

WIRING DIAGRAMS

All diagrams contained in this manual are based on the latest product information available at the time of publication approval. The right is reserved to make changes at any time without notice.

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VEHICLE

- CK Truck
- G Van
- P Model
- ST Truck
- M Van
- RV Truck

DESCRIPTION

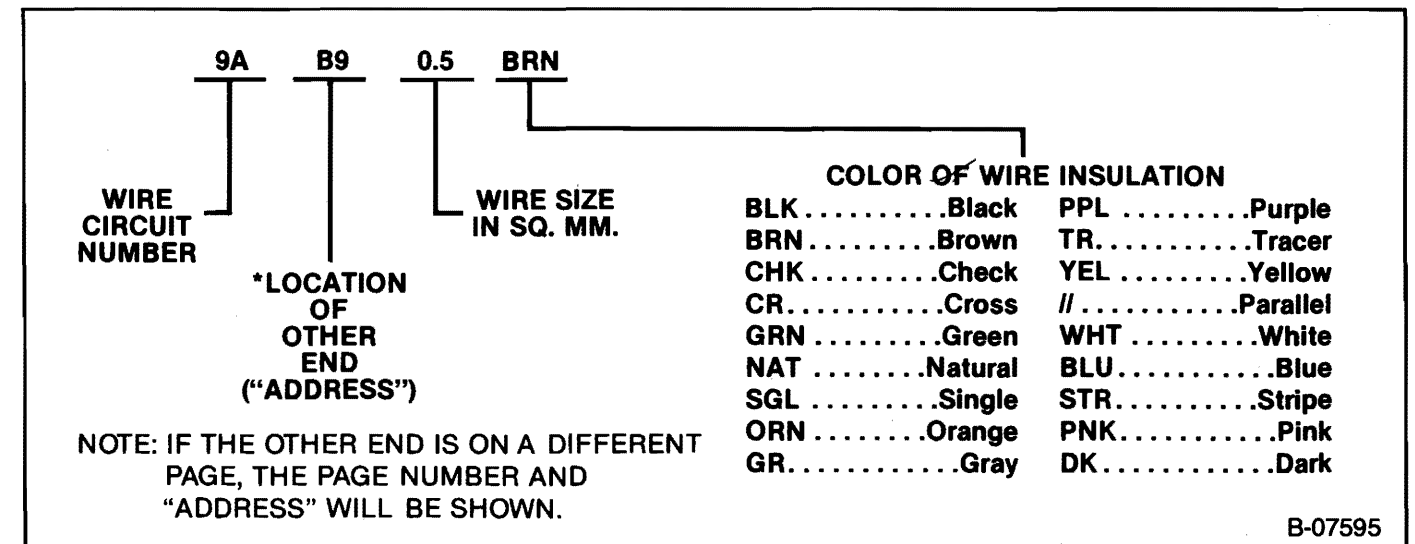


Figure 1—Wire Coding

The wiring diagrams in this manual use a format which reduces the number of lines on a schematic by showing each wire connection at the terminals and components, but only one wire for the wiring harness.

The wiring diagrams use an alpha-numerical grid and an address for each wire entering the harness to show where it comes out. If the other end of the wire is on a different page, the page number and address will be shown at the bottom right hand corner of the schematic. Figure 1 explains the wire coding. The contents page lists the harnesses by section number and name.

TRACING CIRCUITS

EXAMPLE: CRUISE CONTROL POWER SOURCE WITH THE MANUAL TRANSMISSION (Figure 2)

1. Circuit 139 originates at the fuse block. Refer to figure 3.
2. This format gives the address code for the next connection: the address code is N9 (part of 139A N9 0.8 PNK/BLK).
3. At location N9, the triangle with the dot in the center indicates a splice in the harness. The three wire codes indicate the "addresses" of the three wires spliced together there. D4 is wire 139A, from the fuse block.
4. Wire 139B is "addressed" to F4. F4 is located at the cruise control activator connector. It is the 0.8 PNK/BLK wire. The code at this location refers back to the splice at N9.
5. Wire 139C at this splice is "addressed" to R4. At location code R4, wire 139C is the 0.8 PNK/BLK wire to terminal C of the speed sensor connector. The "address" at this location refers back to the splice at N9.

6. The single vertical line (location of D9 through R9) represents the wiring harness. The three points labeled 6 indicate where wire 139 enters (or leaves) the harness.

CRUISE CONTROL GROUND CIRCUITS (Figure 4)

1. The system is grounded at the bus bar ground. The ground wire is coded 150B I9 0.8 BLK. This indicates that 150B is a black wire and the next address is I9.
2. This is where the ground wire enters the harness.
3. There is a splice in the harness at I9. This is indicated by the triangle with the dot in the center. It has four wire codes, indicating that four wires are spliced there: 150A, 150B, 150C and 150D.
4. At location M13, wire 150A connects to pin C of the six terminal connector.
5. 150A at location M13 mates to wire 150E, which is addressed J13.
6. At location J13, circuit 150E is the ground wire from pin C of the servo connector.
7. Wire 150B is located at P4 (the bus bar) and is then "addressed" to splice 3 at location I9.
8. Wire 150C at splice 3 is addressed R4. Location R4 shows 150C in cavity B of the speed sensor connector.
9. Wire 150D at splice 3 is addressed H4. Location H4 shows 150D in the cruise module connector.
10. The electronic module ground and speed sensor ground enter the cruise control harness at this location.
11. The servo ground enters and leaves the servo harness at this location.
12. This is where the servo ground enters the cruise control main harness.

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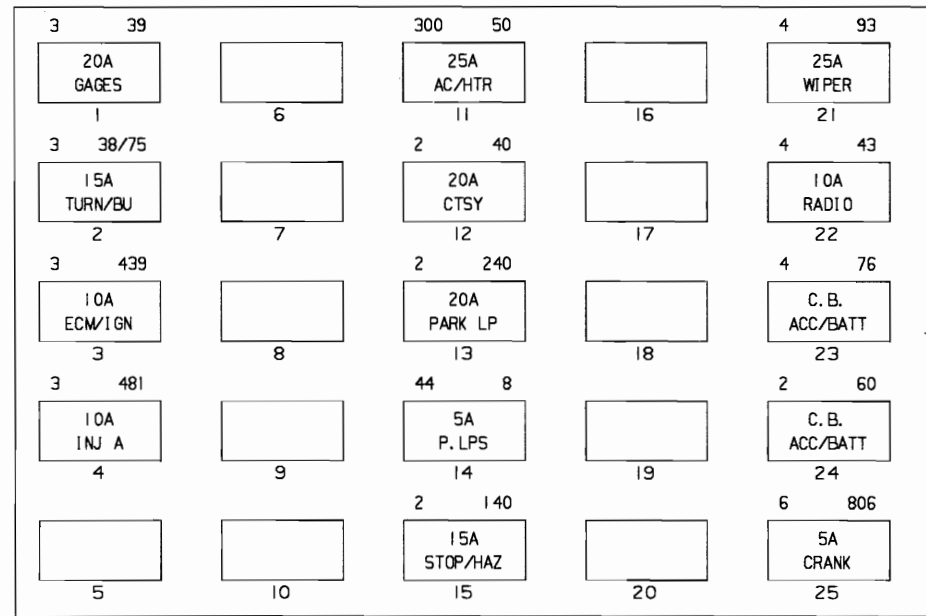


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GMT 400 TRUCK FUSE CHART

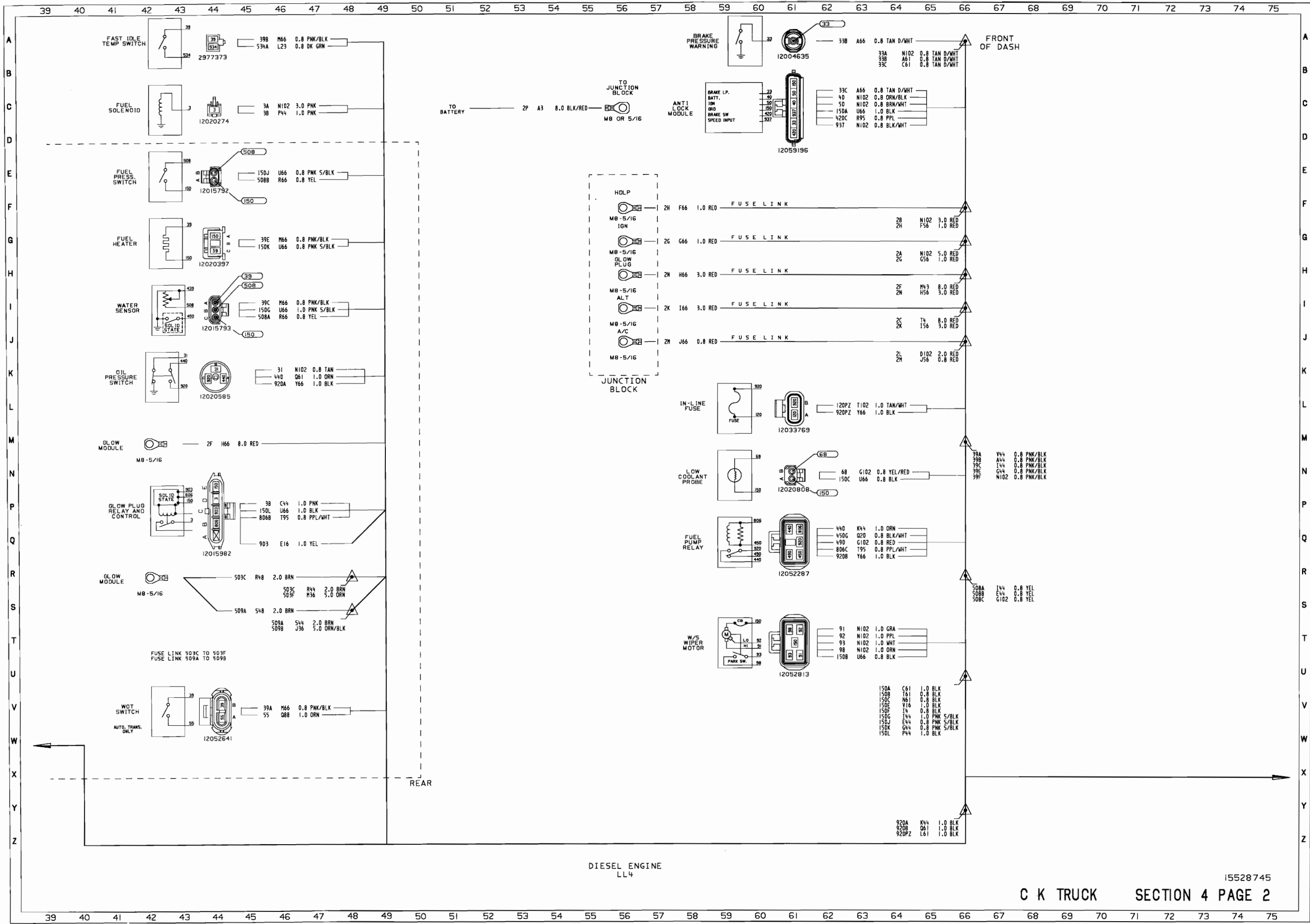
FUSE #	RATING	CIRCUIT #	DESTINATIONS
1	20A	39	CRUISE CONTROL 4 WD DISPLAY ILLUM. C49 TIMER AUX. BATT. RELAY FEED SEAT BELT BUZZER CLUSTER IGN. FEED
2	15A	38/75	BACK-UP LAMPS TURN SIGNALS
3	10A	439	T.C.C. CLUSTER-SPEEDO AIR DIVERTER E.S.C. E.G.R. E.C.M. IGN. RWAL BRAKE SWITCH
4	10A	481	THROTTLE BODY INJECTORS
5			
6			
7			
8			
9			
10			
11	25A	50	H.V.A.C. REAR WHEEL ANTILOCK 4WD AUX. BATTERY RELAY
15	15A	140	HAZZARD FLASHER SEAT BELT BUZZER STOP LAMPS RWAL MEMORY



FUSE BLOCK

GMT 400 TRUCK FUSE CHART

FUSE #	RATING	CIRCUIT #	DESTINATIONS
13	20A	240	HORN RELAY HORN FEED CIGAR LIGHTER PARK LAMPS
14	5A	8	RR WIPER SW ILLUM RR HEATER SW ILLUM RR A/C SW ILLUM C49 SW ILLUM HEADLAMP "ON" WARNING RADIO ILLUM HVAC ILLUM
12	20A	40	DOME LAMP CARGO LAMP TR9-CTSY & GLOVE BOX LP RADIO (MEMORY-CLOCK)
16			
17			
18			
19			
20			
21	25A	93	WINDSHIELD WIPER WASHER
22	10A	43	RADIO FEED
23	(C.B.)	76	PWR WINDOWS RR WIPER (SUBURBAN)
24	(C.B.)	60	DOOR LOCKS C49 PWR SEATS (SUBURBAN)
25	15A	806	CRANK DISCREET

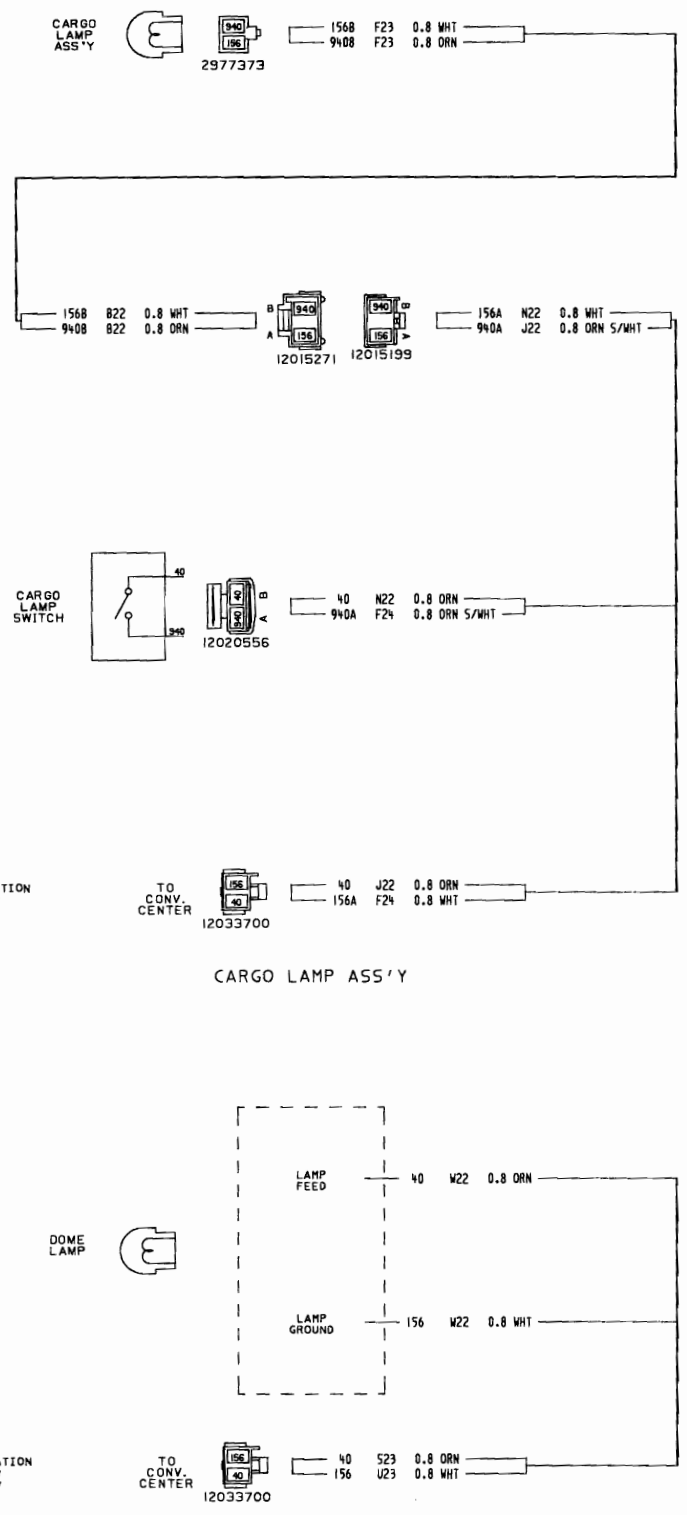
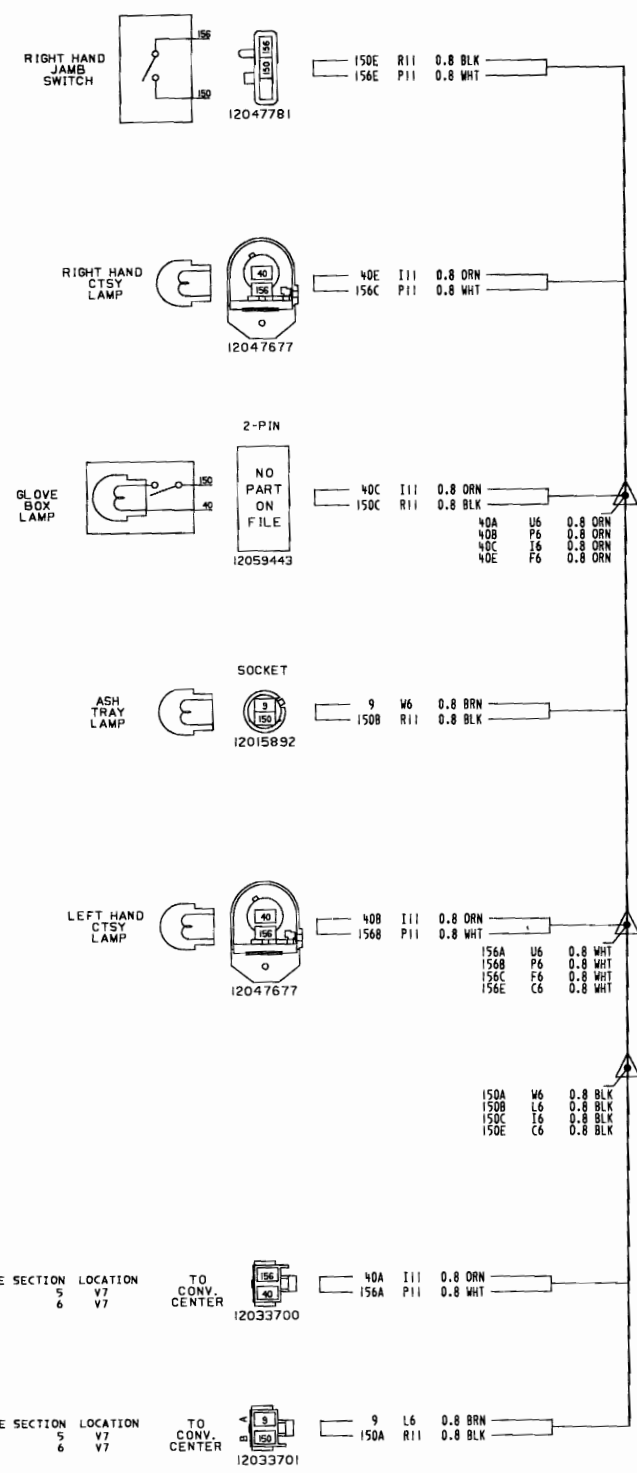


DIESEL ENGINE
LL4

15528745

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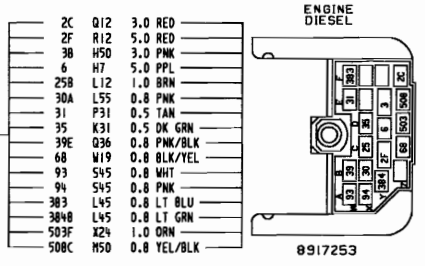
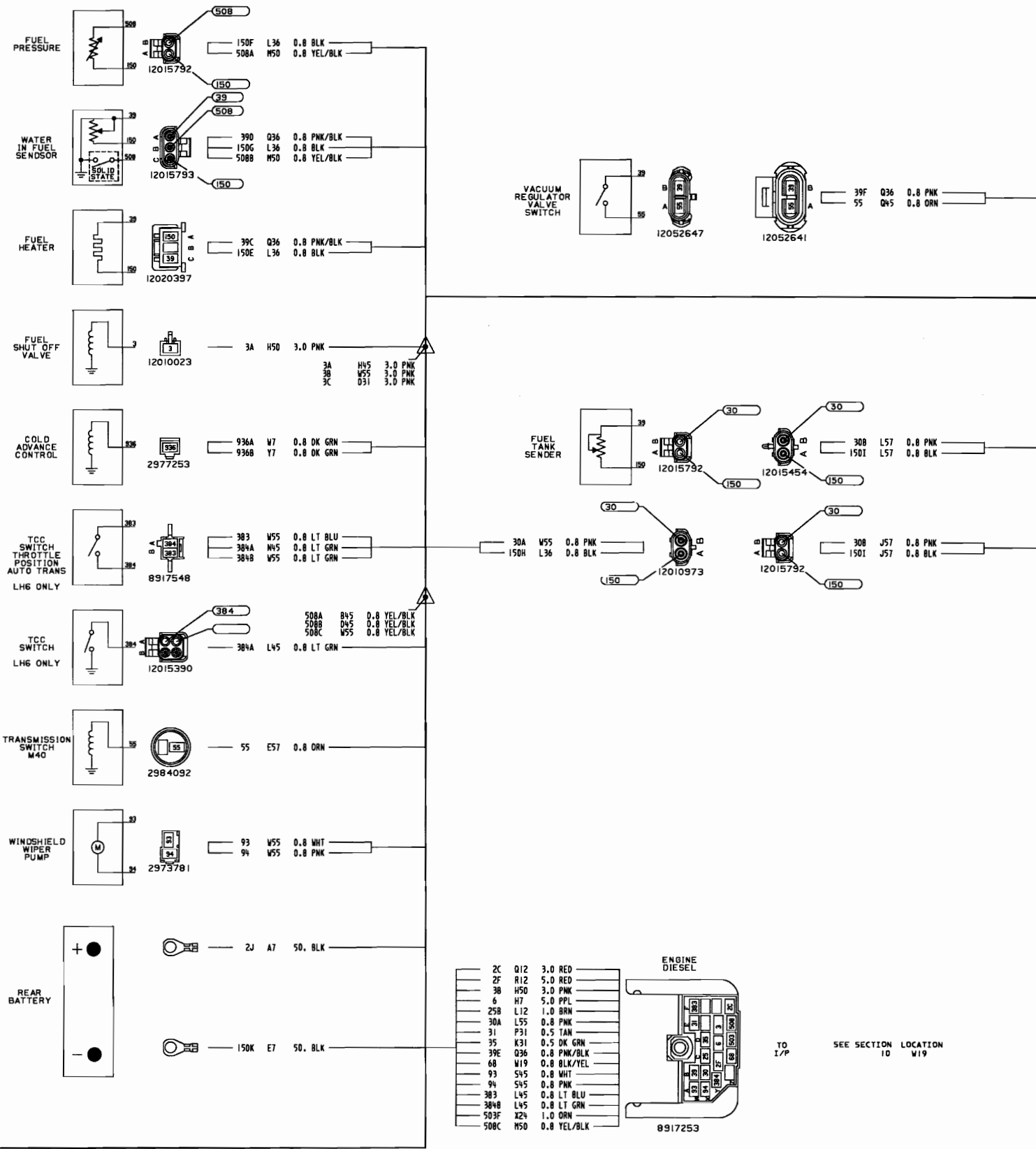
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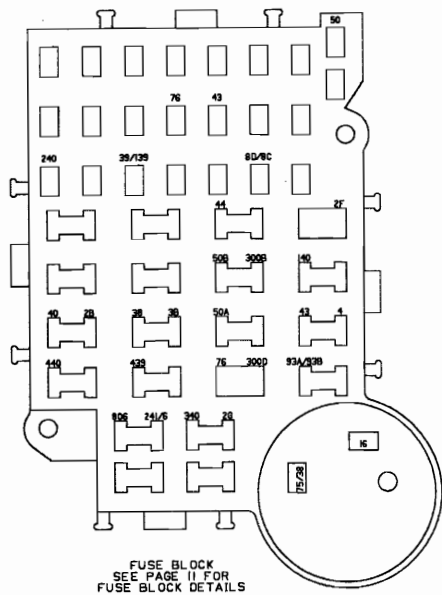


TO I/P SEE SECTION 10 LOCATION W19

ENGINE HARNESS DIESEL

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

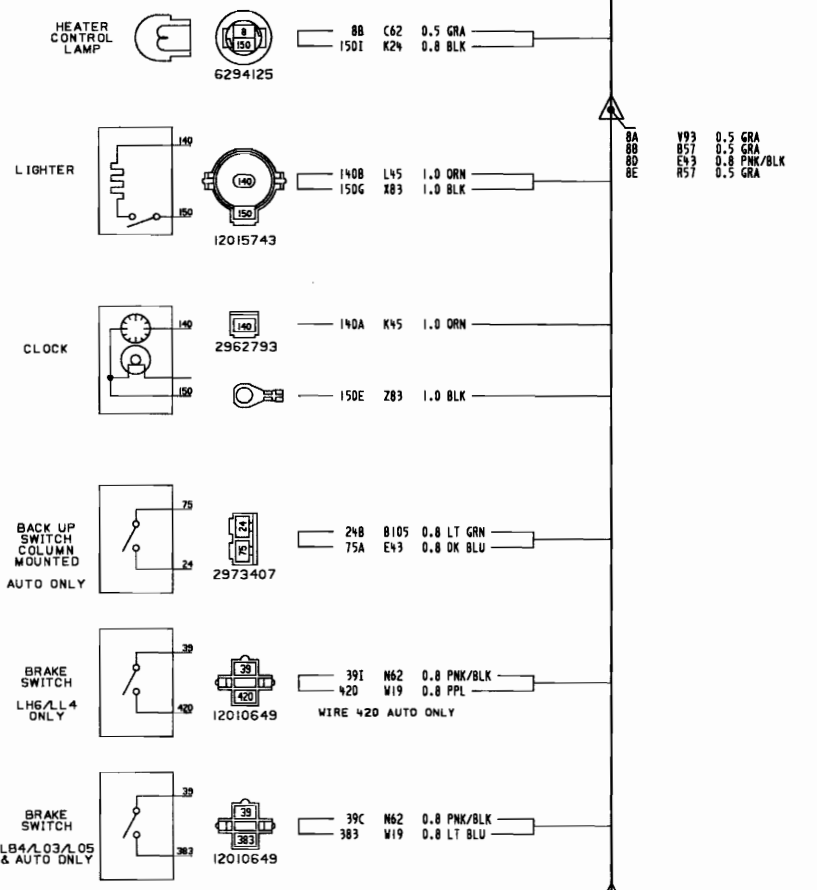


28	W19	3.0	RED
2F	N24	3.0	RED
2G	N24	1.0	RED
38	W19	3.0	PNK
4	G19	3.0	BRN
6D	R24	5.0	PPL
8C	R83	0.5	GRA
8D	C62	0.8	PNK/BLK
16	R57	0.8	PPL
39G	N62	0.8	PNK/BLK
40	J19	0.8	ORN
44	J19	1.0	DK GRN
50	E7	2.0	BRN
75A	157	0.8	DK BLU
75B	W19	0.8	DK BLU
93A	W19	0.8	WHT
93B	M7	0.8	WHT
139	F83	0.8	PNK/BLK
140D	B19	0.8	ORN
140E	R83	0.8	ORN
240B	H83	1.0	ORN
241	W19	0.8	BRN/WHT
300B	H24	3.0	ORN
300D	H24	3.0	ORN
340	W19	2.0	ORN
439	W19	0.8	PNK/BLK
440	W19	0.8	ORN
806	W19	0.8	PPL

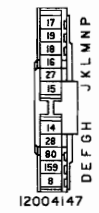
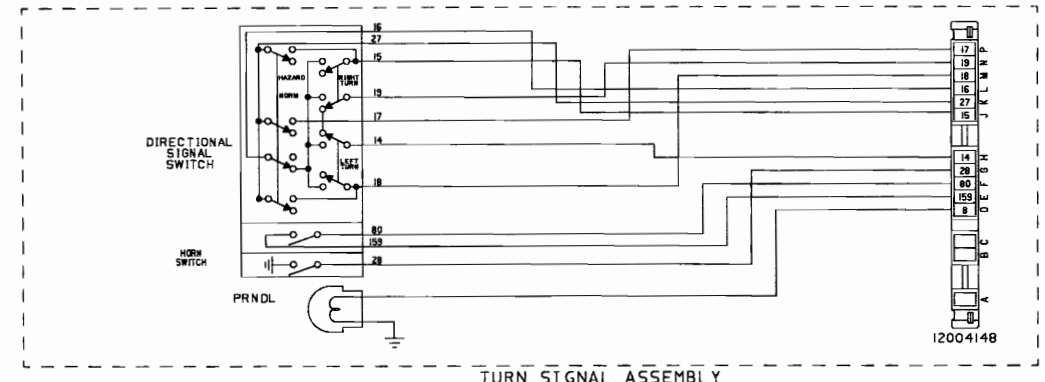
WIRE 38 & 76 JUMPED IN CONNECTOR

TO FUSE BLOCK CAVITY B 12004886

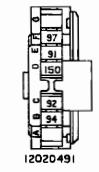
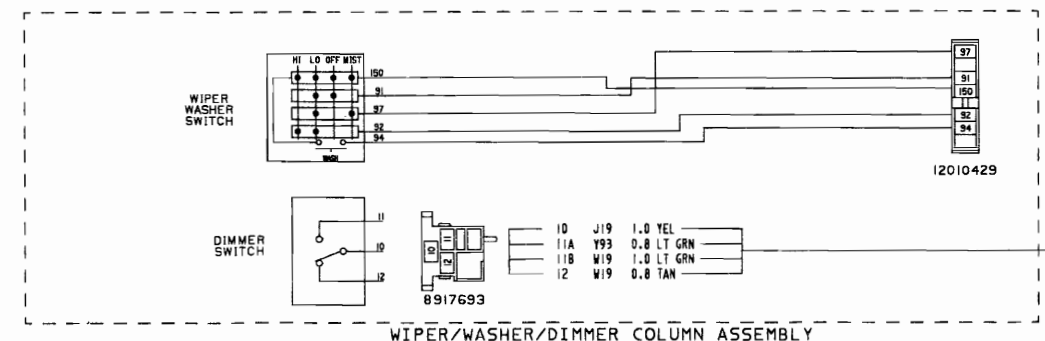
TO FUSE BLOCK CAVITY B 12004886



39A	Y93	0.5	PNK/BLK
39B	Y93	0.5	PNK/BLK
39C	M57	0.8	PNK/BLK
39D	W19	0.8	PNK/BLK
39E	R83	0.5	PNK/BLK
39G	E43	0.8	PNK/BLK
39H	L83	0.5	PNK/BLK
39I	K57	0.8	PNK/BLK



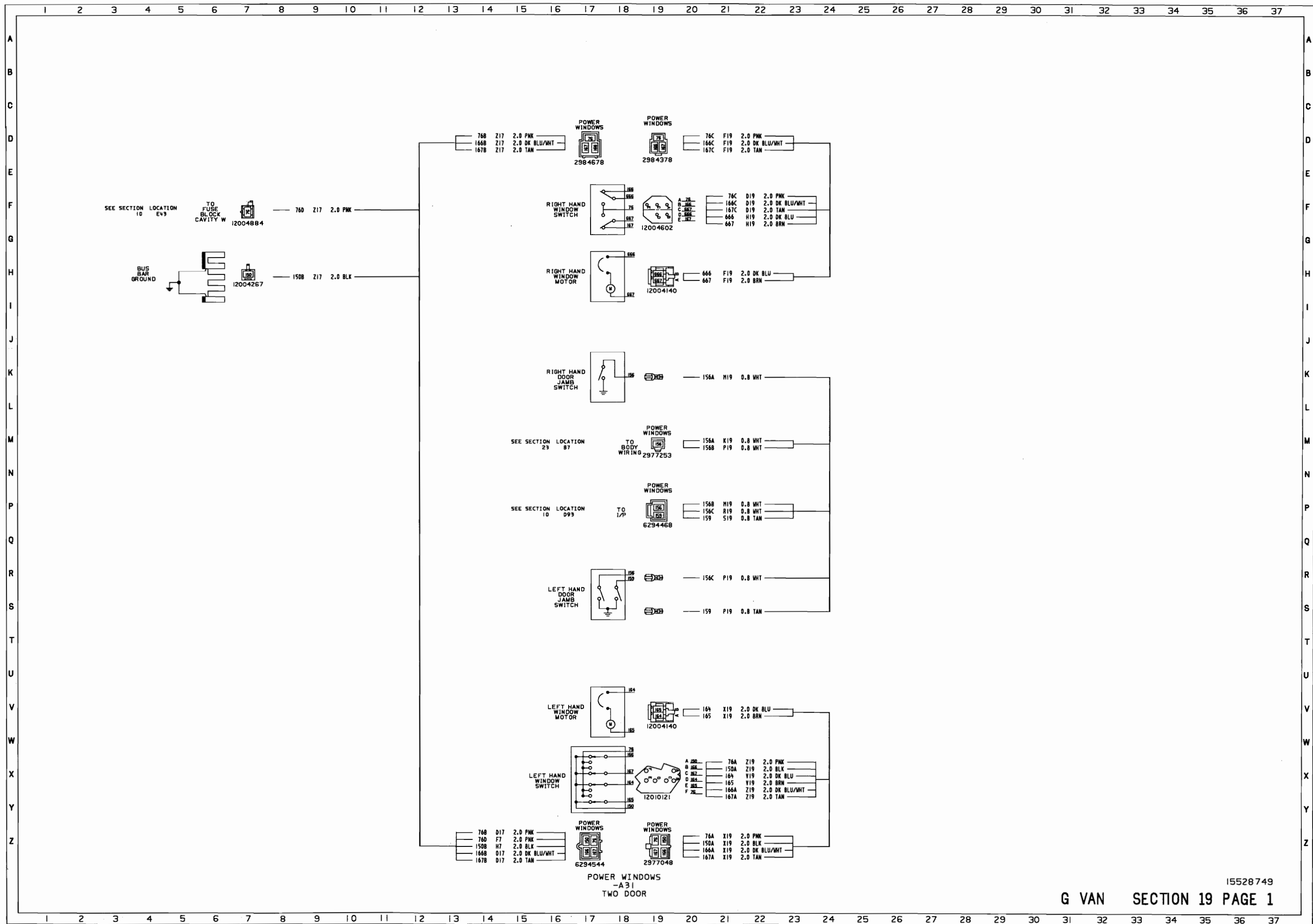
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8E	C62	0.5	GRA																																																							
14A	Y93	0.5	LT BLU																																																							
15A	Y93	0.5	DK BLU																																																							
16	E43	0.8	PPL																																																							
17	R83	0.8	WHT																																																							
18	B105	0.8	YEL																																																							
19	B105	0.8	DK GRN																																																							
27	B19	0.8	BRN																																																							
28	H83	0.5	BLK																																																							
80	R83	0.8	LT GRN																																																							
159A	O93	0.8	TAN																																																							



91	M7	0.8	GRA
92	M7	0.8	PPL
94	W19	0.8	PNK
97	M7	0.8	BLK/LT BLU
150J	K24	0.8	BLK

INSTRUMENT PANEL LB4/L03/L05 LH6/LL4 LT9

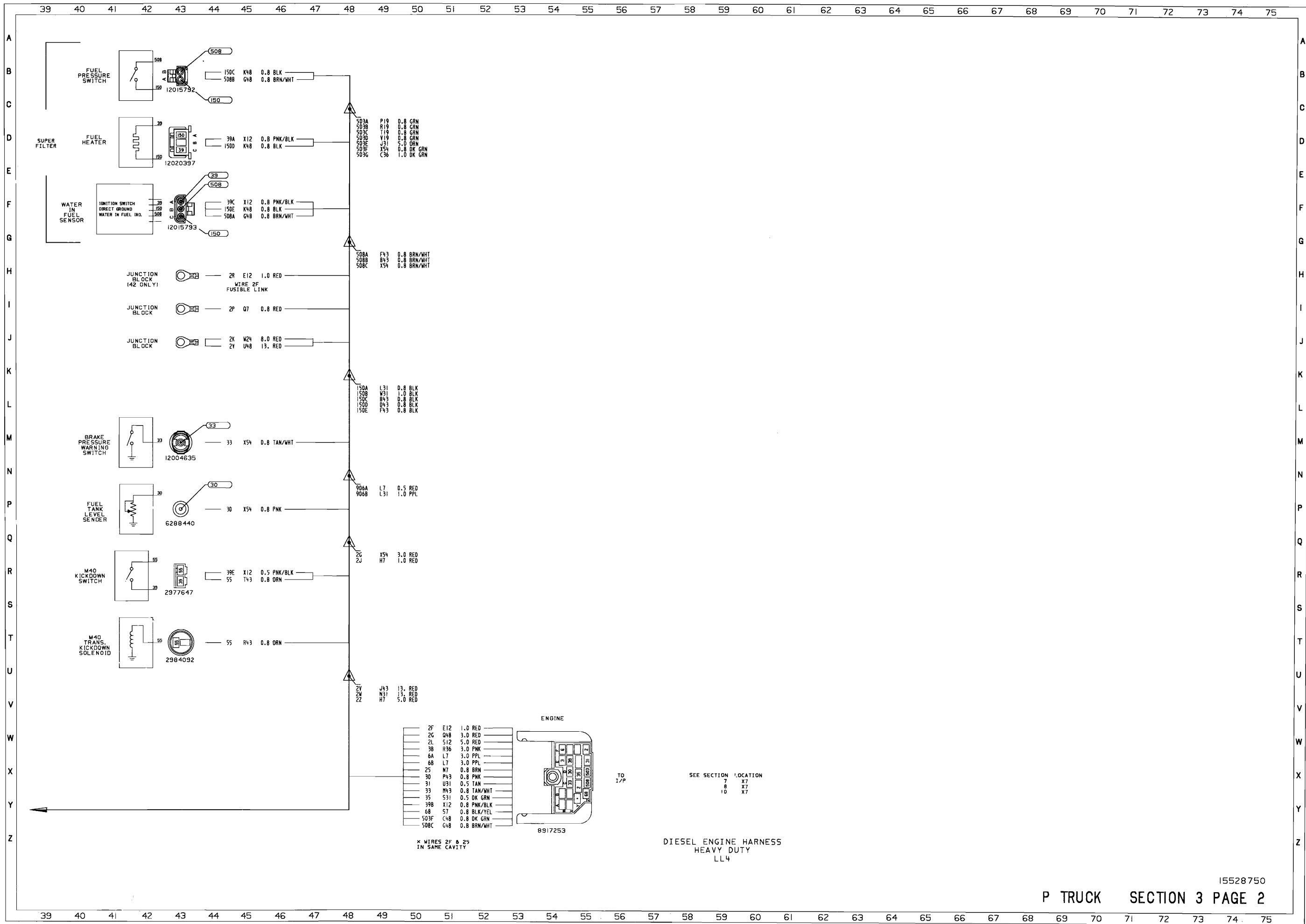
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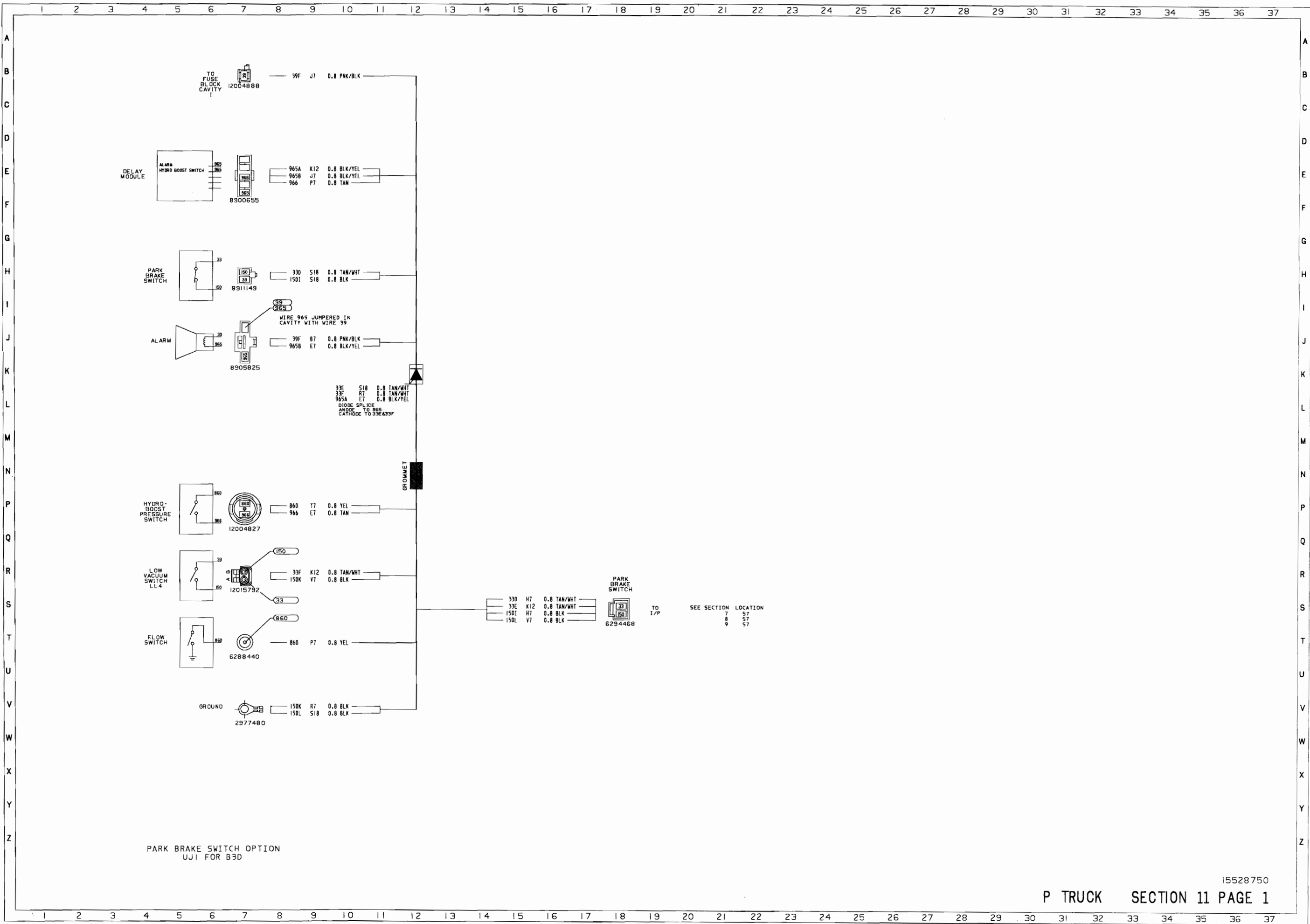
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1987 P TRUCK

<u>SECTION</u>	<u>DESCRIPTION</u>
	FUSE BLOCK DETAILS
1	FORWARD LAMP
2	ENGINE HARNESS (L05)
3	ENGINE HARNESS (LL4)
4	ENGINE HARNESS (LT9)
5	ENGINE HARNESS (LE8)
6	ENGINE HARNESS (LE8) MAG SWITCH
7	INSTRUMENT PANEL (LE8/LL4)
8	INSTRUMENT PANEL (LL4/LT9/LE8)
9	INSTRUMENT PANEL (L05)
10	INSTRUMENT PANEL (LL4)
11	PARK BRAKE SWITCH OPTION
12	BODY WIRING
13	REAR LAMP WIRING
14	TBI DRIVE AWAY (L05) DRIVE AWAY (LE8/LT9)
15	ENGINE HARNESS (L25)L6)



15528750



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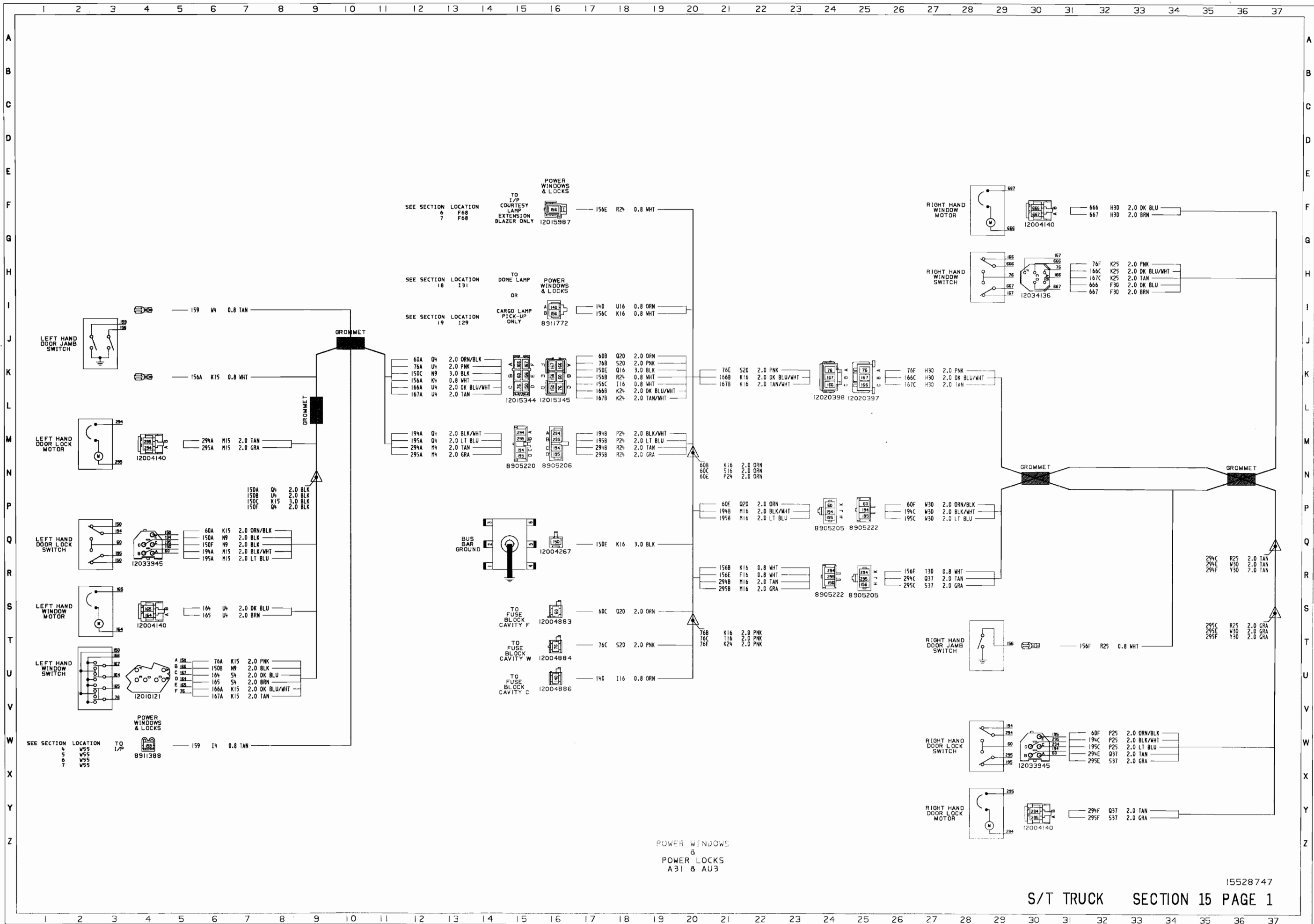
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TO
TYP
COURTESY
LAMP
EXTENSION
BLAZER ONLY

SEE SECTION 6 LOCATION F08 F08

156E R24 0.8 WHT

12015987

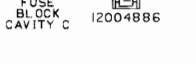
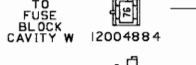
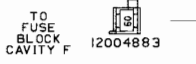
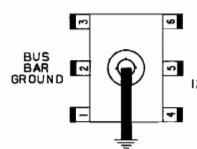
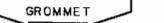
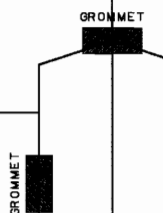
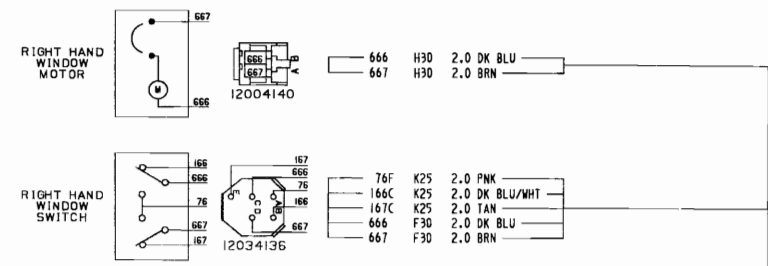
TO
DOVE LAMP
OR
CARGO LAMP
PICK-UP
ONLY

SEE SECTION 18 LOCATION 131

140 U16 0.8 ORN

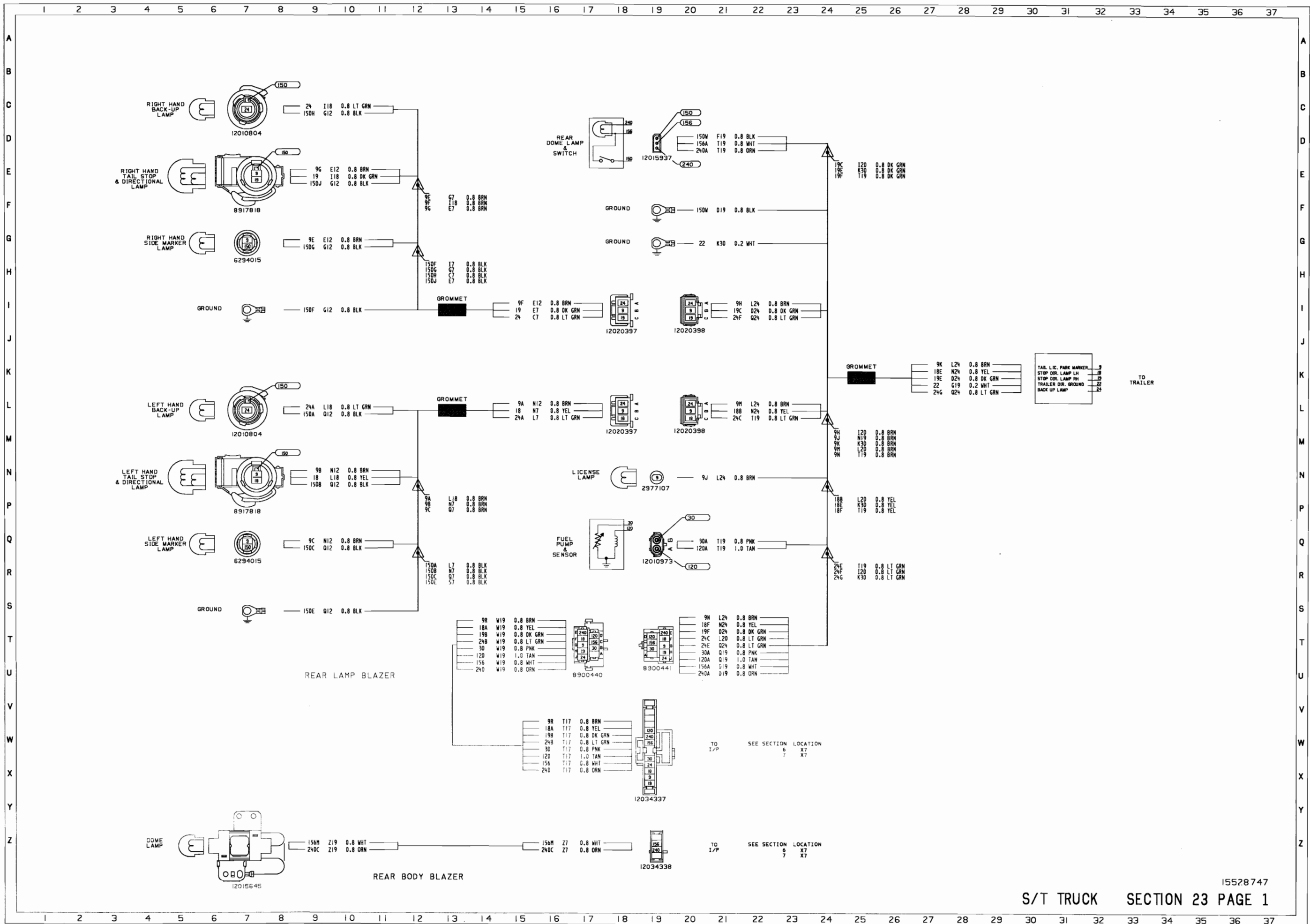
156C K16 0.8 WHT

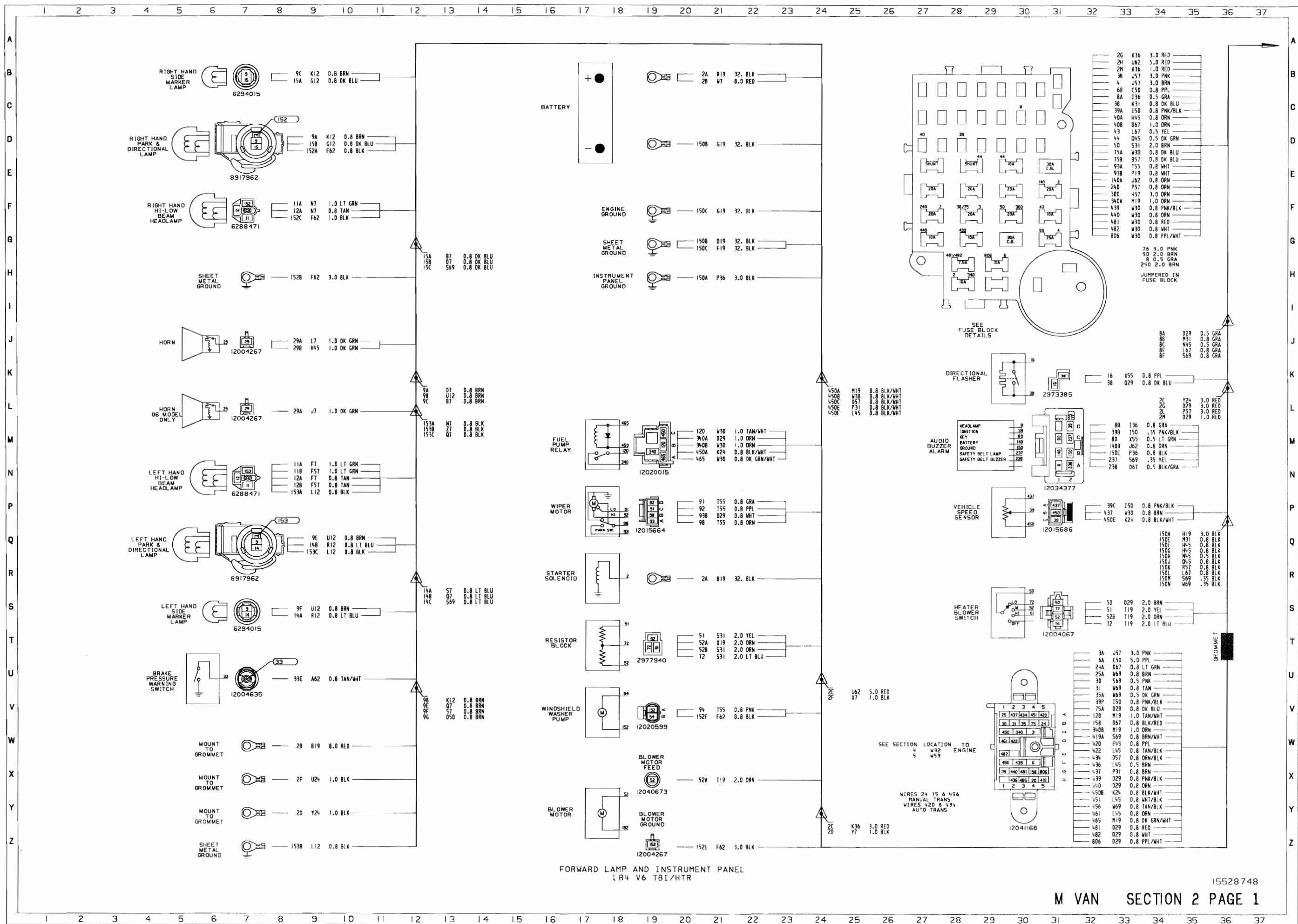
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POWER WINDOWS & POWER LOCKS A31 & AU3

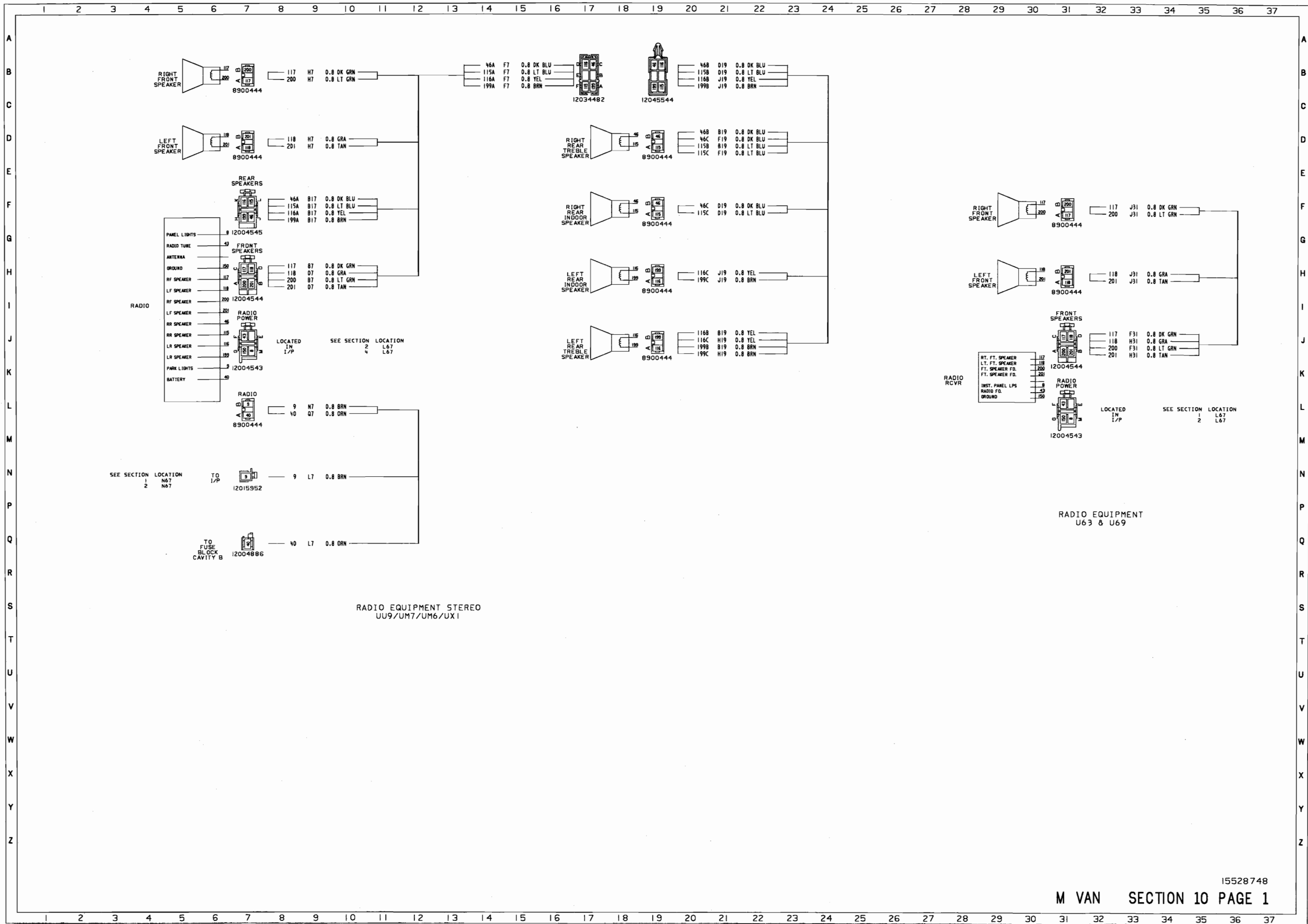
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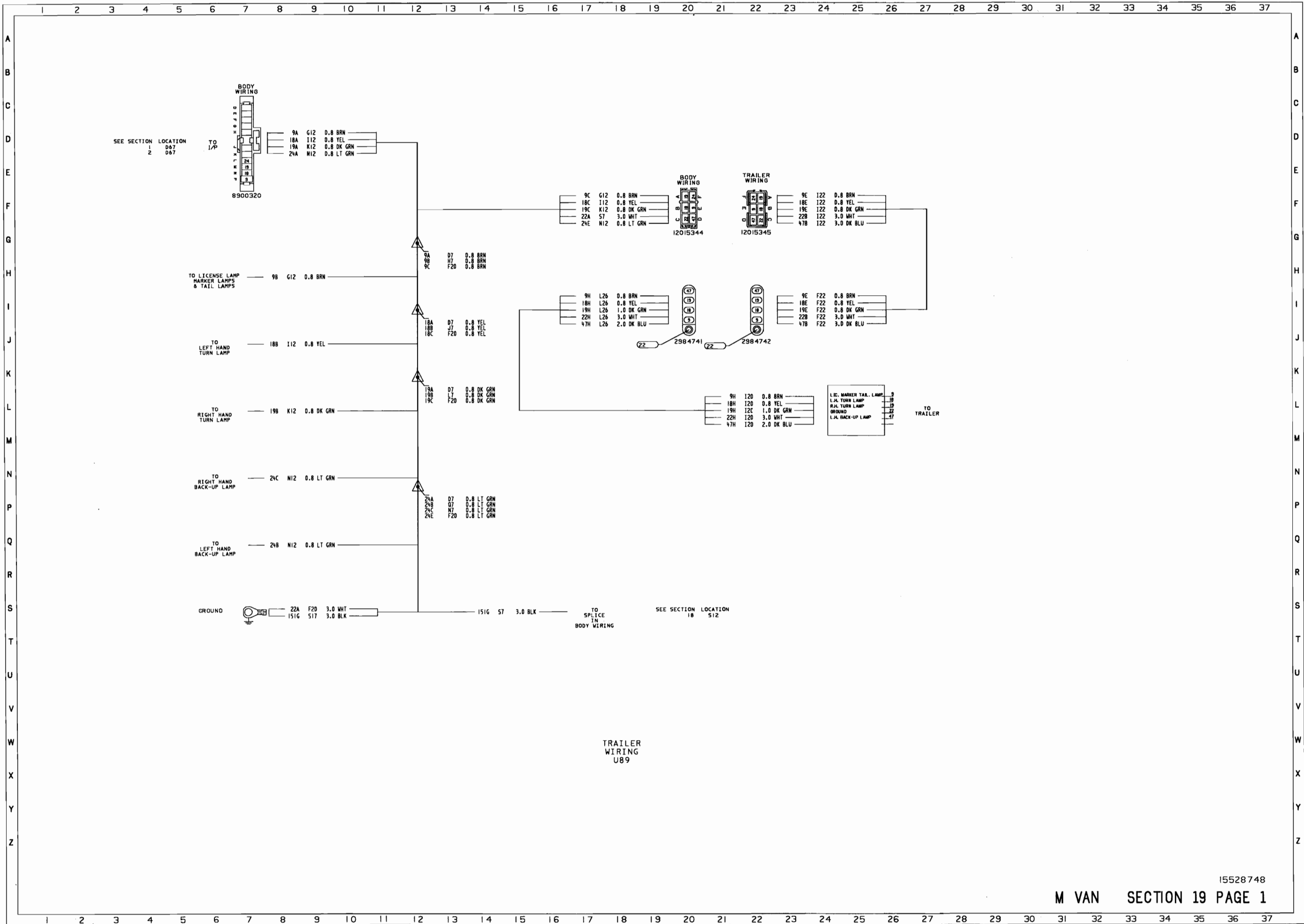




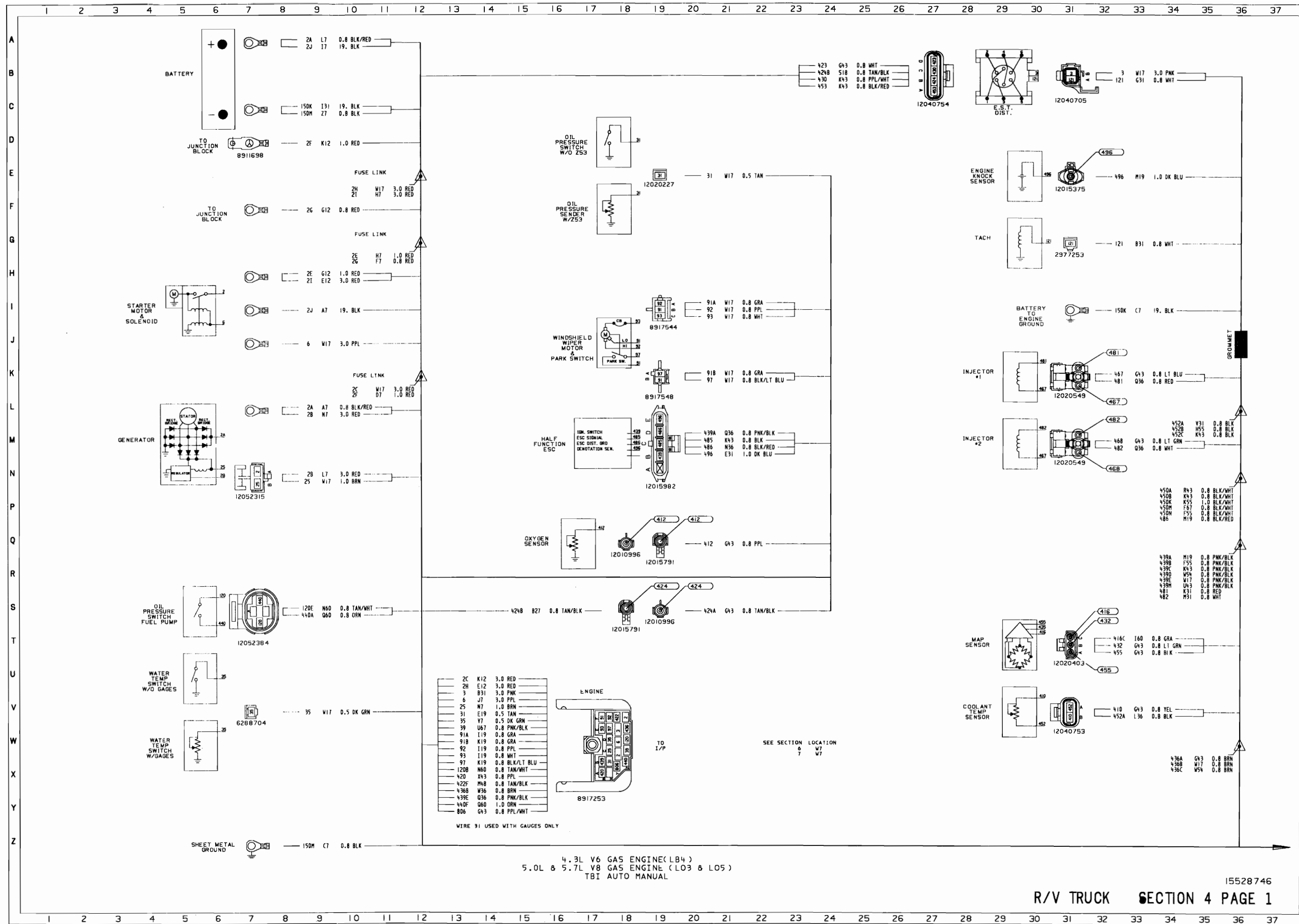
FORWARD LAMP AND INSTRUMENT PANEL
 LB4 V6 TBI/HTR

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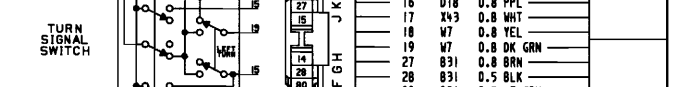
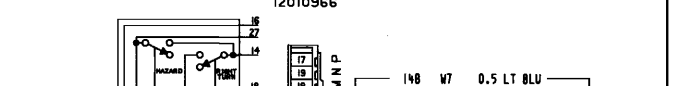
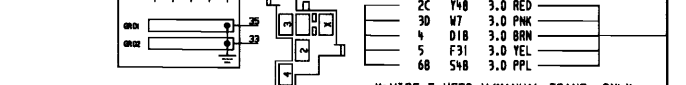
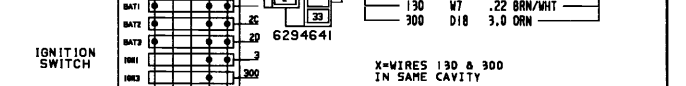
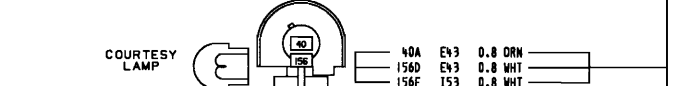
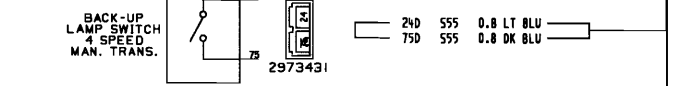
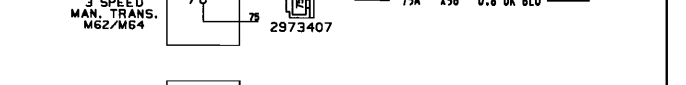
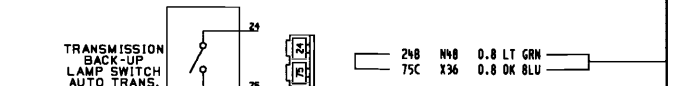
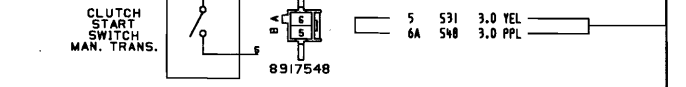
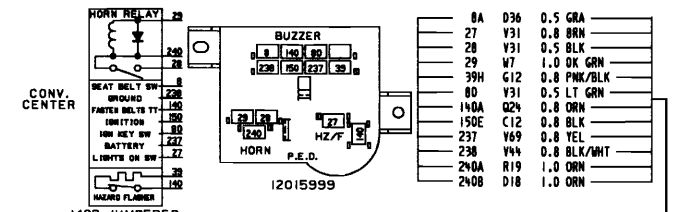
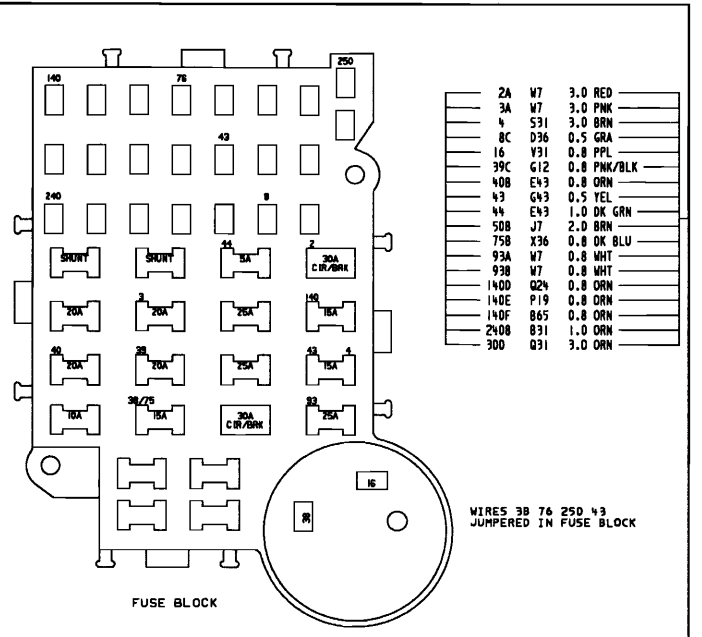


2C	K12	3.0 RED
2H	E12	3.0 RED
3	B31	3.0 PPK
6	J7	3.0 PPL
25	N7	1.0 BRN
31	E19	0.5 TAN
35	V7	0.5 DK GRN
39	U67	0.8 PPK/BLK
91A	I19	0.8 GRA
91B	K19	0.8 GRA
92	I19	0.8 PPL
93	I19	0.8 WHT
97	K19	0.8 BLK/LT BLU
120B	N60	0.8 TAN/WHT
420	X43	0.8 PPL
422F	M48	0.8 TAN/BLK
436B	M36	0.8 BRN
439E	Q36	0.8 PPK/BLK
440F	Q60	1.0 DRN
806	G43	0.8 PPL/WHT

450A	R43	0.8 BLK/WHT
450B	K43	0.8 BLK/WHT
450K	K55	1.0 BLK/WHT
450M	F67	0.8 BLK/WHT
450N	F55	0.8 BLK/WHT
486	M19	0.8 BLK/RED
439A	M19	0.8 PPK/BLK
439B	F55	0.8 PPK/BLK
439C	K43	0.8 PPK/BLK
439D	M54	0.8 PPK/BLK
439E	W17	0.8 PPK/BLK
439H	U43	0.8 PPK/BLK
481	K31	0.8 RED
482	M31	0.8 WHT

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2A	D18	3.0	RED
2B	E43	3.0	RED
2E	Y48	3.0	RED
3A	D18	3.0	PNK
3D	S31	3.0	PNK
4C	S48	3.0	PPL
9A	E43	0.8	BRN
11A	H19	1.0	LT GRN
11B	V69	0.8	LT GRN
12	H19	0.8	TAN
14A	V69	0.5	LT BLU
14B	V31	0.5	LT BLU
15A	V31	0.5	DK BLU
15B	V69	0.5	DK BLU
18	V31	0.8	TEL
19	V31	0.8	DK GRN
24C	N48	0.8	LT GRN
29	B31	1.0	DK GRN
30	V69	0.5	PNK
31	V69	0.5	TAN
33B	V69	0.5	TAN/WHT
33C	Q31	0.5	TAN/WHT
35B	V69	0.5	DK GRN
39F	G12	0.8	PNK/BLK
91	B43	0.8	GRA
92	B43	0.8	PPL
93A	D18	0.8	WHT
93B	D18	0.8	WHT
94	B43	0.8	PNK
97	B43	0.8	BLK/LT BLU
130	Q31	2.2	BRN/WHT

SEE SECTION LOCATION 15 J16 J33

SEE SECTION LOCATION 14 J29

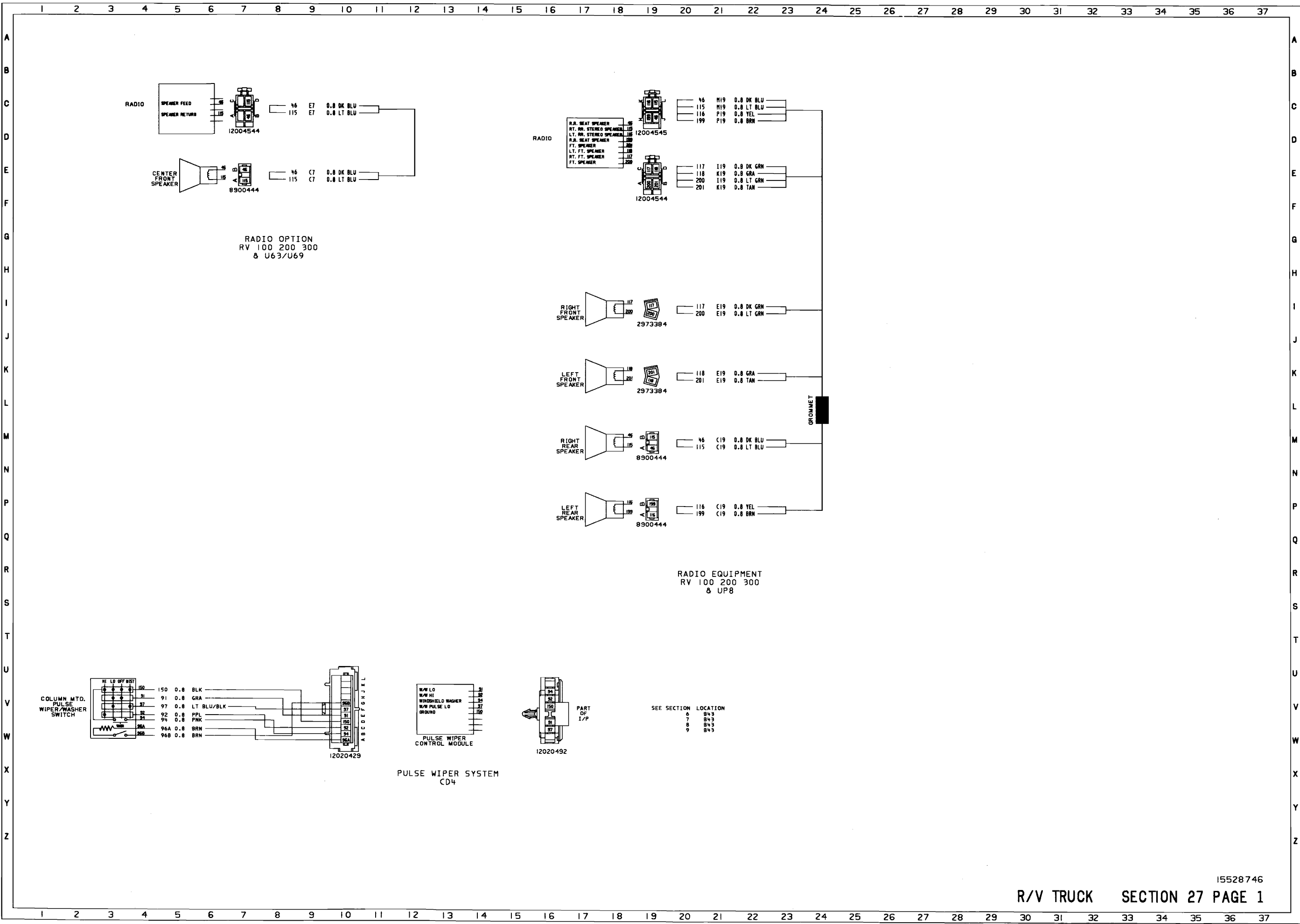
SEE SECTION LOCATION 38 W7

SEE SECTION LOCATION 1 W19 W17

SEE SECTION LOCATION 5 W57

WIRE 9B JUMPED TO 9A IN CONNECTOR

I/P DIESEL HARNESS WITH GAGES (LH6&LL4)



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