Control Arm and Ball Joint Assembly

The control arm and ball joint assembly is a key element in a vehicle's suspension system. As the connection point between the body of a vehicle and its wheels, this assembly maintains dynamic wheel alignment, reduces noise caused by road shock and vibration, and provides passengers and cargo with a smooth ride.

Because suspension systems experience wear and fatigue caused by road conditions, weather, and load and weight changes, keep your vehicle’s control arm and ball joint assembly in good working condition to maintain optimal suspension function and extends your vehicle’s life.

Mevotech X-Factor control arm and ball joint assemblies are enhanced with these features:

- **Black oxide coating** — Provides high resistance to debris and adverse weather conditions.
- **Greaseable** — Flush out old grease and contaminants by injecting new grease during service visits.
- **Metal design of internal components** — Enhanced durability with upper and lower metal bearings that surround the ball stud.

Tie Rod Ends

Inner and Outer tie rod ends provide the link between the steering knuckle and other steering components. Road conditions, weather, and load and weight changes can wear tie rod ends. Normal wear on tie rod ends can affect the alignment, safety and handling of your vehicle, and add to the wear on your vehicle’s suspension system. Keeping tie rod ends in good working condition maintains optimal steering function and extends your vehicle's life.

Mevotech X-Factor tie rod ends are enhanced with these features:

- **Black oxide coating** — Provides high resistance to debris and adverse weather conditions.
- **Greaseable** — Flush out old grease and contaminants by injecting new grease during service visits.
- **Metal design of internal components** — Enhanced durability with upper and lower metal bearings that surround the ball stud.

Stabilizer Links

Stabilizer links transfer weight between the left and right sides of a vehicle when it turns, transferring some of the lateral force exerted in a turn to the opposite side of the vehicle, which allows the body of the vehicle to stay stable. This provides a more comfortable ride and better road handling. Due to high load stresses, and because they are relatively small, stabilizer links are one of the first components in the suspension system to require servicing and replacement.

Mevotech X-Factor stabilizer links are enhanced with these features:

- **Black oxide coating** — Provides high resistance to debris and adverse weather conditions.
- **Greaseable** — Flush out old grease and contaminants by injecting new grease during service visits.
- **Metal design of internal components** — Enhanced durability with upper and lower metal bearings that surround the ball joint stud and ball.
Strut Mounts

Strut mounts are a critical suspension component. They connect the vehicle’s suspension system to the vehicle body, functioning as vibration dampeners to reduce in-cabin noise, and allowing the suspension to pivot when the vehicle’s wheels are turned. Worn strut mounts can affect a vehicle’s handling and safety.

Mevotech strut mounts are enhanced with these features:

- **Premium rubber** — Provides high resistance to debris and adverse weather conditions.
- **High-grade plate steel** — Resists corrosion, wear, and deformation.
- **Low-resistance bearings** — Ensures easy steering effort.
- **Full mounting hardware kits** — Reduces installation time and costs.

Hub Assemblies

Hub assemblies allow the wheel and tire assembly to turn freely, ensuring that steering remains easy and precise even in a fully-loaded vehicle. On some cars, wheel speed sensors are integrated into the hub assembly, providing wheel rotation speed to the ABS (Antilock-Braking System) computer to determine when the system needs to be activated.

Hub assemblies handle constantly changing load pressures caused by turning, braking and other general vehicle handling. Hub assemblies determine many performance aspects, including tire wear, braking control, vehicle stability in both straight lines and turns, and overall vehicle handling, it is essential to keep your hub assemblies in top working condition.

Mevotech hub assemblies are enhanced with these features:

- **Heavy Duty Integral Raceway** — Reduces vibration and increases stiffness, extending the product life and improves the overall performance.
- **Oversized Ball Bearings** — Allow hubs to carry increased loads, maximizing their life span
- **O.E.M. Specification ABS Sensor and Plug** — ABS sensor is internally mounted in the hub assembly, where applicable, and follow the OE style for a proper signal and connection
- **Performance Sealing** — Ensures the maximum protection from road hazards and debris and minimises the risk of potential damage
- **Maintenance Free** — Designed as an integrated system, greased and sealed for the life of the unit.