

Important questions about resetting steering systems:

- ? **Why is a steering system reset necessary?**
 - ✓ *A growing number of vehicle manufacturers require a reset to calibrate the on-board system sensors with the steering geometry of a newly aligned vehicle, ensuring the systems work as intended.*
- ? **What can happen if a required steering system reset is not performed?**
 - ✓ *Depending on the vehicle, the consequences may vary from a dashboard warning light or steering wheel dithering (rocking side to side) to vehicle drift or pull conditions.*
- ? **How long does it take to perform a steering system reset?**
 - ✓ *In a matter of minutes, a technician can reset the sensors of steering-related on-board systems and properly complete the alignment.*

Important questions about wheel alignment:

- ? **How important is wheel alignment?**
 - ✓ *Think of it this way. Driving a vehicle for 12,000 miles with a misalignment of only 0.34 degrees (0.17 inches) out of specification would be equivalent to dragging the tires sideways for 68 miles!*
- ? **What are some easy-to-notice symptoms of a misaligned vehicle?**
 - ✓
 - Excessive or uneven tire wear
 - Vehicle drift or pull
 - A feeling of looseness or wandering
 - An out-of-level steering wheel
- ? **How often should I have my vehicle aligned?**
 - ✓ *Always follow the vehicle manufacturer's recommendation in your owner's manual. But as a general rule, have your wheel alignment checked every 10,000 miles or at least once a year.*

What you should know about resetting vehicle steering systems...

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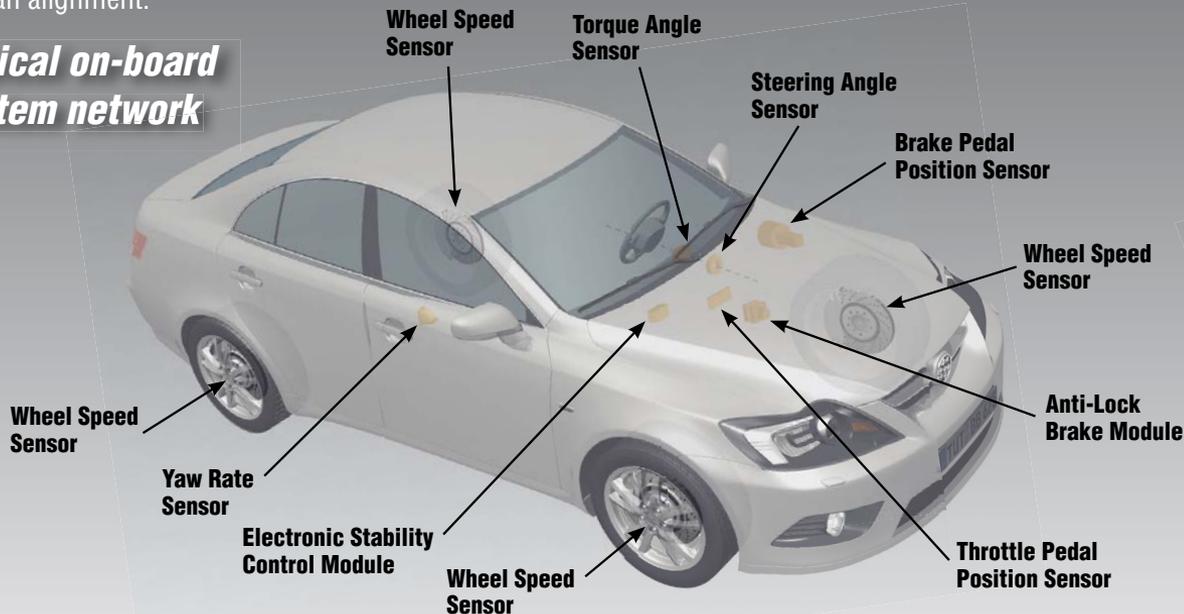
Steering system reset explained:

Commonly referred to as a steering angle sensor reset in the auto service world, this procedure calibrates the sensors of on-board systems to the steering angles of a newly aligned vehicle.

This involves resetting the steering angle sensor. If required, yaw rate, torque angle and other steering-related sensors are also reset (see diagram below).

Most new vehicles are equipped with systems like electric power steering or electronic stability control and may require a steering system reset with an alignment.

Typical on-board system network



Why a steering system reset is necessary:

As vehicle manufacturers equip more vehicles with on-board driver-assist systems, more are now requiring a steering system reset as part of alignment service.

Alignment changes vehicle steering geometry and may alter what the on-board system sensors consider to be straight-ahead. Therefore, it is important that the sensors be reset in line with the new steering geometry of the vehicle. This ensures that the on-board systems, which rely on the accuracy of the sensors, function as intended.

How a steering system reset is performed:

While mechanical adjustments correct wheel alignment issues, resetting steering system sensors calls for an electronic correction.

Instead of a wrench, the technician uses a device that connects to the vehicle's on-board computer to evaluate and electronically reset the sensors.

This service shop uses Hunter Engineering's CodeLink[®] reset device. CodeLink ensures your vehicle is serviced according to the manufacturer's specific requirements, using patented integration that directly "links" the vehicle's on-board computer with the shop's Hunter alignment system.



CodeLink patented integration "links" the vehicle's on-board computer to the alignment system for error-free steering system reset.