

CLV10



1991 Service Manual

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INTRODUCTION

How to Use This Manual

This manual is divided into 14 sections. The first page of each section is marked with a black tab that lines up with one of the thumb index tabs on this page and the back cover. You can quickly find the first page of each section without looking through a full table of contents. The symbols printed at the top corner of each page can also be used as a quick reference system.

Each section includes:

1. A table of contents, or an exploded view index showing:
 - Parts disassembly sequence.
 - Bolt torques and thread sizes.
 - Page references to descriptions in text.
2. Disassembly/assembly procedures and tools.
3. Inspection.
4. Testing/troubleshooting.
5. Repair.
6. Adjustments.

Special Information

▲WARNING Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

CAUTION: Indicates a possibility of personal injury or equipment damage if instructions are not followed.

NOTE: Gives helpful information.

CAUTION: Detailed descriptions of *standard* workshop procedures, safety principles and service operations are not included. Please note that this manual does contain warnings and cautions against some specific service methods which could cause **PERSONAL INJURY**, or could damage a vehicle or make it unsafe. Please understand that these warnings cannot cover all conceivable ways in which service, whether or not recommended by HONDA, might be done, or of the possible hazardous consequences of each conceivable way, nor could HONDA investigate all such ways. Anyone using service procedures or tools, whether or not recommended by HONDA, *must satisfy himself thoroughly* that neither personal safety nor vehicle safety will be jeopardized.

All information contained in this manual is based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice. No part of this publication may be reproduced, stored in retrieval system, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher. This includes text, figures and tables.

First Edition 8/90, 1034 pages
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Specifications Apply to U.S.A. and Canada

HONDA MOTOR CO., LTD.
Service Publication Office

General Info



Special Tools



Specifications

specs

Maintenance



Engine



Cooling



Fuel and Emissions



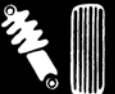
Transaxle



Steering



Suspension



Brakes



Body



Heater and
Air Conditioner



Electrical





General Information

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Chassis and Paint Codes

U.S. Model

Vehicle Identification Number

1HGED354 * ML000001

Manufacturer, Make and

Type of Vehicle

1HG: HONDA OF AMERICA MFG.,
INC., HONDA, Passenger car
2HG: HONDA OF CANADA MFG.,
INC., HONDA, Passenger car
JHM: HONDA MOTOR CO., LTD.,
HONDA, Passenger Car

Line/Body and Engine type

ED3: CIVIC 1500 Sedan
ED4: CIVIC 1600 Sedan
ED6: CIVIC 1500 Hatchback
ED7: CIVIC 1600 Hatchback

Transmission and Body Type

3: 4-speed and 5-speed manual/
2-Door Hatchback
4: 4-speed automatic/2-Door
Hatchback
5: 5-speed manual/4-Door Sedan
6: 4-speed automatic/4-Door Sedan

Model

4: STD (ED6), DX (ED3)
5: DX (ED6), LX (ED3)
6: Si (ED7), EX (ED4)

Check Digit

Model Year

M: 1990

Factory

H: Ontario Factory in CANADA
L: Ohio Factory in U.S.A. (East Liberty)
S: Suzuka Factory in JAPAN

Serial Number

Ohio-made: 000001~
Ontario-made: 500001~
Suzuka-made: 000001~

Engine Number

D15B1-42 00001

Engine Type

D15B1: 1500 Dual-point Fuel injection
70 HP Engine
D15B2: 1500 Dual-point Fuel injection
93 HP Engine
D16A6: 1600 Multi-point Fuel injection
105 HP Engine

Emission Group (Vehicle/Engine)

Hatchback
42: California (Ontario/Ohio)
46: 49ST (Ontario/Ohio)
Sedan
41: 49ST (Suzuka/Suzuka)
42: California (Ohio/Ohio)
41: California (Suzuka/Suzuka)
45: 49th (Ohio/Suzuka)
46: 49ST (Ohio/Ohio)

Serial Number

Transmission Number

L3-2000001

Transmission Type

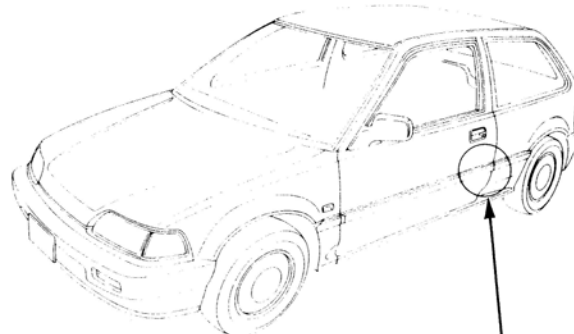
L3: Manual 4-speed and Manual 5-speed
ML4A: Automatic

Serial Number

L3: 2000001~
ML4A: 6000001~

Paint Code

Paint Code	Color
Hatchback	
NH-537M	Pewter Gray Metallic
NH-538	Frost White
NH-526M	Flint Black Metallic
R-63	Rio Red
B-56M	Saxony Blue Metallic
BG-28P	Tahitian Green Pearl
Sedan	
YR-501M	Cappucino Brown Metallic
NH-531M	Charcoal Granite Metallic
B-56M	Saxony Blue Metallic
R-75P	Sonoma Red Pearl
R-51	Phoenix Red
NH-538	Frost White

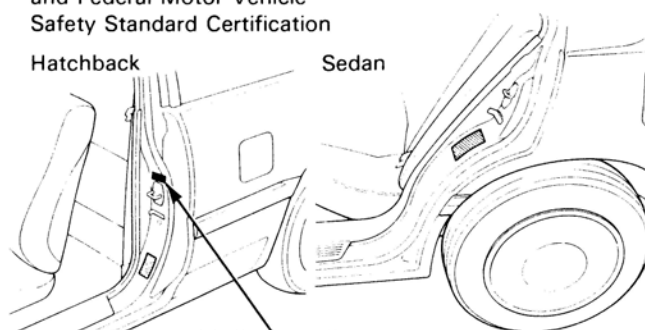


Vehicle Identification Number

and Federal Motor Vehicle
Safety Standard Certification

Hatchback

Sedan



Paint Code

COLOR
NH-537M



Chassis and Paint Codes

Canada Model

Vehicle Identification Number

JHMED354*MS800001

Manufacturer, Make and Type of Vehicle

JHM: HONDA MOTOR CO., LTD.,
HONDA, Passenger car
2HG: HONDA OF CANADA MFG.,
INC., HONDA, Passenger car

Line/Body and Engine type

ED3: CIVIC 1500 Sedan
ED6: CIVIC 1500 Hatchback
ED7: CIVIC 1600 Hatchback

Transmission and Body Type

3: 4-speed and 5-speed manual/
2-Door Hatchback
4: 4-speed automatic/2-Door
Hatchback
5: 5-speed manual/4-Door Sedan
6: 4-speed automatic/4-Door Sedan

Model

0: DX (ED6), LX (ED3)
3: STD (ED6)
4: CX (ED6), DX (ED3)
6: Si (ED7)

Check Digit

Model Year
M: 1991

Factory

S: Suzuka Factory in JAPAN
H: Ontario Factory in CANADA

Serial Number

Suzuka-made: 800001~
Ontario-made: 000001~

Transmission Number

L3-2000001

Transmission Type

L3: Manual 4-speed and Manual 5-speed

ML4A: Automatic

Serial Number

L3: 2000001~

ML4A: 6000001~

Paint Code

Paint Code	Color
Hatchback	
NH-537M	Pewter Gray Metallic
NH-538	Frost White
NH-526M	Flint Black Metallic
R-63	Rio Red
B-52P	Wein Blue Pearl
BG-28P	Tahitian Green Pearl
R-72P	Torinno Red Pearl
B53P	Cerestial Blue Pearl
Sedan	
NH-538	Frost White
NH-537M	Pewter Gray Metallic
NH-526M	Flint Black Metallic
B-59P	Buckingham Blue Pearl
B-58M	Concord Blue Metallic
YR-501M	Cappucino Brown Metallic
R-63	Rio Red

Engine Number

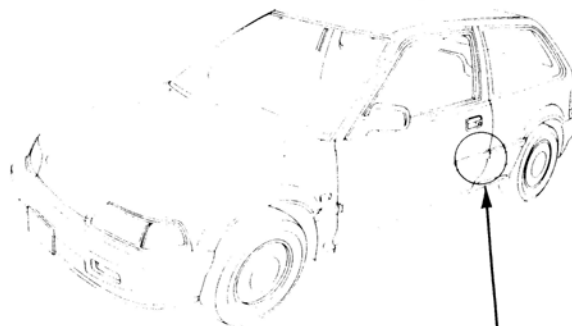
D15B1-4700001

Engine Type

D15B1: 1500 Dual-point Fuel Injection
70 HP Engine
D15B2: 1500 Dual-point Fuel Injection
93 HP Engine
D16A6: 1600 Multi-point Fuel Injection
105 HP Engine

Serial Number

Suzuka-made: 4700001~
Ohio-made: 4850001~

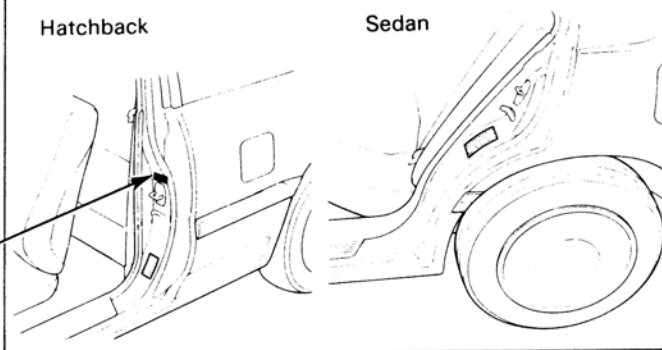


Vehicle Identification Number

and Canada Motor Vehicle
Safety Standard Certification

Hatchback

Sedan



Paint Code

COLOR
NH-537M

1991-1990 Honda Civic (ED3, ED6)



Electrical Connections [1.5 l]

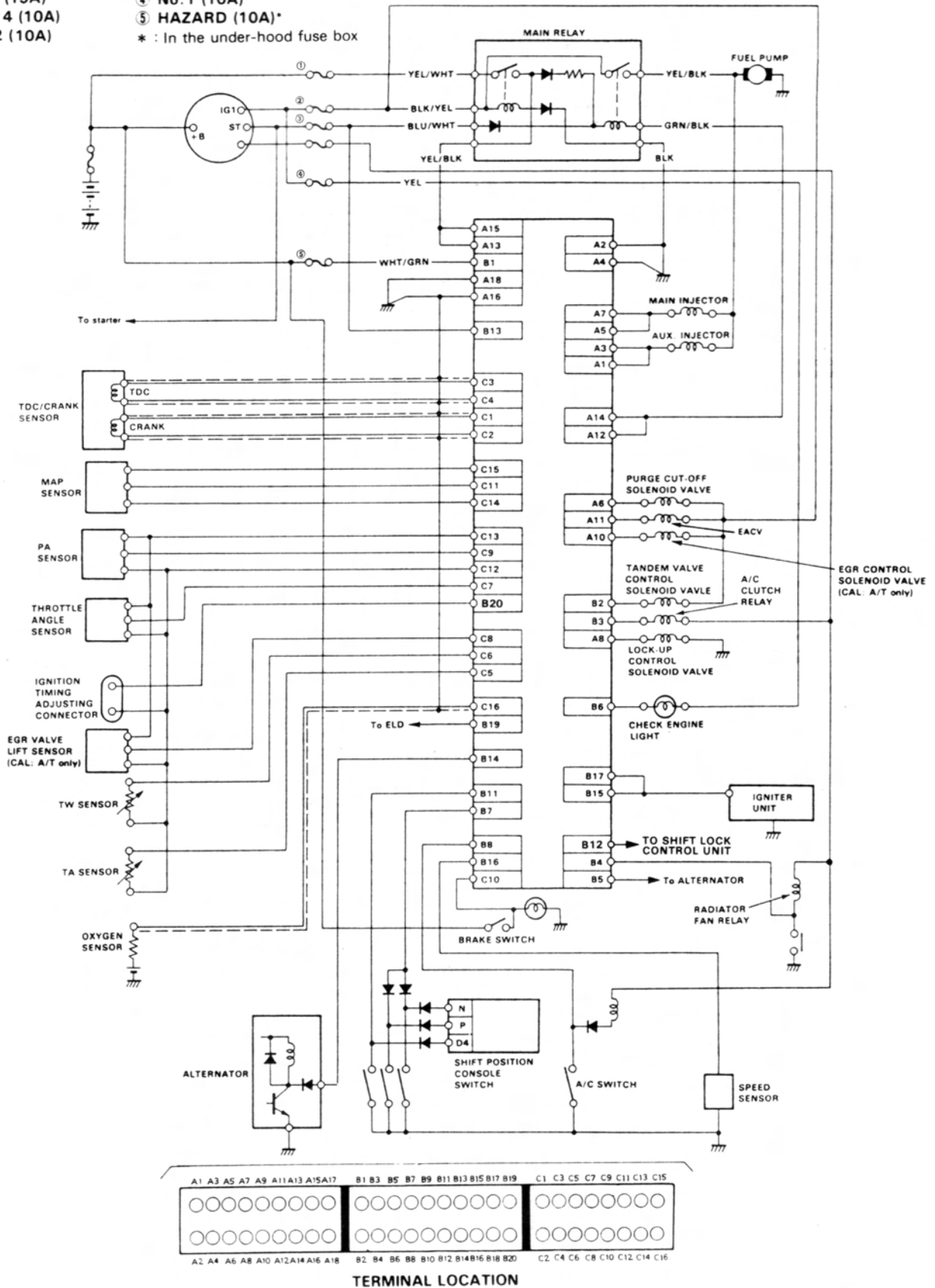
FUSES

- ① ECU (15A)*
- ② No.14 (10A)
- ③ No.2 (10A)

- ④ No.1 (10A)

- ⑤ HAZARD (10A)*

* : In the under-hood fuse box

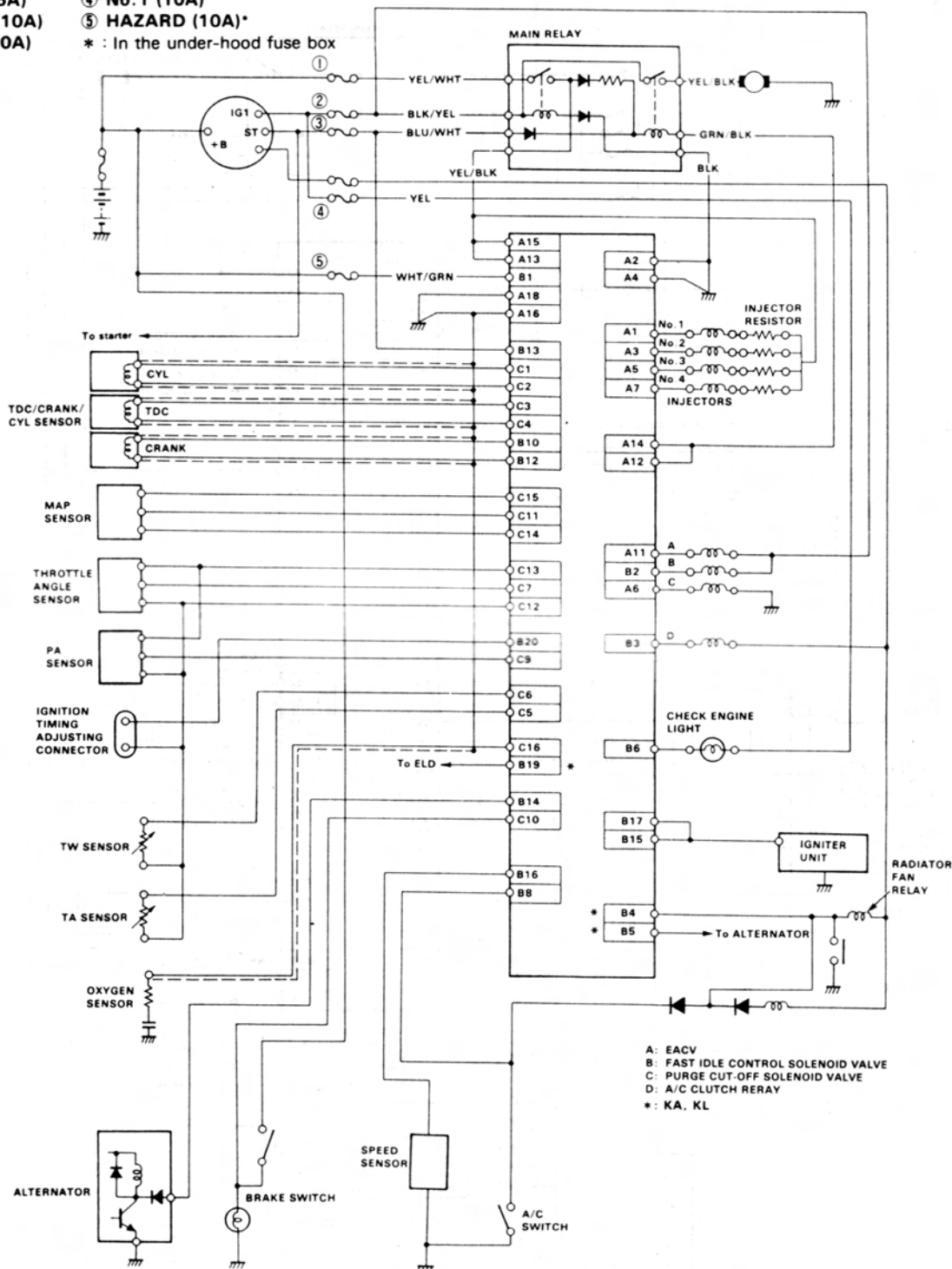


1991-1990 Honda Civic (ED4, ED7)

Electrical Connections [1.6 l]

FUSES

- ① ECU (15A)*
 - ② No.14 (10A)
 - ③ No.2 (10A)
 - ④ No.1 (10A)
 - ⑤ HAZARD (10A)*
- * : In the under-hood fuse box



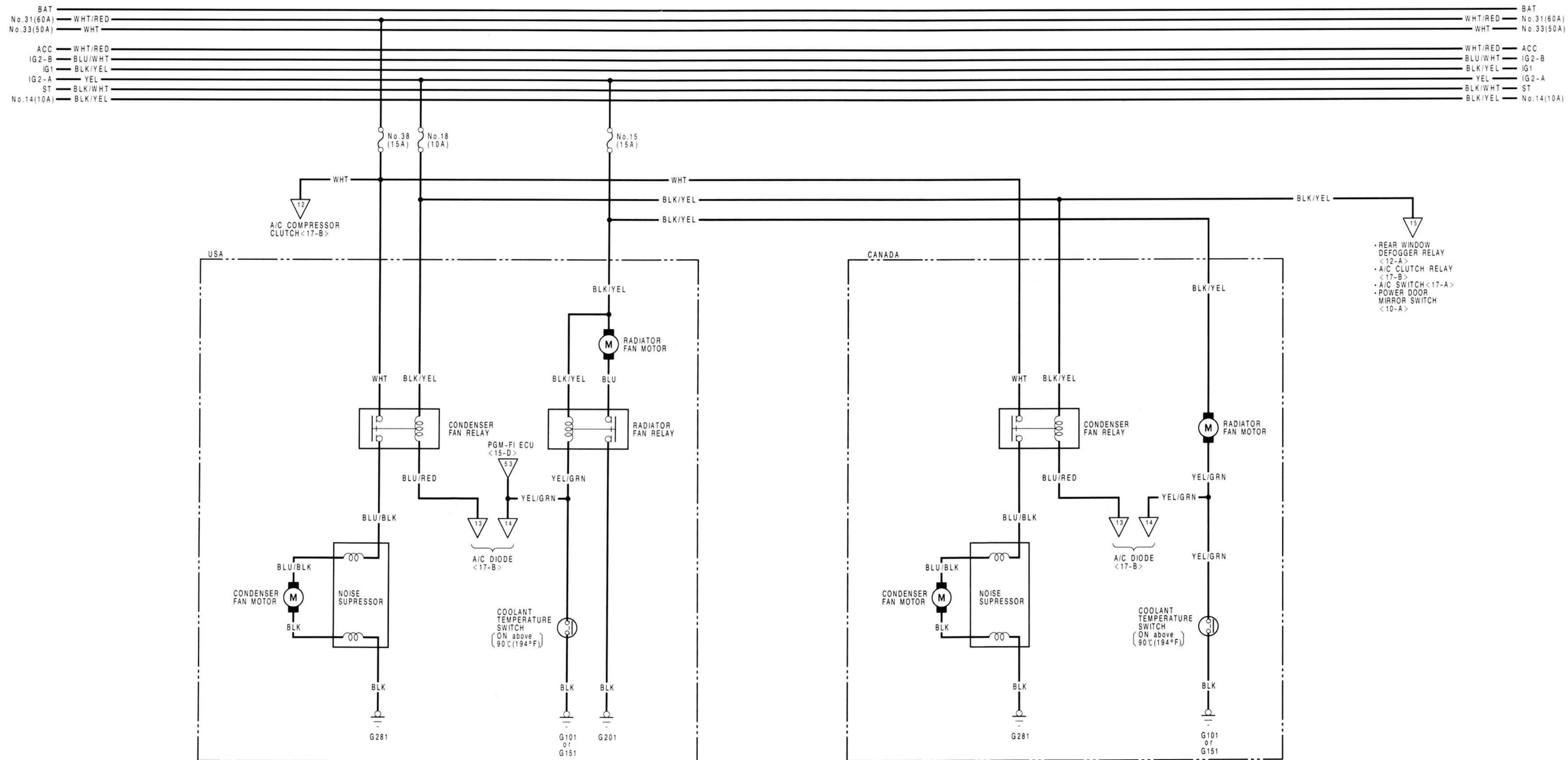
A1	A3	A5	A7	A9	A11	A13	A15	A17	B1	B3	B5	B7	B9	B11	B13	B15	B17	B19	C1	C3	C5	C7	C9	C11	C13	C15
A2	A4	A6	A8	A10	A12	A14	A16	A18	B2	B4	B6	B8	B10	B12	B14	B16	B18	B20	C2	C4	C6	C8	C10	C12	C14	C16

TERMINAL LOCATION

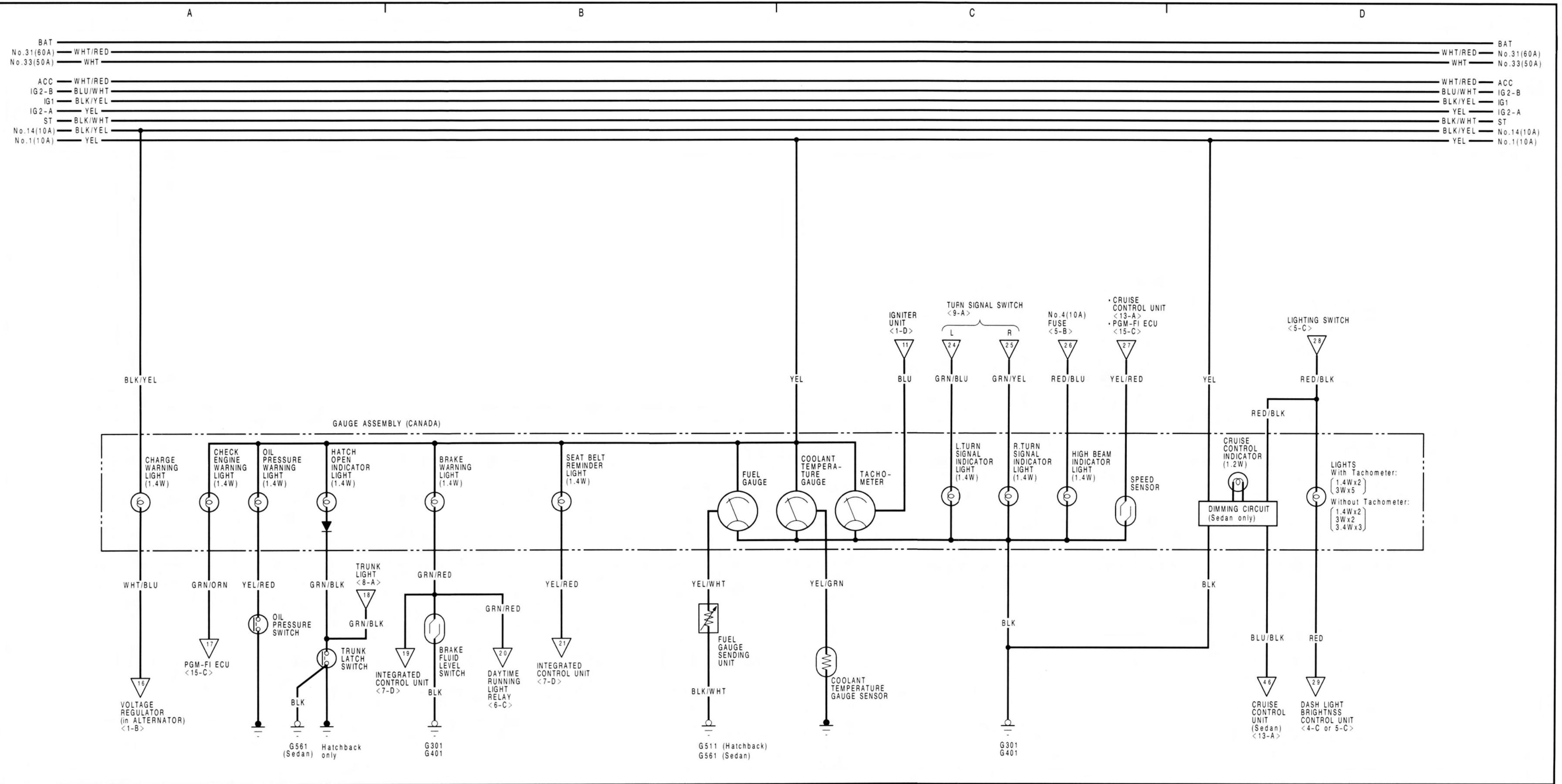
Wiring Diagrams

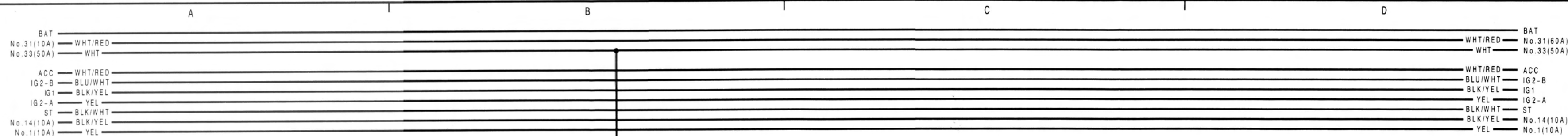
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Brake Lights	8	Washers	
Hazard Lights	9	Windshield	12
Headlights	5 or 6	Rear Window	12
License Plate Lights	5 or 6	Windows, Power	11
Marker Lights Rear	5 or 6	Washers	
Taillights	5 or 6	Windshield	12
Turn Signal Lights	5 or 6	Rear Window	12
Lights, Interior			
Dashlight Brightness Control	5 or 6		
Dome Light	8		
Trunk Light	8		

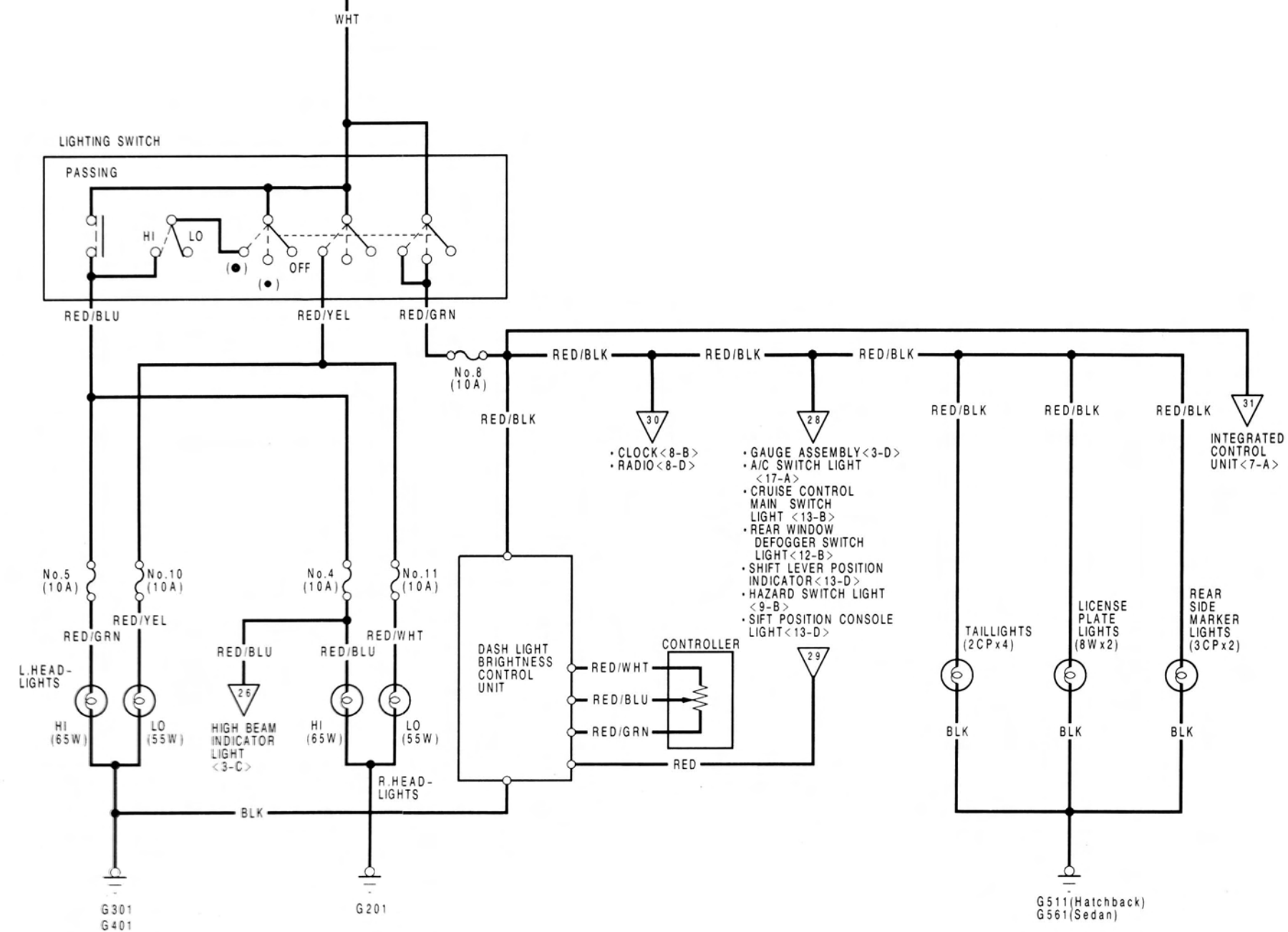


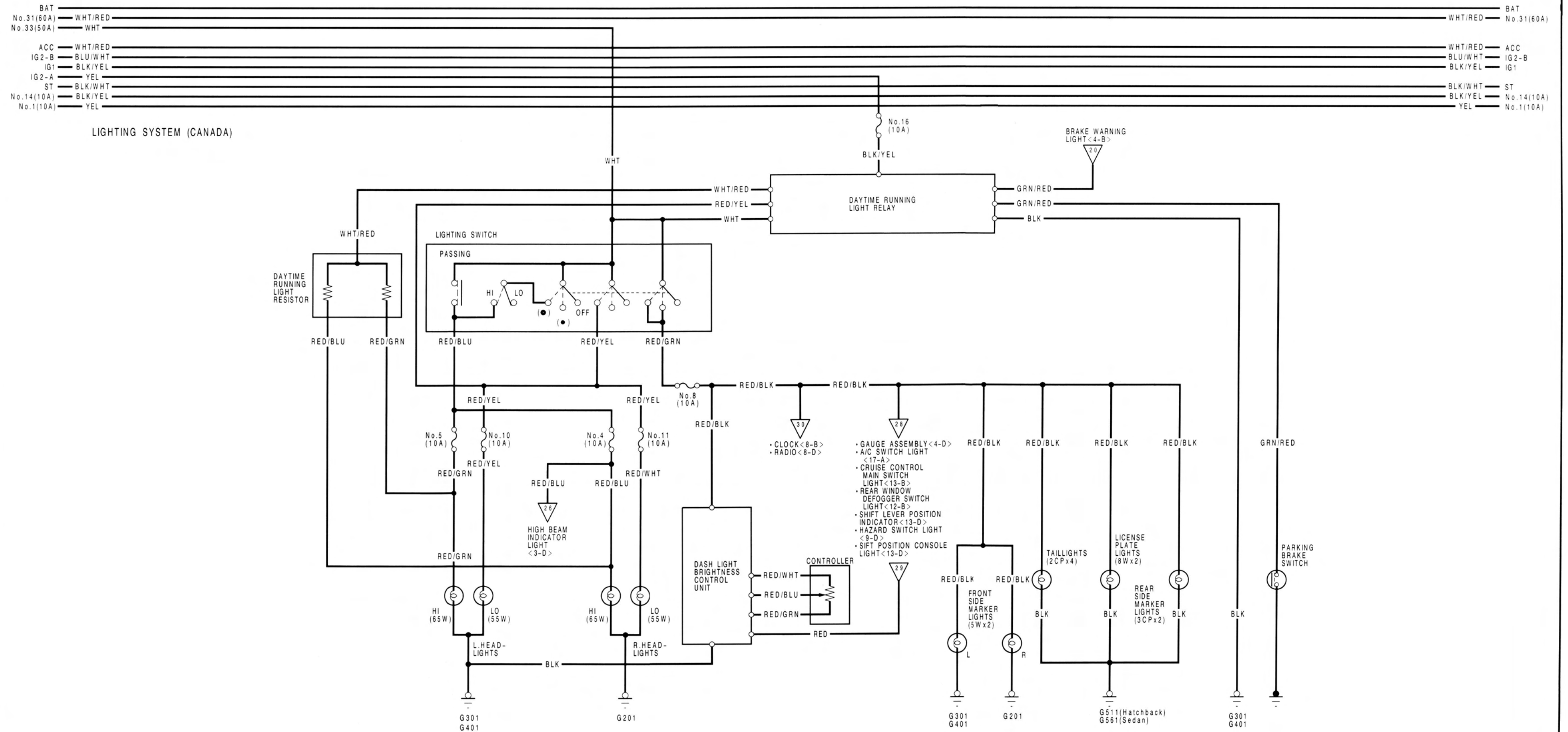


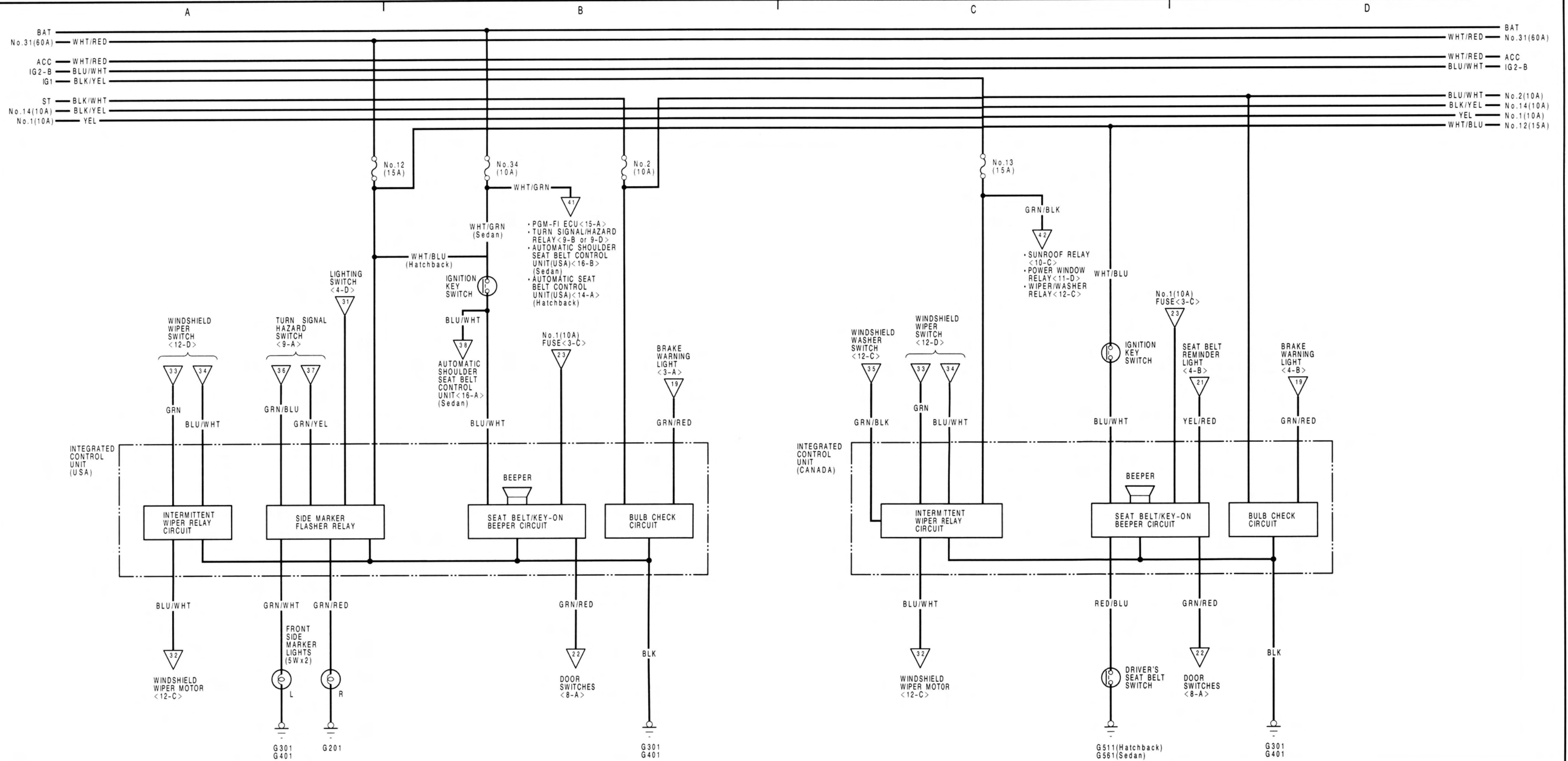


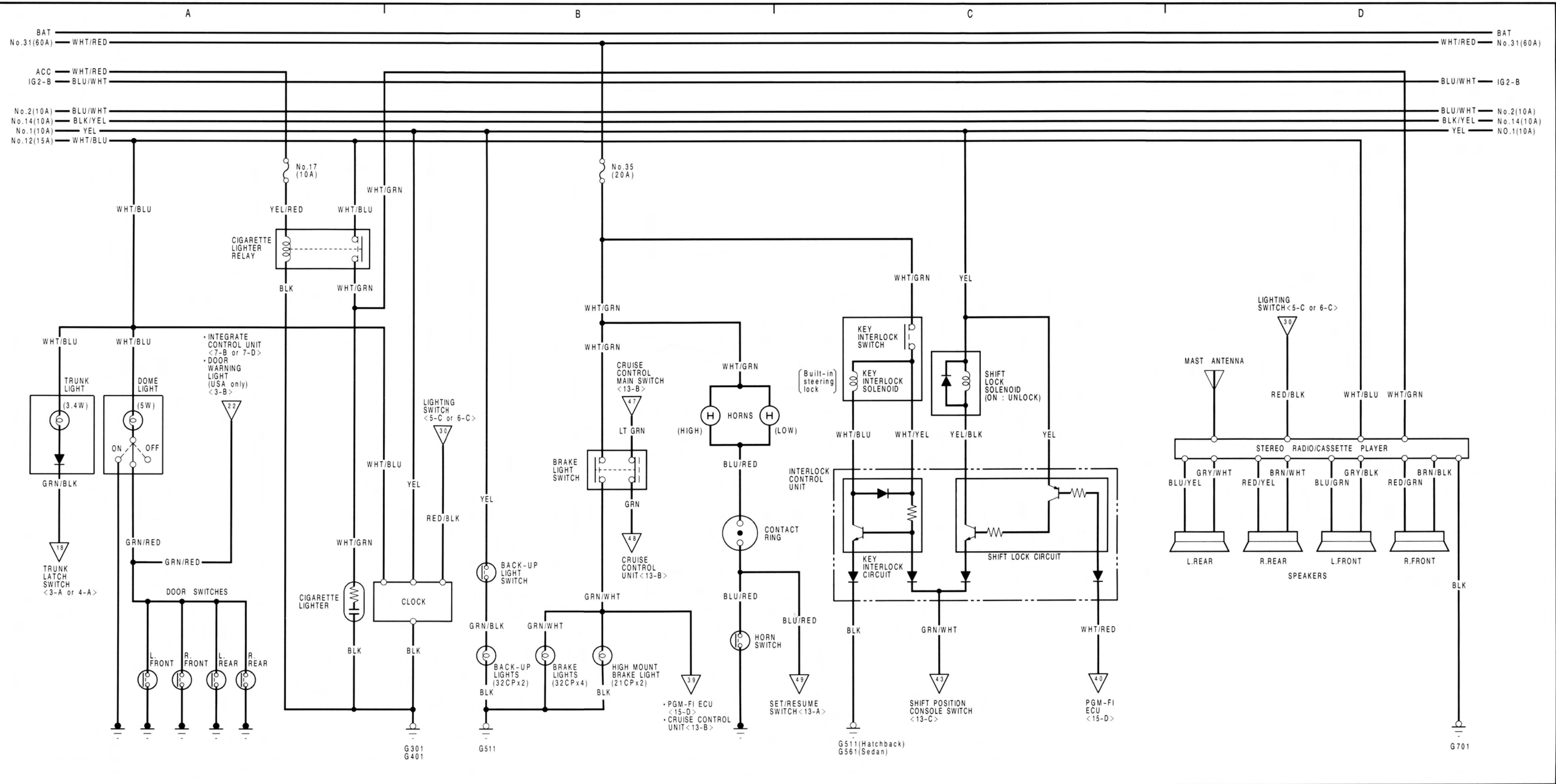


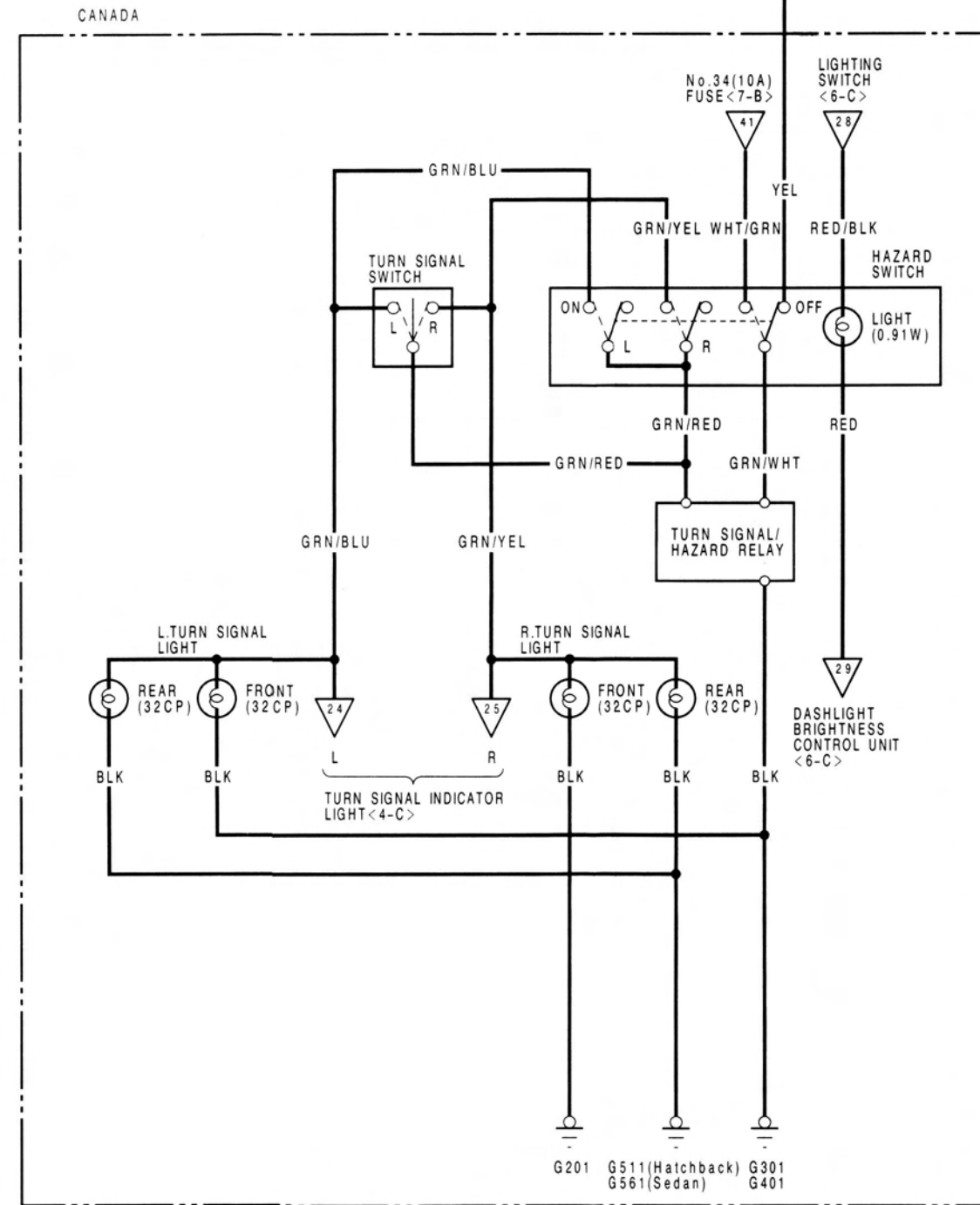
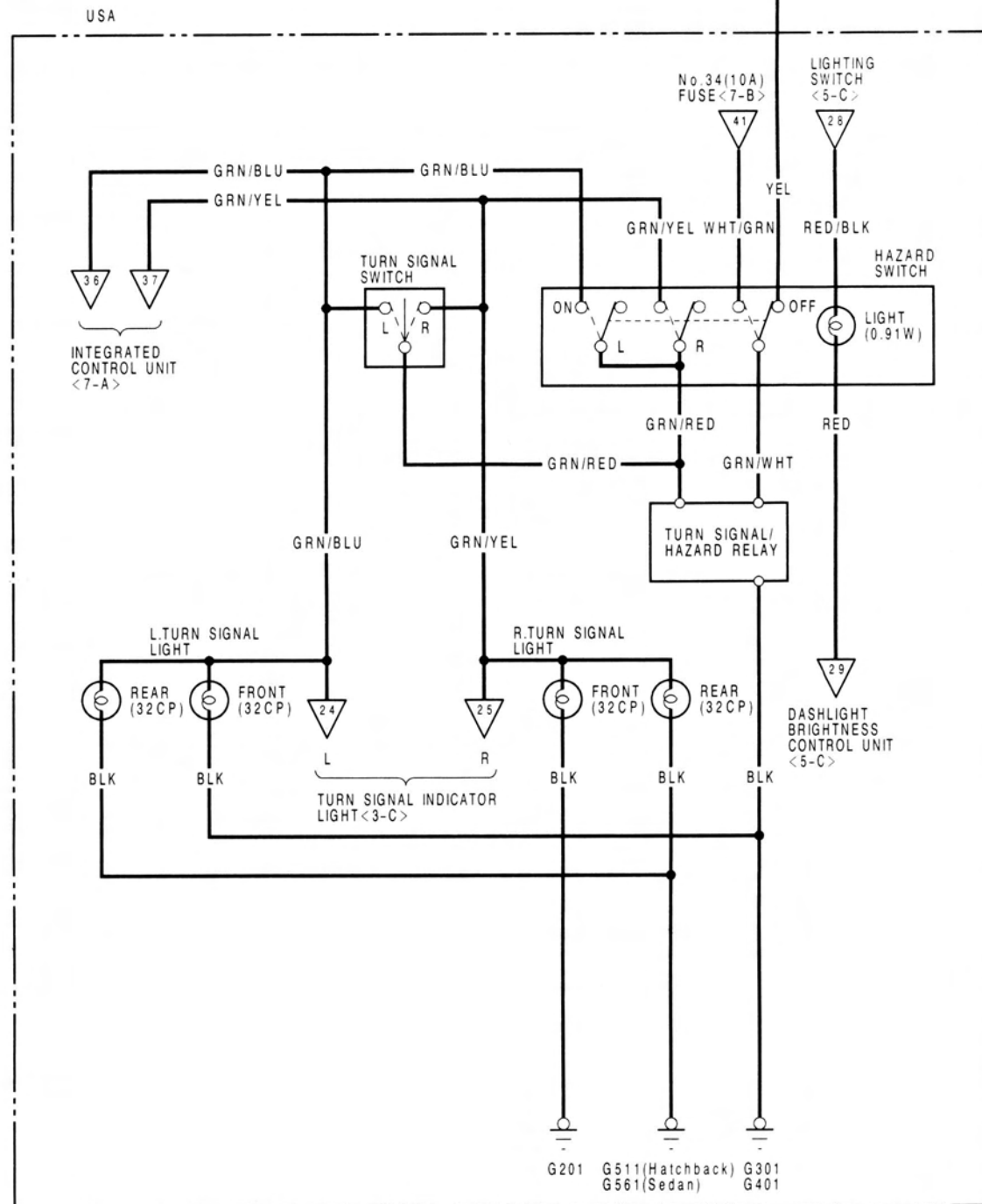
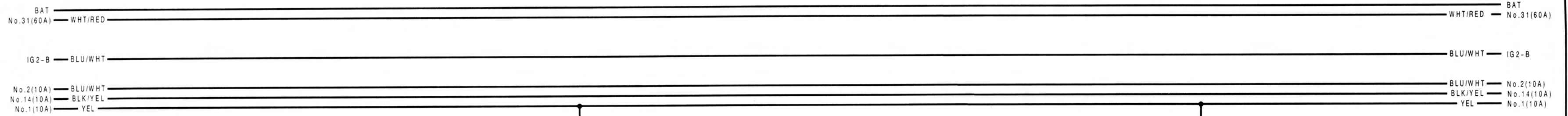
LIGHTING SYSTEM (USA)

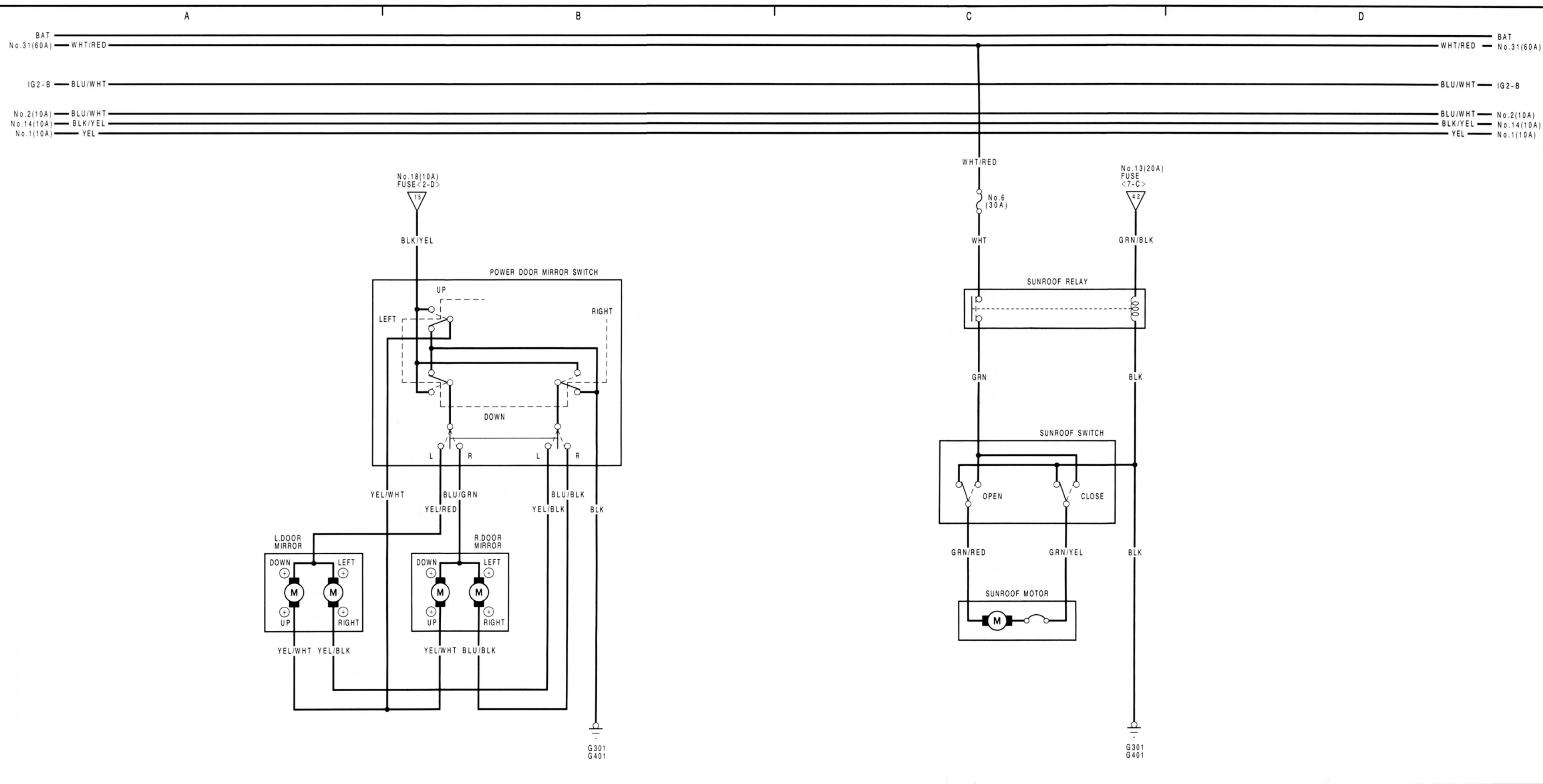


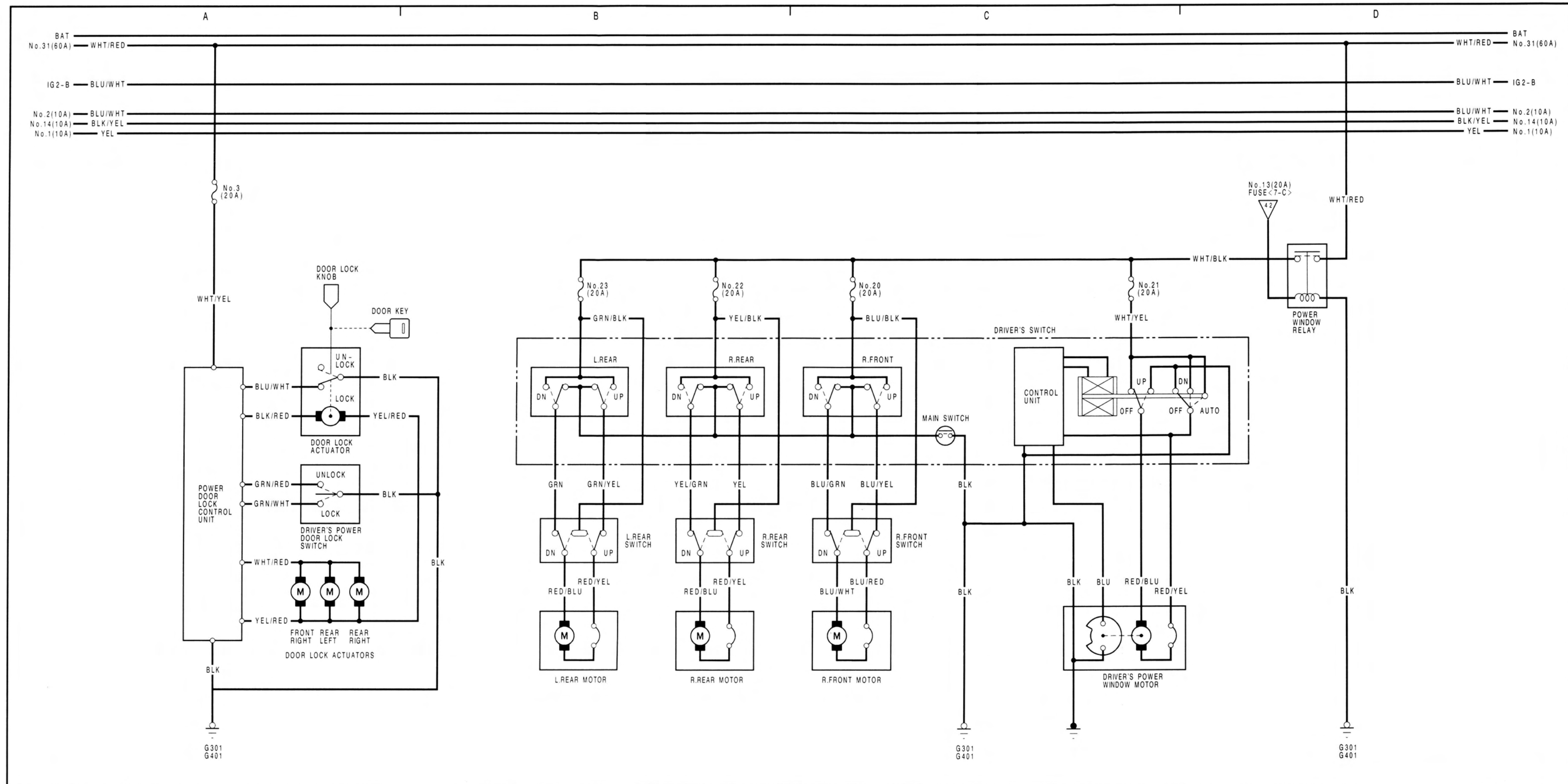


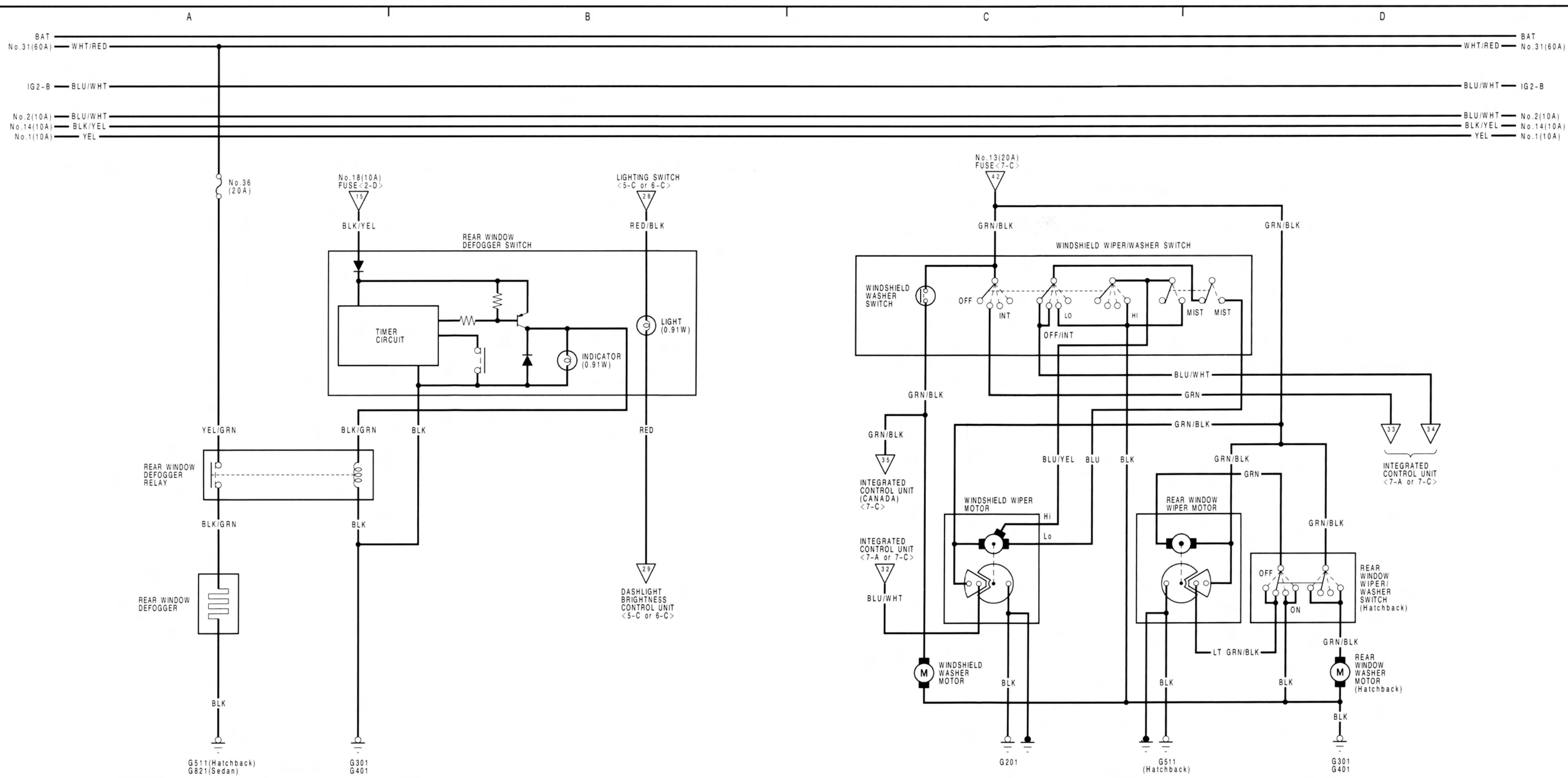


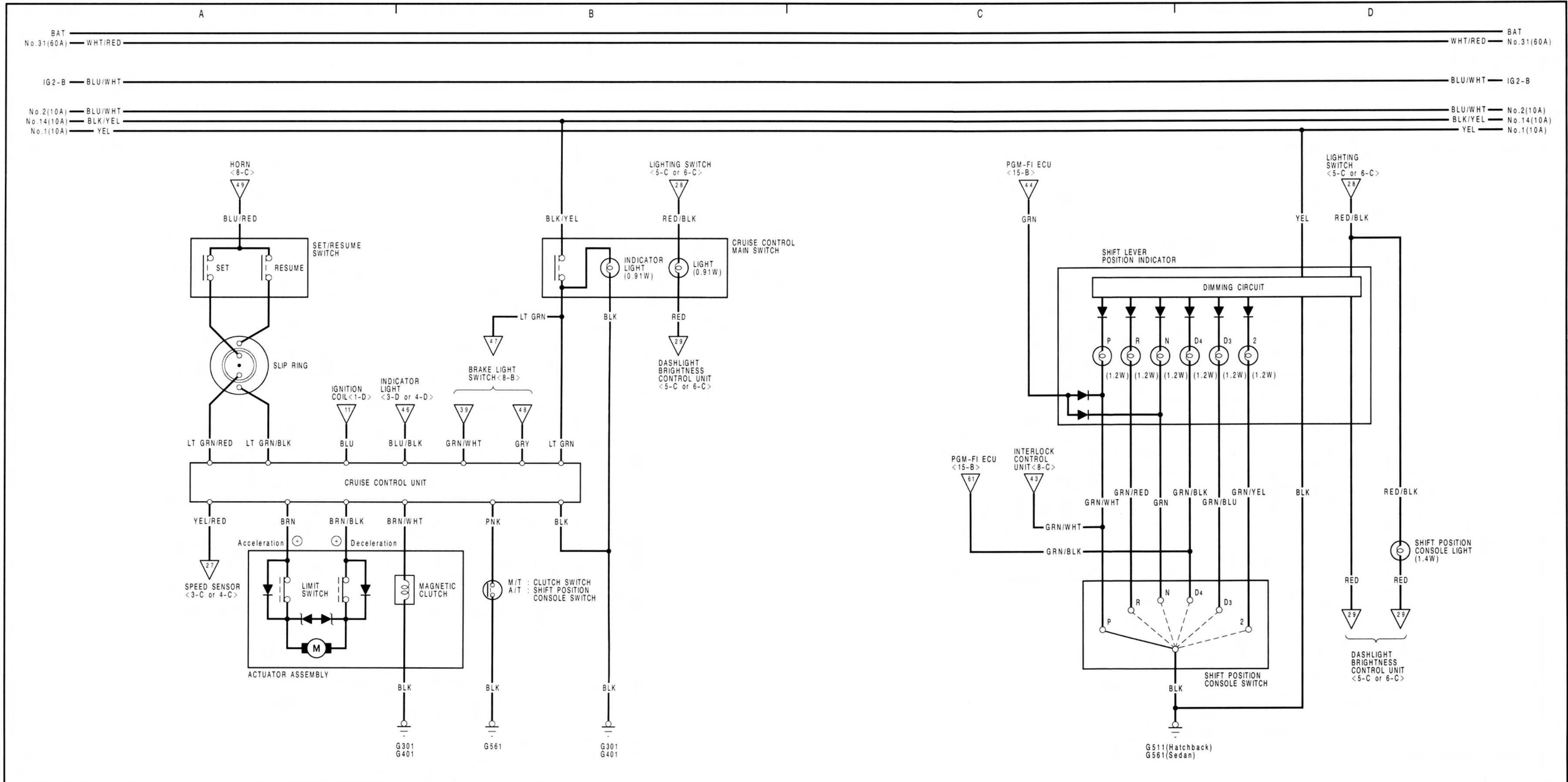


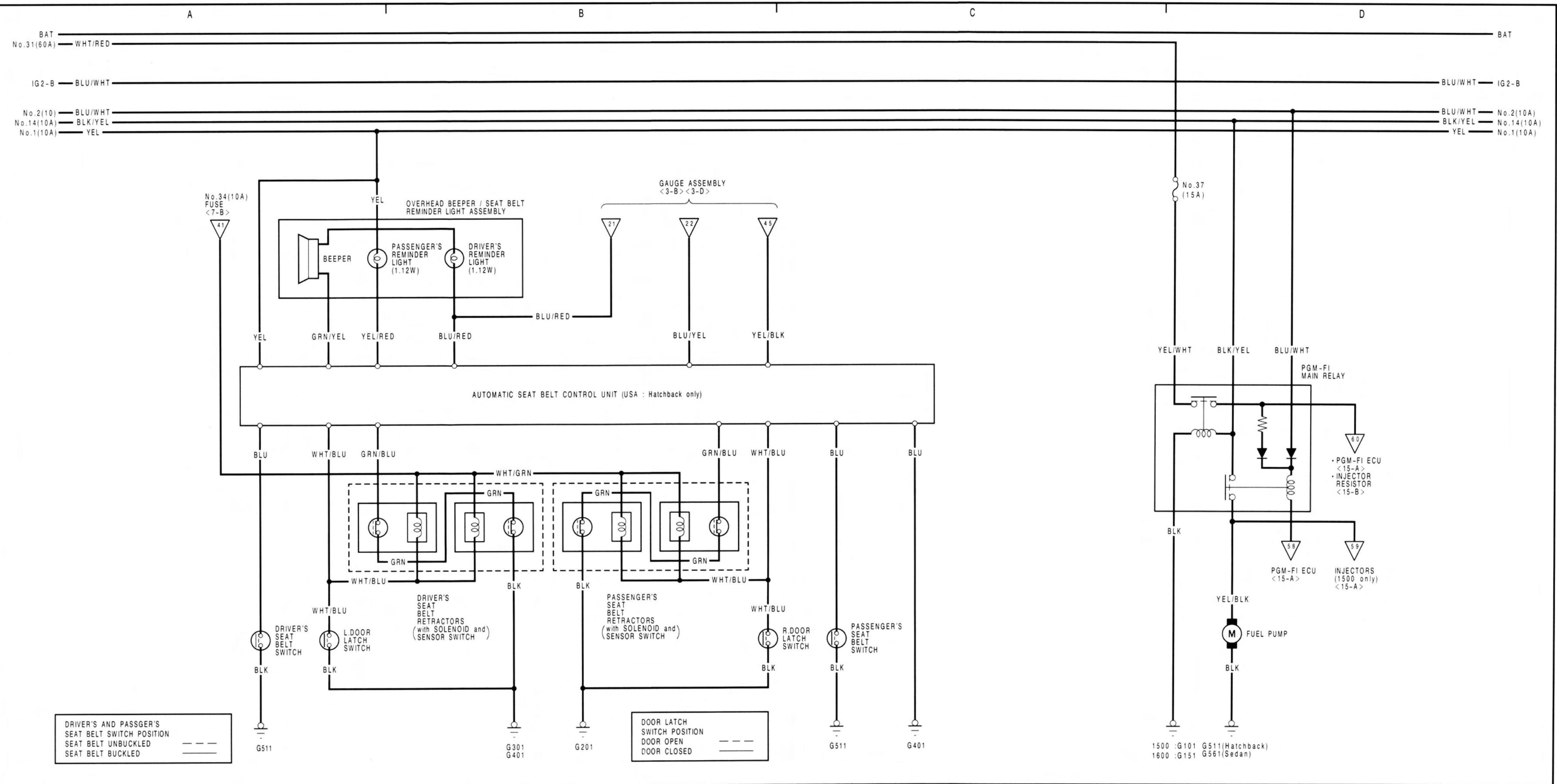


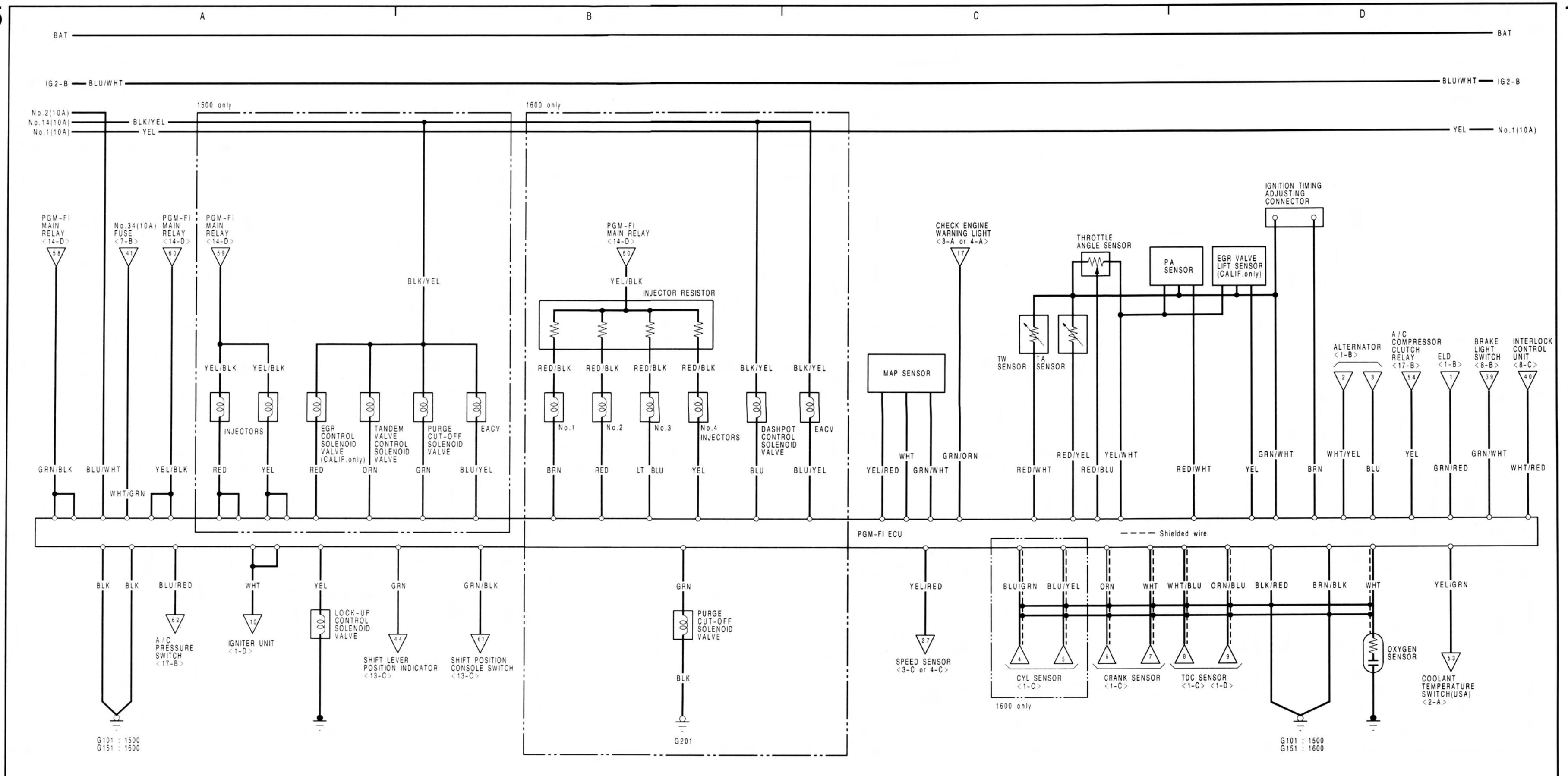


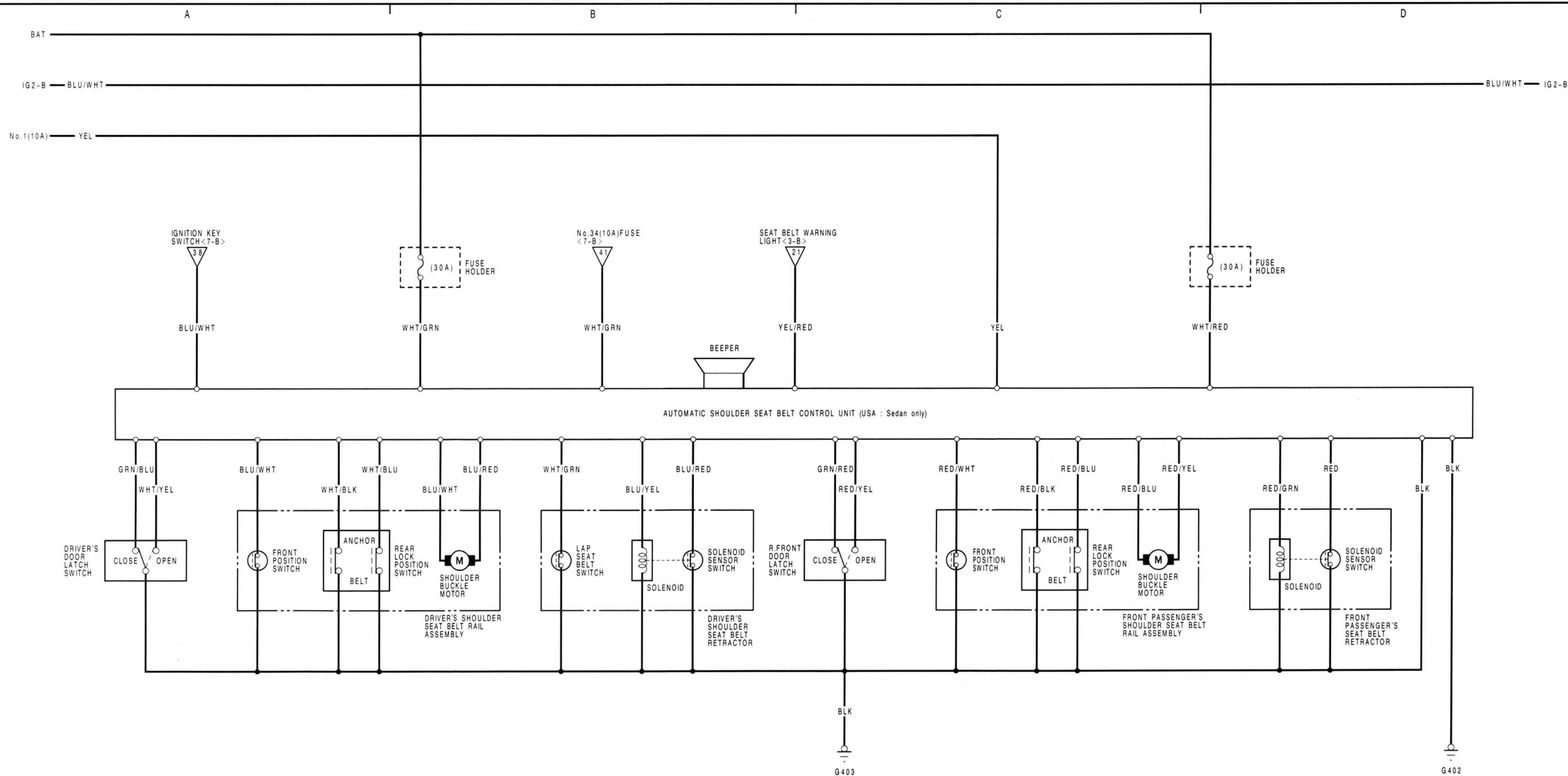


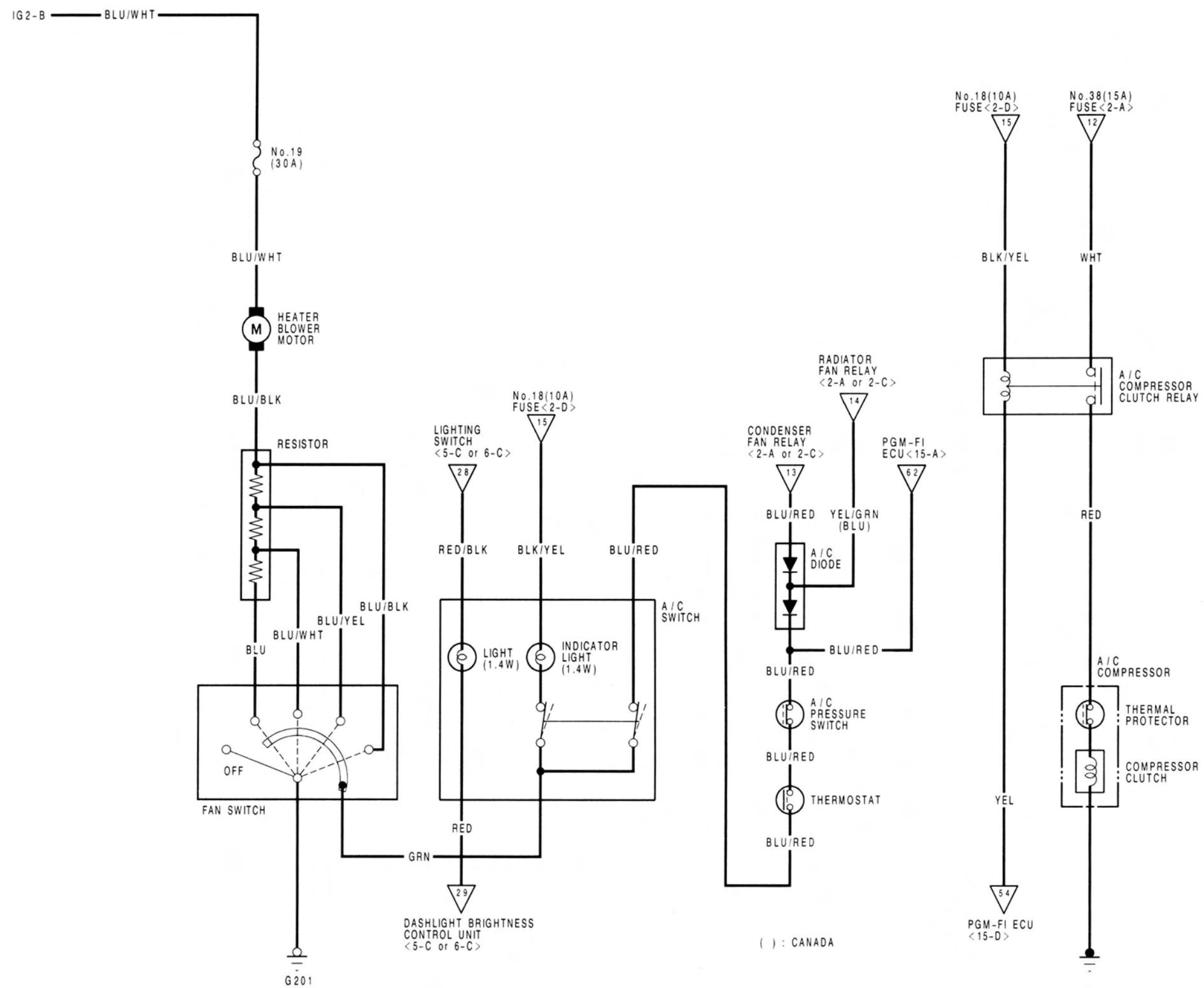




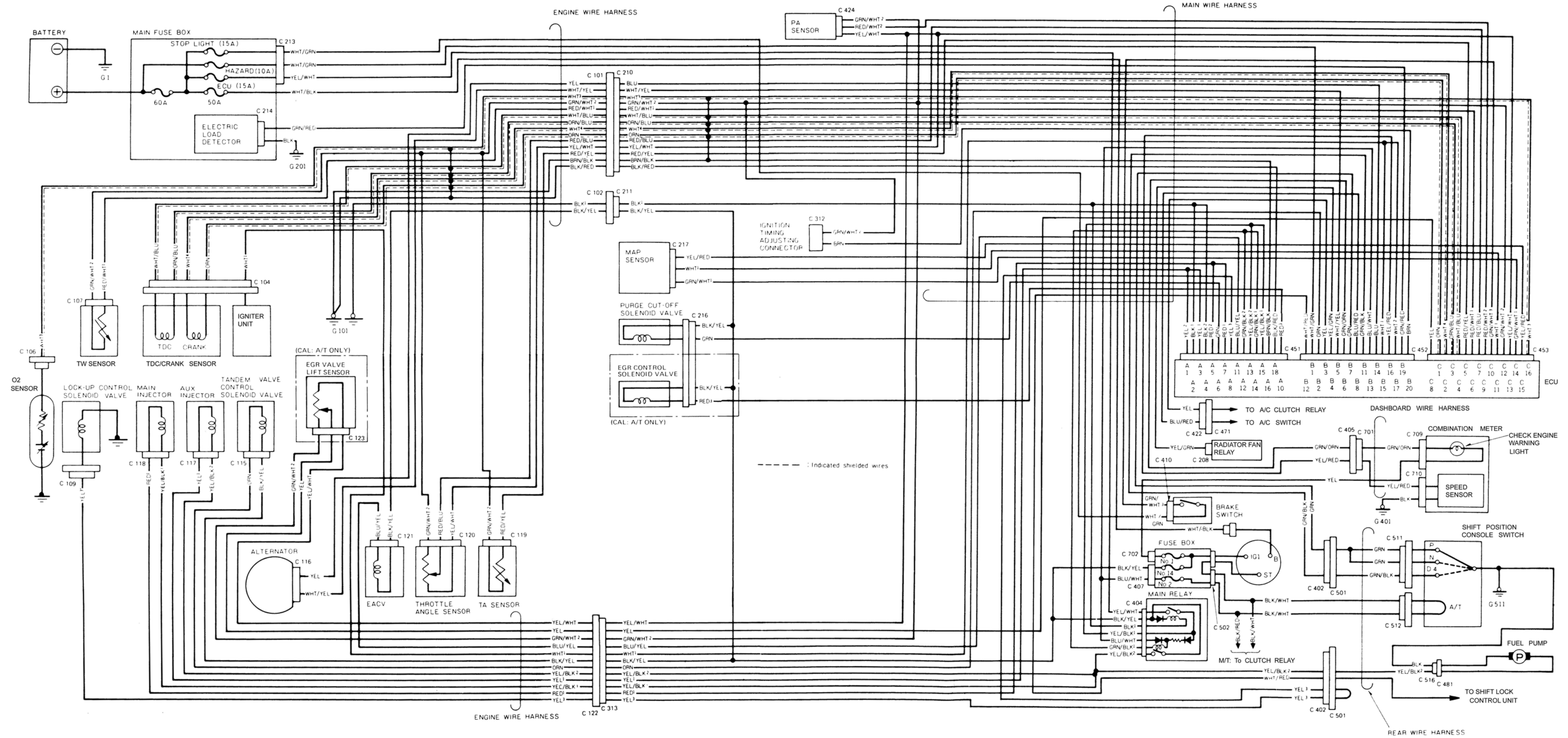




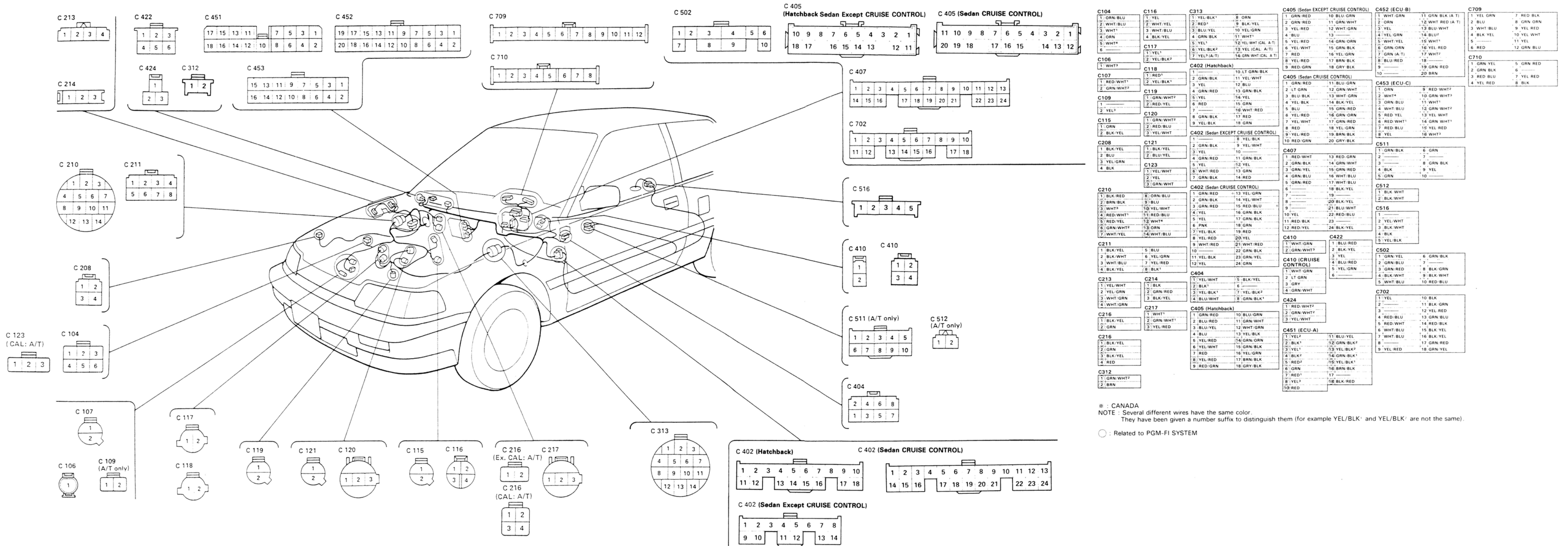




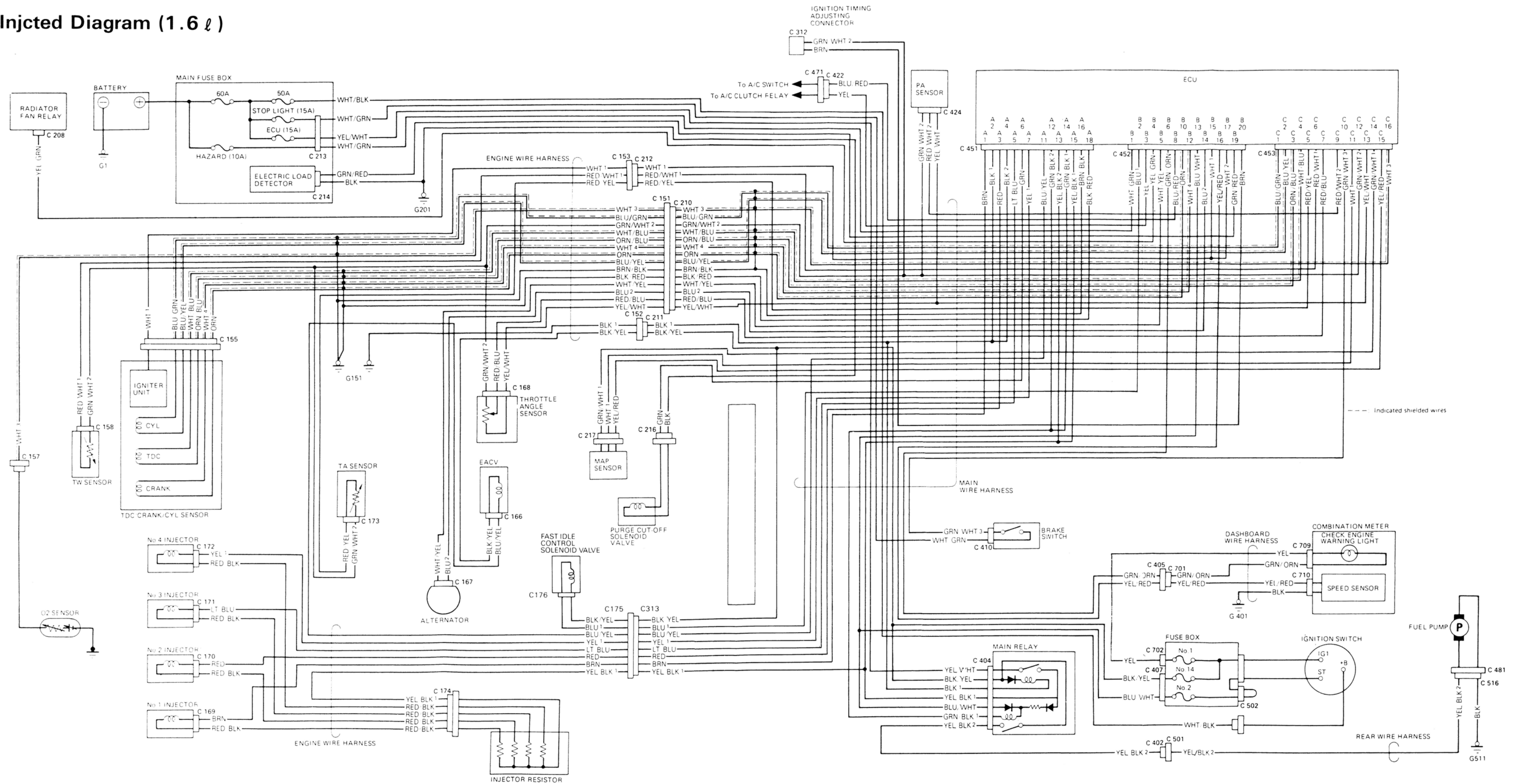
Fuel Injected Diagram (1.5 l)



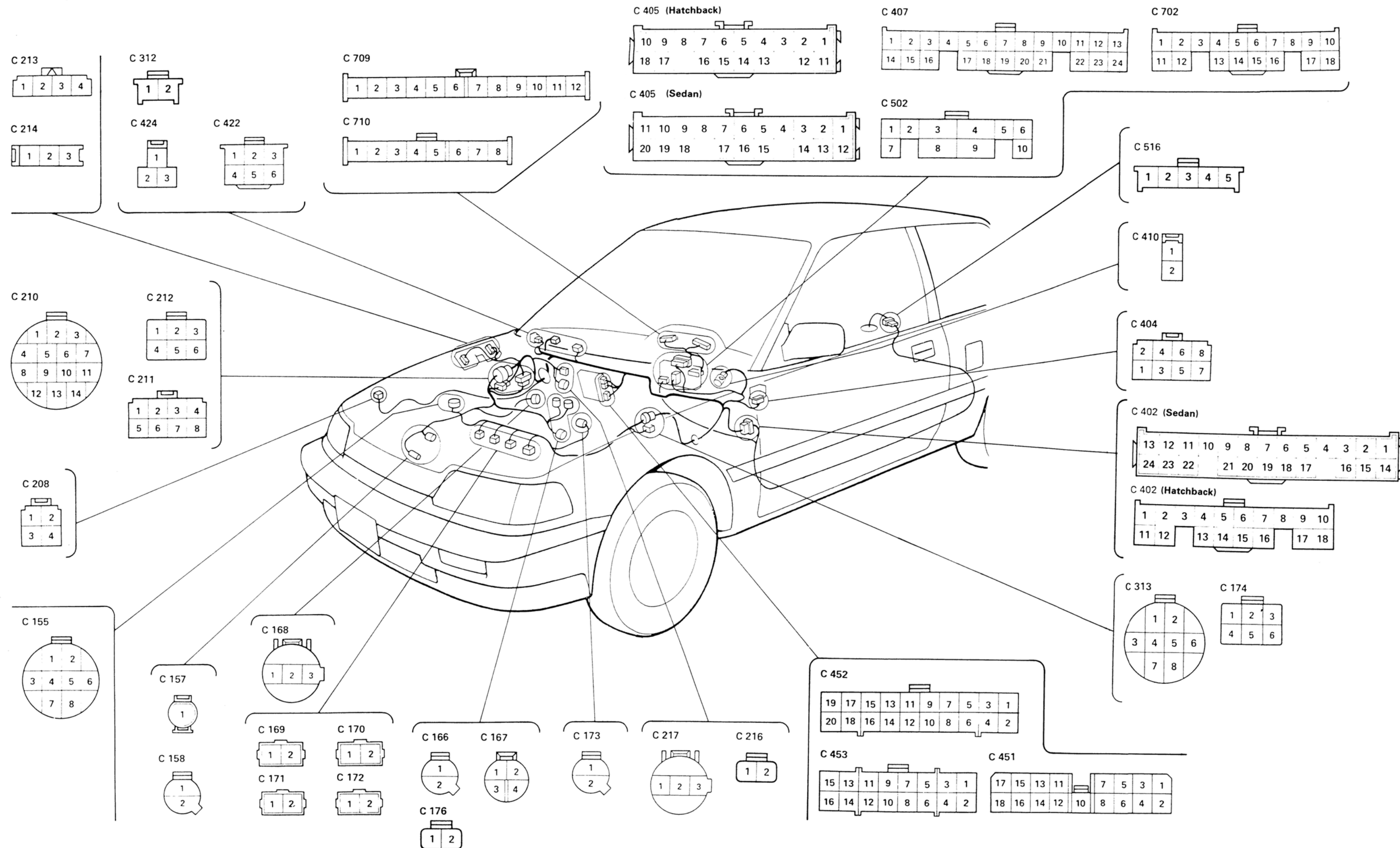
Fuel Injected Connectors (1.5 l)



Fuel Injected Diagram (1.6 l)



Fuel Injected Connectors (1.6 l)



C155
1 GRN/BLU
2 WHT/BLU
3 WHT¹
4 ORN
5 WHT⁴
6 —
7 BLU/GRN
8 BLU/YEL

C157
1 WHT¹

C158
1 RED GRN¹
2 WHT WHT²

C169
1 RED BLK
2 BRN

C166
1 BLU/YEL
2 BLK/YEL

C167
1 BLU²
2 WHT YEL
3 WHT/BLU
4 BLK/YEL

C168
1 YEL WHT
2 RED BLU
3 GRN WHT²

C173
1 GRN WHT²
2 RED YEL

C208
1 BLK/YEL
2 BLU
3 YEL/GRN
4 BLK

C210
1 BLK/RED
2 BRN/BLK
3 WHT³
4 BLU/GRN
5 BLU/YEL
6 GRN WHT²
7 WHT/YEL

C211
1 BLK/YEL
2 BLK WHT
3 WHT/BLU
4 BLK/YEL

C213
1 YEL WHT
2 YEL GRN
3 WHT GRN
4 WHT GRN

C214
1 BLK
2 GRN RED
3 BLK YEL

C157
1 WHT¹

C158
1 RED GRN¹
2 WHT WHT²

C169
1 RED BLK
2 BRN

C170
1 RED BLK
2 RED

C171
1 RED BLK
2 LT BLU

C172
1 RED BLK
2 YEL¹

C174
1 RED BLK
2 RED BLK
3 YEL BLK¹
4 RED BLK
5 YEL BLK
6 —

C176
1 BLK YEL
2 BLU

C217
1 WHT¹
2 GRN WHT¹
3 YEL RED

C216
1 BLK
2 GRN
3 —
4 YEL
5 BLK/YEL
6 BLU¹
7 BLU/YEL
8 YEL/BLK¹

C212
1 YEL
2 WHT¹
3 RED WHT¹
4 GRN BLK
5 YEL GRN
6 YEL RED

C214
1 BLK
2 GRN RED
3 BLK YEL

C312
1 GRN WHT²
2 BRN

C313
1 RED
2 BRN
3 LT BLU
4 YEL
5 BLK/YEL
6 BLU¹
7 BLU/YEL
8 YEL/BLK¹

C314
1 GRN WHT²
2 RED BLU
3 GRN WHT²

C402 (Sedan)
1 —
2 GRN/BLK
3 GRN RED
4 YEL
5 YEL
6 PNK
7 YEL BLK
8 YEL RED
9 WHT RED
10 —
11 YEL BLK
12 YEL

C404 (Hatchback)
1 —
2 GRN BLK
3 YEL
4 GRN RED
5 YEL
6 RED
7 —
8 GRN BLK
9 YEL BLK

C404
1 YEL WHT
2 BLK¹
3 YEL/BLK¹
4 BLU WHT
5 BLK/YEL
6 —
7 YEL/BLK²
8 GRN/BLK¹

C405 (Sedan)
1 GRN RED
2 LT GRN
3 BLU/BLK
4 YEL RED
5 BLU
6 YEL RED
7 YEL WHT
8 RED
9 YEL RED
10 GRN RED

C405 (Hatchback)
1 GRN RED 10 BLU GRN
2 BLU RED 11 GRN WHT
3 BLU YEL 12 WHT GRN
4 BLU 13 YEL BLK
5 YEL RED 14 GRN ORN
6 YEL WHT 15 GRN BLK
7 RED 16 YEL GRN
8 YEL RED 17 BRN BLK
9 RED GRN 18 GRAY BLK

C407
1 RED WHT
2 GRN/BLK
3 GRN RED
4 GRN/BLU
5 GRN RED
6 —
7 —
8 —
9 —
10 YEL
11 RED BLK
12 RED YEL

C410
1 WHT GRN
2 GRN WHT³

C422
1 BLU RED
2 BLK YEL
3 YEL
4 BLU RED
5 YEL GRN
6 —

C451 (ECU A)
1 BRN
2 BLK¹
3 RED
4 BLK²
5 LT BLU
6 GRN
7 YEL¹
8 —
10 —

C452 (ECU B)
1 WHT GRN
2 BLU¹
3 YEL
4 YEL GRN
5 WHT YEL
6 GRN ORN
7 —
8 BLU RED
9 —
10 ORN

C451 (ECU C)
1 BLU GRN 9 RED WHT³
2 BLU YEL 10 GRN WHT³
3 ORN BLU 11 GRN WHT²
4 WHT BLU 12 GRN WHT²
5 YEL YEL 13 YEL WHT¹
6 RED WHT¹ 14 GRN WHT¹
7 RED BLU 15 YEL RED
8 — 16 WHT¹

C502
1 GRN YEL 6 GRN BLK
2 GRN BLU 7 —
3 GRN RED 8 BLK GRN
4 BLK WHT 9 BLK RED
5 WHT BLU 10 RED BLU

C516
1 —
2 YEL WHT
3 BLK WHT
4 BLK
5 YEL BLK

C702
1 YEL 10 BLK
2 YEL 11 BLK GRN
3 — 12 YEL RED
4 RED BLU 13 GRN BLU
5 — 14 RED BLK
6 WHT BLU 15 YEL BLK
7 WHT BLU 16 BLK YEL
8 — 17 ORN RED
9 YEL RED 18 GRN YEL

C709
1 YEL GRN 7 RED BLK
2 BLU 8 GRN ORN
3 WHT BLU 9 YEL RED
4 BLK WHT 10 YEL WHT
5 — 11 YEL WHT
6 RED 12 GRN BLU

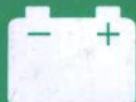
C710
1 GRN YEL 5 GRN RED
2 GRN BLU 6 —
3 RED BLU 7 YEL RED
4 YEL RED 8 BLK

NOTE : Several different wires have the same color.
They have been given a number suffix to distinguish them (for example YEL/BLK¹ and YEL/BLK² are not the same).

○ : Related to PGM-FI SYSTEM



specs



MADE FROM 50% RECYCLED
PAPER MINIMUM 10%
POST-CONSUMER CONTENT

1991 CIVIC 3/4 DR Service Manual

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PL 500.2000.04.M

PL 5009612M