

Torque Specifications For Proper Spark Plug Installation

Plug Thread	Cast Iron Heads		Aluminum Heads	
	Pound Feet	Newton Meters	Pound Feet	Newton Meters
10mm Gasket Seat	7 - 11 lb. ft.	10 - 15 nm	7 - 11 lb. ft.	10 - 15 nm
12mm Gasket Seat	11 - 19 lb. ft.	15 - 25 nm	11 - 19 lb. ft.	15 - 25 nm
14mm Gasket Seat	26 - 29 lb. ft.	35 - 40 nm	15 - 22 lb. ft.	20 - 30 nm
14mm Tapered Seat	7 - 15 lb. ft.	9 - 20 nm	7 - 15 lb. ft.	9 - 20 nm
18mm Gasket Seat	32 - 38 lb. ft.	43 - 52 nm	28 - 34 lb. ft.	38 - 46 nm
18mm Tapered Seat	15 - 20 lb. ft.	20 - 27 nm	15 - 20 lb. ft.	20 - 27 nm
7/8" - 18	35 - 43 lb. ft.	47 - 58 nm	31 - 39 lb. ft.	42 - 53 nm

Installing Spark Plugs Without a Torque Wrench

14 and 18mm tapered seat plug – tighten 1/16 turn after finger tight; 14 and 18mm gasket seat plug – tighten 1/2 turn past finger tight; 12mm gasket seat plug – tighten 3/8 turn past finger tight; 10mm gasket seat plug – tighten 1/4 turn past finger tight.

NOTE: Spark plugs should be installed with clean and dry threads to avoid overtorquing or stretching the spark plug which can, and often does, result in engine damage.

