

# APPLICATION LIST

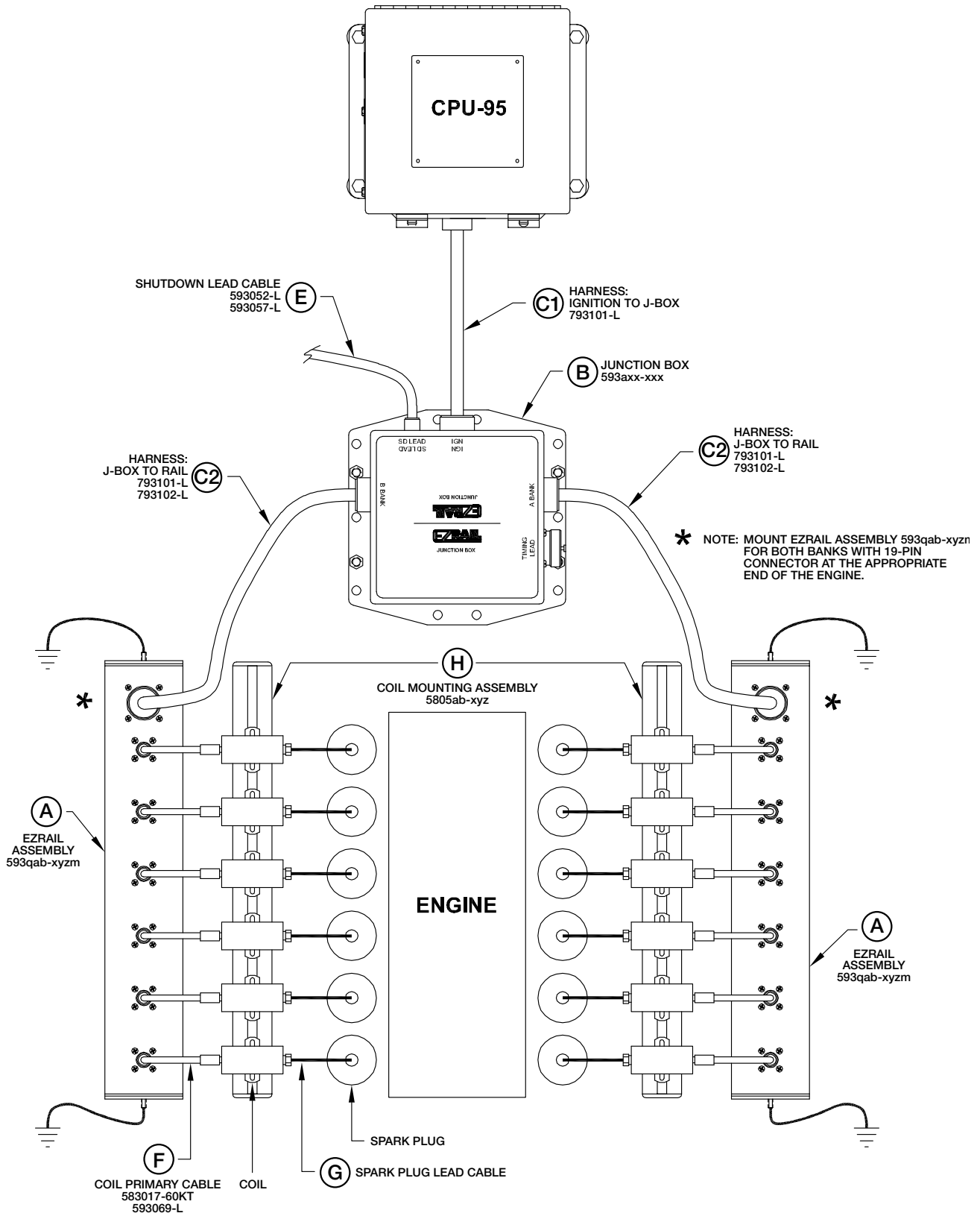
FORM EZRail AL 7-08

## GENERAL INFORMATION

IT.	DESCRIPTION	PART NO.
<b>A</b>	<b>EZ Rail Assembly (1 or 2/bank)</b>	<b>593qab-xyzm</b>
	q = Ignition Type                      5 or 7 = CPU-95; 6 or 8 = CPU-2000 ab = No. Outputs                        02-12 xy = Engine Mfr.                         See Listing z = Engine Series                         See Listing m = Engine Bank                         A or B Bank, C = Rail w/o J-Box	
<b>B</b>	<b>Junction Box (1/system)</b>	<b>593axx-xxx</b>
	a = Ignition Type                        4, 5 = CPU-95, DISN; 9 = CPU-2000 Note: two options depending on the mounting location of the J-Box	
<b>C1</b>	<b>Harness: Ignition to J-Box (1 or 2)</b>	<b>L = 24, 36, 48, 60, 72, 96, 120, 144, 180      793101-L</b>
<b>C2</b>	<b>Harness: J-Box to Rail Assembly (1/bank)</b>	
	w/1x90° and 1x180° connector        L = 24, 36, 48, 60, 72, 96, 120, 144, 180      793101-L w/2x90° connectors                      L = 24, 36, 48, 60, 72, 96, 120, 144, 180      793102-L* *Use 793102-L up to 8 circuits (CPU-95) or 10 circuits (CPU-2000)	
<b>C3</b>	<b>Harness: Rail 1 to Rail 2</b>	<b>L = 24, 36, 48, 60, 72, 96 (inches)      793102-L</b>
	Required only on integral engines	
<b>E</b>	<b>Shutdown Lead Cable (1/system)</b>	
	w/180° connector                        L = 6 to 180 (inches)                              593052-L w/90° connector                         L = 6 to 180 (inches)                              593057-L w/1x90° and 1x180° connector        L = 12, 18, 24, 30, 36, 48, 60 (in.)              593069-L* *Use only with CPU-2000 system with diagnostic module 291105-1	
<b>F</b>	<b>Coil Primary Cable (1 or 2/cylinder)</b>	
	Unshielded option                        Cut-to-length                                      583017-60KT Shielded options                         L = 12, 18, 24, 30, 36, 48, 60 (in.)              593069-L	
<b>G</b>	<b>Spark Plug Lead Cable (1/coil, see catalog, Form AIA-C)</b>	
	Unshielded for Unshielded Coil        L = 13, 17, 18, 21, 24 (inches)                      593028-L Unshielded for Shielded Coil            L = 12, 16, 18, 22 (inches)                        593005-L Flashguard Unshielded Leads 4" Ext.    L = 12, 16, 18, 20, 24 (inches)                      See form AIA-C Flashguard Unshielded Leads 9" Ext.    L = 17, 29, 33, 35 (inches)                        See form AIA-C Safe-T-Leads                                L = 14, 18, 22 (inches)                              See form AIA-C Shielded Leads 1" Connection            L = 10, 13, 16, 18, 24 (inches)                      593020-L Shielded Leads 2" Connection            L = 10, 13, 16, 18, 24 (inches)                      593030-L	
<b>H</b>	<b>Coil Mounting Assembly (1 or 2/bank) Optional</b>	<b>5805ab-xyz</b>
	ab = No. Outputs                        02-12 xy = Engine Mfr.                         See Listing z = Engine Series                         See Listing	
<b>I</b>	<b>Mounting Kit (see listing for qty.) Optional</b>	<b>515010-KT</b>



# EZRAIL SYSTEM COMPONENTS FOR HIGH SPEED ENGINE



# ALTRONIC EZRAIL MODULAR IGNITION RAIL SYSTEM APPLICATION CHART

## CPU-95/DISN

ENGINE	Item A EZRail Assembly Qty.	Part No.	Item B J-Box at #1 end	J-Box at end opposite of #1	Item C1 Qty.	Item C2 Qty.	Items F,G Qty.	Item H Coil Mtg. Bar Qty.	Part No.	Item I Mtg. Kit Qty.
<b>AJAX</b>										
DPC-300, 360	1	593504-091C	None	None	1	0	4	1	580504-091	3
DPC-540, 600	1	593506-091C	None	None	1	0	6	1	580506-091	4
DPC-800	1	593508-091C	None	None	1	0	8	1	580508-091	5
2202, 2802	1	593504-091C	None	None	1	0	4	1	580504-091	3
2803	1	593506-091C	None	None	1	0	6	1	580506-091	4
2804	1	593508-091C	None	None	1	0	8	1	580508-091	5
<b>CATERPILLAR</b>										
3304	1	593504-010C	None	None	1	0	4	1	580504-010	3
3306	1	593506-010C	None	None	1	0	6	1	580506-010	4
3406	1	593506-011A	593500-101	593500-102	1	1	6	1	580506-011	4
3408	1 1	593504-012A 593504-012B	593500-202	Contact factory	1	2	8	2	580504-012	6
3412	1 1	593506-012A 593506-012B	593500-201	593500-205	1	2	12	2	580506-012	8
3508	1 1	593504-013A 593504-013B	593500-203	Contact factory	1	2	8	2	580504-013	6
3512	1 1	593506-013A 593506-013B	593500-201	593500-205	1	2	12	2	580506-013	8
3516	2	593508-013A	593500-201	593500-204	1	2	16	2	580508-013	10
3606	1	593506-014A	593500-101	593500-102	1	1	6	1	580506-014	4
3608	1	593508-014A	593500-101	593500-103	1	1	8	1	580508-014	5
3612	2	593506-015A	593500-201	593500-205	1	2	12	2	580506-015	8
3616	2	593508-015A	593500-201	593500-204	1	2	16	2	580508-015	10
G379	1 1	593504-016A 593504-016B	593500-201	Contact factory	1	2	8	2	580504-016	6
G398	1 1	593506-013A 593506-013B	593500-201	593500-205	1	2	12	2	580506-013	8
G399	2	593508-016A	593500-201	593500-204	1	2	16	2	580508-016	10
<b>CUMMINS</b>										
G743, G855	1	593506-041C	None	None	1	0	6	1	580506-041	4
<b>MEP</b>										
MEP-6	2	593506-081A	593500-206	Contact factory	1	2	12	2	580506-081	8
MEP-8	2	593508-081A	593500-206	Contact factory	1	2	16	2	580508-081	10
MEP-10	2	593510-081A	593500-206	Contact factory	1	2	20	2	580510-081	12
MEP-12	2	593512-081A	593500-206	Contact factory	1	2	24	2	580512-081	12
<b>SUPERIOR</b>										
6Gx825, 6GTLx	1	593506-030A	593500-101	593500-102	1	1	6	1	580506-030	4
8Gx825, 8GTLx	1	593508-030A	593500-101	593500-103	1	1	8	1	580508-030	5
12Gx825, 12GTLx	2	593506-031A	593500-201	593500-205	1	2	12	2	580506-031	8
12G825, 12GT825 Endyn firing order	1 1	593506-031A 593506-031B	593500-201	593500-205	1	2	12	2	580506-031	8
16G825, 16GTLx	2	593508-034A	593500-201	593500-204	1	2	16	2	580508-031	10
16G825, 16GTLx Endyn firing order	1 1	593508-034A 593508-034B	593500-201	593500-204	1	2	16	2	580508-031	10
16GT825	2	593508-031A	593500-201	593500-204	1	2	16	2	580508-031	10
16GT825 Endyn firing order	1 1	593508-031A 593508-031B	593500-201	593500-204	1	2	16	2	580508-031	10

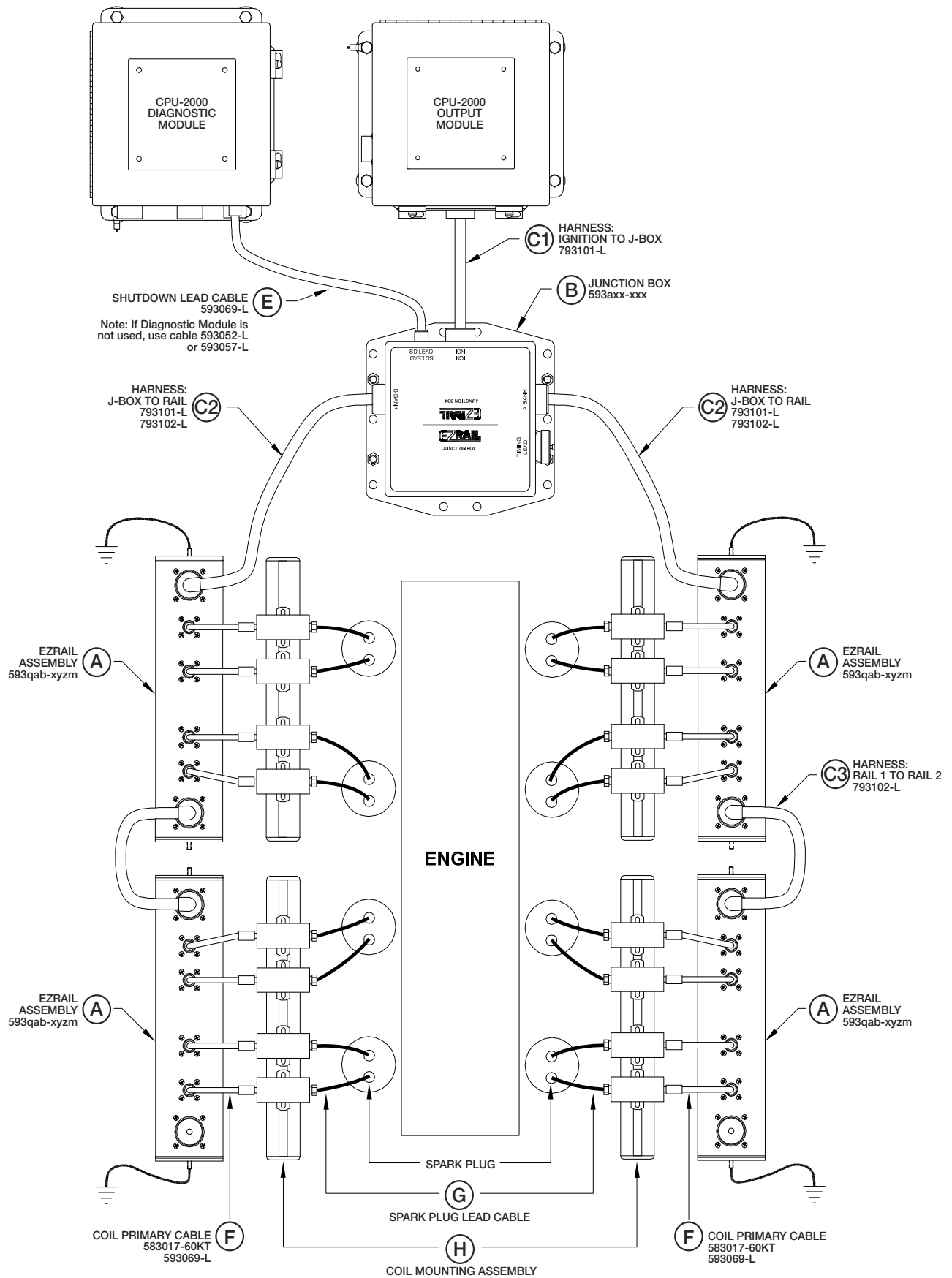
# ALTRONIC EZRAIL MODULAR IGNITION RAIL SYSTEM APPLICATION CHART

## CPU-95/DISN

ENGINE	Item A EZRail Assembly Qty. Part No.	Item B J-Box at #1 end J-Box at end opposite of #1	Item C1 Qty.	Item C2 Qty.	Items F,G Qty.	Item H Coil Mtg. Bar Part No.	Item I Mtg. Kit Qty.
<b>SUPERIOR (continued)</b>							
2406	1 593506-032A	593500-101 593500-102	1	1	6	1 580506-032	4
2408	1 593508-032A	593500-101 593500-103	1	1	8	1 580508-032	5
2412	2 593506-033A	593500-201 593500-205	1	2	12	2 580506-033	8
2416	2 593508-033A	593500-201 593500-204	1	2	16	2 580508-033	10
<b>WAUKESHA</b>							
VG12	1 593506-023A 1 593506-023B	593500-201 593500-205	1	2	12	2 580506-023	8
VHP6	1 593506-021A	593500-101 593500-102	1	1	6	1 580506-021	4
VHP12	1 593506-021A 1 593506-021B	593500-201 593500-205	1	2	12	2 580506-021	8
VHP16 (1 rail/bank)	2 593508-021A	593500-201 593500-204	1	2	16	2 580508-021	10
VHP16 (2 rails/bank)	4 593504-021S		1	2*	16	4 580504-021	12
AT12	2 593506-022A	593500-201 593500-205	1	2	12	2 580506-022	8
AT16	2 593508-022A	593500-201 593500-204	1	2	16	2 580508-022	10

\* Requires qty. 2 harnesses C3 – see page 1.

# EZRAIL SYSTEM COMPONENTS FOR INTEGRAL ENGINE



# ALTRONIC EZRAIL MODULAR IGNITION RAIL SYSTEM APPLICATION CHART

## CPU-2000

Note: Engine firing order must be submitted with purchase order

ENGINE	Item A EZRail Assembly Qty.	Part No.	Item B J-Box at #1 end	J-Box at end opposite of #1	Item C3 Harness Qty.	Item H Coil Mtg. Bar Qty.	Part No.	Item I Mtg. Kit Qty.
<b>CLARK</b>								
HRA-5	1	593810-210	593905-101	593905-101Z	0	1	580510-210	6
HRA-6	2	593806-210	593906-101	593906-101Z	1	2	580506-210	8
HRA-8	2	593808-210	593908-101	593908-101Z	1	2	580508-210	10
TLA-5	1	593810-211	593905-101	593905-101Z	0	1	580510-211	6
TLA-6/3	2	593806-211	593906-102	593906-102Z	1	2	580506-211	8
TLA-6/4	2	593806-211	593906-103	593906-103Z	1	2	580506-211	8
TLAC-6	2	593806-211	593906-104	593906-104Z	1	2	580506-211	8
TLA-8	2	593808-211	593908-103	593908-103Z	1	2	580508-211	10
TLAC-8	2	593808-211	593908-104	593908-104Z	1	2	580508-211	10
TLA-10/5	2	593810-211	593910-102	593910-102Z	1	2	580510-211	12
TLA-10/6	2	593810-211	593910-103	593910-103Z	1	2	580510-211	12
TCV-10	2 2	593806-212 593804-212	593910-201	593910-201Z	2	2 2	580506-212 580504-212	14
TCV-12	4	593806-212	593912-201	593912-201Z	2	4	580506-212	16
TCV-16	4	593808-212	593916-201	593916-201Z	2	4	580508-212	20
TCV-20	4	593810-212	593920-201	593920-201Z	2	4	580510-212	24
<b>COOPER-BESSEMER</b>								
GMV-6 Series	2	593806-221	593906-201	593906-201Z	0	2	580506-221	8
GMV-8 Series 60-30	4	593804-221	593908-201	593908-201Z	2	4	580504-221	12
GMV-8 flat crank	4	593804-221	593908-202	593908-202Z	2	4	580504-221	12
GMV-10 Series	2 2	593806-221 593804-221	593910-202	593910-202Z	2	2 2	580506-221 580504-221	14
GMVH-12 flat crank	4	593806-221	593912-202	593912-202Z	2	4	580506-221	16
GMW-6 Series	2	593806-222	593906-201	593906-201Z	0	2	580506-222	8
GMW-8 Series	2	593808-222	593908-201	593908-201Z	0	2	580508-222	10
GMW-10, GMWC-10	2 2	593806-222 593804-222	593910-202	593910-202Z	2	2 2	580506-222 580504-222	14
GMWA-10	2 2	593806-222 593804-222	593910-203	593910-203Z	2	2 2	580506-222 580504-222	14
GMW-12 Series	4	593806-222	593912-203	593912-203Z	2	4	580506-222	16
6V250, 6V275, 6W330	2	593806-222	593906-201	593906-201Z	0	2	580506-222	8
8V250, 8V275, 8W330	2	593808-222	593908-201	593908-201Z	0	2	580508-222	10
10V250, 10V275, 10W330	2 2	593806-222 593804-222	593910-204	593910-204Z	2	2 2	580506-222 580504-222	14
12V250, 12V275, 12W330	4	593806-222	593912-203	593912-203Z	2	4	580506-222	16
16V250, 16V275, 16W330	4	593808-222	593916-202	593916-202Z	2	4	580508-222	20
LS8G	2	593808-225	593908-103	593908-103Z	1	2	580508-225	10
<b>DE LAVAL</b>								
HVA-8	2	593808-251	593908-206	593908-206Z	0	2	580508-251	10
HVA-12	2	593812-251	593912-205	593912-205Z	0	2	580512-251	16
HVA-16	4	593808-251	593916-204	593916-204Z	2	4	580508-251	20

# ALTRONIC EZRAIL MODULAR IGNITION RAIL SYSTEM APPLICATION CHART

## CPU-2000

Note: Engine firing order must be submitted with purchase order

ENGINE	Item A EZRail Assembly Qty. Part No.	Item B J-Box at #1 end	J-Box at end opposite of #1	Item C3 Harness Qty.	Item H Coil Mtg. Bar Qty. Part No.	Item I Mtg. Kit Qty.
<b>INGERSOLL RAND</b>						
36KVG, 62KVG	2 593806-231	593906-202	593906-202Z	0	2 580506-231	8
48KVG, 83KVG	2 593808-231	593908-203	593908-203Z	0	2 580508-231	10
48KVGR	2 593808-231	593908-204	593908-204Z	0	2 580508-231	10
82KVG	2 593808-231	593908-205	593908-205Z	0	2 580508-231	10
26KVS, 36KVS, 36KVS	2 593806-231	593906-202	593906-202Z	0	2 580506-231	8
48KVS, 48KVS	2 593808-231	593908-204	593908-204Z	0	2 580508-231	10
103KVG, 410KVG	2 593810-231	593910-205	593910-205Z	0	2 580510-231	12
104KVG	2 593810-231	593910-206	593910-206Z	0	2 580510-231	12
410/510 KVG/KVGR (12-cyl. crank)	2 593806-231-1 2 593804-231-2	593910-207	593910-207Z	2	2 580506-231-1 2 580504-231-2	14
410/510 KVS/KVSR (12-cyl. crank)	1 593806-231-1 1 593806-231-2 2 593804-231	593910-208	593910-208Z	2	1 580506-231-1 1 580506-231-2 2 580504-231-1	14
412/512 KVG/KVGR/KVS/KVSR	2 593806-231-1 2 593806-231-2	593912-204	593912-204Z	2	2 580506-231-1 2 580506-231-2	16
38KVT, 38KVR	4 593804-232	593908-203	593908-203Z	2	4 580504-232	12
410 KVT, 410KVR	2 593806-232 2 593804-232	593910-205	593910-205Z	2	2 580506-232 2 580504-232	14
512KVT, 512KVR	4 593806-232	593912-204	593912-204Z	2	4 580506-232	16
616KVT, 616KVR	4 593808-232	593916-203	593916-203Z	2	4 580508-232	20