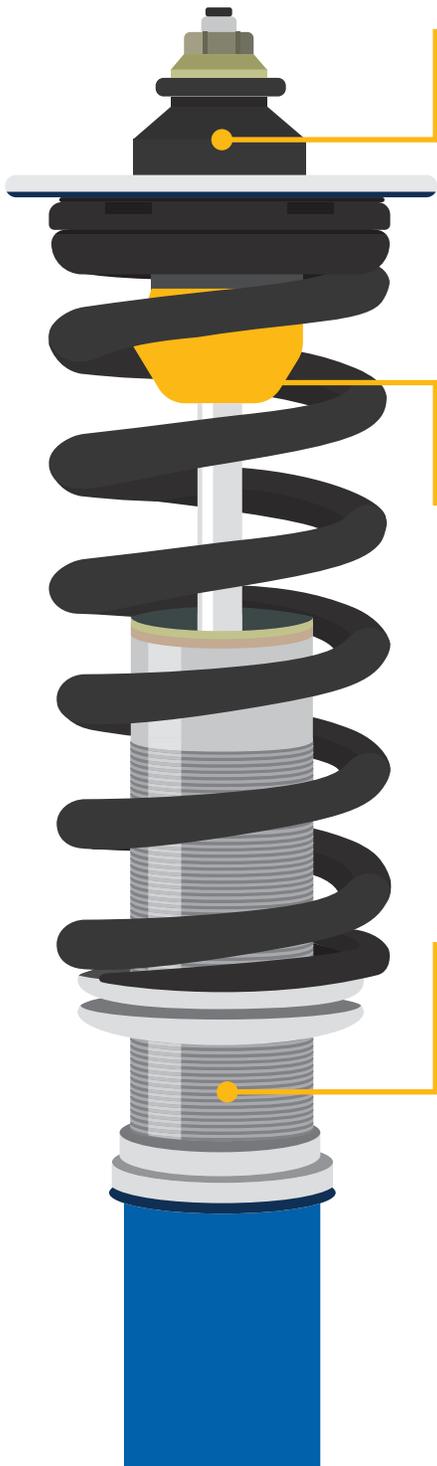




Automotive Struts



UPPER ISOLATOR

An upper isolator acts as a damping component at the top of the strut/shock mounting location to prevent irritating noise and vibration from transmitting through the chassis of the vehicle. The addition of a lubricant will allow elastomeric and metal components to slide against each other preventing “stick/slip” noise. Choosing a grease with good water washout capability, elastomer compatibility, and wide temperature performance will be critical to prevent warranty returns.

Fluorocarbon Gel 880

JOUNCE BUMPER

A jounce bumper provides the final shock absorption when the suspension experiences extreme compression from the vehicle hitting a large bump. The addition of a synthetic grease to the jounce bumper will prevent any noise to the driver when the strut contacts the jounce bumper. As stated with the upper isolator, choosing a grease with good water washout capability, elastomer compatibility, and wide temperature performance is critical.

Rheolube® 393 & Fluorocarbon Gel 880

INTERNAL STRUT/SHOCK OIL

A strut or shock uses an internal hydraulic oil to lubricate bearings and seals, while providing a damping action to accommodate for road disturbances. As a strut or shock is actuated, the exchange of oil through valves slows the action, providing needed damping. The choice of a correct oil will reduce friction on internal parts and allow the strut to perform properly over wide temperature ranges needed in the automotive industry. Nye developed specialized oils designed to significantly reduce internal friction and optimize the damping action of struts and shocks.

Nye Synthetic Oil 148G & Nye Synthetic Oil 185D

Since 1844: Our performance is reflected in the value we bring to our customers.

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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