

LB11

Features		Cross Reference
Code	LB11	•For CNG & LPG applications.
Hex	16mm (5/8") / 20.6MM (13/16")	
Thread	M14x1.25	
Reach	19mm (3/4")	
Gap	0.38 mm	
Heat range	-	
Resistor	Yes	
Electrode	Racing	
Material	Iridium	
Seat Type	Flat	

LB12

Features		Cross Reference
Code	LB12	<ul style="list-style-type: none"> • Denso GE3-5 • Champion RN79WYW • Bosch 7315 • BERU 14R-4CIU2 • Etc.
Hex	20.6mm (13/16")	
Thread	M14x1.25	
Reach	19mm (3/4")	
Gap	0.3 mm	<p>Application: ARIEL JGS-1 HIGH TENSION , JGS-1 LOW TENSION ARROWS VRG220,VRG330 CATERPILLAR 3306, G333 3/4" Reach, G343, G3304, G3400 series CHRYSLER Thru 1974 H225, HB-225, HB361, HB383, HC361, HT361, HB413, HC413, HB170, HT413, HB426, HC426, H170, IND53, IND56, IND56A, LH318, H170, HB170, H225, HB225, HB361, HB383, HC361, HT361, HB413, HC413, HT413, HB426, HC426. CUMMINS No.173416 5/8" Reach w/N677 Gasket(w/special adapter) ,Q19G,QSV81-V16,QSV91-V18. LIEBHERR G 924 T, G 924 TC, G 926 T, G 926 TC, G 926 TC 40, G 9408 TC, G 9408 TC 40 MAN E 0824 E 301, E 0824 E 302, E 0826 E301, E 0826 E302,, E 2842, E 2842 LE, E 2843 LN, E 2876, E 2866 LUH01 WAUKESHA F11G, F11GSI / CSID, P2154G, P2154GSI, H1077G, H1077GSI, L1616G, L1616GSI</p>
Heat range	79	
Resistor	Yes	
Electrode	Standard	
Material	Double Iridium	
Seat Type	Flat	

LB12-1A

Features		Cross Reference
Code	LB12-1A	<ul style="list-style-type: none"> • Champion RN79G, 530 • Denso GE31, GE33, GE35, GA31 • BERU RB993R, 14CPU, 14RCIU2 BG RB993R • STITT 2SGA40XL, R407XL • Etc.
Hex	20.8mm (13/16")	
Thread	M14x1.25	
Reach	19mm (3/4")	
Gap	0.38mm	
Heat range	79	<p>Application: ARIEL JGS-1 High Tension, JGS-1 Low Tension ARROWS VRG220, VRG330 CATERPILLAR 3306,G333 3/4" Reach,G343,G3304, G3400 Series CHRYSLER Thru 1974 H225, HB-225, HB361, HB383, HC361, HT361, HT413, HB426, HC426, H170, IND53, IND56, IND56A, IND56, IND56A, LH318, H170, HB170, H225, HB225, HB361, HB383, HC361, HT361, HB413,HC413,HT413,HB426,HC426 CUMMINS No. 173416 5/8" Rch w/N677 Gasket, No. 90210035, 90210036 3/4" Rch. DORMAN 3DAG, 4DAG, 6DAG, 6QG, DATG4, 6SEG, 8SEG, 12SEG, 6SETCWG MinNox FORD 158, 175, 201, 256 cid GENERAL MOTORS 305, 351, 401, 478, 702 Gasoline, 305, 351, 401, 478, 702 LPG JOHN DEERE—300 Series J-W POWER Superburn Pre-Cell WAUKESHA H1077G, H1077GSI, L1616G,L1616GSI, P2154G, P2154GSI, VRG220, VRG330,, VRN265, VRN283, VRN310, F11G, F11GSI/GSID WISCONSIN W2-1230 Serial #5996538 & Up, W2-1235, W4-2460, W2-1250</p>
Resistor	Yes	
Electrode	Parallel Bars	
Material	Iridium	
Seat Type	Flat	

LB13

Features		Cross Reference
Code	LB13	<ul style="list-style-type: none"> • Champion RB77WPCC • Denso G13-1A, G13-3A, G13-5A • CAT 243-4291, 194-8518 • Bosch 7301, 7306 • BERU 18GZ6-77-2 • Waukesha 69919D
Hex	22.2mm (7/8")	
Thread	M18x1.25	
Reach	20.6mm (13/16")	
Gap	0.31mm	<p>Application: Most common in Jenbacher engines</p> <p>CATERPILLAR G3500 Series, G3600 Series</p> <p>CUMMINS Q19G, QSV</p> <p>GUASCOR FG180, FGLD180, FG240, FGLD240, FGLD360, FGLD480</p> <p>JENBACHER 208 612 12-Cyl. After 9/95, J616 16-Cyl. After 9/95</p> <p>PERKINS 4000 Series</p> <p>SUPERIOR 1706G2, 1712G1</p> <p>WARTSILA Model W25SG, W28SG, W34SG,</p> <p>WAUKESHA 9390GL (13/16" Rch Hds), 5115GL, 5108GL (13/16" Rch Hds), 5790GL (13/16" Rch Hds), 7042GL (13/16" Rch Hds), 2895GL (13/16" Rch Hds), 3521GL (13/16" Rch Hds), 12V-AT25GL/AT27GL (13/16" Rch Hds), 8L-AT25GL/AT27GL (13/16" Rch Hds), P48GL/GLD, L36GL/GLD, H24G, H24GL/GLD, F18G, F18GL/GLD</p>
Heat range	77	
Resistor	Yes	
Electrode	Standard	
Material	Massive Iridium	
Seat Type	Flat	

LB13-1A

Features		Cross Reference
Code	LB13-1A	<ul style="list-style-type: none"> • Champion RB77WPCC • Denso G13-1A, G13-3A, G13-5A • CAT 243-4291, 194-8518 • Bosch 7301, 7306 • BERU 18GZ6-77-2 • Waukesha 69919D
Hex	22.2mm (7/8")	
Thread	M18x1.25	
Reach	20.6mm (13/16")	
Gap	0.31mm	<p><i>Application: Most common in Jenbacher engines</i></p> <p>CATERPILLAR G3500 Series, G3600 Series</p> <p>CUMMINS Q19G, QSV</p> <p>GUASCOR FG180, FGLD180, FG240, FGLD240, FGLD360, FGLD480</p> <p>JENBACHER 208 612 12-Cyl. After 9/95, J616 16-Cyl. After 9/95</p> <p>PERKINS 4000 Series</p> <p>SUPERIOR 1706G2, 1712G1</p> <p>WARTSILA Model W25SG, W28SG, W34SG,</p> <p>WAUKESHA 9390GL (13/16" Rch Hds), 5115GL, 5108GL (13/16" Rch Hds), 5790GL (13/16" Rch Hds), 7042GL (13/16" Rch Hds), 2895GL (13/16" Rch Hds), 3521GL (13/16" Rch Hds), 12V-AT25GL/AT27GL (13/16" Rch Hds), 8L-AT25GL/AT27GL (13/16" Rch Hds), P48GL/GLD, L36GL/GLD, H24G, H24GL/GLD, F18G, F18GL/GLD</p>
Heat range	77	
Resistor	Yes	
Electrode	<i>Widened, "+" groove</i>	
Material	Massive Iridium	
Seat Type	Flat	

LB13-2A**Match with Jenbacher 436782**

Features		Cross Reference
Code	LB13-2A	<ul style="list-style-type: none"> • Jenbacher 436782 • Denso 518 • Etc.
Hex	22.2mm (7/8")	
Thread	M18x1.5	
Reach	20.6mm (13/16")	
Gap	0.3 mm	Application: Jenbacher GS 620
Heat range	77	
Resistor	Yes	
Electrode	Stepped	
Material	Massive Iridium	
Seat Type	Flat	

LB13-3A

Features		Cross Reference
Code	LB13-3A	<ul style="list-style-type: none"> •Caterpillar 284-8313, 146-2588, 199-9012 •Caterpillar 346-5123 •Etc.
Hex	20.6mm (13/16")	
Thread	M18x1.5	
Reach	20.6mm (13/16")	
Gap	0.3 mm	<p>Application: for heavy duty trucks applications Caterpillar G3520 , G3508 , G3516, G3512 etc.</p>
Heat range	77	
Resistor	Yes	
Electrode	Prechamber	
Material	Massive Iridium	
Seat Type	Flat	

LB-P3

Features		Cross Reference
Code	LB-P3	<ul style="list-style-type: none"> •Jenbacher P3.V3 347267 P3.V5 401824 •Etc.
Hex	22.2mm (7/8")	
Thread	M18x1.5	
Reach	20.6mm (13/16")	
Gap	0.3 mm	Application: Jenbacher GS 420
Heat range	77	
Resistor	Yes	
Electrode	Special	
Material	Massive Iridium	
Seat Type	Flat	

LB-P7

Features		Cross Reference
Code	LB13-2A	<ul style="list-style-type: none"> • Jenbacher P7.1V5 351000 P7.1V6 382195 • Etc.
Hex	22.2mm (7/8")	
Thread	M18x1.5	
Reach	20.6mm (13/16")	
Gap	0.3 mm	Application: Jenbacher GS 320, GS 316, GS 314
Heat range	77	
Resistor	Yes	
Electrode	Special	
Material	Massive Iridium	
Seat Type	Flat	

Industrial Spark Plug Application Guide

<i>Engine Make</i>	<i>Model</i>	<i>Bosch spark plug</i>	<i>CAT spark plug</i>	<i>Champion spark plug</i>	<i>Our spark plug</i>
Cummins	QSV 81G	7306	243-4291	RB77WPCC	LB13-1A
	QSV 91G	7306	243-4291	RB77WPCC	LB13-1A
	QSK19G	7306	243-4291	RB77WPCC	LB13-1A
	QSK45G	7306	243-4291	RB77WPCC	LB13-1A
	QSK60G	7306	243-4291	RB77WPCC	LB13-1A
	QSK38G	7306	243-4291	RB77WPCC	LB13-1A
	QSK50G	7306	243-4291	RB77WPCC	LB13-1A
Cat	G3400	7315			LB12
	G3500	7306	243-4291	RB77WPCC	LB13-1A
	G3600	7306	243-4291	RB77WPCC	LB13-1A
Waukesha	ATGL Series				
	AT27GL series – 13/16" Rch	7306	243-4291	RB77WPCC	LB13-1A
	VGF series				
	P48	7306	243-4291	RB77WPCC	LB13-1A
	L36	7306	243-4291	RB77WPCC	LB13-1A
	H24	7306	243-4291	RB77WPCC	LB13-1A
	F18	7306	243-4291	RB77WPCC	LB13-1A
	VHP Series				
	P9390GL-13/16" ' RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	L7044GSI-13/16" ' RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	7042GL-13/16" RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A

	L5790GL-13/16" RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	F3521GL-13/16" RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	OTHER				
	L5108GL-13/16" RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	L5115GL	7306	243-4291	RB77WPCC	LB13-1A
	F11G, F11GS/ GSID	7315			LB12
	F2895GL-13/16 RCH HEADS	7306	243-4291	RB77WPCC	LB13-1A
	OTHER NATURAL AND				
	LP GAS (14MM HEADS)				
	P2154G,P2154G SI	7315			LB12
	H1077G,H1077 GSI	7315			LB12
	L1616G,L1616G SI	7315			LB12
	VRG220,VRG33 0	7315			LB12
Perkins	G4-203	7315			LB12
	G4-236	7315			LB12
	900 series	7315			LB12
	4000 series	7306	243-4291	RB77WPCC	LB13-1A



LIBEN AUTO PARTS INDUSTRIAL CO., LTD.

Website: www.liben-parts.com

Tel: +86-750-2031388

Fax: +86-750-2038833

Phone: +86-13924686898

MSN: liben112@hotmail.com

E-mail: sales04@liben-parts.com

Skype: liben8888