

WHY STEERING AND SUSPENSION SYSTEM HAS TO BE INSPECTED?

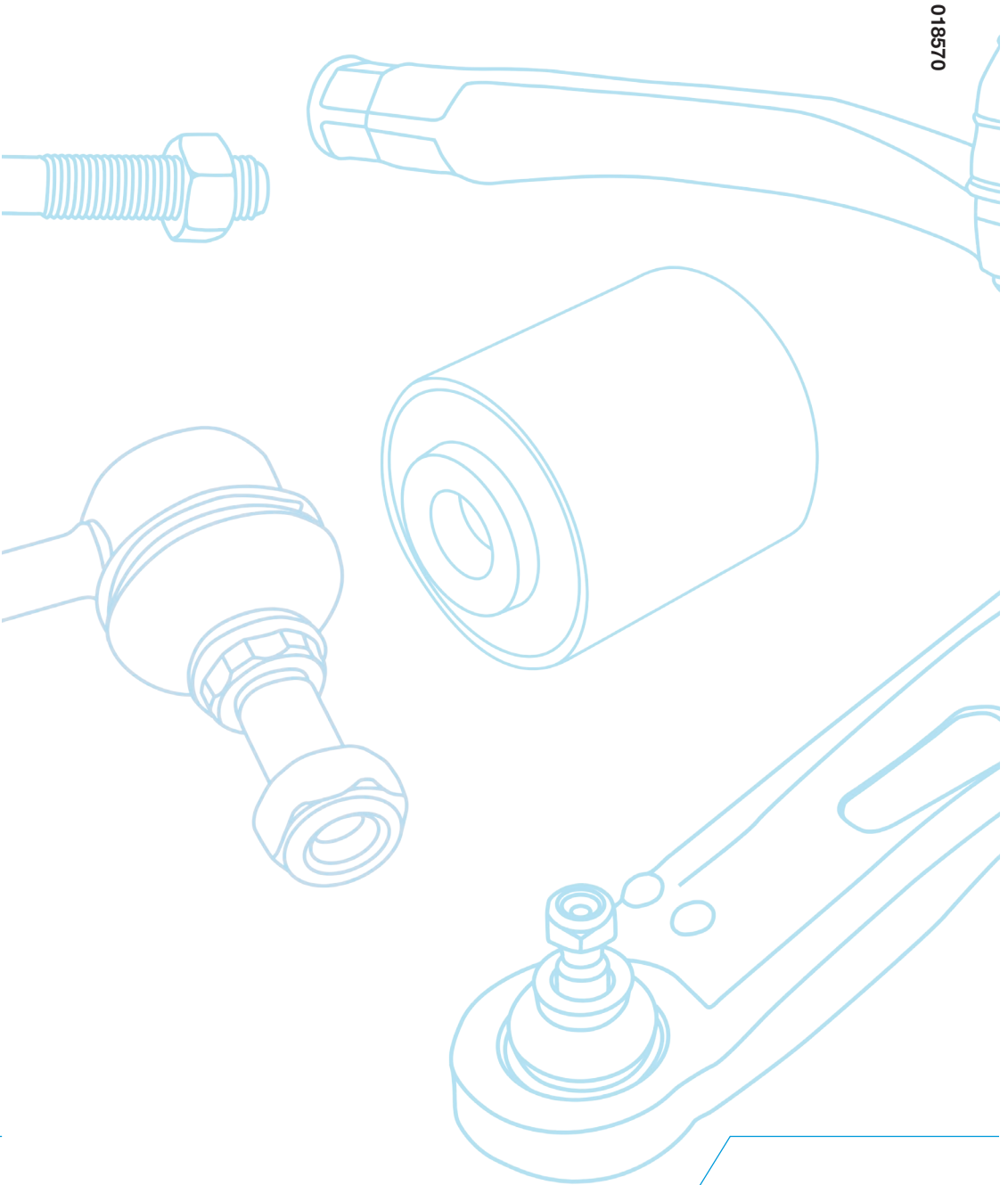
Normal driving and conditions create wear and tear on their suspension and steering systems. All of the components that make up those systems will wear and weaken over time. This creates instability in road vehicle handling, excessive tire wear, and loss of ride comfort, steering control and drivability.

WHEN DAYCO SUGGESTS STEERING AND SUSPENSION SYSTEM SHALL BE CHECKED OUT?

- Most car manufacturers recommend the inspection of steering and suspension elements at least every 60,000 km / 40,000 miles or 36 months
- Whenever the car handles irregularly or have anomalous reactions to road asperities
- When replacing tires or adjusting wheel alignment worn parts can lead to irregular wear, reducing tire life
- Each time the components are accessible e.g. scheduled maintenance, brake servicing
- When a fluid leakage is observed under the car: contaminants like engine oil can deteriorate rubber compounds thus reducing parts lifespan

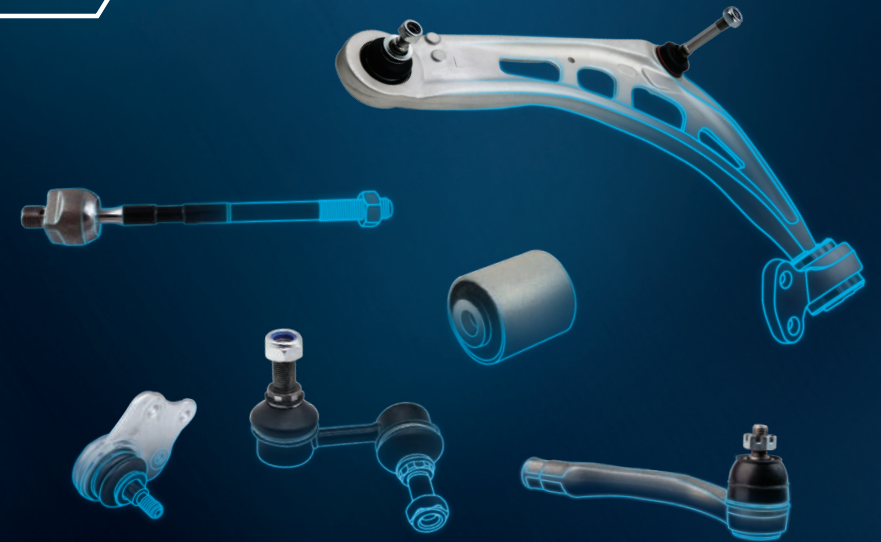
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STEERING AND SUSPENSION



DAYCO STEERING AND SUSPENSION: THE RIGHT CHOICE

- Large range, including ball joints, tie rods, suspension arms and stabilizer links. More than 3.300 Dayco steering and suspension part numbers
- Manufactured to OE equivalent standards for performance and durability
- Production and quality control systems in compliance with OE equivalent standards and IATF16949
- Electrophoretic coating for longer lasting corrosion protection and aesthetics
- Extensively tested to temperatures as low as -40°C and up to 120°C and exposed to salt spray tests, for proven protection
- Extensive testing including material and dimensional checks, crack detection and fatigue analysis

BRANDS

Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, DS, Fiat, Ford, Honda, Hyundai, Infiniti, Iveco, Jaguar, Jeep, Kia, Lada, Land Rover, Lancia, Lexus, Mazda, Mercedes-Benz, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Saab, Seat, Skoda, Smart, Ssangyong, Subaru, Suzuki, Tesla, Toyota, Vauxhall, Volkswagen, Volvo.

STEERING AND SUSPENSION

CONTROL ARM



Control arms are a critical element within a vehicles suspension system, they maintain correct wheel alignment maximizing vehicle driving performance and occupant comfort. Dayco control arms are supplied fitted with all the necessary bushings and ball joints to facilitate the fitting of the units to the vehicle. Robust coatings also provide a high degree of protection for long service life.

BALL JOINT (BOLTED – PRESS-IN)

Ball joints allow the precise pivoting of suspension components and can be both pressed-in or flange mounted and secured by screws. Dayco ball joints are manufactured to the highest standards and come with hardened steel ball pins, friction reducing resin elements are lubricated for life and are completely sealed from the elements to ensure long service life.



CONTROL ARM BUSHING



Control arms as well as many other suspension and steering components is fastened to the chassis through bushings. Dayco bushing parts are designed to reduce noise and vibration from the road while providing the necessary connection to the vehicle. The rubber compounds used in their manufacturer ensure long lasting resistance to cracking.

STABILIZER LINK

The stabilizer link connects the anti-roll bar to the control arm or shock absorbers, improving driving stability. They are engineered to reduce body roll and improve driving safety during fast cornering or rough roads.



TIE ROD END, AXLE JOINT, TIE ROD ASSEMBLY

The tie rod end is fastened to the steering knuckle through a ball joint and is connected to the steering gear via the axle joint (inner tie rod). Dayco Tie rods assembly transfers steering force from steering wheel to wheel upright, absorbing road bumps, shocks and vibration enabling comfortable vehicle handling in any road condition. Integrated ball joints are lubricated for life using a special grease to reduce friction while the joints are sealed to prevent leakage and contamination.



STEERING BOOT



Dayco steering boots and steering boot kits protect the steering rack from water, dust, sand and stones. Dayco uses special thermoplastic to reduce weight and noise and at the same time to guarantee a perfect fit to rack and steering pinion.

