

Torque Specifications



| Plug Thread & Seat | Cast Iron Heads | | Aluminum Heads | |
|--------------------|-----------------|----------|----------------|----------|
| | SAE | Metric | SAE | Metric |
| 10mm Gasket | 7-11 ft lb | 10-15 nm | 7-11 ft lb | 10-15 nm |
| 12mm Gasket | 11-19 ft lb | 15-25 nm | 11-19 ft lb | 15-25 nm |
| 14mm Gasket | 16-29 ft lb | 35-40 nm | 15-22 ft lb | 20-30 nm |
| 18mm Gasket | 32-38 ft lb | 43-52 nm | 28-34 ft lb | 38-46 nm |
| 14mm Tapered | 7-15 ft lb | 9-20 nm | 7-15 ft lb | 9-20 nm |
| 18mm Tapered | 15-20 ft lb | 20-27 nm | 15-20 ft lb | 20-27 nm |

NOTE: [Spark plugs](#) should be installed with clean and dry threads to avoid over-torqueing. This can distort the metal plug shell, which often results in engine damage.

Gasket Seat

10mm Gasket Seat

Finger Tight Plug

12mm Gasket Seat

1/4 Turn

14 & 18mm Gasket Seat

3/8 Turn

Tapered Seat

14 & 18mm Tapered Seat

1/2 Turn

Tight to:

14 and 18mm tapered seat tighten 1/16 turn

14 and 18mm gasket seat tighten 1/2 turn

12mm gasket seat tighten 3/8

10mm gasket seat tighten 1/4 turn, **past finger tight.**

1/16 Turn