

FixItSmartly - Engine Inspection Guide

Torque Spec Guide for Car Repairs

Branded by FixItSmartly

Using the correct torque specs is critical to ensure your vehicles parts are tightened properly too loose and they can fall apart, too tight and you could damage components. Always consult your vehicles manual for exact values, but heres a general guide to get you started:

COMMON TORQUE SPECS (USE AS A REFERENCE ONLY)

Lug Nuts:

- Compact cars: 80-100 ft-lbs
- Sedans/SUVs: 90-110 ft-lbs
- Trucks: 120-150 ft-lbs

Oil Drain Plug:

- 25-30 ft-lbs

Spark Plugs:

- Aluminum heads: 7-15 ft-lbs
- Cast iron heads: 15-25 ft-lbs

Brake Caliper Bolts:

- Front: 25-35 ft-lbs
- Rear: 20-30 ft-lbs

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Brake Caliper Bracket Bolts:

- 6580 ft-lbs

Wheel Bearing Hub Bolts:

- 70100 ft-lbs

Suspension Components:

- Ball Joint Nuts: 6080 ft-lbs
- Control Arm Bolts: 85100 ft-lbs
- Tie Rod End Nuts: 3040 ft-lbs

Battery Terminal Nuts:

- 57 ft-lbs

WARNING: These values are general estimates. Always refer to the manufacturers service manual for your specific vehicle before tightening bolts or nuts.

Pro Tip: Use a calibrated torque wrench and tighten in a crisscross or star pattern where applicable for even pressure.

Stay smart. Stay safe. Fix it rightFixItSmartly.