FRONT UPPER AND LOWER BALL JOINT PATENTED SOLUTIONS



2023-2008 RAM 4500 & 5500



TTX TXMS25519 and TXMS25520 are the patented solution for extended service life front upper and lower ball joints on RAM 4500 and 5500 full-size trucks.

- Patented greaseable self-lubricating sintered Dynamic Control Bearing™ optimizes performance and durability
- Exclusive installation aids reduce fitting time and ensure precision press-in
- Ultimate engineering – TTX delivers the most innovative and long-lasting parts

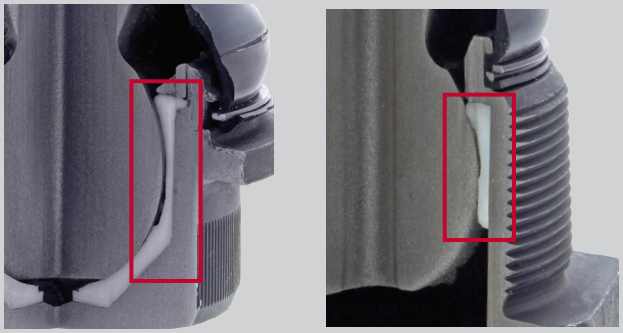
MEVOTECH

ULTIMATE ENGINEERING

TXMS25519/TXMS25520 BALL JOINT

- The originally equipped and some aftermarket front upper and lower ball joints use a non-greaseable plastic bearing.
- This design approach reduces part manufacturing cost and overall part weight. However, an engineered solution is required for these working vehicles, which typically encounter high load and high heat service conditions.
- Additionally, correct installation of the front upper ball joint requires an uncommon socket size, while the lower ball joint requires a specialized press-in adaptor.

Originally Equipped Ball Joints



BEARING

Both upper and lower ball joints are characterized by thin wall plastic bearings

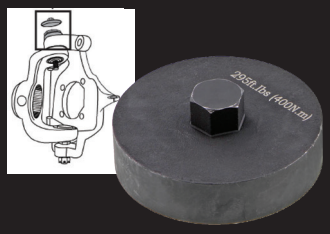
TTX's Patented Solution



PATENTED DYNAMIC CONTROL BEARING™

Optimizes service life by managing preload. Sintered bearings retain performance under high heat and high load conditions

Easier Installs – Only with TTX!



TXMS25519 – Front Upper Ball Joint

Includes a 60mm hardened steel socket to remove original ball joint and thread in new TTX ball joint. Torque value is printed on for quick reference



TXMS25520 – Front Lower Ball Joint

Geometry of lower front axle can make press-in problematic. TXMS25520 includes a press-in adaptor in the box to ensure exact install by using a stepped design to mate with lower bore

TTX Chassis parts also feature:

- Patented self-lubricating greaseable sintered bearings
- Patented dust boots
- Repel-TEK™ anti-corrosion coatings
- Exclusive hex forged construction
- EASY-SNAP™ tool-less cotter pins
- Hardware and install aids in the box



Part Number	Position	Application
TXMS25519	Front Upper	2023-2008 RAM 4500 2023-2008 RAM 5500 2010-2008 Sterling Bullet 45 2010-2008 Sterling Bullet 55
TXMS25520	Front Lower	