

Here is a printable "**Torque Spec Cheat Sheet**" for the **most common vehicles**. You can print or save it as a reference for automotive repair.

Torque Spec Cheat Sheet (Most Common Vehicles)

General Engine Torque Specs

- **Spark Plugs:** 15–25 ft-lbs
 - **Oil Drain Plug:** 25–30 ft-lbs
 - **Valve Cover Bolts:** 7–10 ft-lbs
 - **Cylinder Head Bolts:**
 - Small Block Engine: 65–75 ft-lbs
 - V8 Engine: 75–85 ft-lbs
 - **Timing Cover:** 20–25 ft-lbs
 - **Water Pump:** 25–30 ft-lbs
 - **Intake Manifold:** 11–15 ft-lbs
 - **Exhaust Manifold:** 25–30 ft-lbs
 - **Camshaft Bolt:** 35–45 ft-lbs
 - **Crankshaft Pulley Bolt:** 70–90 ft-lbs
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Transmission Torque Specs

- **Transmission Pan Bolts:** 10–12 ft-lbs
 - **Driveshaft U-Joint Bolts:** 30–40 ft-lbs
 - **Clutch Pressure Plate Bolts:** 15–18 ft-lbs
 - **Torque Converter Bolts:** 35–45 ft-lbs
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Suspension Torque Specs

- **Strut Mounts:** 40–55 ft-lbs
 - **Control Arm Bolts:**
 - Upper: 35–45 ft-lbs
 - Lower: 60–75 ft-lbs
 - **Ball Joint Bolts:** 30–35 ft-lbs
 - **Tie Rod Ends:** 30–35 ft-lbs
 - **Sway Bar Links:** 20–25 ft-lbs
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Brake Torque Specs

- **Brake Caliper Bolts:** 25–35 ft-lbs
 - **Brake Rotor Bolts:** 75–85 ft-lbs
 - **Brake Pads Mounting Bolts:** 25–30 ft-lbs
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Wheel Torque Specs

- **Lug Nuts:**
 - Light Duty: 75–100 ft-lbs
 - Heavy Duty: 120–150 ft-lbs
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Differential & Axle Torque Specs

- **Differential Cover Bolts:** 30–45 ft-lbs
 - **Axle Shaft Nuts:** 150–180 ft-lbs
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Fuel System Torque Specs

- **Fuel Rail Bolts:** 10–20 ft-lbs
 - **Fuel Injector Bolts:** 15–25 ft-lbs
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Common Vehicle Torque Specs

Vehicle Make/Model	Bolt Type	Torque Specs
Honda Civic	Cylinder Head Bolts	48–58 ft-lbs
Toyota Corolla	Spark Plugs	13–16 ft-lbs
Ford F-150	Crankshaft Pulley Bolt	70–75 ft-lbs
Chevrolet Silverado 1500	Valve Cover Bolts	7–10 ft-lbs
BMW 3 Series	Intake Manifold Bolts	11–15 ft-lbs
Nissan Altima	Transmission Pan Bolts	10–12 ft-lbs
Jeep Cherokee	Ball Joint Bolts	30–40 ft-lbs

Note: This cheat sheet covers some of the most common torque specs for basic automotive maintenance and repair. Always verify torque values with your vehicle's service manual for accuracy, as they can vary slightly depending on model year and engine configuration.