# CTXMS251267/ CTXMS251268 CONTROL ARM

PATENTED

SOLUTIONS



<sup>2019</sup> and newer (5<sup>th</sup> Generation) RAM 1500



Mevotech TTX CTXMS251267 and CTXMS251268 are the patented and engineered aftermarket solution for extended service life front upper control arms on the 2019 and newer 5<sup>th</sup> generation RAM 1500.

- Patented greaseable sintered Dynamic Control Bearing<sup>™</sup> provides superior performance and improved durability under all conditions (US Patent n° 9296271)
- Patented Locking Dust Boot seals out road contaminants (US Patent n° 9771971) and solid forged steel construction replaces OEM hollow stamped steel and plastic composite design, increasing assembly strength
- Ultimate engineering TTX delivers the most innovative and long-lasting parts



# CTXMS251267/CTXMS251268 CONTROL ARM

- The OE control arm assembly is designed using a two-step composite process. This involves bonding a type of plastic to a thin layer of stamped steel across the entire control arm body.
- Similarly, the ball joint housing consists of an outer steel shell which is then filled by a type of plastic. In this design, the ball joint bearing can be described as a plastic "liner".
- This design approach may reduce part cost and weight. However, it is also characterized by a significant amount of voided and hollow areas along key areas of the control arm body
- Additionally as the "liner" wears, the ball sphere will begin to erode the plastic filling of the housing, further reducing overall part service life.

### **Originally Equipped Control Arm**



#### COMPOSITE DESIGN Type of plastic is molded to a thin layer of stamped

molded to a thin layer of stamped steel. Key areas are hollow.

#### **BALL JOINT** Ball sphere is

encased by plastic liner and fused to plastic composite material. Crucial support areas are hollow.

## **Mevotech's Patented Solution**

#### PATENTED LOCKING DUST BOOT

Seals out road contaminants and protects internals. Multi-lipped boot is locked to housing for improved durability.

SOLID FORGED CONSTRUCTION Fully forged one-piece control arm body.

# PATENTED DYNAMIC CONTROL BEARING

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

# CONTROL ARMS ALSO FEATURE:

- Patented greaseable sintered bearings
- Patented Locking Dust Boots
- Repel-TEK<sup>™</sup> anti-corrosion coating
- Enhanced forged construction
- EASY-SNAP<sup>™</sup> cotter pins and fastening hardware
- Upgraded bushings



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