

## Spark Plug Application Chart for Evinrude & Johnson Outboards 1952 thru 2007

Horsepower	Year	Spark Plug Number (see notes 1 and 2)	Gap (in.)
1.5	1968 - 1970	J6C	.030
2, JR	1971 - 1990	RJ6C	.030
Ultra, Excel 4	1987 - 1988	L78V surface gap or QL77JC4	.030
2.0, 2.3	1991 - 2001	L87YC or QL87YC	.030
2.5	1987 - 1988	QL86C	.030
3	1952 - 1968	J6C	.030
3.3	1991 - 2001	L87YC or QL87YC	.030
3.5	2002 & newer	QL87YC	.030
3, 4, 4 Deluxe	1989 - 2001	QL86C	.030
4	1969 - 1976	J6C	.030
4	1977 - 1987	QL86C or L86C	.030
4	1988	QL77JC4	.030
4.5	1980 - 1985	QL86C	.030
5	1965 - 1968	J6C	.030
5	1990 - 1997	QL86C	.030
5	1998 - 2001	<b>NGK</b> BPR7HS-10 (see note 1)	.035
5.5	1954 - 1964	J6C	.030
6	1965 - 1976	J6C	.030
6.5 Commercial	1981 - 1993	QL77JC4	.030
7.5	1952 - 1958	J6C	.030
6, 7.5, 8, 8 Commercial	1977 - 2001	QL77JC4 or QL86C	.030
9.5	1964 - 1973	J4C	.030
9.9	1974 - 1976	UL81C	.030
9.9	1977 - 1994	QL77JC4 or QL82C	.030
9.9	1995 & newer	QL82C	.030
10	1952 - 1958	J6C	.030
10	1959 - 1963	J4C	.030
10 Commercial	1992 - 1993	QL77JC4	.030
10, 15 Commercial	1994 - 2001	QL82C	.030
14	1988 - 1989	QL77JC4	.030
14 Commercial	1981 - 1991	QL77JC4	.030
15	1974 - 1976	UL81C	.030
15	1977 - 1992	QL77JC4 (or L78V Surface Gap)	.030
9.9 & 15 Big Bore	1993 - 2001	QL82C	.030
15	1954 - 1956	J6C	.030
15 Commercial	1992 - 1993	QL77JC4	.030
15 (Kerosene)	1995 - 2001	UL77V Surface Gap	
18	1957 - 1973	J4C	.030
18 Jet (25hp powerhead)	1995 - 2001	QL77JC4 or L78V or QL82C	.030
20	1966 - 1973	J4C	.030
25	1952 - 1955	J4C	.030

### NOTES:

1. All spark plugs are Champion brand unless otherwise specified.
2. When more than one plug number appears, the first plug listed is the preferred spark plug.
3. On **ALL** VRO/OMS equipped motors the "QL" supressor plug is recommended.

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Horsepower	Year	Spark Plug Number (see notes 1 and 2)	Gap (in.)
25	1969 - 1976	J4C	.030
25	1977	QL77JC4 or QL82C	.030
20, 25, 28, 30	1978 - 2001	QL77JC4 or L78V or QL82C	.030
25, 30	2003 & newer	QL77JC4	.030
25 Commercial	1981 - 2001	QL16V or L16V Surface Gap	
25, 35 (3-Cylinder)	1995 - 2001	QL82C	.030
28	1962 - 1964	J4C	.030
28 Jet (40hp powerhead)	1992 - 2001	QL78YC	.030
30	1956	J6C	.030
33	1965 -1971	J4C	.030
35	1957 - 1959	J6C	.030
35	1976	UL81C	.030
35	1977 - 2000	QL77JC4	.030
35 (3-Cylinder)	1995 - 2001	QL82C	.030
35 Jet (50hp powerhead)	1993 - 2001	QL78YC	.030
40	1960 - 1973	J4C	.030
40	1974 - 1976	UL81C	.030
40 Commercial (43 cu. in.)	1981 - 1990	UL81C	.030
40 Commercial (45 cu. in.)	1984 - 2001	QL16V Surface Gap	
45, 55 Commercial	1986 - 2001	QL16V or L16V Surface Gap	
50 (V4)	1958 - 1959	J4C	.030
50	1971 - 1975	L77JC4 or QL77JC4	.030
40, 48, 50 (2-Cylinder)	1980 - 1988	L78V Surface Gap or QL77JC4	.030
40, 48, 50 (2-Cylinder)	1989 - 2001	QL78YC (see note 3)	.030
40, 50	2003 & newer	QL78YC (see note 3)	.030
50 (3-Cylinder)	1995 - 1998	QL78YC (see note 3)	.030
55 (3-Cylinder)	1968 - 1969	L76V Surface Gap or L77JC4	.030
55 (2-Cylinder)	1976 - 1989	L78V Surface Gap or QL77JC4	.030
60 (2-Cylinder)	1980 - 1985	L78V Surface Gap or QL77JC4	.030
60 (3-Cylinder)	1970 - 1971	L76V Surface Gap or QL77JC4	.030
60 (V4)	1964 - 1967	J4C	.030
60, 70, 75 (49 cu. in.)	1975 - 1989	L77JC4 or QL77JC4	.030
60, 70 (56 cu. in.)	1989 - 1993	L77JC4 or QL77JC4 (see note 3)	.030
60, 70 (56 cu. in.)	1994 - 2001	QL78YC (see note 3)	.030
65 Jet (90° crossflow V4)	1992 - 1998	QL77JC4 or QL82C (see note 3)	.030
65 (V4)	1968	L76V Surface Gap or QL77JC4	.030
65 (3-Cylinder)	1972 - 1973	L77JC4	
65 Commercial	1984 - 1987	L78V Surface Gap or L77JC4	.030
65 Commercial	1988 - 2001	QL16V or L16V Surface Gap	
75 (V4)	1960 - 1965	J4C	.030
80	1966 - 1967	J4C	.030
85	1973 - 1980	L77JC4 or QL77JC4	.030
90	1964 - 1965	J4C	.030
80 Jet (90° crossflow V4)	19xx - 1998	QL77JC4 or QL82C (see note 3)	.030

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Horsepower	Year	Spark Plug Number (see notes 1 and 2)	Gap (in.)
88, 90, 100, 110, 112, 115	1979 - 1998	QL77JC4 or QL82C	.030
90, 115 (60° V4 Eagle)	1995 & newer	QL78YC (see note 3)	.030
90, 115 TurboJet (90° crossflow V4)	1994 - 1997	QL77JC4 or QL82C (see note 3)	.030
100	1966	J4C	.030
100	1967 - 1968	L78V Surface Gap or QL77JC4	.030
100	1971 - 1972	L76V Surface Gap or QL77JC4	.030
100 Commercial	1984 - 1998	L78V or QL16V Surface Gap	
105 Jet (60° V6)	1993 & newer	QL78YC (see note 3)	.030
105 Commercial (60° V4)	1997 - 2001	QL78YC (see note 3)	.030
115	1969 - 1970	L76V Surface Gap or QL77JC4	.030
120, 140 (90° V4 Looper)	1985 - 1993	QL77JC4 or QL16V Surface Gap	.030
120, 130, 135, 140 (90° V4 Looper)	1994 - 2001	QL78YC (see note 3)	.030
125	1971 - 1972	L76V Surface Gap or QL77JC4	.030
135, 140	1973 - 1984	UL77V or L16V Surface Gap	
150, 175 (60° V6)	1991 & newer	QL78YC (see note 3)	.030
150 Commercial (60° V6)	1993 - 2001	QL78YC (see note 3)	.030
150, 155 (90° crossflow V6)	1978 - 1987	UL77V or L16V Surface Gap	
150, 175 (90° crossflow V6)	1988 - 1991	QL77JC4 (see note 3)	.030
155 Commercial	1989 - 1992	QL16V Surface Gap	
175, 185	1977 - 1987	UL77V or QL16V Surface Gap	
185 Commercial	1990 - 1993	QL16V Surface Gap or QL77JC4	.030
200	1976 - 1983	UL77V or QL16V Surface Gap	
200, 225	1986 - 1993	QL77JC4	.030
200 Commercial	1992	QL16V or L16V Surface Gap	
200 Commercial	1993 - 2001	QL78YC (see note 3)	.030
200, 225, 225HO	1994 - 2001	QL78YC (see note 3)	.030
235	1978 - 1985	QL16V or UL77V Surface Gap	
250, 275, 300 (V8)	1985 - 1998	QL78YC (see note 3)	.030
OMC Sea-Drive 2.5, 26 Litre	1988 - 1992	UL77V	
3.0 Litre	1988 - 1992	QL77JC4 (see note 3)	.030
OMC Sea-Drive 3.6, 4.0 Litre	1988 - 1992	QL77JC4 (see note 3)	.030
OMC Sail-Drive (Zepher)	1977 - 1984	QL8YC	.045

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Horsepower	Year	Spark Plug Number (see note 1)	Gap (in.)
<b>4-Stroke Models</b>			
4, 5 (4-Stroke)	2002 & newer	<b>NGK</b> BPR6ES	.030
5 (4-Stroke)	1997 - 2001	P10Y	.027
5 (4-Stroke)	2002 & newer	<b>NGK</b> BPR6ES	.030
6 (4-Stroke)	1998 - 2001	P10Y	.027
6 (4-Stroke)	2003 - 2004	RP10HC	.027
6 (4-Stroke)	2005 & newer	<b>NGK</b> BPR6ES	.030
8 (4-Stroke)	1998 - 2001	P10Y	.027
8 (4-Stroke)	2003 & newer	RP10HC	.027
9.9 (4-Stroke, 211cc)	1998 - 2001	P10Y	.027
9.9 (4-Stroke, 305cc)	1995 - 2001	RA8HC	.030
9.9 (4-Stroke w/Mikuni Carburetor)	2003 - 2004	<b>NGK</b> DCPR6E (see note 1)	.031
9.9 (4-Stroke w/Keihin Carburetor)	2005 & newer	<b>NGK</b> DCPR6E (see note 1)	.031
15 (4-Stroke)	1995 - 2001	RA8HC	.030
15 (4-Stroke w/Mikuni Carburetor)	2003 - 2004	<b>NGK</b> DCPR6E (see note 1)	.031
15 (4-Stroke w/Keihin Carburetor)	2005 & newer	<b>NGK</b> DCPR6E (see note 1)	.031
25, 30 (4-Stroke)	2001 & 200	<b>NGK</b> DCPR6E (see note 1)	.031
40, 50 (4-Stroke)	1999 & newer	<b>NGK</b> DCPR6E (see note 1)	.031
70 (4-Stroke)	1998 - 2001	<b>NGK</b> BPR6ES (see note 1)	.028
60, 70 (4-Stroke)	2002 & newer	<b>NGK</b> BPR6ES (see note 1)	.028
90, 115 (4-Stroke)	2003 & newer	<b>NGK</b> BKR6E (see note 1)	.028
140 (4-Stroke)	2003 & newer	<b>NGK</b> BKR6E (see note 1)	.028
200, 225 (4-Stroke)	2004 & newer	<b>NGK</b> BKR6E (see note 1)	.028

#### Ficht & DI Models

90, 115 Ficht	1998 - 1999	7712	.030
90, 115 Ficht	2000 -2005	XC12PEPB	.030
<b>115 DI</b>	<b>2006 &amp; newer</b>	<b>RC12PEPB</b>	<b>.030</b>
135, 150, 175 Ficht/DI	2001 & newer	XC12PEPB	.030
150, 175 Ficht/DI	1997 - 1999	7712 (with non-pinned cylinder heads)	.030
150, 175 Ficht/DI	1997 - 1999	XC12PEPB (with pinned cylinder heads)	.030
150, 175 Ficht/DI	2000 & newer	XC12PEPB	.030
200, 225, 250 Ficht/DI (incl. HO)	1999 & newer	QC12PEP	.030

#### E-TEC Models

E-TEC 40, 50, 60	2004 - 2005	QC12PEP	.030
<b>E-TEC 40, 50, 60</b>	<b>2006 - 2007</b>	<b>QC12PEPB</b>	<b>.030</b>
E-TEC 65 Jet	2005	QC12PEP	.030
E-TEC 75, 90	2004 - 2005	QC12PEP	.030
<b>E-TEC 75, 90</b>	<b>2006 - 2007</b>	<b>QC12PEPB</b>	<b>.030</b>
E-TEC 90	2004 - 2005	QC12PEP	.030
<b>E-TEC 90</b>	<b>2006 - 2007</b>	<b>QC12PEPB</b>	<b>.030</b>
E-TEC 115	2007	<b>QC10PEPB</b>	<b>.028</b>
E-TEC 150, 175, 200 (60° V6)	2007	<b>QC10PEPB</b>	<b>.028</b>
E-TEC 200, 225, 250 (90° V6, incl. HO)	2005 & newer	<b>Was QC10PEPB Changed to QC10WEP</b>	.028

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