FRONT UPPER CONTROL ARM PATENTED SOLUTIONS



2024-2022 Jeep Wagoneer &
2024-2022 Jeep Grand Wagoneer



Mevotech TTX CTXMS251267 and CTXMS251268 are the patented and engineered aftermarket solution for extended service life front upper control arms on the Jeep Wagoneer WS platform.

- Patented greaseable sintered Dynamic Control Bearing™ provides superior performance and improved durability under all conditions
- Patented Locking Dust Boot seals out road contaminants 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

ULTIMATE ENGINEERING

FRONT UPPER CONTROL ARM

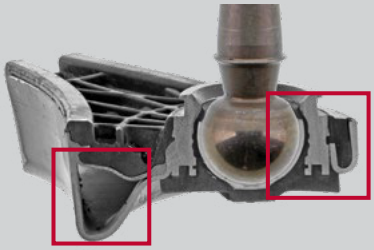
- The OE control arm assembly is designed using a two-step composite process. This involves bonding a type of plastic to a thin layer of stamped steel across the entire control arm body.
- Similarly, the ball joint housing consists of an outer steel shell which is then filled by a type of plastic. In 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 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

TTX

CONTROL ARMS ALSO FEATURE:

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



Part Number	Position	Application
CTXMS251267	Front Left Upper	2024-2022 Jeep Wagoneer 2024 Jeep Wagoneer L
CTXMS251268	Front Right Upper	2024-2022 Jeep Grand Wagoneer 2024 Jeep Grand Wagoneer L

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