimize performance
- Maximize vehicle uptime with NAPA Fleet Chassis



FTC25506 FRONT UPPER BALL JOINT

- Solid axles may develop imperfections over vehicle life. This process can be accelerated if the vehicle is used for working purposes or under severe duty service conditions
- On the front axle, these imperfections may commonly appear as misaligned upper and lower ball joint points on the knuckle
- To adjust for this variation, some aftermarket ball joints use a polymer bearing, which will deform to compensate for the misaligned mounting points
- However, the constant off-centre loading forces, combined with the polymer bearing, may lead to “binding” and or early failure of the replacement part

Typical Failure Mode



WORN KNUCKLE

Out of specification upper and lower mounting points lead to off-centre loading



POLYMER BEARING DESIGN

Constant off-centre loading leads to deformation.

NAPA Fleet Patented Solution



Oversized sintered metal bearing with large contact area is engineered to accommodate challenges of a worn knuckle.

Bearing and stud work together to withstand increased off-centre loads, through telescoping and swinging motion.

Patented design can withstand greater loads in all ranges of movement and provides extended part life.



Replacement chassis parts also feature:

- Patented Sintered Bearings Inside
- 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
FTC25506	Front Upper	2008-2006 Dodge RAM 1500 2021-2003 Dodge RAM 2500 2021-2003 Dodge RAM 3500

For additional information and availability, please contact your NAPA representative
NAPACanada.com