

# STITT SPARK PLUG

## Standard Torque Values

**STITT Spark Plug Company strongly recommends that only a balance-beam style torque wrench be used to achieve these torque values.**



<b>Standard Torque Values For Cast Iron Cylinder Heads</b> (In compliance with SAE Standard For Spark Plugs J548d)	
<b>Spark Plug Thread Size</b>	<b>Required Installation Torque</b>
14mm x 1.25mm (FS-14 External Seat Gasket)	26 - 30 ft. lbs. 35 - 40 Newton Meters
18mm x 1.5mm (FS-18 External Seat Gasket)	32 - 38 ft. lbs. 43 - 53 Newton Meters
7/8" - 18 (FS-78 External Seat Gasket)	50 - 60 ft. lbs. 68 - 81 Newton Meters

<b>Standard Torque Values For Aluminum Cylinder Heads</b> (In compliance with SAE Standard For Spark Plugs J548d)	
<b>Spark Plug Thread Size</b>	<b>Required Installation Torque</b>
14mm x 1.25mm (FS-14 External Seat Gasket)	15 - 22 ft. lbs. 20 - 30 Newton Meters
18mm x 1.5mm (FS-18 External Seat Gasket)	28 - 34 ft. lbs. 38 - 46 Newton Meters

<b>Conical / Taper Seat Torque Values For Cast Iron Cylinder Heads</b> (In compliance with SAE Standard For Spark Plugs J548d)	
<b>Spark Plug Thread Size</b>	<b>Required Installation Torque</b>
14mm x 1.25mm	7 - 15 ft. lbs. 9 - 20 Newton Meters
18mm x 1.5mm	15 - 20 ft. lbs. 20 - 27 Newton Meters

<b>Conical / Taper Seat Torque Values For Aluminum Cylinder Heads</b> (In compliance with SAE Standard For Spark Plugs J548d)	
<b>Spark Plug Thread Size</b>	<b>Required Installation Torque</b>
14mm x 1.25mm	7 - 15 ft. lbs. 9 - 20 Newton Meters
18mm x 1.5mm	15 - 20 ft. lbs. 20 - 27 Newton Meters

**STITT**®  
**SPARK PLUG COMPANY**

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