



# CTXMS251267/ CTXMS251268 CONTROL ARM PATENTED SOLUTIONS



2023-2022 Jeep Wagoneer &  
2023-2022 Jeep Grand Wagoneer

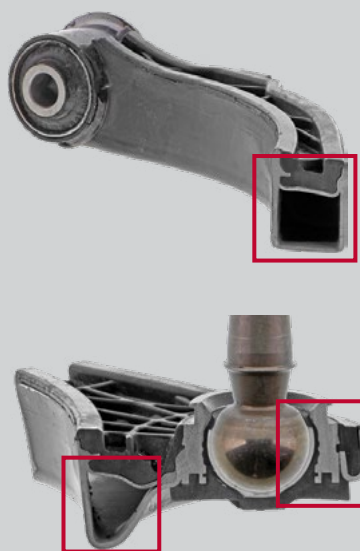


**Mevotech TTX CTXMS251267 and CTXMS251268 are the patented and engineered aftermarket solution for extended service life front upper control arms on the Jeep Wagoneer WS platform.**

- Patented greaseable sintered Dynamic Control Bearing™ provides superior performance and improved durability under all conditions (*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

- 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.

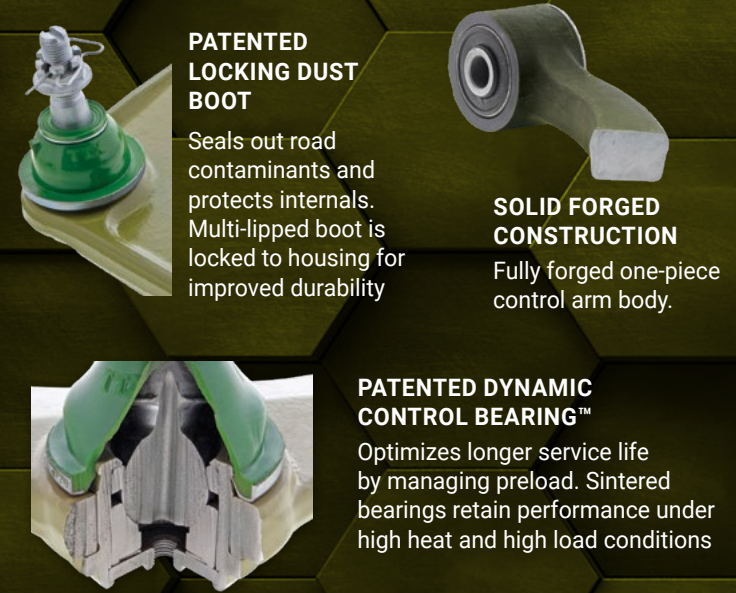
### Originally Equipped Control Arm



**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	2033-2022 Jeep Wagoneer 2023 Jeep Wagoneer L
CTXMS251268	Front Right Upper	2033-2022 Jeep Grand Wagoneer 2023 Jeep Grand Wagoneer L

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