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*KEEPING YOUR BOAT ON THE WATER*

**CDI**  
**Electronics**<sup>®</sup>

# Outboard Engine **DVA CHARTS**

- Chrysler/Force
- Johnson/Evinrude
- OMC Sea Drive
- Mercury
- Yamaha



## CDI Electronics

### (DVA) PEAK READING VOLTAGE AND RESISTANCE CHARTS

**NOTICE:** These charts were compiled using the CDI 511-9773NL Peak Adapter with a shielded Digital Multimeter.

**(NOTE)** The resistance readings are given for a room temperature of 68°F. Higher temperatures will cause a slightly higher resistance reading. DVA readings should always be taken with everything connected with the exception of the stop circuit.

The CDI peak reading voltage adapter is specifically designed to work with shielded Digital Multimeters. This adapter will simplify the testing of electronic ignition systems, stators, sensors and charging systems. The DVA readings will be approximately the same as any other DVA meter and the specifications listed in the service manuals can be followed without problems (Hopefully a little easier to you).

The CDI piercing probe set (511-9770) and the pack load resistor (511-9775) are highly recommended for use with this adapter.

#### INSTRUCTIONS

1. Plug the adapter into the shielded Digital Multimeter with the (+) rib side pin in the (V, Ohms) jack and the other pin in the (COM) jack.
2. Set the digital voltmeter to DC Volts (the purpose of the adapter is to convert and store the voltage so that it can be read by a meter).
3. Connect the probes to the component to be measured.  
*(NOTE) The adapter will **automatically compensate for polarity** and all readings will be peak voltage.*

See the following pages for readings of Chrysler, Force, Mercury, Johnson/Evinrude, OMC Sea Drive and Yamaha engines. Other ignitions can be tested using test results given by the manufacturer of the equipment or by comparing a known good system to a suspect one. Please forward any additional readings you would like to have included in future printings.



### DVA (Peak Reading) Voltage and Resistance Chart

HP	Year	Model or Serial#	Ignition Part Number	Stator						Trigger			Ignition Coil	
				Read		Ohms		DVA		Read	Ohms	DVA	Ohms	
				Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd				Pri	Sec
7.5	1972	B0C/B1D/H0C/H1D	525475 116-5475*	Blue to Blue		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	N/A	125-140 225-325*
7.5	1977	B0C/B1C/H0C/H1C	525475 116-5475*	Blue to Blue		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	N/A	125-140 225-325*
7.5	1979-1984	All Models	525475 116-5475*	Blue to Blue		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	N/A	125-140 225-325*
8	1982	82H8J-87H8A	525475 116-5475*	Blue to Blue		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	N/A	125-140 225-325*
9.9	1979-1984	A, B	510301 116-0301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
10	1976-1978	W/CD & Alternator	510301 116-0301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
12	1979	W/CD & Alternator	510301 116-0301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
15	1976-1984	W/CD & Alternator	510301 116-0301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
20	1979-1981	W/CD & Alternator	529301 116-9301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
25	1983-1984	W/CD & Alternator	529301 116-9301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
30	1979-1982	W/CD & Alternator	529301 116-9301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
35	1978-1984	W/CD & Alternator	529301 116-9301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
35	1987-1991	All Models	529301 116-9301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	N/A	125-140 225-325*
40	1992-1995	OE000001-OE138599	18495 114-4952*	Blue to Blue/Wht	Red to Red/Wht	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
40	1996-1999	OE138600-OE369299	827509 114-7509*	Green/White to White/Green		500-700 400-600*		180-400V		Eng Gnd to Wht/Blk at CDM	Open	1V+	N/A	800-1100
50	1988	A, B, C	658475 116-8475*	Blue to Blue		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	N/A	125-140 225-325*
50	1988	D	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	N/A	125-140 225-325*
50	1989-1992	All Models	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	N/A	125-140 225-325*
50	1992-1995	OE000001-OE138599	18495 114-4952*	Blue to Blue/Wht	Red to Red/Wht	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
50	1996-1999	OE138600-OE369299	827509 114-7509*	Green/White to White/Green		500-700 400-600*		180-400V		Eng Gnd to Wht/Blk at CDM	Open	1V+	N/A	800-1100
55	1977-1980	W/Magnapower II	474301-1	T1 & T4 to Eng Gnd		Not Applicable		180-400V		Between Terminals	Open	0.5V+	0.2-1.0	200-2000
55	1981-1983	All Models	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
60	1984	All Models	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
60	1985	All Models	475301 116-5301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	800-1100
65	1977-1978	W/Magnapower II	474301-1	T1 & T4 to Eng Gnd		Not Applicable		180-400V		Between Terminals	Open	0.5V+	0.2-1.0	200-2000
70	1991-1992	OE000001-OE009499	332-7778 114-7778*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
70	1993-1995	OE009500-OE138599	18495 114-4953*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
75	1996-1999	OE138600-OE369299	827509 114-7509*	Green/White to White/Green		500-700 400-600*		180-400V		Eng Gnd to Wht/Blk, Wht/Yel, Blue/Wht	Open	1V+	N/A	900-1100 2100-2400*
80	1983-1984	W/CD & Alternator	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
85	1983	856XL	475301 116-5301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	800-1100
85	1984-1989	All Models	475301 658301 116-5301* 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	200-2000
90	1983-1984	W/CD & Alternator	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
90	1990	All Models	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	800-1100
90	1991	B & D	332-7778 114-7778*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
90	1991	A, C & E	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	200-2000

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



### DVA (Peak Reading) Voltage and Resistance Chart

HP	Year	Model or Serial#	Ignition Part Number	Stator						Trigger			Ignition Coil	
				Read		Ohms		DVA		Read	Ohms	DVA	Ohms	
				Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd				Pri	Sec
90	1991-1995	OE000001-OE138599	332-7778 18495 114-7778* 114-4953*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Wht/Blk to Brown, White & Purple	800-1400	4V+	0.2-1.0	800-1100
90	1996-1999	OE138600-OE369299	827509 114-7509*	Green/White to White/Green		500-700 400-600*		180-400V		Eng Gnd to Wht/Blk, Wht/Yel, Blue/Wht	Open	1V+	N/A	900-1100 2100-2400*
105	1976	BD/BE/HA/HD/HE	474301-1	T1 & T4 to Eng Gnd		Not Applicable		180-400V		Between Terminals	Open	0.5V+	0.2-1.0	200-2000
115	1983-1984	W/CD & Alternator	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
120	1976	BD/BE/HD/HE	474301-1	T1 & T4 to Eng Gnd		Not Applicable		180-400V		Between Terminals	Open	0.5V+	0.2-1.0	200-2000
120	1990-1994	90A, 91C	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	200-2000
120	1996-1999	OE138600-OE369299	827509 114-7509*	Green/White to White/Green		500-700 400-600*		180-400V		Eng Gnd to Wht/Blk, Wht/Yel, Blue/Wht, Brn/Wht	Open	1V+	N/A	900-1100 2100-2400*
120 L Drive	1990	A, B, C	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	200-2000
120	1991-1995	OE006551-OE138599	332-5772 114-5772*	Blue to Blue/Wht (LS) Red to Red/Wht (HS)		3250-3650 2200-2400*	75-90 28-32*	180-400V	25-100V	Brown to Wht/Blk Purple to White	800-1400	4V+	0.2-1.0	800-1100
125	1981-1982	W/CD & Alternator	475301 116-5301*	Blue to Yellow		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn	48-52	0.5V+	0.2-1.0	800-1100
125	1983-1989	All Models	475301 658301 116-5301* 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	800-1100
135	1976	BD/BE/HD/HE	474301-1	T1 & T4 to Eng Gnd		Not Applicable		180-400V		Between Terminals	Open	0.5V+	0.2-1.0	200-2000
150	1989-1991	89A, 90C, 90D, 91A	658301 116-8301*	Blue to Yellow (b)		680-850 300-400*		180-400V		Org to Grn Red to Wht/Grn (a)	48-52	0.5V+	0.2-1.0	800-1100
150	1991-1992	OE000001-OE093699	332-817323 116-7323*	Blue to Eng Gnd		Not Applicable 12V Inverter		225-300V		Wht/Blk to Brn, Blk, Wht, Pur & Yel	800-1400	5V+	0.2-1.0	800-1100

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 Brn = Brown    Org = Orange    Wht = White    Gnd = Engine Ground    COMM = Commercial    Sec = Secondary

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- a) Some units use a White/Orange trigger lead instead of a Green wire.
- b) Some Stator leads are Brown/Blue stripe instead of Blue and Brown/Yellow stripe instead of Yellow.

### Color Code Cross Reference

Function	Old	New
Trigger	Orange	White/Orange Stripe
Trigger	Green	White/Yellow Stripe
Trigger	Red	White/Red Stripe
Trigger	White/Green Stripe	White/Green Stripe
Stator	Blue	Brown/Blue Stripe
Stator	Yellow	Brown/Yellow Stripe
Pack Output to Coil	Orange	Orange/Blue
Pack Output to Coil	Red	Blue/Red
Ignition Coil	White	Orange/Blue
Stop Circuit	White	Black/Yellow



### 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	Brown to Brown/ Yellow	450-550	150-400V	N/A	N/A	N/A	White/Black to Black/ White	15-50	0.6V+
			582453									
			582474									
			583241									
			113-2285*									
113-2453*												
113-2474*												
113-3241*												
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*	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 White to Black/White	Open 400-500 6-12V	100-400V
60-75	1972-1978	Power Pack 3	581726 113-1726*	Brown to Brown/ Yellow	400-600	150-400V	N/A	N/A	N/A	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	11-45	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 White/Black to Blue/White and Green/White	11-45	0.6V+
88-140	1985-1988	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	11-45	0.6V+
90-115	1995-2006	CD4 OPTICAL	586292 113-6292*	Brown to Brown/ Yellow (or Brown/White)	900-1200	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/Quick-Start	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 St.	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	11-45	100-400V

Blk = Black    Grn = Green    Pur = Purple  
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Yel = Yellow    Eng Gnd = Engine Ground    N/A = Not Applicable    Pri = Primary  
 Gnd = Engine Ground    COMM = Commercial    Sec = Secondary  
 NOTE: Ignition Coils will read 0.2 to 1.0 ohms on the Primary and 200-400 ohms on the Secondary windings



### 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			
150-235	1976-1978	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+

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 Brn = Brown    Org = Orange    Wht = White    Gnd = Engine Ground    COMM = Commercial    Sec = Secondary

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Engine	Year	Model	Ignition Part Number	Stator						Trigger			Ignition Coil	
				Charge Coil			Power Coil			Read	Ohms	DVA	Pri	Sec
				Read	Ohms	DVA	Read	Ohms	DVA					
2.5/2.6L	1982	"S"	582138 113-2138*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
1.6L	1983	"S"	582125 113-2125*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue & Green	35-45	0.6V+	0.2- 1.0	200- 400
2.6L 10 AMP	1983	1AA/ 2BA/2BB	582556 113-2556*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
2.5L 35 AMP	1983	1AA/ 2BA/2BB	582138 113-2138*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
1.6L V4	1984	"S"	582125 113-2125*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue & Green	35-45	0.6V+	0.2- 1.0	200- 400
2.5L/2.6L V6	1984		582556 113-2556*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
1.6L V4	1985	"S"	582811 113-2811*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue & Green	35-45	0.6V+	0.2- 1.0	200- 400
2.5L/2.6L V6	1985		582651 113-2651*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
1.6L V4	1986	"S"	583110 113-3110*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue & Green	35-45	0.6V+	0.2- 1.0	200- 400
2.6L V6	1986		583114 113-3114*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
1.6L V4	1987	"S"	583110 113-3110*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue & Green	35-45	0.6V+	0.2- 1.0	200- 400
1.8L V4	1987	"S"	583101 113-3101*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
2.7L V6	1987		583605 113-3605*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/Purple/ Green	35-45	0.6V+	0.2- 1.0	200- 400
3.6L V8	1987		583101 113-3101*	Brown to Brown/ Yellow	950- 1100	150- 400V	N/A	N/A	N/A	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
1.6L V4	1988	"S"	583110 113-3110*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
2.0L V4	1988	"S"	584041 113-4041*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
3.0L V6	1988	"S"	584037 113-4037*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/Purple/ Green	Open	0.6V+	0.2- 1.0	200- 400
1.6L V4	1989	"S"	583030 113-3030*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
2.0L V4	1989	"S"	584041 113-4041*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
3.0L V6	1989	"S"	584037 113-4037*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/Purple/ Green	Open	0.6V+	0.2- 1.0	200- 400
4.0L V8	1989	"S"	584035 113-4035*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/ Purple/Green/Pink	Open	0.6V+	0.2- 1.0	200- 400
1.6L V4	1990	"S"	583030 113-3030*	Brown to Brown/ Yellow	450- 600	150- 400V	N/A	N/A	N/A	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
2.0L V4	1990	"S"	584041 113-4041*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/ Purple/Green/Pink	35-45	0.6V+	0.2- 1.0	200- 400
3.0L V6	1990	"S"	584037 113-4037*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/Purple/ Green	Open	0.6V+	0.2- 1.0	200- 400
4.0L V8	1990	"S"	584035 113-4035*	Brown to Brown/ Yellow	950- 1100	150- 400V	Orange to Org/Black	93-103	11-22V	White to Blue/ Purple/Green/Pink	Open	0.6V+	0.2- 1.0	200- 400

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

\* Indicates a part manufactured by CDI Electronics



### DVA (Peak Reading) Voltage and Resistance Chart

HP	Year	Serial#	Ignition Part Number	Stator						Trigger		
				Read		Ohms		DVA		Read	Ohms	DVA
				Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd			
4 1 CYL	1972- 1975	3296137- A855096	336-4516	Green to Engine Ground (DVA only)		2100-2300 (a)	170-190 (b)	180-400V	Points Brown & White	N/A	N/A	
4-20 2 CYL	1972- 1989	3069294- A855096	336-4516	Green to Engine Ground (DVA only)		2100-2300 (a)	170-190 (b)	180-400V	Points Brown & White	N/A	N/A	
4-20 2 CYL	1974- 1986	3795659- A197111	339-6222 114-6222*	Orange to Engine Ground		1600-1800 (800-900 per coil)		180-400V	Brown to Brown or Brown to White	800-1400	0.5V+	
6-35 2 CYL	1979- 1997	5705532- OG760299	339-7452 114-7452K1*	Blk/Yel to Eng Gnd	Blk/Wh to Eng Gnd	3250-3650 2200-2400*	150-250 200-250*	180-400V 25-100V	Brown/Yellow to Brown/White	800-1400	0.5V+	
6-25 2 CYL	1997- 2006	OG760300- 1B999999	855721 114-5713*	Green/White to White/Green		660-710 350-450*		180-400V	Brown/Yellow to Brown/White	850-1100	4V+	
15-25 2 CYL	1994- 1998	OG044027- OG760299	18495A30 114-4952A30*	Blue to Black	Red to Black	2900-3500 2200-2600*	100-180 200-250*	180-400V 25-100V	Brown to White	800-1400	4V+	
18-40 2 CYL	1979- 1989	5837437- OB393190	339-7452A3 114-7452A3*	Blk/Yel to Eng Gnd	Blk/Wh to Eng Gnd	3250-3650 2200-2400*	150-250 200-250*	180-400V 25-100V	Brown/Yellow to Brown/White	800-1400	0.5V+	
20-40 2 CYL	1972- 1981	3336258- 5823917	332-4733 332-4911 338-4733 114-4911*	Blue to Eng Gnd	Red to Eng Gnd	5200-7400	180-340	180-400V 25-100V	Brown to White	140-160	0.5V+	
30-40 CDM 2 CYL	1994- 2005	OG053314- OT999999	822779 827509 114-7509* 114-7509K1*	Green/White to White/Green		500-700 500-600*		180-400V	Engine Gnd to White and Purple	Open	1V+	
40 2 CYL	1970- 1971	2874704- 3336237	332-4172	Blue to Eng Gnd	White to Eng Gnd	3200-3800 2200-2600*	45-55 45-55*	180-400V 25-100V	Brown to Engine Ground	N/A	1V+	
30-90 CDM 3 CYL	1996- 2007	OG438000- 1B999999	827509 114-7509*	Green/White to White/Green		500-700 500-600*		180-400V	Engine Gnd to Brown, White and Purple	Open	1V+	
45-60 3 CYL	1991- 1997	OD000750- OG589999	19052 114-9052*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 500-600*	75-90 28-32*	180-400V 25-100V	White/Black to Brown, White and Purple	800-1400	4V+	
45-60 Red Stator Kit 3 CYL	1991- 1997	OD000750- OG589999	19052 114-9052*	Green/White to White/Green		500-700 500-600*		180-400V	White/Black to Brown, White and Purple	800-1400	4V+	
50-70 Bolted-in Magnets 3 CYL	1976- 1990	4382057- OD000749	332-7778 114-7778*	Blue to Eng Gnd	Red to Eng Gnd	5800-7000 2200-2400*	135-165 45-55*	180-400V 25-100V	White/Black to Brown, White and Purple	800-1400	4V+	
50-90 Red Stator Kit 3 CYL	1976- 1994	4382057- OE033710	332-7778 114-7778*	Green/White to White/Green		500-700 500-600*		180-400V	White/Black to Brown, White and Purple	800-1400	4V+	
65-95 3 CYL	1994- 1996	OD283222- OG760299	18495 114-4953*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 500-600*	75-90 28-32*	180-400V 25-100V	White/Black to Brown, White and Purple	800-1400	4V+	
65-95 Red Stator Kit 3 CYL	1994- 1996	OD283222- OG760299	18495 114-4953*	Green/White to White/Green		500-700 500-600*		180-400V	White/Black to Brown, White and Purple	800-1400	4V+	
70-90 Glued-in Magnets 3 CYL	1977- 1994	4571652- OE033710	332-7778 114-7778*	Blue to Eng Gnd	Red to Eng Gnd	3250-3650 500-600*	135-165 30-90*	180-400V 25-100V	White/Black to Brown, White and Purple	800-1400	4V+	
30-85 Bolted-in Magnets 4 CYL	1976- 1996	4357640- OG291031	332-5772 114-5772*	Blue to Blue/Wht	Red to Red/Wht	5000-7000 2200-2400*	125-155 45-55*	180-400V 25-100V	Brown to White/Black Purple to White	800-1400	4V+	
30-125 Red Stator Kit 4 CYL	1976- 1996	4357640- OG437999	332-5772 114-5772*	Green/White to White/Green		500-700 500-600*		180-400V	Brown to White/Black Purple to White	800-1400	4V+	
40-125 Glued-in Magnets 4 CYL	1988- 1996	OB209468- OG437999	332-5772 114-5772*	Blue to Blue/Wht	Red to Red/Wht	3250-3650 500-600*	75-90 28-32*	180-400V 25-100V	Brown to White/Black Purple to White	800-1400	4V+	
50-65 4 CYL	1968- 1975	2309311- 4357639	333-3213	Red to White	Blue to White	380-420	9-11	180-400V 25-100V	Ignition Driver	N/A	N/A	
80-125 CDM 4 CYL	1995- 2006	OG141089- 1B999999	827509 114-7509*	Green/White to White/Green		500-700 500-600*		180-400V	Engine Gnd to Brown, White, Purple and White/Black	Open	3V+	
120 4 CYL	1995	OE080400- OE141088	332-826866 114-6866*	Blue to Blue/Wht	Red to Red/Wht	3250-3650 500-600*	75-90 28-32*	180-400V 25-100V	Brown to White/Black Purple to White	800-1400	4V+	

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 800-1100 ohms on the Secondary windings



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**CDI Electronics®**

Mercury

**DVA (Peak Reading) Voltage and Resistance Chart**

HP	Year	Model or Serial#	Ignition Part Number	Stator						Trigger		
				Read		Ohms		DVA		Read	Ohms	DVA
				Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd			
90-350 9-16 Amp 6 CYL	1976- 1994	4301235- OG201874	332-7778 114-7778*	Blue to Gnd Blue/Wht to Gnd	Red to Gnd Red/Wht to Gnd	5000-7000 2200- 2400*	90-200 30-90*	180- 400V	25- 100V	See NOTE 1	800- 1400	4V+
105-275 40 Amp 6 CYL	1989- 2000	OC100861- OG960499	332-7778 114-7778*	Blue to Gnd Blue/Wht to Gnd	Red to Gnd Red/Wht to Gnd	3200-4200 2200- 2400*	90-140 28-32*	180- 400V	25- 100V	See NOTE 1	800- 1400	4V+
135-240 2.5L CDM 6 CYL	1996- 2005	OE373939- 1B999999	827509 114-7509*	Green/White to White/Green		500-700 500-600*		180- 400V		Purple to Blue White to Red Brown to Yellow	1100- 1400 850- 1050*	4V+
175-210 6 CYL	1997- 1999	OE151580- OE433133	18495 114-4953-32*	Blue to Gnd Blue/Wht to Gnd	Red to Gnd Red/Wht to Gnd	3250-3650 500-600*	75-90 28-32*	180- 400V	25- 100V	See NOTE 1	800- 1400	4V+
225-250 3.0L CDM 6 CYL	1994- 2003	OD280813- OT408999	827509 114-7509K1* 114-7509*	Engine Gnd to Grn, Grn/ Red, Grn/Yel, Grn/Blue, Grn/Org and Grn/Blk		990-1210		100- 400V		N/A	N/A	N/A

Blk = Black  
Brn = BrownGrn = Green  
Org = OrangePur = Purple  
Wht = White

Yel = Yellow

Eng Gnd = Engine Ground  
Gnd = Engine GroundN/A = Not Applicable  
COMM = CommercialPri = Primary  
Sec = Secondary

\* Indicates a part manufactured by CDI Electronics

NOTE 1: Read from (Yellow sleeve) to (Black sleeve)

Brown to Purple  
White to Brown  
Purple to White

NOTE: Ignition Coils will read 0.2 to 1.0 ohms on the Primary and 800-1100 ohms on the Secondary windings



### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator						Trigger			CDI Out	Ignition Coil		SPK PLG CAP
					Read		Ohms		DVA		Read	Ohms	DVA		OHMS +/- 10%		
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd					Primary	Sec	
2	1984-2004	1	2		Brown to Gnd		320-390				N/A	N/A	N/A		0.21	3.2 K	
2.5	2003-2004	1	4	F											.56-.84	11.6K-17.4K	4-6 K
3	1984-2002	1	2		Blk to Brown		250-300		100		Blk to Wht/Red Blk to Wht/Grn	30-36 LS 280-340 HS			0.1	2.6 K	
4	1984-1999	1	2		Blk to Brown		250-300		100		Blk to Wht/Red Blk to Wht/Grn	30-36 LS 280-340 HS			0.1	3.1 K	None
4	1999-2004	1	2		TCI to Gnd				126						.56-.84	11.6K-17.4K	4.9-5.1 K
5	1984-2002	1	2		Blk to Brown		250-300		100		Blk to Wht/Red Blk to Wht/Grn	30-36 LS 280-340 HS			0.3	3.1 K	None
6	1984-2000	2	2		Blk to Brown		81-99		100		Blk to Wht/Red	92-111			0.1	3.5 K	None
6/8	2001-2004	2	4	F	Blk to Brown		81-99		100		Blk to Wht/Red	92-111			0.1	7.8 K	None
8	1986-2004	2	2		Blk to Brown		81-99		100		Blk to Wht/Red	92-111			0.3	3.5 K	None
9.9	1984-1992	2	2		Blk to Brown		81-99		100		Blk to Wht/Red	92-111			0.3	3.5 K	None
9.9	1993-1995	2	2		Blk to Brown		81-99		100		Blk to Wht/Red	92-111			0.3	5.4 K	None
9.9/15	1996-2004	2	2		Blk to Brown		280-340		105		Blk to Wht/Red	396-484			0.6	2.1 K	None
9.9	1984-1990	2	4	F/FT/T	Brown to Blue		300-400		90		Blk to Wht/Red	280-340	2.5		0.5	3.4 K	None
9.9	1991-2004	2	4	F/FT/T	Brown to Blue		300-400		90		Blk to Wht/Red	280-340	2.5		0.5	4.1 K	None
15	1984-1995	2	2		Blk to Brown		81-99				Blk to Wht/Red	92-111			0.3	5.4 K	None
15	1998-2004	2	4	F	Brown to Blue		272-408		135		Blk to Wht/Red	234-348	4	115	0.5	4.91K	None
20	1996-1997	2	2		Brown to Blue		340-420		125		Blk to Wht/Red Blk to Wht/Blk	310-390	5.5	105	0.5	3.2 K	None
25	1984-1987	2	2		Brown to Blue		120-150		190		Blk to Wht/Red Blk to Wht/Blk	12-16	5	210	0.5	3.5 K	None
25	1988-1993	2	2		Blk to Brown		200-275		190		Blk to Wht/Red Blk to Wht/Blk	90-120	5	210	0.5	3.5 K	None
25	1994-2004	2	2		Brown to Blue		340-420		125		Blk to Wht/Red Blk to Wht/Blk	310-390	5.5	105	0.5	3.2 K	None
25	1996-2002	3	2		Brown to Blue		340-420		175		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk	310-390	4	135	0.5	6.3 K	None
25	1990-1992	2	2	C	Blk to Brown		200-275		190		Blk to Wht/Red	90-120	5	210	0.5	3.5 K	None
25	1993-1995	2	2	C	Blk to Brown		200-275		190		Blk to Wht/Red	90-120	5	210	0.5	5.4 K	None
25	1996-1997	2	2	C	Blk to Brown		200-275		190		Blk to Wht/Red	90-120	5	210	0.5	8.5 K	None
25	1998-2004	2	4	F	Grn/Wht to Wht/Grn		660-710		190		Red to White	300-350	6	100	0.5	4.1 K	None
30	1984-1986	2	2		Brown to Blue		120-150		190		Blk to Wht/Red	12-16	5	210	0.5	3.5 K	None
30	1987-2002	3	2		Brown to Blue		280-330		175		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk	310-390	4	135	0.5	6.3 K	None
30	1989-1992	2	2	C	Blk to Brown		120-150		190		Blk to Wht/Red	12-16	5	210	0.5	3.5 K	None
30	1993-1996	2	2	C	Brown to Blue		400-490		125		Blk to Wht/Red Blk to Wht/Blk	310-390	4	105	0.5	3.2 K	None
30	1997	2	2	C	Brown to Blue		340-420		125		Blk to Wht/Red Blk to Wht/Blk	310-390	4	105	0.5	3.2 K	None
30	2001-2004	2	4	F	Grn/Wht to Wht/Grn		600-720		193		Blk to Wht/Red	270-330	6	151	0.5	4.1 K	None
40/50	1984-1988	3	2		Brown to Blue		180-250		175		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk	310-390	4	135	0.5	6.3 K	

Blk = Black  
Brn = Brown

Grn = Green  
Org = Orange

Pur = Purple  
Wht = White

Yel = Yellow

Eng Gnd = Engine Ground  
Gnd = Engine Ground

N/A = Not Applicable  
COMM = Commercial

Pri = Primary  
Sec = Secondary

\* Indicates a part manufactured by CDI Electronics



### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator						Trigger			CDI Out	Ignition Coil		SPK PLG CAP	
					Read		Ohms		DVA		Read	Ohms	DVA		OHMS +/- 10%			
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd					Primary	Sec		
40/50	1989-1994	3	2		Brown to Blue		280-330		200		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		180-220	4	175	0.5	3.2 K	None
40/50	1995-2004	3	2		Brown to Blue		400-510		145		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		180-240	3	125	0.5	3.2 K	None
40	1989-1997	2	2	C	Brown to Blue		120-140		125		Blk to Wht/Red		12-16	5.5	115	0.5	3.5 K	None
40	1998-2002	3	2	C	Brown to Blue		400-510		145		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		180-220	4	125	0.5	3.2 K	None
40	1999	4	4	F	Brown to Blue		300-380		140		Red/Wht to White/Blk		375-475	7	105	0.5	4.1 K	4-6 K
40	2000-2004	3	4	F	Grn/Wht to Wht/ Grn		600-710		193		Blk to Wht/Red		270-330	6	151	0.5	2.7K-3.7K	4-6 K
48	1995-2000	2	4	E	Blk to Brown		81-99				Blk to Wht/Red		92-111			0.3	5.4 K	None
50	1999-2002	3	2	C	Brown to Blue		420-510		145		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		180-240	3	125	0.5	3.2 K	None
50	1995-2000	4	4	F	Brown to Blue		300-380		137		Red/Wht to White/Blk		375-475	3.5	150	0.5	4.1 K	3.8-5.7 K
50	1996-2000	4	4	F	Brown to Blue		300-380		137		Red/Wht to White/Blk		375-475	3.5	150	0.5	4.1 K	3.8-5.7 K
50	2001-2004	4	4	F	Brown to Blue		272-408		144		Red/Wht to White/Blk		396-594	6.3	126	0.078-0.106	3.5K-4.7K	3.8-5.7 K
55	1989-1994	2	2	C	Brown to Blue		200-260		135		Blk to Wht/Red Blk to Wht/Blk Blk to Yellow		70-88 23-29	2	150	0.5	3.1 K	None
55	1995	2	2	C	Brown to Blue		200-260		135		Blk to Wht/Red Blk to Wht/Blk		280-360	2	150	0.5	3.1 K	None
60	1991-2000	3	2		Brown to Blue		145-190		140		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		110-150	2.5	100	0.5	3.2 K	None
60	1992-1999	2	2	P	Brown to Blue		150-190		120		White/Red to White/Blk		270-330	2.5	105	0.5	4.1 K	None
60	1996-2002	2	2	C	Brown to Blue		150-190		120		White/Red to White/Blk		270-330	2.5	105	0.5	4.1 K	None
60	2001-2004	3	2		Brown to Blue		150-190		150		White/Red to White/Blk		270-330	2.5	105 on #1 & #3 at idle (0 on #2), 145 on all at 1500 RPM	0.5	4.1 K	None
60	2002-2004	4	4	F/T	Brown to Blue		272-408		144		Red/Wht to White/Blk		396-594	6.3	126	0.078-0.106	3.5K-4.7K	3.8-5.7 K
70	1984-1991	3	2		Brown to Blue		145-190		140		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk		110-150	2.5	100	0.5	3.2 K	
70	1992-2004	3	2		Brown to Blue		150-190		150		White/Red to White/Blk		270-330	2.5	105 on #1 & #3 at idle (0 on #2), 145 on all at 1500 RPM	0.5	4.1 K	None
75	1994-1996	3	2	C	Brn to Blue	Red to Blue	900-1100	105-140	85	45	Wht/Red to Wht/ Yel Wht/Grn to Wht/Blk		290-370	2.5	95	0.5	4.5 K	

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### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator						Trigger			CDI Out	Ignition Coil		SPK PLG CAP
					Read		Ohms		DVA		Read	Ohms	DVA		OHMS +/- 10%		
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd					Primary	Sec	
75	1998-1999	3	2	C	Brn to Red	Blue to Red	191-288	64-96	55	90	White/Red to White/Blk	241-362	7	105 on #1 & #3 at idle (0 on #2), 145 on all at 1500 RPM	0.5	4.0 K	None
75	1995-1996	3	2	E	Brn to Blue	Red to Blue	900-1100	105-140	85	45	Wht/Red to White/Grn Wht/Blk to Wht/Grn	290-370	2.5	95	0.5	4.8 K	None
75	1996-1999	3	2	P	Brn to Blue	Red to Blue	900-1100	105-140	85	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	290-370	2.5	95	0.5	4.8 K	None
75	1997-2000	3	2	E	Brn to Blue	Red to Blue	480-600	50-70	105	45	Wht/Red to White/Grn Wht/Blk to Wht/Grn	290-370	2.5	105	0.5	4.1 K	None
75/90	2003-2004	4	4	F	?	?	?	?	?	?	Blk to Wht/Red Blk to Wht/Blk	396-594	2.7	107	0.5	4.1 K	#1 - 7.6K #2 - 5.6 K #3 - 6.3 K #4 - 7.2 K
80	1997	3	2	C	Brn to Red	Blue to Red	220-270	70-90	100	60	White/Red to Wht/Blk	241-362	5	130	0.5	4.1 K	None
80/100	1999-2002	4	4	F	?	?	?	?	?	?	Blk to Wht/Red Blk to Wht/Blk	396-594	2.7	107	0.5	4.1 K	#1 - 7.6K #2 - 5.6 K #3 - 6.3 K #4 - 7.2 K
85	1989-1996	4	2	C	Brn to Blue	Red to Blue	900-1100	105-140	85	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	290-370	2.5	95	0.5	4.8 K	None
90	1984-1989	4	2		Brn to Blue	Red to Blue	765-935	105-135	85	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	290-370	2.5	95	0.5	2.5 K	None
90	1990-1991	4	2		Brn to Blue	Red to Blue	900-1100	105-140	85	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	290-370	2.5	95	0.5	4.8 K	None
90	1992-2004	3	2		Brn to Red	Blue to Red	220-270	70-90	100	60	White/Red to Wht/Blk	241-362	5	130	0.5	4.1 K	None
115	1984-1988	4	2	B/P/S	Brn to Red	Blue to Blk/Red	625-820	62-79	160	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	280-460	2.5	95	0.5	3.8 K	None
115	1994-2000	4	2	C	Brn to Red	Blue to Blk/Red	900-1100	105-140	85	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	320-400	2.5	95	0.5	2.5 K	4-6 K
115	2000-2004	4	4	F	?	?	?	?	?	?	Blk to Wht/Red Blk to Wht/Blk	?	3	5			None
130	1984-1989	4	2		Brn to Red	Blue to Blk/Red	900-1100 625-820*	105-140 12-17*	85	45 20*	Wht/Red to White/Yel Wht/Grn to Wht/Blk	290-370	2.5	95	0.5	4.8 K	None
130	1990-2003	4	2		Brn to Red	Blue to Blk/Red	625-820	62-79	160	45	Wht/Red to White/Yel Wht/Grn to Wht/Blk	280-460	2.5	125	0.5	3.8 K	4-6 K
150/175	1984-1989	6	2		Brn to Red	Blue to Blk/Red	900-1100	21-27	75	14	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	1.6	105	0.5	2.5 K	4-6 K

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### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator						Trigger			CDI Out	Ignition Coil		SPK PLG CAP
					Read		Ohms		DVA		Read	Ohms	DVA		OHMS +/- 10%		
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd					Primary	Sec	
150/175	1990-1995	6	2		Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2	105	0.5	3.8 K	4-6 K
150	1996-2004	6	2	D/L/P/S	Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	3	130	0.5	4.1 K	5 K
150	1996-1999	6	2	C	Brn to Red	Blue to Blk/Red	460-620	70-90	90	30	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	65	0.5	4.1 K	None
150	1999-2003	6	2	DX/SX VX	Brn to Red	Blue to Blk/Red	224-336		110		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.72K-3.68K	None
150	1999-2002	6	2	LX/PX	Brn to Red	Blue to Blk/Red	224-336		110		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.72K-3.68K	None
150	1994-1995	6	2	P	Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	65	0.5	3.8 K	None
150	2000-2004	6	2	Z/LZ VZ	Red/Yellow to Black/Orange, Black/Yellow, Black/Blue, Black/Green and Black/White		CDI OUTPUT		140		Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	?	5	140			4-6 k
150	2004	6	4	F/LF	Blk to Blk/Org Blk to Blk/Wht		ECM OUTPUT		260		Blk to Wht/Red Blk to Wht/Blk	459-561	3.5	260	1.53-2.07	12.5K-16.91K	None
175	1996-1999	6	2	P/S	Brn to Red	Blue to Blk/Red	660-820	62-79	140	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	130	0.5	4.1 K	5 K
175	1996-2000	6	2		Brn to Red	Blue to Blk/Red	660-820	62-79	140	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	130	0.5	4.1 K	5 K
175	2001-2004	6	2	Z/VZ	Blk/Org to Red/ Yel Blk/Yel to Red/ Yel Blk/Blue to Red/Yel Blk/Grn to Red/Yel Blk/ Wht to Red/Yel		CDI OUTPUT		140		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	?	5	140			4-6 K
200	1984-1989	6	2		Brn to Red	Blue to Blk/Red	900-1100	21-27	75	14	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	1.6	105	0.5	2.5K	
200	1990-1995	6	2		Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	105	0.5	3.8K	None

**Blk = Black**      **Grn = Green**      **Pur = Purple**      **Yel = Yellow**      **Eng Gnd = Engine Ground**      **N/A = Not Applicable**      **Pri = Primary**  
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### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator						Trigger			CDI Out	Ignition Coil		SPK PLG CAP
					Read		Ohms		DVA		Read	Ohms	DVA		OHMS +/- 10%		
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd					Primary	Sec	
200	1991-1995	6	2	P	Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2	105	0.5	3.8K	None
200	1996-1999	6	2	L/P/S	Brn to Red	Blue to Blk/Red	660-820	62-79	140	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2.5	130	0.5	4.1K	5 K
200	1998	6	2	V	Brn to Red	Blue to Blk/Red	224-336		115		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7K-3.6K	5 K
200	2002-2004	6	4	F	Blk/Org to Red/Yel Blk/Yel to Red/Yel Blk/Wht to Red/Yel		CDI OUTPUT		252		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk	459-561	5.3	252	1.5-1.9	19.6 - 35.4K	None
200	1999-2002	6	2	LX	Blk/Org to Red/Yel Blk/Yel to Red/Yel Blk/Blue to Red/Yel Blk/Grn to Red/Yel Blk/Wht to Red/Yel		CDI OUTPUT		140		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	?	3	140			4-6 K
200	1999-2004	6	2	SX	Blk/Org to Red/Yel Blk/Yel to Red/Yel Blk/Blue to Red/Yel Blk/Grn to Red/Yel Blk/Wht to Red/Yel		CDI OUTPUT		100		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	?	3	100			4-6 K
200	1999-2004	6	2	V/VX	Brn to Red	Blue to Blk/Red	224-336		115		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7K-3.6K	5 K
200	2000-2004	6	2	LZ/Z HPDI	Blk/Org to Red/Yel Blk/Yel to Red/Yel Blk/Blue to Red/Yel Blk/Grn to Red/Yel Blk/Wht to Red/Yel		CDI OUTPUT		140		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	?	5	140	0.5		4-6 K
220	1984-1986	6	2		Brn to Red	Blue to Blk/Red	900-1100	21-27	75	14	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	1.6	58	0.5	2.5K	5 K
225	1984-1989	6	2		Brn to Red	Blue to Blk/Red	900-1100	21-27	75	14	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	1.6	58	0.5	2.5K	5 K
225	1990-1995	6	2	L/HP	Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2	105	0.5	3.8K	5 K
225	1996-1997	6	2	L/HP	Brn to Red	Blue to Blk/Red	660-820	62-79	145	40	Wht/Red to Wht/Grn Wht/Blk to Wht/Blue Wht/Yel to Wht/Brn	280-460	2	130	0.5	4.1K	5 K
225	1994-1995	6	2	X/HP U/HP	Brn to Red	Blue to Blk/Red	224-336	224-336	90	90	Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7K	5 K

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### DVA (Peak Reading) Voltage and Resistance Chart

HP	YEAR	# Cyl	STK	Model	Stator				Trigger			CDI Out	Ignition Coil		SPK PLG CAP			
					Read		Ohms		DVA		Read		Ohms	DVA		OHMS +/- 10%		
					Low Spd	High Spd	Low Spd	High Spd	Low Spd	High Spd						Primary	Sec	
225	2002-2004	6	4	F	Blk/Org to Red/Yel Yel to Red/Yel Wht to Red/Yel		Blk/ Blk/ Wht to Red/Yel		CDI OUTPUT		252	Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk	459-561	5.3	252	1.5- 1.9	19.6-35.4K	None
225	1996-2002	6	2	S/X/U L/LX SX	Brn to Red	Blue to Blk/Red	224-336		115		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7 K	5 K	
225	1998-2004	6	2	VX	Brn to Red	Blue to Blk/Red	224-336		115		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7 K	5 K	
225	2003-2004	6	2	VZ HPDI	Red to Blk/Wht		224-336		160		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3.5	160	1.87-2.53	8.93-12.08 K	None	
250	1990-1996	6	2		Brn to Red	Blue to Blk/Red	224-336		90		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7 K	5 K	
250	1997-2002	6	2		Brn to Red	Blue to Blk/Red	224-336		115		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3	100	0.5	2.7 K	5 K	
250	2003-2004	6	2	HPDI	Red to Blk/Wht		CDI OUTPUT		160		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3.5	140	1.87-2.53	8.93-12.08 K	None	
300	2004	6	2	LZ/VZ Z HPDI	Red to Blk/Wht		CDI OUTPUT		265		Blk to Wht/Red Blk to Wht/Grn Blk to Wht/Blk Blk to Wht/Blue Blk to Wht/Yel Blk to Wht/Brn	294-398	3.5	265	1.36-1.84	7.31 - 9.89K	None	

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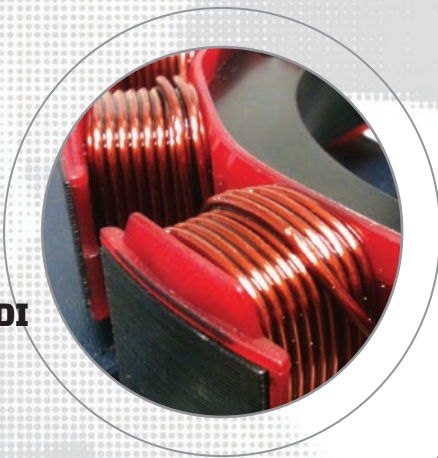


KEEPING YOUR BOAT ON THE WATER

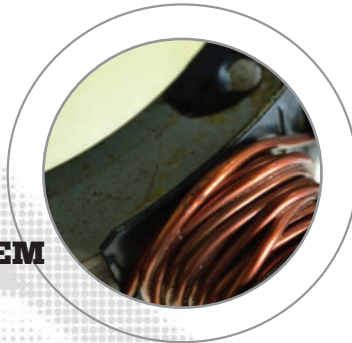
**CDI**  
Electronics®

# AS GOOD OR **BETTER** THAN THE ORIGINAL

CDI



OEM



**WHEN PARTS FAIL,  
REPLACE THEM WITH  
PARTS THAT WILL LAST.  
CDI MANUFACTURES  
QUALITY COMPONENTS  
THAT ARE DESIGNED  
AND BUILT AS GOOD OR  
BETTER THAN THE OEM.**

Excess heat caused the stator above to go bad and is the leading cause of stator failure. CDI discovered this reason for failure and designed the stator to have *tighter windings* and *no cover* which **reduces overheating**, resulting in a longer lasting part.

In addition to designing better ignition components, we test each component two separate times in the manufacturing process to assure you receive a component that works.

This is just one example of how CDI builds better marine ignition components.

353 JAMES RECORD ROAD SW HUNTSVILLE, AL 35824

CDI Part # 961-0003  
Rev Q  
2/8/2012

TECH SUPPORT  
1.866.423.4832

CUSTOMER SERVICE  
1.800.467.3371

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