

2005 ELECTRICAL SCHEMATICS

P32/L18 Chassis

NAVIGATING THE SCHEMATICS

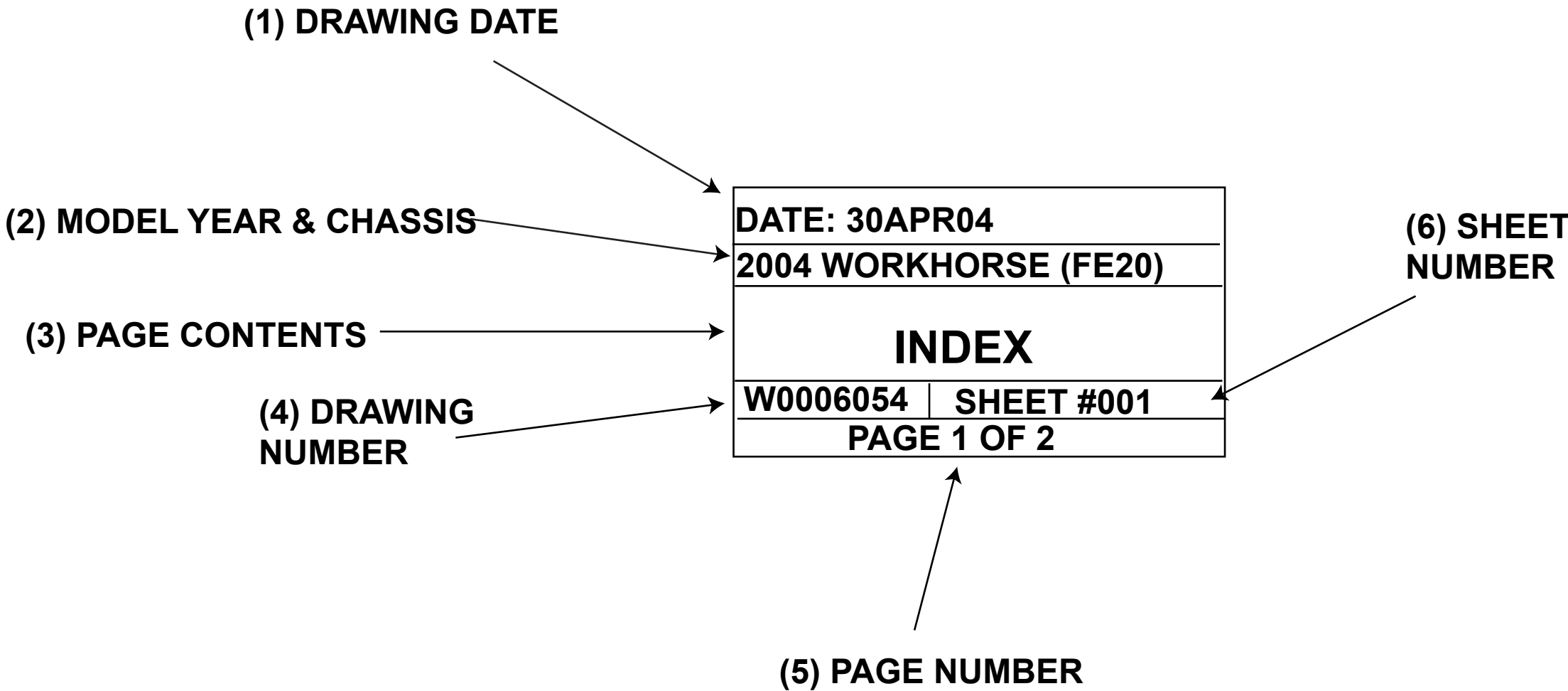
The format of the 2004 Electrical Schematics have changed from previous versions. This new style is easy to use and easy to read.

To find a schematic. First go to the Index page for the vehicle being serviced. Next, scan down the Sheet Name Column to the section for the chassis area desired. Move across the page to the right noting the Page Number of the Sheet Contents. Refer to the "Sheet Identification" instructions below for further information.

SHEET IDENTIFICATION

In the lower right corner of each page is the sheet identification box. The box provides the following information:

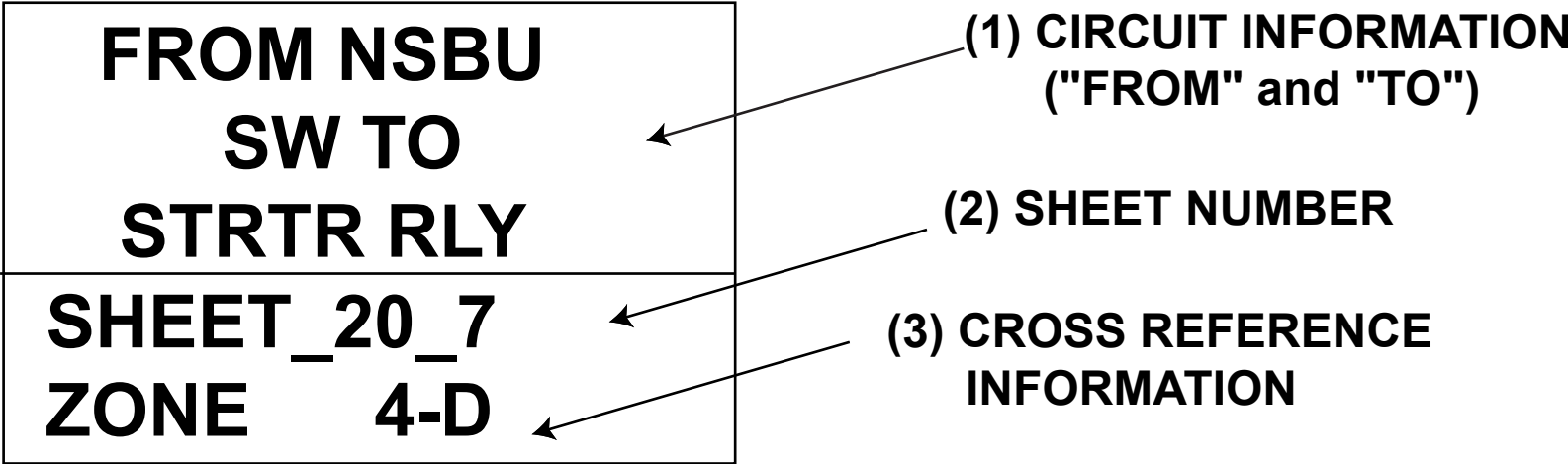
- (1) The date the drawing was released.
- (2) The model year and chassis.
- (3) Contents of the page, ie. Index, Power distribution, Powertrain, etc.
- (4) Drawing number
- (5) The page number of the total pages in the specific section.
- (6) Sheet number


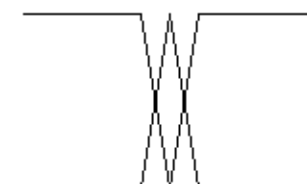

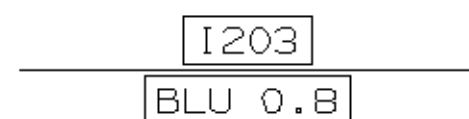
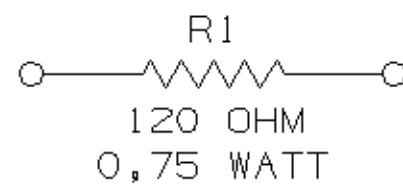


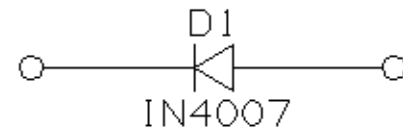





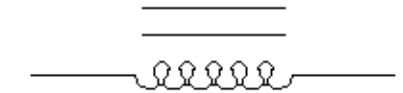

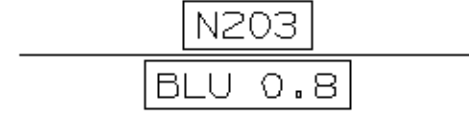

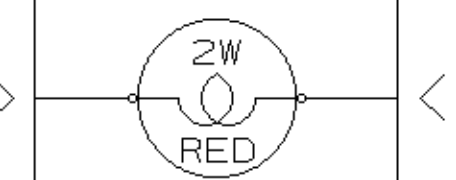
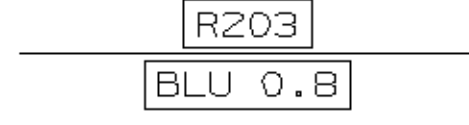
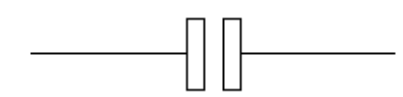
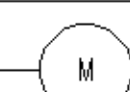


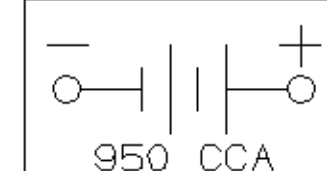

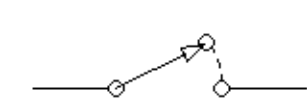


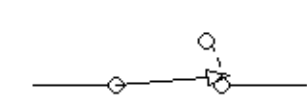
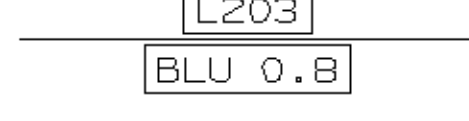

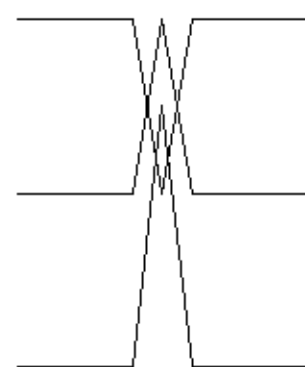
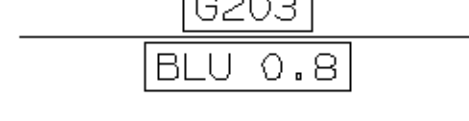
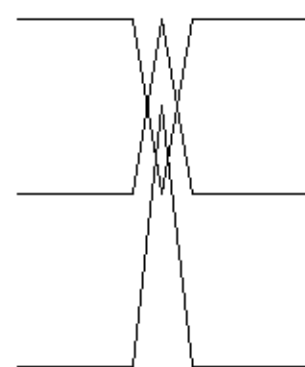


When a circuit continues on a elsewhere on the same page or on a different page, navigation boxes are used to guide you to the proper point. The Navigation Box contains:

- (1) Specific information as to the path of the circuit.
- (2) The sheet & page number the circuit continues on.
- (3) Coordinates to help you locate the continuation of the circuit.

Use the coordinates like those on a road map to zero in on the proper point. In the example below, first refer to Sheet 20 - Page 7. Then go across the top or bottom of the page until you reach Row 4. Finally go down the page to Row D to locate the circuit continuation.



		11	10	9	8	7	◇	6	5	4	3	2	1	
H	LEGEND													H
	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION								
		ENG HARN WIRE INFORMATION		TWISTED PAIR		FUSE BLOCK BUSS								
G		I/P HARN WIRE INFORMATION		RESISTOR		RING TERMINAL								
		CHAS HARN WIRE INFORMATION		DIODE	<div>ALWAYS HOT 10 AMP IGN A FUSE AA</div> 	FUSE								
F		I/P EXTN HARN WIRE INFORMATION		INDUCTOR COIL OR WINDING		<div>INLINE TO RH PAGE CON SHEET_001_2 ZONE 7-D</div> 	LH PAGE CONNECTION							
		DRIVE AWAY HARN WIRE INFORMATION		SOLENOID	<div>INLINE TO LH PAGE CON SHEET_001_2 ZONE 6-E</div> 		RH PAGE CONNECTION							
E		I/P CNTR HARN WIRE INFORMATION		WIRE SPLICE		<div>LH SIDE MARKER LAMP X</div> 	LIGHT							
◇		REAR LP HARN WIRE INFORMATION		RELAY CONTACTS (NORMALLY OPEN)	<div>ENG COOL</div>  <div>FAN MOTOR X</div>		MOTOR							
D		CLEAN POWER HARN WIRE INFORMATION		RELAY COIL WITH SUPPRESSION RESISTOR		<div>BATTERY X</div> 	BATTERY							
		BAT CABLE WIRE INFORMATION		NORMALLY OPEN SWITCH			VARIABLE RESISTOR OR SENSOR							
C		START CABLE WIRE INFORMATION		NORMALLY CLOSED SWITCH		<div>C000 ENG A1</div> <div>C001 I/P A1</div> <div>C000 ENG A1</div> <div>C001 I/P A1</div>	INLINE CONNECTOR							
B		FUEL EXTN HARN WIRE INFORMATION		CASE GROUND OR INTERNAL GROUND			TWISTED PAIR SHIELD							
A		GRID HEATER HARN WIRE INFORMATION		TWISTED PAIR SHIELD		<div>OPTION C000 ENG A1</div> <div>OPTION C000 ENG A1</div> <div>C001 I/P A1</div>								
		11	10	9	8	7	◇	6	5	4	3	2	1	

WIRE INFORMATION	
203	
BLU 0.8	

METRIC GAUGE	ENGLISH GAUGE
0.35	22
0.5	20
0.8	18
1.0	16
2.0	14
3.0	12
5.0	10
8.0	8
13.0	6
19.0	4
32.0	2
40.0	1
50.0	0
62.0	2/0
81.0	3/0

DATE : 07MAY04
2005 WORKHORSE (P32L18)

LEGENDS

W0006461 | SHEET #001
PAGE 2 OF 2

WIRE INFORMATION

203
BLU 0.8

METRIC GAUGE	ENGLISH GAUGE
0.35	22
0.5	20
0.8	18
1.0	16
2.0	14
3.0	12
5.0	10
8.0	8
13.0	6
19.0	4
32.0	2
40.0	1
50.0	0
62.0	2/0
81.0	3/0

CONNECTOR REFERENCE NUMBER ZONES

FORWARD LAMP (FWD LP)
12109854 &EJ6/EK0/EK3&HPR/8T2-Z49-5K1
12109856 &EJ2&EJ6/EK0/EK3&8D5-Z49-5K1
12109857 &EJ6/EK0/EK3&Z49&8D5#&EJ6/EK0/EK3&5K1&8D5
12109858 &EJ6/EK0/EK3-HPR-Z49-5K1-8D5-8T2
12109859 &EJ6/EK0/EK3&Z49-HPR-8D5-8T2#&EJ6/EK0/EK3&5K1-HPR-8D5-8T2
W0004843 &EJ6/EK0/EK3&HPR/8T2&Z49#&EJ6/EK0/EK3&HPR/8T2&5K1

ENGINE (ENG)
W0005050 &L18&MNB&J72
W0006235 &L18&MNB-J72

BATTERY CABLES (POS) (NEG)
15765184 &L18
15311553 &L18

CHASSIS (CHAS)
W0005052 &L18 (314)
W0005053 &L18 (318)
W0005054 &L18 (319)
W0005055 &L18 (320)
W0005056 &L18 (321)

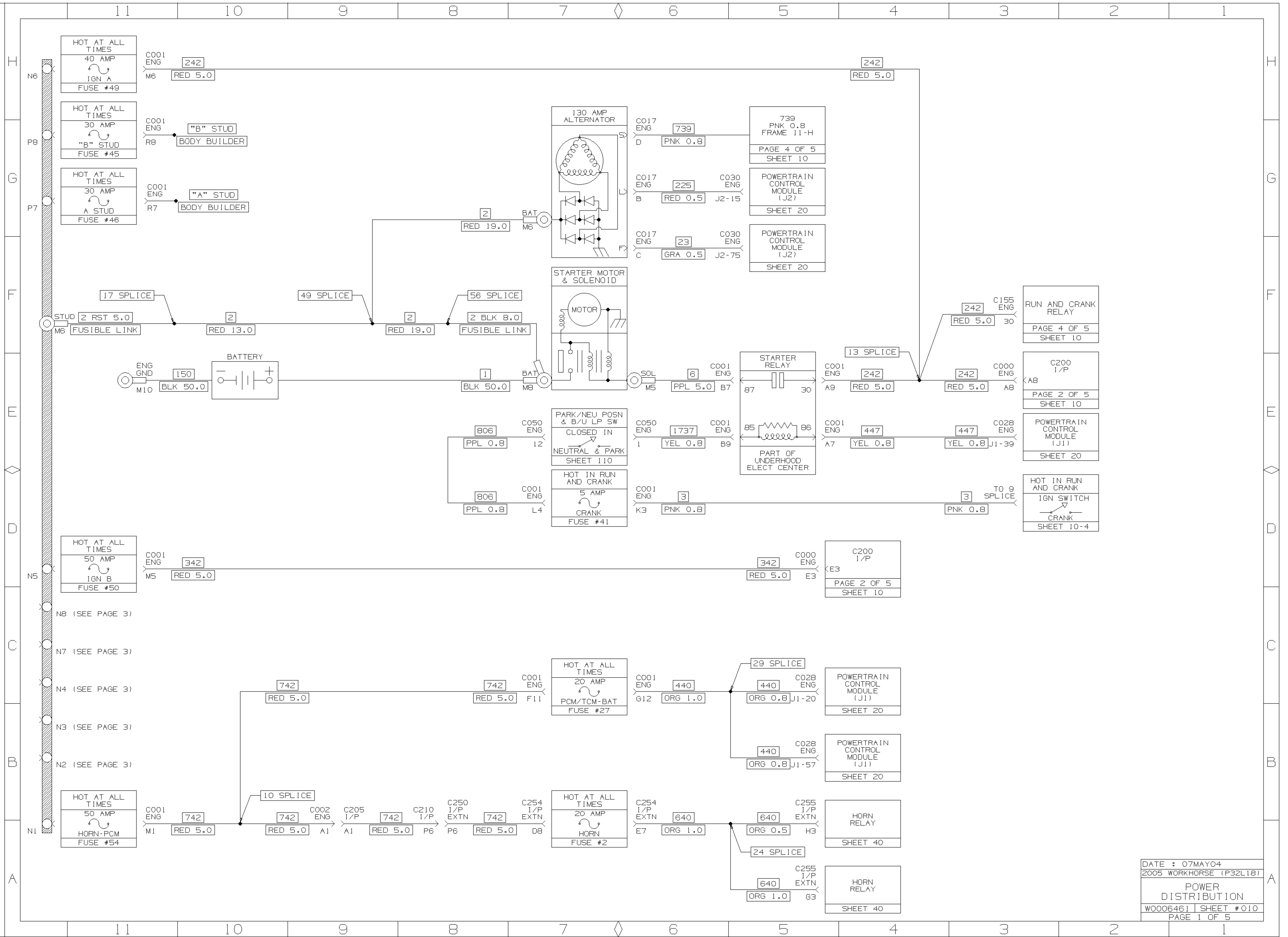
TAIL AND STOP LAMP (TAIL)
15323193 &L18-RHO
15323194 &L18&RHO

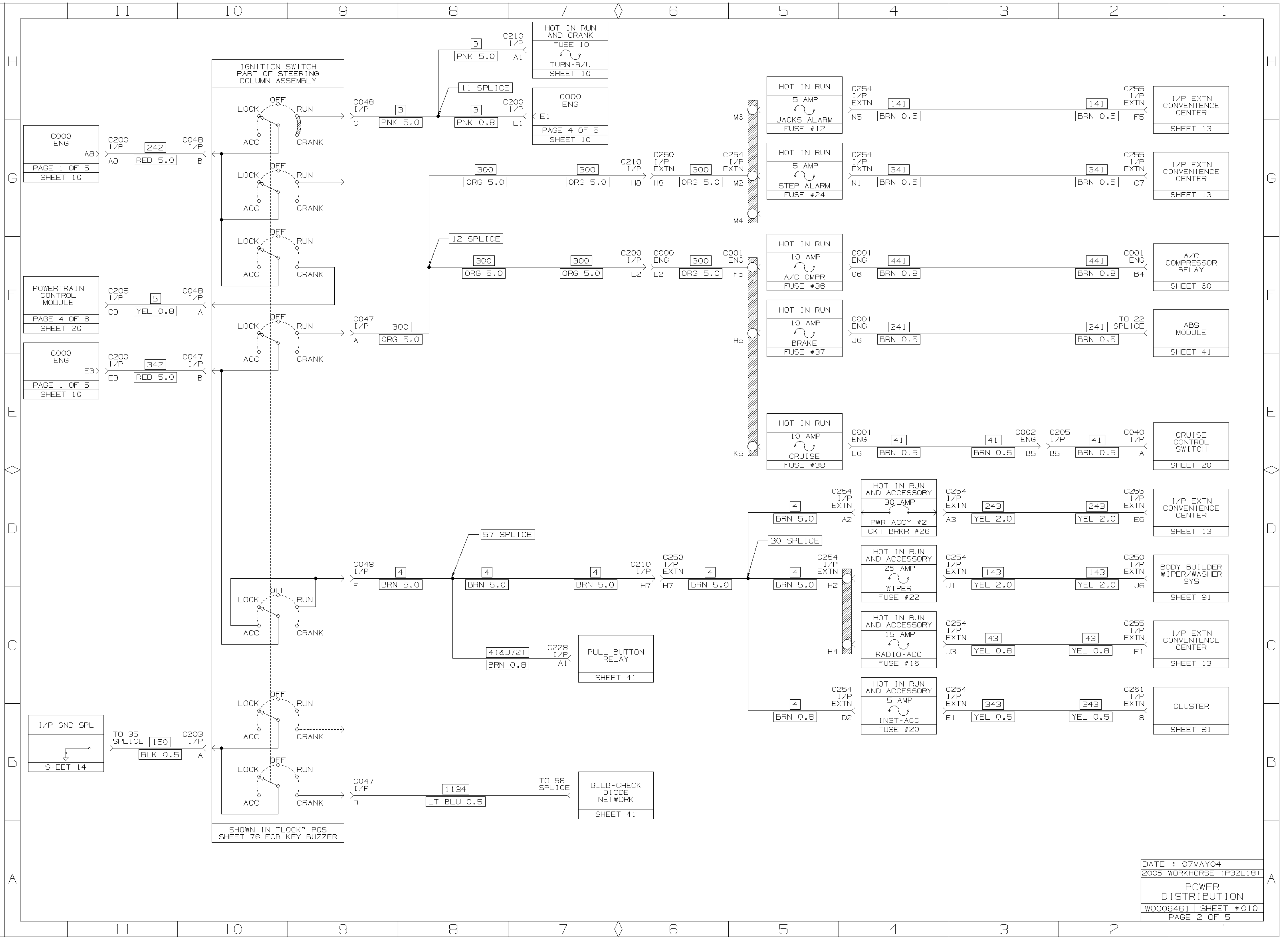
INSTRUMENT PANEL (I/P)
W0005047 &L18&J72
W0006241 &L18-J72

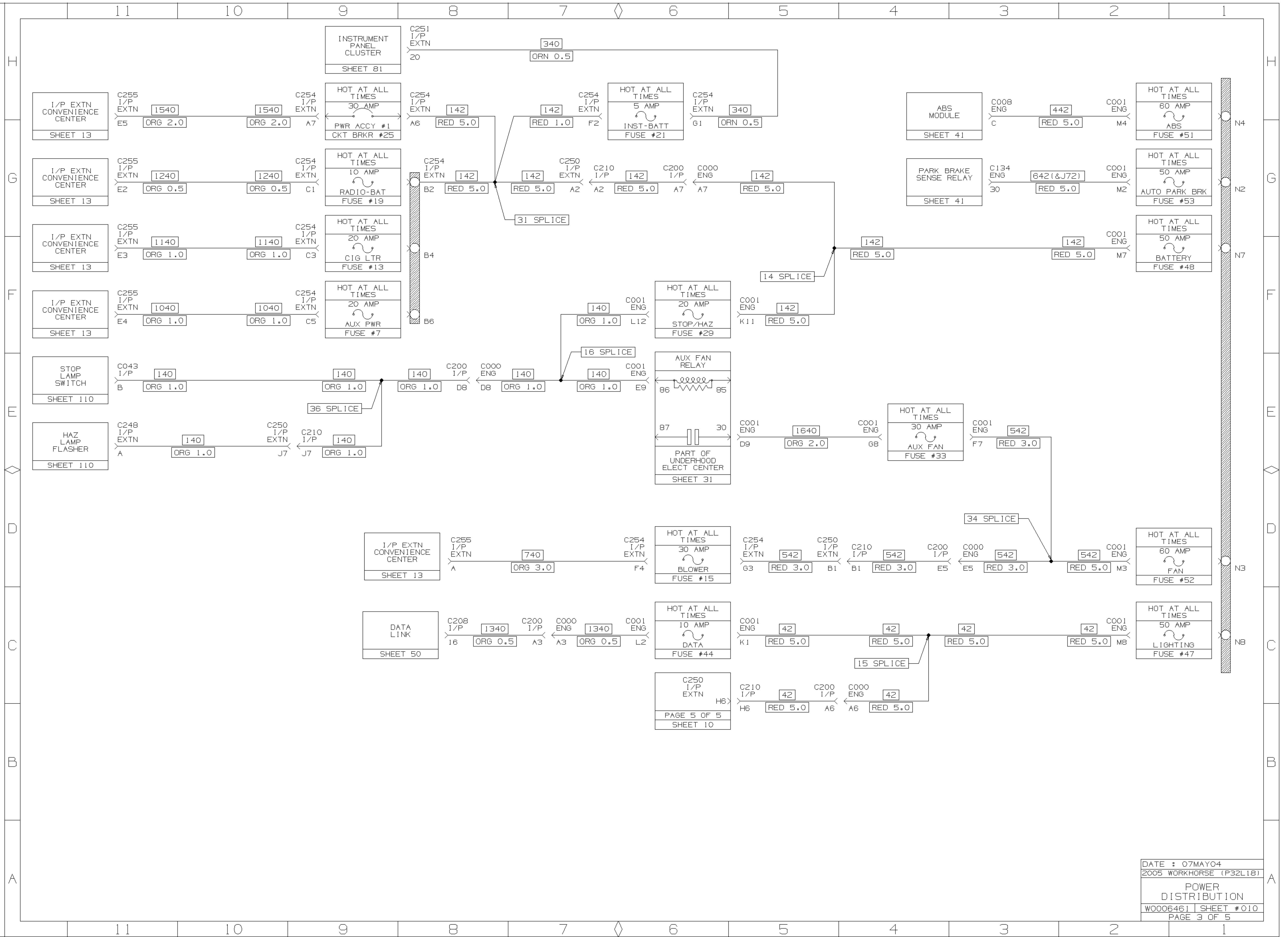
I/P EXTENSION (I/P EXTN)
W0006243 &L18&Z49-J72#&L18&5K1-J72
W0006244 &L18-Z49-5K1-J72
W0005048 &L18&MNB-Z49-5K1&J72
W0005049 &L18&MNB&Z49&J72#&L18&MNB&5K1&J72

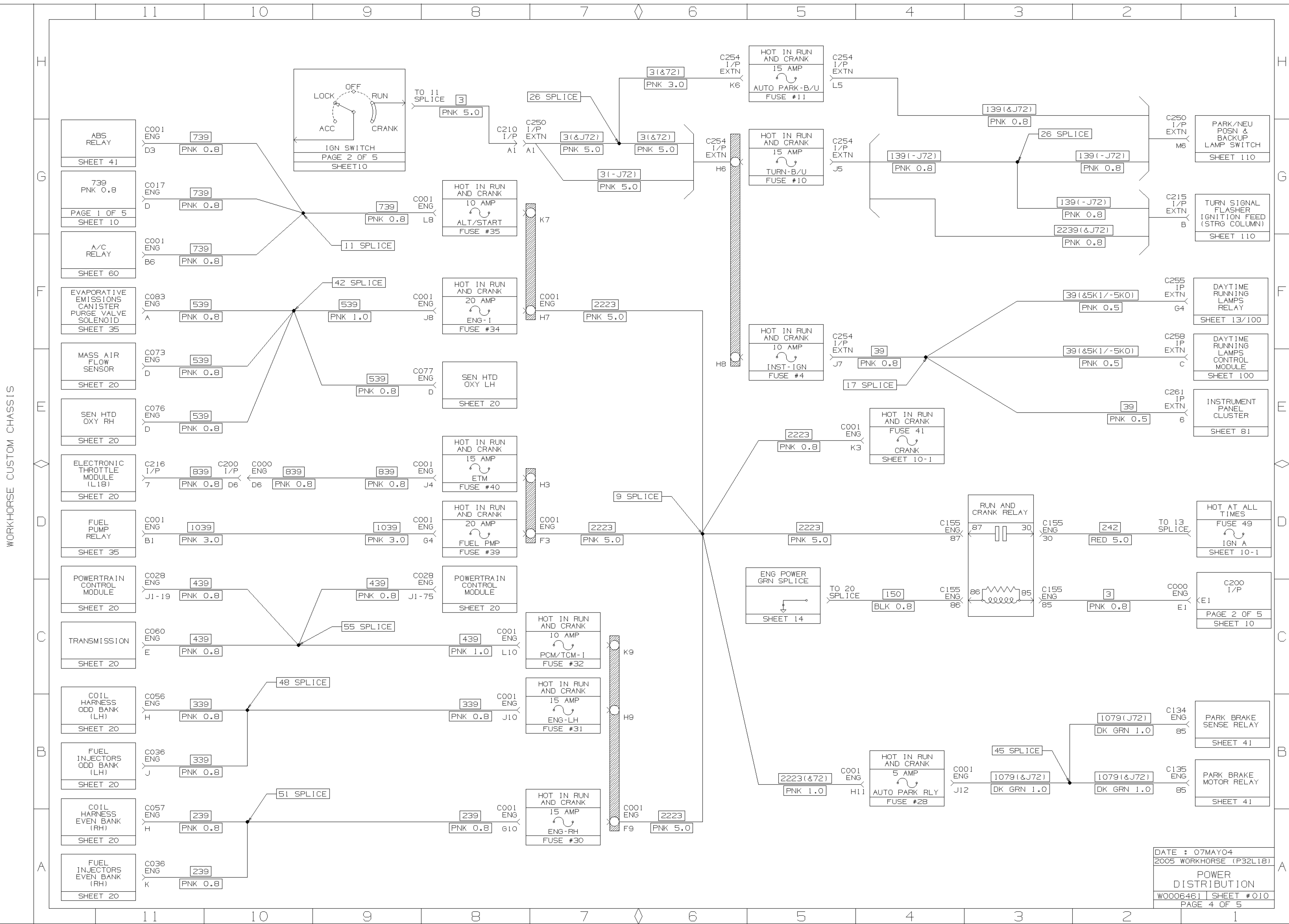
GND STRAP
08913010 &L18

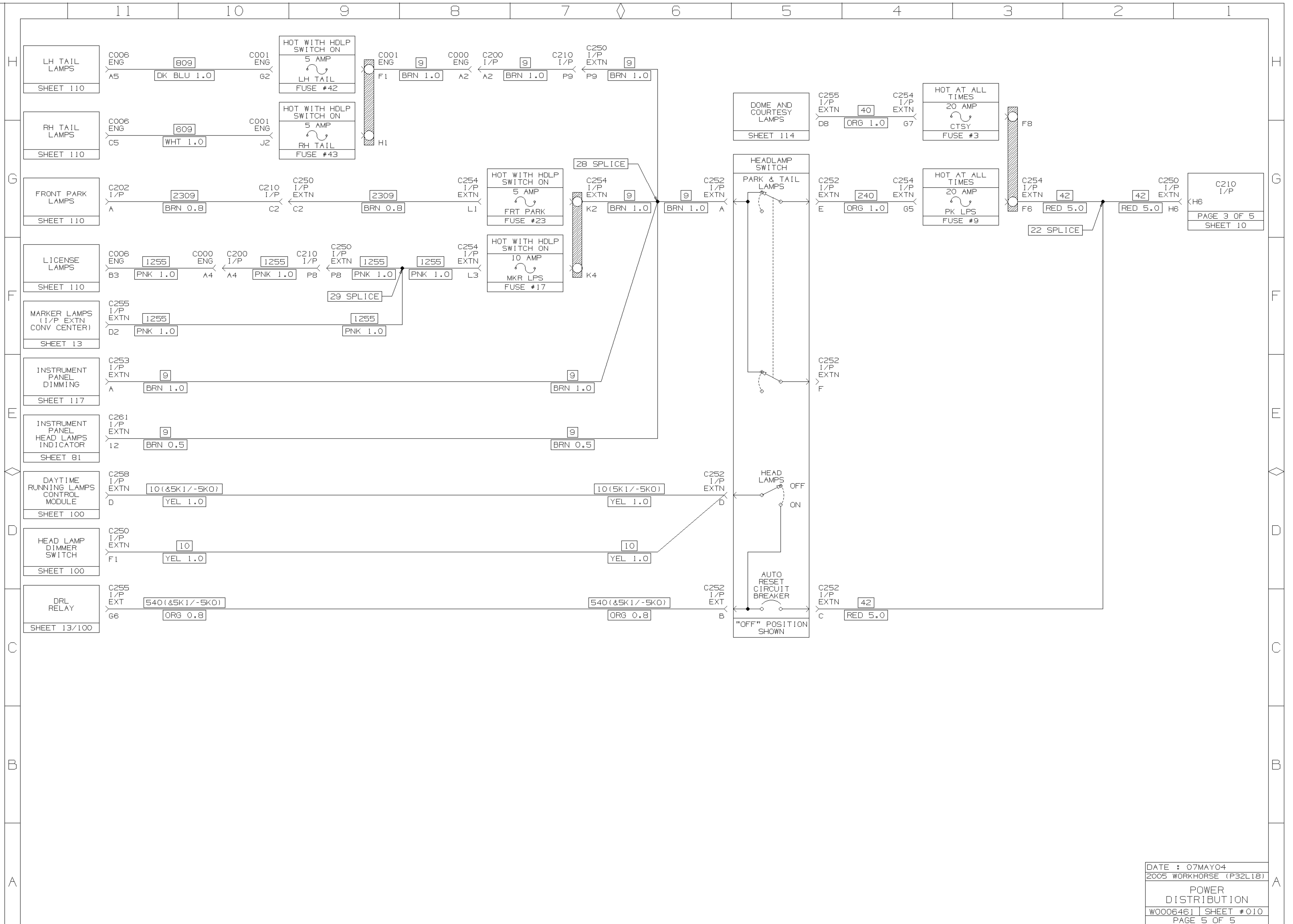
FUEL GND STRAP
W0002747 &L18/L31/L65
FUEL FILLER GND STRAP
12153362 &L18

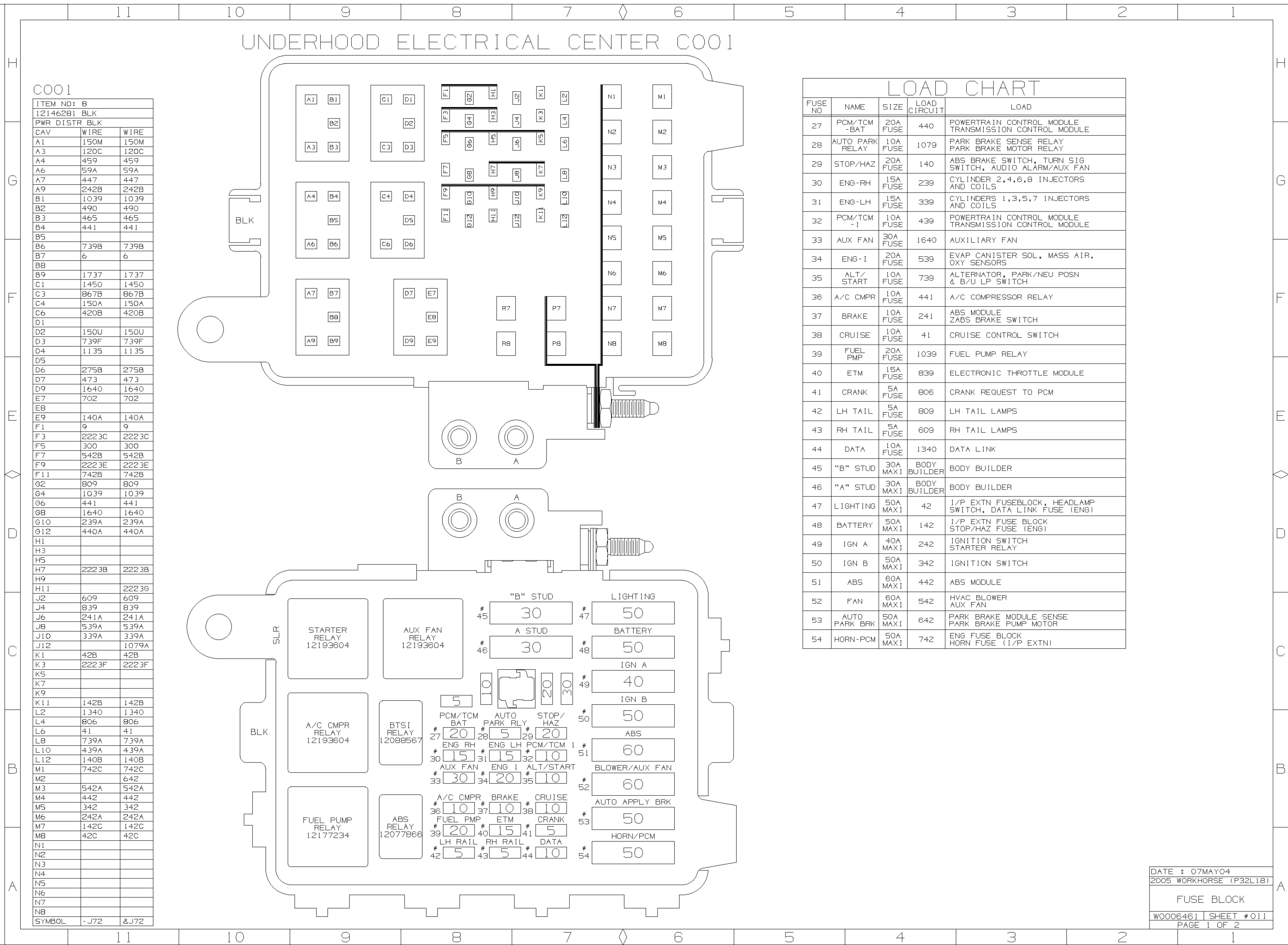












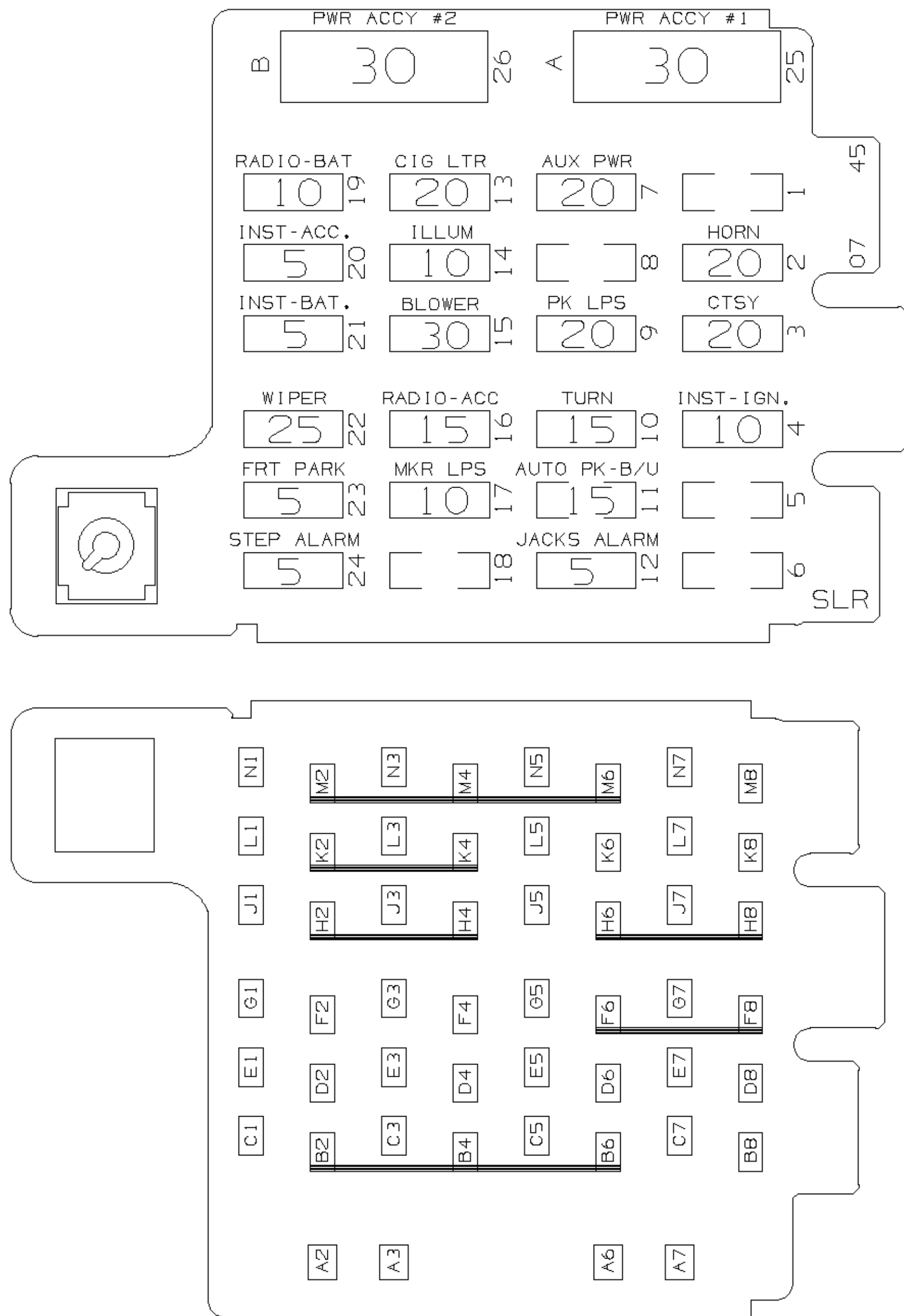
LOAD CHART

FUSE NO	NAME	SIZE	LOAD CIRCUIT	LOAD
27	PCM/TCM -BAT	20A FUSE	440	POWERTRAIN CONTROL MODULE TRANSMISSION CONTROL MODULE
28	AUTO PARK RELAY	10A FUSE	1079	PARK BRAKE SENSE RELAY PARK BRAKE MOTOR RELAY
29	STOP/HAZ	20A FUSE	140	ABS BRAKE SWITCH, TURN SIG SWITCH, AUDIO ALARM/AUX FAN
30	ENG-RH	15A FUSE	239	CYLINDER 2,4,6,8 INJECTORS AND COILS
31	ENG-LH	15A FUSE	339	CYLINDERS 1,3,5,7 INJECTORS AND COILS
32	PCM/TCM -I	10A FUSE	439	POWERTRAIN CONTROL MODULE TRANSMISSION CONTROL MODULE
33	AUX FAN	30A FUSE	1640	AUXILIARY FAN
34	ENG-I	20A FUSE	539	EVAP CANISTER SOL, MASS AIR, OXY SENSORS
35	ALT/ START	10A FUSE	739	ALTERNATOR, PARK/NEU POSN & B/U LP SWITCH
36	A/C CMPR	10A FUSE	441	A/C COMPRESSOR RELAY
37	BRAKE	10A FUSE	241	ABS MODULE ZABS BRAKE SWITCH
38	CRUISE	10A FUSE	41	CRUISE CONTROL SWITCH
39	FUEL PMP	20A FUSE	1039	FUEL PUMP RELAY
40	ETM	15A FUSE	839	ELECTRONIC THROTTLE MODULE
41	CRANK	5A FUSE	806	CRANK REQUEST TO PCM
42	LH TAIL	5A FUSE	809	LH TAIL LAMPS
43	RH TAIL	5A FUSE	609	RH TAIL LAMPS
44	DATA	10A FUSE	1340	DATA LINK
45	"B" STUD	30A MAXI	BODY BUILDER	BODY BUILDER
46	"A" STUD	30A MAXI	BODY BUILDER	BODY BUILDER
47	LIGHTING	50A MAXI	42	I/P EXTN FUSEBLOCK, HEADLAMP SWITCH, DATA LINK FUSE (ENG)
48	BATTERY	50A MAXI	142	I/P EXTN FUSE BLOCK STOP/HAZ FUSE (ENG)
49	IGN A	40A MAXI	242	IGNITION SWITCH STARTER RELAY
50	IGN B	50A MAXI	342	IGNITION SWITCH
51	ABS	60A MAXI	442	ABS MODULE
52	FAN	60A MAXI	542	HVAC BLOWER AUX FAN
53	AUTO PARK BRK	50A MAXI	642	PARK BRAKE MODULE SENSE PARK BRAKE PUMP MOTOR
54	HORN-PCM	50A MAXI	742	ENG FUSE BLOCK HORN FUSE (I/P EXTN)

C254

ITEM NO: 11		
12110746 BLK		
FUSE BLK		
CAV	WIRE	WIRE
A2	4C	4C
A3	243	243
A6	142B	142B
A7	1540	1540
B2	142A	142A
B4		
B6		
B8		
C1	1240	1240
C3	1140	1140
C5	1040	1040
C7		
D2	4E	4E
D4	44	44
D6		
D8	742	742
E1	343	343
E3	8A	8A
E5		
E7	640A	640A
F2	142E	142E
F4	740	740
F6	42B	42B
F8		
G1	340A	340A
G3	542	542
G5	240	240
G7	40	40
H2	4B	4B
H4		
H6	3	3B
H8		
J1	143	143
J3	43	43
J5	2239	2239
J7	39A	39A
K2	9C	9C
K4		
K6		3C
K8		
L1	2309	2309
L3	1255C	1255C
L5		139
L7		
M2	300	300
M4		
M6		
M8		
N1	341	341
N3		
N5	141	141
N7		
SYMBOL	- J72	&J72

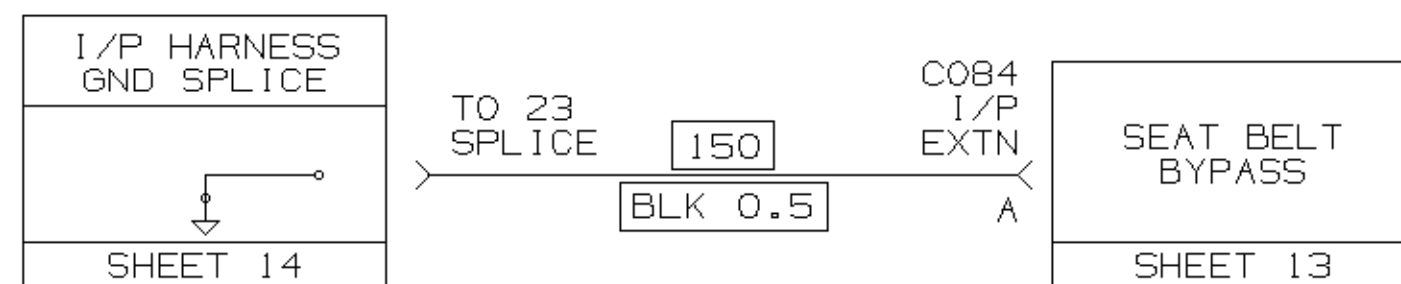
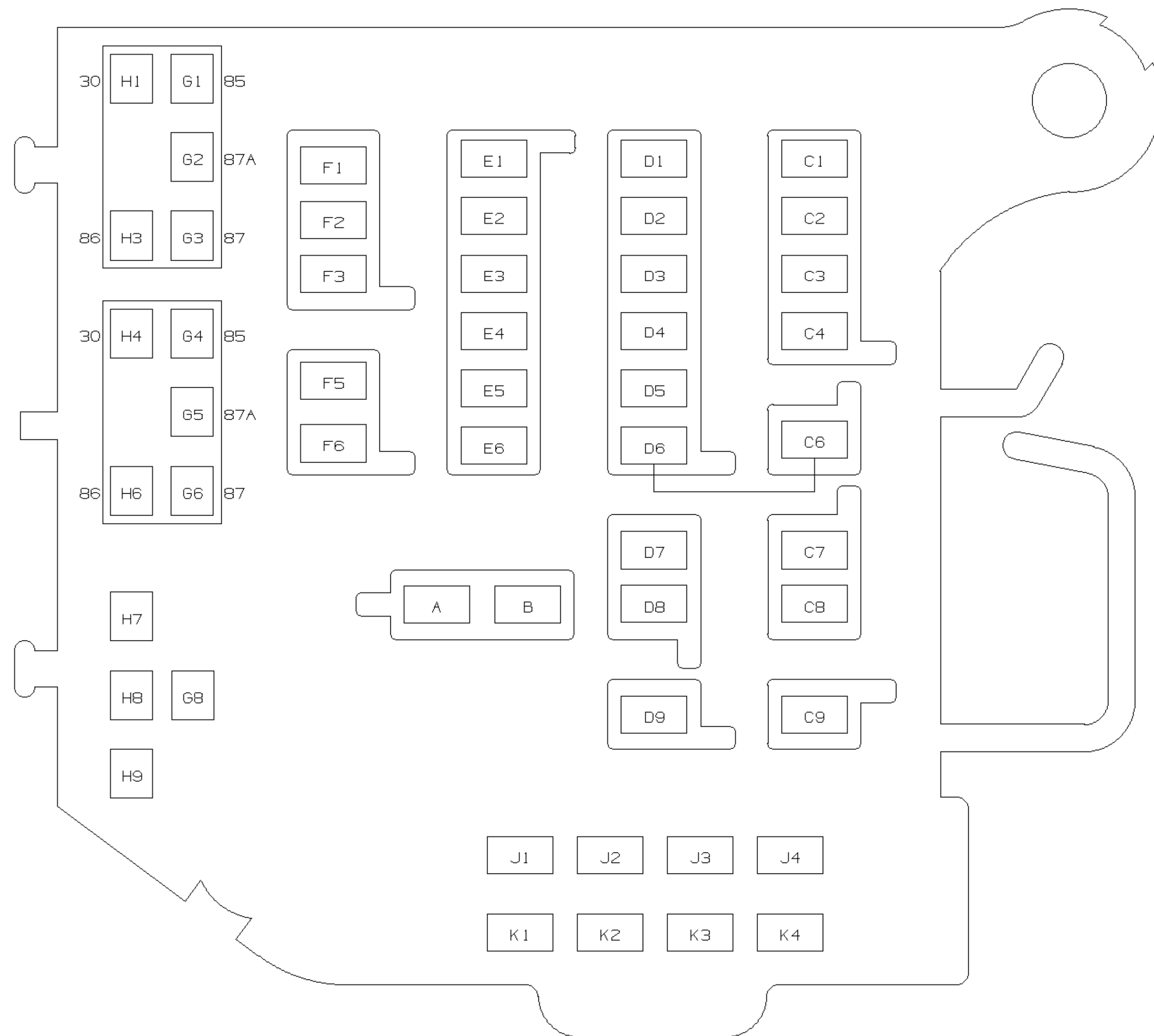
I/P EXTN FUSE BLOCK



I/P EXTN FUSE BLOCK
LOAD CHART

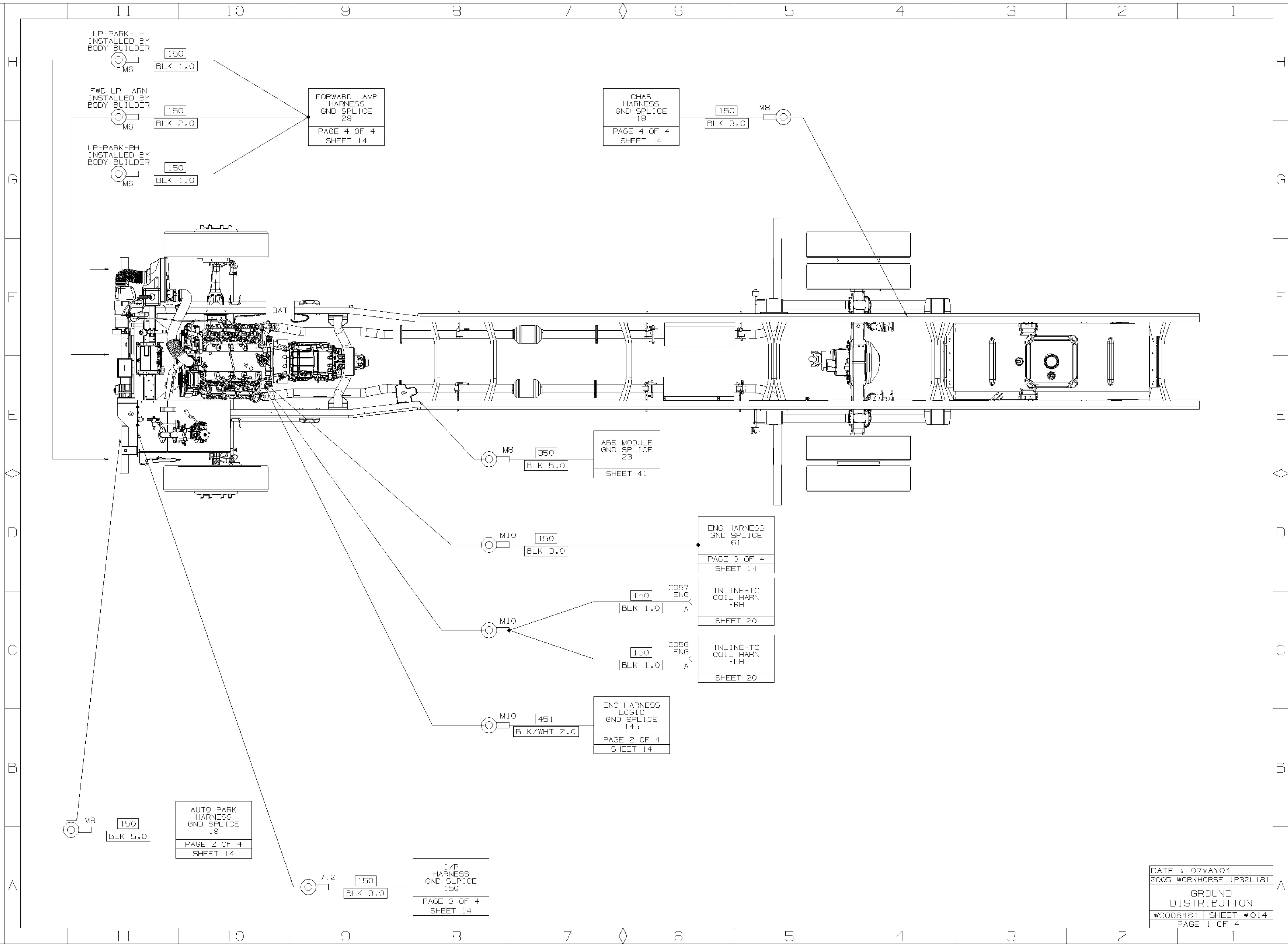
FUSE NO	NAME	SIZE	LOAD CIRCUIT	LOAD
1	OPEN			
2	HORN	20A FUSE	640	HORN RELAY
3	CTSY	20A FUSE	40	DOVE & COURTESY LAMPS (BODY BUILDER)
4	INST-IGN	10A FUSE	39	DRL RELAY, DRL CONTROL MODULE, CLUSTER, AUDIO ALARM
5	OPEN			
6	OPEN			
7	AUX PWR	20A FUSE	1040	BODY BUILDER
8	OPEN			
9	PK LPS	20A FUSE	240	HEADLAMP SWITCH (PARK, MARKER AND TAIL LAMPS)
10	TURN	15A FUSE	2239	TURN SIGNAL SWITCH
11	AUTO PARK - B/U	15A FUSE	139	PARK/NEU POSN & B/U LAMP SWITCH, PARK BRAKE MODULE
12	JACKS ALARM	5A FUSE	141	JACKS ALARM
13	CIG LTR	20A FUSE	1140	CIG LIGHTER (BODY BUILDER)
14	ILLUM	10A FUSE	8	I/P CLUSTER, AUDIO ALARM, BODY BUILDER FEED
15	BLOWER	30A FUSE	740	HVAC BLOWER AUX FAN
16	RADIO-ACC	15A FUSE	43	BODY BUILDER RADIO
17	MKR LPS	10A FUSE	1255	LICENSE LAMPS BODY BUILDER MARKER LPS
18	OPEN			
19	RADIO-BAT	10A FUSE	1240	BODY BUILDER RADIO
20	INST-ACC	5A FUSE	343	INSTRUMENT CLUSTER & CHECK TIRE SYSTEM
21	INST-BAT	5A FUSE	340	INSTRUMENT CLUSTER & CHECK TIRE SYSTEM
22	WIPER	25A FUSE	143	BODY BUILDER WIPERS
23	FRT PARK	5A FUSE	2309	FRONT PARK LAMPS
24	STEP ALARM	5A FUSE	341	STEP ALARM
25	PWR ACCY #1	30A BRKR	1540	BODY BUILDER
26	PWR ACCY #2	30A BRKR	243	BODY BUILDER

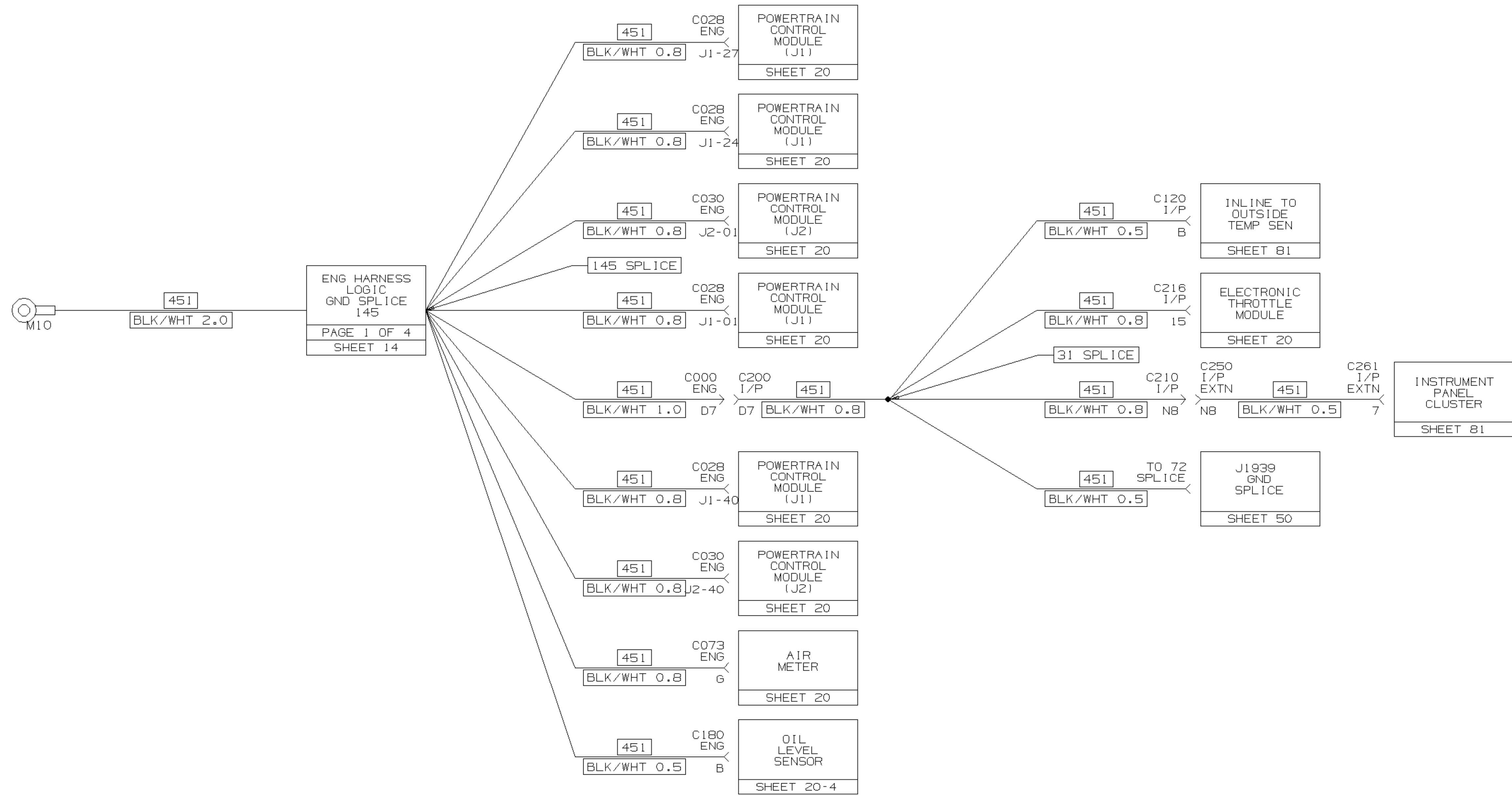
C255
I/P EXTN CONVENIENCE CENTER



NOTE: CONNECT C084 PIN A TO C255 PIN D9

I/P EXTN CONVENIENCE CENTER				
CAVITY	CIRCUIT	FUNCTION	REF. SHEET	COMPONENT
A	740	BODY BUILDER BLOWER	10	MATES WITH 12129939
B	-	-	-	
C1	-	-	-	
C2	1317	FOG LP. RELAY GRD(Z49/-5K0)	100	MATES WITH 12033704
C3	534	HIGH IDLE	20	
C4	-	-	-	
C6	150	GROUND	14	MATES WITH 12015202
C7	341	STEP ALARM	10	MATES WITH 12034341
C8	745	DOOR AJAR	81	
C9	275	PARK ACCESSORY	110	
D1	8	PANEL DIMMER SWITCH	117	MATES WITH 12110747
D2	1255	MARKER LAMPS	10	
D3	24	BACKUP LPS (CAMERA FEED)	110	
D4	235	IGNITION SWITCH BULB CHECK	41	
D5	29	HORN RELAY OUTPUT	40	
D6	BUS TO C6	GROUND	14	
D7	156	DOME LAMP SWITCH (TO GROUND)	114	MATES WITH 12034577
D8	40	COURTESY/DOME LAMP FEED	114	
D9	234	SEAT BELT	81	
E1	43	RADIO-ACC FEED	10	MATES WITH 15324788
E2	1240	RADIO-BAT FEED	10	
E3	1140	CIG LTR FEED	10	
E4	1040	AUX PWR FEED	10	
E5	1540	PWR ACCY #1 FEED	10	
E6	243	PWR ACCY #2 FEED	10	
F1	-	-	-	MATES WITH 12110777
F2	-	-	-	
F3	-	-	-	
F5	141	JACKS ALARM	10	MATES WITH 12052184
F6	17	AUX STOP FEED	110	
G1	28	HORN RELAY	40	HORN RELAY (12088567)
G2	-	-	-	
G3	640	HORN RELAY(Z49/-5K0)	40	DAYTIME RUNNING LAMP RELAY (12077866)
G4	39	DAYTIME RUNNING LAMPS RELAY (Z49)	10/100	
G5	150	DAYTIME RUNNING LAMPS RELAY (Z49)	14/100	
G6	540	DAYTIME RUNNING LAMPS RELAY (Z49)	10/100	HORN RELAY (12088567)
G8	-	-	-	
H1	29	HORN RELAY	40	
H3	640	HORN RELAY(Z49/-5K0)	40	DAYTIME RUNNING LAMP RELAY (12077866)
H4	593	DAYTIME RUNNING LAMPS RELAY (Z49)	100	
H6	592	DAYTIME RUNNING LAMPS RELAY (Z49)	100	
H7	-	-	-	
H8	-	-	-	
H9	-	-	-	
J1	-	-	-	
J2	-	-	-	
J3	-	-	-	
J4	-	-	-	
K1	-	-	-	
K2	-	-	-	
K3	-	-	-	
K4	-	-	-	





11

10

9

8

7

6

5

4

3

2

1

H

G

F

E

D

C

B

A

H

G

F

E

D

C

B

A

M10

150
BLK 5.0

ENG HARNESS
GND SPLICE
150
PAGE 1 OF 4
SHEET 14

150
BLK 5.0

150
BLK 3.0

150
BLK 3.0

150
BLK 0.8

C050
ENG
7

PARK/NEU
POSN & B/U
LAMP SWITCH
SHEET 20/110

150(&J72)
BLK 5.0

C137
ENG
B

TO PARK BRAKE
PUMP MOTOR
SHEET 41

61 SPLICE

20 SPLICE

150
BLK 2.0

C006
ENG
B4

INLINE TO
CHAS HARN
PAGE 4 OF 4
SHEET 14

150(&J72)
BLK 1.0

C054
ENG
A

AUTO PARK
GROUND
SENSE
SHEET 41

150
BLK 0.8

C008
ENG
B

ABS
GROUND
SHEET 41

150(&J72)
BLK 1.0

C136
ENG
14

PARK BRAKE
MODULE (J72)
SYSTEM GND
SHEET 41

150
BLK 0.5

C001
ENG
C4

A/TRANS
SHIFT
LOCK CONTROL
SOL RELAY
SHEET 138

150
BLK 0.5

C001
ENG
A1

FUEL
PUMP
RELAY
SHEET 35

150
BLK 0.8

C118
ENG
B

A/C COMPR.
REFRIG.
PRESS SW
SHEET 60

150
BLK 0.8

TO 137
SPLICE

A/C COMPRESSOR
899 899
SHEET 60

150
BLK 2.0

C113
ENG
A

ENG COOL
FAN
MOTOR
SHEET 31

150
BLK 0.8

C109
ENG
A

SECONDARY
HIGH
PRESSURE
SW
SHEET 31

150
BLK 0.5

C001
ENG
D2

A/TRANS
SHIFT
LOCK CONTROL
SOL RELAY
SHEET 41

150(&J72)
BLK 0.8

C134
ENG
B6

PARK BRAKE
SENSE RELAY
SHEET 41

150
BLK 0.8

C155
ENG
B6

RUN AND CRANK
RELAY
SHEET 10

150(&5K1/-5K0)
BLK 0.8

C255
I/P
EXTN
G5

DRL
RELAY
W/249
(I/P EXTN
CONV CTR)
SHEET 13/100

150(&5K1/-5K0)
BLK 0.5

C258
I/P
EXTN
H

DAYTIME
RUNNING
LAMPS
CONTROL
MODULE
SHEET 100

150
BLK 1.0

C253
I/P
EXTN
B

I/P LAMP
DIMMER
SWITCH
SHEET 114/117

150
BLK 0.5

C251
I/P
EXTN
19

INSTRUMENT
PANEL
CLUSTER
SHEET 81

150
BLK 0.5

C084
I/P
EXTN
A

SEAT
BELT
BYPASS
SHEET 13

150
BLK 2.0

C255
I/P
EXTN
C6

I/P EXTN
CONVENIENCE
CENTER
SHEET 13

D6

23 SPLICE

C250
I/P
EXTN
B2

150
BLK 3.0

TO 20
SPLICE

DRIVE AWAY
HARNESS
GND
SHEET 210

C250
DRIVE
AWAY
B2

150
BLK 3.0

TO 20
SPLICE

C204
I/P
F

150
BLK 1.0

INLINE-TO
STRG COLUMN
HARN

C126
I/P
A

150(&J72)
BLK 0.8

PARK BRAKE
PULL SWITCH
SHEET 41

TO 160
SPLICE

150
BLK 0.8

CRUISE CNTR
PULL DOWN
899 899
SHEET 20/110

C203
I/P
A

150
BLK 0.8

STRG COL
PIGTAIL
SHEET 10

C045
I/P
B

150
BLK 0.5

A/TRANS SHFT
LOCK CONTROL
SOLENOID
SHEET 138

C712
I/P
D

150
BLK 1.0

PULSE
WIPER
CONTROL MOD
SHEET 91

35 SPLICE

C210
I/P
B2

150
BLK 3.0

150
BLK 3.0

C208
I/P
4

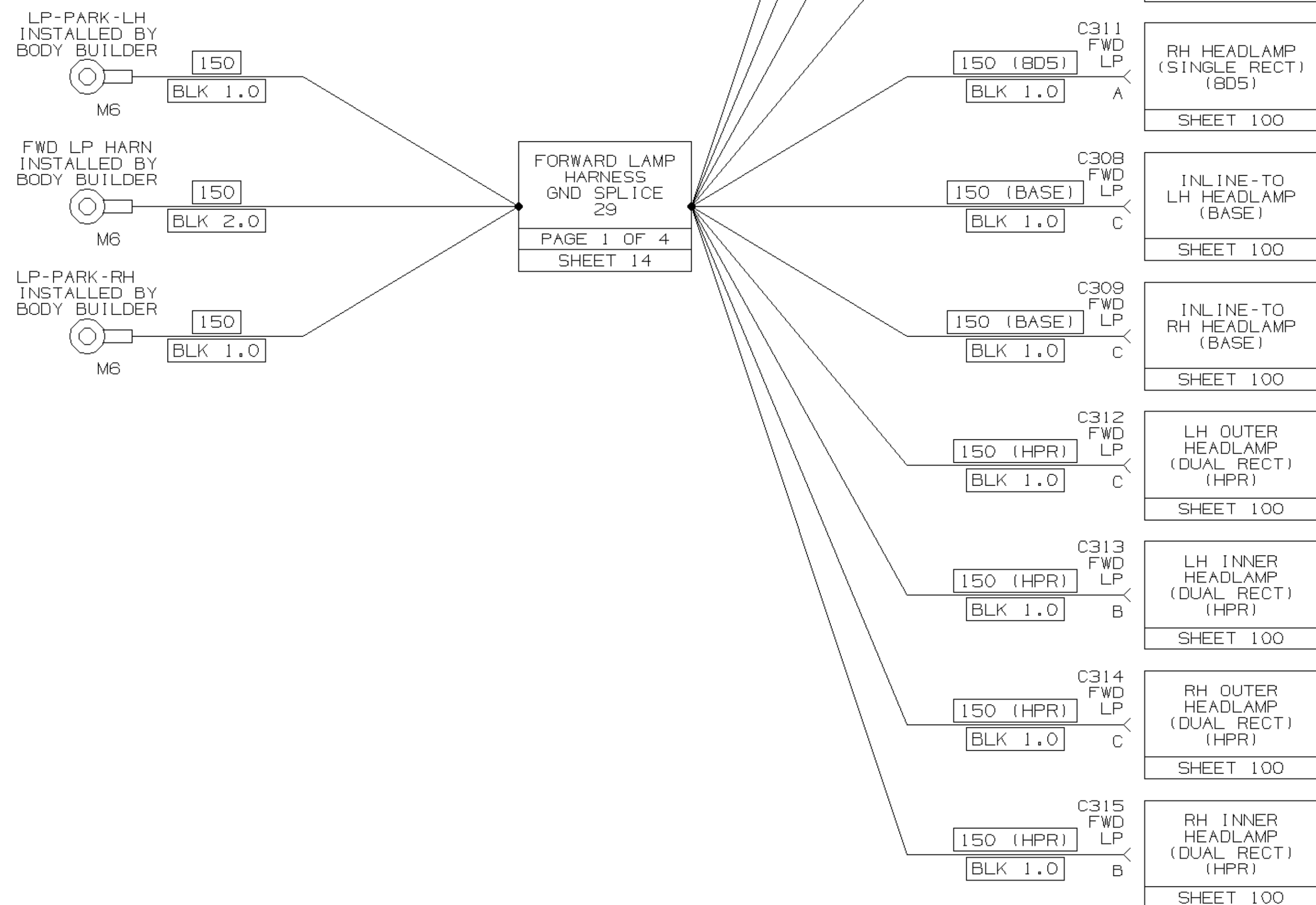
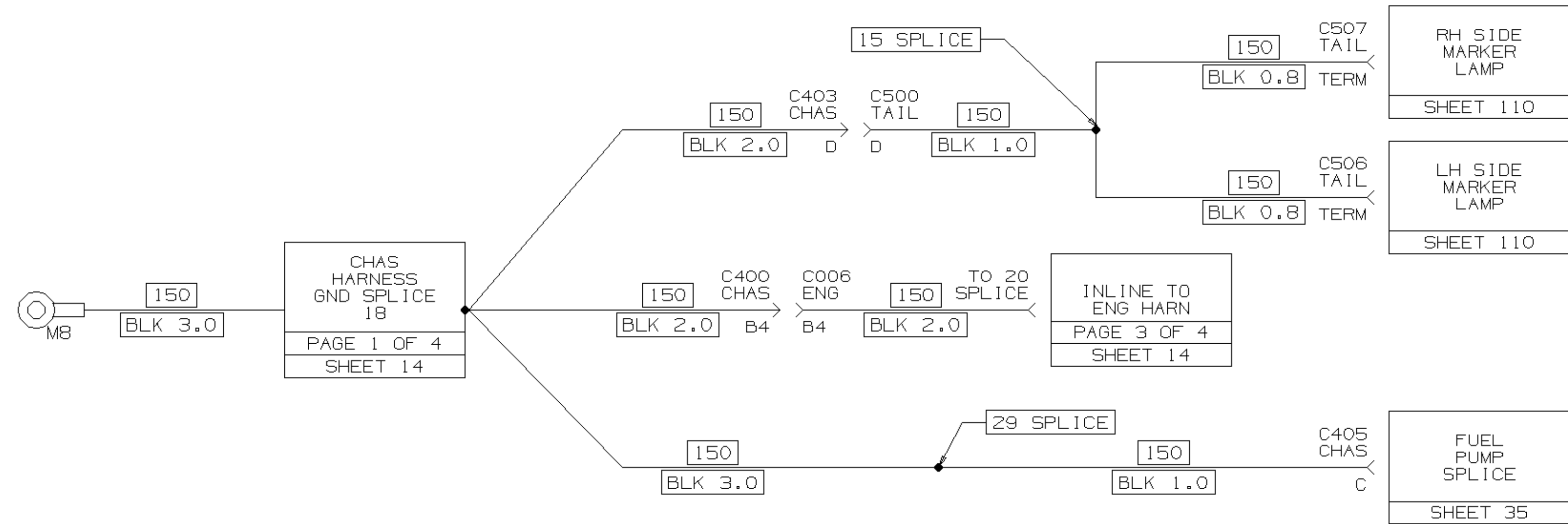
150
BLK 0.5

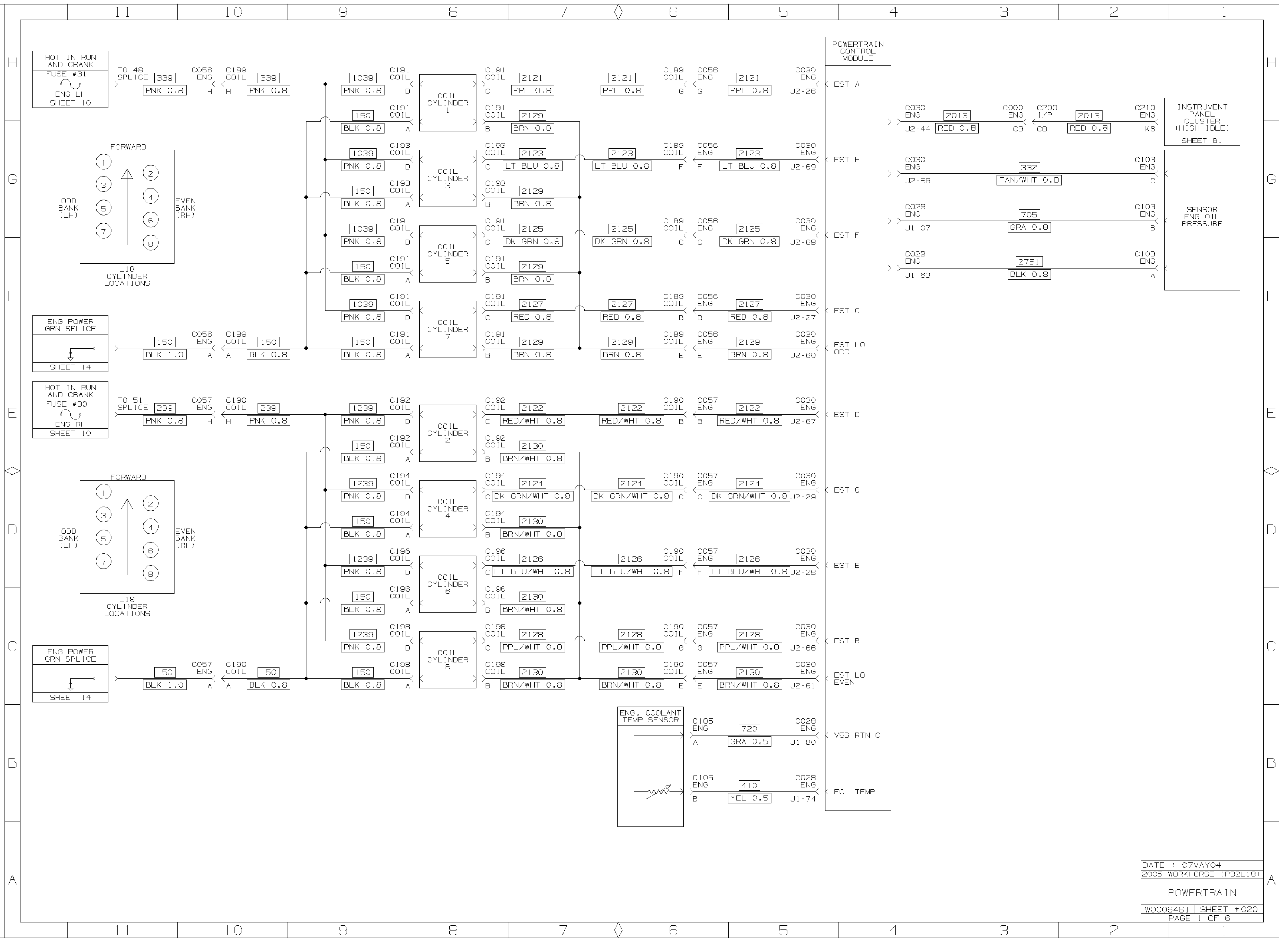
DATA
LINK
SHEET 50

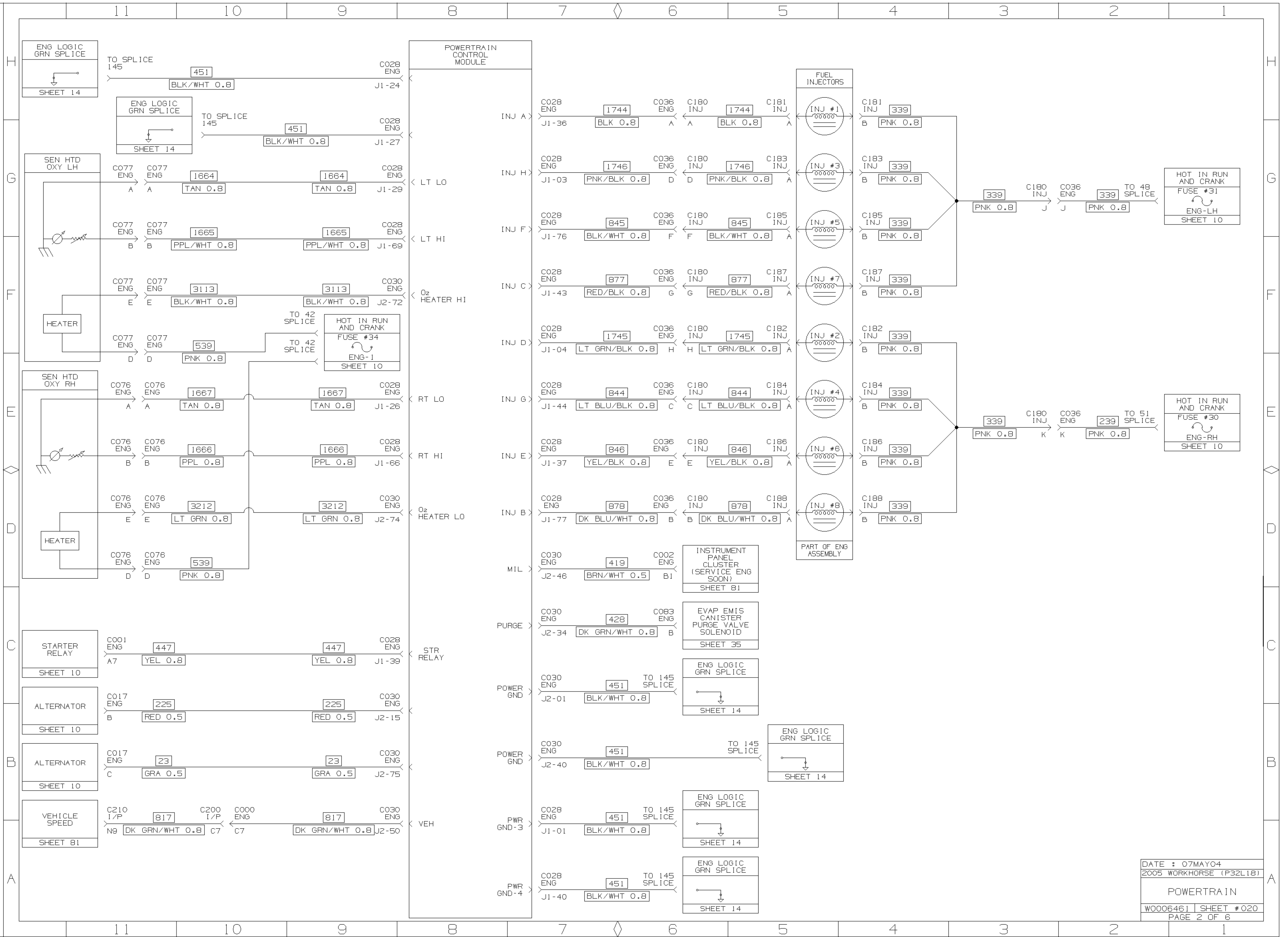
C228
I/P
A2

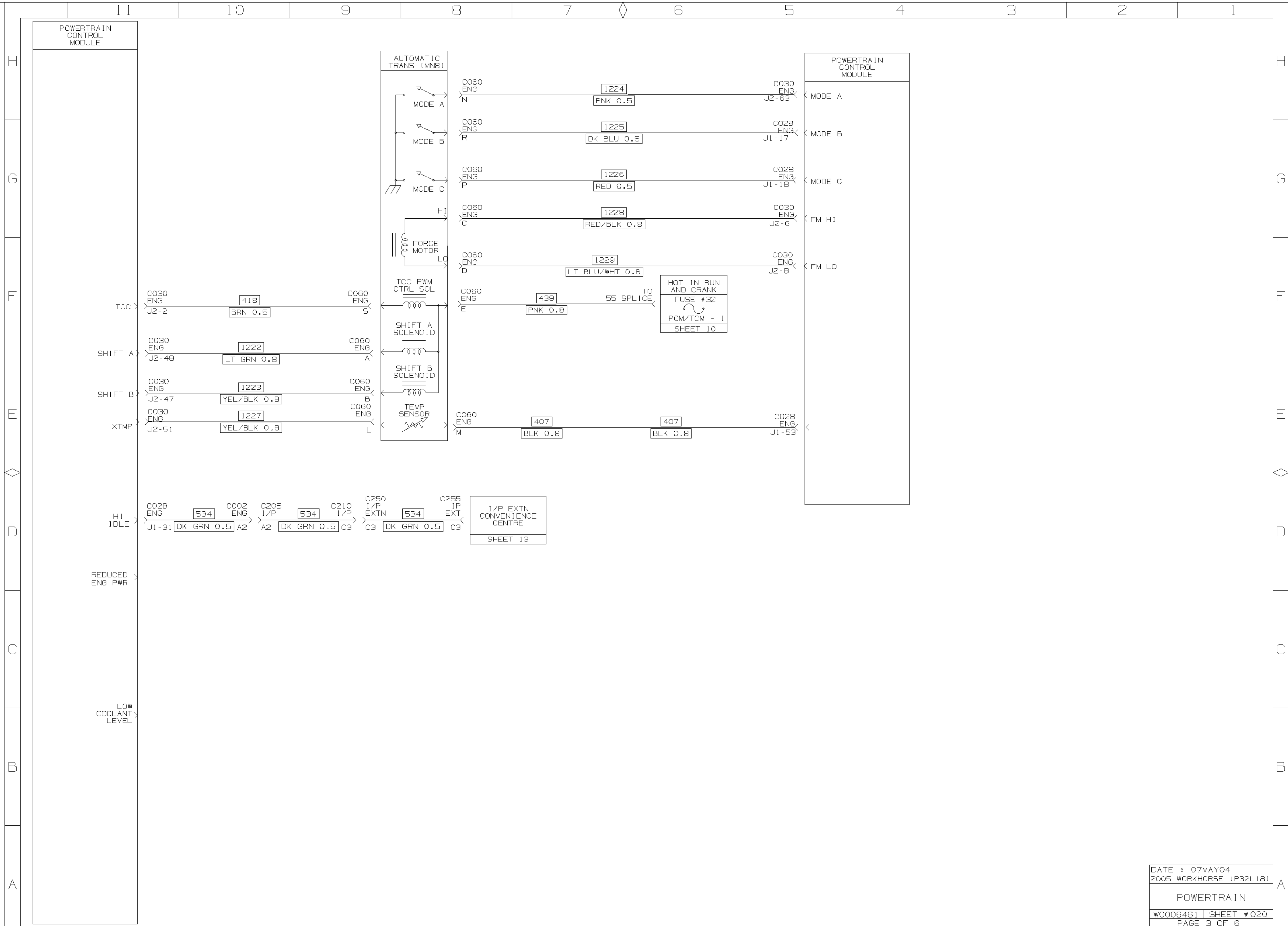
150(&J72)
BLK 0.8

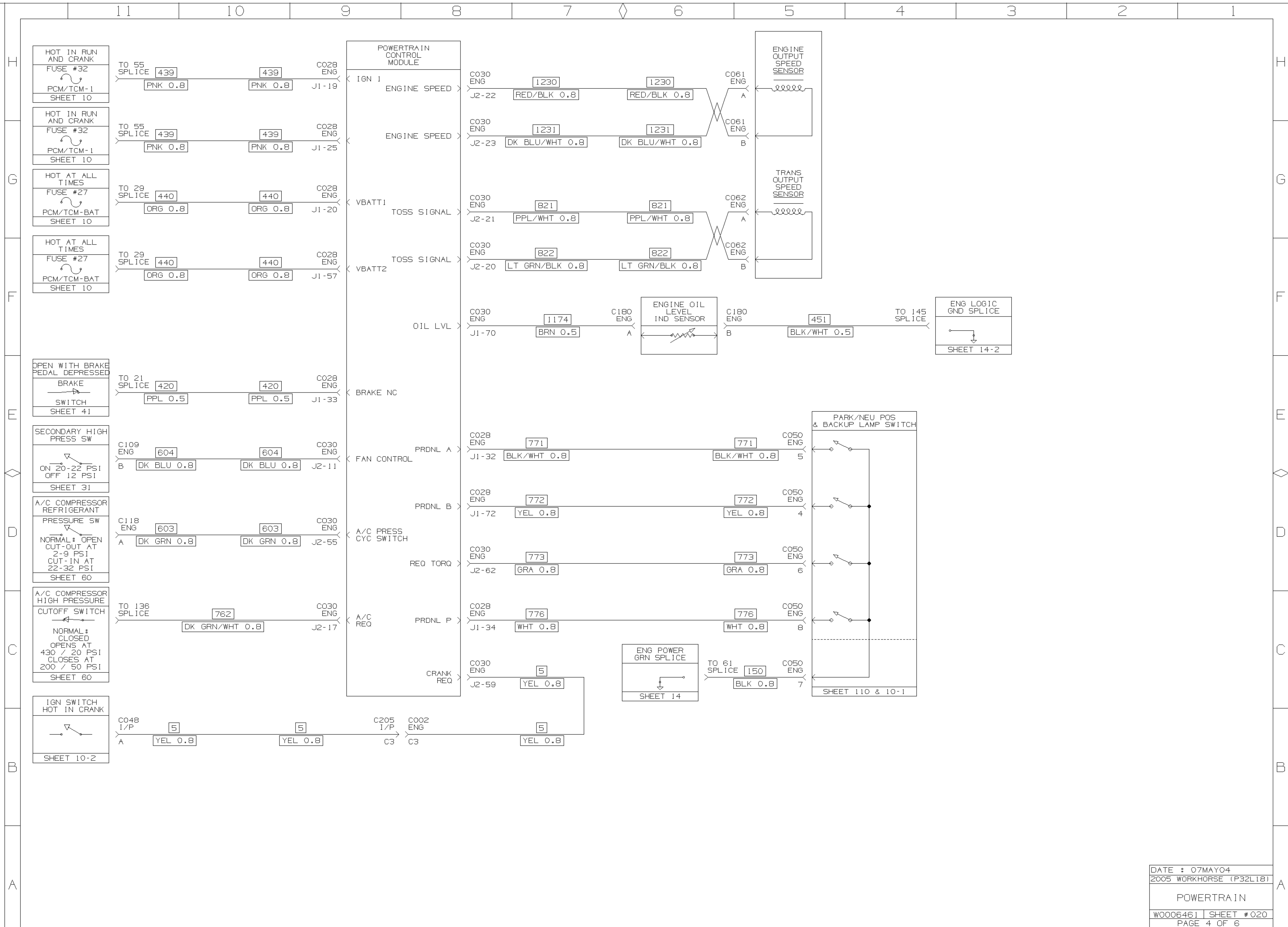
PULL BUTTON
RELAY
SHEET 41

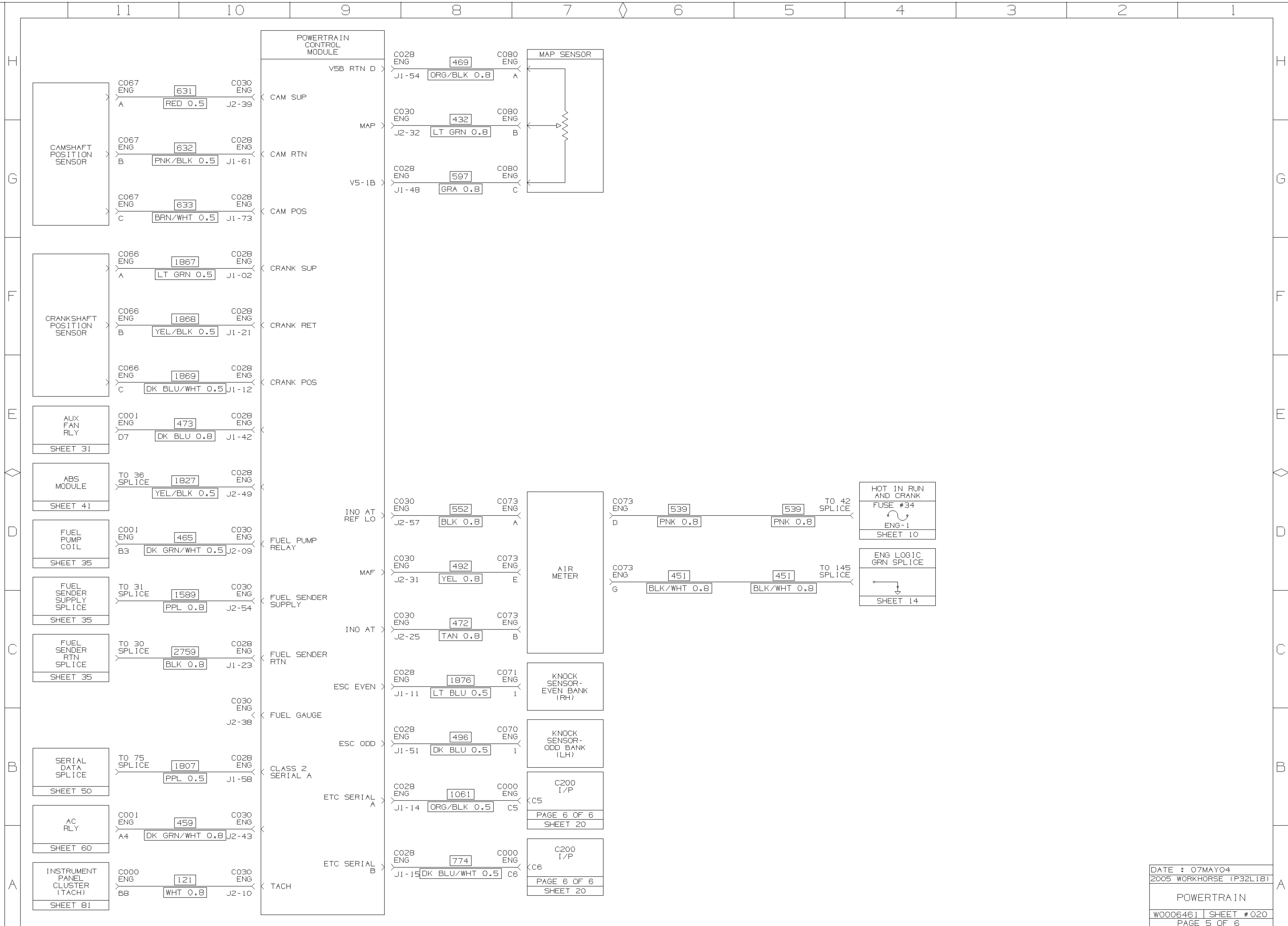


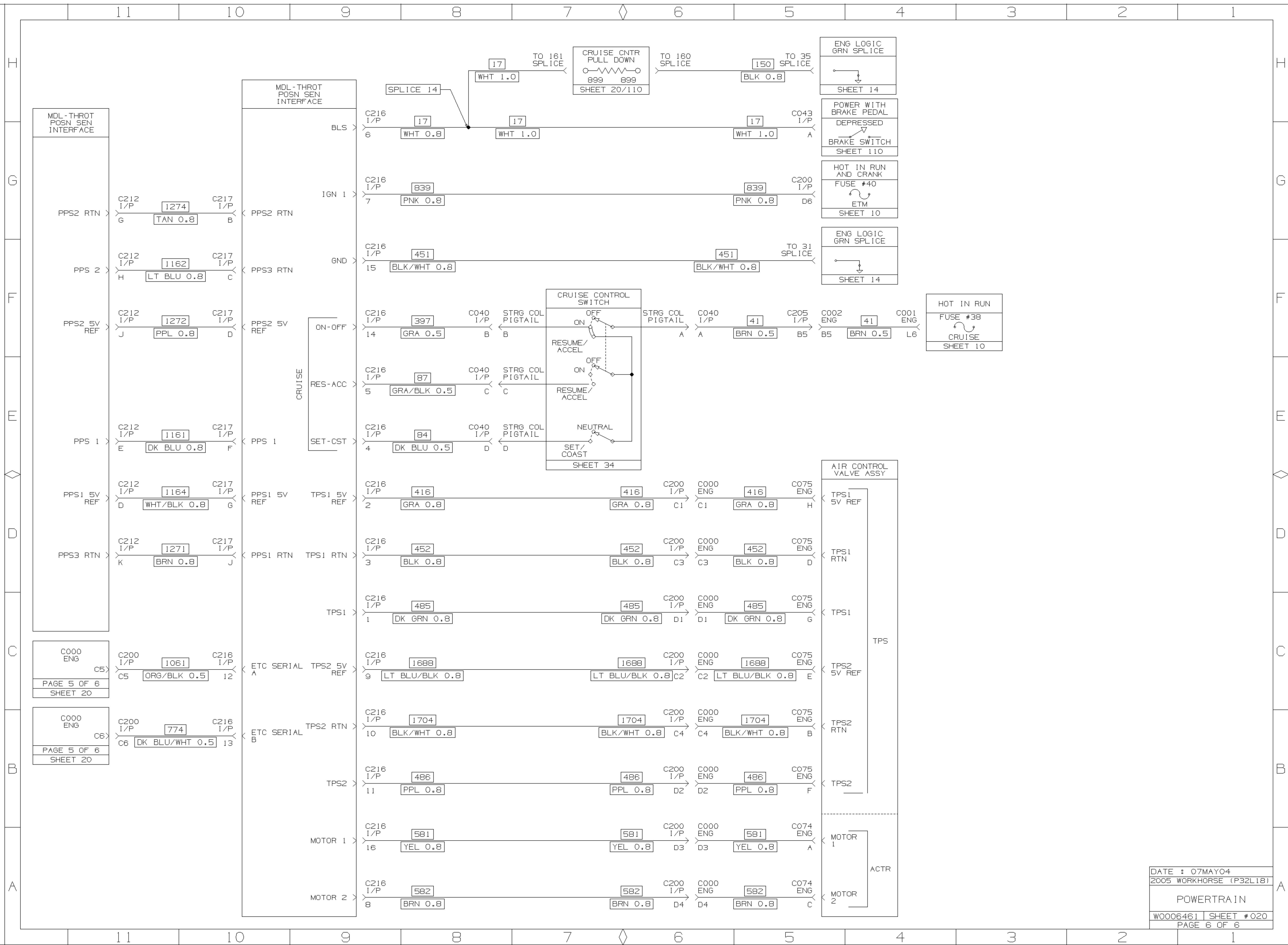


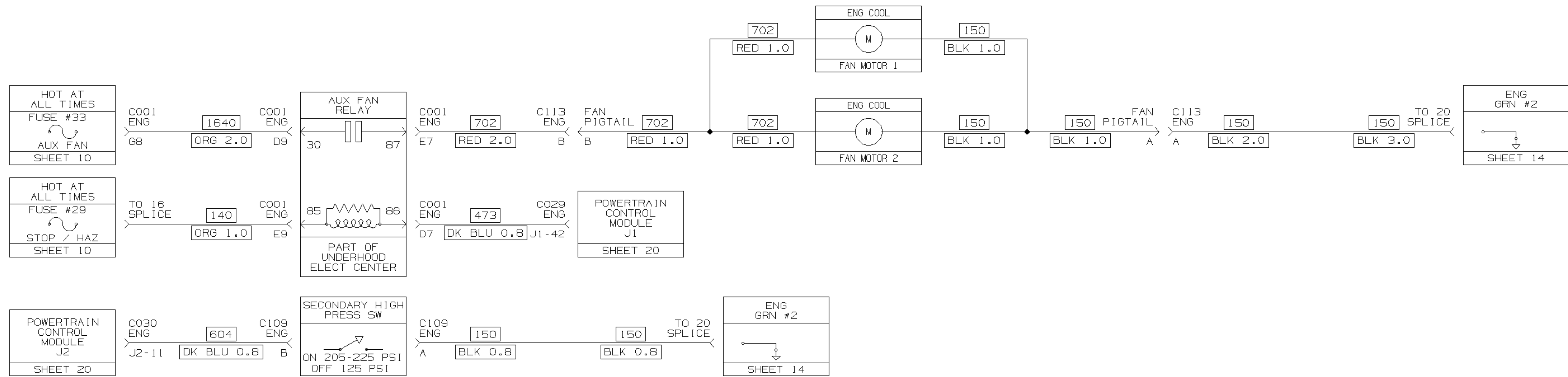


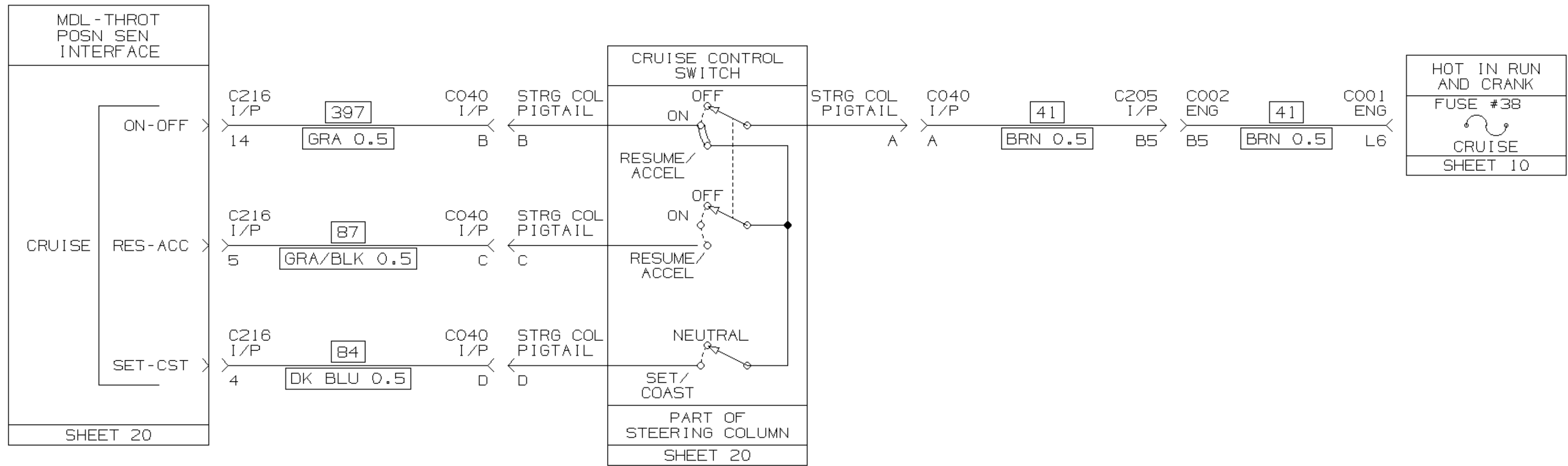


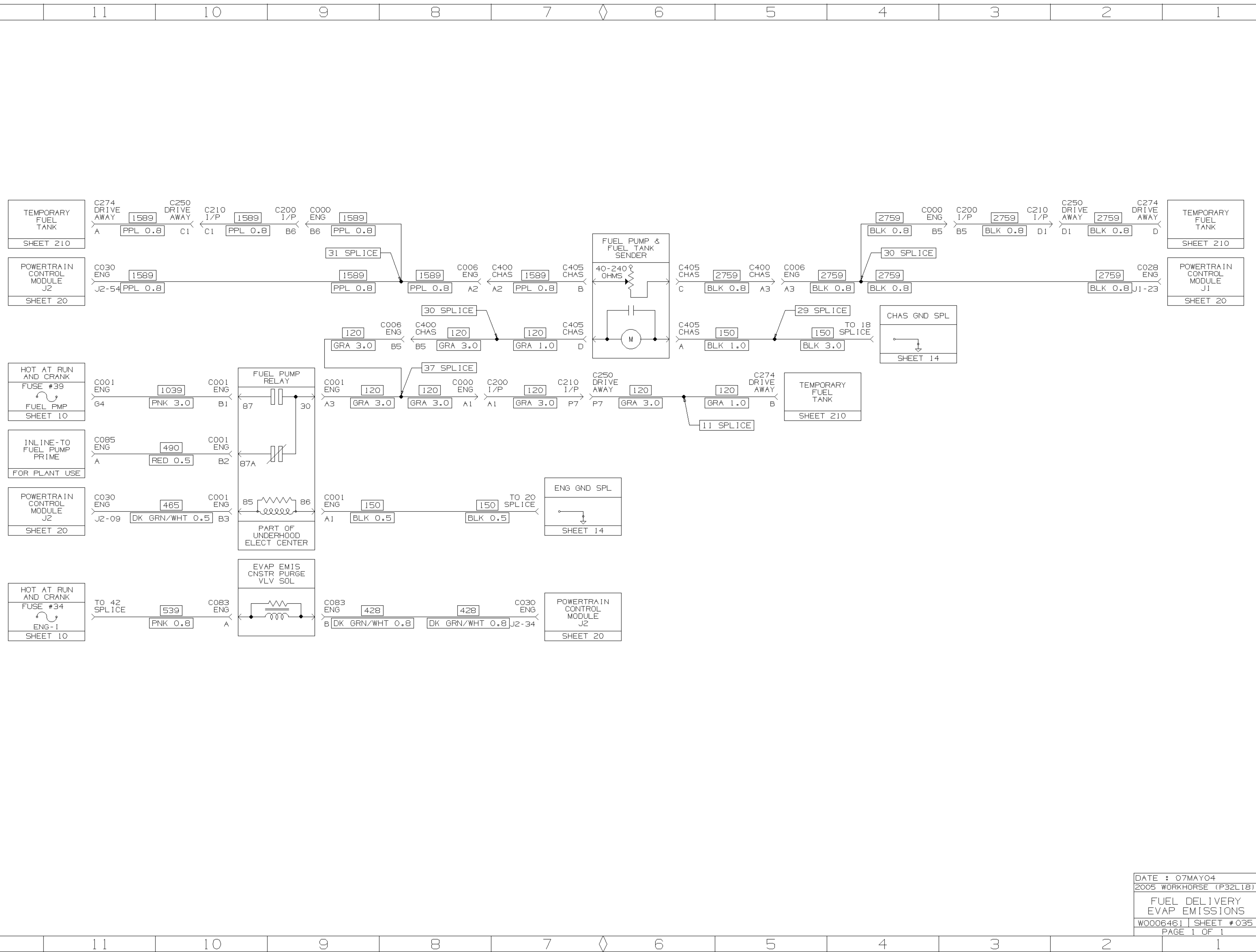


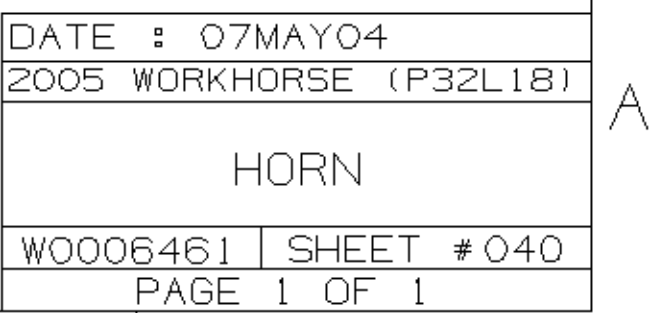


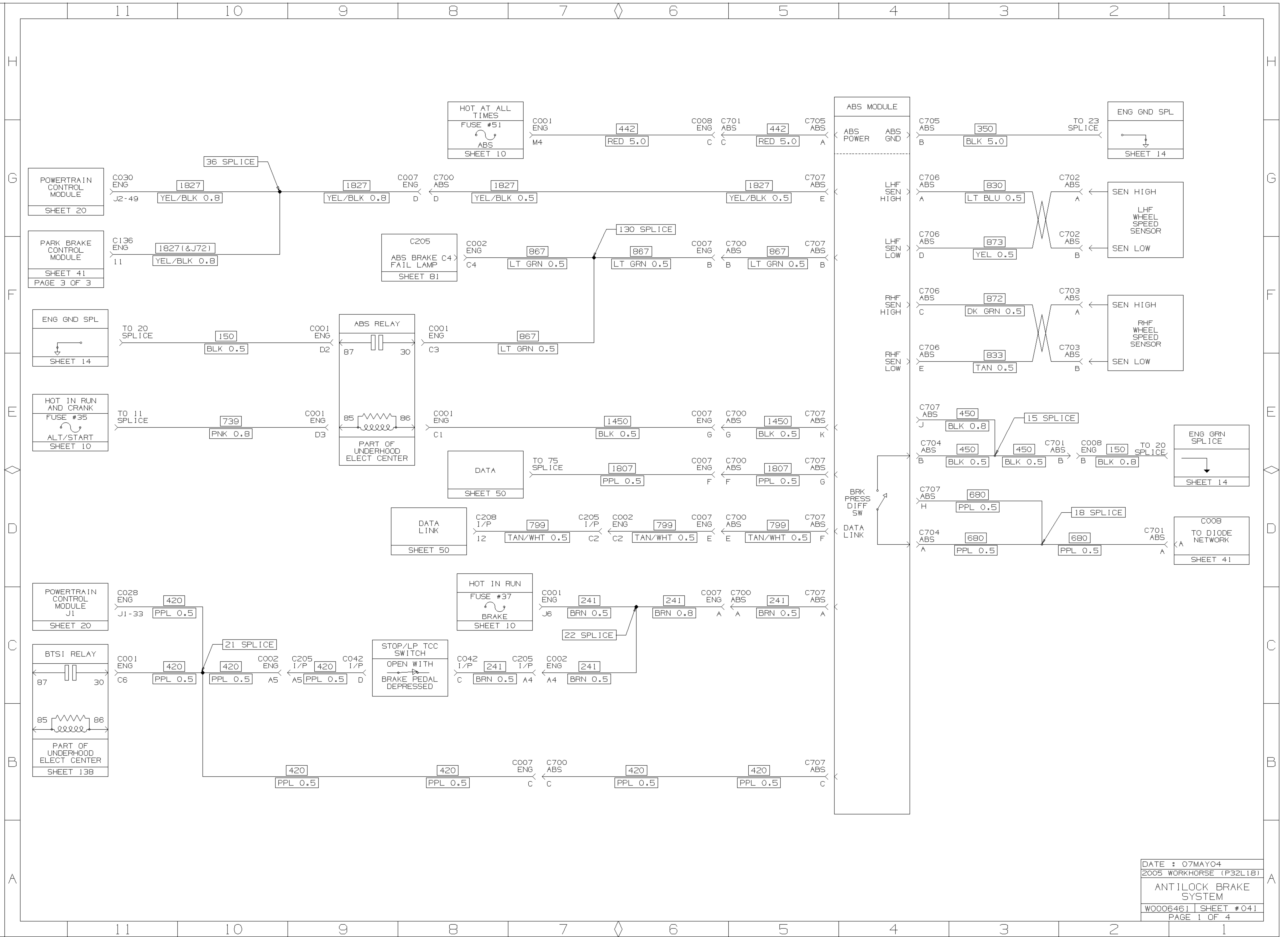


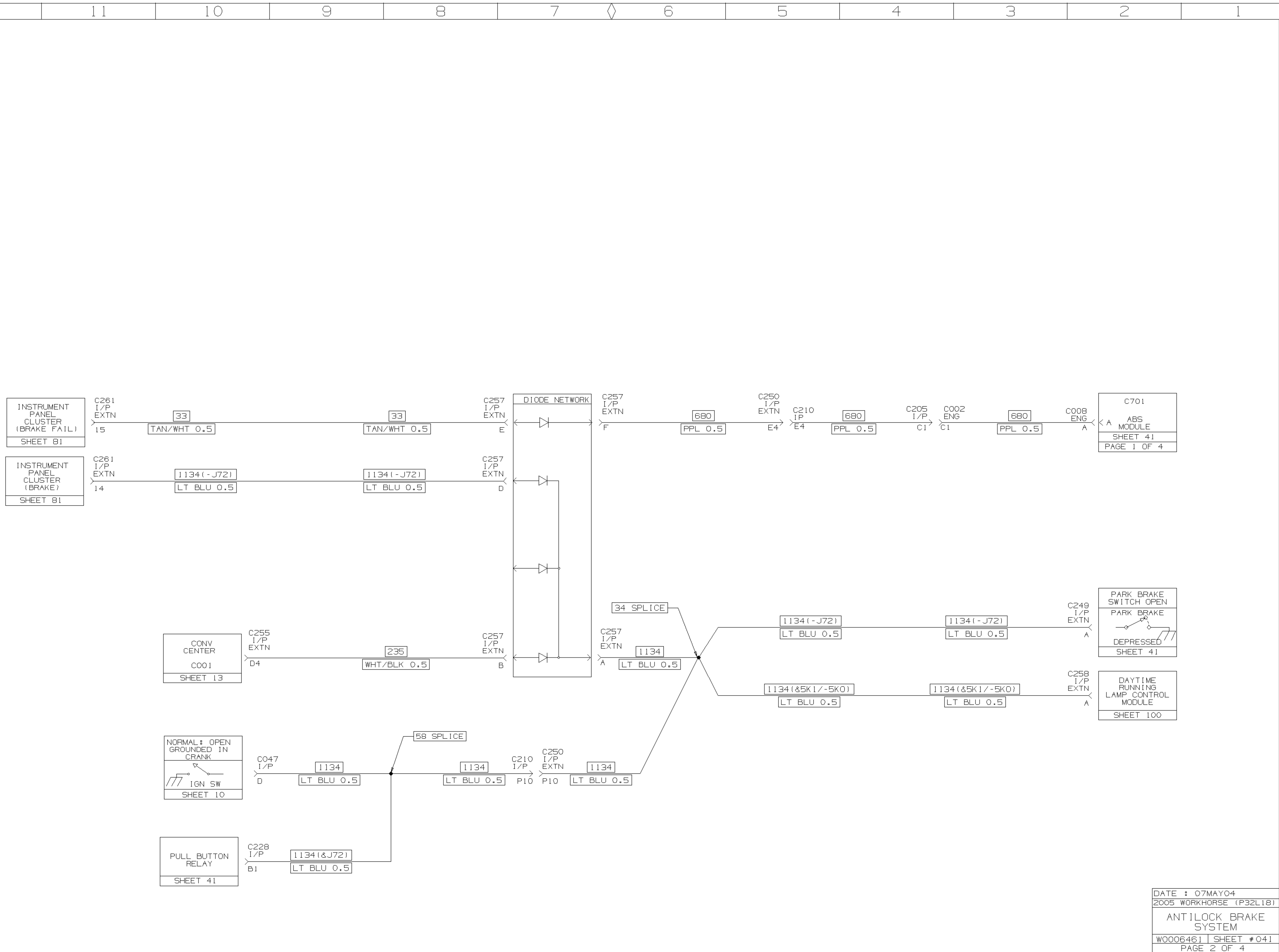


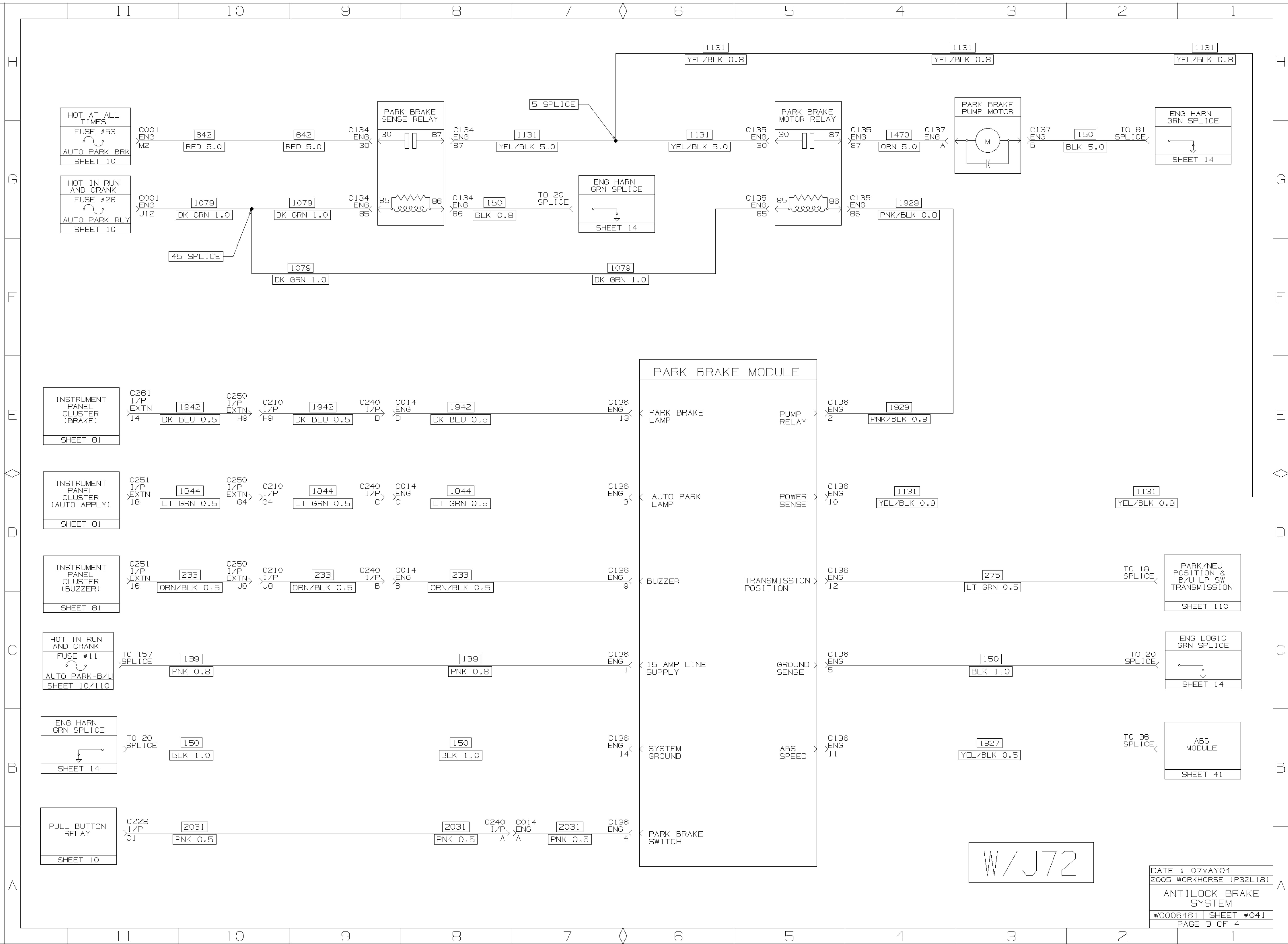




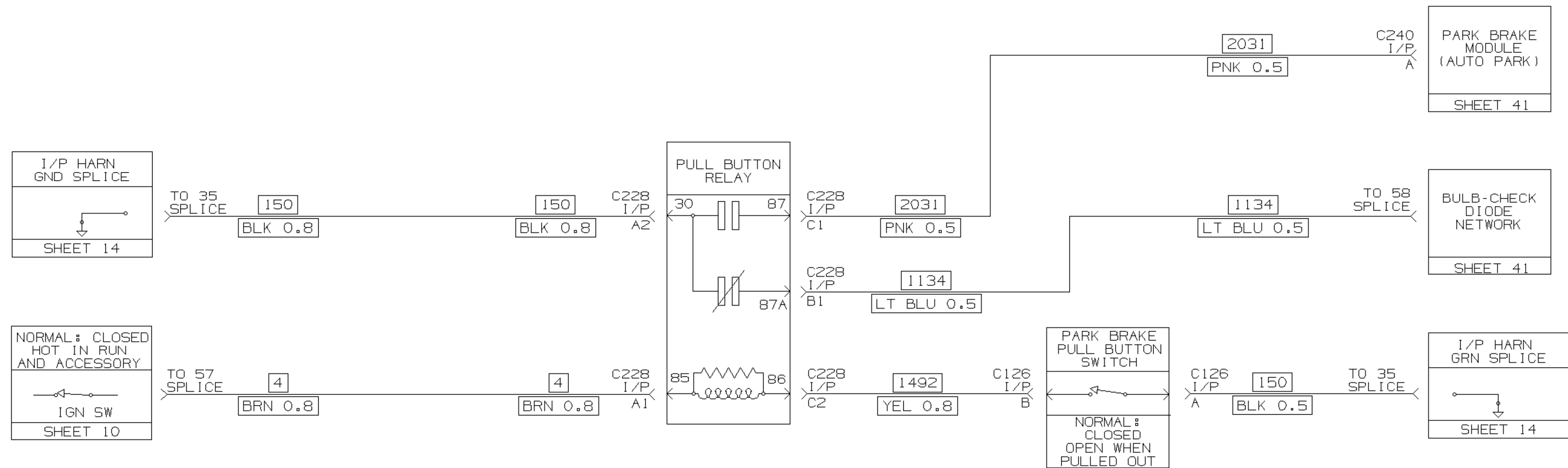




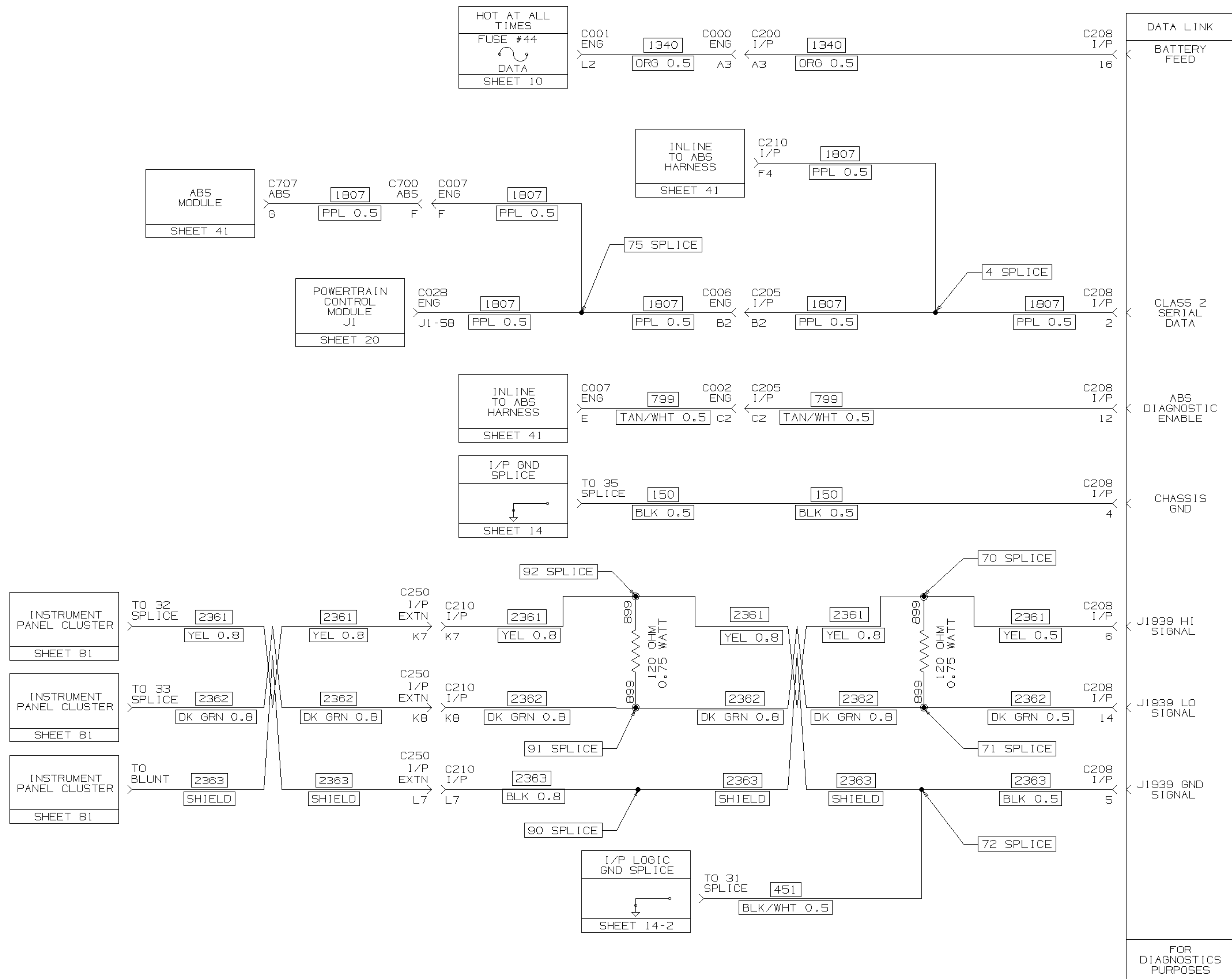


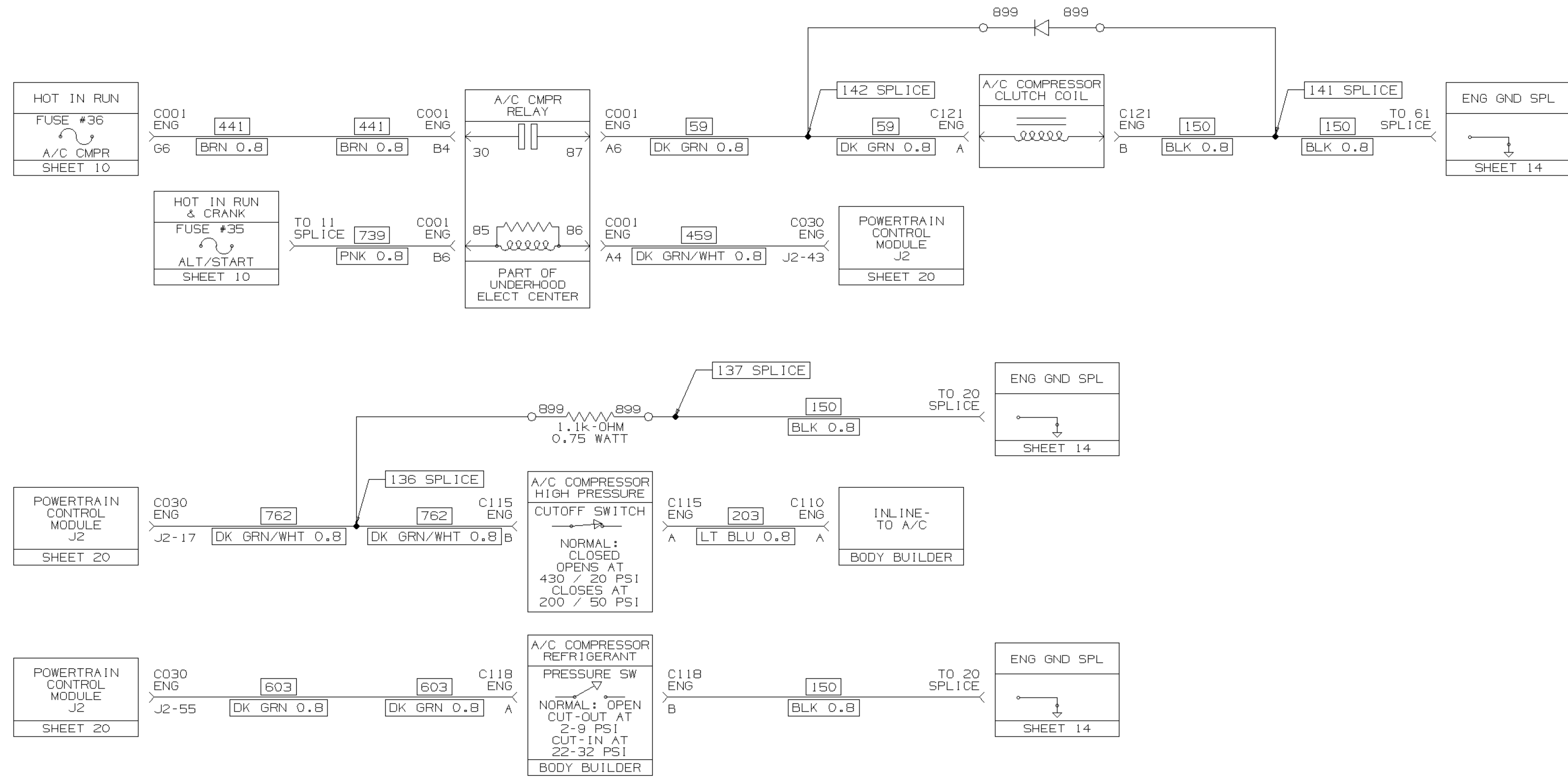


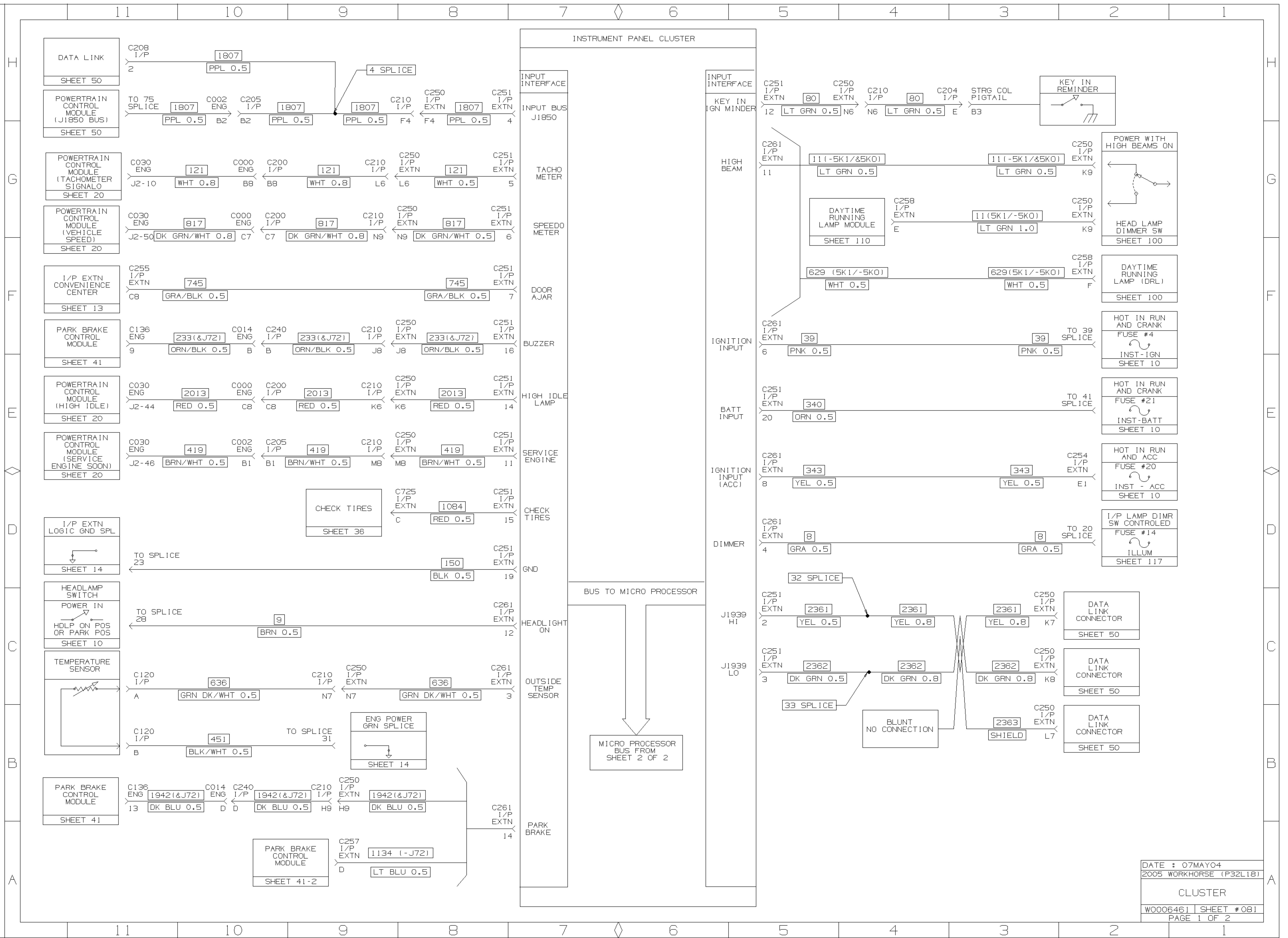
W/J72



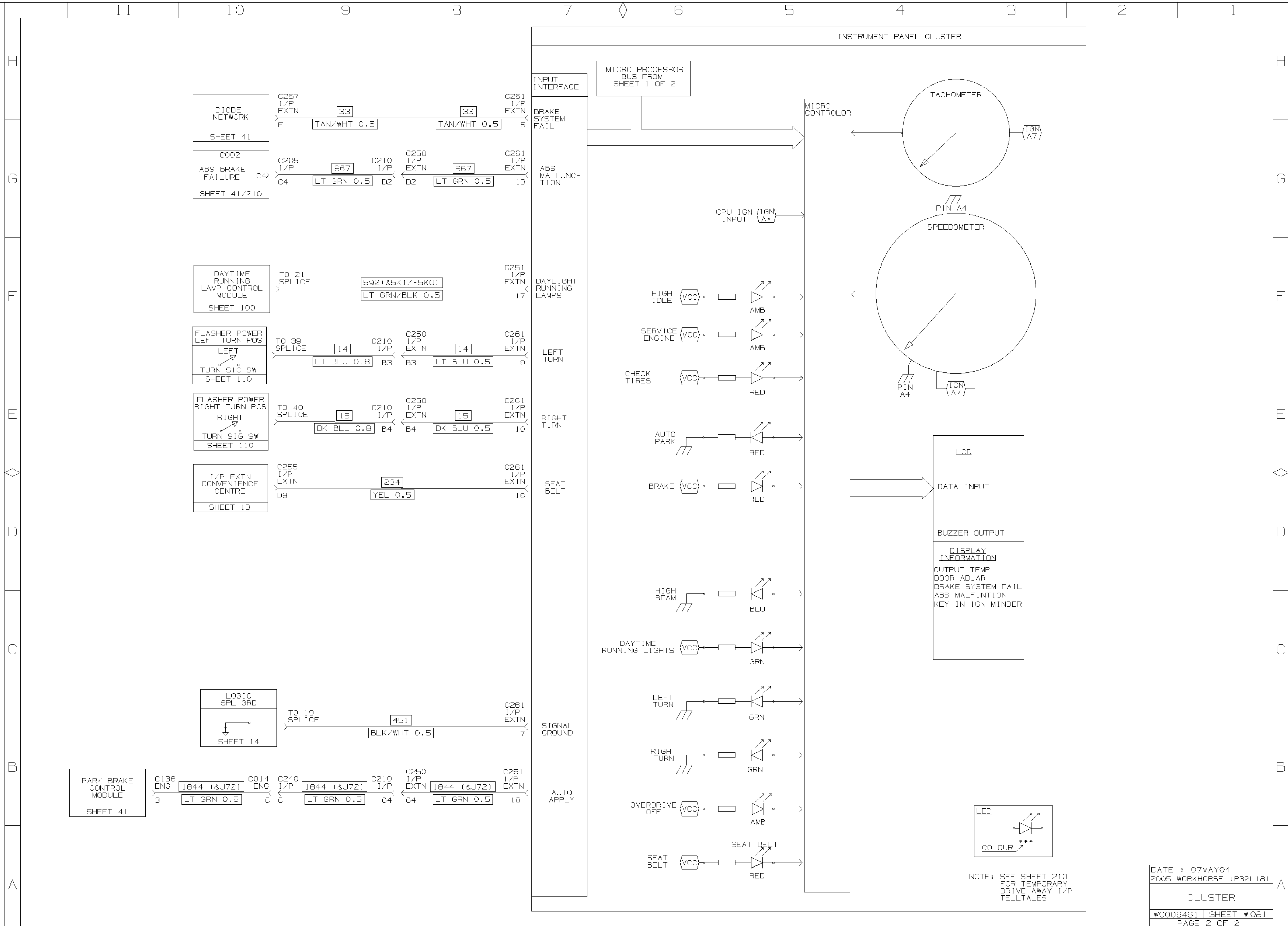
W/J72







1



HOT IN RUN
AND ACCESSORY
FUSE #22
WIPER
SHEET 10

TO
C210
I/P
J6

143
YEL 2.0

C207
I/P
E

C750
WIPER
E

143
YEL 2.0

BODY BUILDER
WIPER HARNESS

STEERING COLUMN WIPER/WASHER SWITCH

WASHER
SWITCH

PULSE
ON/OFF

STEP RESISTOR

200 100 75 40 30
k-OHM k-OHM k-OHM k-OHM k-OHM
RESISTOR TOLERANCES 20%

94
PNK 0.8

STRG
COL
PIGTAIL
B

96
BRN 0.8

STRG
COL
PIGTAIL
G

96
BRN/WHT 0.8

STRG
COL
PIGTAIL
A

PULSE WIPER
CONTROL
MODULE

92
PPL 0.8

STRG
COL
PIGTAIL
C

91
GRA 0.8

STRG
COL
PIGTAIL
E

97
LT GRN/BLK 0.8

STRG
COL
PIGTAIL
F

150
BLK 0.8

STRG
COL
PIGTAIL
D

HIGH MIST LOW PULSE OFF

C235
I/P
B

94
PNK 1.0

C207
I/P
F

C750
WIPER
F

94
PNK 1.0

C235
I/P
C

92
PPL 1.0

C207
I/P
B

C750
WIPER
B

92
PPL 1.0

C235
I/P
E

91
GRA 1.0

C207
I/P
C

C750
WIPER
C

91
GRA 1.0

C235
I/P
F

97
LT BLU 1.0

C207
I/P
D

C750
WIPER
D

97
LT BLU 1.0

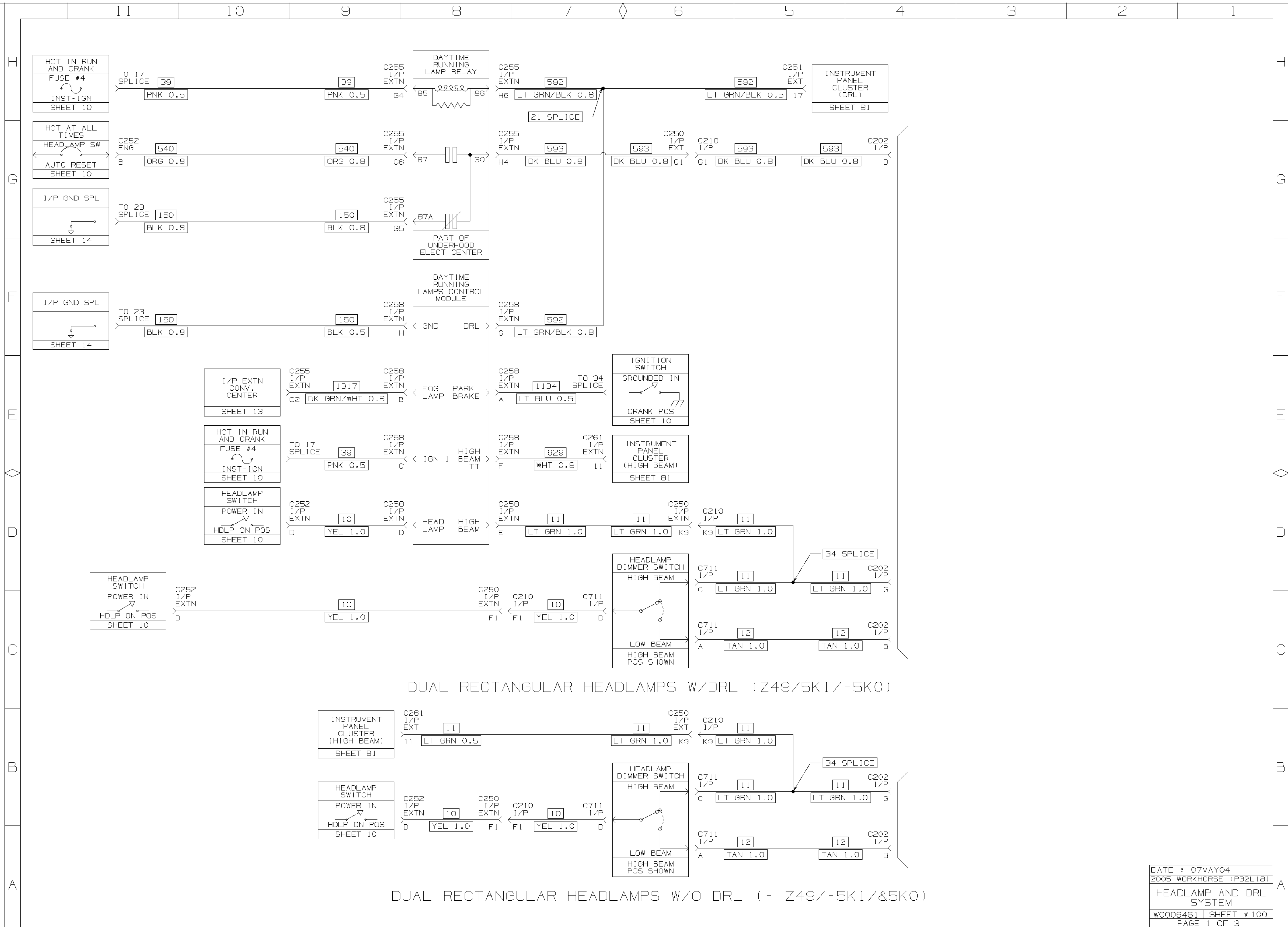
C235
I/P
D

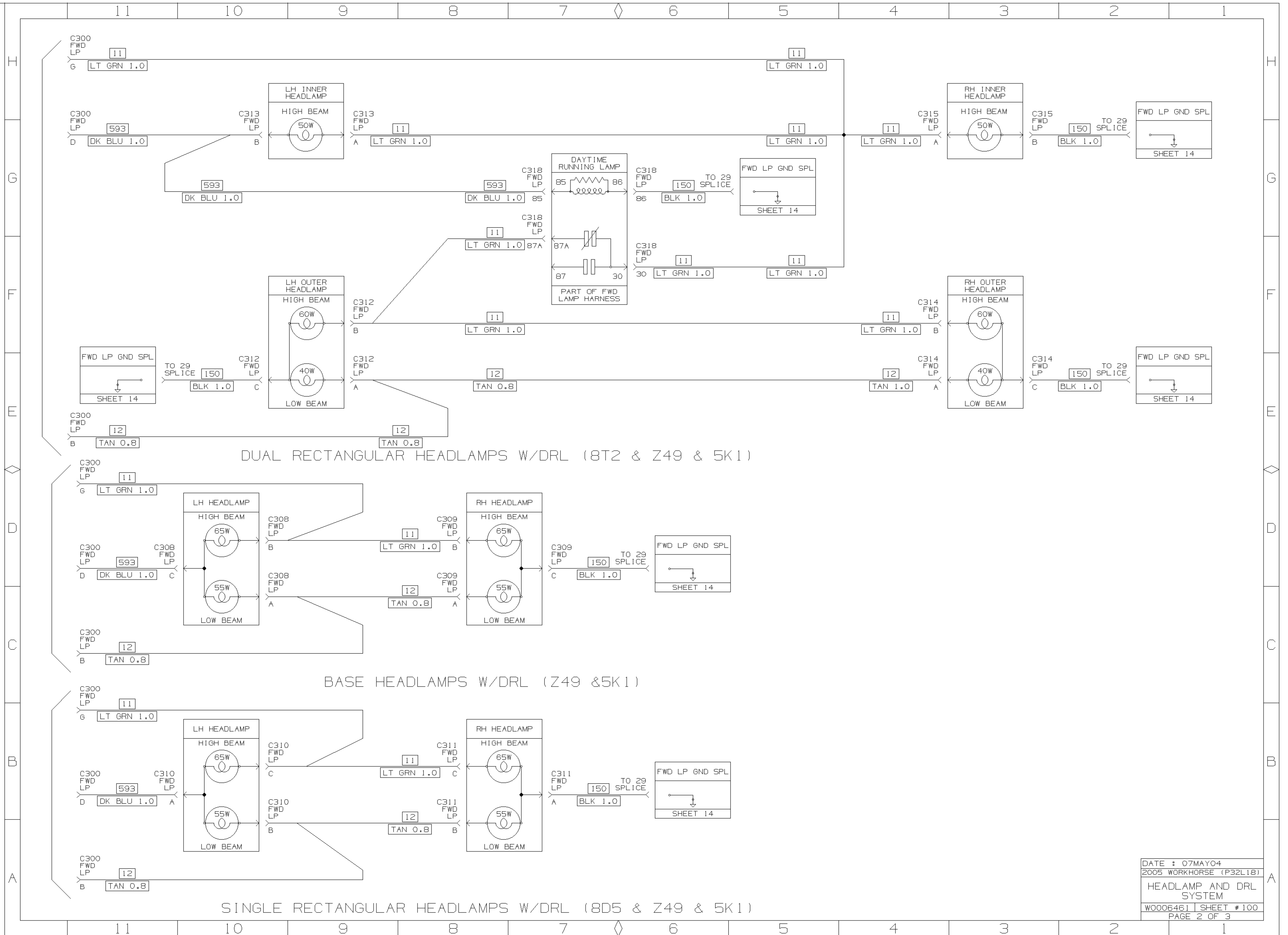
150
BLK 1.0

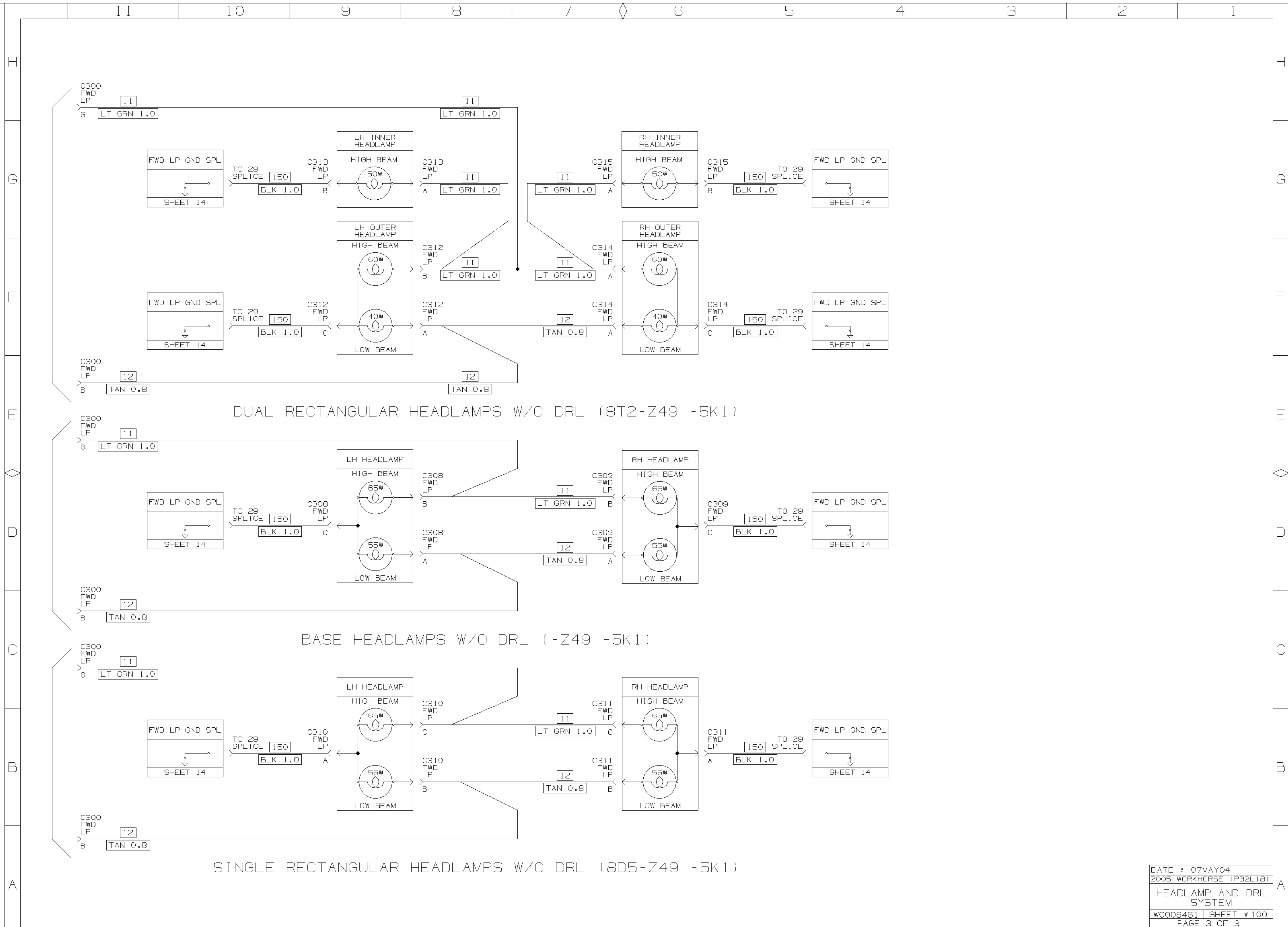
TO 35
SPLICE

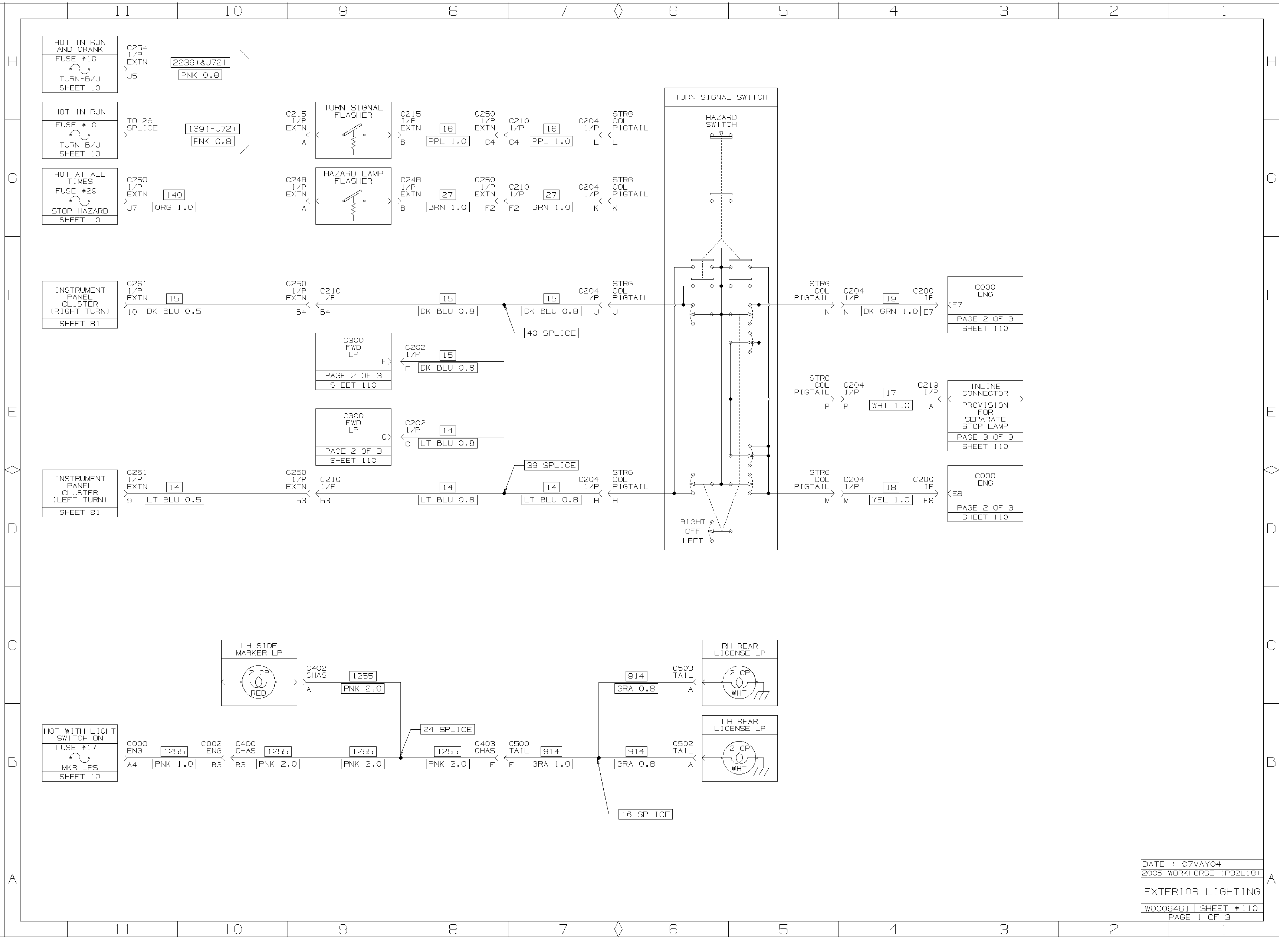
I/P GND
SPLICE
SHEET 14

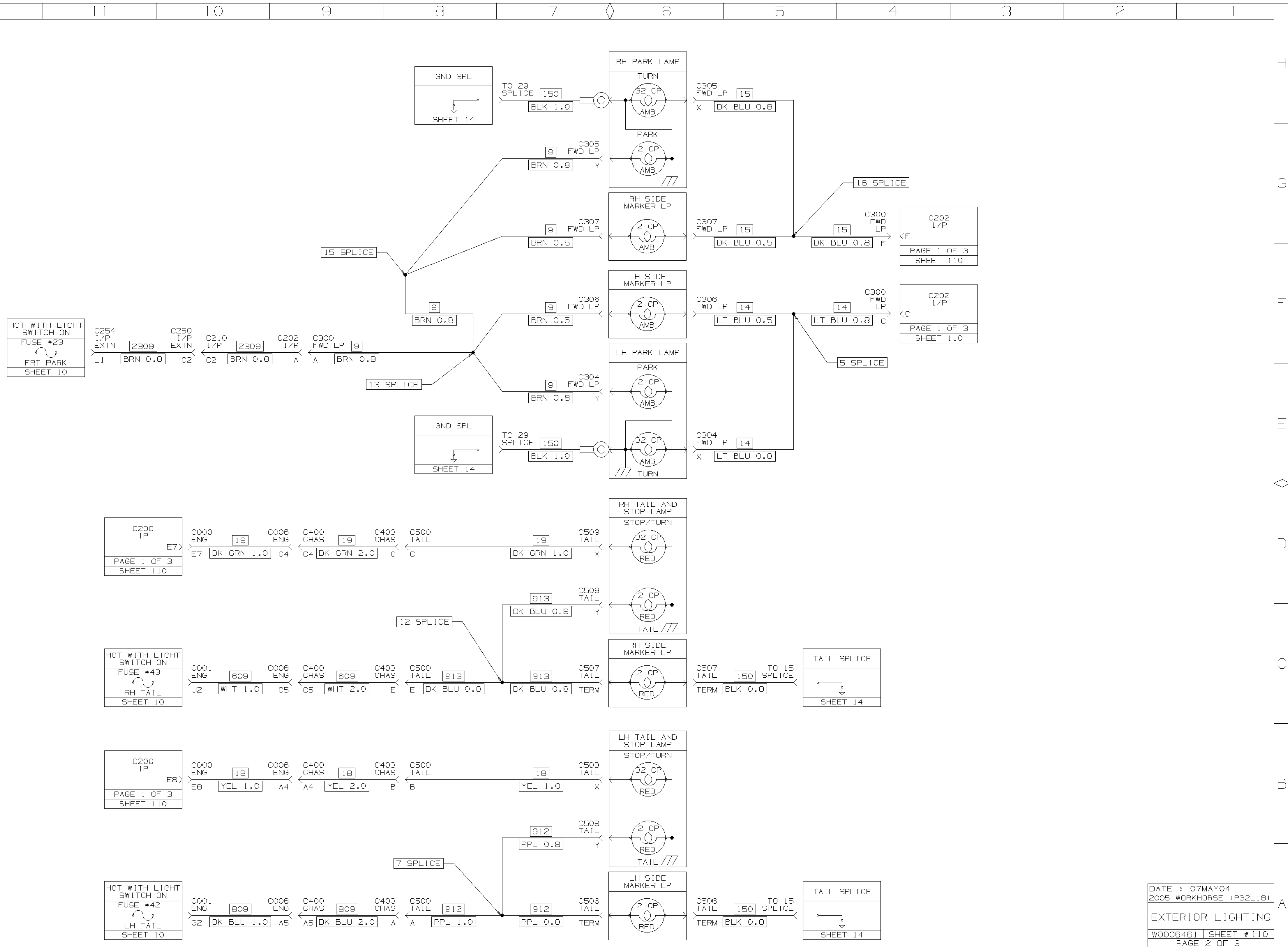
BODY BUILDER
WIPER/WASHER
SYSTEM

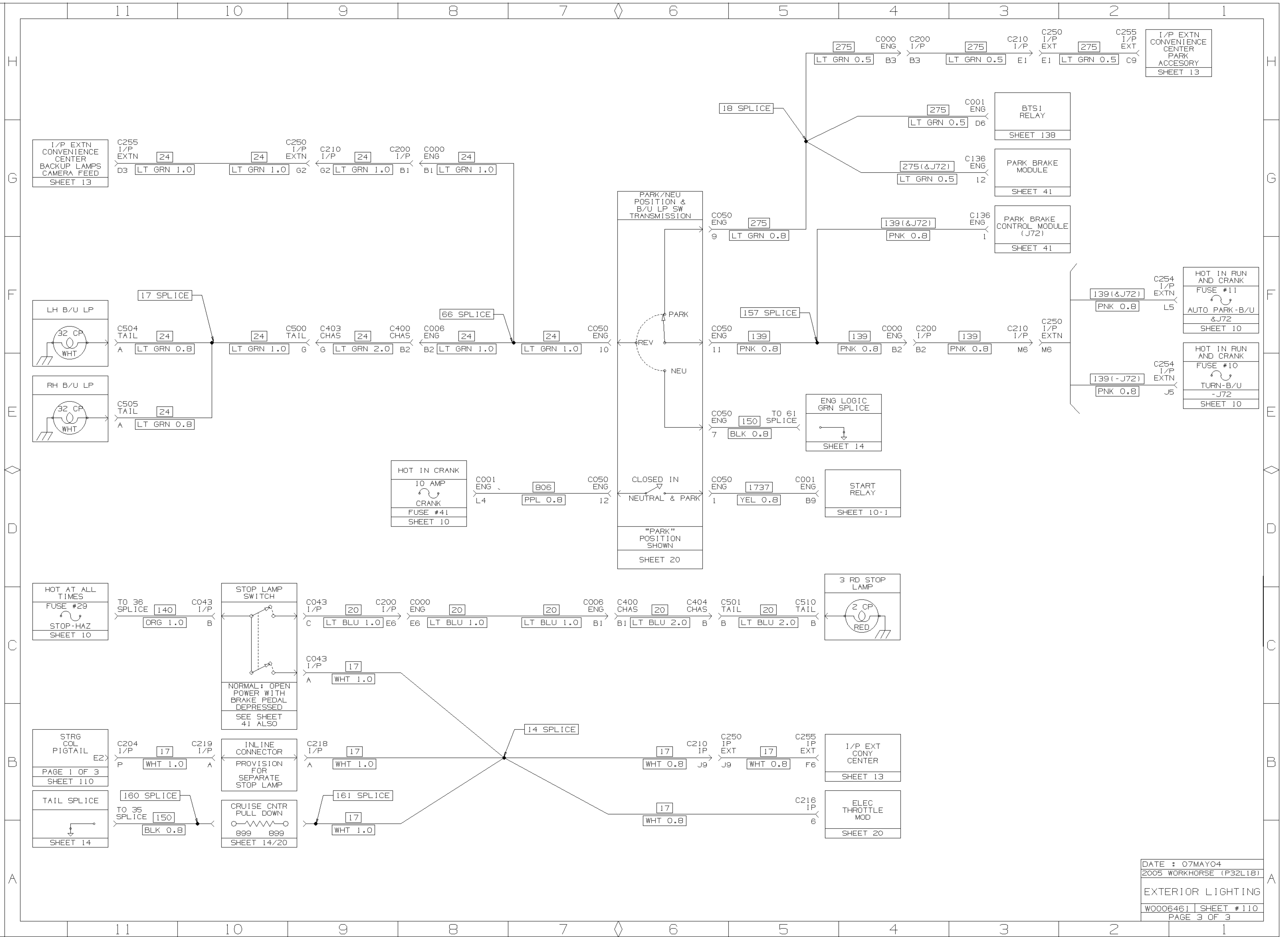


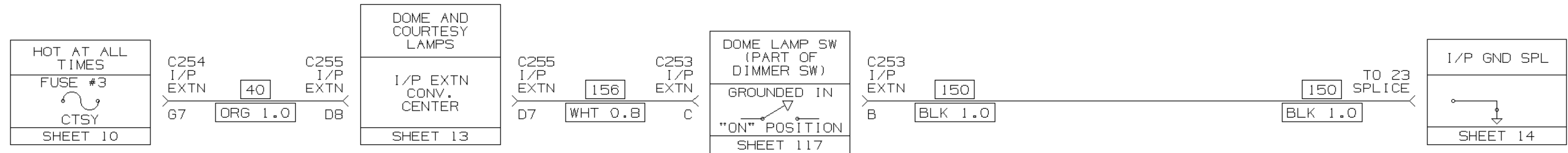


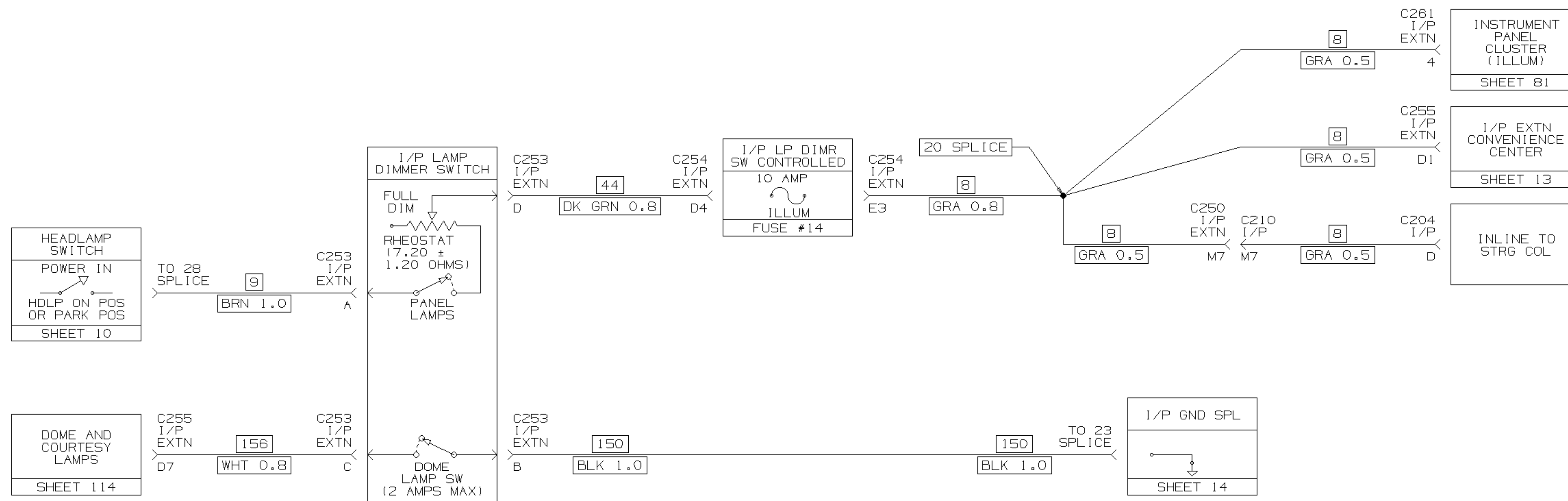


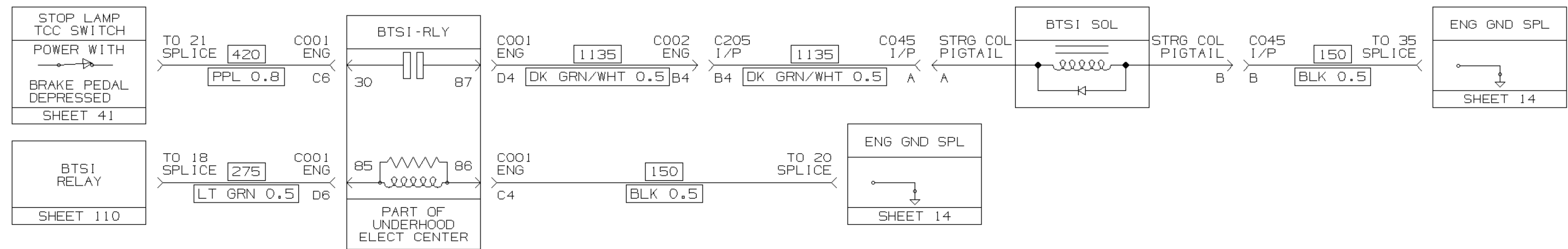












H
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E
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11

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9

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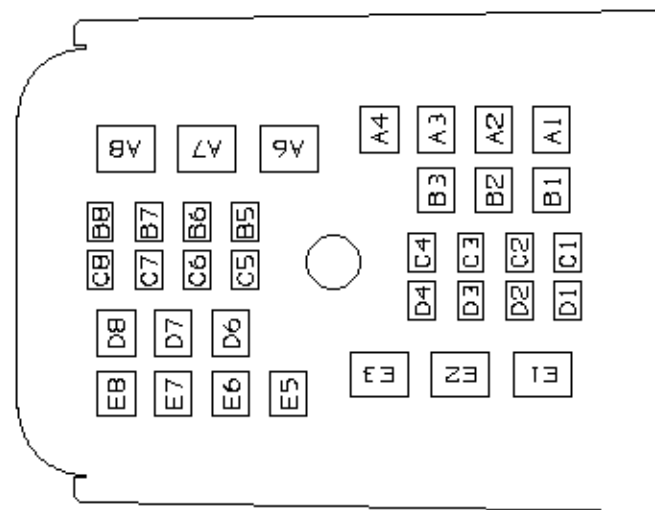
5

4

3

2

1

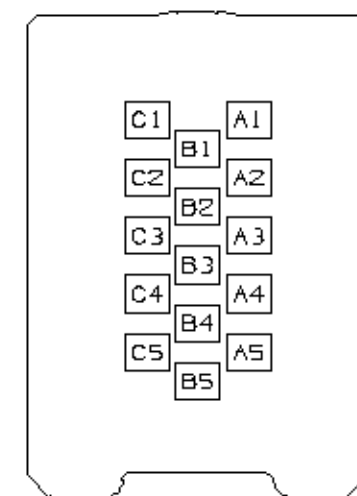
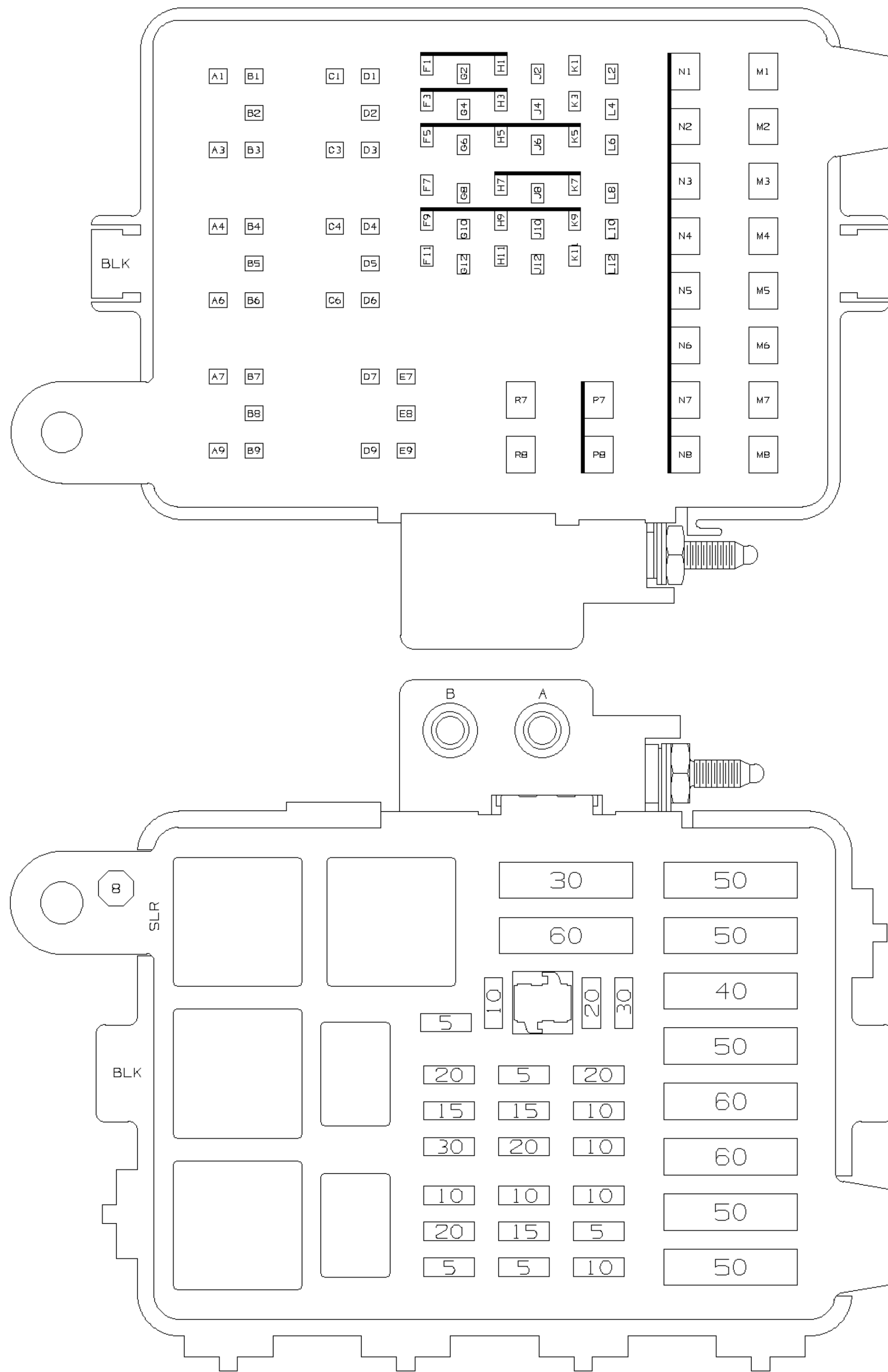


COO0

ITEM NO: 1	
12186752 BLK	
INLINE-TO I/P HARN	
CAV	WIRE
A1	120A
A2	9
A3	1340
A4	1255
A6	42A
A7	142A
A8	242C
B1	24A
B2	139A
B3	275A
B5	2759A
B6	1589A
B7	12059168
B8	121
C1	416
C2	1688
C3	452
C4	1704
C5	1061
C6	774
C7	817
C8	2013
D1	485
D2	486
D3	581
D4	582
D6	839
D7	451H
D8	140C
E1	3
E2	300
E3	342
E5	542C
E6	20
E7	19
E8	18

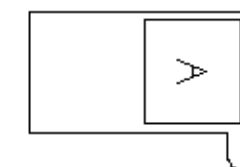
COO1

ITEM NO: 8	
12146281 BLK	
PWR DISTR BLK	
CAV	WIRE
A1	150M
A3	120C
A4	459
A6	59A
A7	447
A9	242B
B1	1039
B2	490
B3	465
B4	441
B5	
B6	739B
B7	6
B8	
B9	1737
C1	1450
C3	867B
C4	150A
C6	420B
D1	
D2	150U
D3	739F
D4	1135
D5	
D6	275B
D7	473
D9	1640
E7	702
E8	
E9	140A
F1	9
F3	2223C
F5	300
F7	542B
F9	2223E
F11	742B
G2	809
G4	1039
G6	441
G8	1640
G10	239A
G12	440A
H1	
H3	
H5	
H7	2223B
H9	
H11	2223G
J2	609
J4	839
J6	241A
J8	539A
J10	339A
J12	1079A
K1	42B
K3	2223F
K5	
K7	
K9	
K11	142B
L2	1340
L4	806
L6	41
L8	739A
L10	439A
L12	140B
M1	742C
M2	642
M3	542A
M4	442
M5	342
M6	242A
M7	142C
M8	42C
N1	
N2	
N3	
N4	
N5	
N6	
N7	
N8	



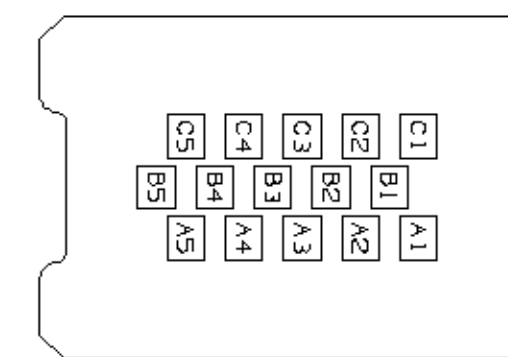
COO2

ITEM NO: 19	
12161186 BLK	
INLINE-TO I/P HARN	
CAV	WIRE
A1	742A
A2	534
A3	12010300
A4	241C
A5	420A
B1	419
B2	1807A
B3	12010300
B4	1135
B5	41
C1	680
C2	799
C3	5
C4	867C
C5	12010300



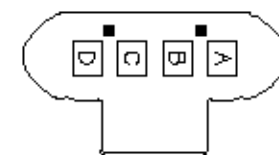
CO85

ITEM NO: 12	
12059884	
INLINE-TO F/PMP PRIME	
CAV	WIRE
A	490



CO06

ITEM NO: 74	
12161186 BLK	
INLINE-TO CHAS HARN	
CAV	WIRE
A1	12010300
A2	1589C
A3	2759C
A4	18
A5	809
B1	20
B2	24B
B3	1255
B4	150W
B5	120B
C1	12010300
C2	12010300
C3	12010300
C4	19
C5	609



CO17

ITEM NO: 47	
12186568 BLK	
GEN	
CAV	WIRE
A	12059168
B	225
C	23
D	739E

11

10

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4

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2

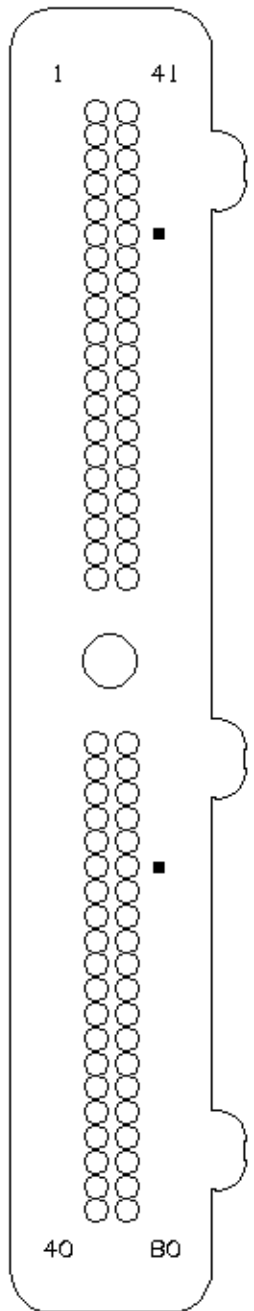
1

H
G
F
E
D
C
B
A

H
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F
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D
C
B
A

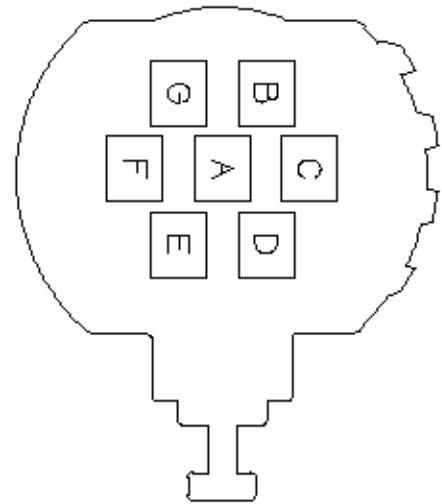
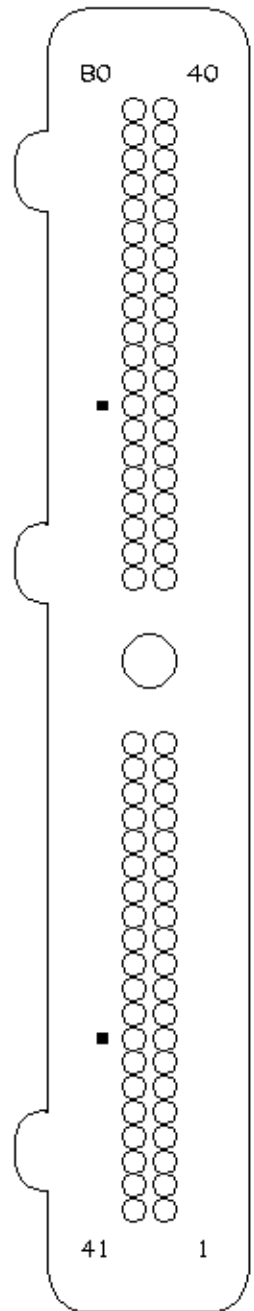
C028

ITEM NO: 3	
12191110 NAT	
MDL-POWERTRAIN CONT -J1	
CAV	WIRE
1	451A
2	1867
3	1746
4	1745
5	
6	
7	705
8	
9	
10	
11	1876
12	1869
13	
14	1061
15	774
16	
17	1225
18	1226
19	439B
20	440C
21	1868
22	
23	2759B
24	451T
25	
26	1667
27	451R
28	
29	1664
30	
31	534
32	771
33	420E
34	776
35	
36	1744
37	846
38	
39	447
40	451B
41	
42	473
43	877
44	844
45	
46	
47	
48	597
49	
50	
51	496
52	
53	407
54	469
55	
56	
57	440B
58	1807B
59	
60	
61	632
62	
63	2751
64	
65	
66	1666
67	
68	
69	1665
70	1174
71	
72	772
73	633
74	410
75	439D
76	845
77	878
78	
79	
80	720



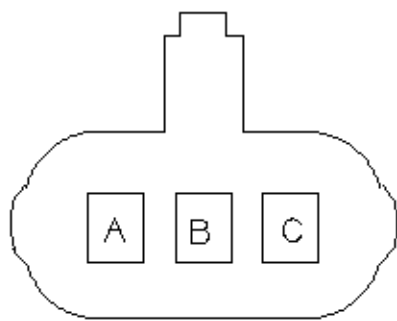
C030

ITEM NO: 2	
12191110 NAT	
MDL-POWERTRAIN CONT -J2	
CAV	WIRE
1	451C
2	418
3	
4	
5	
6	1228
7	
8	1229
9	465
10	121
11	604
12	
13	
14	
15	225
16	
17	762A
18	
19	
20	822HF
21	821HF
22	1230BY
23	1231BY
24	
25	472
26	2121
27	2127
28	2126
29	2124
30	
31	492
32	432
33	
34	428
35	
36	
37	
38	
39	631
40	451E
41	
42	
43	459
44	2013
45	
46	419
47	1223
48	1222
49	1827A
50	817
51	1227
52	
53	
54	1589B
55	603
56	
57	552
58	332
59	5
60	2129
61	2130
62	773
63	1224
64	
65	
66	2128
67	2122
68	2125
69	2123
70	
71	
72	3113
73	
74	3212
75	23
76	
77	
78	
79	
80	



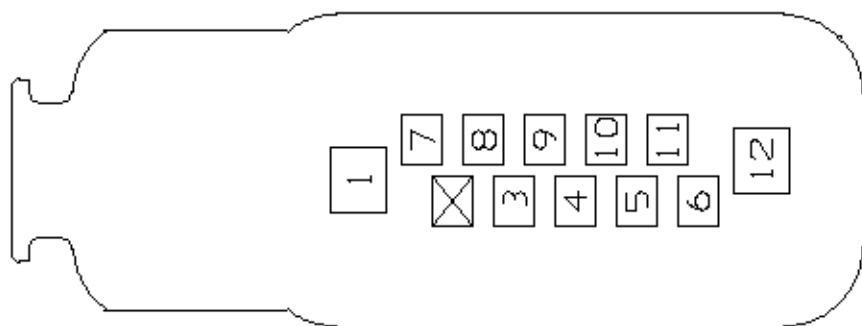
C007

ITEM NO: 32	
12110751 BLK	
INLINE-TO ABS HARN	
CAV	WIRE
A	241B
B	867A
C	420C
D	1827
E	799
F	1807C
G	1450



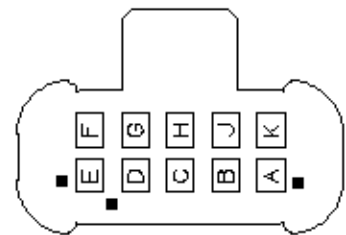
C008

ITEM NO: 33	
15300003 BLK	
INLINE-TO ABS HARN	
CAV	WIRE
A	680
B	150F
C	442



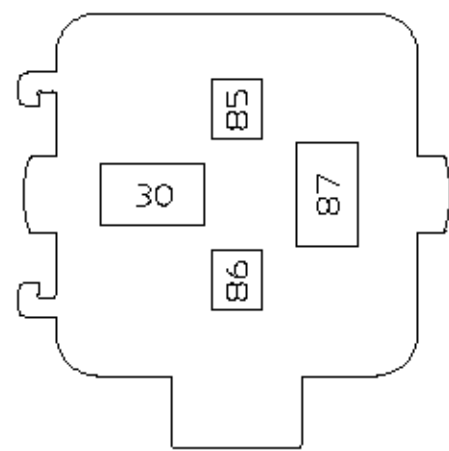
C050

ITEM NO: 71	
15416722 GRA MD	
SW-PARK/NEU POSN & B/U LP	
CAV	WIRE
1	1737
3	15305171
4	772
5	771
6	773
7	150S
8	776
9	275C
10	24C
11	139B
12	806



C036

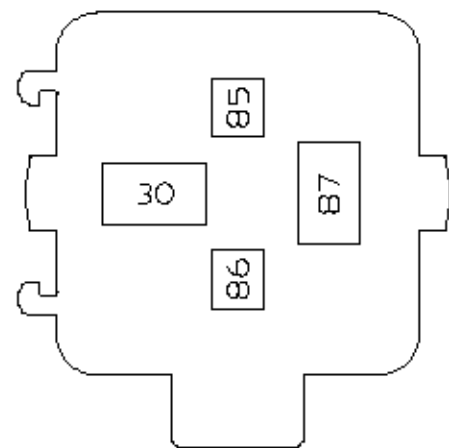
ITEM NO: 53	
12065425 BLK	
INJR-FUEL	
CAV	WIRE
A	1744
B	878
C	844
D	1746
E	846
F	845
G	877
H	1745
J	339C
K	239C



C134

ITEM NO: 89	
15336745 GRA MD	
RLY- PARK BRAKE SENSE	
CAV	WIRE
30	642
85	1079C
86	150P
87	1131A

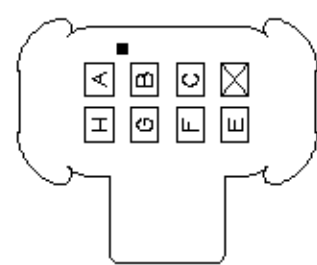
&J72



C135

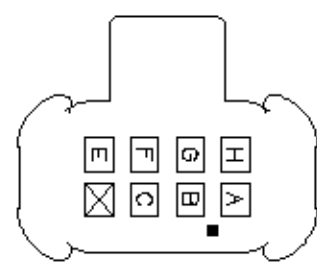
ITEM NO: 90	
15336745 GRA MD	
RLY- PARK BRAKE MOTOR	
CAV	WIRE
30	1131B
85	1079B
86	1929
87	1470

&J72



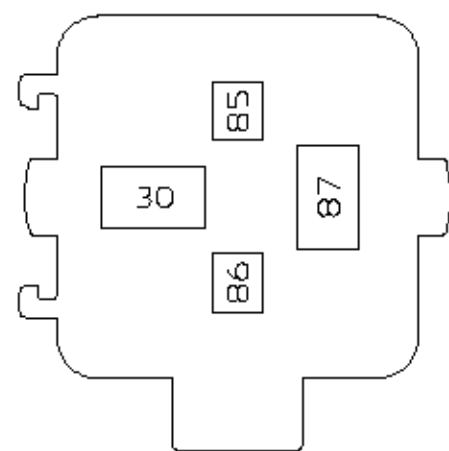
C056

ITEM NO: 54	
12047938 GRA LT	
INLINE-TO COIL HARN-LH	
CAV	WIRE
A	150L
B	2127
C	2125
E	2129
F	2123
G	2121
H	339B



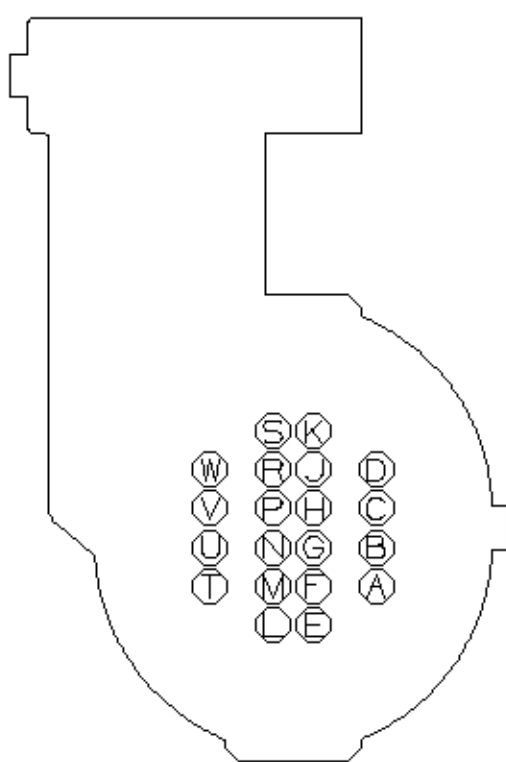
C057

ITEM NO: 59	
12047938 GRA LT	
INLINE-TO COIL HARN-RH	
CAV	WIRE
A	150K
B	2122
C	2124
E	2130
F	2126
G	2128
H	239B



C155

ITEM NO: 88	
15336745 GRA MD	
RLY- RUN & CRANK	
CAV	WIRE
30	242D
85	3
86	150Y
87	2223A



C060

ITEM NO: 73	
12160490 GRA MD	
INLINE-TO TRANS	
CAV	WIRE
A	1222
B	1223
C	1228
D	1229
E	439C
L	1227
M	407
N	1224
P	1226
R	1225
S	418

H
G
F
E
D
C
B
A

H
G
F
E
D
C
B
A

11

10

9

8

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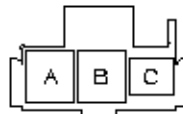
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3

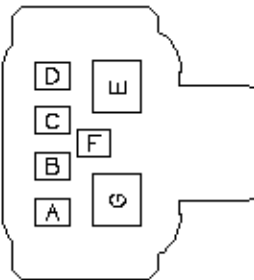
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1



CO43

ITEM NO: 27	
12033699 BLK	
SW-S/LP	
CAV	WIRE
A	17C
B	140B
C	20

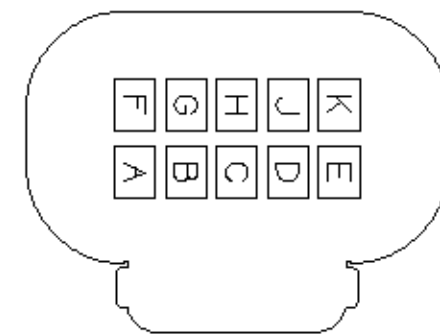
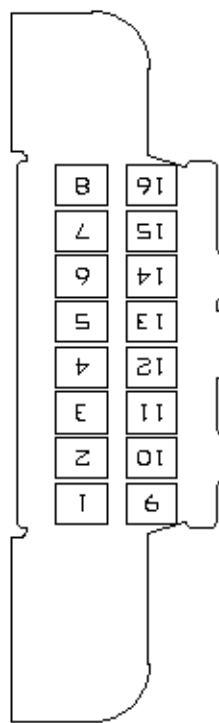


C202

ITEM NO: 2	
12059472 BLK	
INLINE-TO FWD LP HARN	
CAV	WIRE
A	2309
B	12
C	14B
D	593
E	29
F	15B
G	11B

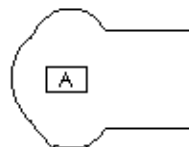
C208

ITEM NO: 26	
12110250 BLK	
DATA LINK	
CAV	WIRE
1	
2	1807B
3	
4	150E
5	2363A
6	2361A
7	
8	
9	
10	
11	
12	799
13	
14	2362A
15	
16	1340



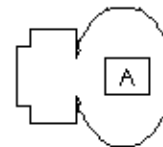
C212

ITEM NO: 42	
15326842	
MDL-THROT POSN SEN INTERFACE	
CAV	WIRE
A	15305171
B	15305171
C	15305171
D	1164
E	1161
F	15305171
G	1274
H	1162
J	1272
K	1271



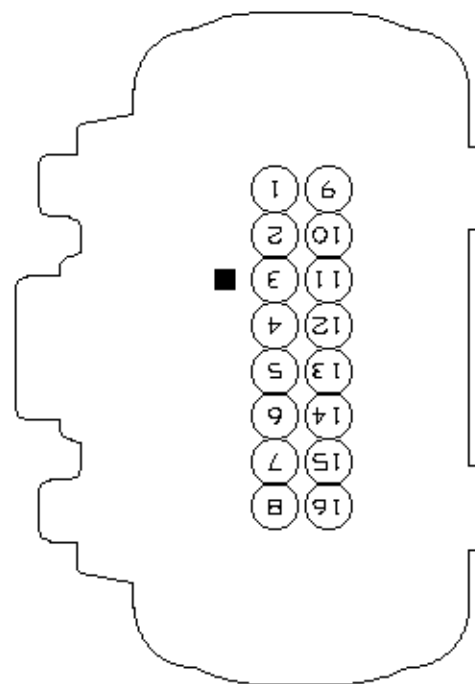
C218

ITEM NO: 24	
12065171 BLK	
INLINE-TO BODY BUILDER HARN	
CAV	WIRE
A	17E



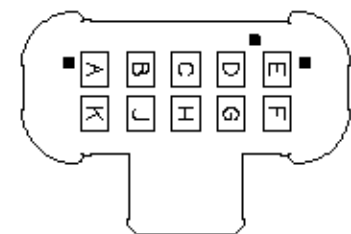
C219

ITEM NO: 23	
12065172 BLK	
INLINE-TO BODY BUILDER HARN	
CAV	WIRE
A	17F



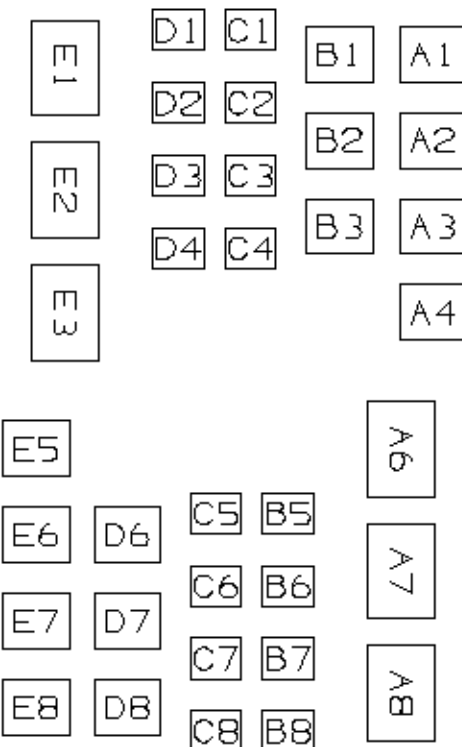
C216

ITEM NO: 38	
12191065 NAT	
MDL-ELEK THROT ACTR CONT	
CAV	WIRE
1	485
2	416
3	452
4	84
5	87
6	17A
7	839
8	582
9	1688
10	1704
11	486
12	1061
13	774
14	397
15	451A
16	581



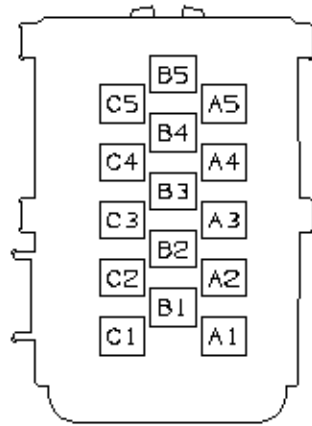
C217

ITEM NO: 37	
12065425 BLK	
MDL-ELEK THROT ACTR CONT	
CAV	WIRE
A	12059168
B	1274
C	1162
D	1272
E	12059168
F	1161
G	1164
H	12059168
J	1271
K	12059168



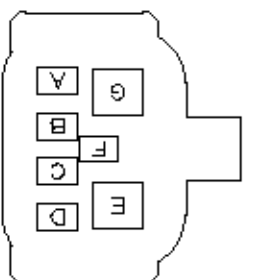
C200

ITEM NO: 5	
12146331 GRA LT	
INLINE-TO ENG HARN	
CAV	WIRE
A1	120
A2	9
A3	1340
A4	1255
A6	42
A7	142
A8	242
B1	24
B2	139A
B3	275
B5	2759
B6	1589
B7	
B8	121
C1	416
C2	1688
C3	452
C4	1704
C5	1061
C6	774
C7	817
C8	2013
D1	485
D2	486
D3	581
D4	582
D6	839
D7	451E
D8	140C
E1	3A
E2	300A
E3	342
E5	542
E6	20
E7	19
E8	18



C205

ITEM NO: 1	
12161187 BLK	
INLINE-TO ENG HARN	
CAV	WIRE
A1	742
A2	534
A3	12010300
A4	241
A5	420
B1	419
B2	1807A
B3	12010300
B4	1135
B5	41
C1	680
C2	799
C3	5
C4	867
C5	12010300

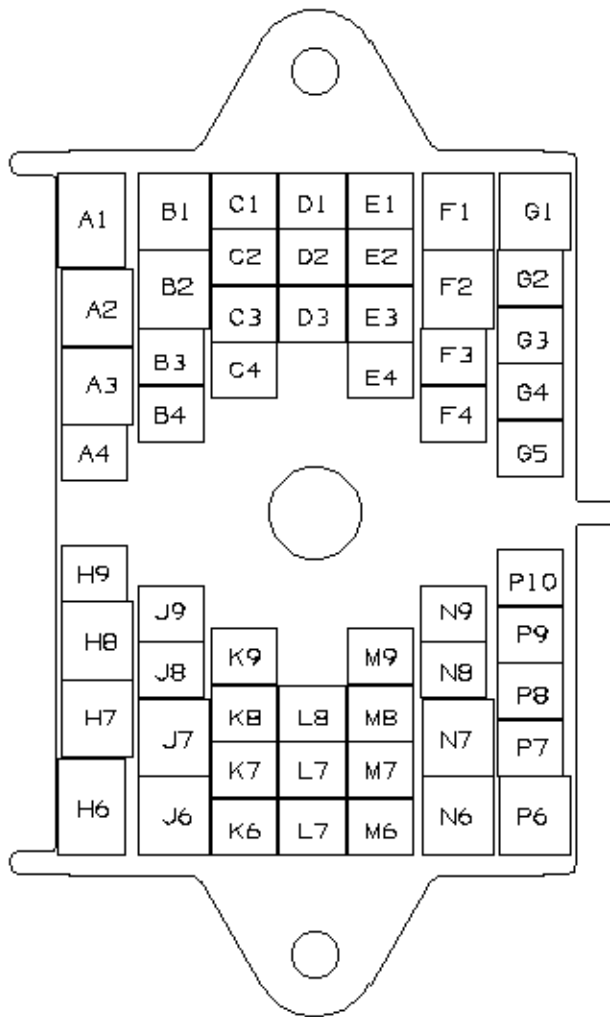


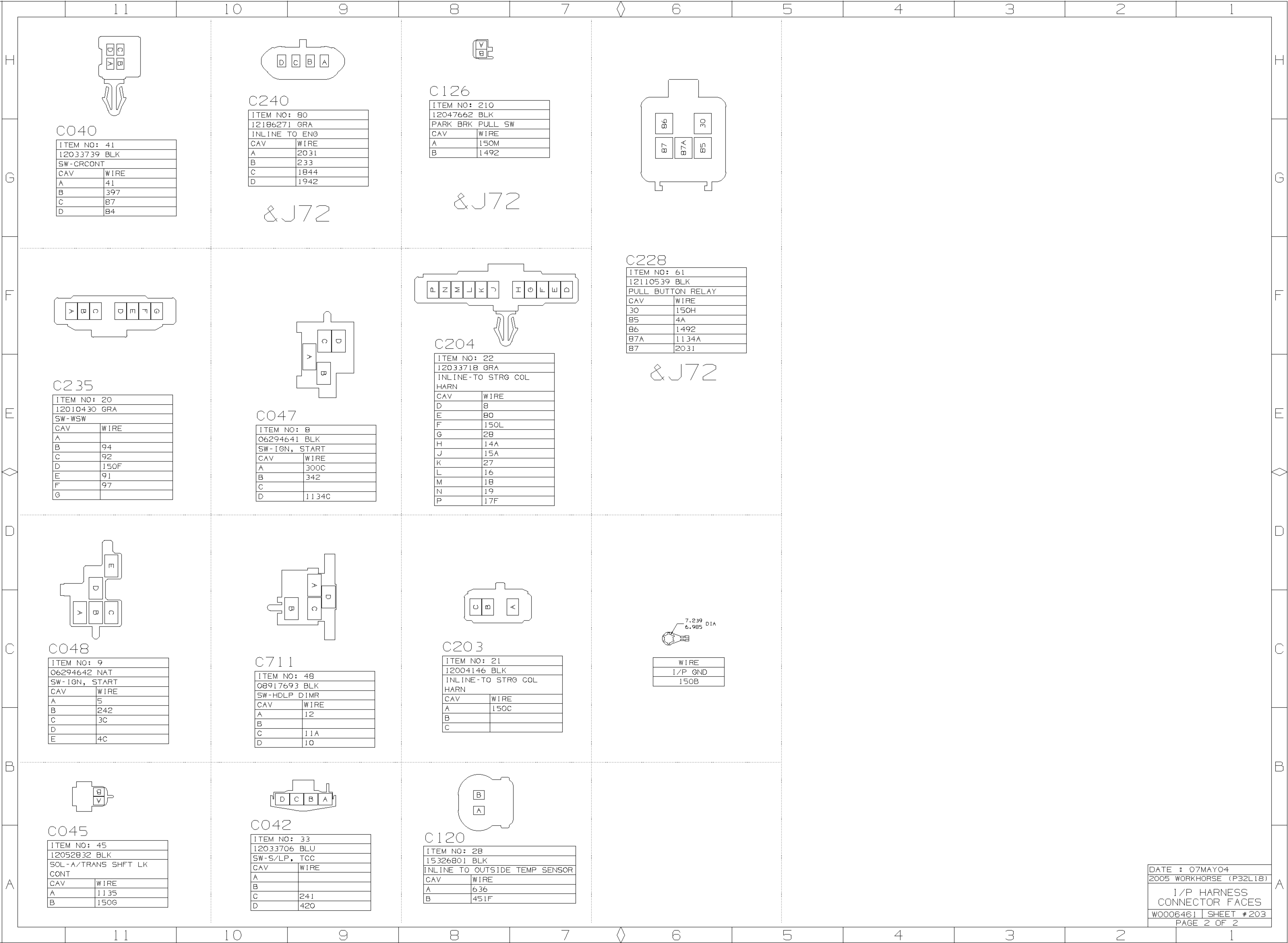
C207

ITEM NO: 3	
12052200 BLK	
MOT-WSW	
CAV	WIRE
A	12059168
B	92
C	91
D	97
E	143
F	94
G	12066082

C210

ITEM NO: 6		
15394027 BLK		
INLINE-TO I/P EXTN HARN		
CAV	WIRE	WIRE
A1	3B	3B
A2	142	142
A3	28	28
A4		
B1	542	542
B2	150A	150A
B3	14C	14C
B4	15C	15C
C1	1589	1589
C2	2309	2309
C3	534	534
C4	16	16
D1	2759	2759
D2	867	867
D3		
E1	275	275
E2		
E3		
E4	680	680
F1	10	10
F2	27	27
F3		
F4	1807C	1807C
G1	593	593
G2	24	24
G3	29	29
G4		1844
G5		
H6	42	42
H7	4	4B
H8	300B	300B
H9		1942
J6	143	143
J7	140A	140A
J8		233
J9	17B	17B
K6	2013	2013
K7	2361C	2361C
K8	2362C	2362C
K9	11C	11C
L6	121	121
L7	2363C	2363C
L8		
M6	139	139
M7	8	8
M8	419	419
M9		
N6	80	80
N7	636	636
N8	451C	451C
N9	817	817
P6	742	742
P7	120	120
P8	1255	1255
P9	9	9
P10	1134	1134B
SYMBOL	-J72	&J72





C215

ITEM NO: 14	
02973385 BLK	
FLSHR-T/SIG LP	
CAV	WIRE
A	(139C -J72)
B	(2239 &J72)
B	16

C248

ITEM NO: 5	
02973385 BLK	
FLSHR-HAZARD LP	
CAV	WIRE
A	140
B	27

C249

SW-PARK BRK
WIRE
1134B

- J72

C250

ITEM NO: 10		
12186731 GRA MD		
INLINE-TO I/P HARN		
CAV	WIRE	WIRE
A1	(3 -J72)	(3 -J72)
	(3A &J72)	(3A &J72)
A2	142C	142C
A3	28	28
A4		
B1	542	542
B2	150A	150A
B3	14	14
B4	15	15
C1		
C2	2309	2309
C3	534	534
C4	16	16
D1		
D2	867	867
D3		
E1	275	275
E2		
E3		
E4	680	680
F1	10	10A
F2	27	27
F3		
F4	1807	1807
G1		593
G2	24	24
G3	29C	29C
G4	(1844 &J72)	(1844 &J72)
G5		
H6	42A	42A
H7	4A	4A
H8	300	300
H9	(1942 &J72)	(1942 &J72)
J6	143	143
J7	140	140
J8	(233 &J72)	(233 &J72)
J9	17	17
K6	2013	2013
K7	(2361A -J72)	(2361A -J72)
	(2361B &J72)	(2361B &J72)
K8	(2362A -J72)	(2362A -J72)
	(2362B &J72)	(2362B &J72)
K9	11	11A
L6	121	121
L7	(2363A -J72)	(2363A -J72)
	(2363B &J72)	(2363B &J72)
L8		
M6	(139 &J72)	(139 &J72)
	(139A -J72)	(139A -J72)
M7	8C	8C
M8	419	419
M9		
N6	80	80
N7	636	636
N8	451	451
N9	817	817
P6	742	742
P7		
P8	1255A	1255A
P9	9B	9B
P10	(1134 &J71)	1134A
	(1134A -J72)	1134A
SYMBOL	1(-5K1 #-Z49)	3(&5K1 #-Z49)

C251

ITEM NO: 1		
10723742 BLK		
CSTR-INST 1		
CAV	WIRE	WIRE
1		
2	(2361A &J72)	(2361A &J72)
	(2361B -J72)	(2361B -J72)
3	(2362A &J72)	(2362A &J72)
	(2362B -J72)	(2362B -J72)
4	1807	1807
5	121	121
6	817	817
7	745	745
8		
9		
10		
11	419	419
12	80	80
13		
14	2013	2013
15		
16	(233 &J72)	(233 &J72)
17	592C	
18	(1844 &J72)	(1844 &J72)
19	150F	150F
20	340	340
SYMBOL	3	1

C261

ITEM NO: 4		
15340668 BLK		
CSTR-INST 2		
CAV	WIRE	WIRE
1		
2		
3	636	636
4	8B	8B
5		
6	39B	39C
7	451	451
8	343	343
9	14	14
10	15	15
11	629	11
12	9F	9F
13	867	867
14	(1942 &J72)	(1942 &J72)
	(1134G -J72)	(1134G -J72)
15	680	680
16	234	234
SYMBOL	3	1

C252

ITEM NO: 16		
12020029 NAT		
SW-HDLP		
CAV	WIRE	WIRE
A	9E	9E
B		540
C	42C	42C
D	10	10A/10B
E	240	240
F		
SYMBOL	1	3

C253

ITEM NO: 7	
12020030 NAT	
SW-I/P LP DIMR	
CAV	WIRE
A	9A
B	150B
C	156
D	44

C254

ITEM NO: 11	
12110746 BLK	
FUSE BLK	
CAV	WIRE
A2	4C
A3	243
A6	142B
A7	1540
B2	142A
B4	
B6	
B8	
C1	1240
C3	1140
C5	1040
C7	
D2	4E
D4	44
D6	
D8	742
E1	343
E3	8A
E5	
E7	640A
F2	142E
F4	740
F6	42B
F8	
G1	340
G3	542
G5	240
G7	40
H2	4B
H4	
H6	(3 -J72)
	(3B &J72)
H8	
J1	143
J3	43
J5	(139B -J72)
	(2239 &J72)
J7	39A
K2	9C
K4	
K6	(3C &J72)
K8	
L1	2309
L3	1255C
L5	(139 &J72)
L7	
M2	300
M4	
M6	
M8	
N1	341
N3	
N5	141
N7	

C084

ITEM NO: 6	
12033713 NAT	
SEAT BELT BYPASS	
CAV	WIRE
A	150G

H
G
L
U
D
C
B
A

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4

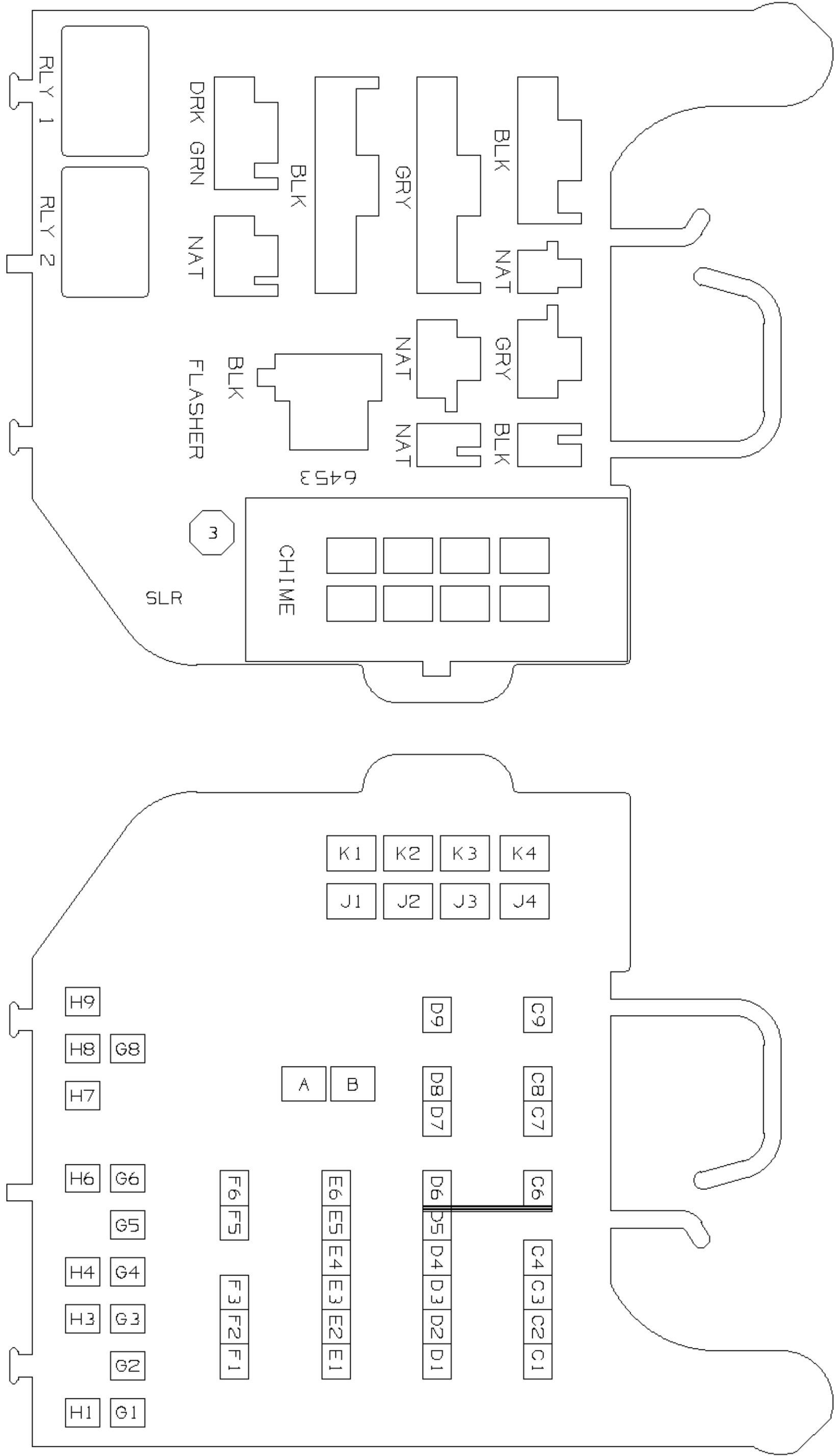
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2

1

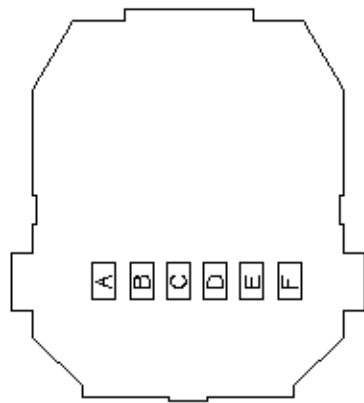
C255

ITEM NO: 3		
12146452 GRA MD		
PWR DISTR BLK		
CAV	WIRE	WIRE
A	740	740
B		
C1		
C2		1317
C3	534	534
C4		
C6	150H	150H
C7	341	341
C8	745	745
C9	275	275
D1	8E	8E
D2	1255B	1255B
D3	24	24
D4	235	235
D5	29B	29B
D6		
D7	156	156
D8	40	40
D9	234	234
E1	43	43
E2	1240	1240
E3	1140	1140
E4	1040	1040
E5	1540	1540
E6	243	243
F1		
F2		
F3		
F5	141	141
F6	17	17
G1	28	28
G2		
G3	640B	640B
G4		39E
G5		150E
G6		540
G8		
H1	29A	29A
H3	640C	640C
H4		593
H6		592B
H7		
H8		
H9		
J1		
J2		
J3		
J4		
K1		
K2		
K3		
K4		
SYMBOL	1 (&5KO #-Z49)	3 (-5KO #&Z49)



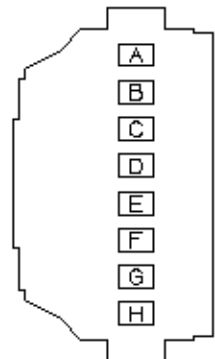
C257

ITEM NO: 2		
12040549 GRA		
DIODE NETWORK		
CAV	WIRE	
A	1134	1134D
B	235	235
C		
D	1134G	1134
E	33	33
F	680	680
SYMBOL	-J71	&J71



C258

ITEM NO: 9	
1201530B BLK	
MDL-DAYTIME RUNNING LP CONT	
CAV	WIRE
A	1134C
B	1317
C	39H
D	10B
E	11A
F	629
G	592A
H	150C
SYMBOL	3



11

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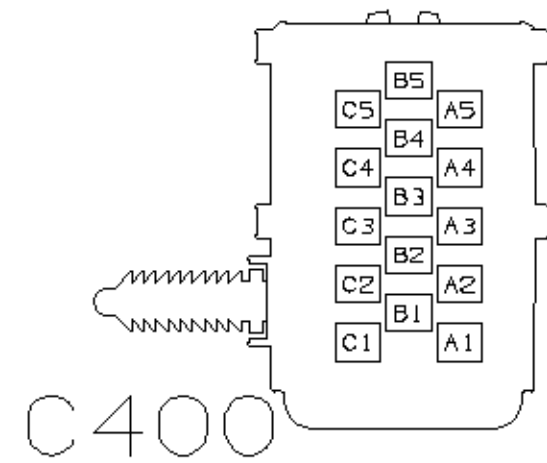
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2

1

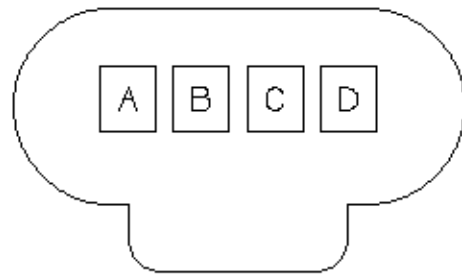
A

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G
F
E
D
C
B
A



C400

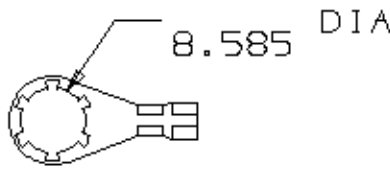
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12161187 BLK					
INLINE-TO ENG HARN					
CAV	WIRE	WIRE	WIRE	WIRE	WIRE
A1	12010300	12010300	12010300	12010300	12010300
A2	1589	1589A	1589B	1589C	1589D
A3	2759	2759A	2759B	2759C	2759D
A4	18	18A	18B	18C	18D
A5	809	809A	809B	809C	809D
B1	20	20A	20B	20C	20D
B2	24	24A	24B	24C	24D
B3	1255A	1255D	1255E	1255F	1255G
B4	150G	150H	150K	150L	150M
B5	120A	120B	120D	120G	120H
C1	12010300	12010300	12010300	12010300	12010300
C2	12010300	12010300	12010300	12010300	12010300
C3	12010300	12010300	12010300	12010300	12010300
C4	19	19A	19B	19C	19D
C5	609	609A	609B	609C	609D
SYMBOL	1	2	3	4	5



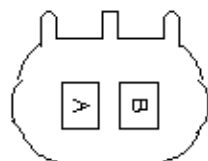
C405

ITEM NO: 15					
15326631 BLK					
INLINE - TO FUEL SDR HARN					
CAV	WIRE	WIRE	WIRE	WIRE	WIRE
A	150E	150E	150E	150E	150E
B	1589	1589A	1589B	1589C	1589D
C	2759	2759A	2759B	2759C	2759D
D	120E	120E	120E	120E	120E
SYMBOL	1	2	3	4	5

8.839

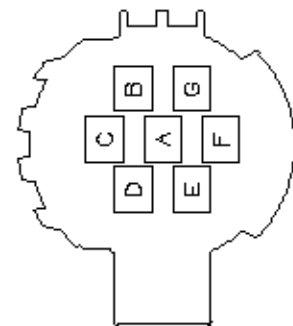


WIRE
CHAS_GND
150A



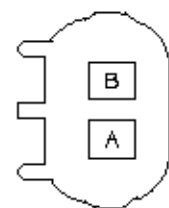
C402

ITEM NO: 22	
15300002 BLK	
INLINE-TO BODY BUILDER	
CAV	WIRE
A	1255B
B	12010300



C403

ITEM NO: 10					
12110753 BLK					
INLINE-TO T/LP HARN					
CAV	WIRE	WIRE	WIRE	WIRE	WIRE
A	809	809A	809B	809C	809D
B	18	18A	18B	18C	18D
C	19	19A	19B	19C	19D
D	150F	150J	150J	150J	150J
E	609	609A	609B	609C	609D
F	1255C	1255H	1255H	1255H	1255H
G	24	24A	24B	24C	24D
SYMBOL	1	2	3	4	5



C404

ITEM NO: 26					
15300002 BLK					
INLINE-TO T/LP HARN					
CAV	WIRE	WIRE	WIRE	WIRE	WIRE
A	12010300	12010300	12010300	12010300	12010300
B	20	20A	20B	20C	20D
SYMBOL	1	2	3	4	5

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A

11 10 9 8 7 6 5 4 3 2 1

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C
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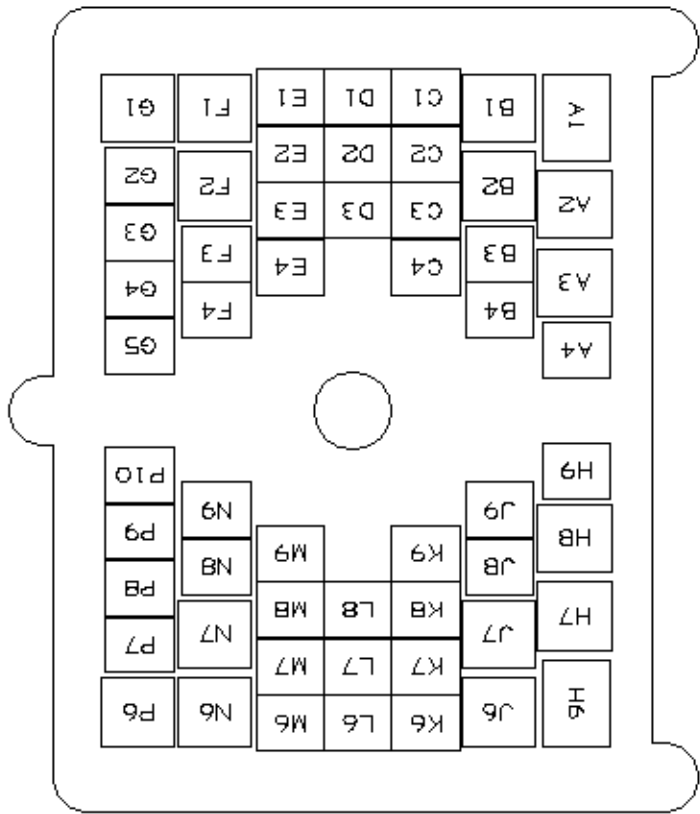
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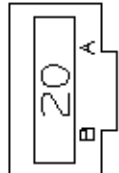
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1



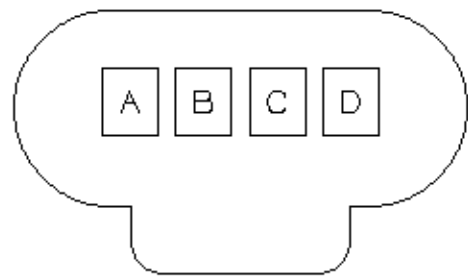
C250

ITEM NO: 17	
12186731 GRA MD	
INLINE-TO I/P HARN	
CAV	WIRE
A1	3
A2	
A3	
A4	
B1	
B2	150A
B3	
B4	
C1	1589
C2	
C3	
C4	
D1	2759
D2	867
D3	
E1	
E2	
E3	
E4	
F1	
F2	
F3	
F4	
G1	
G2	
G3	
G4	
G5	
H6	
H7	
H8	
H9	
J6	
J7	
J8	
J9	
K6	
K7	
K8	
K9	
L6	150C
L7	
L8	
M6	39C
M7	
M8	419
M9	
N6	
N7	
N8	
N9	
P6	
P7	120A
P8	
P9	
P10	



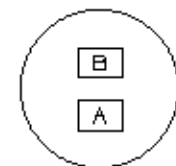
C272

ITEM NO: 16	
12010105 BLK	
FUSE-GA	
CAV	WIRE
A	3
B	39J



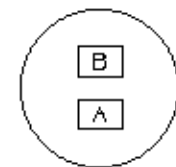
C274

ITEM NO: 4	
15326631 BLK	
SDR-FUEL	
CAV	WIRE
A	150B
B	1589
C	2759
D	120



C275

ITEM NO: 2	
12004264 BLK	
LP-CHECK ENG	
CAV	WIRE
A	39A
B	419



C276

ITEM NO: 1	
12004264 BLK	
LP-ANTILOCK BRK IND	
CAV	WIRE
A	39B
B	867

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