

# PolyMot™ Spark Plug Extensions

for WAUKESHA<sup>®</sup> Gas Engines



# ■ Spark Plug Extensions



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Besides all the successful spark plug leads, MOTORTECH has also designed a large number of spark plug extensions under the PolyMot™ design specially for use with WAUKESHA® industrial gas engines.

These extensions are unique and offer several advantages when being compared to the OEM or aftermarket competition. With the knowledge gathered in ignition control and ignition coil research and manufacturing, a lot of the details were implemented into these products.

The unique structure has achieved tremendous reliability records in the field.

### General Features

- Rigid design
- Extensions made of high quality TEFLON®
- Ceramic insert with 5 kΩ resistor for EMI suppression (0 kΩ available on request)
- Reliable ignition coil and spark plug terminal
- Critical high voltage areas are protected with seals
- Designed to match the engine model, the spark plug type and application
- Extensions are labeled with P/N and production code for easy traceability
- Top thread for easy removal with special tool
- Long life product



### Key Design Features

- 1 Spring-loaded secondary terminal rod to ignition coil
- 2 Special O-ring made of VITON® with excellent temperature and aging characteristics for best protection of ignition coil secondary terminal
- 3 Large thread on top end for easy removal with special tool P/N 44.99.912
- 4 Highest dielectric strength due to thick TEFLON® insulator
- 5 Ceramic insert with 5 kΩ resistor for EMI suppression
- 6 Integrated silicone spark plug seal for best flashover protection will not stick on the spark plug insulator when pulling off the extension

# Spark Plug Extensions



## Ordering Information

P/N <sup>1)</sup>	Engine Model	Extension Length	Resistance	Spark Plug	P/N Silicone Seal Ring	Equivalent to
06.80.471-T	275GL+ series	15 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	A296064J, A296064K, 26400-10, 26510-10
06.80.469-T	APG series	10 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	A211797M, A211797T, 25080-10, 26400-08, 26510-08
06.80.206-T	AT25GL series	15 in.	5 kΩ	GT3-1, RM77N, RM77PP, B8124	06.84.040	A211357L, A211357N, A211357T, A211357Y, A296805A, 26400-02, 26510-02, 5419-802
06.80.330-T	AT25GL-LR series	15 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	A211357R, A211357V, A211357Z, A296805, 25080-08, 26400-04, 26510-04, 5419-808
06.80.213-T	AT27GL series	15 in.	5 kΩ	GT3-1, RM77N, RM77PP, B8124	06.84.040	296064B, 296064C, A296064C, A296064E, A296064G, 25080-11, 26400-03, 26510-03
06.80.310-T	AT27GL-LR series	14 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	296064D, 296064F, 296064H, A296064D, A296064F, A296064H, A296064L, 25080-07, 26400-05, 26510-05, 5419-804
06.80.309-T	VGf series	9 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	A211357X, A211797J, A211797K, A211797S, 25080-01, 26400-07, 26510-07, 5419-803
06.80.340-T	VHP-4 series	13 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	211797A, A211797G, 25080-06, 26510-06, 5419-735
06.80.321-T	VHP-GL series	13 in.	5 kΩ	GI3-3, FB77WPCC, B8324	06.84.040	211357P, 211357U, A211797H, A211797P, A211797R, 25080-05, 25080-12, 26400-01, 26510-01, 5419-807

<sup>1)</sup> For 0 kΩ resistance, please add “-0” to part number (e.g. 06.80.321-T-0).

## Ordering Information – Optional Equipment

P/N	Figure	Description	Equivalent to
44.99.912	<b>1</b>	Spark plug extension removal tool	
FB77WPCC		CHAMPION® spark plug, M18x1.5, reach 0.750 in., J-type Ir/Pt, HEX 7/8 in. (22.2 mm)	69919, 60999T
alternative GI3-3	<b>2A</b>	DENSO® spark plug, M18x1.5, reach 0.750 in., J-type Ir/Pt, HEX 7/8 in. (22.2 mm)	
alternative B8324	<b>2B</b>	MOTORTECH MHP spark plug, M18x1.5, reach 0.750 in., J-type Ir/Ir, HEX 13/16 in. (20.8 mm)	
RM77N		CHAMPION® spark plug, M18x1.5, reach 0.500 in., N-type Cu/Ni, HEX 7/8 in. (22.2 mm)	60999F
alternative GT3-1		DENSO® spark plug, M18x1.5, reach 0.500 in., J-type Ir/Pt, HEX 7/8 in. (22.2 mm)	
alternative B8124		MOTORTECH MHP spark plug, M18x1.5, reach 0.500 in., J-type Ir/Ir, HEX 13/16 in. (20.8 mm)	
06.50.035	<b>3A</b>	Flange ignition coil	69694G, A69694G, 591018
alternative 95.09.155	<b>3B</b>	Flange ignition coil with diagnostic interface	69694G, A69694G, 591018, 06.50.035
06.50.035-36-E	<b>4A</b>	Flange ignition coil with integrated primary lead, 36 in.	69957, 69957A
alternative 95.09.155-36-E	<b>4B</b>	Flange ignition coil with diagnostic interface and integrated primary lead, 36 in.	69957, 69957A, 06.50.035-36-E





- Headquarter
- Office
- Sales Partner

**MOTORTECH GmbH**  
 Hogrevestr. 21-23  
 29223 Celle  
 Germany  
 Phone: +49 (5141) 93 99 0  
 Fax: +49 (5141) 93 99 99  
 www.motortech.de  
 sales@motortech.de

**MOTORTECH Americas, LLC**  
 1400 Dealers Avenue, Suite A  
 New Orleans, LA 70123  
 USA  
 Phone: +1 (504) 355 4212  
 Fax: +1 (504) 355 4217  
 www.motortechamericas.com  
 info@motortechamericas.com

**MOTORTECH Shanghai Co. Ltd.**  
 Room 1018 Enterprise Square,  
 No. 228 Meiyuan Road,  
 Zhabei District, 200070 Shanghai  
 China  
 Phone: +86 (21) 6380 7338  
 www.motortechshanghai.com  
 info@motortechshanghai.com



Distribution partner for DENSO spark plugs



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