



Johnson/Evinrude

DVA (Peak Reading) Voltage and Resistance Chart

HP	Year	Model	Ignition Part Number	Stator						Trigger		
				Charge Coil			Power Coil			Read	Ohms	DVA
				Read	Ohms	DVA	Read	Ohms	DVA			
4-60	1978-1988	CD2	582285 582453 582474 583241 113-2285* 113-2453* 113-2474* 113-3241*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White/Black to Black/White	15-50	0.6V+
4-55	1989-1993	CD2 - USL	584488 584489	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	N/A	N/A	N/A
4-55	1989-1993	CDI USL Replacement	113-4488* 113-4489*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White/Black to Black/White	15-50	0.6V+
5-50	1992-2006	CD2 W/SLOW	584767 584783 113-4767* 113-4783*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White/Black to Black/White	15-50	0.6V+
25-50	1992-2005	CD2 W/SLOW	585316 113-5316*	Brown to Brown/Yellow	450-550	150-400V	Orange to Orange/Black	450-550 45-55*	11-22V	White to Blue and Green	15-50	100-400V
50-55	1971-1977	Power Pack 2	581397 113-1397*	Brown to Engine Ground	400-600	150-400V	N/A	N/A	N/A	White/Black to Black/White	10-20 30-40*	0.6V+
25-35 Electric Start	1995-1997	CD3 OPTICAL	584823 586472 586504	Brown to Brown/Yellow	720-880	150-400V	Orange to Orange/Black	52-62	11-22V	N/A	N/A	N/A
25-35 Manual Start	1995-1997	CD3 OPTICAL	584823 586472 586504	Brown to Brown/Yellow	1010-1230	150-400V	Orange to Orange/Black	76-92	11-22V	N/A	N/A	N/A
40-70	1993-2001	CD3 Looper	584808 113-4808*	Brown to Brown/Yellow	450-550	150-400V	Orange to Orange/Black	450-550 45-55*	11-22V	White to Blue/Purple/Green	Open	100-400V 6-12V
60-75	1972-1978	Power Pack 3	581726 113-1726*	Brown to Brown/Yellow	400-600	150-400V	N/A	N/A	N/A	White to Black/White Black/White to White/Blacks	10-20 30-40*	0.6V+
60-75	1979-1990	CD3	582115 582138 113-2115* 113-2138*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green	38-42	0.6V+
60-70	1989-1995	CD3 W/SLOW	583748 113-3748*	Brown to Brown/Yellow	450-550	150-400V	Orange to Orange/Black	450-550 45-55*	11-22V	White to Blue/Purple/Green	38-42	100-400V
65-75	1984-1988	CD3	582537 582556 582705 583122 113-2537* 113-2556* 113-2705* 113-3122*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green	38-42	0.6V+
65	1996-2001	CD3 W/SLOW	585274 113-5274*	Brown to Brown/Yellow	450-550	150-400V	Orange to Orange/Black	450-550 45-55*	11-22V	White to Blue/Purple/Green	38-42	100-400V
65-115	1989-1998	CD4	584028 584030 113-4028* 113-4030*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green/Pink	35-55	100-400V
85-140	1973-1977	Power Pack 4	581731 113-1731*	Brown to Brown/Yellow	400-600	150-400V	N/A	N/A	N/A	#1 to #3 and #2 to #4	10-20 30-40*	0.6V+
85-140	1978-1987	CD2/4 Dual Packs	582125 582684 582704 582811 583110 583116 113-2125* 113-2684* 113-2704* 113-2811* 113-3110* 113-3116*	Brown to Brown/Yellow Brown to Brown/Yellow	9 AMP 450-550 35 AMP 950-1100	9 AMP 150-400V 35 AMP 150-400V	N/A	N/A	N/A	White to Blue and Green	15-50	0.6V+
88-140	1985-1987	CD4	583072 583101 113-3072* 113-3101*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green/Pink	35-55	0.6V+
90-115	1995-2006	CD4 OPTICAL	586292 113-6292*	Brown to Brown/Yellow (or Brown/White)	450-600	150-400V	Orange to Orange/Black	50-60	11-22V	Orange/Red to Eng Gnd Black/Orange to Eng Gnd	N/A	10.5-12 VDC 8-10 VDC
120-140	1988-2001	CD4 W/SLOW	584041 113-4041*	Brown to Brown/Yellow Brown to Brown/Yellow	9 AMP 450-550 35 AMP 950-1100	9 AMP 150-400V 35 AMP 150-400V	Orange to Orange/Black	93-100 45-55*	11-22V	White to Blue/Purple/Green/Pink White to Blue/White, Purple/White, Green/White and Pink/White	35-55 120-130	0.6V+ 1.5V+
125 COMM Manual Start	1996-1998	CD4	584032 113-4032*	Brown to Brown/Yellow	450-550	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green/Pink	35-55	100-400V

Blk = Black Grn = Green Pur = Purple Yel = Yellow Eng Gnd = Engine Ground N/A = Not Applicable Pri = Primary
 Brn = Brown Org = Orange Wht = White Gnd = Engine Ground COMM = Commercial Sec = Secondary

* Indicates a part manufactured by CDI Electronics

NOTE: Ignition Coils will read 0.2 to 1.0 ohms on the Primary and 200-400 ohms on the Secondary windings

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HP	Year	Model	Ignition Part Number	Stator						Trigger		
				Charge Coil			Power Coil			Read	Ohms	DVA
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150-235	1977-1978	Power Pack 3/6	581726 113-1726*	Brown to Brown/Yellow	400-600	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green	10-20 30-40*	0.6V+
150-235	1979-1988	CD3/6 Dual Packs	582138 582651 582817 583112 583114 583401 583605 113-2138* 113-2651* 113-2817* 113-3112* 113-3114* 113-3401* 113-3605*	Brown to Brown/Yellow Brown to Brown/Yellow	9 AMP 450-550 35 AMP 950-1100	9 AMP 150-400V 35 AMP 150-400V	N/A	N/A	N/A	White to Blue/Purple/Green	15-50	0.6V+
150	1989-1991	CD6	583816 584044	Brown to Brown/Yellow Brown/White to Brown/Black	450-550	150-400V	N/A	N/A	N/A	Black to Blue/Purple/Green Black to Blue/White, Purple/White and Green/White	15-50 15-50	100-400V 100-400V
150-175	1989-1992	CD6 Cross-Flow	583865 113-3865*	Brown to Brown/Yellow Brown/White to Brown/Black	900-1100	150-400V	Orange to Orange/Black	93-103	11-22V	White to Blue/Purple/Green White to Black/White	Open 215-225	100-400V 6-12V
150-175	1992-2005	CD6 OPTICAL	584985 584986 113-4985* 113-4986*	Brown to Brown/Yellow Brown/White to Brown/Black	450-600	150-400V	Orange to Orange/Black	50-60	11-22V	Orange/Red to Eng Gnd Black/Orange to Eng Gnd	N/A	10.5-12 VDC 8-10 VDC
185-250	1988-2000	CD6	584037 586212 113-4037* 113-6212*	Brown to Brown/Yellow	900-1100	150-400V	Orange to Orange/Black	93-103	11-22V	White to Blue/Purple/Green White to Black/White	Open 215-225	100-400V 6-12V
250-300	1988-1998	CD8	584035 584642 113-4035* 113-4642*	Brown to Brown/Yellow	900-1100	150-400V	Orange to Orange/Black	93-103	11-22V	White to Blue/Purple/Green/Pink White to Black/White	Open 215-225	100-400V 6-12V
275-300	1985-1987	CD8 Quad Packs	568076 113-8076*	Brown to Brown/Yellow	950-1100	150-400V	N/A	N/A	N/A	White to Blue and Green	35-55	0.6V+
275-300	1985-1987	CD4/8 Dual Packs	583072 583101 113-3072* 113-3101*	Brown to Brown/Yellow	950-1100	150-400V	N/A	N/A	N/A	White to Blue/Purple/Green/Pink	35-55	0.6V+

Blk = Black **Grn = Green** **Pur = Purple** **Yel = Yellow** **Eng Gnd = Engine Ground** **N/A = Not Applicable** **Pri = Primary**
Brn = Brown **Org = Orange** **Wht = White** **Gnd = Engine Ground** **COMM = Commercial** **Sec = Secondary**

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