



gpgsparkplugs.com



COMPETITIVE PRICES
IMPROVED PROFITABILITY
SUPERIOR TECHNICAL ASSISTANCE



GPG® Part Numbering System

1	1	77	0	12
	RESISTOR	HEAT RANGE		GAP
	0 = non resistor 1 = standard resistor 2 = inductive resistor 3 = standard resistor 13/16" 20 sheilded/ coil connection			
SHELL TYPE			GROUND TYPE	
# Thread Reach Hex			0 = "J" gap	
1 18mm 13/16" 7/8"			1 = 4 Ground	
2 14mm 3/4" 5/8"			2 = Precious Metal	
3 18mm 1/2" 7/8"			3 = Double platinum	
6 14mm 1/2" or 13/16"			5 = Iridium/Alloy or Round Ground	
			6 = Parallel Bars	
			7 = Three Ground	

Engine Torque Specifications dry installation (Gasket Type Spark Plugs)

Spark Plug Thread Size	Cast Iron Heads	Aluminum Heads
14MM	26-30 lb-ft	18-22 lb-ft
18MM	32-38 lb-ft	28-34 lb-ft
7/8"-18	50-55 lb-ft	—

Note: If threads are lubricated, reduce torque value by 20%. If Using Stainless Steel Carriers, reduce torque value by 20%

Spark Plug Removal and Installation

Spark plug performance can be greatly impacted by the installation process. By closely paying attention during the removal and installation procedure many field issues from short life to product failure can be avoided.

Spark plug removal and installation should always be done by hand. This will enable the technician to determine if any loose or binding conditions exist. If the spark plug seems to be overly tight either on removal or during installation engine deposits built up over time are the most common reason. Mechanics should take the following steps to ensure proper fit if tightness is observed.

1. Use the appropriate thread chasing tool to clean out threads.
Heavy grease should be applied to the flutes to catch any debris.
2. Gasket seating area should be wiped clean to ensure proper seating area.
3. Install plugs by hand all the way to the gasket. If resistance is found, remove the plug and follow steps 3-6 for using bottom hole taps.
4. Determine the appropriate thread size for the application. A chart is listed below providing the thread dimensions and pitch. Failure to use the correct tap will result in damage to the spark plug port.

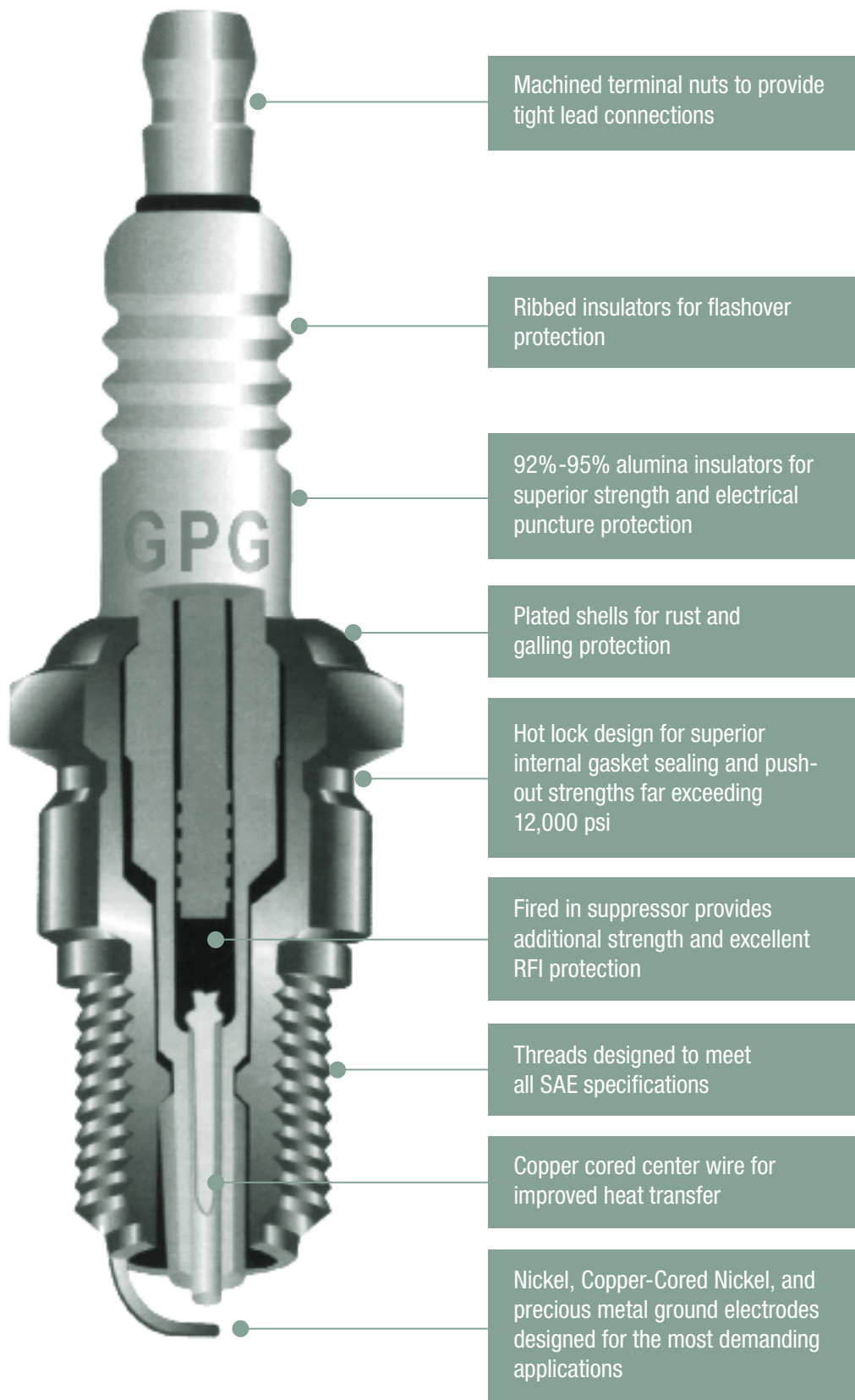
5. Apply heavy grease to the flutes of the tap to catch any debris that will be removed from the thread area.

6. Reinstall plug by hand and then torque to the appropriate specifications.

In some applications, it may be very difficult to use bottom hole taps in the field. Several tool manufacturers offer specialized wire clean out tools that may allow debris to be cleaned without the threat of damaging the spark plug port. In applications where this is the only alternative, if the cleanout cannot be accomplished, cylinder heads will need to be removed to bring the ports back to SAE specifications.

If looseness is detected upon installation, necessary steps must be taken to correct the problem. Failure to address this condition can result in torching or failure due to lost heat transfer.

GPG recommends that spark plug ports be checked every 6 months or every spark plug change if the PM interval is 6 months or longer.





Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
Ajax	6½" x 8" CMA, EA30	9089525	•	•	•	•
	7¼" x 8" CMA, E30, 7½" x 10" CMA, E42	9089525	•	•	•	•
	DP Series (Exc. Pre-Chamber)	9018025	•	•	•	•
	DPC Series (Exc. Pre-Chamber)	9018025	•	•	•	•
	DCP 180LE, 360LE, 600LE and 800LE (Pre-Chamber)	9085113	•	•	•	•
Allis-Chalmers	G138, G149, G160 (Gasoline)	4008030	•	•	•	•
	G226, G262, ¾" Reach (Gasoline)	8004025	•	•	8379515	•
	G226, G262, ¾" Reach (Natural and LP Gas)				8379515	
Ariel	JGS-1 High and Low Tension	•	8179215	8179515	8379515	•
Arrow	C46, C66, C96, C106, C255	3021025	•	•	•	•
	F208	9089525	•	•	•	•
	K9	6185315	•	•	•	•
	L333, L795, L1770, L2165	9089525	•	•	•	•
	VRG220, 230	8004025	8179215	8179515	8379515	•
	WD-14	•	•	•	•	•
Bernard	All Engines	6115615	6185215	•	6385515	•
Case	159G, 188G, 301G, 377G (Gasoline)	3016025	3116315	•	•	•
	159G, 188G, 301G, 377G (Natural Gas)	7177115	7177315	•	7377115	•
	A284, A377 (Gasoline)	3016025	3116315	•	•	•
	A284, A377 (Natural Gas)	7177115	7177315	•	7377115	•
Caterpillar	3304 Series (¾" Reach)	•	8179215	8179515	8379515	•
	3306 Series (½" Reach)	6115615	6185215	•	6385515	•
	3306 Series (¾" Reach)	•	8179215	8179515	8379515	•
	3400 Series (¾" Reach)	•	8179215	8179515	8379515	•
	3500 Series	1177012	•	1177512	•	•
	3600 Series	1177012	•	1177512	•	•
	D320-D398 (Starting engines w/18mm threads)	3016025	3116315	•	•	•
	D3400, D4400, D4600, D6600, D7700, D8800 (Starting engine w/18mm threads)					
	G333 (½" Reach)	6115615	6185215	•	6385515	•
	G333, G343 (¾" Reach)	•	8179215	8179515	8379515	•
	G342, G353, G375, G379, G397, G398, G399	6115615	6185215	•	6385515	•
	G16CM34	•	•	•	•	•
Chrysler	H225 (Thru 1974), HB225 (Gasoline)	8004025	8179215	8179515	8379515	•
	LH318 (Gasoline)	8011030	•	•	•	•
	HB361, HB383, HC361, HT361 (Gasoline)	8004025	8179215	8179515	8379515	•
	HB413, HC413, HB170 (Gasoline)	8004025	8179215	8179515	8379515	•
	HT413, HB426, HC426, H170 (Gasoline)	8004025	8179215	8179515	8379515	•
	IND53, IND56, IND56A (Gasoline)	8004025	8179215	8179515	8379515	•
	H170, HB170, H225, HB225 (Natural and LP Gas)	8004025	8179215	8179515	8379515	•
	HB361, HB383, HC361, HT361 (Natural and LP Gas)	•	8179215	8179515	8379515	•
	HB413, HC413, HT413, HB426, HC426 (Natural and LP Gas)	•	8179215	8179515	8379515	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
Cleveland Diesel	358	9085113	•	•	•	•
Climax	CE101, CE106, CE264 (Gasoline)	7177115	7177315	•	7377115	•
	V80, V85, V122, V125	7177115	7177315	•	7377115	•
Continental	B405, 4124, 4140, 4162, 4163, 6226 (Normal Service)	3016025	3116315	•	•	•
	B6244, 6245, 6277, 6371, 6405, 6427 (Normal Service)	3016025	3116315	•	•	•
	C96, C106, C225 (Normal Service)	3021025	•	•	•	•
	E223, F124, 135, 140, 162, 163, 186 (Normal Service)	3016025	3116315	•	•	•
	F209, 226, 227, 244, 245 (Normal Service)	3016025	3116315	•	•	•
	G134, 157, 176, H227, 243, 260 (Normal Service)	3016025	3116315	•	•	•
	J382 Thru J403, T371 Thru T427 (Normal Service)	3016025	3116315	•	•	•
	M6271, 6290, 6330, 6363, OS220 (Normal Service)	3016025	3116315	•	•	•
	R6513, 6572, 6602, U6501 18MM Heads (Normal Service)	3016025	3116315	•	•	•
	RS542, T6371, 6427, TC56	3016025	3116315	•	•	•
	Y69, 91, 112, Y4069, 4091, 4112	3016025	3116315	•	•	•
	Z105 Thru Z120, ZA120	3016025	3116315	•	•	•
Cooper-Bessemer	ENG, GNG	3014115	3116315	•	•	•
	GAW, GMR, GMV, JS	9085113	•	•	•	•
	GBH, GBI, GBK, GBM-GBP, GN, GSC, GSD	9018025	•	•	•	•
	GDJ, GMA, GMB, GMC, GDT, GFB, GFE, GFK w/G402 reducer bushing	3014115	3116315	•	•	•
	GMVH, LSVB and Quad Series	9177115	•	•	•	•
	GMW, GMX, V250, V275, W330 with 5/8" reach	9080113	•	•	•	•
		9180112	•	•	•	•
	GMWC, GMWA with 5/8" Reach	9080113	•	•	•	•
		9180112	•	•	•	•
	GMXE, GMWH, GMHX, W330 with 5/8" reach	9080113	•	•	•	•
		9180112	•	•	•	•
	GMWA, GMWC, GMW, GMX, GMXE, GMWH, GMHX, W330 with 1" Reach	9177112	•	•	•	•
		9178112	•	•	•	•
	GS	3016025	3116315	•	•	•
	V250, V275, Z330 with 1" Reach	9177112	•	•	•	•
		9178112	•	•	•	•
	LS, LSV with 7/8"-18 Heads	9085113	•	•	•	•
	Z330 with 5/8" Reach	9080113	•	•	•	•
		9180112	•	•	•	•
Chicago Pneumatic	9CPG (Low Compression)	3016025	3116315	•	•	•
	16CPG, RHGB50	9018025	•	•	•	•
Cummins	6B (230hp)	•	2178315	•	•	•
	6C	•	2178317	•	•	•
	G/GTA 8.3L	•	2178317	•	•	•
	G/GTA 855	•	2178317	•	•	•
	GNHC4, GNH220, GNH250, GV12450, GV12-525 with 1/2" Reach	6115615	6185215	•	6385515	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
Cummins (cont.)	L10 (Auto Trans)	•	2178317	•	•	•
	L10 (Standard Trans)	•	2178321	•	•	•
	Q19G	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	QSV	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	QSK19G	•	•	•	•	•
	KTA38GC, GTA38, GTA28	•	•	•	•	•
	KTA19GC, GTA19, GTA14	•	•	•	•	•
	GTA50	•	•	•	•	•
	G/GTA5.9					
Delaval	HV-6 thru HV-16, HVA8 thru HVA-16	9077112	•	•	•	•
		9177112	•	•	•	•
Detroit Diesel	30 and 40 Series	•	2178315	•	•	•
Dorman	3DAG, 4DAG, 6DAG, 6QG, DATG4, DATG6	•	8179215	8179515	8379515	•
	6LEG	6082025	6185215	•	6385515	•
	6SEG, 8SEG, 12SEG	•	8179215	8179515	8379515	•
	12SG	7177115	7177315	•	7377115	
	6PG, 12PG	3014115	3116315	•	•	•
	12S, 12STCWG, 12STCAG, 6PG, 12PG	3014115	3116315	•	•	•
Dresser	All Models with Screw in pre-chamber and 14MM ¾" reach plugs	•	2178315	•	•	•
Dresser-Clark	BA, HBA, HMA, HLA, HRA, MA, RA, TRA, TLA, TCV	9085113	•	•	•	•
	HBAT, HLAT, HRAT, TRA, TLA, TVC, HRSA, RAS, TMB	9080120	•	•	•	•
	(Turbo/Super Charged)	9180115	•	•	•	•
	TCVB, TCVC, TVM, VMC, TLAB, TLAC, TLAD, TPV, TCVA	9080113	•	•	•	•
	(Turbo/Super Charged)	9180112	•	•	•	•
Dresser-Rand	KVSR, KVSRA, KVSE, KVFS, PKVSE	9178112	•	•	•	•
	TCV, TCVA, TCVD, TLAD	9080113	•	•	•	•
		9180112	•	•	•	•
Enterprise	GSG 36, 38, GSM 36, 38 18MM Heads	1176112	•	•	•	•
	GMS 36, 38 7/8"-18 Heads	9080113	•	•	•	•
		9180112	•	•	•	•
	HV8 Thru HV16	9077115	•	•	•	•
		9177115	•	•	•	•
	TDSG36-6, 38 (center of head)	9080113	•	•	•	•
		9180112	•	•	•	•
	TDSG36-6, 38 (rear of head)	1176112	•	•	•	•
Fairbanks Morse	38DS8-1/8", 37F-85, 38FS5-1/4"	1176112	•	•	•	•
	FM7 Thru F36	9089525	•	•	•	•
	ZC Series	9089525	•	•	•	•
	IB	3016025	3116315	•	•	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
Ford	104 cid	8011030	•	•	•	•
Gemini	G26, G35	6082025	6185215	•	6385515	•
General Motors	305, 351, 401, 478, 702 (Gasoline eng.)	8004025	8179215	8179515	8379515	•
	305, 351, 401, 478, 702 (LPG eng.)		8179215	8179515	8379515	
	16-358HN, 16-358X	9085113	•	•	•	•
Guasco	FG180, FG240	1177012	•	1177512	•	•
	FGL180	1177012	•	1177512	•	•
	FGLD 180, 240, 360, 480	1177012	•	1177512	•	•
	SFGLD Series	•	•	•	•	•
	SFGLD 560	•	•	•	•	•
Hall Scott	1091-G1, 300, 400-0, 470, 480, 855, 935, 6156, 6182, FE Gasoline Engine-Intake	3021025	•	•	•	•
	779GHI	3016025	3116315	•	•	•
	1091-OS (intake)	3016025	3116315	•	•	•
Hercules	G4800, GTA4800	•	2178315	•	•	•
	HEX, HXLEF	3016025	3116315	•	•	•
	1091-OS (intake)	3016025	3116315	•	•	•
Ingersoll-Rand	PKVG, KVGR, PKVGR (Naturally Aspirated)	9080113	•	•	•	•
		9180112	•	•	•	•
	XVG, PVG, JVG, SVG, KVG, PJVG, PSVG (Naturally Aspirated)	9080113	•	•	•	•
		9180112	•	•	•	•
	Turbocharged Models	9080113	•	•	•	•
		9180112	•	•	•	•
	KVS, KVR, KVSr with pre chamber	9177112	•	•	•	•
International	C537, C605	8011030	•	•	•	•
	U2, U2A, UC60, UC135	3016025	3116315	•	•	•
	U164, 169, 175	3016025	3116315	•	•	•
	UC135B, UC153	3016025	3116315	•	•	•
	UC175, 200, 301	3016025	3116315	•	•	•
	C537,C605 (Natural and LP Gas)	8004025	8179215	8179515	8379515	•
	U817, U817B, UT817, UT817B					
	(Natural and LP Gas) 14mm heads	6115615	6185215	•	6385515	•
Jenbacher	J208-J320	1176112	•	•	•	•
	J316 GS	•	•	•	•	•
	J312GS	•	•	•	•	•
	J420	•	•	•	•	•
	J612 thru 8/95	1176112	•	•	•	•
	J612 After 9/95	1177012	•	1177512	•	•
	J616 Thru 8/95	1176112	•	•	•	•
	J616 After 9/95	1175112	•	1177512	•	•
	JGS620	•	•	•	•	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
JLO-Rockwell	G49, L25, L77, LV298, MM25, MM40	6082025	6185215	•	6385515	•
	GA50, V49	6082025	6185215	•	6385515	•
John Deere	300 Series	8004025	8179215	8179515	8379515	•
	400 and 500 Series Natural Gas Engines	7177115	7177315	•	7377115	•
	6076AFN30	•	2178315	•	•	•
	W, WSP	9018025	•	•	•	•
JW Power	Super burn	9077115	•	•	•	•
		9177115	•	•	•	•
	Super burn-pre-chamber	8004025	8179215	8179515	8379515	•
Lorain	A, L, O, R with 7/8"-18 Heads	9085113	•	•	•	•
	30, 37, 40, 50	3016025	3116315	•	•	•
Lufkin	F280	9089525	•	•	•	•
	H795 (Severe Service)	9085113	•	•	•	•
	H1770, H2165 (Normal Service)	9085113	•	•	•	•
	H1770, H2165 (Severe Service)	9080113	•	•	•	•
	HT333, HC333, H795, GSD,G SDH	9085113	•	•	•	•
	L333, 795, 1770, 2165	9089525	•	•	•	•
M.E.P. Industries	M.E.P. 6-12	7177112	7177315	•	7377115	•
Minneapolis-Moline	164-4A, 185-4A, 206-4A (Gasoline) Low Compression	3016025	3116315	•	•	•
	403-4A, 605-6A, 1918-4A, 2714-6A					
	(Gasoline) High Compression	9085113	•	•	•	•
	BEU, DU, FEU, GU, GUA, HU (Gasoline) High Compression	9085113	•	•	•	•
	CU, KEU, JU, 283-4A, 4256A (Gasoline) 18MM Heads	9085113	•	•	•	•
	LU, MEU, NEU, SEU, TAU, TEU (Gasoline)	9085113	•	•	•	•
	206-4A, 220-4, HD220-4A, M220-A4A, 283-4A, 336A, HD425-6A, HD504-6A, 605A-6A, 605B-6B, HD605-6A, HD800-6A, HD800A-6A, 1210-12A (Natural Gas)	7177115	7177315	•	7377115	•
	403-4A, 245-6A, 605-6A, 1918-4A, 2714-6A (Natural Gas)	9085113	•	•	•	•
	800-6A, 1210-12A, 1600-12A	9085113	•	•	•	•
	BEU, DU, FEU, GU, GUA, HU (Natural Gas)	9085113	•	•	•	•
	CU, KEU, JU, 283-4A, 4256A (Natural Gas)	9085113	•	•	•	•
	LU, MEU, NEU, SEU, TAU, TEU (Natural Gas)	9085113	•	•	•	•
Niigata Power Systems	6L22AG, 8L22AG, 12V22AG, 16V22AG, 18V22AG, 18V28AG	•	•	•	•	•
	6L26HX-G, 6PA5-DF, 8L26X-G, 8PA5L-DF, 12PA5-DF, 12V26HX-G, 16V26HX-G	•	•	•	•	•
Nordberg	FSE96	1176112	•	•	•	•
Perkins	G4-203	8011030	•	•	•	•
	900 SERIES	•	2178321	•	•	•
	4000 SERIES	•	•	1177512	•	•
Rathbun Jones	All Models with G-402 Reducing bushing	3014115	3116315	•	•	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
Roiline	F1500, F1850, H2000, H2150, H2470, L3000, L3230, L3640, L4000 (Gasoline) High Compression Engines	7177115	7177315	•	7377115	•
Rotax	370cc	6082025	6185215	•	6385515	•
Ruston	RK270GS	9180112	•	•	•	•
Sacks	SL-2	6082025	6185215	•	6385515	•
	504 and 505 series, 508	•	6185215		6385515	•
SACM	Models 175 and UD30	•	2178315	•	•	•
Stover	CT 1-4, DV1, DV2, DVA2, K1, K6, K8, MV2-MV7, XVH, 502	9018025	•	•	•	•
Superior	1706G2 and 1712G1	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	G510, GT510	3014125	3116315	•	•	•
	G825, GX825, GT825	3014125	3116315	•	•	•
	GTL Series	3014125	3116315	•	•	•
	SGT Series	3014125	3116315	•	•	•
	2400 G Series	1175112	•	•	•	•
	VG825 and VGT 825 Series 86	9080120	•	•	•	•
Volkswagen	122, 124A (Natural and LP Gas)	6082025	•	•	•	•
Wartsila	Model 175	•	2178315	•	•	•
	W25SG, W28SG, W34SG	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Waukesha (Gasoline)	F265GA, 283G (14MM Heads)	8011030	•	•	•	•
	VRG265, 283, 310 (14MM Heads)	8011030	•	•	•	•
	CFR (18MM Heads)	3016025	3116315	•	•	•
	D155G, D176G, VRG232 (18MM Heads)	3016025	3116315	•	•	•
	140GK, 140GS, 145GK, 145GS, 180GS, 185GS, 190GS, FC (18MM Heads)	3016025	3116315	•	•	•
Waukesha (Natural Gas)	H1077G, H1077GSI, L1616G, L1616GSI	•	8179215	8179515	8379515	•
	P2154G, P2154GSI	•	8179215	8179515	8379515	•
14MM Heads	VRG220, 230	8004025	8179215	8179515	8379515	•
	VRN265, 283, 310	8004025	8179215	8179515	8379515	•
Waukesha (Natural Gas)	16 cyl	•	•	•	•	•
APG Series						
VSG Series (14MM Heads)	F11, F11GSI, F11GSID	•	8179215	8179515	8379515	•
VSG Series (18MM Heads)	F1197GRSI, F1905GRSI Gen Set	7177115	7177315	•	7377115	•
	F2894G, F2894GRSI, F3520G, F5100GR	7177115	7177315	•	7377115	•
	L788GRSI, L7040G	7177115	7177315	•	7377115	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
	L5100GRSI, L5788GR	7177115	7177315	•	7377115	•
	L7042GSIE, F3521GSIE	7177115	7177315	•	7377115	•
	6BZ, 6LRZ, 6LRZB, 6MZA, 6MZR, ICK	7177115	7177315	•	7377115	•
	6NK, 6WAK, 6WAKB, NKR, WAKR, LROB	7177115	7177315	•	7377115	•
	140GK, 145GK, FC	7177115	7177315	•	7377115	•
	180G, 180GB, 180GKB, 185GLB	7177115	7177315	•	7377115	•
	190G, 190GLB, 195G, 195GK	7177115	7177315	•	7377115	•
VHP Series	9390G, P9390GSI	7177115	7177315	•	7377115	•
V-16	9390GL (½" Reach)	7177112	7177315	•	7377115	•
	9390GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	5115GL	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
V-12	L5108G, L5108GSI, L5790G	7177115	7177315	•	7377115	•
	L5790GSI, L7042G, L7042GSI	7177115	7177315	•	7377115	B13-2
	5180GL, 5790GL (½" Reach)	7177112	7177315	•	7377115	•
	5180GL, 5790GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	7042GL (½" Reach)	7177112	7177315	•	7377115	B13-2
	7042GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Inline-6	F2895G, F2895GSI	7177115	7177315	•	7377115	•
	F3521G, F3521GSI	7177115	7177315	•	7377115	•
	2895GL (½" Reach)	7177112	7177315	•	7377115	•
	2895GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
	3521GL, 3521GSI (½" Reach)	7177112	7177315	•	7377115	•
	3521GL, 3521GSI (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
VHP4 Series	7044	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
AT Series	AT27GL (½" Reach)	7177112	7177315	•	7377115	•
V-16	AT27GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
V-12	AT25GL, AT27GL (½" Reach)	7177112	7177315	•	7377115	•
	AT25GL, AT27GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Inline 8	AT25GL, AT27GL (½" Reach)	7177112	7177315	•	7377115	•
	AT25GL, AT27GL (⅜" Reach)	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
VGF Series	P48GL, P48GLD, P48GLD2	1177012	•	1177512	•	•
V-16		1175112	•	1177512	•	•



Manufacturer	Model	Standard Plug	Precious Metal	Iridium	Integral Coil	Shielded Barrel
V-12	L36GL, L36GLD, L36GLD2	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Inline 8	H24G, H24GL, H24GLD, H24GLD2	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Inline 6	F18, F18GL, F18GLD, F18GLD2	1177012	•	1177512	•	•
		1175112	•	1177512	•	•
Intermediate Series	F1905GR	7177115	7177315	•	7377115	•
	6SRKR, XAH, LROB (7/8"-18 Heads)	9085113	•	•	•	•
Wisconsin	ACN, AEN, AENLD, AEH, AENL, AENS, AFH, AGH, AHH	3016025	3116315	•	•	•
	AGND	3021025	•	•	•	•
	BKN, S7D, S8D, S10D, S12D, S14D, TE	3016025	3116315	•	•	•
	TF, TH, THD, TRA10D, TRA12D, THPD, TJD	3016025	3116315	•	•	•
	THOM, VE4, VF4, VE4, VF4D	3016025	3116315	•	•	•
	VG4D, VH4, VH4D, W2-280	3016025	3116315	•	•	•
	VHDM, TR10D, W4-1770, W2-1230	3016025	3116315	•	•	•
	W2-1230 (AFTER 5996538), 1235, 1250, W4-2460	8004025	8179215	8179515	8379515	•
	W2-880	3016025	3116315	•	•	•
Witte	G260	6082025	6185215		6385515	-
Worthington	CG, CCG, CCGX, DG, DDG, DHG, DRG, EEG, EHG, LFC, LCE	9085113	•	•	•	•
	LTC 18X25 and LTC 20X25	9018025	•	•	•	•
	ML Turbocharged	9080113	•	•	•	•
		9180112	•	•	•	•
	SDGX, SDHP, SLHC, SLHCA, SLHP, SUTC, SEGH, SWG	9180112	•	•	•	•
	UTC	9080113	•	•	•	•
		9180112	•	•	•	•
Young	All	9018025	•	•	•	•



GPG® Heat Range Chart

14 MM thread Diameter

Heat Range (IMEP)	Thread Reach	Hex Size	Standard Design	Electrode Configuration	Precious Metal Platinum/Paladium	Electrode Configuration	Precious Metal Iridium	Electrode Configuration
250-300	1/2"	13/16"	6115615	Double Bar	6185215	Double Bar		
250-300	1/2"	13/16"					6385515	Shielded "J" Gap
350-400	3/4"	5/8"			2178315	"J" Gap		
350-400	3/4"	5/8"			2178317	"J" Gap		
350-400	3/4"	5/8"			2178321	"J" Gap		
350-400	3/4"	13/16"					8379515	Shielded "J" Gap
350-400	3/4"	13/16"			8179215	Double Bar	8179515	"J" Gap



18 MM thread Diameter

Heat Range (IMEP)	Thread Reach	Hex Size	Standard Design	Electrode Configuration	Precious Metal Platinum/Paladium	Electrode Configuration	Precious Metal Iridium	Electrode Configuration
150-200	1/2"	7/8"	3014115	4 Pronge				
150-200	1/2"	7/8"	3014125	4 Pronge				
150-200	1/2"	7/8"	3016025	"J" Gap	3016315	"J" Gap		
150-200	1/2"	7/8"			3116315	"J" Gap		
300-350	1/2"	7/8"	7177112	4 Pronge				
300-350	1/2"	7/8"	7177115	4 Pronge	7177315	"J" Gap		
300-350	1/2"	7/8"	7177120	4 Pronge				
300-350	1/2"	7/8"	7377115	shielded 4 pronge				
400+	13/16"	7/8"	1177012	"J" Gap			1177512	"J" Gap
400+	13/16"	7/8"	1175112	4 Pronge				
400+	13/16"	7/8"	1176112	4 Pronge				



7/8"-18 thread Diameter

Heat Range (IMEP)	Thread Reach	Hex Size	Standard Design	Electrode Configuration	Precious Metal Platinum/Paladium	Electrode Configuration	Precious Metal Iridium	Electrode Configuration
100-150	5/8"	15/16"	9089525	Round ground				
100-150	3/4"	15/16"	9018025	"J" Gap				
200-250	5/8"	15/16"	9085113	4 Pronge				
200-250	5/8"	15/16"	9085120	4 Pronge				
300-350	5/8"	15/16"	9080113	4 Pronge				
300-350	5/8"	15/16"	9080120	4 Pronge				
300-350	5/8"	15/16"	9180113	4 Pronge				
300-350	5/8"	15/16"	9180115	4 Pronge				
300-350	7/8"	1"	9178112	4 Pronge				
300-350	1"	1"	9077112	4 Pronge				
300-350	1"	1"	9077115	4 Pronge				
300-350	1"	1"	9177112	4 Pronge				
300-350	1"	1"	9177115	4 Pronge				





Master Interchange

Altronics To GPG

Altronics #	GPG #	Altronics #	GPG #
J1443DP	6185215	L1863IP	1177512
J1463DP	8179215	L2252B	9080113
L1863B	1175112	L2282B	9077115
L1863DP	1177512	N1843B	3014125

Arrow To GPG

Arrow #	GPG #
330-18k6	6185315

Beru To GPG

Beru #	GPG #	Beru #	GPG #	Beru #	GPG #
14FR-4DPUO	2178315	18GZ20	1175112	18GZ7	1176112
14R4ADP	6185215	18GZ22	7177112	18GZ34	7377115
14R4CDP	8179215	18GZ33	7177315	18GZ35	N/A
14R-4CIU	8179515	18GZ4-77	1177512	18GZ38	N/A
145-5BIU	6185215	18GZ5-77	N/A	18GZ39	7379515
14-3CPU	8179215 / 8179515	18GZ6-77	1177512	18GZ40	6385515

BG To GPG

BG #	GPG #	BG #	GPG #	BG #	GPG #
RB105-1	9085113	RB114-1	9077115	RB777-1	1177512
RB212-1	N/A	RB485	7177115	RB993R	8179215
RB114	9177112	RB590	6185215		

Caterpillar To GPG

Caterpillar #	GPG #	Caterpillar #	GPG #	Caterpillar #	GPG #
2N2839	8179215	2A3643	3016025 / 3016315	194-8518	1177512

Champion To GPG

Champion #	GPG #	Champion #	GPG #	Champion #	GPG #
D14N	3014115	RL15B	6115615	RW80N	9180112
D14N	3014025	RL85G	6185215	RW80N	9180115
D16	3016025	RTL85G	6385515	W18	9018025
D21	3021025	RM77N	7177112	W77N	9077112
D23	3021025	RM77N	7177115	W77N	9077115
KB77WPCC	1177512	RM77N	7177120	W80N	9080113
L82C	6082025	RTM77N	7377115	W80N	9080120
N4C	8004025	RM77PP	7177315	W85N	9085113
RB75N	1175112	RN79G	8179215	W85N	9085120
RB76N	1176112	RN79G	8179225	W89D	9089525
RBT1CL	1177012	RTN79G	8379515		
RB77WPCC	1177512	RX85PYP	6185315		
RC78PYP	2178315	RW77N	9177112		
RC78PYP	2178317	RW77N	9177115		
RC78PYP	2178321	RW78N	9178112		



Master Interchange

Denso To GPG

Denso #	GPG #	Denso #	GPG #	Denso #	GPG #
GI3-1A	1177512	GE3-1	8179215	W16EP-U	8004025
GI3-3A	1175112	GK3-1A	2178315	W20FS-U	6185215
GA3-1	8179515	M17	3016025 / 3116315		

Deutz To GPG

Deutz #	GPG #
1230-1188	1177512

Duson To GPG

Duson #	GPG #
65.10701-6002	2178315

Jenbacher To GPG

Jenbacher #	GPG #	Jenbacher #	GPG #
404492	1177512	338-159	1175112

NGK To GPG

NGK#	GPG #	NGK #	GPG #	NGK #	GPG #
A6	3016025 / 3116315	B6ES	8004025	BP5ES	8011030
B5ES	8004025	B7HS	6082025	Ir1fr7f-d	2178315

Stitt™ To GPG

Stitt #	GPG #	Stitt #	GPG #	Stitt #	GPG #
17E/17EX	9089525	RL80	1175112	R806	1175112
117/107	9080113 / 9080120	R107	9180112 / 9180115	R807	7177112
137BSP	9085113 / 9085120	R40L	6115615	RL807LL	1175112
79/718	9018025	R40XL	8179215 / 8179225	R817	1176112
727	9077112 / 9077115	R407XLC	2178315	2SGA40XL	8179215
82	3016025 / 3116315	R407L	6115615	R2SGAL40	6185215
86	3021025	R457L	6185215	CPM-2SGA40XL	8379515
897	3014115 / 3014125	R717	9177112 / 9177115	CPM-2SGA40L	6385515

Waukesha To GPG

Waukesha #	GPG #	Waukesha #	GPG #
60999Z	1177012	69919D	1177512
69919	1177512	60999F	7177112

Competitor and GPG designs differ in appearance, as the GPG design is an O.E. replacement to the Champion™ design. The interchange is to be used as reference only to show coverage between the two offerings and does not necessarily mean the plugs are a one for one replacement. Please refer to the application guide for correct spark plug recommendations.

Industrial Ignition Coils

GPG Industrial Ignition Coils

Description	GPG Part Number
Black Molded Coil	91001
Black Can Coil	91001S
Blue Flange Coil	91018
Blue Molded Coil	91061
Blue Can Coil	91061S
Red Molded Coil	91010
Red Can Coil	91010S
Red Flange Coil	91012
Integral Coil 1"-20	91007
Integral Coil 13/16-20	91007X
Integral Coil	91008
Integral Coil	91011B
Integral Coil	91011C



GPG to Altronic Coil Interchange

Altronic™ #	GPG #	Altronic™ #	GPG#
291001	91001	591010	91010
291001S	91001S	591010S	91010S
501061	91061	591011A	91007X
501061S	91061S	591011B	91011B
591007	91007	591011C	91011C
591008	91008	591012	91012
		591018	91018

About GPG Spark Plugs

**Gateway Products Group is not new to the spark plug industry.
We have sold millions of spark plugs to United States companies since our inception.**

In 2000, we identified the need for an alternative to current industrial spark plug manufacturers and assembled a team of industrial spark plug experts, with over 70 years combined experience, to develop our industrial product line. After over 2 years of engineering and testing, we completed development of an industrial spark plug program to meet the industry's needs.

The product line includes 42 of the most popular SKU's covering approximately 95% of industry dollar sales. Our long life plugs use precious metal alloys to meet the demanding requirements of modern engines, while reducing the need for product replacement due to electrical gap growth.

All GPG spark plugs are manufactured to our specifications by our ISO9002 and QS9000 certified manufacturing partner and every spark plug is scrutinized to ensure the highest product quality and that they meet or exceed all O.E. specifications.

Gateway Products Group also recognized product quality is only part of the solution to ensure customer satisfaction; we have listened to customers and offer what they would like to see in an industrial spark plug program. These include:

- Competitive Prices
- Direct Sales Support
- Improved Profitability
- Technical Assistance

For more information on the GPG advantage contact us at: Sales@gpgsparkplugs.com



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