
SECTION 9A

BODY WIRING SYSTEM

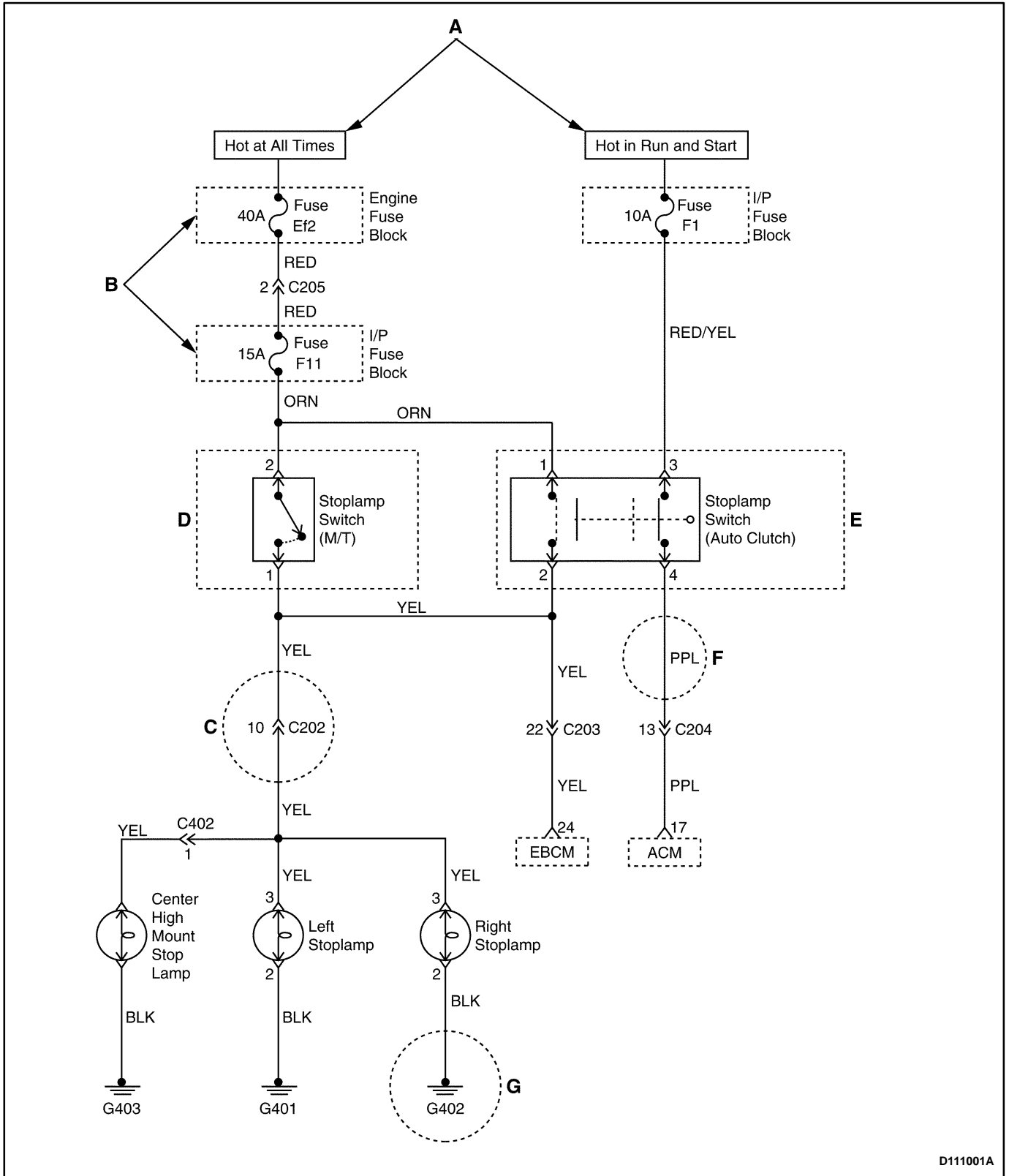
CAUTION: *Disconnect the negative battery cable before removing or installing any electrical unit or when a tool or equipment could easily come in contact with exposed electrical terminals. Disconnecting this cable will help prevent personal injury and damage to the vehicle. The ignition must also be in B unless otherwise noted.*

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DESCRIPTION AND OPERATION

HOW TO READ ELECTRICAL WIRING DIAGRAM



D111001A

Contents of Electrical Wiring Diagram

Position	Explanation
A	<ul style="list-style-type: none"> - The box above the fuse box: Power supply lines - Power supply lines: 30, 15, 15A, Ka, 58, 50 - Refer to "Circuit Identification Symbol" in this section for more details.
B	<ul style="list-style-type: none"> - Ef10 or F3: Fuse Number <ul style="list-style-type: none"> • Ef10: Fuse No 10 in the engine room fuse box • F3: Fuse No 3 in the passenger room fuse box - 40A: Fuse Capacity - Refer to "Relay Box Locator" and "Fuse Box Locator" in this section.
C	<ul style="list-style-type: none"> - Connector - Connector No C202, terminal No 10 - Refer to "How to Check Terminal Number of Connect" in this section
D	<ul style="list-style-type: none"> - Internal circuit of component (Relay) (Component Name, Terminal Number)
E	<ul style="list-style-type: none"> - Internal circuit of component (Switch) (Terminal Number)
F	<ul style="list-style-type: none"> - Wiring Harness Color - Refer to "Wire Color Chart" in this section
G	<ul style="list-style-type: none"> - Ground line. - G402: Ground Position - In case of the ground numberless, this means the body ground.

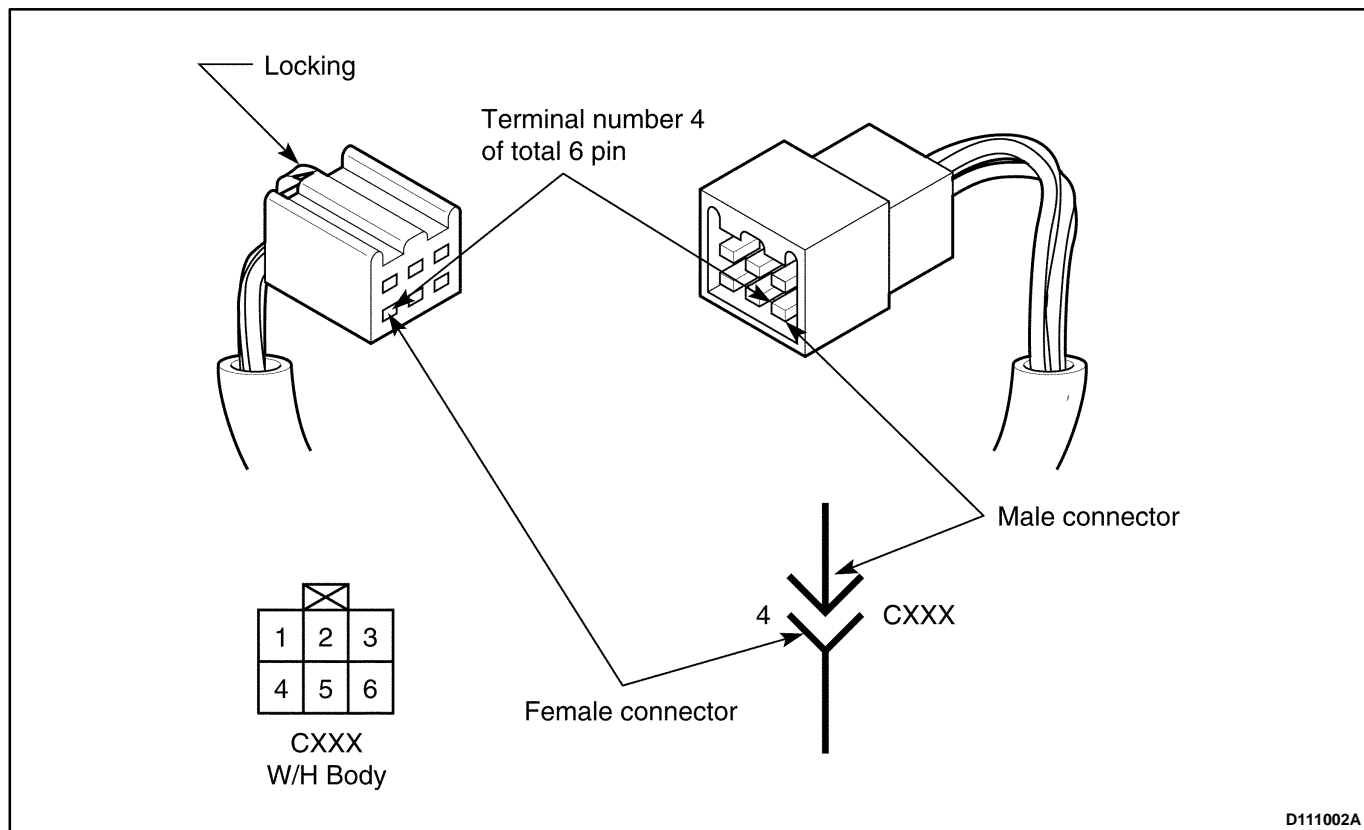
Circuit Identification Symbol

Identification Symbol	Meaning
C	Connector
Ef	Fuse in engine room fuse box
F	Fuse in passenger compartment fuse box
G	Ground

HOW TO CHECK TERMINAL NUMBER OF CONNECTOR

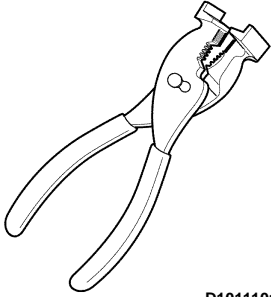
Terminal number is given based on female terminal connector.

Example: Terminal number 4 of 6 pin connection.



SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS TABLE

 <p>D1011101</p>	<p>DW-540-010 Relay Remover</p>
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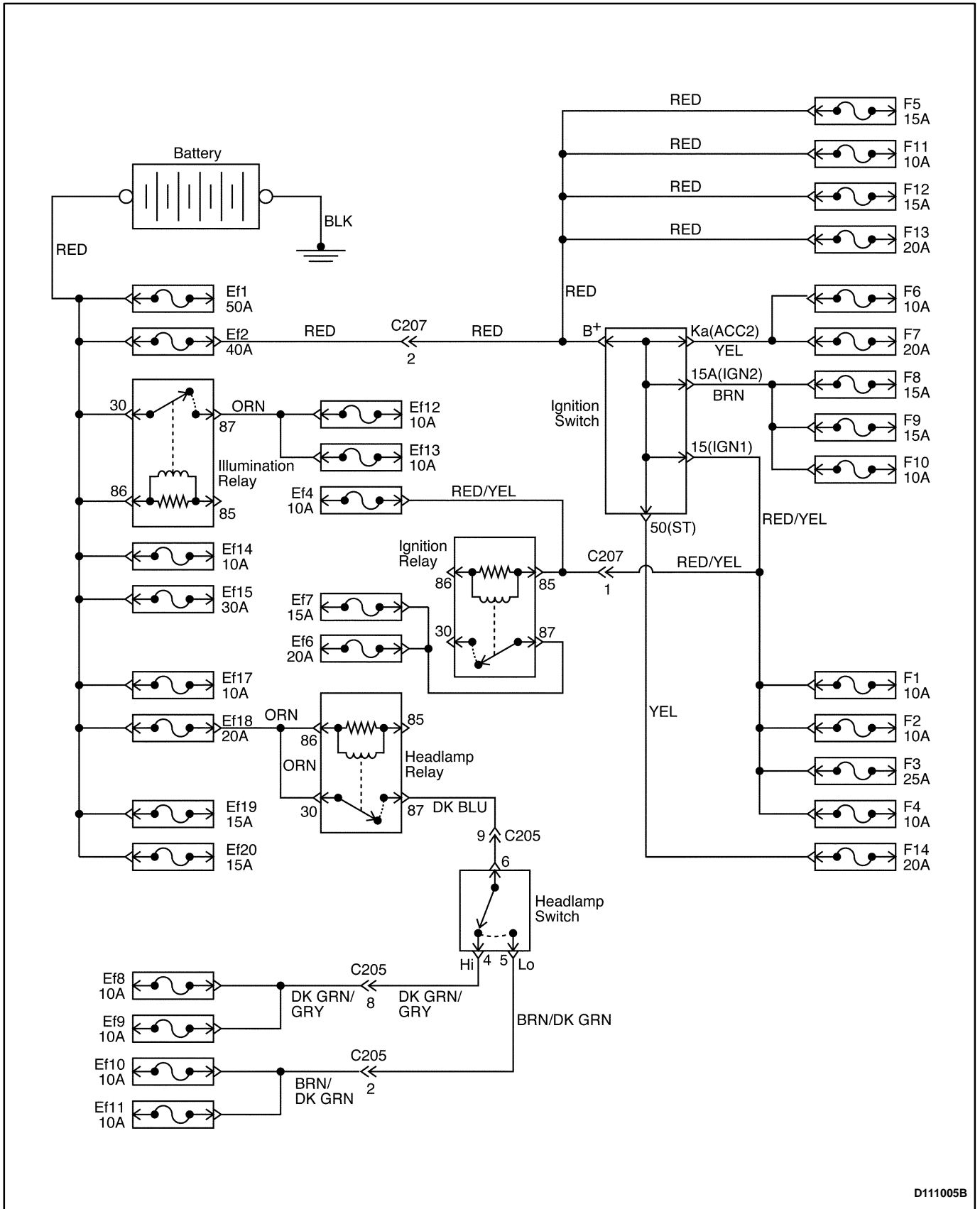
SCHEMATIC AND ROUTING DIAGRAMS**WIRE COLOR CHART**

Wire Color	Abbreviation On Schematic
Green	DK GRN
Blue	DK BLU
Brown	BRN
Orange	ORN
Yellow	YEL
Grey	GRY
Red	RED
Black	BLK
White	WHT
Purple	PPL

Wires With Tracers

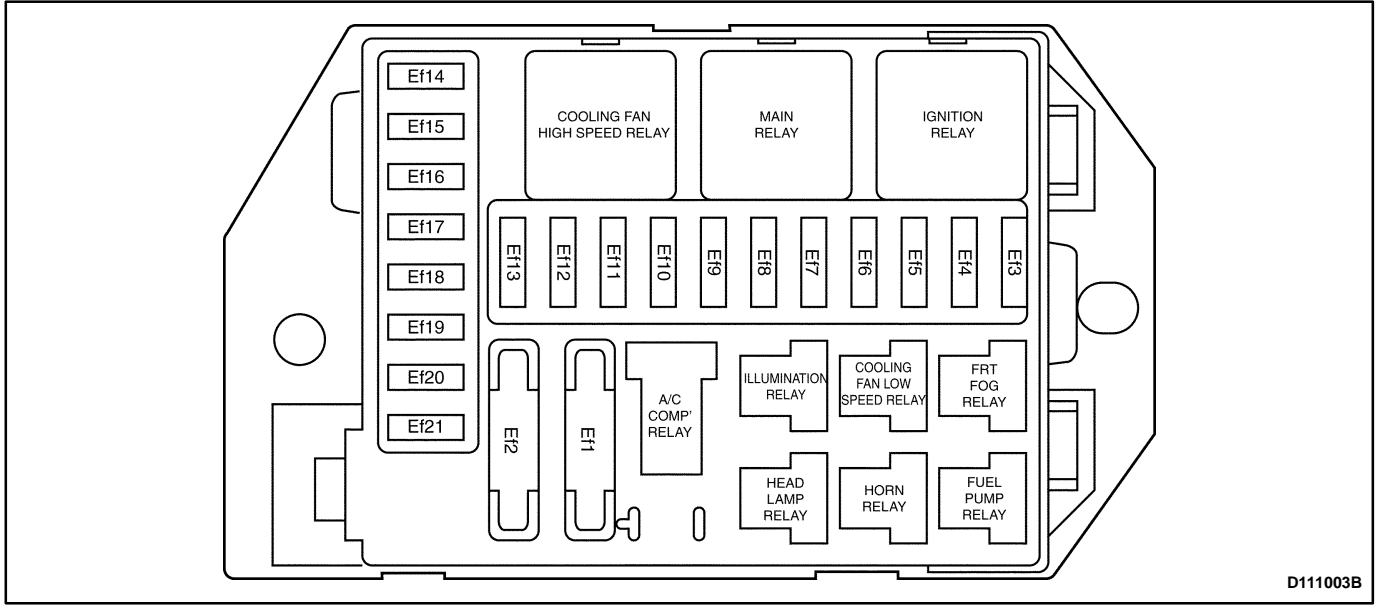
Wire Color	Abbreviation On Schematic
Red with White Tracer	RED/WHT

POWER DISTRIBUTION SCHEMATIC

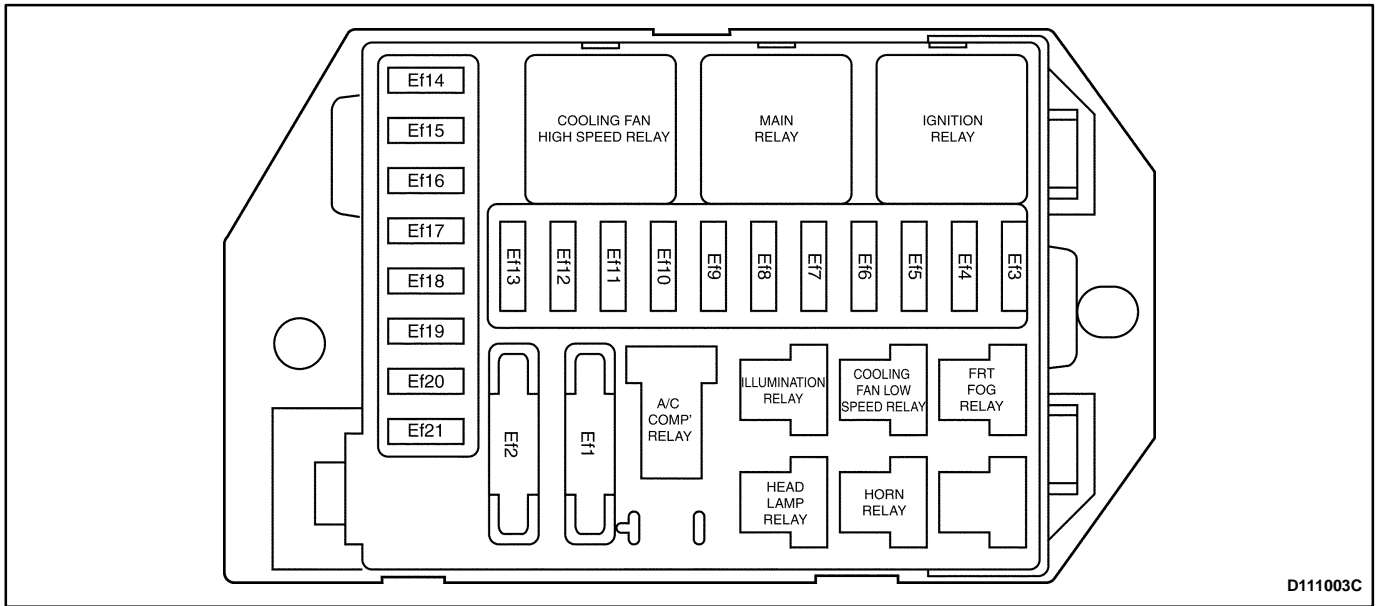


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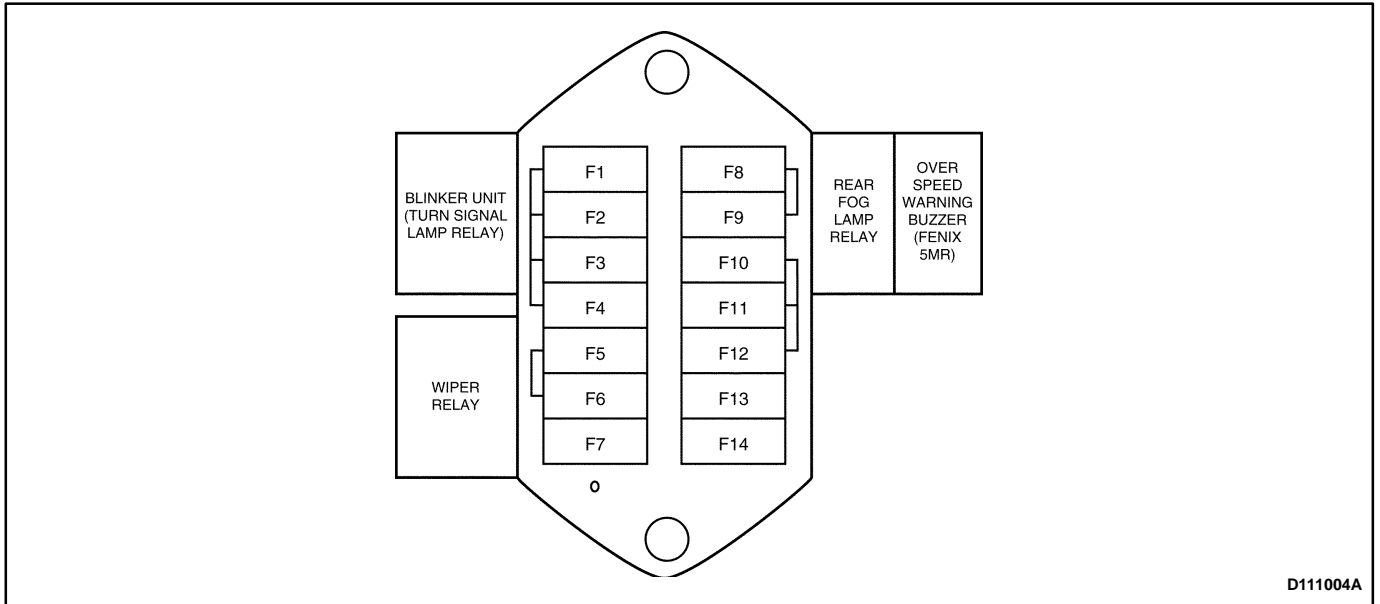
RELAY & FUSE BOX LOCATOR (ENGINE ROOM: SIRIUS D3)



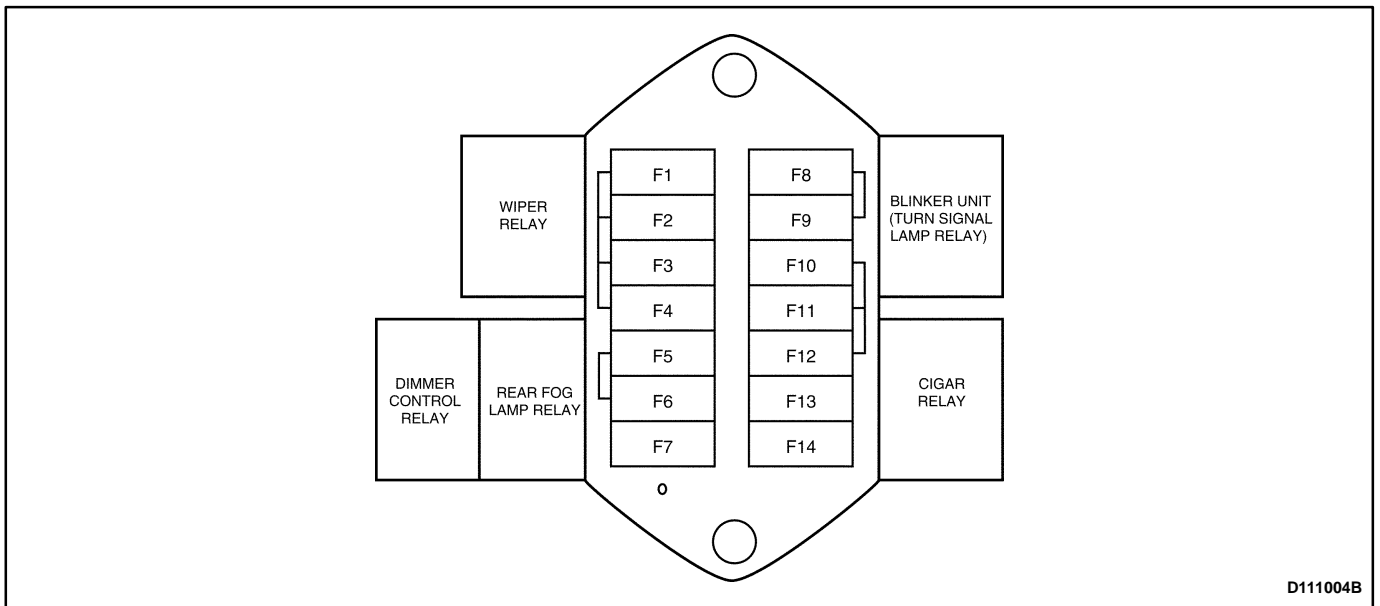
RELAY & FUSE BOX LOCATOR (ENGINE ROOM: FENIX 5MR)



FUSE BOX LOCATOR (PASSENGER COMPARTMENT: LHD)



FUSE BOX LOCATOR (PASSENGER COMPARTMENT: RHD)

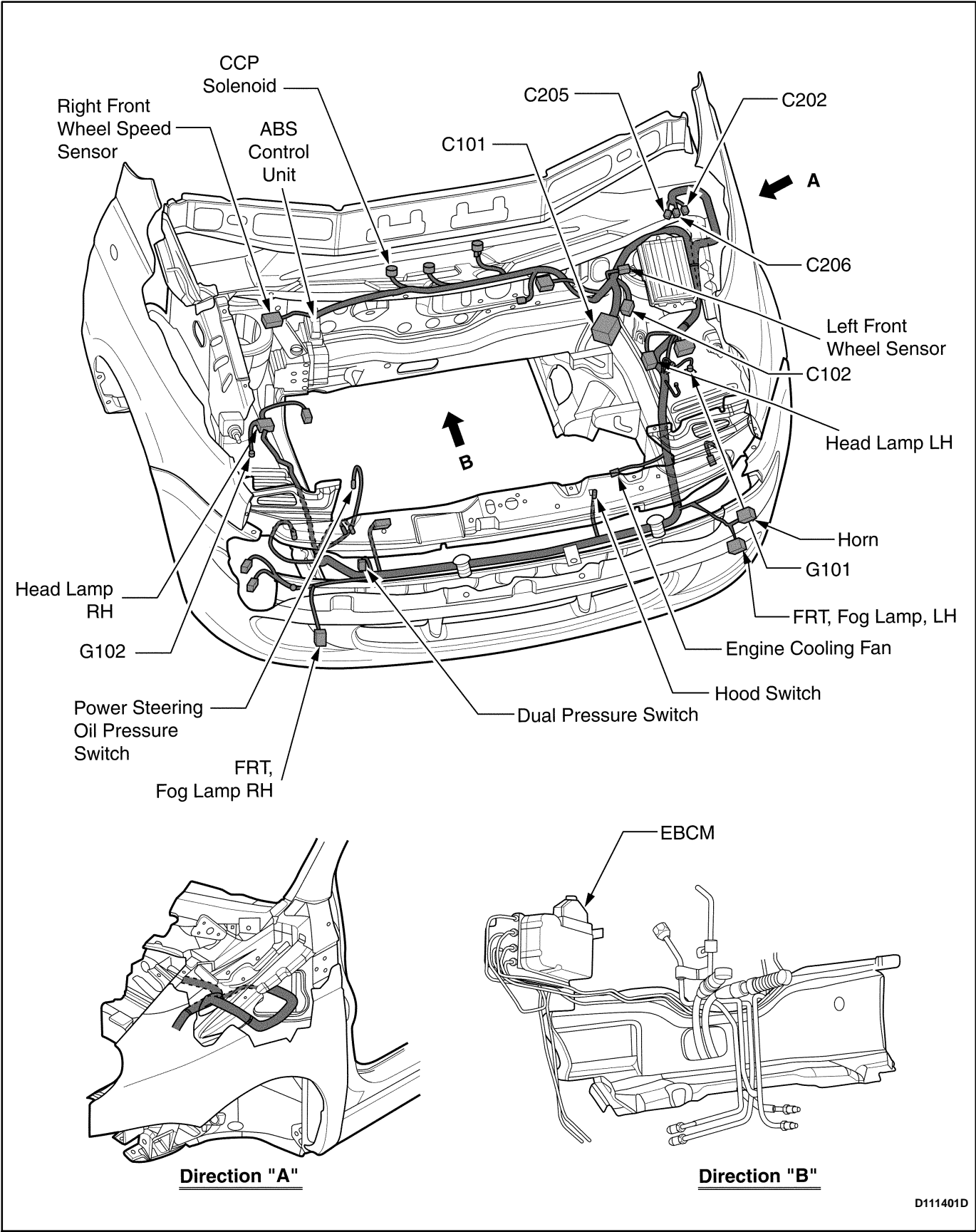


FUSE CHART

Fuse	Rating/ Source		Circuit
	Rating	Source	
Ef1 (Engine Fuse)	50A	BAT	ABS
Ef2	40A	BAT	Ignition Switch, Instrument Panel Fuse Block (F5, F11 ~ F13)
Ef3	10A	BAT	Fuel cut-off Switch (Inertia Switch)
Ef4	10A	IGN 1	Fuel, EBCM, Generator, VSS, Fuel Pump Relay, Main Relay, Ignition Coil
Ef5	–	–	Not Used
Ef6	20A	BAT	Blower Motor
Ef7	15A	BAT	Rear Window Defogger
Ef8	10A	BAT	Headlamp Hi Beam, Right Side
Ef9	10A	BAT	Headlamp Hi Beam, Left Side
Ef10	10A	BAT	Headlamp Lo Beam, Right Side
Ef11	10A	BAT	Headlamp Lo Beam, Left Side
Ef12	10A	58	Tail and Illumination Lamps, Right Side
Ef13	10A	58	Tail and Illumination Lamps, Left Side
Ef14	10A	BAT	A/C Compressor
Ef15	30A	BAT	Radiator Fan
Ef16	10A	–	Spare
Ef17	10A	BAT	Horn
Ef18	20A	BAT	Headlamp Relay, Hi Beam Passing, DRL Module
Ef19	15A	BAT	ECM, Main Relay
Ef20	15A	BAT	Front Fog Lamp
Ef21	15A	–	Spare
F1 (Fuse)	10A	IGN 1	Cluster, Clock, IMMO, Anti-Theft Control Unit, DRL Relay
F2	10A	IGN 1	SDM
F3	25A	IGN 1	Hazard Switch, DRL Module
F4	10A	IGN 1	Turn Signal Lamp
F5	15A	BAT	Stop Lamp
F6	10A	ACC	Audio
F7	20A	ACC	Cigar Light
F8	15A	IGN 2	Wiper
F9	15A	IGN 2	Rear Wiper Motor, Front & Rear Washer, Backup Lamp
F10	10A	IGN 2	Auto Mirror Switch
F11	10A	Ef2	IMMO, Audio, Room Lamp
F12	15A	Ef2	Hazard, Clock
F13	20A	Ef2	Anti-Theft Control Unit, Door Lock
F14	20A	ST	Starter Motor

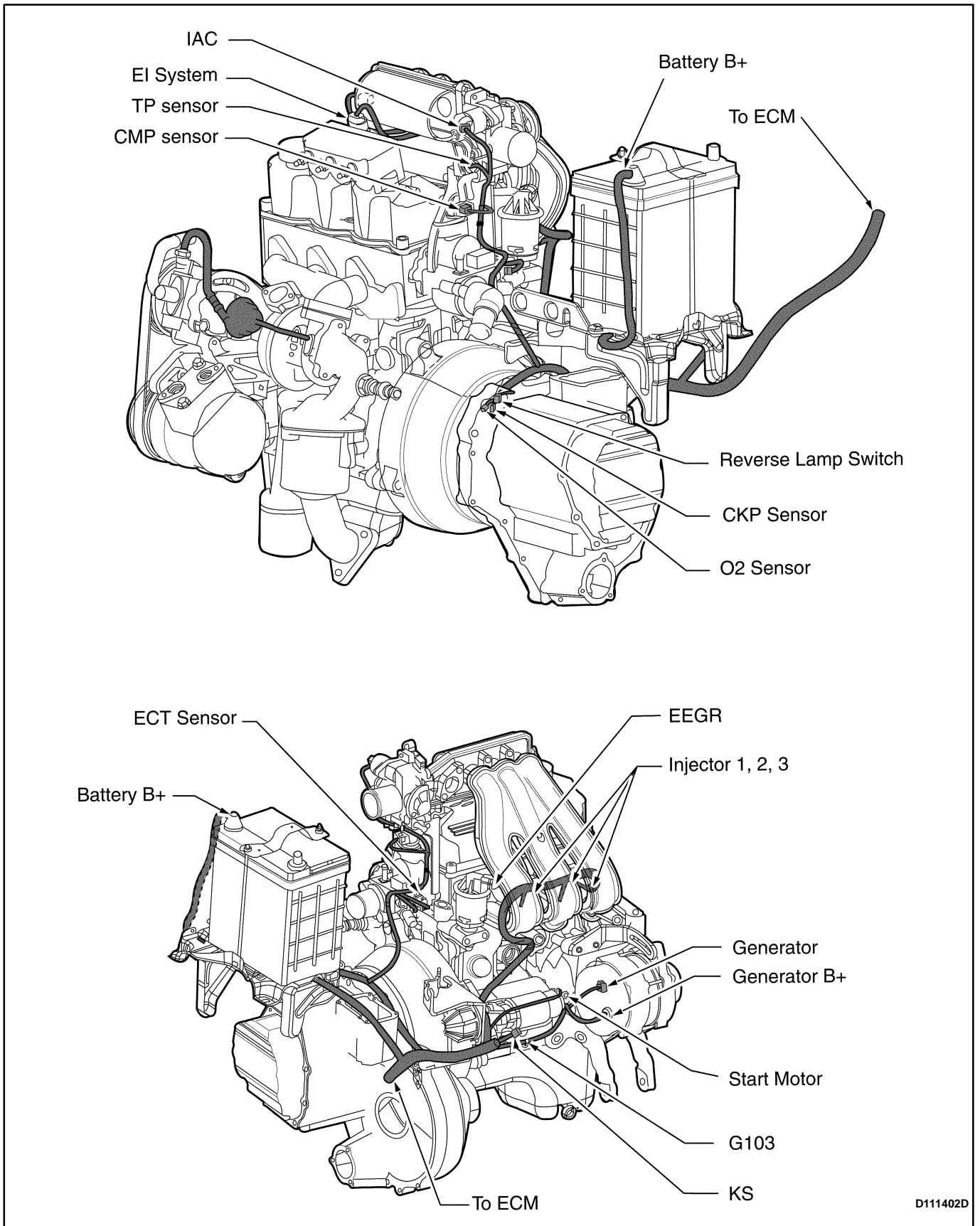
FRONT HARNESS ROUTING

(Left-Hand Drive Shown, Right-Hand Drive Similar)



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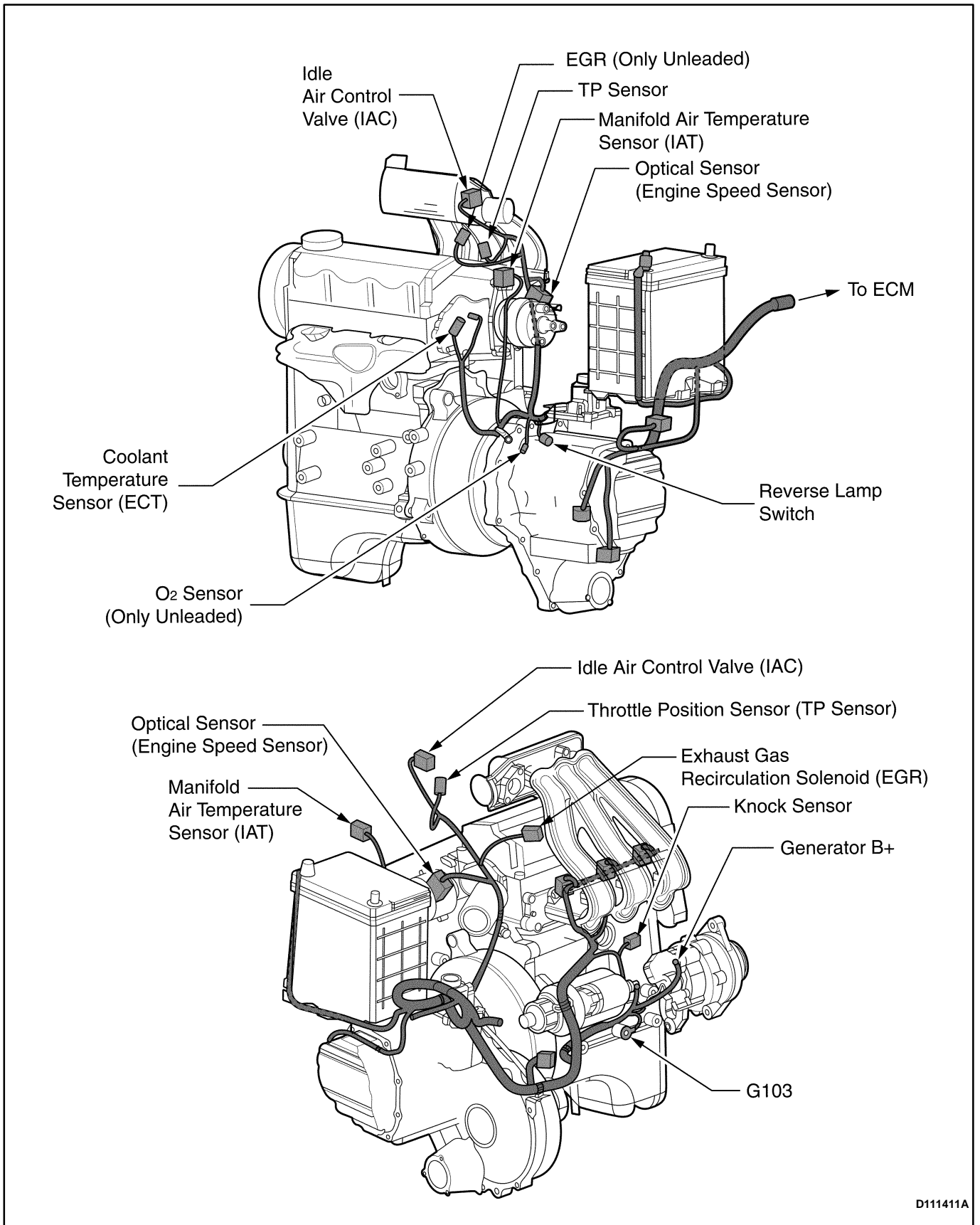
ENGINE HARNESS ROUTING (SIRIUS D3) (Left-Hand Drive Shown, Right-Hand Drive Similar)



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ENGINE HARNESS ROUTING (FENIX 5NR)

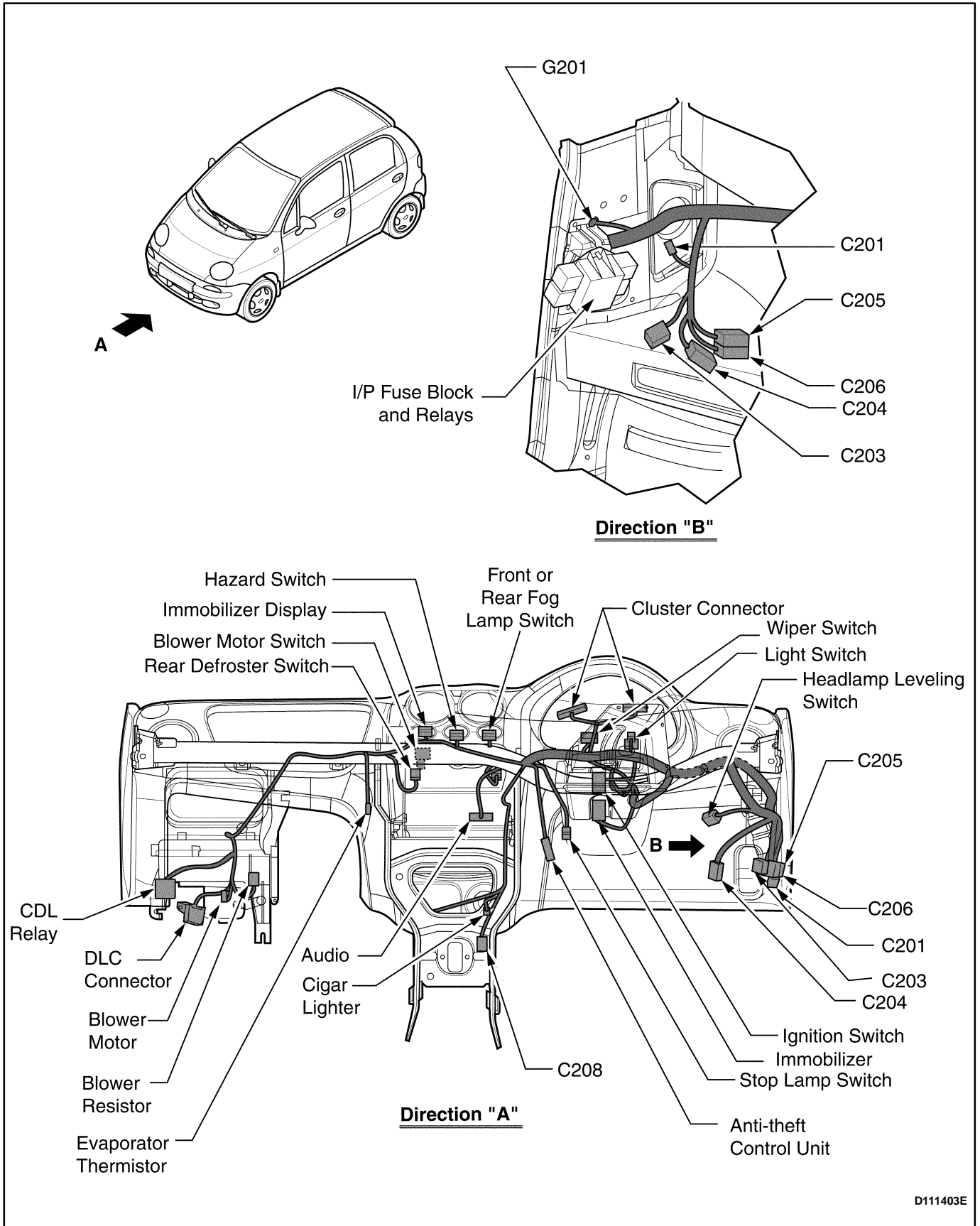
(Left-Hand Drive Shown, Right-Hand Drive Similar)



D111411A

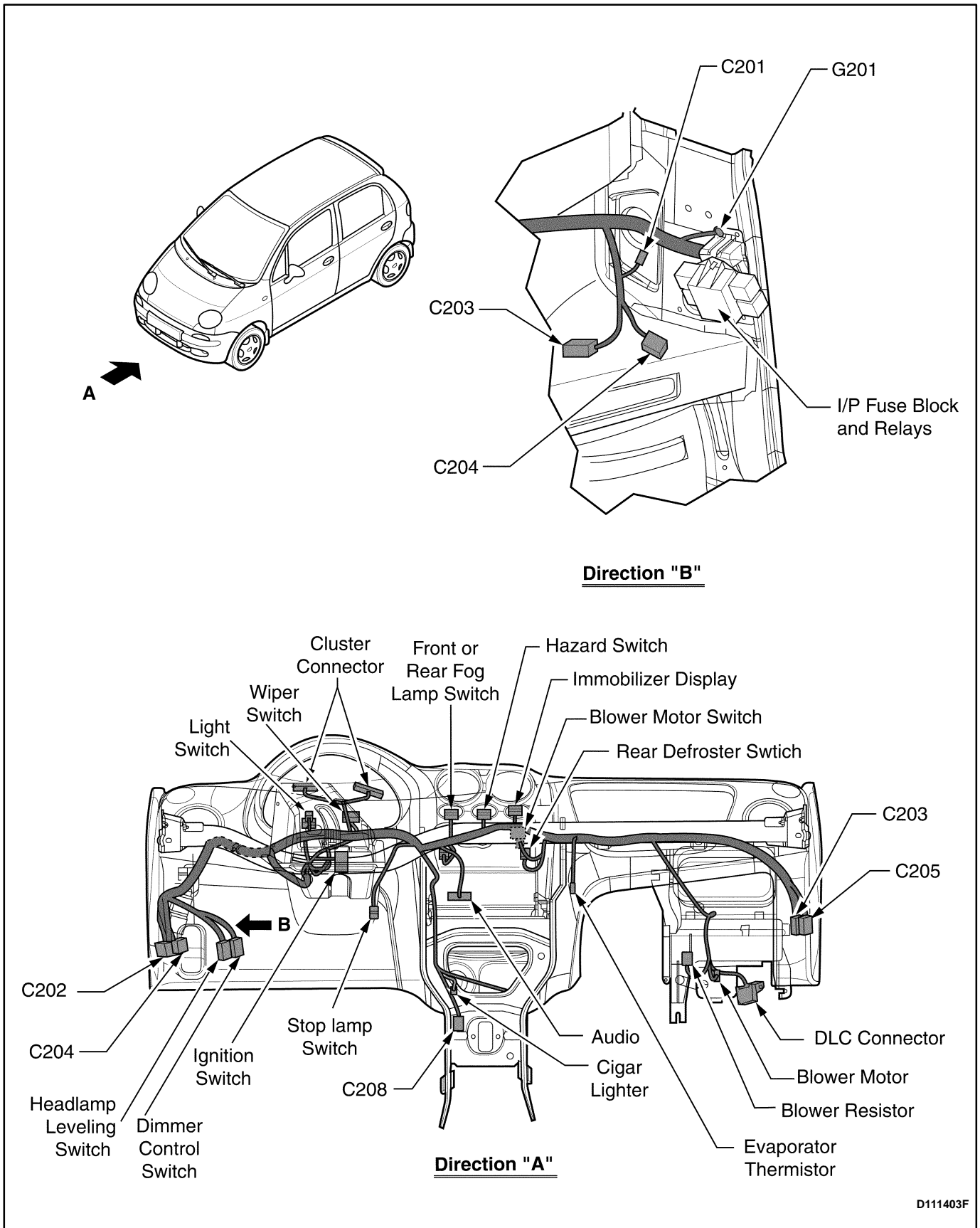
INSTRUMENT HARNESS ROUTING

(Left-Hand Drive)



D111403E

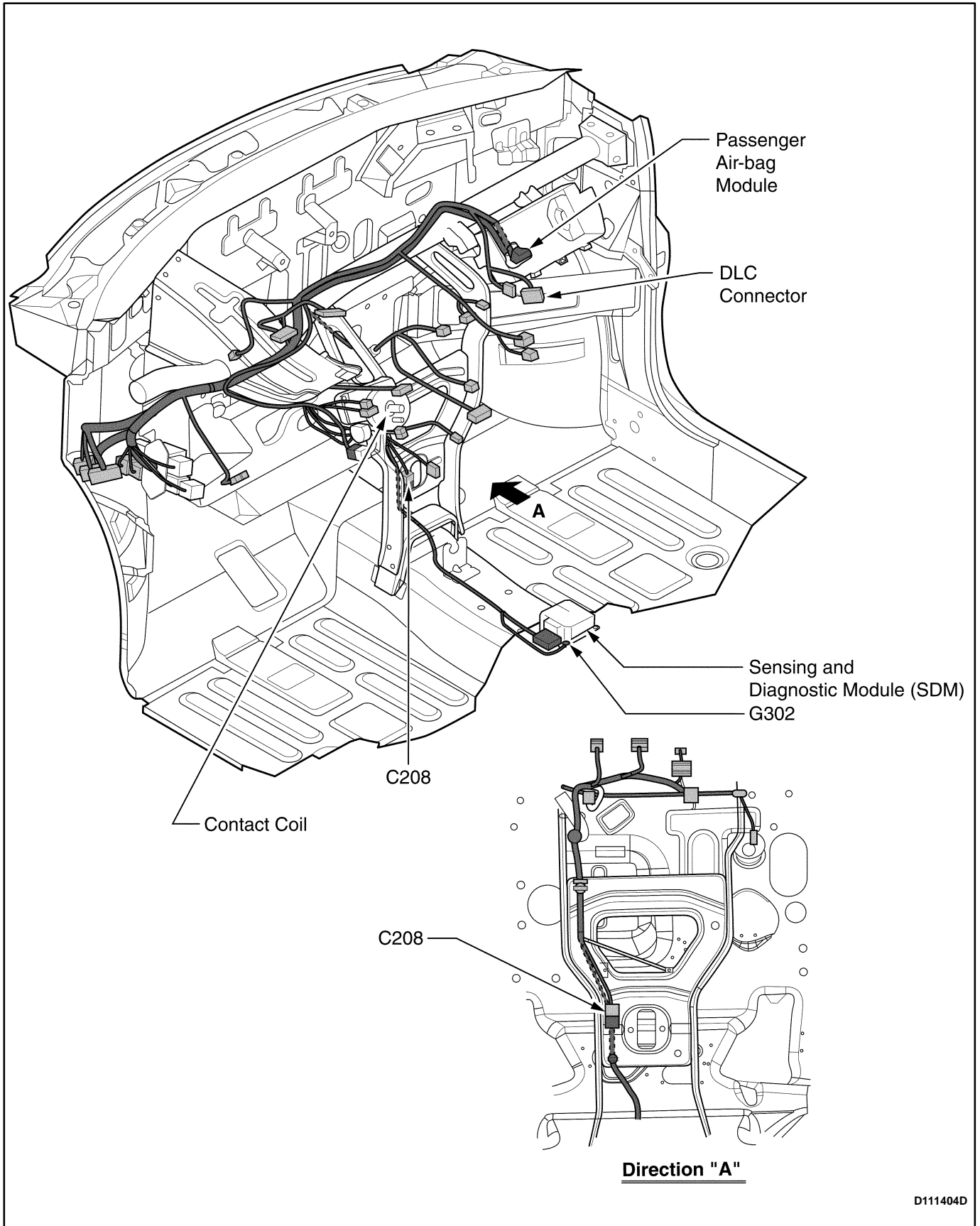
INSTRUMENT HARNESS ROUTING (Right-Hand Drive)



D111403F

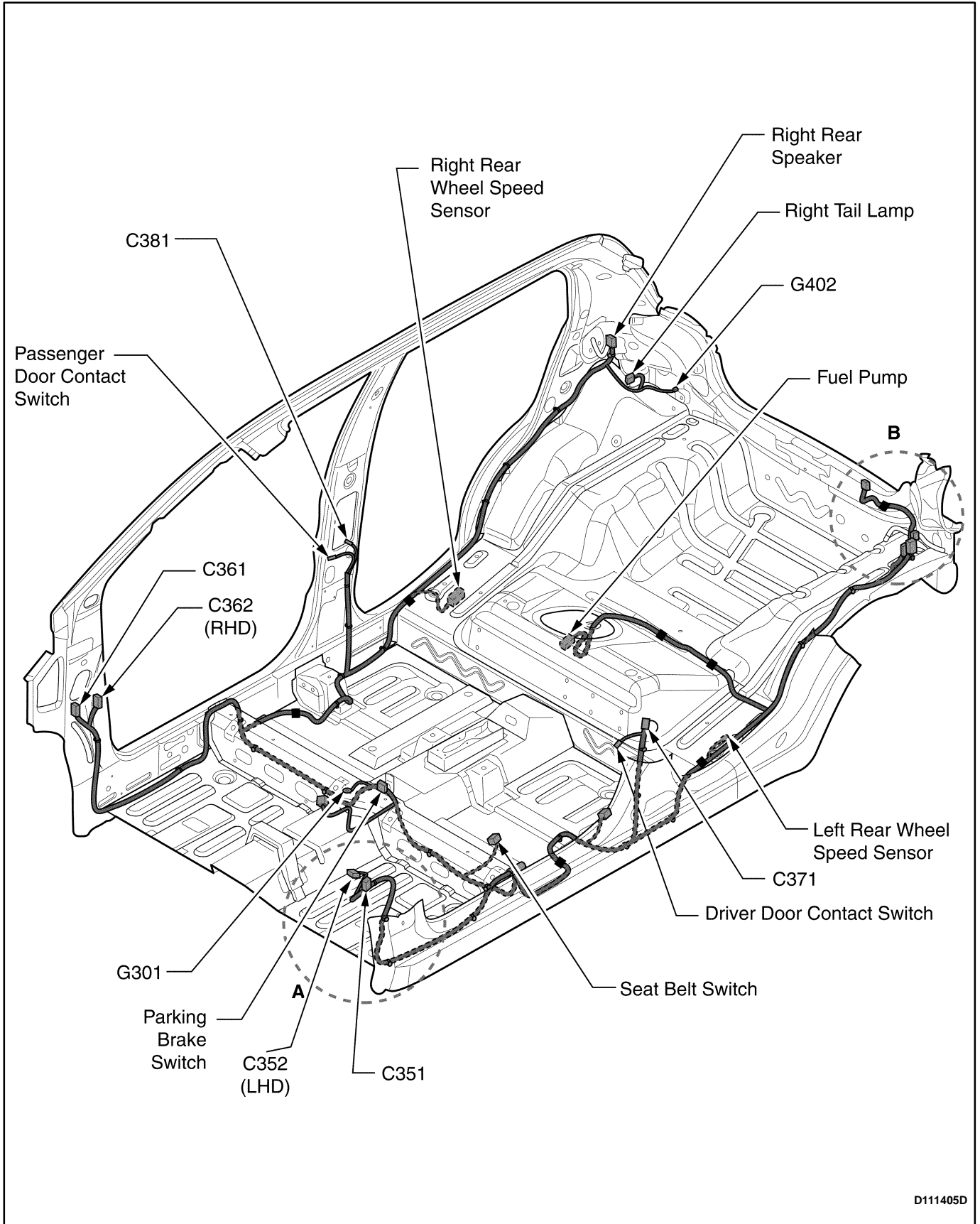
AIRBAG HARNESS ROUTING

(Left-Hand Drive Shown, Right-Hand Drive Similar)



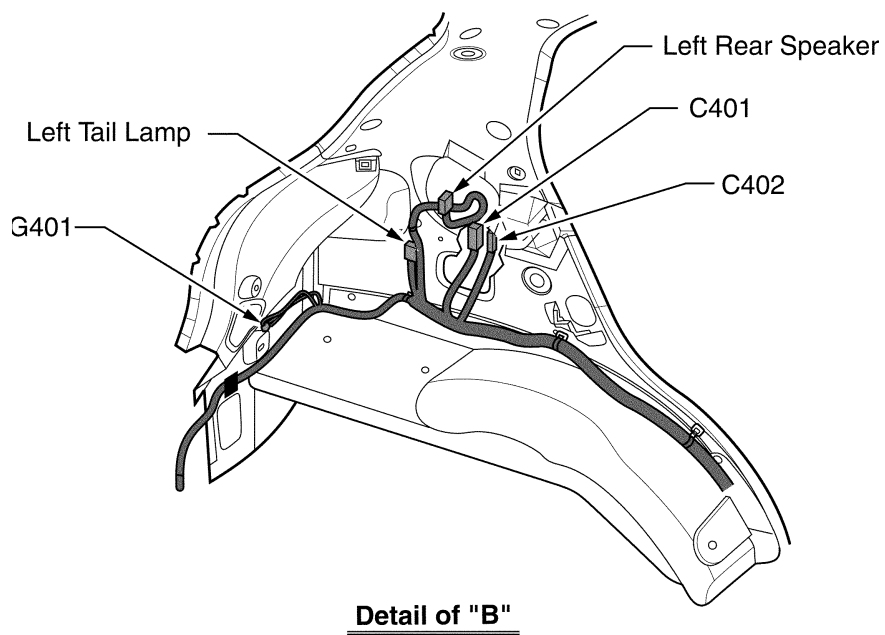
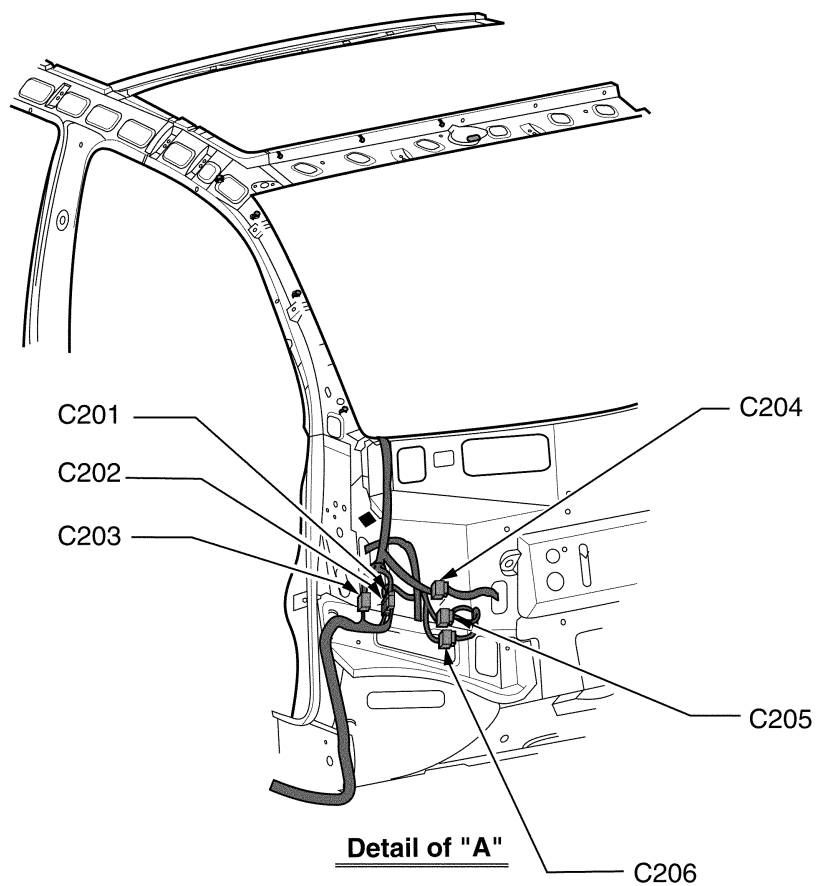
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BODY HARNESS ROUTING



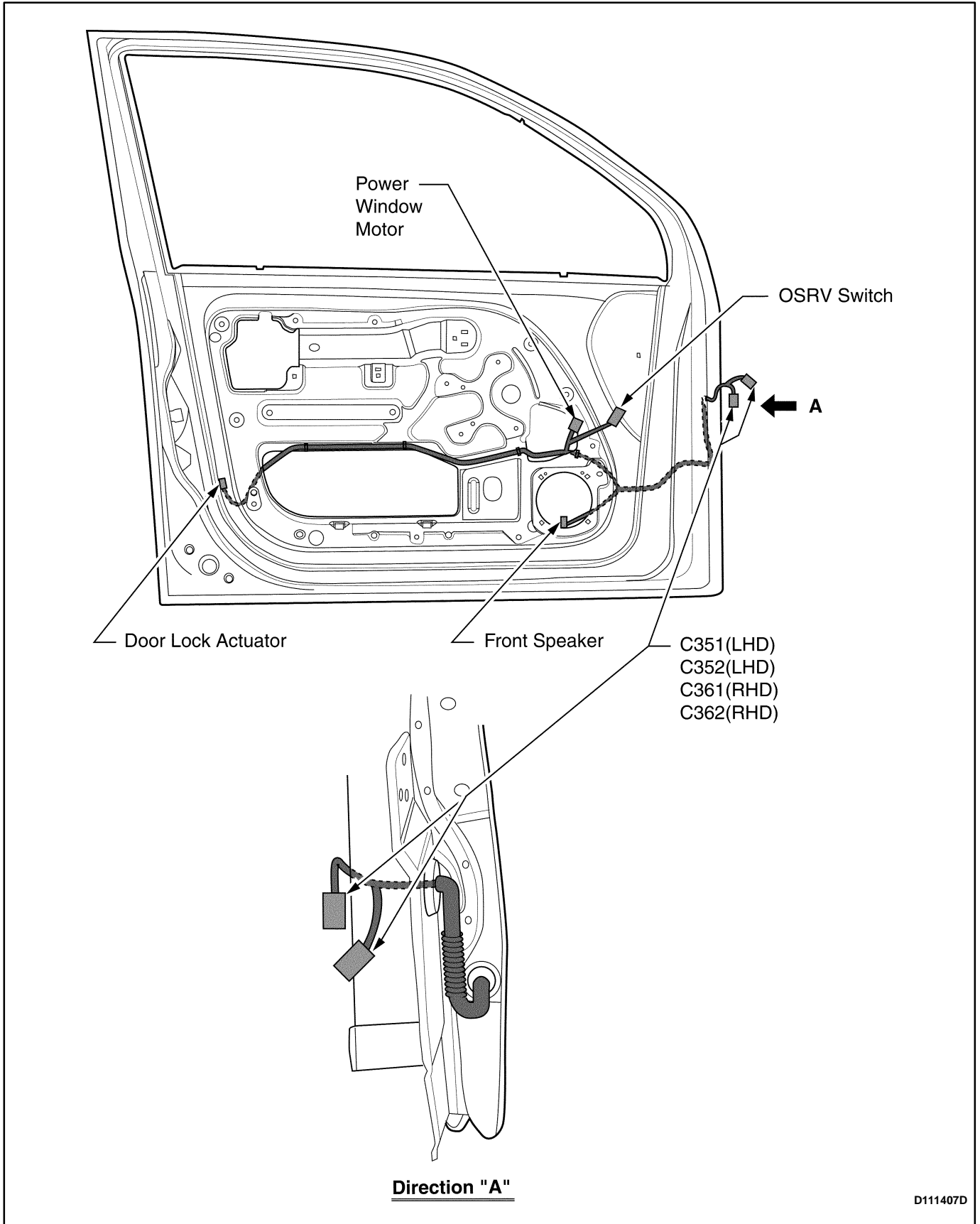
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BODY HARNESS ROUTING (Cont'd)



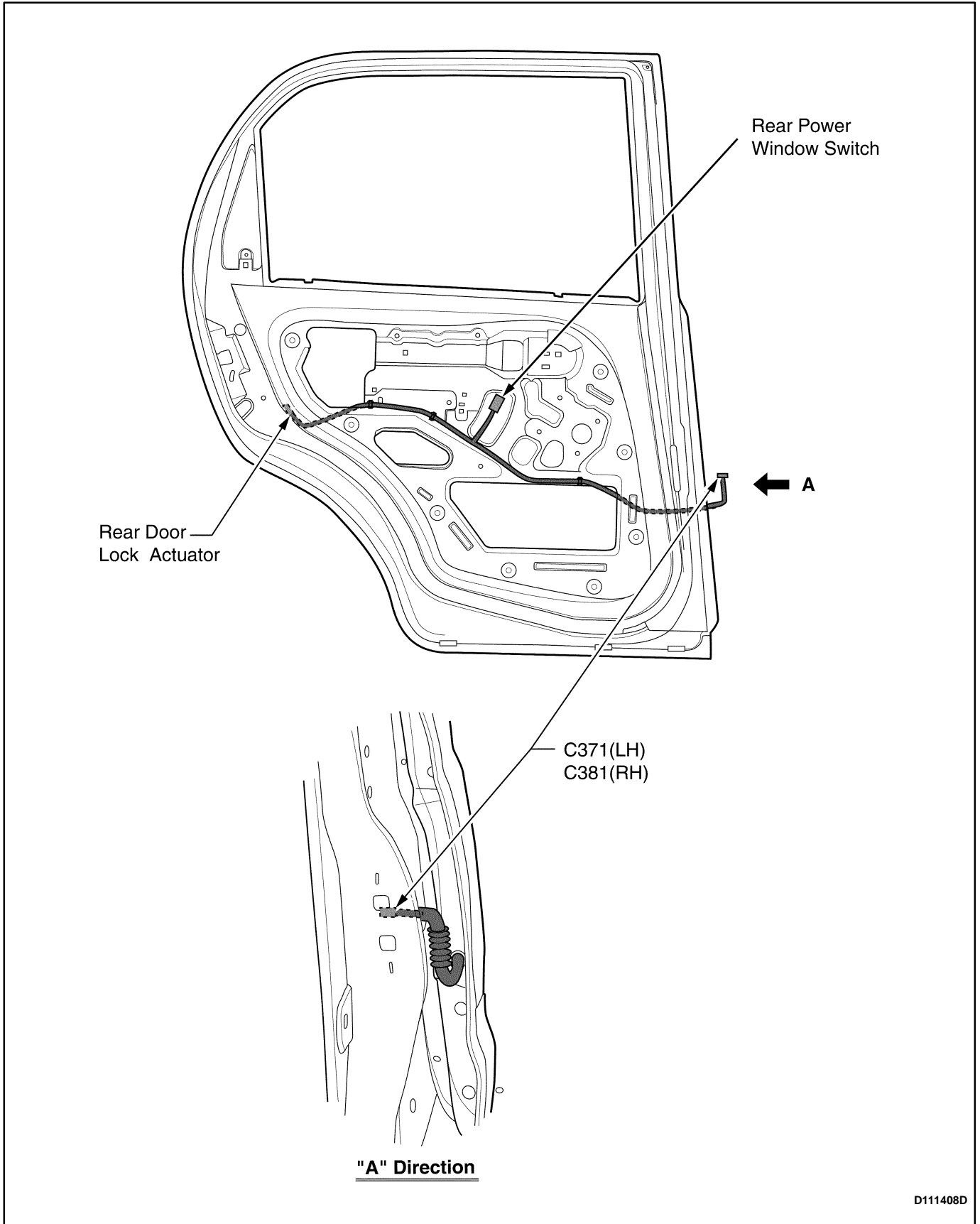
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FRONT DOOR HARNESS ROUTING



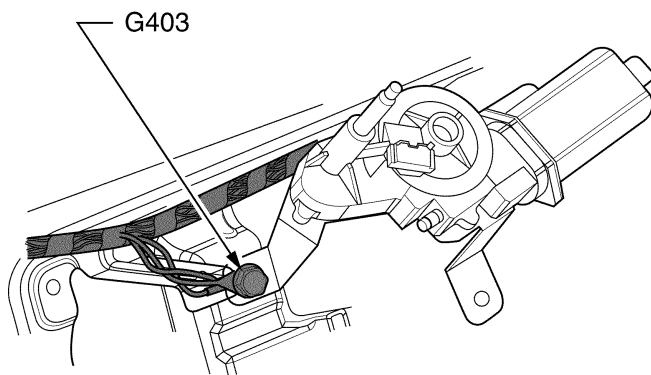
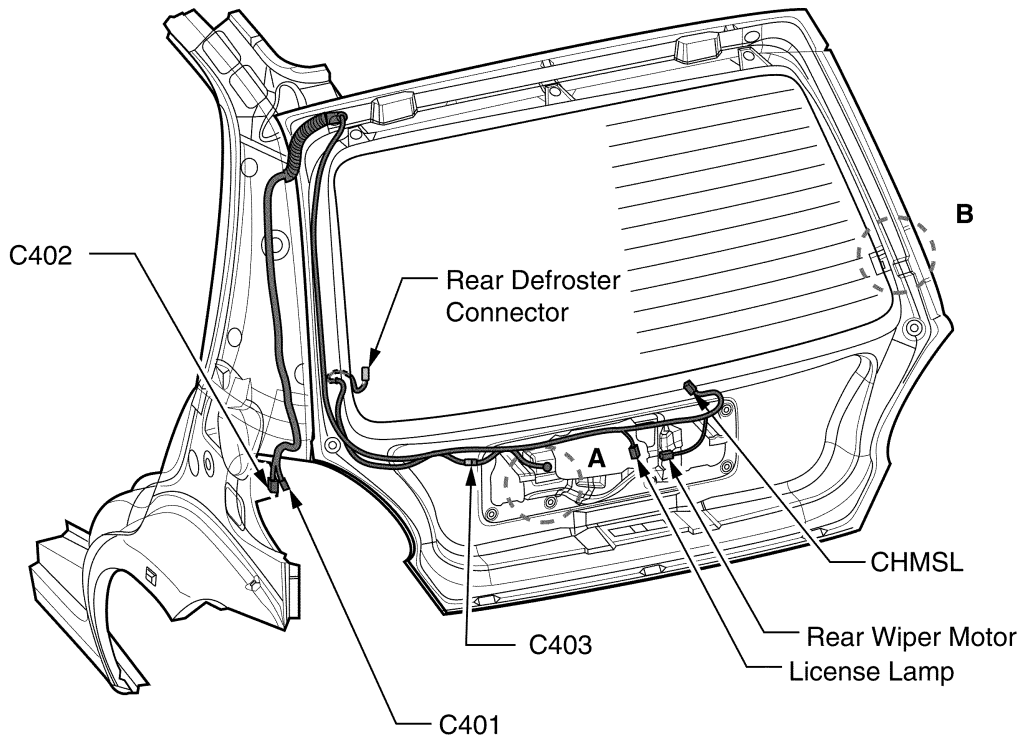
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REAR DOOR HARNESS ROUTING

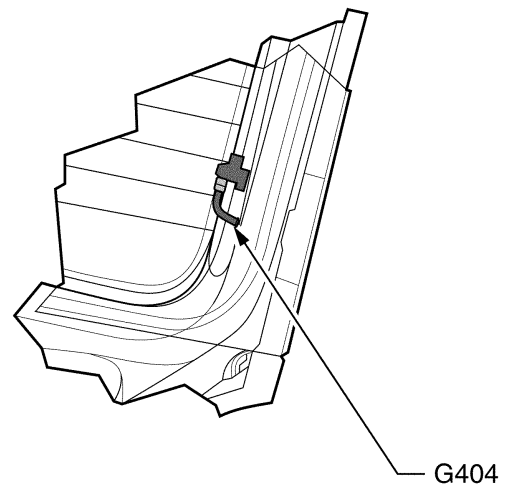


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TAILGATE HARNESS ROUTING



Detail of "A"



Detail of "B"