



THE WHEEL ANATOMY

Welcome to Wheel Anatomy 101. Here we will discuss the major structural and fitment aspects of automotive wheels.

We hope that we can educate you to help make your wheel purchase as smooth as possible.

BOLT PATTERN

Bolt pattern, or bolt circle, is the diameter of an imaginary circle formed by the centers of the wheel lugs. Bolt patterns can be 3-, 4-, 5-, 6-, 8 or 10-lug holes.

CENTER BORE

The center bore of a wheel is the opening in the center of a wheel, which goes around the hub of a vehicle. Using the right size center bore will minimize the chance that the wheels will vibrate when mounted.

SPOKES

The spokes are usually what we look at when we talk about a wheel's design. There are many spoke styles and orientations, including concave, mesh, multi-spoke, split-spoke, etc.

OFFSET

Offset, usually measured in millimeters (mm) is the distance from the mounting surface of the wheel to the center-line of the wheel. Different vehicles have different offsets, which determine what type of wheels are suitable for that vehicle.