# FRONT UPPER BALL JOINTS PATENTED SOLUTIONS



*2023-2020*
*Jeep Gladiator JT*



*2023-2018*
*Jeep Wrangler JL/JLU*




*Hardware included for complete install*

**Mevotech TTX TXMS25574 and TXMS25575 are the patented solution for extended service life front upper and lower ball joints on the Jeep Wrangler JL/JLU and Gladiator JT platforms.**

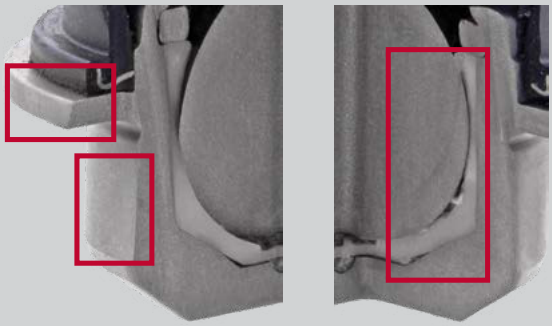
- Patented self-lubricating greaseable sintered Dynamic Control Bearing™ optimizes performance under all conditions
- Enhanced multi-lip Integri-Boot™ protects against road contaminants and improved housing forging profile increases strength
- Ultimate engineering – TTX delivers the most innovative and long-lasting parts

# ULTIMATE ENGINEERING

# FRONT LOWER BALL JOINT

- The originally equipped front upper and lower ball joints utilize a non-greaseable plastic bearing and the standard housing design.
- This design approach reduces part manufacturing cost and overall part weight. However, an engineered solution is required for these vehicle applications, which typically encounter high load and high heat service conditions.
- Additionally, vehicle curb weight and torque output ranges considerably depending on trim. The plug-in hybrid package can add up to 722 LBS (328 KG) over a base model. Torque output of the plug-in hybrid is 470 LB-FT (640N-M) compared against 260 LB-FT (354N-M) generated by the 3.6L V6. These factors can be additional stressors on part service life.

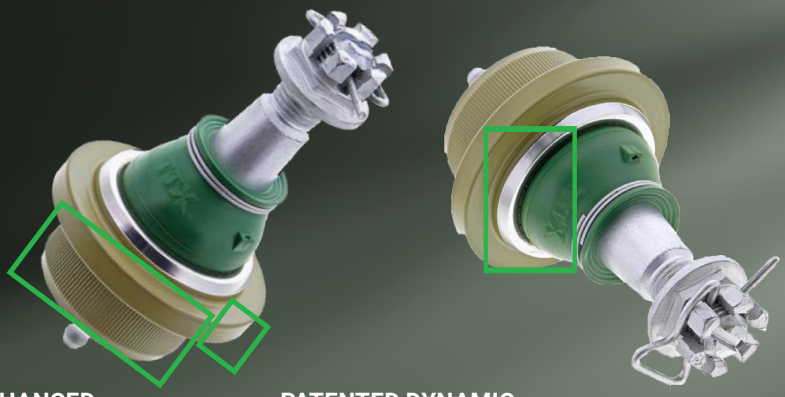
## Originally Equipped Ball Joints



**HOUSING**
*Uncoated and non-knurled with standard profile flange*

**BEARING**
*Non-greaseable plastic bearing*

## Mevotech's Patented Solution



**ENHANCED FORGING PROFILE**
Thicker and wider flange improves assembly strength and provides a larger press-in surface area for the Professional Technician

**PATENTED DYNAMIC CONTROL BEARING**
Optimizes service life by managing preload. Sintered bearings retain performance under high heat and high load conditions

**INTEGRI-BOOT™**
Boot is mated to housing providing superior resilience

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 |
|---|---|---|
| TXMS25574 | Front Upper | 2023-2018 Jeep Wrangler JL/JLU<br>2023-2020 Jeep Gladiator JT |
| TXMS25575 | Front Lower | |