



# 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

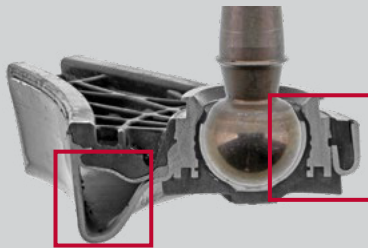
- The OE control arm assembly is designed using a two-step composite process. This involves bonding a type of plastic to a thin layer of stamped steel across the entire control arm body.
- Similarly, the ball joint housing consists of an outer steel shell which is then filled by a type of plastic. In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



## 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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