

**WIRING DIAGRAM LISTINGS (OLDER STANDBY SYSTEMS)**

GENERATOR MODEL #	DESCRIPTION	TYPE CONTROL	AC WIRING DIAGRAM	DC WIRING DIAGRAM	ENGINE CONNECTION DIAGRAM & SCHEMATIC	ADDITIONAL COMMENTS
860 ADS P580ADS 880 ADS P580ADS	DELCO MECHANICAL OVERSPEED MECHANICAL GOVERNOR	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-1 (50) 71522-1 (80)	71523-5	
		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71522-12 (80) 71521-9 (50)	71523-15 (12VDC) 71523-17 (12VDC W / PREALARMS)	
"B" SERIES & "PS" SERIES 880 ADS P580ADS	ELECTRONIC GOVERNOR		71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71522-12 (80)	71523-19	24VDC W / PREALARMS AND BARBER-COLMAN ELECT. GOV.
"B" SERIES & "PS" SERIES 100 HDS 130 HDS	DELCO ELECTRONIC OVERSPEED / UNDERSPEED MECHANICAL GOVERNOR	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71522-8	71523-10 12 VOLT 71524-4 24 VOLT	3 LEAD ENGINE ALTERNATOR
		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71522-12	71523-16 (12VDC) 71523-18 (12VDC W / PREALARMS)	2 LEAD ENGINE ALTERNATOR
"B" SERIES & "PS" SERIES 200 ADS 250 ADS	DELCO ALTERNATOR MECHANICAL OVERSPEED / UNDERSPEED MECHANICAL GOVERNOR	RELAY PANEL	71520-2 (208/480 V 3PH) 71520-3 (208/240 V 3PH) 71520-5 (120/240 V 1PH)	71522-2 71522-7	71524-3 71524-2	3 LEAD ENGINE ALTERNATOR
		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71522-9	71524-5	2 LEAD ENGINE ALTERNATOR
"B" SERIES & "PS" SERIES 200 ADS 250 ADS	DELCO ALTERNATOR ELECTRONIC OVERSPEED / UNDERSPEED MECHANICAL GOVERNOR	RELAY PANEL	71520-2 (208/480 V 3PH) 71520-3 (208/240 V 3PH) 71520-5 (120/240 V 1PH)	71522-8	71524-4 71523-10	24V 12V
		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71522-9	71524-5	24V
15 MD		RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	82316	82317	MICRO-PROCESSOR RELAYS
"B" SERIES & "PS" SERIES 35 HDS 50 HDS 60 HDS 100HDS 130HDS	MOTOROLA ALTERNATOR WITH MECHANICAL OVERSPEED MECHANICAL GOVERNOR	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-1 (35-60 KW) 71522-1 (100 & 130 HDS)	71523-1	CR4 (ENGINE ALTERNATOR FOR CRANK DISCONNECT SIGNAL)
		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	71523-14 (12VDC) 71523-13 (24VDC)	

GENERATOR MODEL #	DESCRIPTION	TYPE CONTROL	AC WIRING DIAGRAM	DC WIRING DIAGRAM & SCHEMATIC	ENGINE CONNECTION DIAGRAM & SCHEMATIC	ADDITIONAL COMMENTS
"B" SERIES & "PS" SERIES 50 HDS 50 HDS 60 HDS	DELCO WITH MECHANICAL OVERSPEED	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-1 (35-60 KHZ) 71522-1 (100 & 130 HDS)	71523-6	CR4 (ENGINE ALTERNATOR FOR CRANK DISCONNECT SIGNAL)
B15 FS	FORD 1800 RPM	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	94553	
B35FH	FORD 3600 RPM	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	94553	
B20 ADS		MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-11	71523-21	
"B" SERIES & "PS" SERIES 25 HS 65 HS	SMALL WHITE GAS LPNG WITH MANUAL GOVERNOR AND ELECTRONIC OVERSPEED	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-2	71525-1	ELECTRONIC OVERSPEED CR4 (ENGINE ALTERNATOR FOR STOP CRANKING SIGNAL)
	WHITE GAS LPNG ELECTRONIC GOVERNOR	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	71525-4	
"B" SERIES & "PS" SERIES 45 CS	CHRYSLER GAS LPNG WITH ELECTRONIC GOVERNOR AND ELECTRONIC OVERSPEED	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-2	93044	ELECTRONIC OVERSPEED CR4 (ENGINE ALTERNATOR FOR STOP CRANKING SIGNAL)
	CHRYSLER GAS LPNG WITH ELECTRONIC GOVERNOR	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	71526-9 (12VDC W/O PREALARM) 71526-10 (12VDC W / PREALARM)	
"B" SERIES & "PS" SERIES 35 CS 65 CS	CHRYSLER GAS WITH MANUAL GOVERNOR AND ELECTRONIC OVERSPEED	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	71521-2	71526-1	ELECTRONIC OVERSPEED CR4 (ENGINE ALTERNATOR FOR STOP CRANKING SIGNAL)
	CHRYSLER GAS MANUAL GOVERNOR	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	71526-9 (12VDC W/O PREALARM) 71526-10 (12VDC W / PREALARM)	
"B" SERIES & "PS" SERIES 65 FS	FORD GAS LPNG WITH ELECTRONIC GOVERNOR	RELAY PANEL	S71519-12 (208/480 V 3PH) S71519-13 (208/240 V 3PH) S71519-15 (120/240 V 1PH)	71521-2	93114	ELECTRONIC OVERSPEED CR4 (ENGINE ALTERNATOR FOR STOP CRANKING SIGNAL)
	FORD GAS LPNG WITH ELECTRONIC GOVERNOR	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	93114-1 (12VDC W/O PREALARM)	
B20FGS PRIOR TO 1992	FORD LSG-423	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	94553	
B20FGS 1992 THRU 1994	FORD LSG-423	MICRO-PROCESSOR	99012-1 (208/480 V 3PH) 99012-2 (208/240 V 3 Ph) 99012-3 (120/240V 1PH)	99010	99013	
B35FGH AP55000 PRIOR TO 1992	FORD LSG423 GAS LPNG MECHANICAL GOVERNOR	MICRO-PROCESSOR	71519-22 (208/480 V 3PH) 71519-23 (208/240 V 3PH) 71519-25 (120/240 V 1PH)	71521-9	94553	
	ELECTRONIC GOVERNOR	MICRO-PROCESSOR	99012-1 (208/480 V 3PH) 99012-2 (208/240 V 3 Ph) 99012-3 (120/240V 1PH)	99010	99013	
B75CH-P575CH	75 CH CHRYSLER 3600 RPM MECHANICAL GOVERNOR	RELAY PANEL	71519-12 (208/480 V 3PH) 71519-13 (208/240 V 3PH) 71519-15 (120/240 V 1PH)	82288	93044	
	CHRYSLER 3600 RPM ELECTRONIC GOVERNOR	MICRO-PROCESSOR	93648 (208/480 V 3PH) 93649 (208/240 V 3PH) 93650 (120/240 V 1PH)	93646-002 STANDARD 93646-001 (WITH PREALARMS & REMOTE ANNUNCIATION)	93651 (12VDC PRIOR TO PRE-ALARM) 93651-1 (12VDC W / PRE-ALARM) 93651-2 (12VDC W/O PRE-ALARM)	
AP575000 PRIOR TO 1992	CHRYSLER 318 ALL FUEL	MICRO-PROCESSOR	93648 (208/480 V 3PH) 93649 (208/240 V 3PH) 93650 (120/240 V 1PH)	93646-002 STANDARD 93646-001 (WITH PREALARMS & REMOTE ANNUNCIATION)	93651 (12VDC PRIOR TO PRE-ALARM) 93651-1 (12VDC W / PRE-ALARM) 93651-2 (12VDC W/O PRE-ALARM)	
AP575000 1992 THRU 1994	CHRYSLER 318 ALL FUEL	MICRO-PROCESSOR	99011-1 (208/480 V 3PH) 99011-2 (208/240 V 3 Ph) 99011-3 (120/240V 1PH)	99009	93651-2	

GENERATOR MODEL #	DESCRIPTION	TYPE CONTROL	AC WIRING DIAGRAM	DC WIRING DIAGRAM & SCHEMATIC	ENGINE CONNECTION DIAGRAM	
S35CDS	CUMMINS 4B3.9	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	95344-11 95343-11 95342-11	
S45CGS	CHRYSLER LH-318	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	96702-1 96702-2 96702-3	
S50CDS	CUMMINS 4BT3.9	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	95344-11 95343-11 95342-11	
S70FGS	FORD LSG-875	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	96702-1 96702-2 96702-3	
S80CDS	CUMMINS 6BT5.9-G1	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	95344-11 95343-11 95342-11	
S85FGS	FORD LSG-875T	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	96702-1 96702-2 96702-3	
S100CDS	CUMMINS 6BT5.9-G2	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	95344-11 95343-11 95342-11	
S150HDS	WHITE D4800TAH	MICRO-PROCESSOR	94997A1 Voltages Reconnectable Link Board	94996-10 94996-11 94996-12	95344-11 95343-11 95342-11	