



DID YOU KNOW?

Some Yamaha Ignition Packs are a high failure component on what is otherwise, a very reliable motor.



117-63D-04



117-6H5-02

To address this failure, CDI Electronics has redesigned the Ignition Packs (117-63D-04 & 117-6H5-02) to eliminate the water intrusion and wear mechanisms that plagued the original design.

By utilizing new technology, the design is more robust and easier to install. * See pages 130 & 131.

HP	Year	Stk.	Mbdel	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign. Coil
2	95-99	2	MSH	1	R6A1-85540-01-00	R6A1-85520-00-00*	SelfTriggered	-	6A1-85570-00-00**
2	2000	2	MSH	1	R6A1-85540-01-00	R6A1-85520-00-00*	SelfTriggered	-	6A1-85570-00-00**
2.5	03-05	4	F2.5, ML, MS	1	69M-85640-00-00**	-	SelfTriggered	-	In CD
3	88-02	2	LD, LF, LG, ML, MS, SD, SF, SG	1	R6L5-85540-M0-00	R6E0-85520-70-00*	R6L5-85592-M0*(A) R6L0-85595-M0*(B)	-	6L5-85570-M-00**
4	84-01	2	LD, LF, LG, LK, LN, ML, MS, SD, SF, SG, SK, SN	1	117-6E0-71	R6E0-85520-70-00*(C) R6E0-81303-80-00*(D)	6E0-85592-70*(A) 6E0-85595-70*(B)	157-664-61	6E0-85570-21-00**
4	99-05	4	F4, ML, MS	1	67D-85640-00-00**	-	Self Triggered	-	In CD
5	84-01	2	LD, LF, LG, LK, LN, ML, MS, SD, SF, SG, SK, SN	1	117-6E0-71	R6E0-85520-70-00*(C) R6E0-81303-80-00*(D)	R6E0-85592-70*(A) R6E0-85595-70*(B)	157-664-61	6E0-85570-21-00**
5	99-05	4	F5, ML, MS	1	67D-85640-00-00**	-	Self Triggered	-	In CD
6	84-99	2	LD, LF, LG, LK, LN, ML, MS, SD, SF, SG, SK, SN	2	117-696-12	R6E7-85520-70-00*(C) R6E7-81303-A0*(D)	R6E0-85580-70-00*	157-664-6	6G1-85570-00-00**
6	01-05	4	F6, ML, MS	2	68R-85540-00-00**	R68T-85520-00-00*(C) R68T-85533-00-00*(D)	68T-85580-01-00**	68T-81960-00-00*	680-85570-01-00**
8	84-04	2	LD, LF, LG, LK, LN, ML, MS, SD, SF, SG, SK, SN	2	117-696-12	R6E7-85520-70-00*(C) R6E7-81303-A0-00*(D)	R6E0-85580-70-00*	157-664-61	6G1-85570-00-00**
8	01-05	4	F8, ML, MS	2	68T-85540-00-00**	R68T-85520-00-00*(C) R68T-85533-10-00*(D)	68T-85580-01-00**	68T-81960-00-00**	680-85570-01-00**
9.9	84-95	2	EL, ES, LH, LJ, LK, LN, SH, SJ, SK, SN	2	117-695-11	R6E7-85520-70-00*(C) R6E7-81303-A0-00*(D)	6E0-85580-70-00**	157-664-61	6G1-85570-00-00**
9.9	86-04	4	F9.9, EL, ER, EX, X, ML, MX	2	117-6921	R6G8-85520-00-00*(C) R6G9-81303-F0-00*(D)	6G8-85580-02-00**	6G8-81960-A1-00**	680-85570-21-00**
9.9	92-05	4	T9.9, EL, EX	2	117-6921	R6G8-85520-01-00*(C)	68T-85580-02-00**	6G8-81960-A1-00**	680-85570-21-00**
9.9	96-05	2	EL, ES, ML, MS, X, ML, MX	2	117-6301	R63V-85520-01-00*(C) R6G8-81303-J0-00*(D)	63V-85580-01-00**	6G8-81960-A1-00**	63V-85570-00-00**
9.9	2005	4	F9.9, ELR2D, MLH2D, MLR2D, MSH2D	2	66M-85540-01-00**	R66M-85520-00-00*(C) R66M-85533-00-00*(D) R66M-85533-10-00*(E)	66M-85580-00-00**	6G8-81960-A1-00**	66M-85570-00-00**
15	84-95	2	EL, ES, LH, LJ, LK, LN, SH, SJ, SK, SN	2	117-695-11	R6E7-85520-70-00*(C) R6E7-81303-A0-00*(D)	R6E0-85580-70-00*	157-664-61	6G1-85570-00-00**
15	96-05	2	EL, ES, ML, MS	2	117-6301	R63V-85520-01*(C) R63V-85533-00*(D)	63V-85580-01-00**	6G8-81960-A1-00**	63V-85570-00-00**
15	98-05	4	F15, EL, ES, ML, MS, PL	2	66M-85540-01-00**	R66M-85520-00*(C) R66M-85533-00*(D) R66M-85533-10*(E)	66M-85580-00-00**	6G8-81960-A1-00**	66M-85570-00-00**
20	94-05	2	EL, ES, ML, MS	2	R6L2-85540-10-00	R6L2-85520-11*(C) R6L2-85533-10*(D)	6L2-85580-10-00** 6L2-85580-20-00**	157-664-61	61N-85570-10-00**

(a) Low Speed (b) High Speed (c) Charge Coil (d) Lighting Coil (e) 10 Amp Lighting Coil (f) Manual Start (g) Electric Start (h) Blanking Coil

* Premier Services Availability Only ** Part Currently Unavailable by CDI Electronics at this time

Yamaha Application Charts

HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign. Coil
25	84-87	2	EL, ES, LH, SH	2	117-689-21	R689-81311-40*(C) R689-81303-A0*(D)	689-85580-40-00**	157-664-61	689-85570-20-00**
25	88-93	2	EL, ES, LD, LF, LG, ML, MS, SD, SF, SG	2	R6L2-85540-23-00*	R6L2-85520-11*(C)	6L2-85580-10-00**	157-664-61	61N-85570-10-00**
25	90	2	CV25, EL, EM	2	117-695-11	R695-85520-70*(C) R695-81303-A0*(D)	R695-85580-70-00*	157-664-61	6E7-85570-19-00**
25	91-97	2	C25, EL, ES, ML, MS	2	117-695-11	R695-85520-70*(C) R695-81303-A0*(D)	R695-85580-70-00*	157-664-61	6E7-85570-17-00
25	94-05	2	EL, ES, ML, MS	2	R6L2-85540-23-00*	R6L2-85520-11*(C) R6L2-85533-10*(D)	6L2-85580-10-00** 6L2-85580-20-00**	157-664-61	61N-85570-10-00**
25	97-98	2	EL, ES, ML, MS	3	117-6J8-H1	R6H4-85520-01*(C) R6H4-85533-A0*(D)	R6H4-85510-F1*(F)	-	6H4-85570-20-00**
25	98-05	4	F25, EH, ER, TH	2	65W-85540-20-00**	R65W-85510-10*	R65W-85580-00*(I)	194-5279	65W-85570-01-00**
25	98-05	4	F25, MH	2	65W-85540-20-00**	R65W-85510-00*	R65W-85580-00*(I)	194-5279	65W-85570-01-00**
30	84-87	2	EL, ES, LH, SH	2	117-689-21	R689-81311-40*(C) R689-81303-A0*(D)	R689-85580-40-00*	157-664-61	689-85570-20-00**
30	88-99	2	EL, ES, ML, MS	3	117-6J8-H1	R6H4-85520-20*(F) R6J8-85520-00*(G)	R6H4-85510-F1*(F)	-	6H4-85570-20-00**
30	89-90	2	CV30, EL	2	117-689-21	R689-81311-40*(C) R689-81303-A0*(D)	R689-85580-40-00*	157-664-61	689-85570-20-00**
30	91-97	2	C30, EL	2	61N-85540-13-00**	R61N-85541-09-00*(C)	R61N-85543-09-00*	157-664-61	61N-85570-10-00**
30	99-02	2	EL, ES, ML, MS	3	117-6J8-H2	R6H4-85520-20*(F) R6J8-85520-00*(G) R6H4-85533-A1*(D)	6H4-85510-F1-00***(F)	6J8-81960-00-00**	6H4-85570-20-00**
30	03-05	4	F30	2	67C-85540-01-00**	R65W-85510-10*	65W-85580-00-00**	194-5279	67C-85570-00-00**
40	84-88	2	ALL	3	117-6H4-21	R6H4-85520-00*(C) R6H4-81303-A0*(D)	6H4-85510-F0-00**	157-664-61	6H4-85570-20-00**
40	89-94	2	EL, EJ, ES, ETL, LD, LF, MJ, ML, MS, PL, SD, SF, TL	3	117-6H5-02	R63D-85520-00*(C) R6H5-85533-01*(D)	6H5-85580-00-00** 6H5-85580-10-00** 6H5-85580-20-00**	157-664-61	6H5-85570-00-00**
40	90	2	CV40	2	117-689-21	R689-81311-40*(C) R689-81303-A0*(D)	689-85580-40-00**	157-664-61	689-85570-20-00**
40	95-05	2	EL, ES, MJ, ML, MS, TL	3	117-63D-04	R63D-85520-00*(C) R63D-85533-10*(D)	63D-85580-00-00**	6H2-81960-10**	6H5-85570-00-00**
48	95-00	2	E48	2	117-696-12	R6E7-85520-70-00* R696-81303-F0-00*	6E7-85580-70-00**	157-664-61	696-85570-11-00**
50	84-88	2	ALL	2	117-6H4-21	R6H4-85520-00*(C) R6H4-81303-A0*(D)	6H4-85510-F0-00**	157-664-61	6H4-85570-20-00**
50	89-94	2	EL, EJ, ES, ETL, LD, LF, MJ, ML, MS, PL, SD, SF, TL*	3	117-6H5-02	R63D-85520-00*(C) R6H5-85533-01*	6H5-85580-00-00** 6H5-85580-10-00** 6H5-85580-20-00**	157-664-61	6H5-85570-00-00**
50	95-05	2	EL, ES, MJ, ML, MS, TL	3	117-6H5-04	R63D-85520-00*(C) R63D-85533-10*(D)	63D-85580-00-00**	6H2-81960-10*	6H5-85570-00-00**
50	2005	4	F50	4	6C1-8591A-10-00**	6C5-81410-00-00**	62Y-85580-00-00**	68V-81960-00-00**	63P-82310-01-00**
55	89	2	CV55	2	117-TIA02-12	R663-85541-A0*(C) R663-85565-A0*(h)	663-85580-10-00**	157-664-61	697-85570-11-00**
55	91-94	2	C60	2	117-TIA02-12	R663-85541-A0*(C) R663-85565-A0*(h)	663-85580-10-00**	157-664-61	697-85570-11-00**
60	96-01	2	C60, P60	3	6H2-85540-12-00**	R6H2-85520-01*(C) R6H2-85533-01*(D)	6H2-85580-01-00**	6H2-81960-10**	697-85570-00-00**
60	99	2	E60	3	117-6H3-11	R6H3-85520-00*(C) R6H3-85533-00*(D)	6H3-85510-A0-00**	157-664-61	697-85570-00-00**
60	01-05	2	TL	3	6H2-85540-A9-00**	R6H2-85520-01*(C) R6H2-85533-01*(D)	6H2-85580-01-00**	6H2-81960-10**	697-85570-00-00**
60	2005	4	F60	4	6C1-8591A-10-00**	6C5-81410-00-00**	62Y-85580-00-00**	68V-81960-00-00**	63P-82310-01-00**

(a) Low Speed (b) High Speed (c) Charge Coil (d) Lighting Coil (e) 10 Amp Lighting Coil (f) Manual Start (g) Electric Start (h) Blanking Coil
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Application Charts

HP	Year	Stk.	Mbdel	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign. Coil
70	84-91	2	ET, TLN	3	117-6H3-11	R6H3-85520-00*(C) R6H3-85533-A0*(D)	6H3-85510-A0-00**	157-664-61	697-85570-00-00**
70	92	2	TL	3	6H2-85540-A9-00**	R6H2-85520-00*(C) R6H2-85533-00*(D)	6H2-85580-00-00** 6H2-85895-00**(I)	6H2-81960-10-00**	6H2-85570-00-00**
70	93-96	2	TL,TR	3	6H2-85540-B9-00**	R6H2-85520-00*(C) R6H2-85533-00*(D)	6H2-85580-00-00** 6H2-85895-00**(I)	6H2-81960-10-00**	6H2-85570-00-00**
70	97-05	2	TL,TR	3	6H2-85540-12-00**	R6H2-85520-00*(C) R6H2-85533-00*(D)	6H2-85580-00-00** 6H2-85895-00**(I)	6H2-81960-10-00**	6H2-85570-00-00**
70	96-01	2	C70, P70	3	6H2-85540-12-00**	R6H2-85520-01*(C) R6H2-85533-01*(D)	6H2-85580-01-00**	6H2-81960-10-00**	697-85570-00-00**
75	88-96	2	E75	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
75	97-00	2	E75	3	117-688-15	177-688-11	688-85580-00-00**	6H0-81960-00	697-85570-00-00**
75	98-99	2	C75,P75	3	6H0-85540-06-00**	R6H0-85510-01-00	6H0-85580-01-00** 6H2-85895-00*(I)	6H0-81960-00**	6H2-85570-00-00**
80	97	2	C80	3	6H0-85540-06-00**	R6H0-85510-01*	6H0-85580-01-00** 6H2-85895-00**(I)	6H0-81960-00**	697-85570-00-00**
85	89-90	2	CV85	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
85	91-96	2	C85	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	688-85570-11-00**
90	84-87	2	ET	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	697-85570-11-00**
90	88-91	2	ET	3	117-688-15	177-688-11	688-85580-12-00**	197-6G5-A0	697-85570-11-00**
90	92-93	2	ET	3	6H0-85540-A9-00**	R6H0-85510-00-00*	6H0-85580-00-00*	6H0-81960-00**	6H2-85570-00-00**
90	94-99	2	ET,TL	3	6H0-85540-06-00**	R6H0-85510-01-00*	6H0-85580-01-00** 6H2-85895-00*(I)	6H0-81960-00-00**	6H2-85570-00-00**
90	97-00	2	B90,C90	3	6H0-85540-06	R6H0-85510-01-00*	6H0-85580-01-00** 6H2-85895-00**(I)	6H0-81960-00**	697-85570-00-00**
90	2001	2	C115	3	6H0-85540-06**	R6H0-85510-03-00*	6H0-85580-01-00** 6H2-85895-00**(I)	6H0-81960-00**	697-85570-00-00**
100	99	4	F100	4	67F-855440-00**	67F-85510-00-00**	67F-85580-00-00**	67F-81960-00**	67F-85570-00-00**
115	84-89	2	ET	4	117-6E5-12	177-6E5-10	6E5-85580-11-00*	6E5-81960-12**	6E5-85570-11-00**
115	90-03	2	ET,TJ,TL	4	6N7-85540-01**	R6N7-85510-00-00*	6E5-85580-00-00*	6R3-81960-10**	6R3-85570-00-00**
115	04-05	2	ET,TJ,TL	4	6N7-85540-01-00**	R6N7-85510-00-00*	6E5-85580-10-00**	6R3-81960-10-00**	6R3-85570-00-00**
115	91-96	2	C115	4	117-6E5-12	177-6E5-10	R6E5-85580-11-00*	197-6G5-A0	6E5-85570-11-00**
115	97-98	2	C115	4	117-6E5-12	177-6E5-10	R6E5-85580-00-00*	6H0-81960-00-00**	6E5-85570-11-00**
115	98-99	2	B115,S115	4	6N7-85540-01-00**	R6N7-85510-00-00*	R6E5-85580-00-00*	6R3-81960-10-00**	6R3-85570-00-00**
130	88-89	2	ET	4	117-6E5-12	177-6E5-10	R6E5-85580-12-00*	197-6G5-A0	6E5-85570-11-00**
130	90-03	2	ET,TJ,TL	4	6N7-85540-01-00**	R6N7-85510-00-00*	R6E5-85580-10-00*	6R3-81960-10-00**	6R3-85570-00-00**
150	84-89	2		6	117-6G5-12	177-6G5-10	R6G5-85580-11-00*	197-6G5-A0	6E5-85570-11-00**
150	90	2		6	62H-85540-00-00**	R6R3-85510-00-00*	R6R3-85580-00-00*	6R3-81960-10-00**	6R3-85570-00-00**
150	91-95	2	P150	6	62H-85540-00-00**	R6R3-85510-00-00*	R6R3-85580-00-00*	6R3-81960-10-00**	6R3-85570-00-00**
150	96	2	TJRU	6	64D-85540-01-00**	R6R3-85510-00-00*	R64D-85580-00-00* R6R5-85895-01-00(I)	6R3-81960-10-00**	6R3-85570-00-00**
150	96-99	2	P150	6	64D-85540-01-00**	R6R3-85510-00-00*	R64D-85580-00-00* R6R5-85895-01-00(I)	6R3-81960-10-00**	6R3-85570-00-00**
150	97	2		6	6G6-85540-00-00**	R6G6-85510-01-00*	6G6-85580-00-00**	197-6G5-A0	6R3-85570-00-00**
150	98-05	2		6	64D-85540-01-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(I)	6R3-81960-10-00**	6R3-85570-00-00**
150	00-05	2	V150	6	64D-85540-10-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(I)	6R3-81960-10-00**	6R3-85570-00-00**
150	00-03	2	Z150L(68H)	6	R68J-8591A-10-00*	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(I)	68F-81960-01-00**	68F-82310-01-00**

(a) Low Speed (b) High Speed (c) Charge Coil (d) Lighting Coil (e) 10 Amp Lighting Coil (f) Manual Start (g) Electric Start (h) Blanking Coil

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HP	Year	Stk.	Model	Cyl.	Ign. Pack	Stator	Trigger	Rectifier	Ign. Coil
150	00-03	2	Z150,LZ150X	6	68H-8591A-11-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
150	01-03	2	VZ150	6	68J-8591A-10-00**	R6R3-85510-00-00	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
150	04-03	2	VZ150	6	68J-8591A-20-00**	R6R3-85510-00-00	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
150	2004	2	Z150X	6	68H-8591A-30-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
150	2005	2	Z150X,VZ150	6	68H-8591A-30-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
175	84-89	2		6	117-6G5-12	177-6G5-10	6G5-85580-11-00**	197-6G5-A0	6E5-85570-11-00**
175	90	2		6	62H-85540-00-00**	R6R3-85510-00-00*	6R3-85580-00-00**	6R3-81960-10-00**	6R3-85570-00-00**
175	91-95	2	P175	6	62H-85540-00-00**	R6R3-85510-00-00*	6R3-85580-00-00**	6R3-81960-10-00**	6R3-85570-00-00**
175	96-99	2	P175	6	64E-85540-01-00**	R6R3-85510-00-00*	64D-85580-00-00** 61A-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
175	2000	2	V175	6	64E-85540-01-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
175	01-03	2	Z175X	6	68L-8591A-10-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
175	01-05	2	VZ175	6	68M-8591A-02-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
175	2004	2	Z175X	6	68L-8591A-20-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
175	2005	2	Z175X	6	68L-8591A-30-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
175	04-05	2	VZ175TL	6	68M-8591A-30-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
200	84-89	2	ET	6	117-6G5-12	177-6G5-10	6G5-85580-11-00**	197-6G5-A0	6E5-85570-11-00**
200	90-95	2	ET,TJ,TL,TX	6	62H-85540-00-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
200	96-99	2	TJ,TL,TX	6	64E-85540-01-00**	R6R3-85510-00-00*	64D-85580-00-00** 61A-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
200	96-99	2	P200	6	64E-85540-01-00**	R6R3-85510-00-00	64D-85580-00-00** 61A-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
200	98	2	V200	6	66X-85540-01-00**	R65L-85510-10-00	61A-85580-01-00**	61A-81960-01-00**	
200	2000	2	Z200L(68H)	6	68F-8591A-30-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
200	00-03	2	Z200,LZ150X	6	68F-8591A-21-00*	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
200	2001	2	VZ200	6	68F-8591A-30-00**	R6R3-85510-00-00*	64D-85580-00-00** 6R5-85895-01-00**(l)	6R3-81960-10-00**	6R3-85570-00-00**
200	04-05	2	VZ200	6	60F-8591A-21-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
200	2004	2	Z200X	6	68F-8591A-A0-00**	68F-81410-00-00**	60V-WS855-00-00** 61A-85895-01-00**(l)	68F-81960-01-00**	68F-82310-01-00**
200	2005	2	Z200X	6	68F-8591A-G0-00**	68F-81410-00-00**	60V-WS855-00-00**	68F-81960-01-00**	68F-82310-01-00**
225	84-89	2	EXCELL	6	117-6G5-12	177-6G5-10	6G5-85580-11-00** 61A-85895-01-00**(l)	197-6G5-A0	6K7-82590-00-00**

(a) Low Speed (b) High Speed (c) Charge Coil (d) Lighting Coil (e) 10 Amp Lighting Coil (f) Manual Start (g) Electric Start (h) Blanking Coil
 * Premier Services Availability Only ** Part Currently Unavailable by CDI Electronics at this time