

# GET TO KNOW NAKATA BALL JOINTS

A ball joint is a flexible, spherical bearing that connects the control arm to the steering knuckle. Its design allows for a full range of motion, similar to a human shoulder joint, enabling the wheel to pivot while also moving up and down. This flexibility is essential for steering and suspension articulation.

## ADVANTAGES OF NAKATA BALL JOINTS

**Robust Construction:** Nakata premium ball joints are made from hardened steel and feature a durable, wear-resistant ball and socket design.

**Sealed Design:** Ball joints are sealed with a premium rubber or synthetic boot that effectively keeps out dirt, water, and debris while retaining lubrication. This prevents premature wear and corrosion.

**Optimal Lubrication:** Pre-lubricated with a high-performance grease that provides long-lasting, friction-free operation.



## BENEFITS

**Smooth and Responsive Steering:** A well-functioning ball joint eliminates “sloppy” or loose steering, providing a precise and responsive feel which improves driver confidence and control.

**Elimination of Squeaks and Clicks:** Worn ball joints are a common source of audible noises like squeaking and clunking sounds when driving over bumps. A quality replacement restores quiet operation.

**Enhanced Vehicle Stability:** Nakata solid ball joints ensure the suspension and steering systems work in harmony, preventing the wheel from wobbling and maintaining stability, particularly during turns.

**Critical Safety Component:** A failed ball joint can cause the wheel to completely separate from the suspension, leading to a catastrophic loss of control. Investing in high-quality parts is a critical safety measure.

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