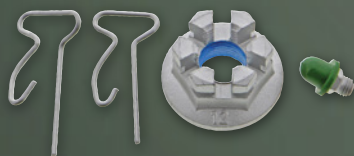




# FRONT UPPER BALL JOINT PATENTED SOLUTIONS



TXMS25506



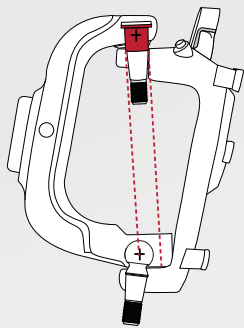
Hardware Included for complete install

## **Mevotech's TTX TXMS25506 is the engineered and patented solution for problematic Dodge RAM Memory Steer applications**

- Exclusive Mevotech patented technology combines simplicity and extreme durability
- TTX ball joint enhancements optimize performance
- Ultimate engineering – the most innovative and longest lasting designs

- Over vehicle life, solid axles may develop imperfections. This process can be accelerated under heavy duty service.
- Commonly this appears as misaligned upper and lower ball joint mounting points on the knuckle.
- To adjust for this variation, some ball joints use a plastic bearing, which will deform to compensate.
- However, the constant off-centre loading and plastic bearing design may lead to 'binding' and or early failure of the part.

## Typical Failure Mode



### WORN KNUCKLE

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



### PLASTIC BEARING DESIGN

Constant off-centre loading leads to deformation.

## Mevotech's 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.



## BALL JOINTS FEATURE:

- Patented Sintered Metal Bearings
- Patented Locking Boot Design
- Repel-Tek™ Coatings
- Thicker Forged Materials
- Easy-Snap™ Cotter Pins
- Installation Tools



## AVAILABLE NOW

Part Number	Application
TXMS25506	2008-2006 Dodge Ram 1500
	2024-2003 Dodge Ram 2500
	2024-2015 Dodge Ram 3500