

Component Identification

Component	Connector	Circuit Page	Component	Connector	Circuit Page
Airbag-Driver	C0257	3	Cabin-Boot Inline 4	C0109	
Airbag-Passenger1	C0251	3	Cabin-Boot Inline 7	C0607	
Airbag-Passenger2	C0261	3	Cabin-Boot Inline 8	C0608	
Airbag-Side-Left	C0948	3	Cabin-Boot MOST Connector	C0420	
Airbag-Side-Right	C0949	3	Cabin-Centre Stack Inline 1	C0083	
Alternator/Generator	C0226	60, 69	Cabin-Centre Stack Inline 2	C1165	
Alternator/Generator Battery Terminal	C1893	58	Cabin-Centre Stack Inline 3	C1185	
AM/FM Receiver Module	C2538	7	Cabin-Centre Stack Inline 4	C1322	
AM/FM Receiver Module	C2219	7	Cabin-Centre Stack MOST Connection	C1898	
AM/FM Receiver Module (MOST)	C0102	74, 75	Cabin-Driver Airbag Inline	C0273	
Amplifier-(Aud Power)	C2588	46	Cabin-Engine Inline 1	C2242	
Antenna Amplifier1	C2510	7	Cabin-Engine Inline 2	C2243	
Antenna Amplifier1	C0491	7	Cabin-Engine Inline 3	C2244	
Antenna Amplifier2	C2511	7	Cabin-Engine Inline 4	C2245	
Antenna Amplifier2	C0492	7	Cabin-Fuel Tank Inline 1	C1187	
Antenna-GPS	C1598	17	Cabin-Fuel Tank Inline 2	C0113	
Antenna-Phone	C2233	17	Cabin-Passenger Airbag Inline	C0305	
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Bar-ROPS-RH	C2673	60	CEM Busbar 3 Feed	C2509	57
Battery Fusebox	C0632	57	CEM Busbar 4 Feed	C2841	57
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Battery Positive Terminal	C0192	57, 58	CEM Connector Cockpit 1 (C1)	C0580	
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Boot Fusebox - Conn C	C2012		CEM Connector Front End 1 (C7)	C0586	
Boot Fusebox - Conn D	C2013		CEM Connector Front End 2 (C9)	C0588	
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Boot Lamp2	C0120	36	CEM Connector Roof 2 (C10)	C0589	
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C10 Engine Bay Fusebox	C0579		Convertible Roof1	C2805	19
C2 Engine Bay Fusebox	C0571		Convertible Roof2	C2806	19
C3 Engine Bay Fusebox	C0572		Convertible Roof3	C2807	19
C4 Engine Bay Fusebox	C0573		Convertible Roof5	C2809	20
C5 Engine Bay Fusebox	C0574		Convertible Roof6 (Hydraulic Pump)	C2810	18
C6 Engine Bay Fusebox	C0575		Diagnostic Connector A - Powertrain	C0549	16, 54
C7 Engine Bay Fusebox	C0576		Diagnostic Connector B - Body	C0877	14, 53
C8 Engine Bay Fusebox	C0577		Direction Mode Actuator	C0413	5, 6
C9 Engine Bay Fusebox	C0578		Door Lock-Drivers Door	C1449	22
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Drivers Door Module Conn 3	C0338	23	Earth Eyelet-Front Brake Pad Wear Sensors	C2564	30
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Drivers Door-Puddle Lamp	C0978	18	Earth Eyelet-Fuel Flap Release Switch	C2921	32
Dual Relay Base-Tonneau Lid Lock	C0063	6	Earth Eyelet-Fuel Flap Sol, Bt Lmps, Mtr-Boot	C2692	1, 32, 36
Earth Eyelet-Aircon Clutch	C0560	46	Earth Eyelet-Fuel Tank	C2899	41
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Earth Eyelet-Rear Quarter light Motor-LH	C2644	20	Eyelet-Underbonnet Fusebox Battery Feed	C2608	57
Earth Eyelet-Rear Quarter light Motor-RH	C2645	20	Eyelet-Underbonnet Fusebox Clean Feed	C2705	57
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Earth Eyelet-Stalk Trip Sw	C0821	30	Facia-Cabin Inline MMM	C2246	
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			Headlamp-HID Auto Level-LH	C0009	33
			Headlamp-HID Auto Level-RH	C0012	35
			Headlamp-HID Auto Level-RH	C0011	33
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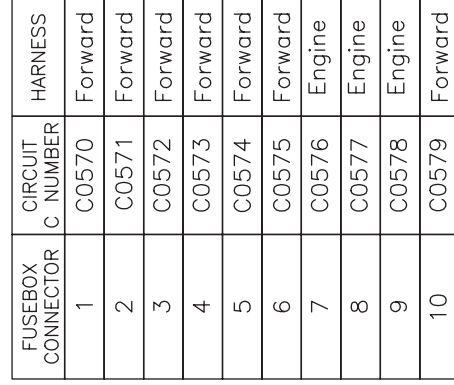
Component	Connector	Circuit Page	Component	Connector	Circuit Page
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Ignition Coil 3	C0276	47	Module-Centre Console-Conn2 (Midd)	C0429	
Ignition Coil 4	C1770	47	Module-Centre Console-Conn3 (Key B)	C0430	
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Ignition Coil 8	C2088	47	Module-Cooling Fan Pack	C2470	21
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M6 Cooling Fan Feed Stud	C1641	21	Motor-Rear Quarter light-RH	C2593	20
Map Lamp-LH	C0355	49	Motor-Tonneau Lid Lock-LH	C2594	18
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Passenger Door Module Conn 2	C0323	15, 24, 25	Sensor-Engine Coolant Level	C0147	66
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Passenger Seat-Conn1	C2379	62	Sensor-F/R/ABS	C0517	51
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Passenger Seat-Conn4	C0253	2, 62, 15	Sensor-Front Impact-Right	C1653	3
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Rear Side marker-RH	C0918	40	Sensor-PDC-RIL	C0964	55
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Sensor-Brake Pressure	C2444	51	Sensor-Vehicle Speed (Automatic)	C0195	68
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			Socket-Rear Power Outlet	C1632	1
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			Solenoid-Glovebox Release	C2833	32
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Switchpack-Seat-Manual 2	C0774	61			
Switchpack-Seat-Manual 2	C2800	62			
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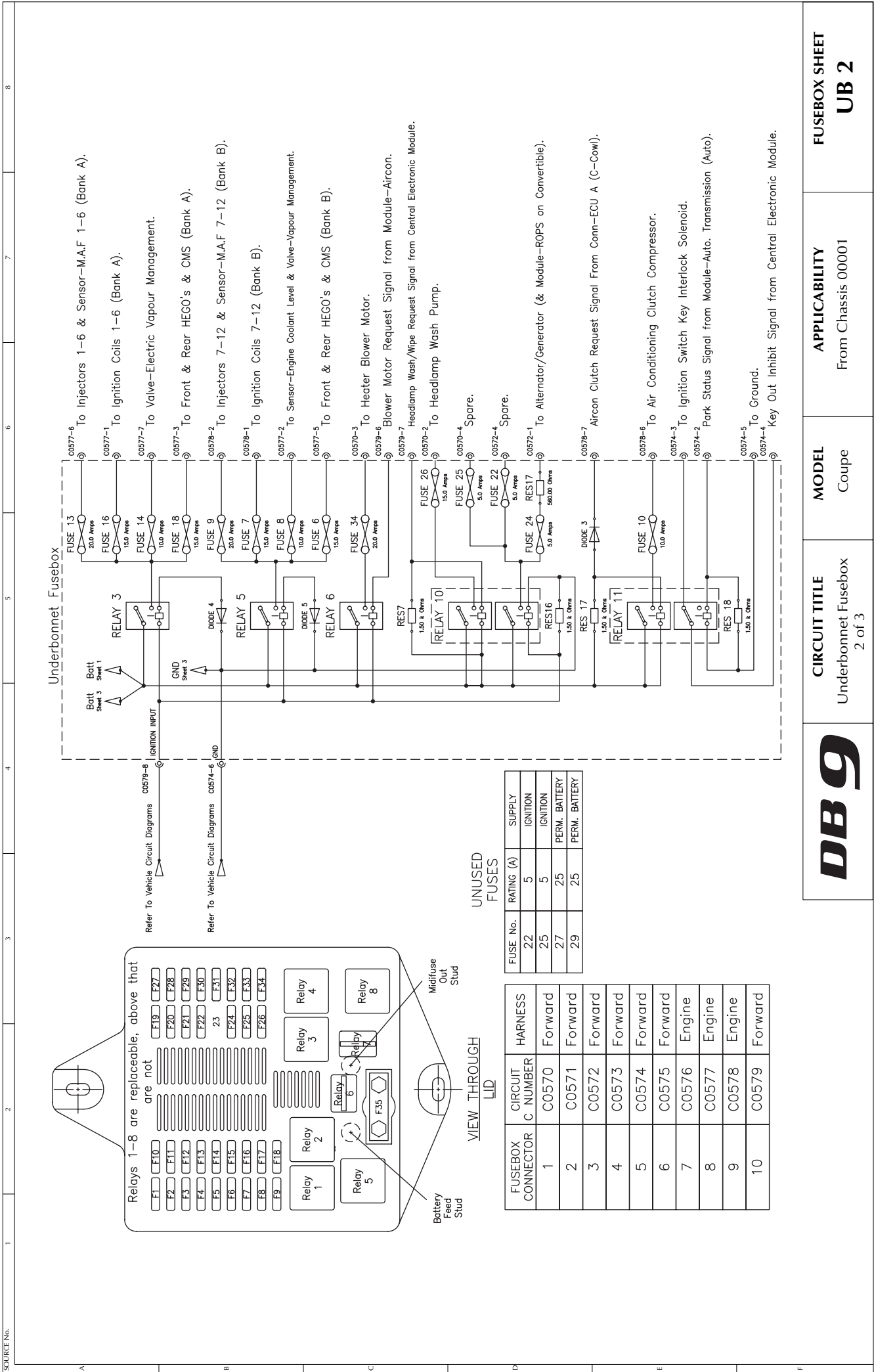
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A	Sheet No.		Title		Sheet No.				
	Fusebox Diagrams								
	UB 1 - 3	Underbonnet Fusebox		Sheet 34	Exterior Lighting (HID Headlamp Auto Levelling)				
	CEM 1 - 7	Central Electronic Module		Sheet 35	Exterior Lighting (Direction Indicators and Side Repeaters)				
	B 1 - 2	Boot Fusebox		Sheet 36	Exterior Lighting (License Plate Lamps and Boot Release)				
	Circuit Diagrams								
	Sheet 1	Accessory Socket, Cigar Lighter and Boot Latch		Sheet 37	Exterior Lighting (Rear Fog Lamps)				
B	Sheet 2	Active Restraint System		Sheet 38	Exterior Lighting (Reverse Lamps - Manual Transmission)				
	Sheet 3	Active Restraint System		Sheet 39	Exterior Lighting (Stop Lamps and High Mounted Stop Lamp)				
	Sheet 4	Air Conditioning		Sheet 40	Exterior Lighting (Tail Lamps and Side Markers)				
	Sheet 5	Air Conditioning		Sheet 41	Fuel System				
	Sheet 6	Air Conditioning		Sheet 42	Heated Screens (Heated Window and Rear Window)				
	Sheet 7	AM_FM Receiver Modul and Antenna Amplifier		Sheet 43	Oxygen Sensors and Catalyst Monitor Sensors Bank A				
	Sheet 8	Automatic transmission		Sheet 44	Oxygen Sensors and Catalyst Monitor Sensors Bank B				
	Sheet 9	Automatic transmission		Sheet 45	In-Car Entertainment				
	Sheet 10	Background Illumination		Sheet 46	In-Car Entertainment				
	Sheet 11	Background Illumination		Sheet 47	Ignition Coils				
	Sheet 12	Background Illumination		Sheet 48	Fuel Injectors				
	Sheet 13	CAN Bus 2 (High Speed Volcano)		Sheet 49	Interior Illumination (plus Door Puddle Lamps)				
	Sheet 14	CAN Bus (Low Speed Volcano)		Sheet 50	Interactive Vehicle Dynamics				
	Sheet 15	CAN Bus (Low Speed Volcano)		Sheet 51	Interactive Vehicle Dynamics				
	Sheet 16	CAN Bus 1 (Powertrain)		Sheet 52	Multi-Media Module and Display				
	Sheet 17	CCM, ICM, MP, GPS, Phone		Sheet 53	OBD II Connectors (Body B)				
	Sheet 18	Convertible Roof		Sheet 54	OBD II Connectors (Powertrain A)				
	Sheet 19	Convertible Roof		Sheet 55	Parking Distance Aid				
	Sheet 20	Convertible Roof		Sheet 56	Power and Grounds-EEC (Wake -Up and Grounds - CEM)				
	Sheet 21	Cooling Fans		Sheet 57	Power Distribution (Clean Feeds)				
	Sheet 22	Doors (Driver and Passenger Door Locks)		Sheet 58	Power Distribution (Dirty Feeds)				
	Sheet 23	Doors (Electric Window - Drivers Door)		Sheet 59	Power Steering				
	Sheet 24	Doors (Electric Window - Passengers Door)		Sheet 60	Roll-Over Protection (Convertible Only)				
	Sheet 25	Doors (Master Locking Switch)		Sheet 61	Seat (Driver - Manual)				
	Sheet 26	Doors (Power Mirror - Drivers Door)		Sheet 62	Seat (Passenger - Manual)				
	Sheet 27	Doors (Door Mirror - Passengers Door)		Sheet 63	Security System				
	Sheet 28	Doors (Power Fold Mirror - Passengers Door)		Sheet 64	Security System				
	Sheet 29	Doors (Power Fold Mirror - Drivers Door)		Sheet 65	Sensors (Engine Bay)				
	Sheet 30	Driver Information Module		Sheet 66	Sensors (Engine Bay)				
	Sheet 31	Driver Information Module		Sheet 67	Sensors (Engine Bay)				
	Sheet 32	Electric Glovebox (& Fuel Flap Release)		Sheet 68	Sensors Rearward				
	Sheet 33	Exterior Lighting (Headlamps and Front Side Markers)		Sheet 69	Starting and Charging (Charge and Battery Monitor)				
F					Sheet 70	Starting and Charging (Starting)			
					Sheet 71	Steering Wheel Switches (Horns and Cruise Control)			
					Sheet 72	Throttles and Throttle Pedal			
					Sheet 73	Wash/Wipe System			
					Sheet 74	MOST Network			
					Sheet 75	MOST Network			
DB 9				CIRCUIT TITLE Circuit Index		MODEL Coupe		APPLICABILITY From Chassis 00001	
								CIRCUIT SHEET 00	



UNUSED
FUSES



18-1-18



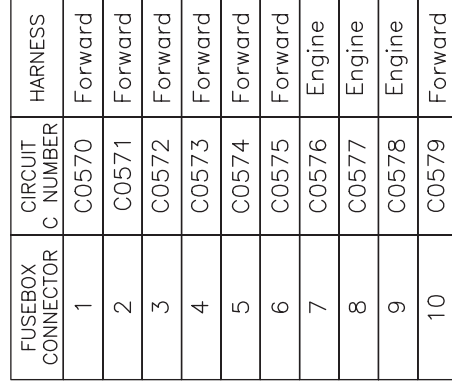
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CIRCUIT TITLE
Underbonnet Fusebox
2 of 3

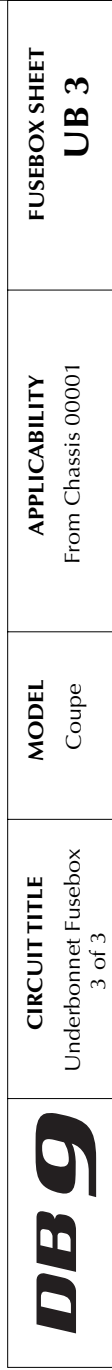
MODEL
Coupe

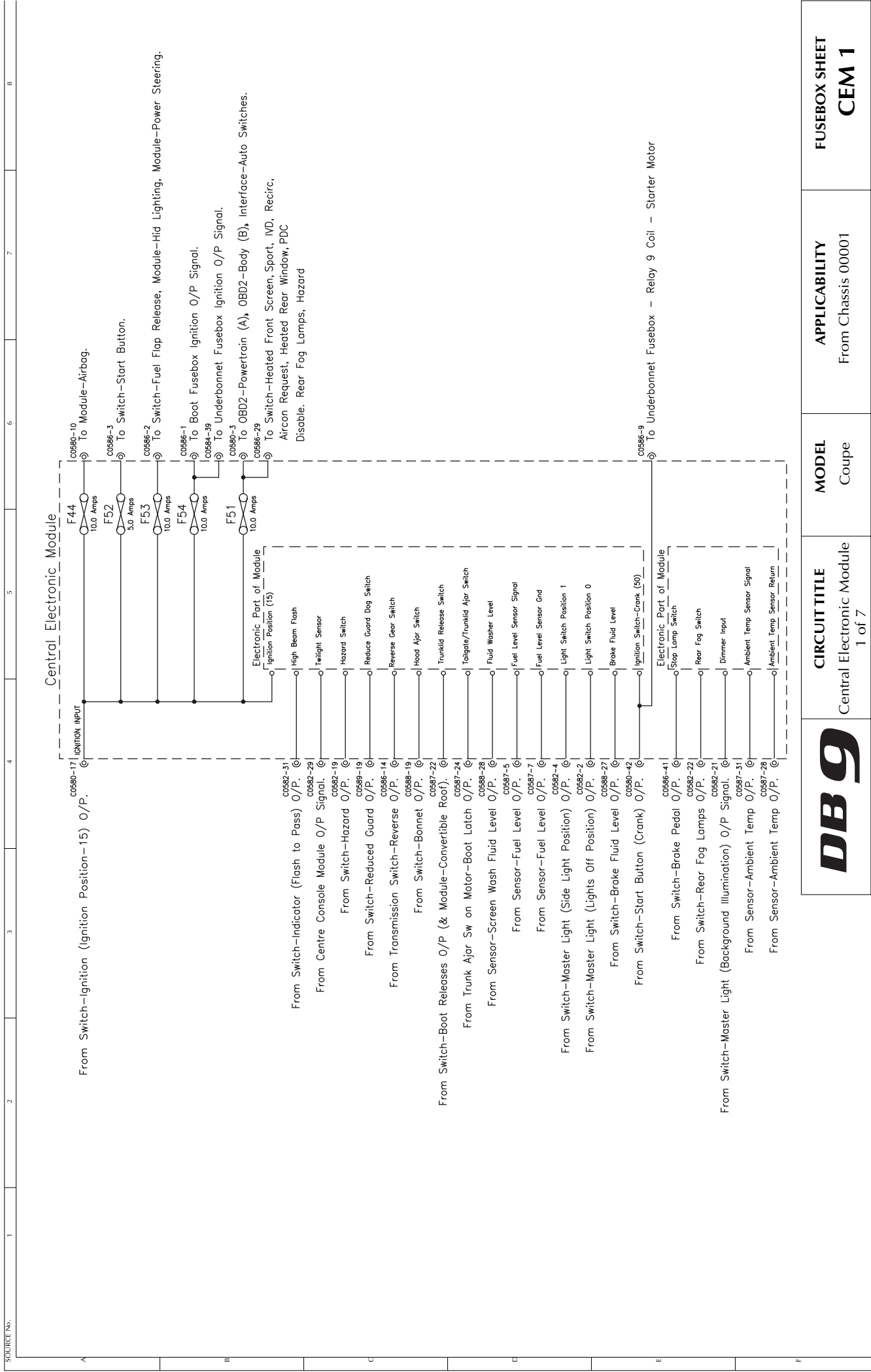
APPLICABILITY
From Chassis 00001

FUSEBOX SHEET
UB 2



FUSE No.	RATING (A)	SUPPLY
22	5	IGNITION
25	5	IGNITION
27	25	PERM. BATTERY
29	25	PERM. BATTERY





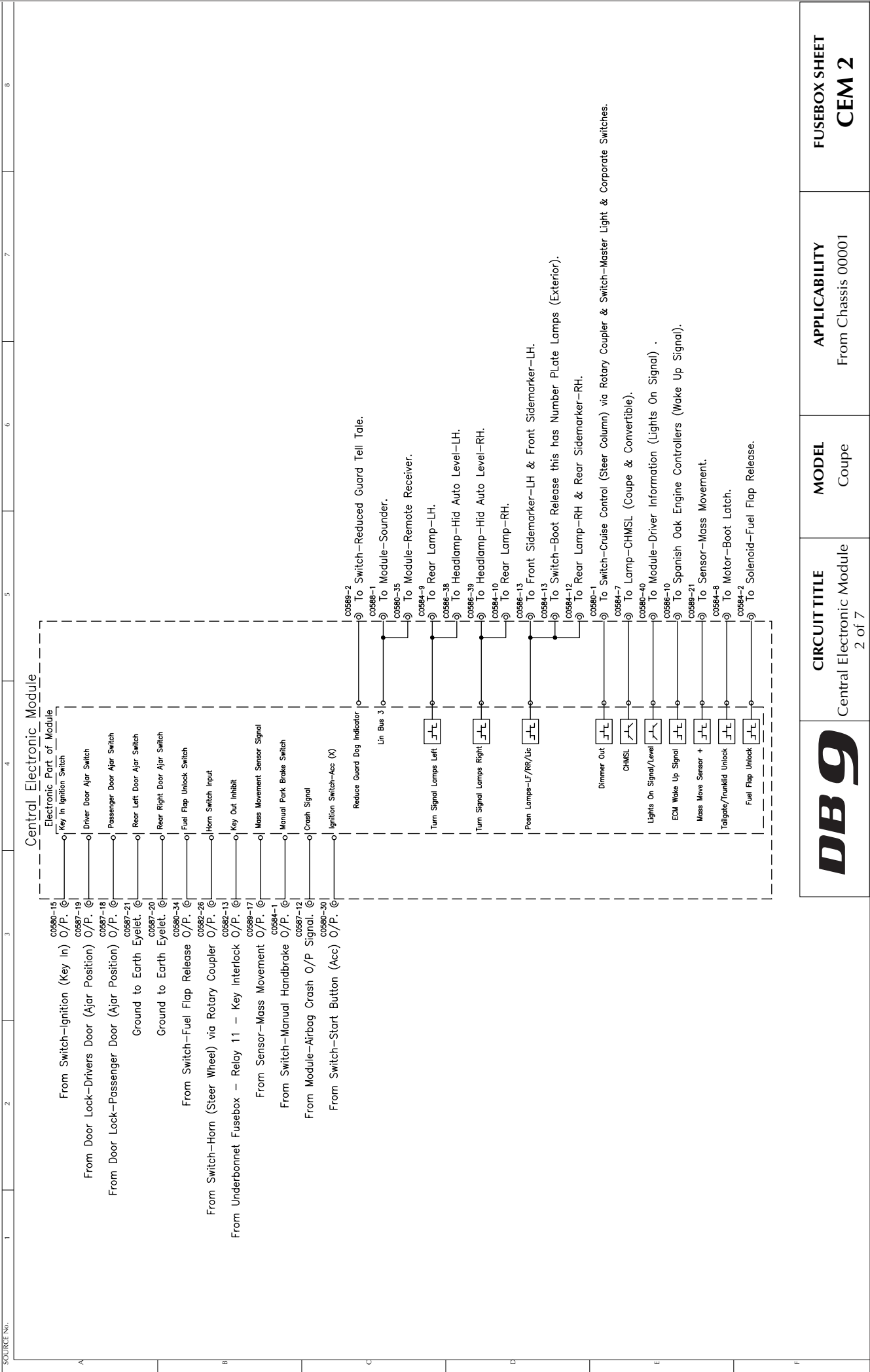
DB 9

CIRCUIT TITLE
Central Electronic Module
1 of 7

MODEL
Coupe

APPLICABILITY
From Chassis 00001

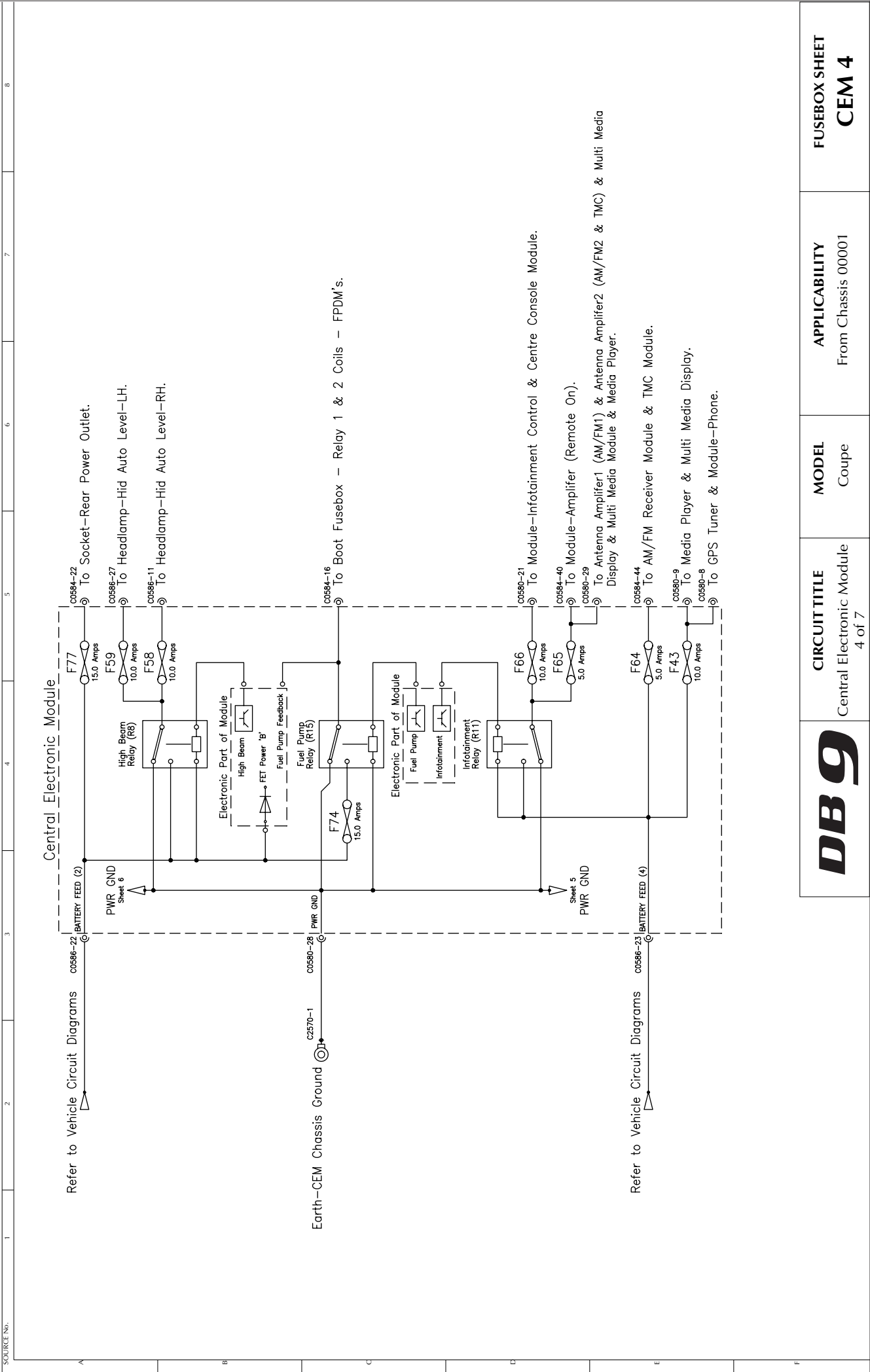
FUSEBOX SHEET
CEM 1



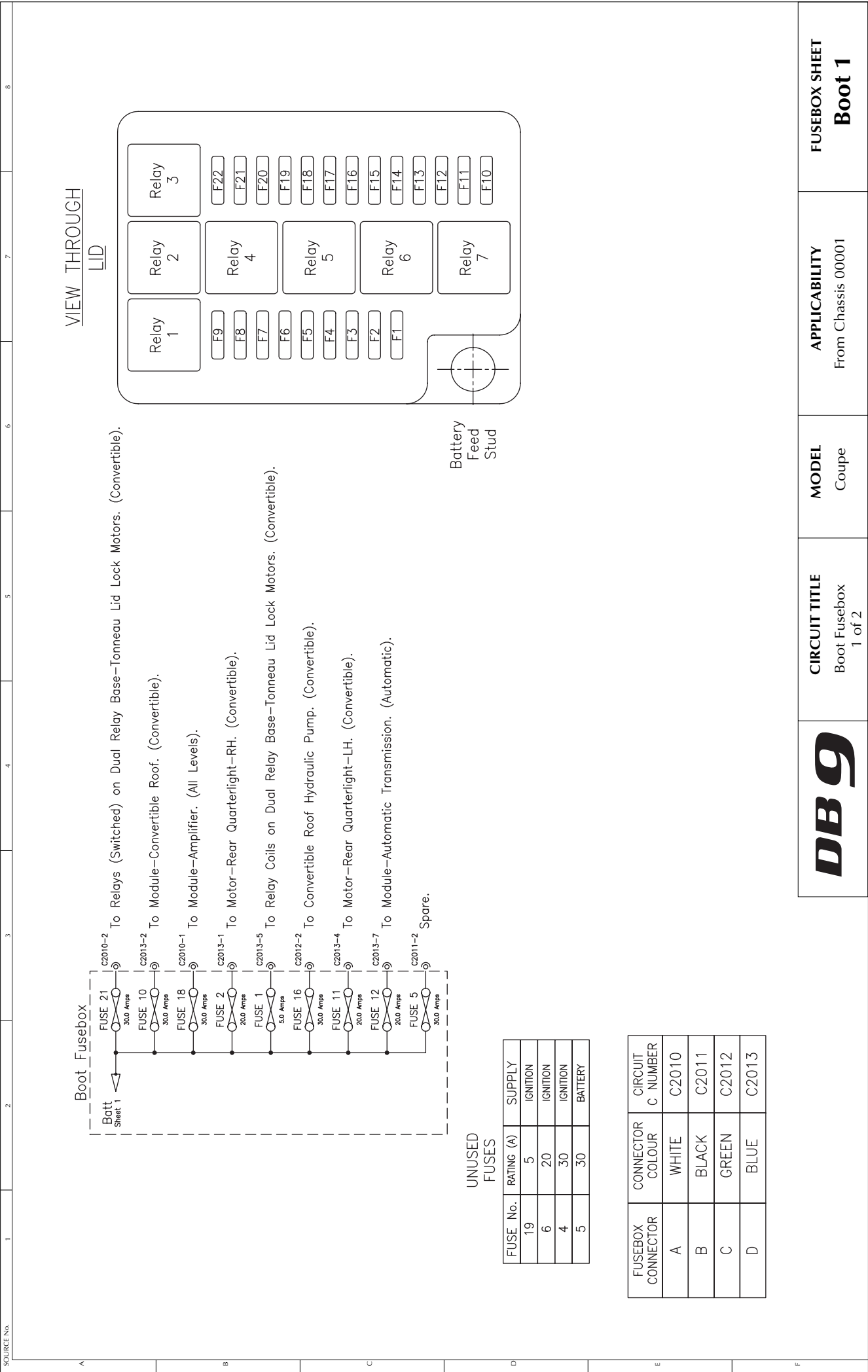
DB 9	CIRCUIT TITLE Central Electronic Module 2 of 7	MODEL Coupe	APPLICABILITY From Chassis 00001	FUSEBOX SHEET CEM 2
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SOURCE No.	1	2	3	4	5	6	7	8	
A	Central Electronic Module								
	Electronic Part of Module								
	Headlamp—Low—Left		⊗	05586-25	⊗	To Headlamp—Hid Auto Level—LH.			
	Headlamp—Low—Right		⊗	05586-37	⊗	To Headlamp—Hid Auto Level—RH.			
	Remote Receiver +		⊗	05580-41	⊗	To Module—Remote Receiver.			
	Hazard Switch Light		⊗	05582-3	⊗	To Centre Console Module (Hazard Switch Flash Signal).			
	Rear Fog Lamps		⊗	05584-6	⊗	To Rear Lamp—RH & LH.			
				05582-6	⊗	To Switch—Rear Fog Lamps Tell Tale.			
	Posn Lamps—RF/LF		⊗	05588-2	⊗	To Front Position Lamp—RH & Front Sidemarker—RH.			
				05584-14	⊗	To Rear Lamp—LH & Rear Sidemarker—LH.			
	Left Stop Lamp		⊗	05584-3	⊗	To Rear Lamp—LH.			
	Right Stop Lamp		⊗	05584-4	⊗	To Rear Lamp—RH.			
	Interior Lights		⊗	05585-3	⊗	To Rear Interior Lamps—LH & RH, Centre Console Module (Fade Signal), Lamps—Footwell—LH & RH, Switch—Start Button.			
	Headlamp Clean—Rly Act		⊗	05588-11	⊗	To Underbonnet Fusebox — Relay 10 Coil — Headlamp Wash.			
	Horn—Rly Act		⊗	05588-18	⊗	To Underbonnet Fusebox — Relay 1 Coil — Horn.			
	Diagnostic HS Can +		⊗	05582-11	⊗	To OBD2—Body (B).			
	Diagnostic HS Can -		⊗	05582-12	⊗	To OBD2—Body (B).			
	Diagnostic LS Can +		⊗	05582-16	⊗	To OBD2—Body (B).			
	Diagnostic LS Can -		⊗	05582-15	⊗	To OBD2—Body (B).			
	HS Can +		⊗	05587-16	⊗	To Underbonnet side of CAN.			
	HS Can -		⊗	05588-15	⊗	To Boot & Facia side of CAN.			
				05587-14	⊗	To Underbonnet side of CAN.			
				05588-14	⊗	To Boot & Facia side of CAN.			
	LS Can +		⊗	05582-8	⊗	To Centre Console Module.			
	LS Can -		⊗	05587-30	⊗	To Cabin & Boot side of CAN.			
				05582-9	⊗	To Centre Console Module.			
				05587-15	⊗	To Cabin & Boot side of CAN.			
					⊗	To Cabin & Boot side of CAN.			
F					CIRCUIT TITLE		MODEL	APPLICABILITY	FUSEBOX SHEET
	Central Electronic Module 3 of 7				Coupe		From Chassis 00001		CEM 3

DB 9	CIRCUIT TITLE Central Electronic Module 3 of 7	MODEL Coupe	APPLICABILITY From Chassis 00001	FUSEBOX SHEET CEM 3
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SOURCE No.	1	2	3	4	5	6	7	8
A	Central Electronic Module							
B								
C								
D								
E								
F								
DB 9					CIRCUIT TITLE Central Electronic Module 6 of 7	MODEL Coupe	APPLICABILITY From Chassis 00001	FUSEBOX SHEET CEM 6



DB 9

CIRCUIT TITLE

Boot Fusebox
1 of 2

MODEL

Coupe

APPLICABILITY

From Chassis 00001

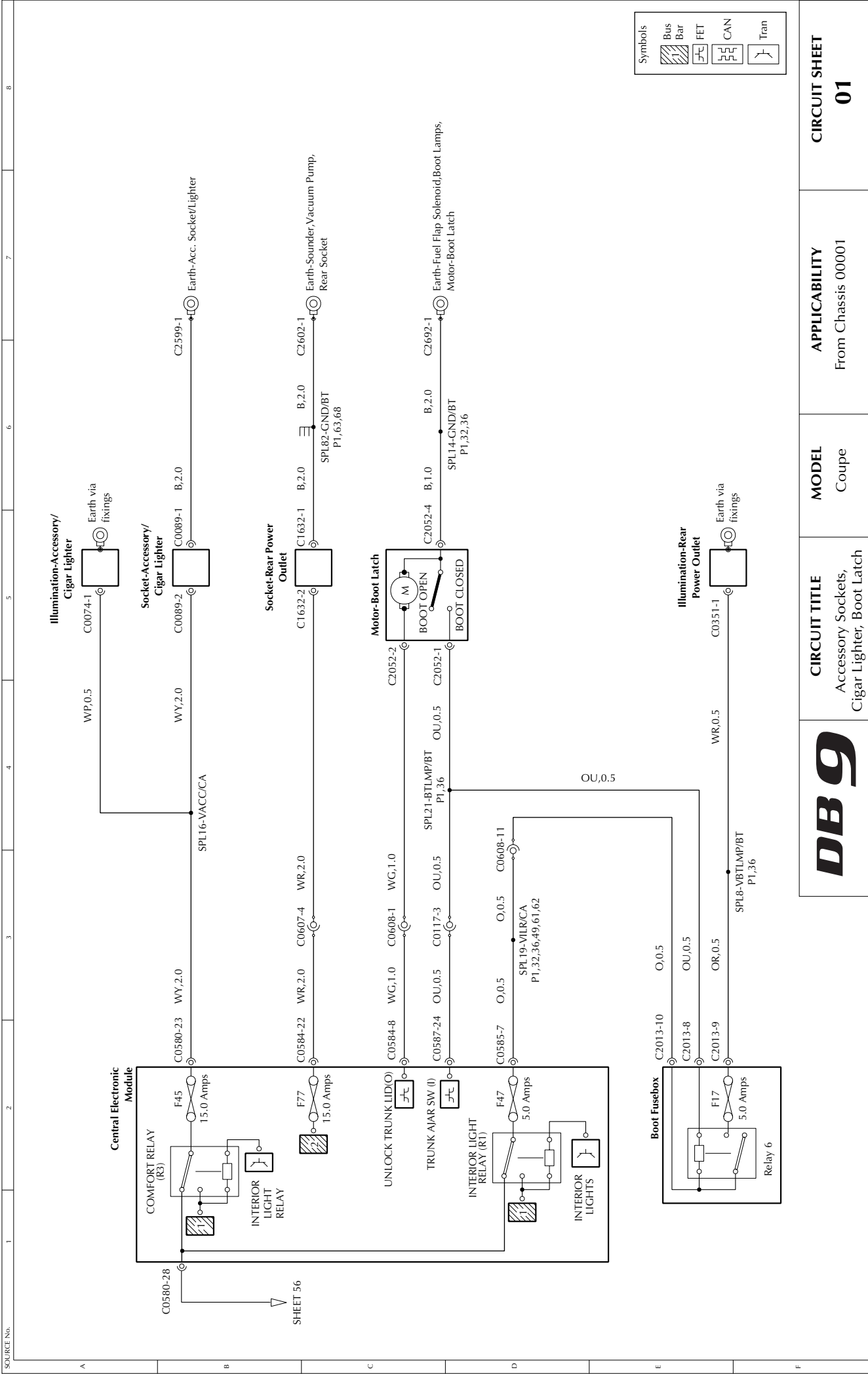
FUSEBOX SHEET

Boot 1

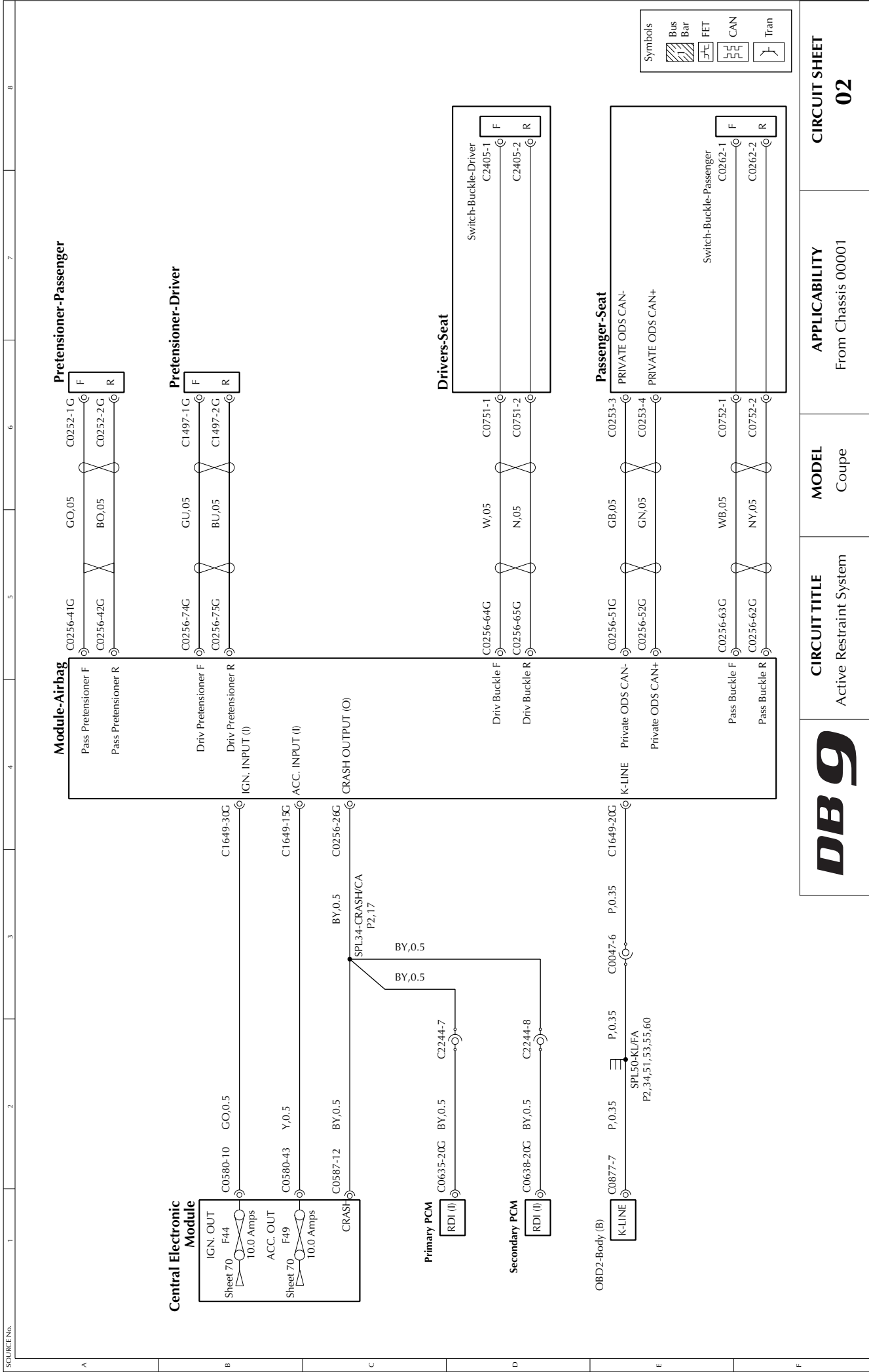
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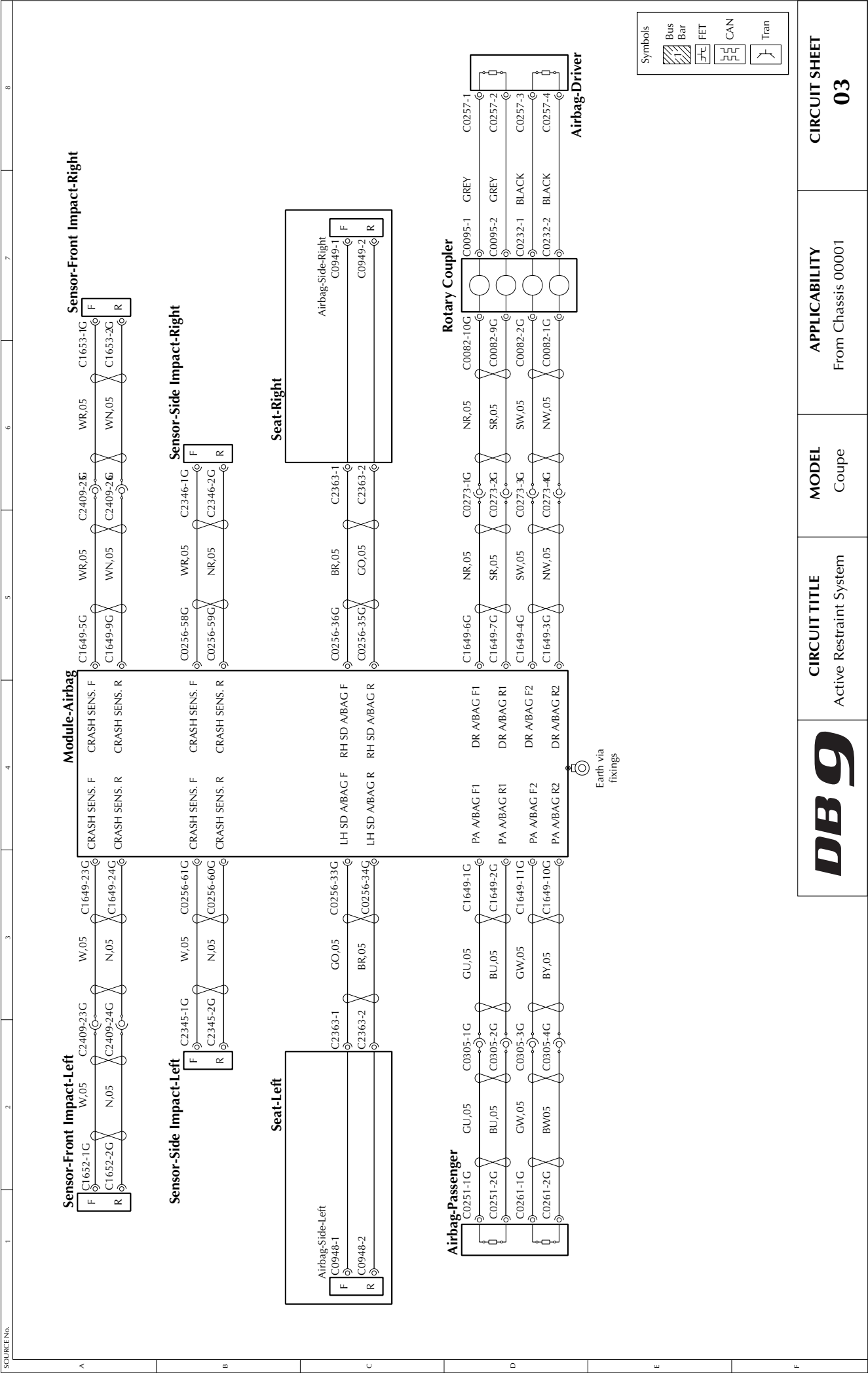
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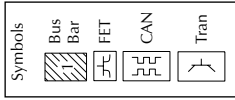


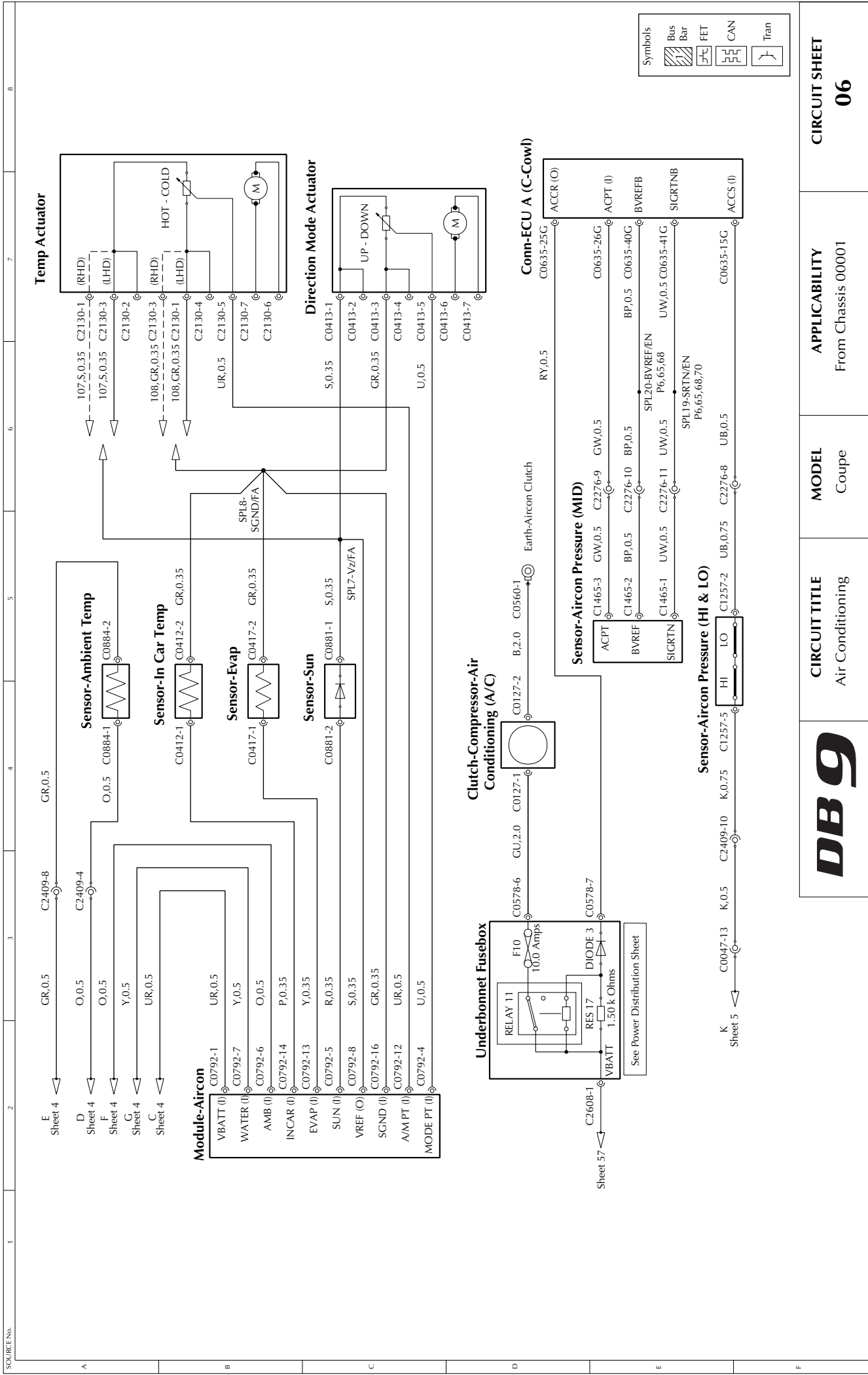
DB9	CIRCUIT TITLE Accessory Sockets, Cigar Lighter, Boot Latch	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 01
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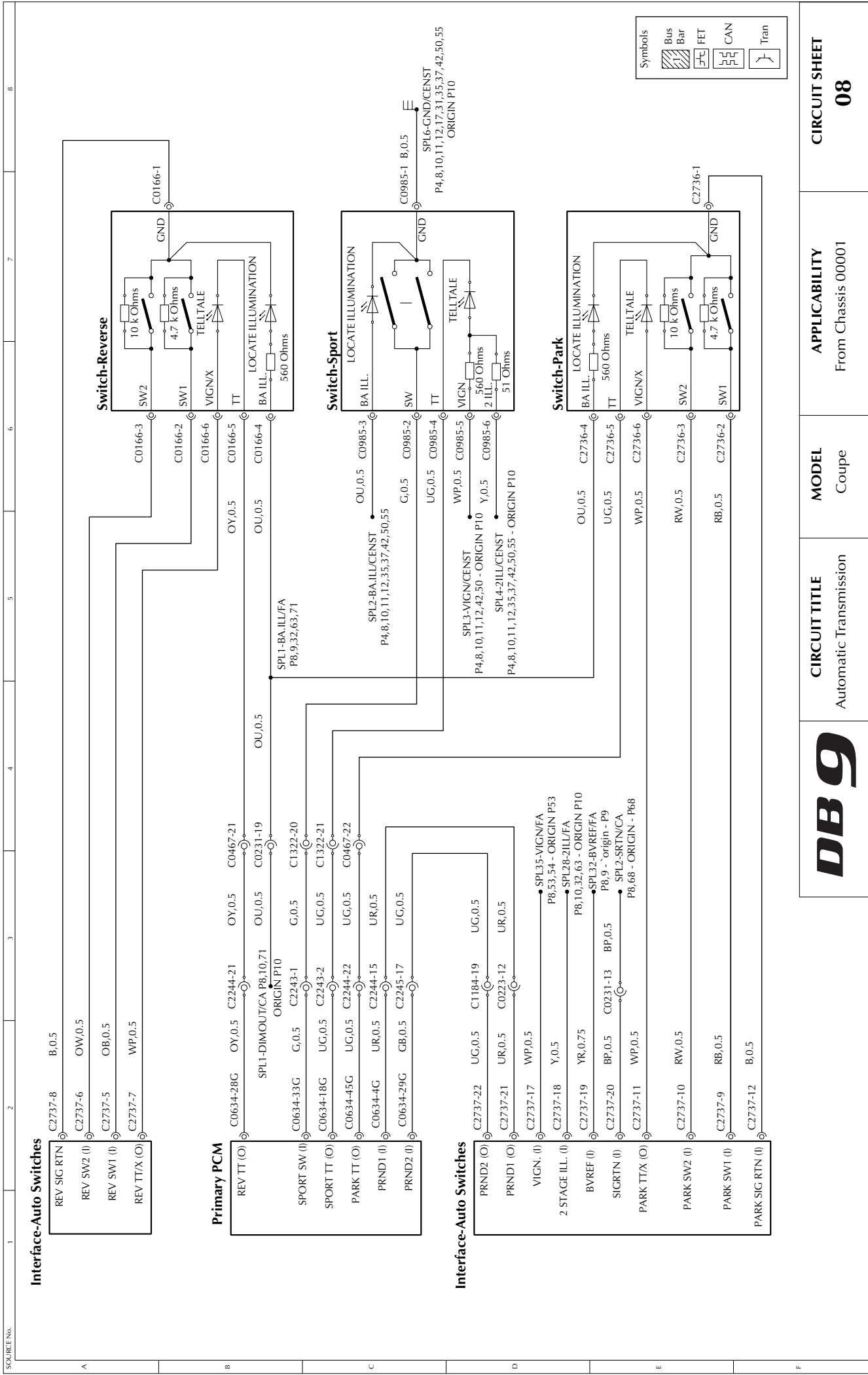


CIRCUIT TITLE
Air Conditioning

MODEL
Coupe

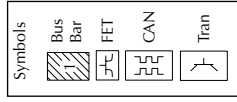
APPLICABILITY
From Chassis 00001

CIRCUIT SHEET
06

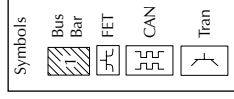
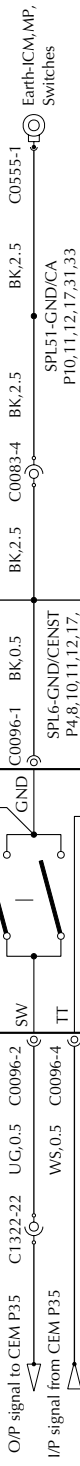
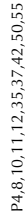




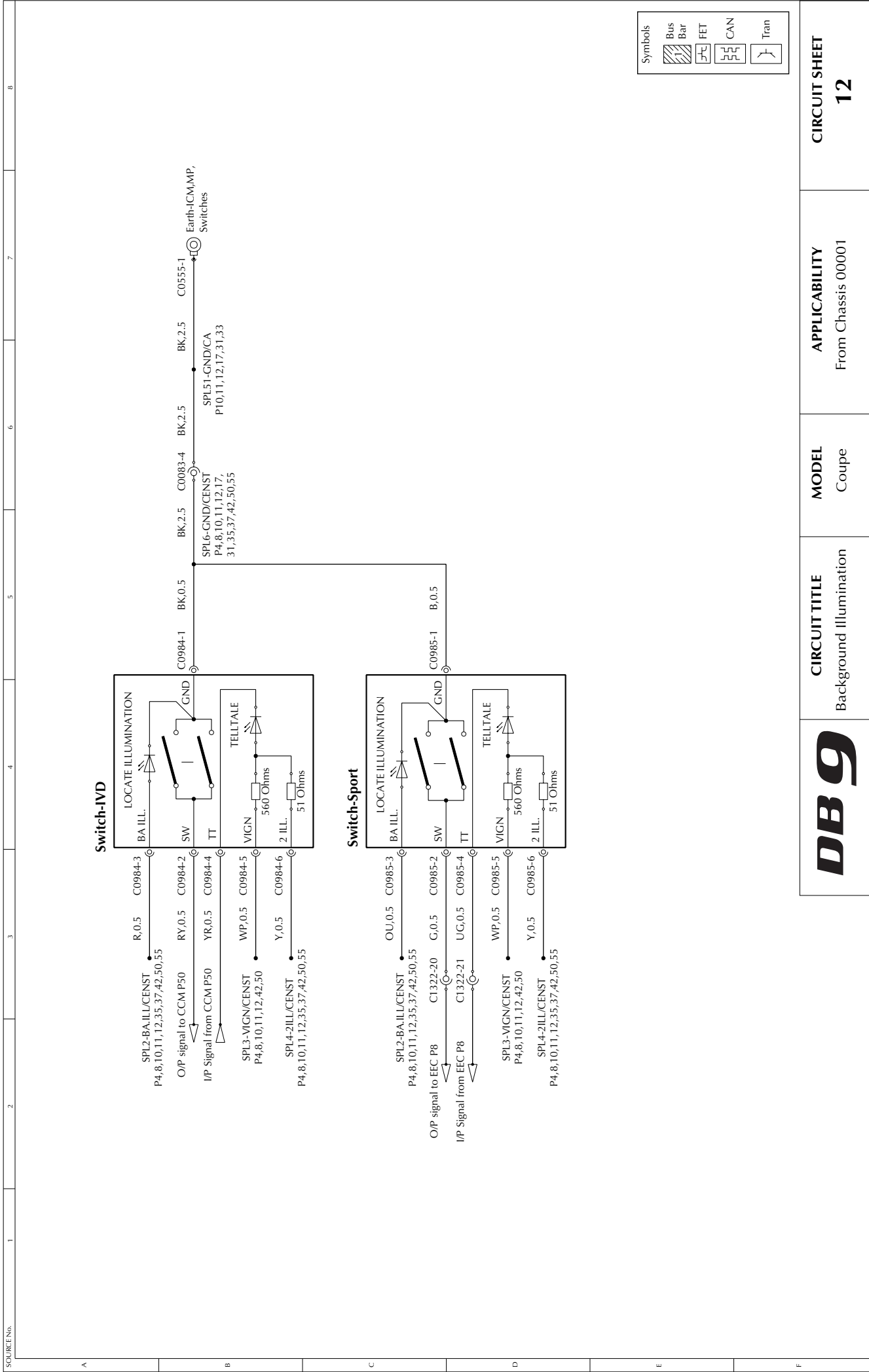
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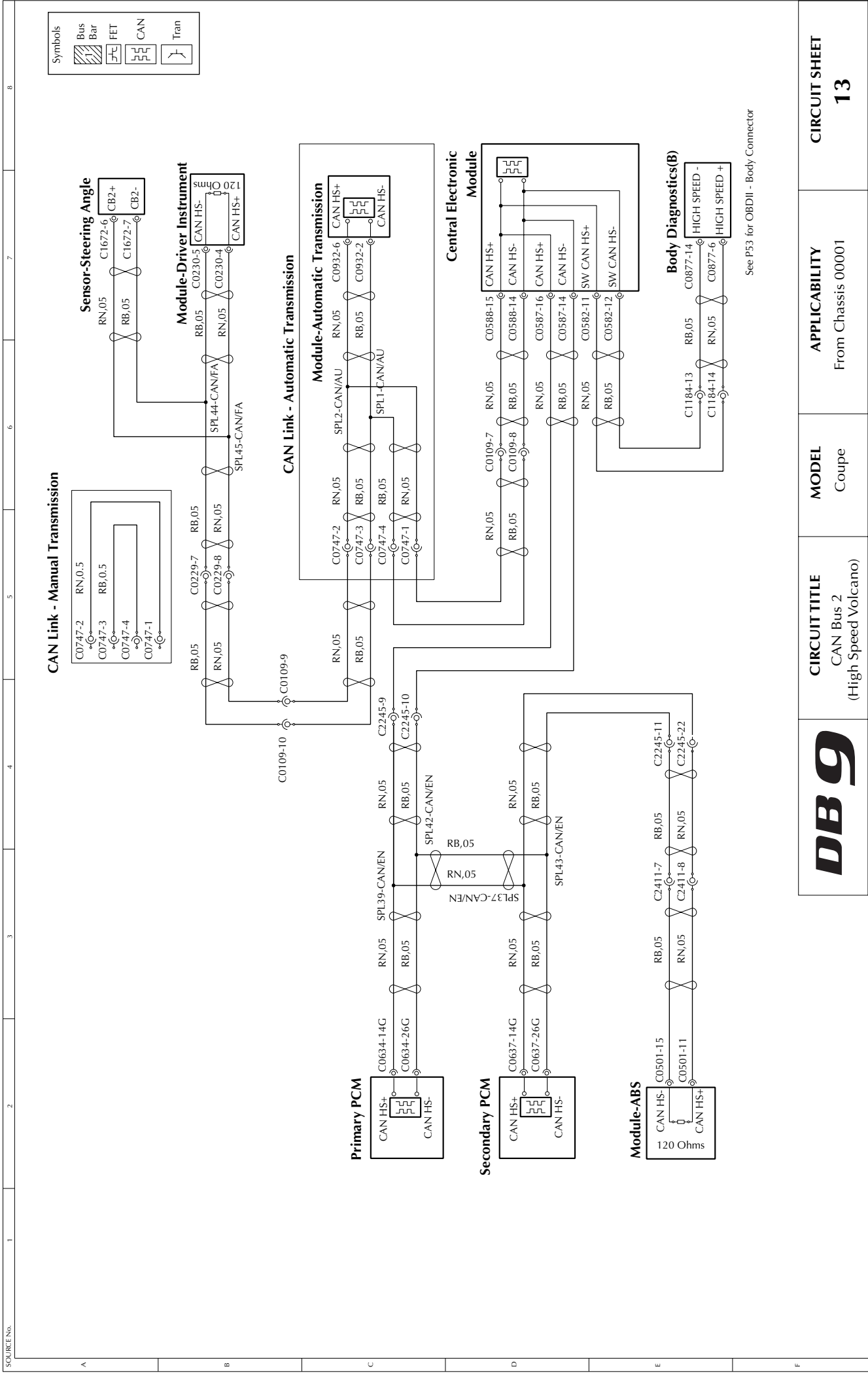
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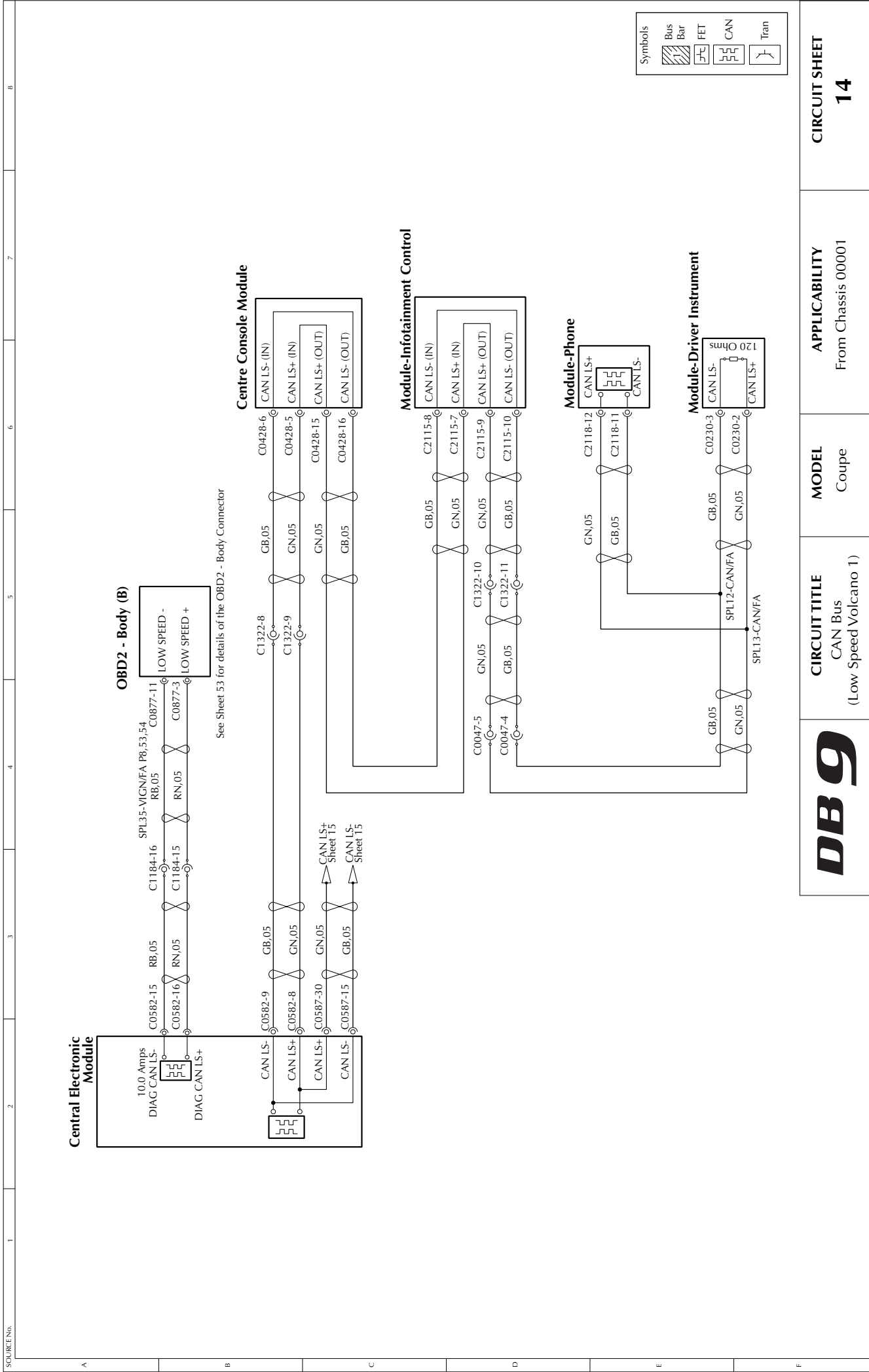
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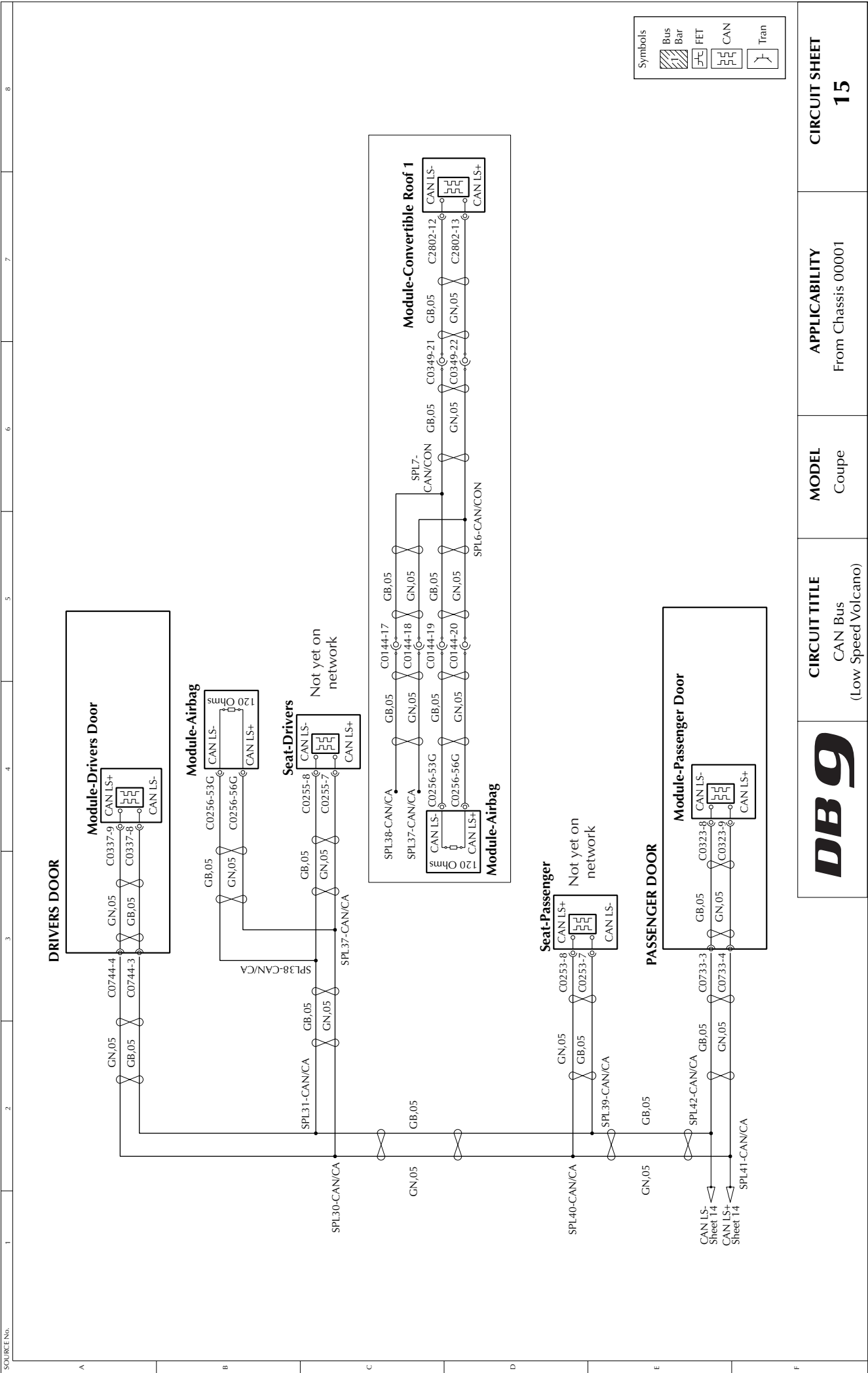


CIRCUIT SHEET	APPLICABILITY	MODEL	CIRCUIT TITLE
12	From Chassis 00001	Coupe	Background Illumination

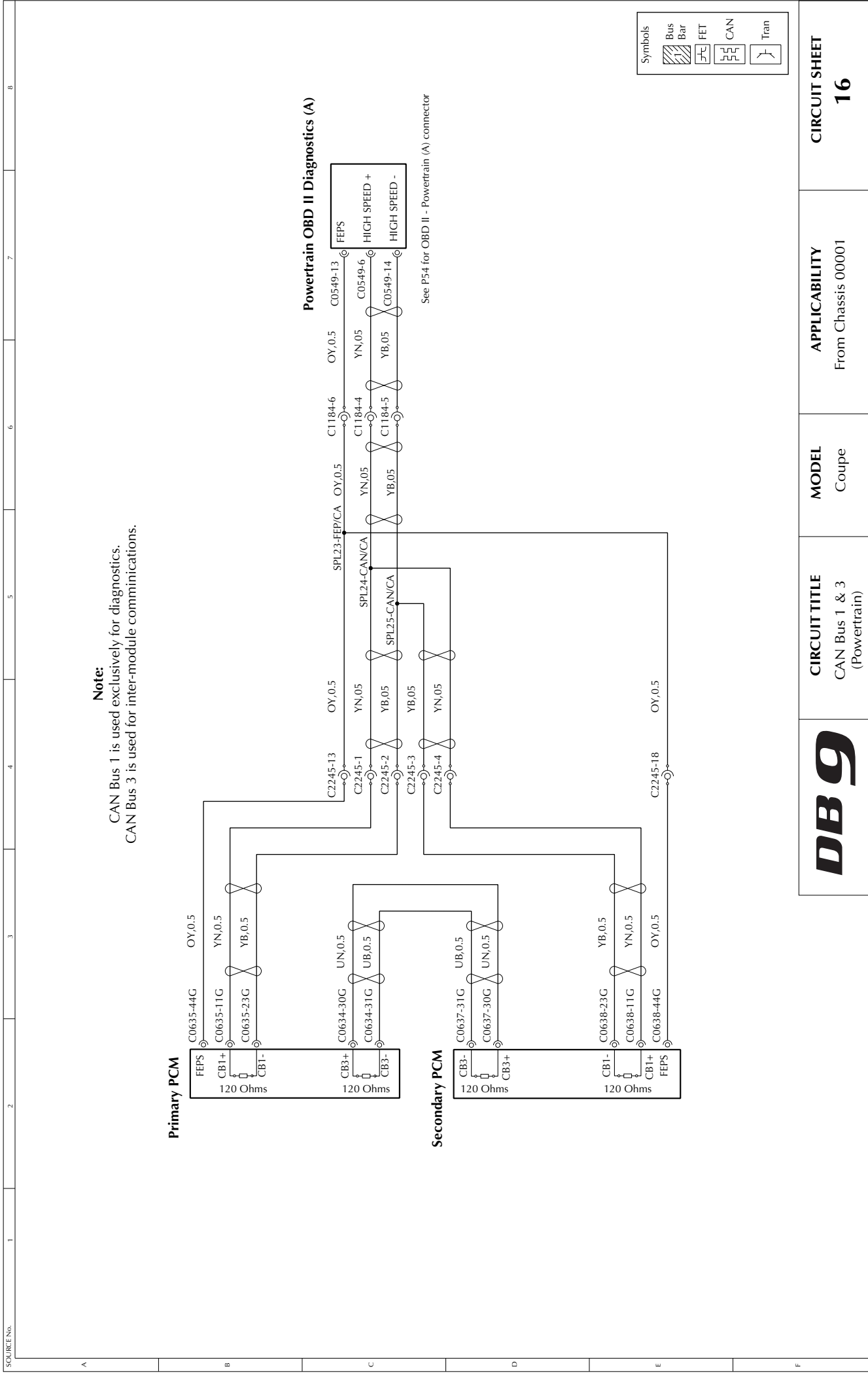


DB 9	CIRCUIT TITLE CAN Bus 2 (High Speed Volcano)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 13

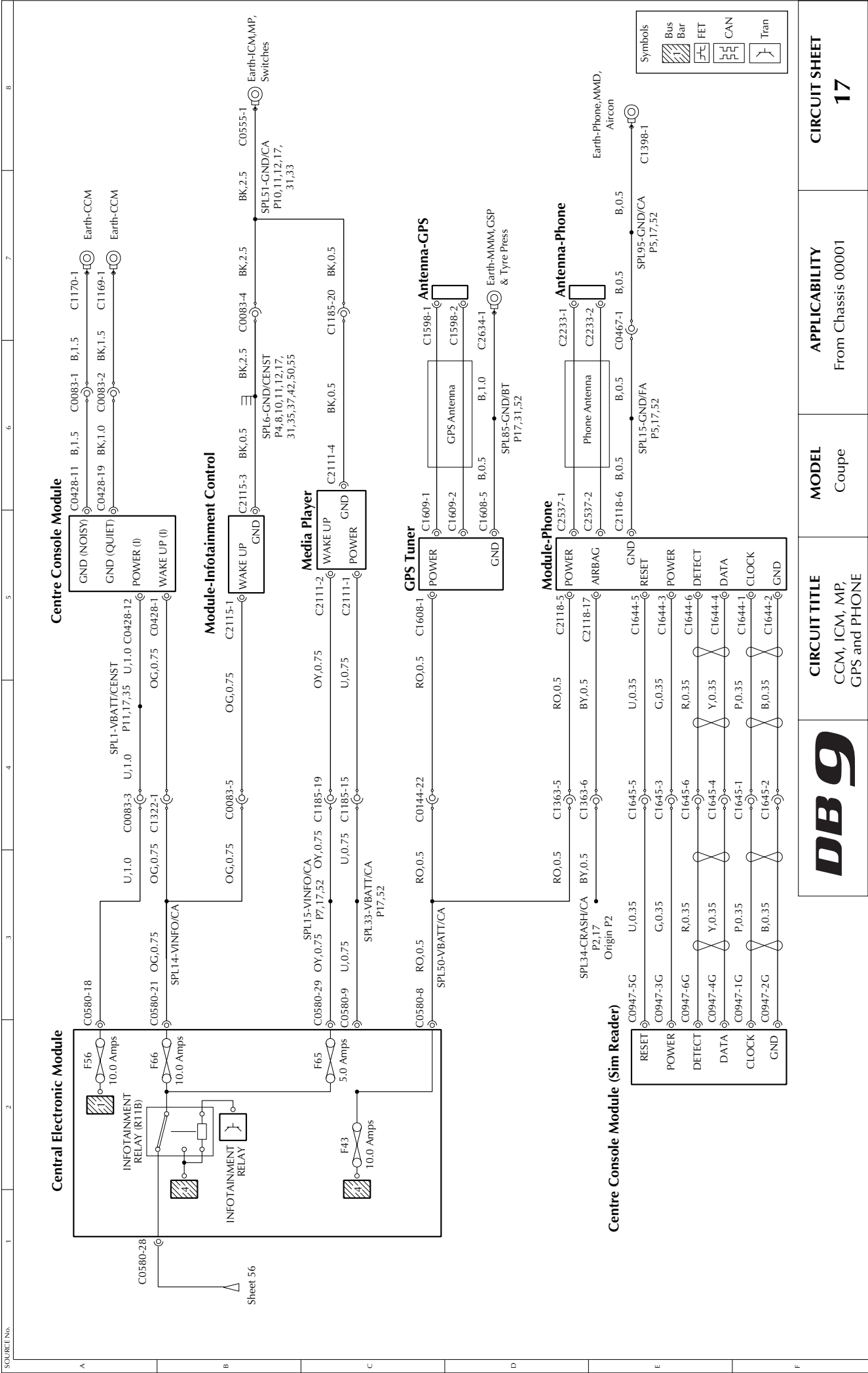




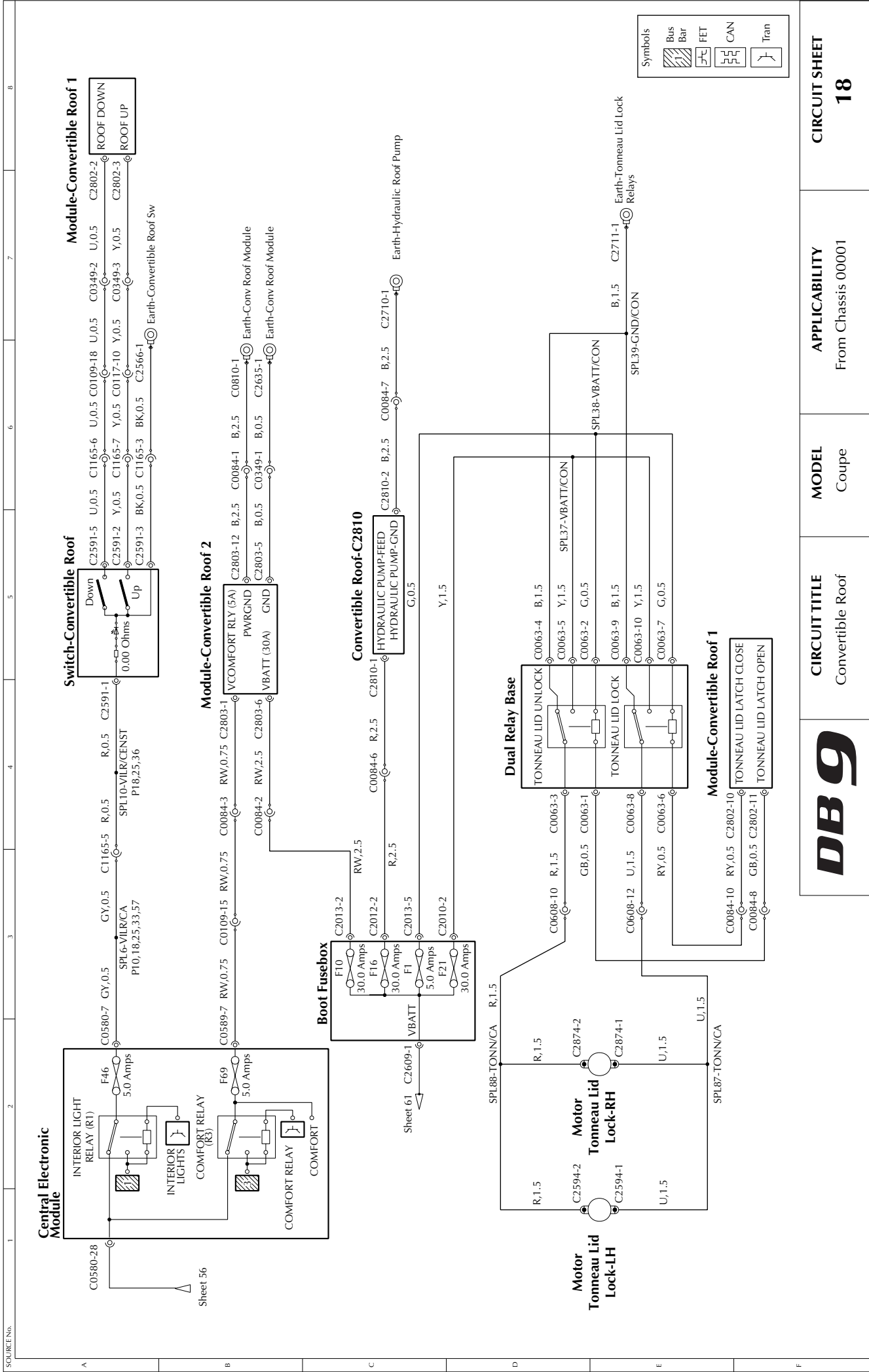
DB 9	CIRCUIT TITLE CAN Bus (Low Speed Volcano)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 15
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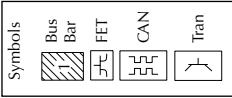


DB 9	CIRCUIT TITLE CAN Bus 1 & 3 (Powertrain)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 16
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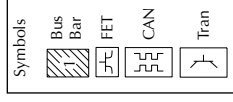
DB 9		CIRCUIT TITLE CCM, ICM, MP, GPS and PHONE	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 17
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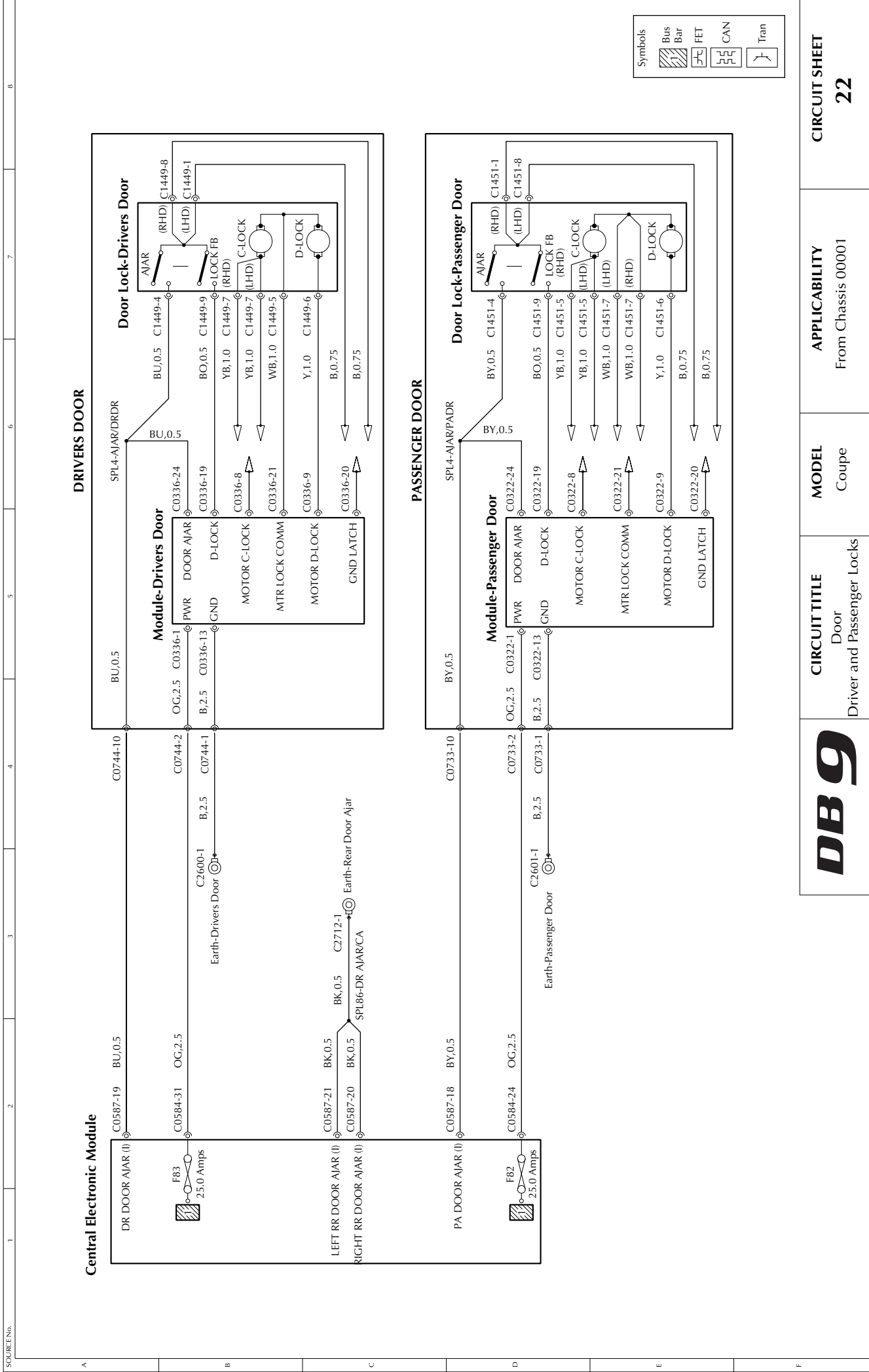


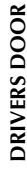
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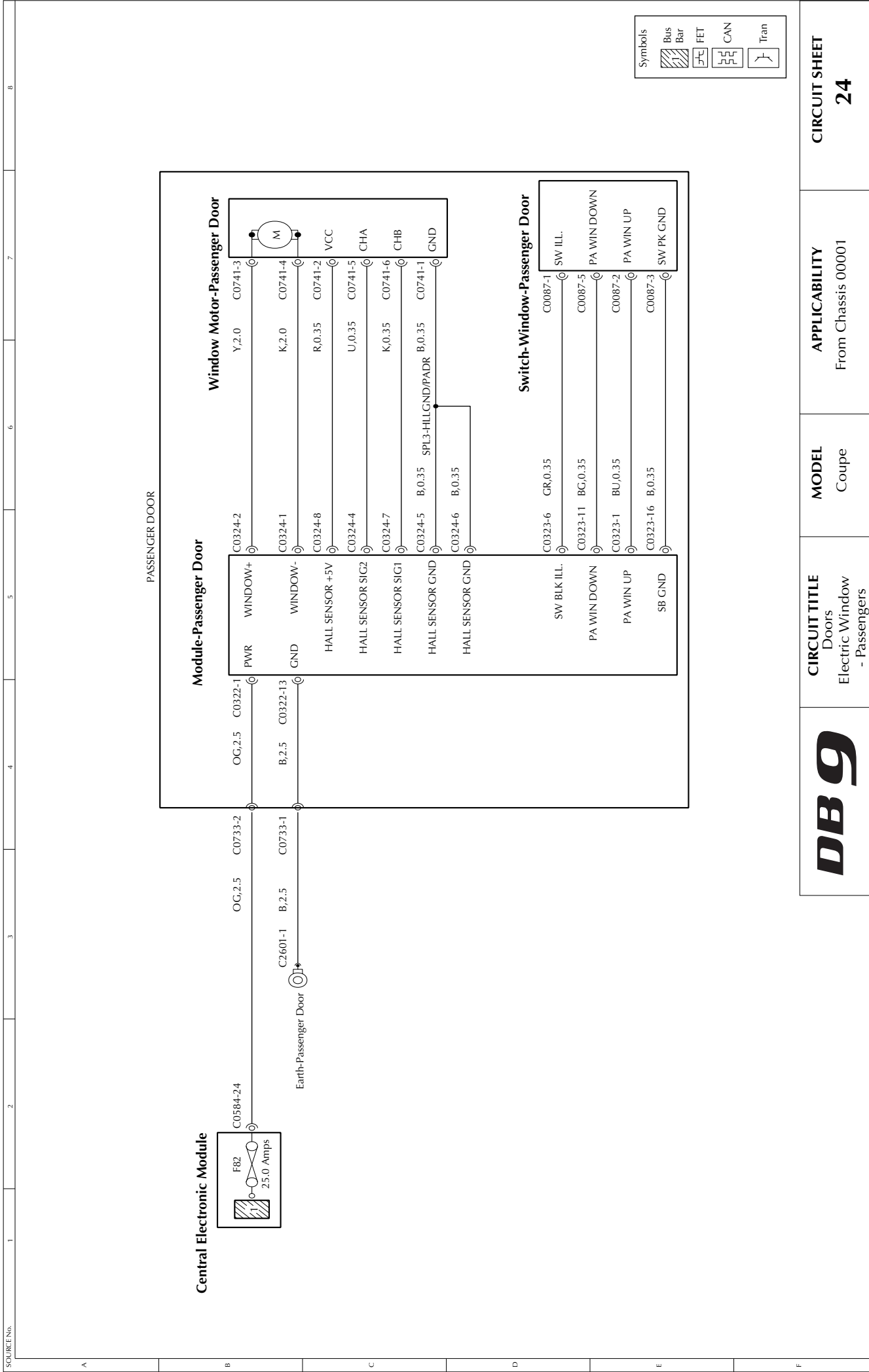


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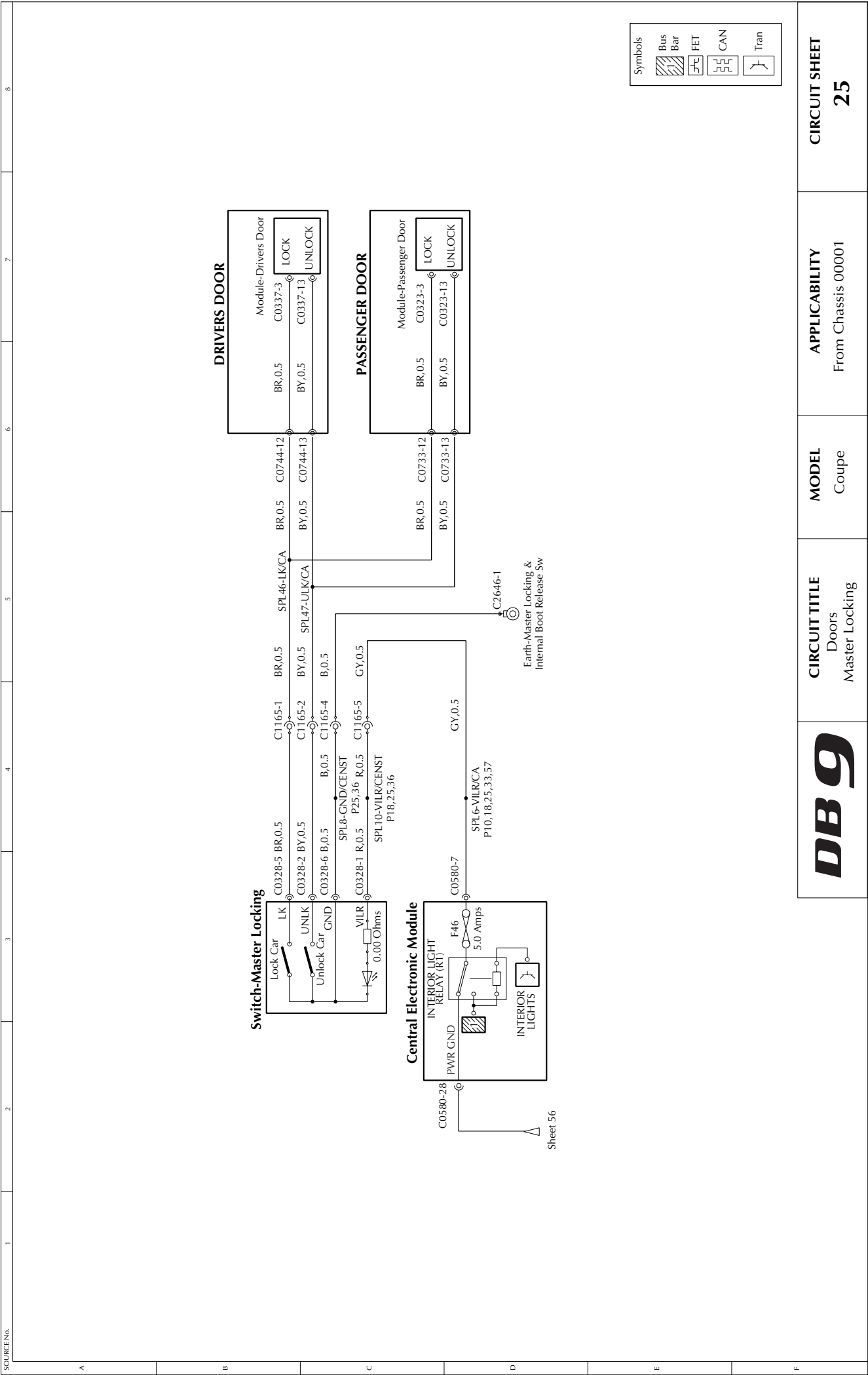




DB 9



DB 9	CIRCUIT TITLE Doors Electric Window - Passengers	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 24
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Symbols

Bus

Bar

FET

CAN

Tran

CIRCUIT TITLE

Doors Master Locking

MODEL

Coupe

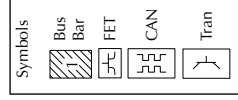
APPLICABILITY

From Chassis 00001

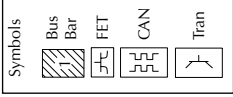
CIRCUIT SHEET

25

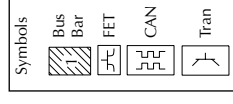
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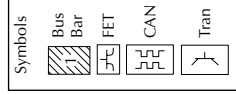
18-1-56
Workshop Manual
Issue 2 February 2005



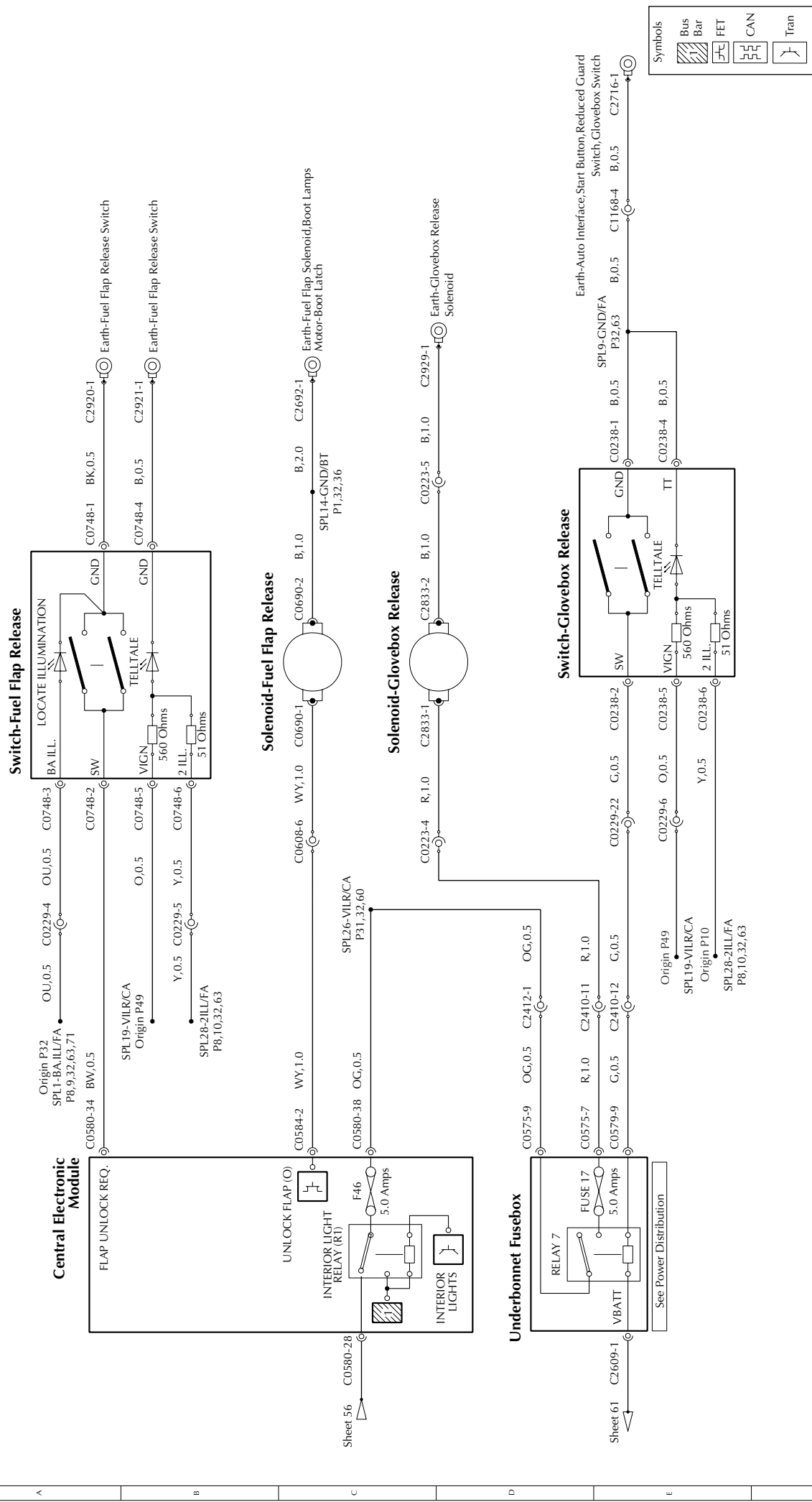
DB 9	CIRCUIT TITLE Drivers Door Power Fold Mirror	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 28
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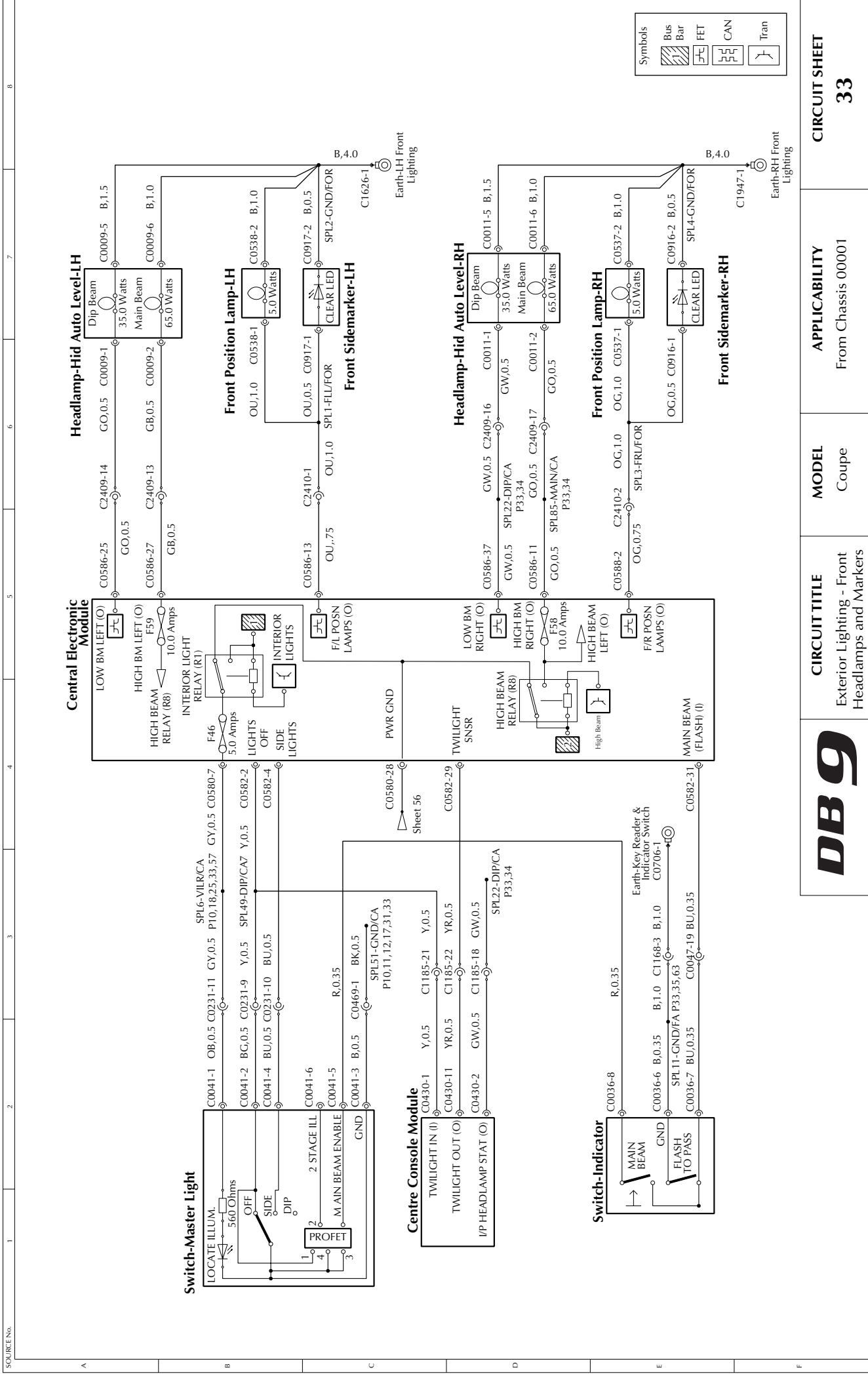


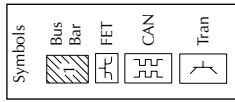
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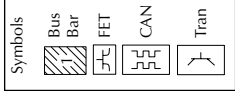
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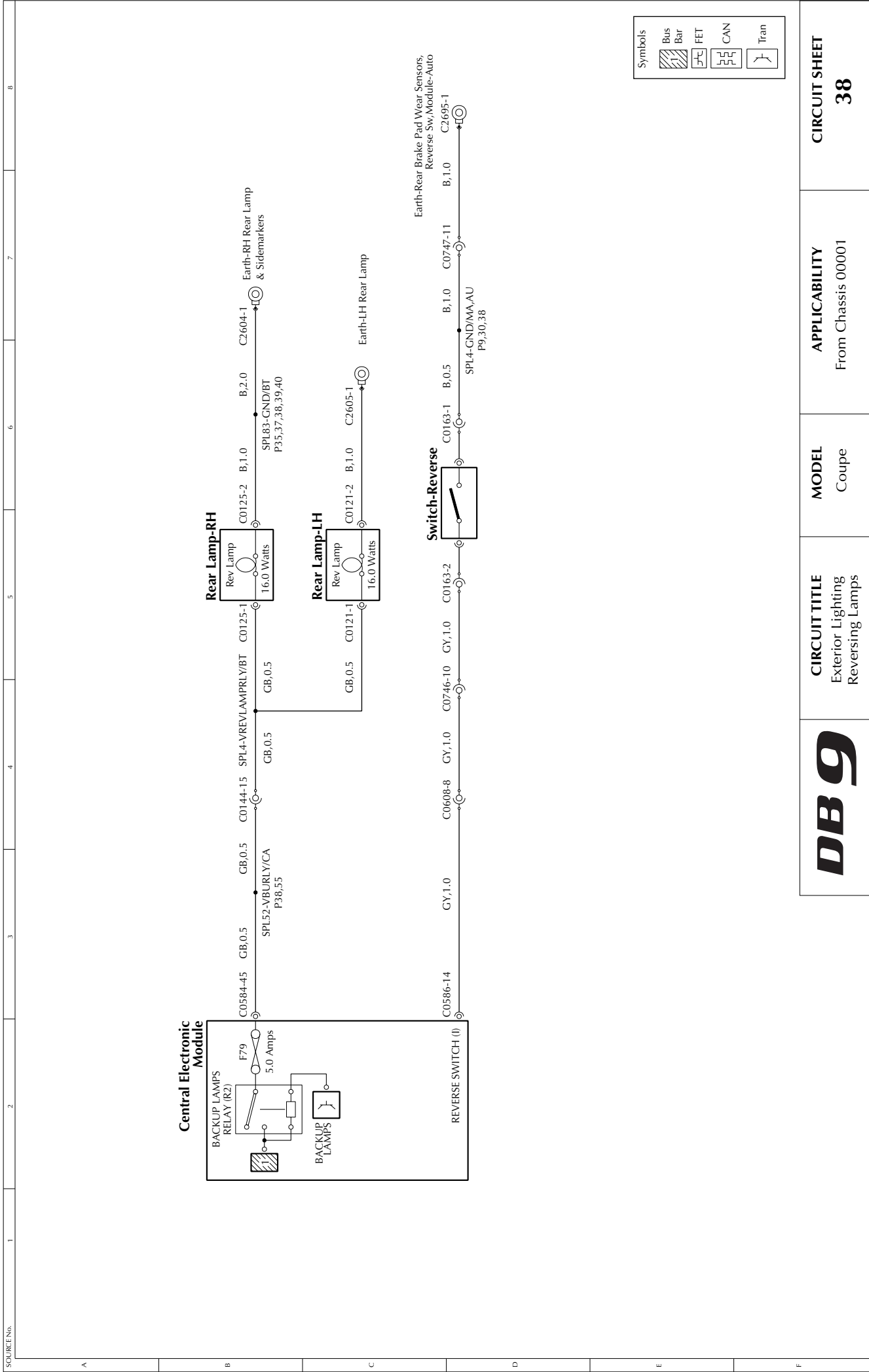


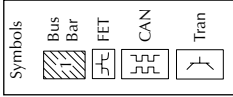




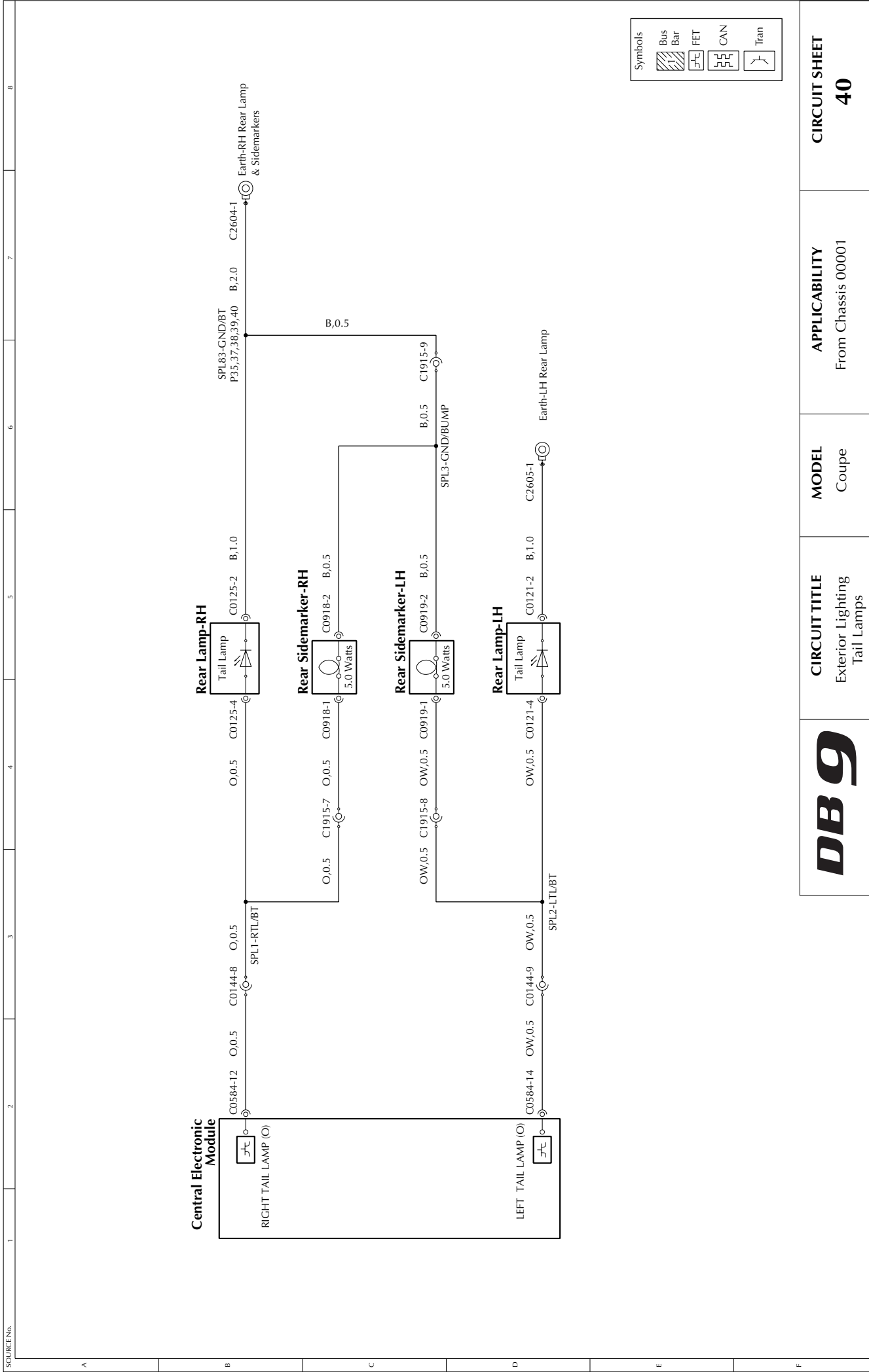


8-1-66





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Issue 2 February 2005



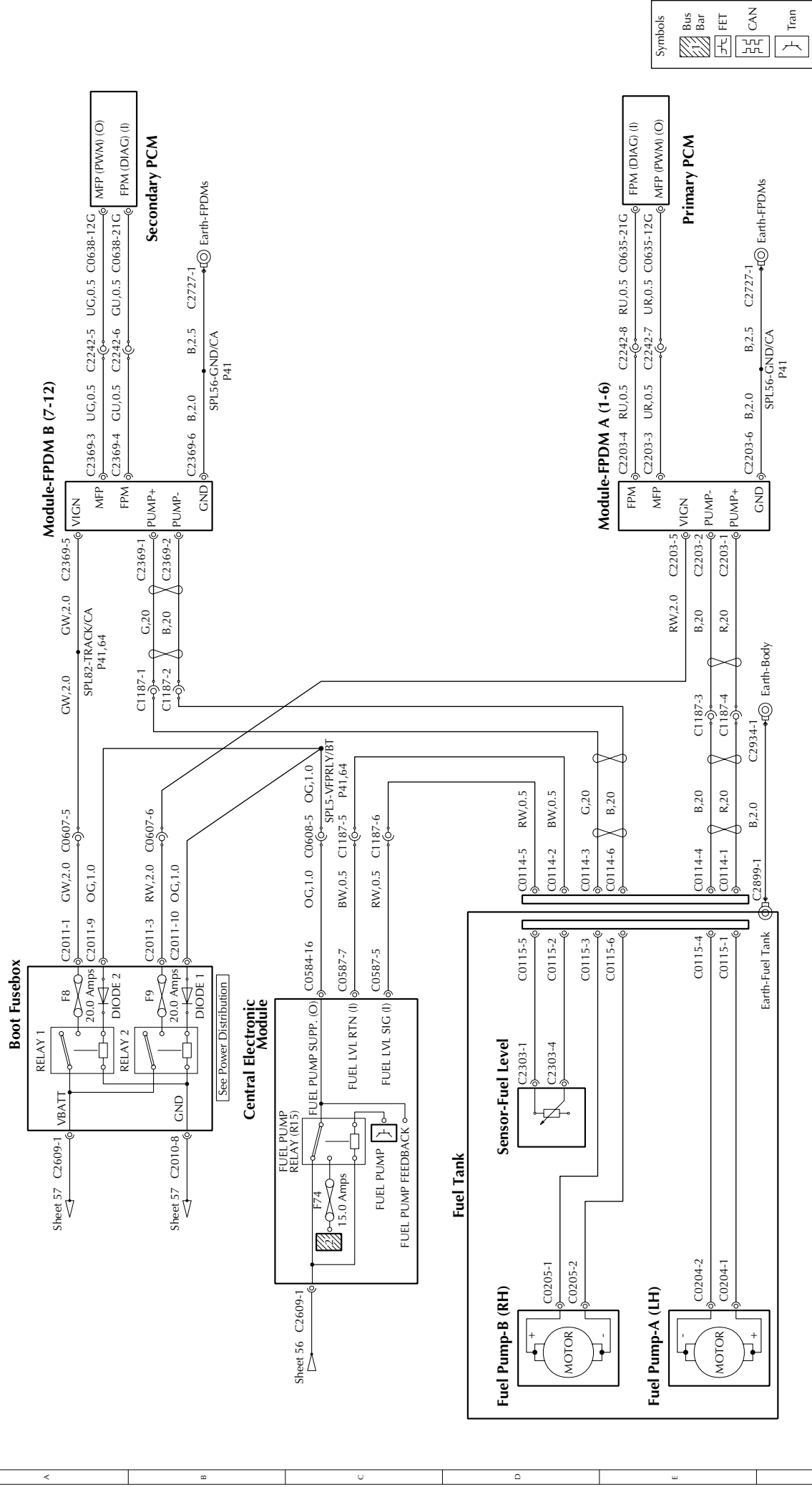
DB 9

CIRCUIT TITLE
Exterior Lighting
Tail Lamps

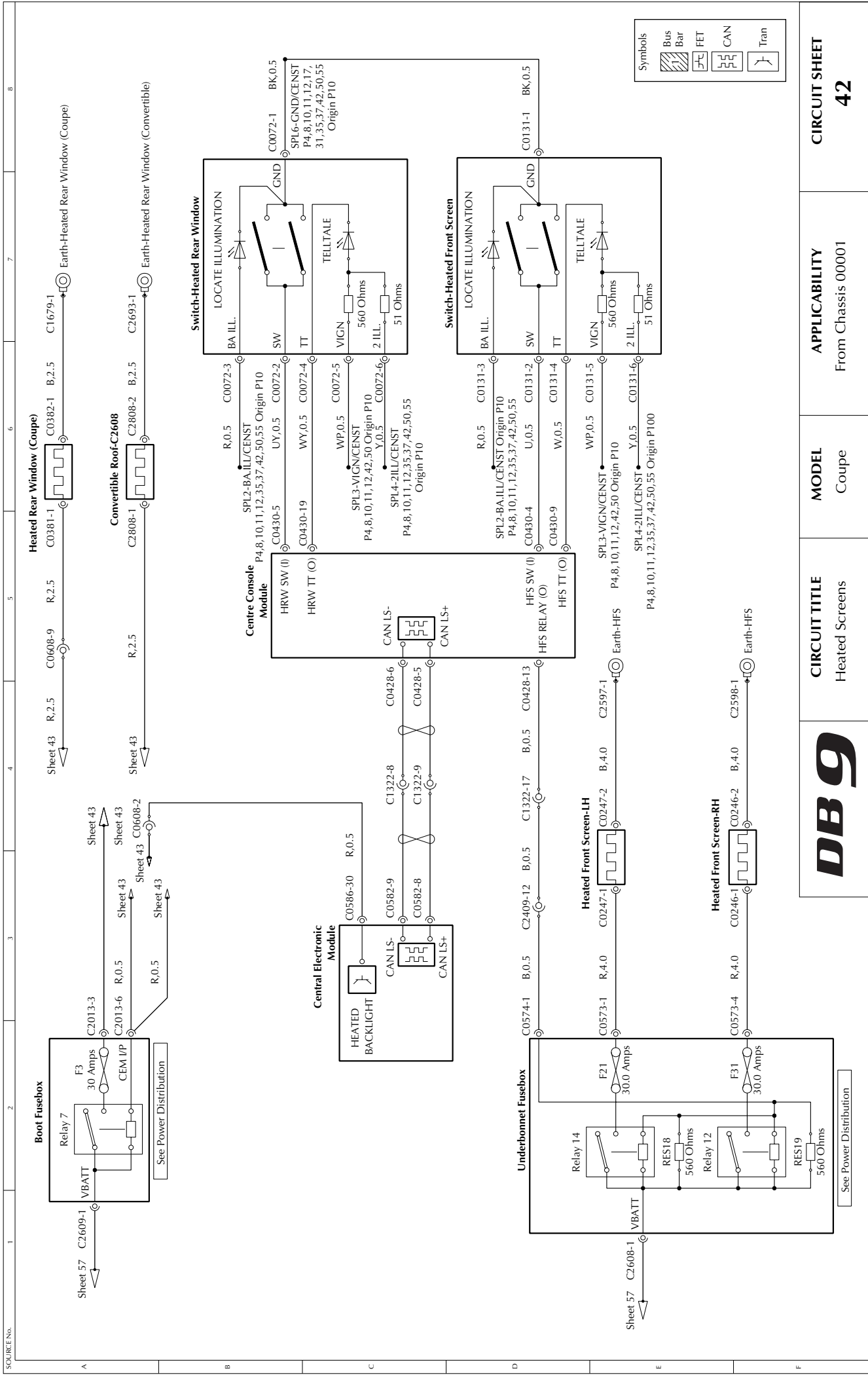
MODEL
Coupe

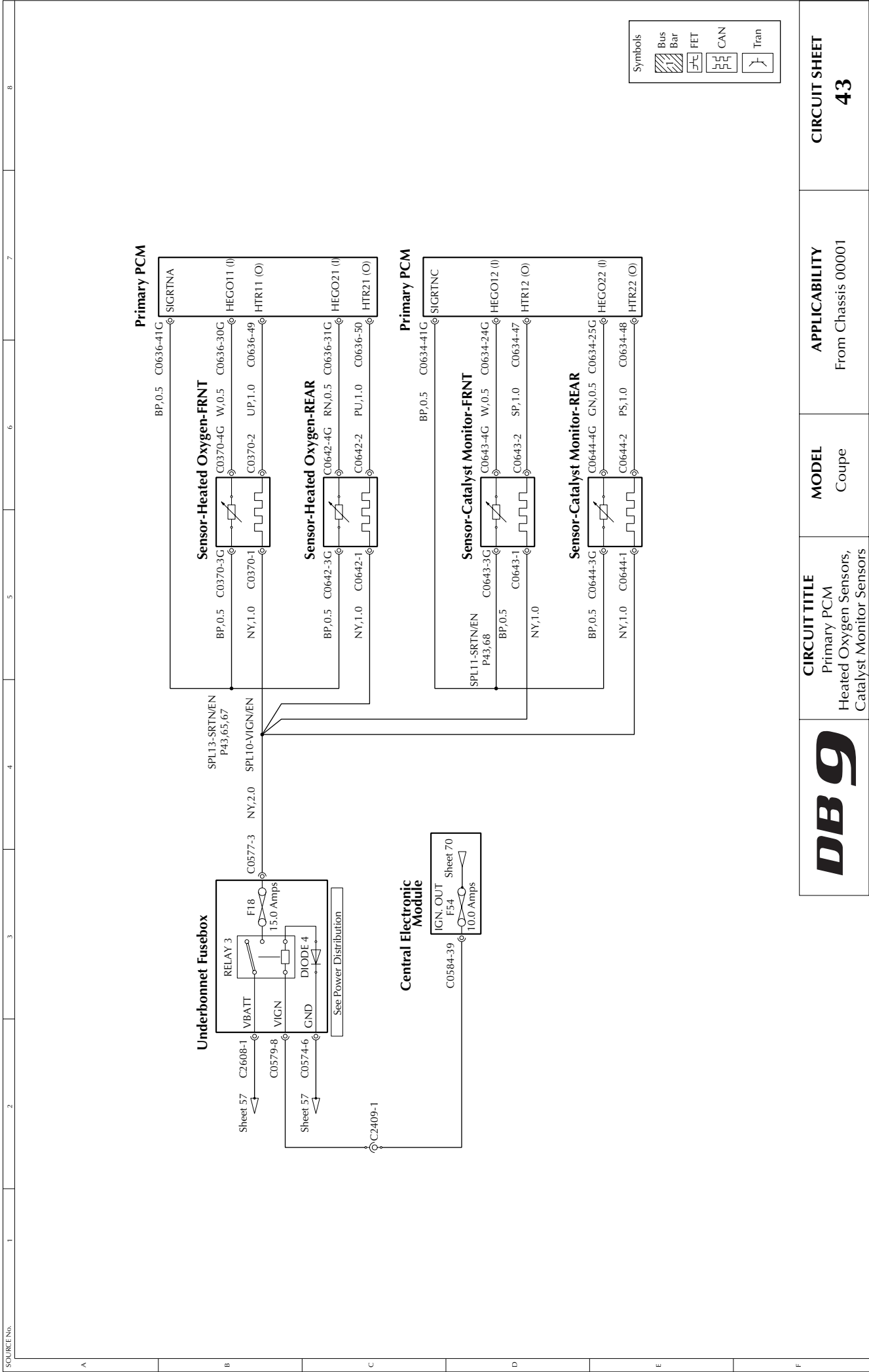
APPLICABILITY
From Chassis 00001

CIRCUIT SHEET
40

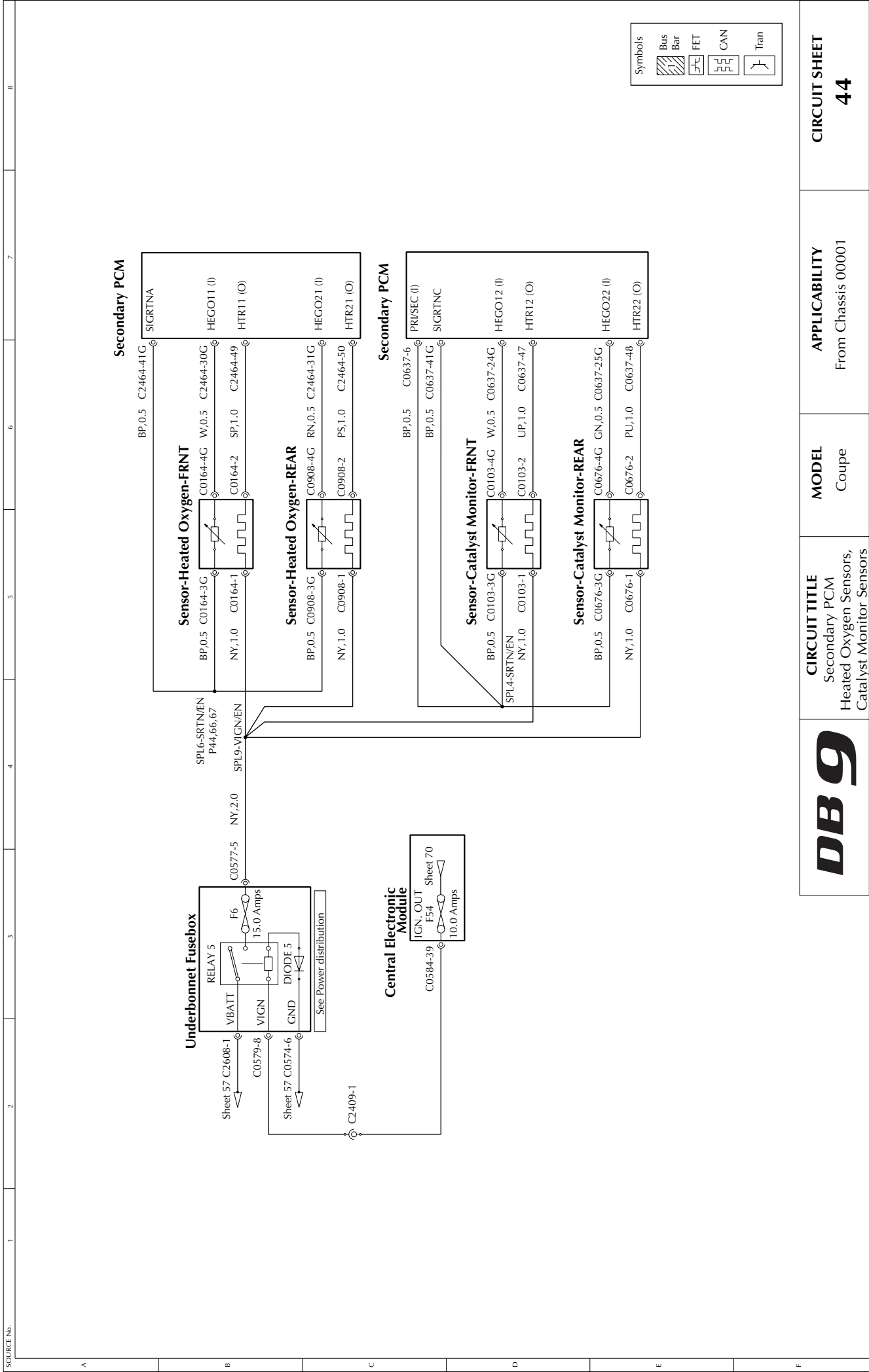


DB 9	CIRCUIT TITLE Fuel System	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 41
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DB 9	CIRCUIT TITLE Primary PCM Heated Oxygen Sensors, Catalyst Monitor Sensors	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 43
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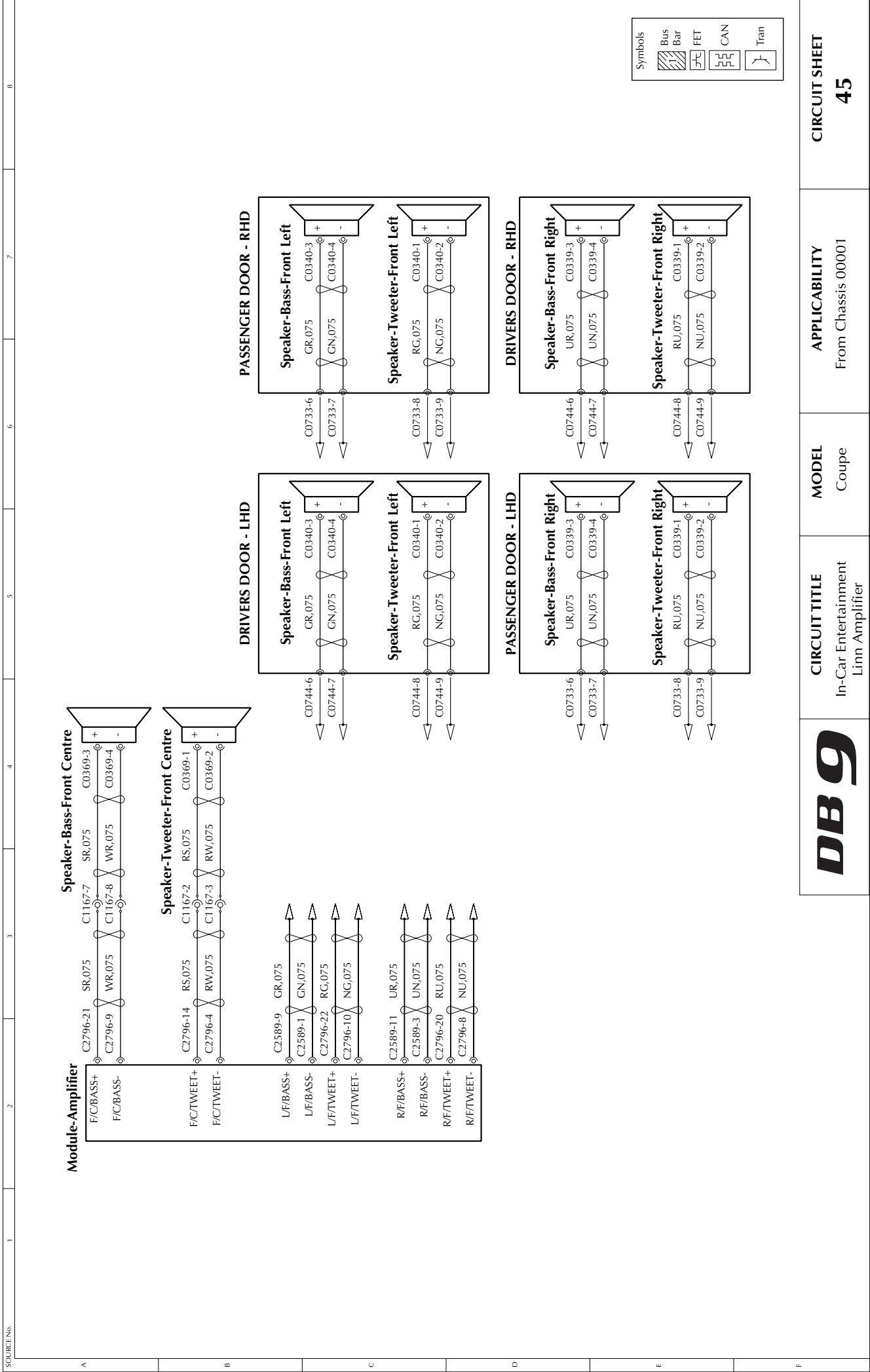
DB 9

CIRCUIT TITLE
Secondary PCM
Heated Oxygen Sensors,
Catalyst Monitor Sensors

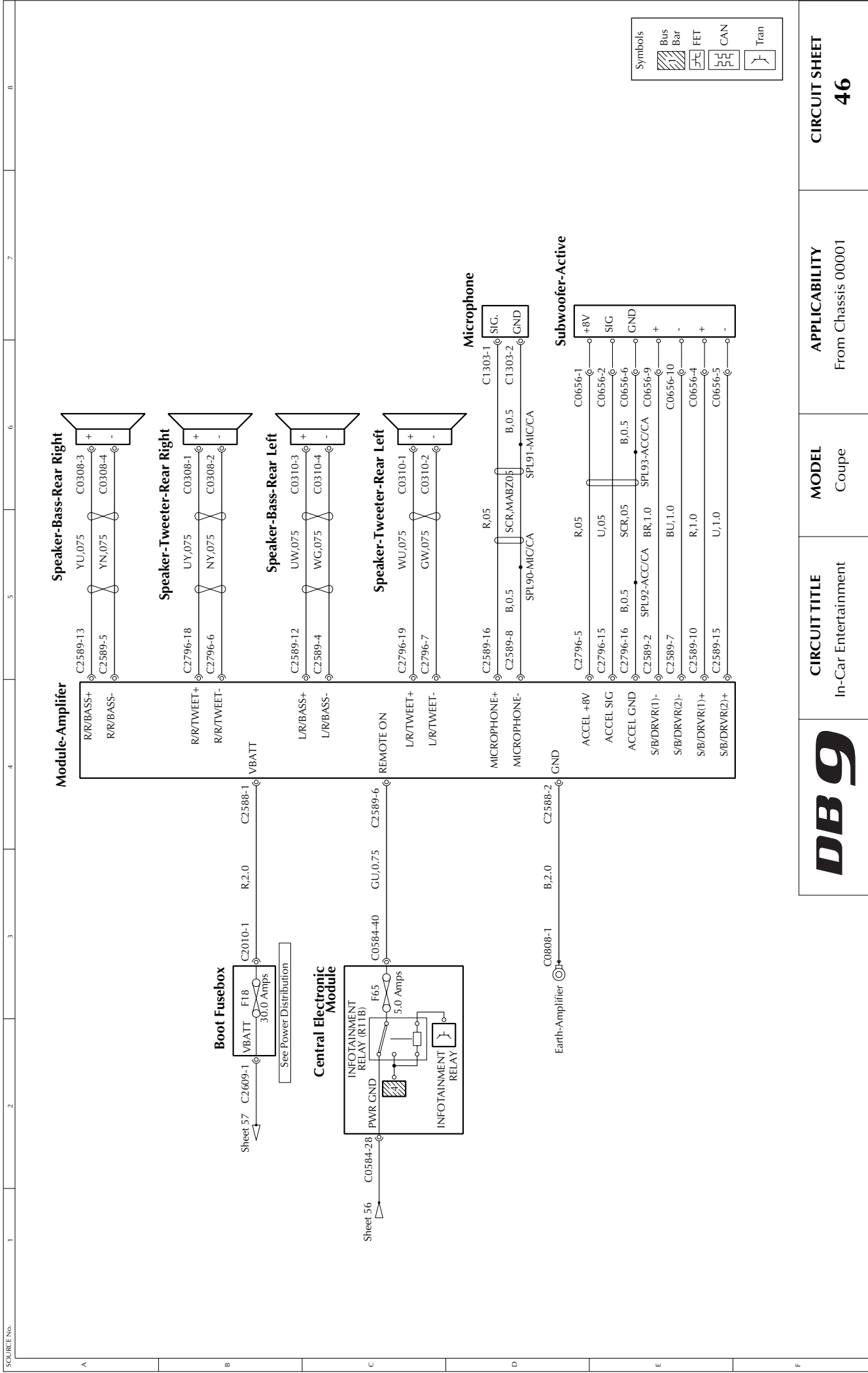
MODEL
Coupe

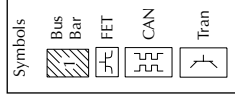
APPLICABILITY
From Chassis 00001

CIRCUIT SHEET
44

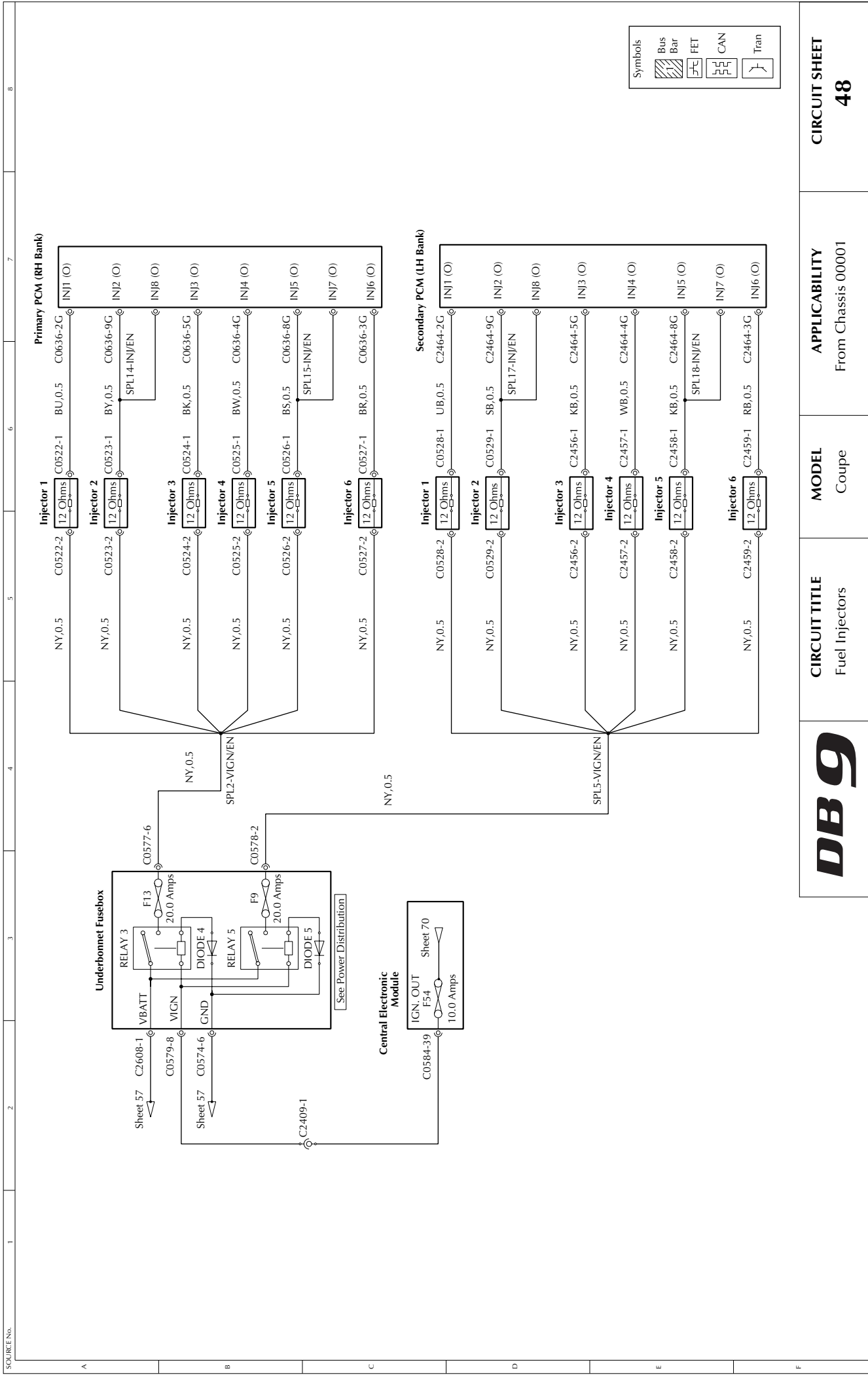


DB 9	CIRCUIT TITLE In-Car Entertainment Linn Amplifier	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 45
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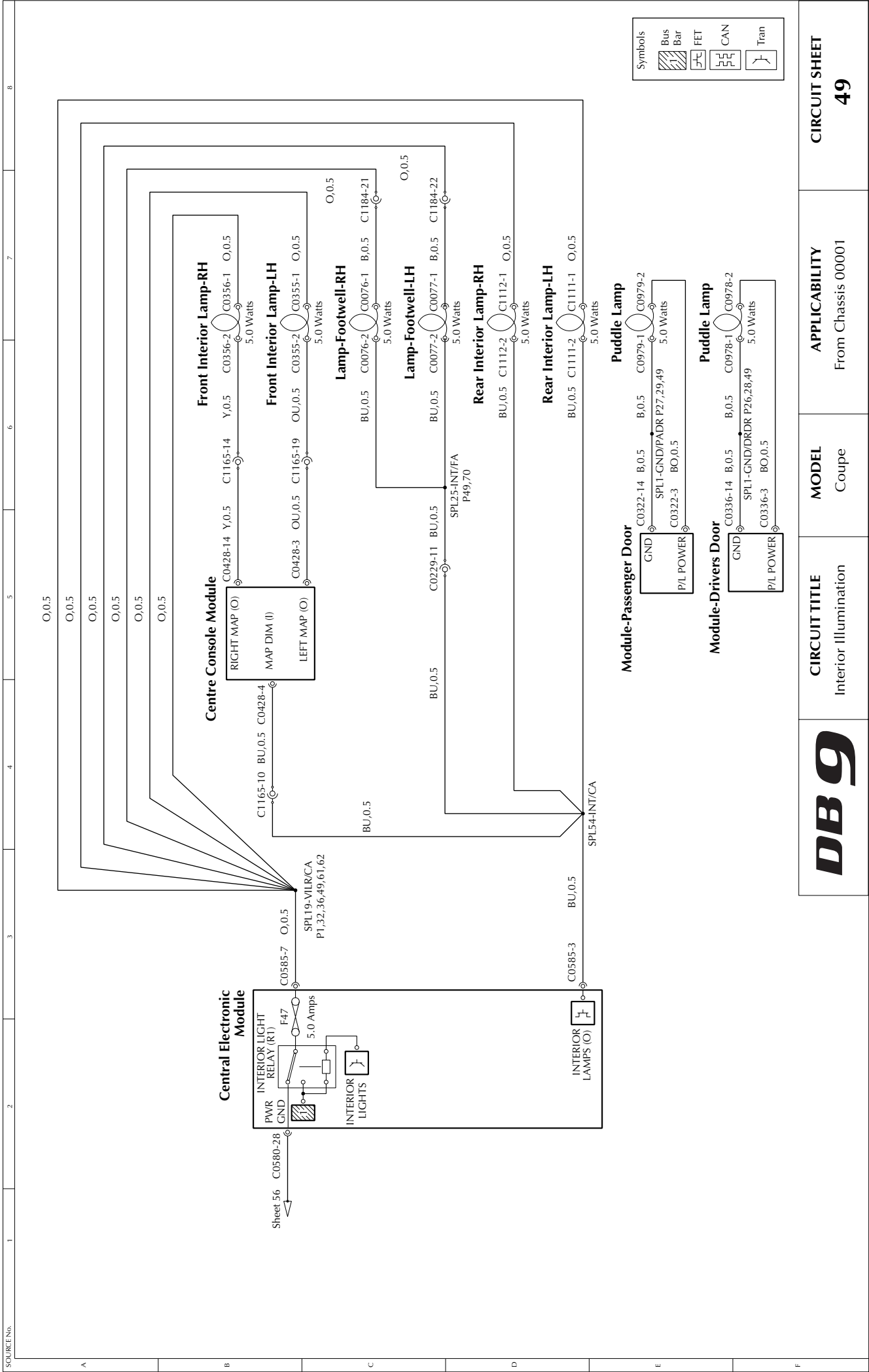
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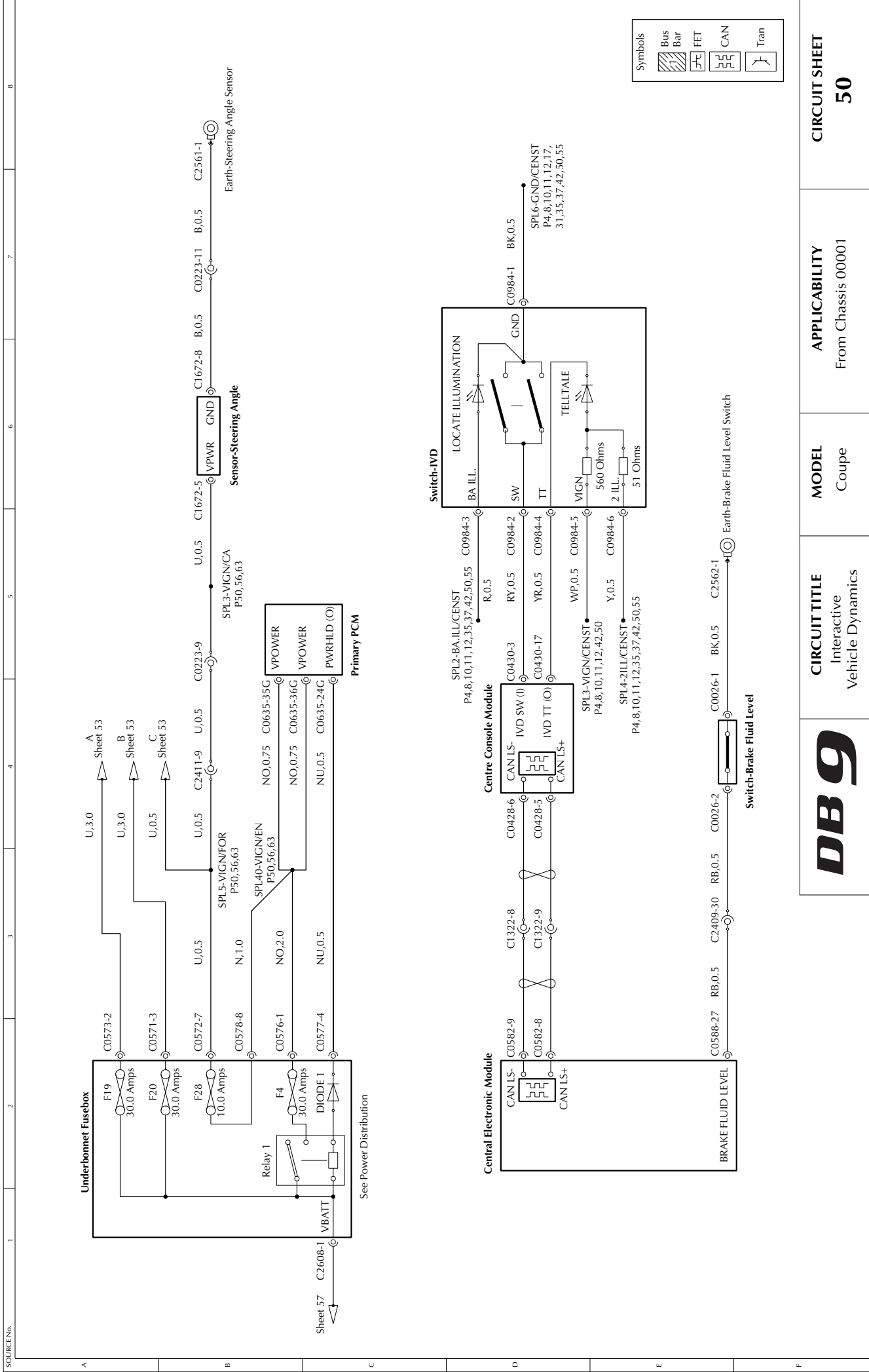
CIRCUIT TITLE
Fuel Injectors

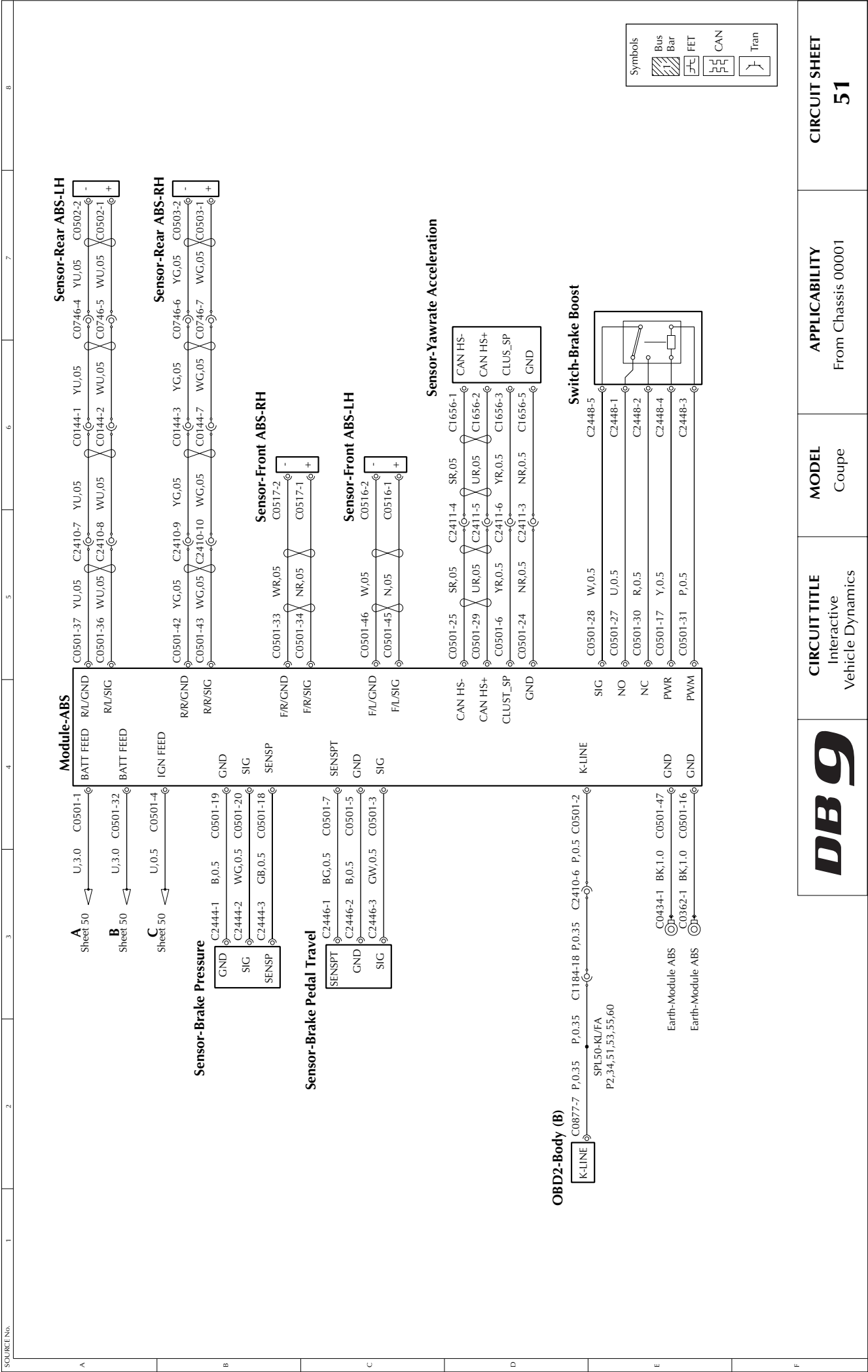
MODEL
Coupe

APPLICABILITY
From Chassis 00001

CIRCUIT SHEET
48











See P13 for CAN Bus Detail

18-1-82

SOURCE No.	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

Symbols
 Bus Bar
 FET
 CAN
 Tran

Central Electronic Module

OBD2-Powertrain (A)

DB 9

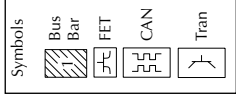
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OBD II Powertrain Connector

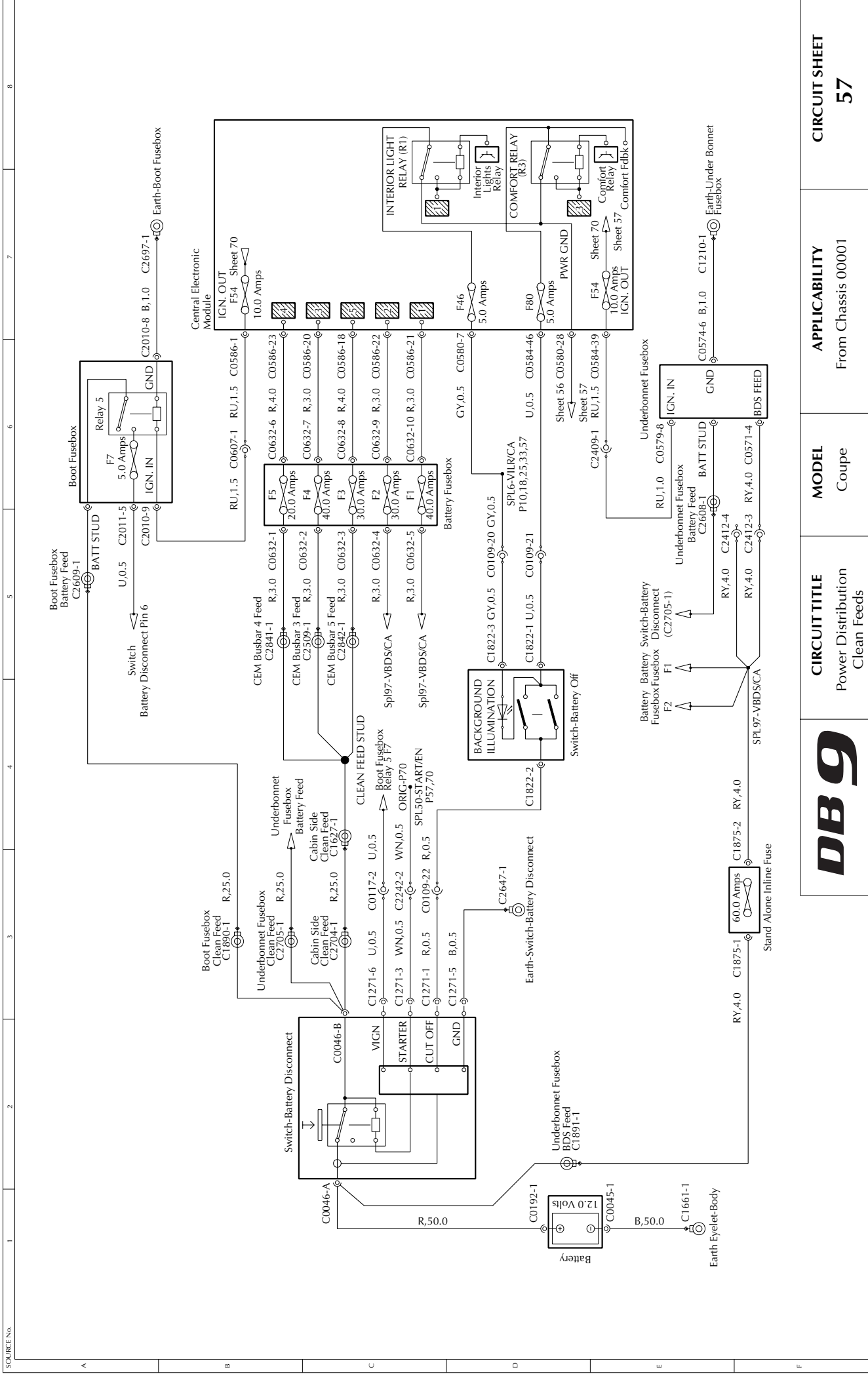
MODEL
Coupe

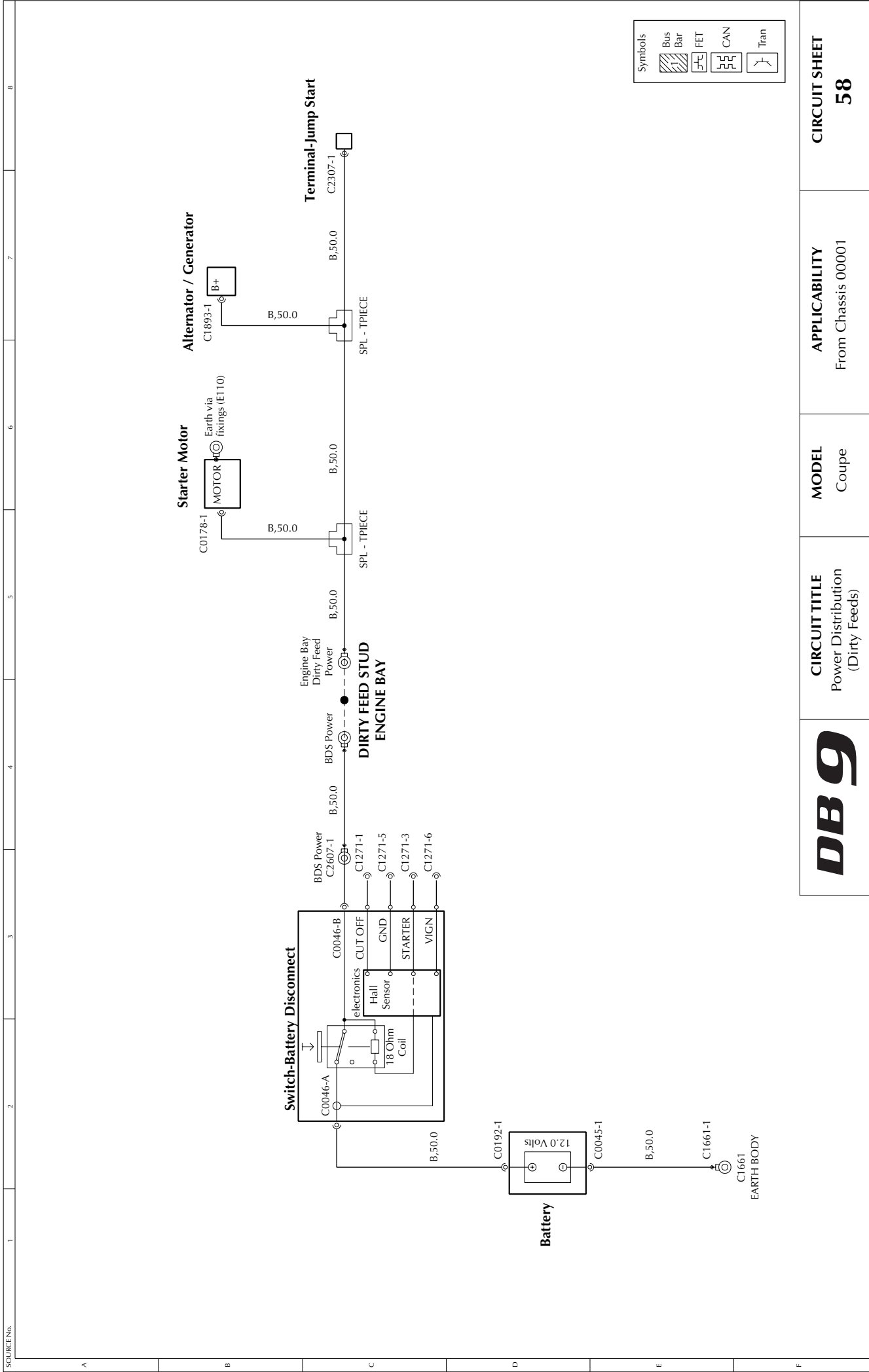
APPLICABILITY
From Chassis 00001

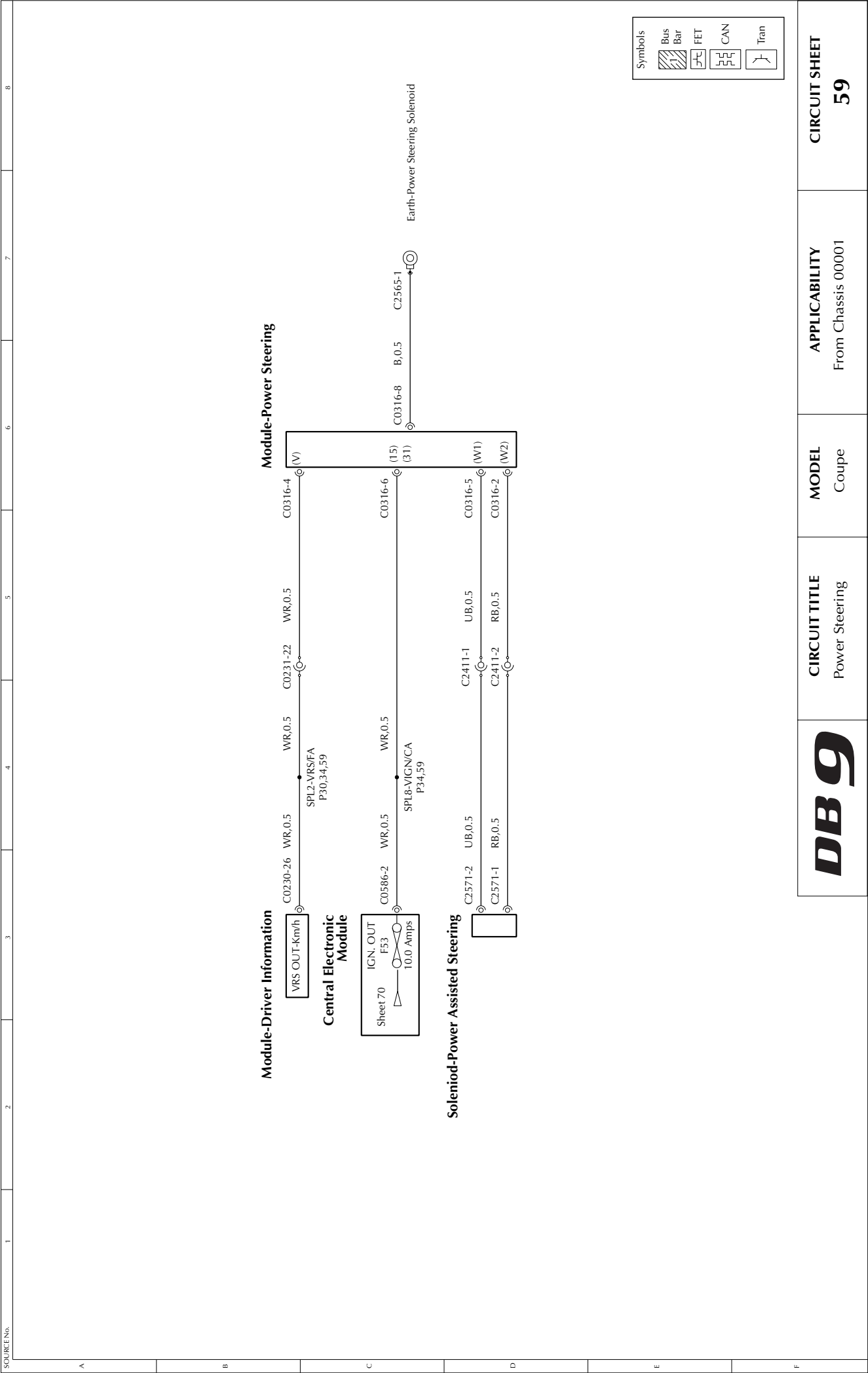
CIRCUIT SHEET
54

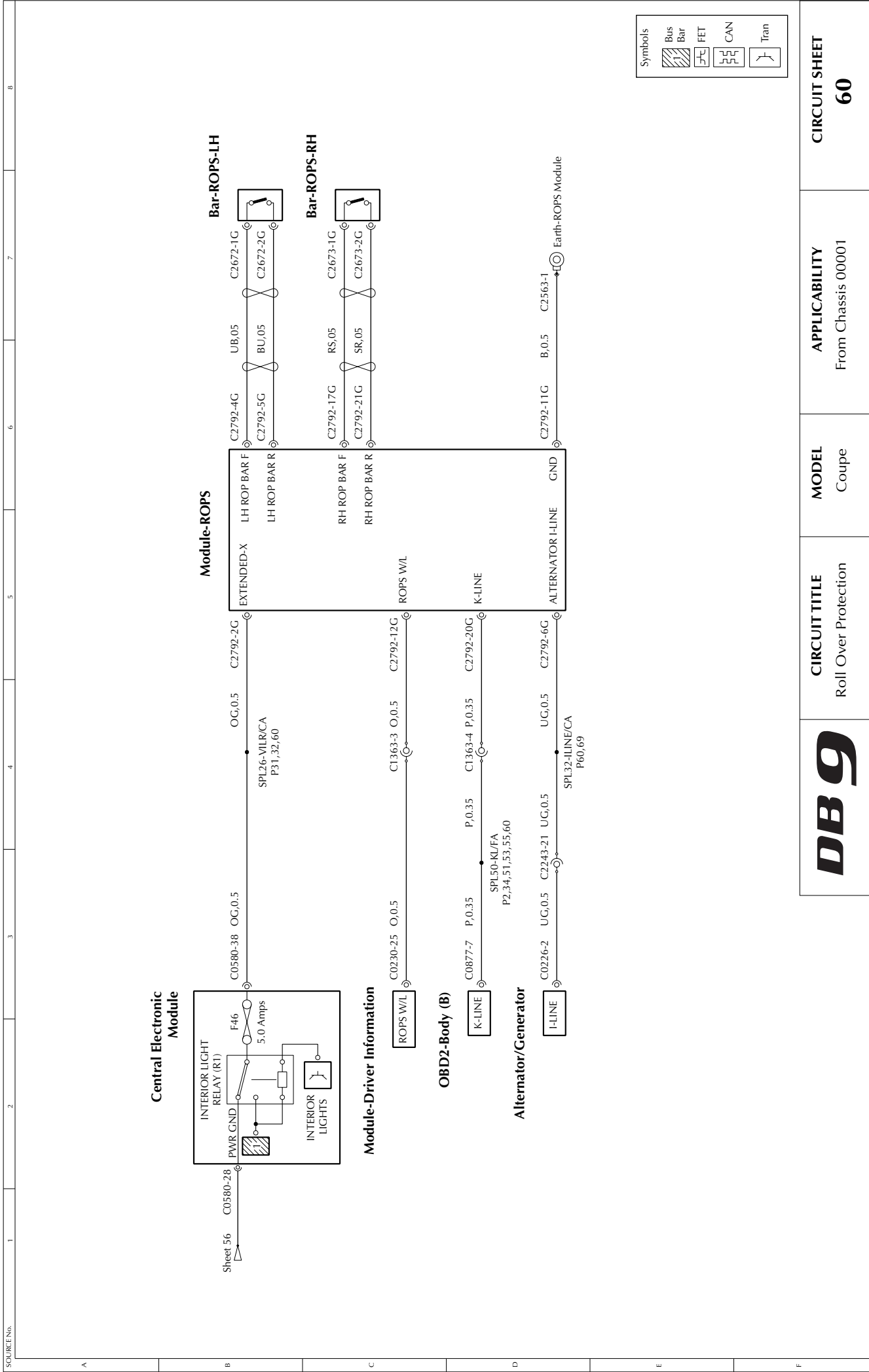


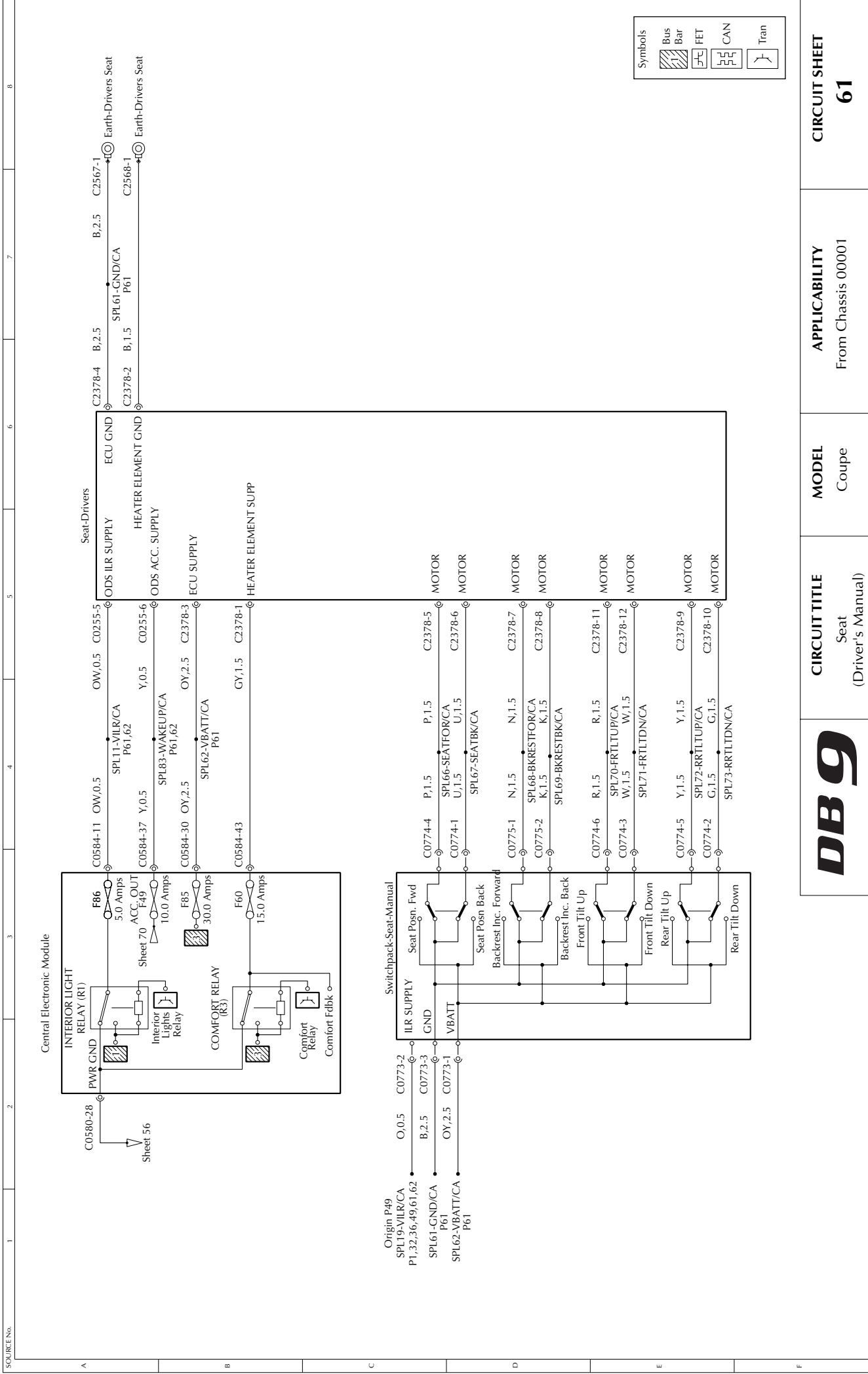


**DB9**CIRCUIT TITLE
Power Distribution
Clean FeedsMODEL
CoupeAPPLICABILITY
From Chassis 00001CIRCUIT SHEET
57



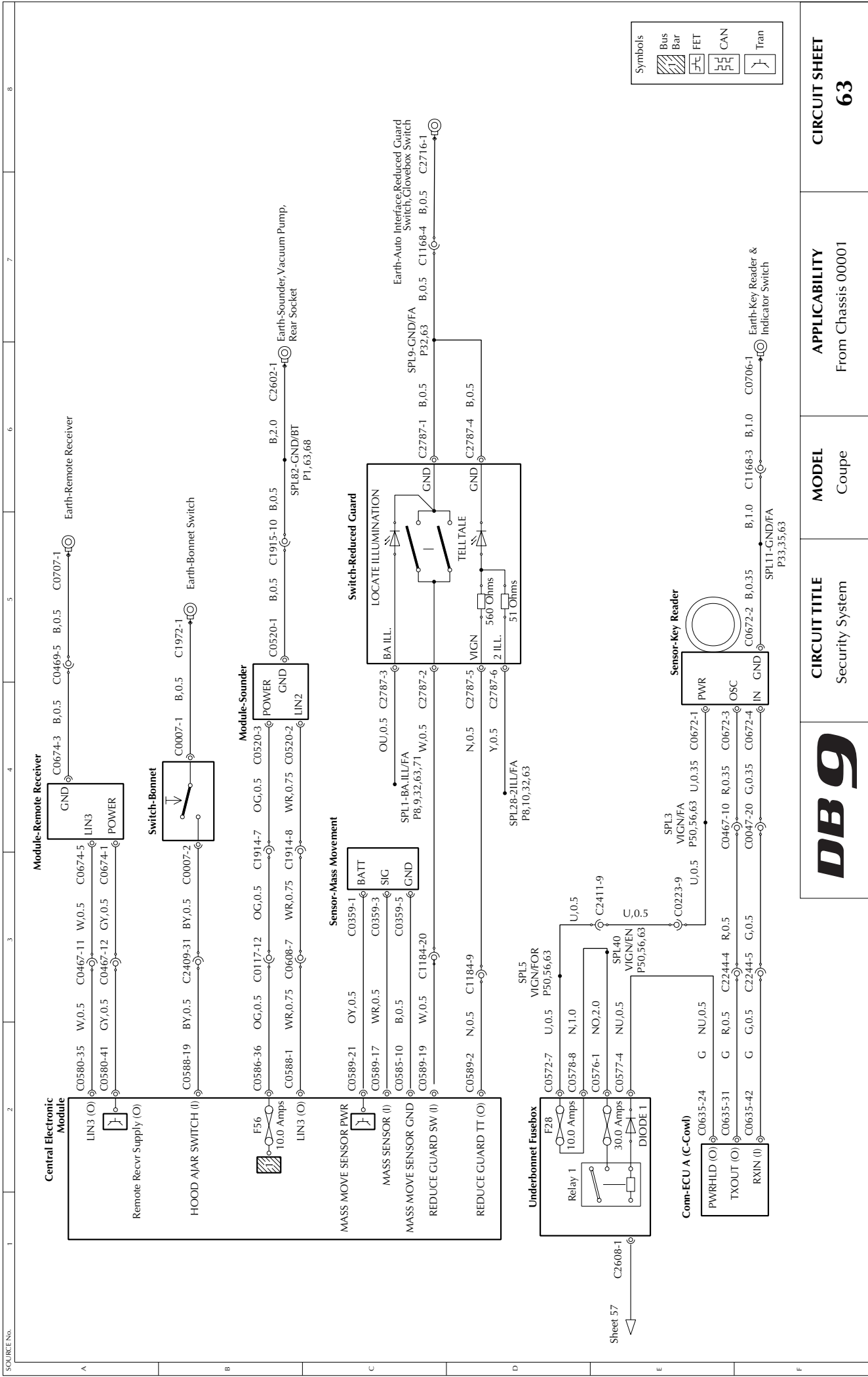








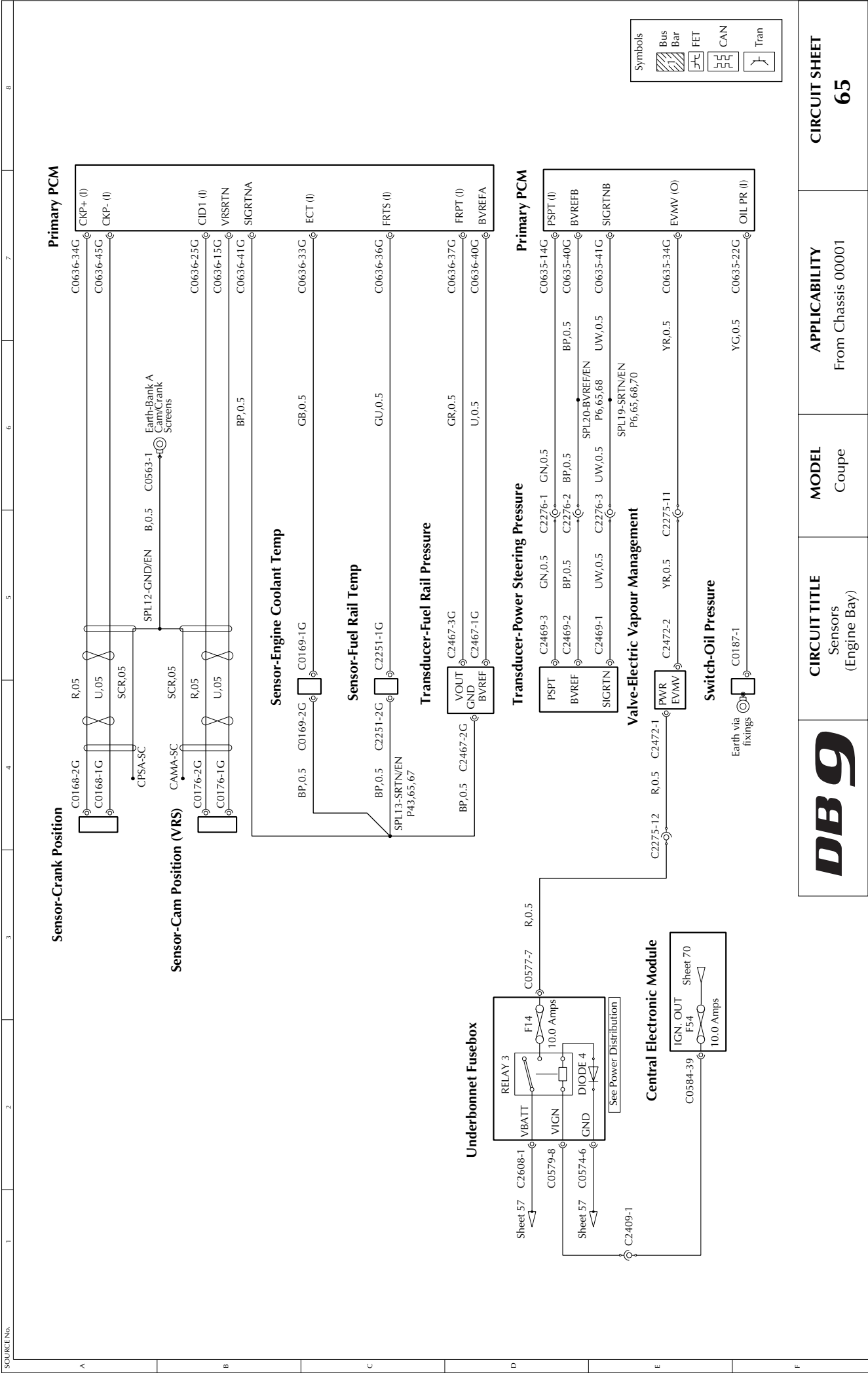
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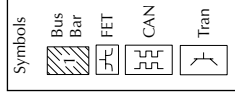
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CIRCUIT TITLE
Security SystemMODEL
CoupeAPPLICABILITY
From Chassis 00001CIRCUIT SHEET
63

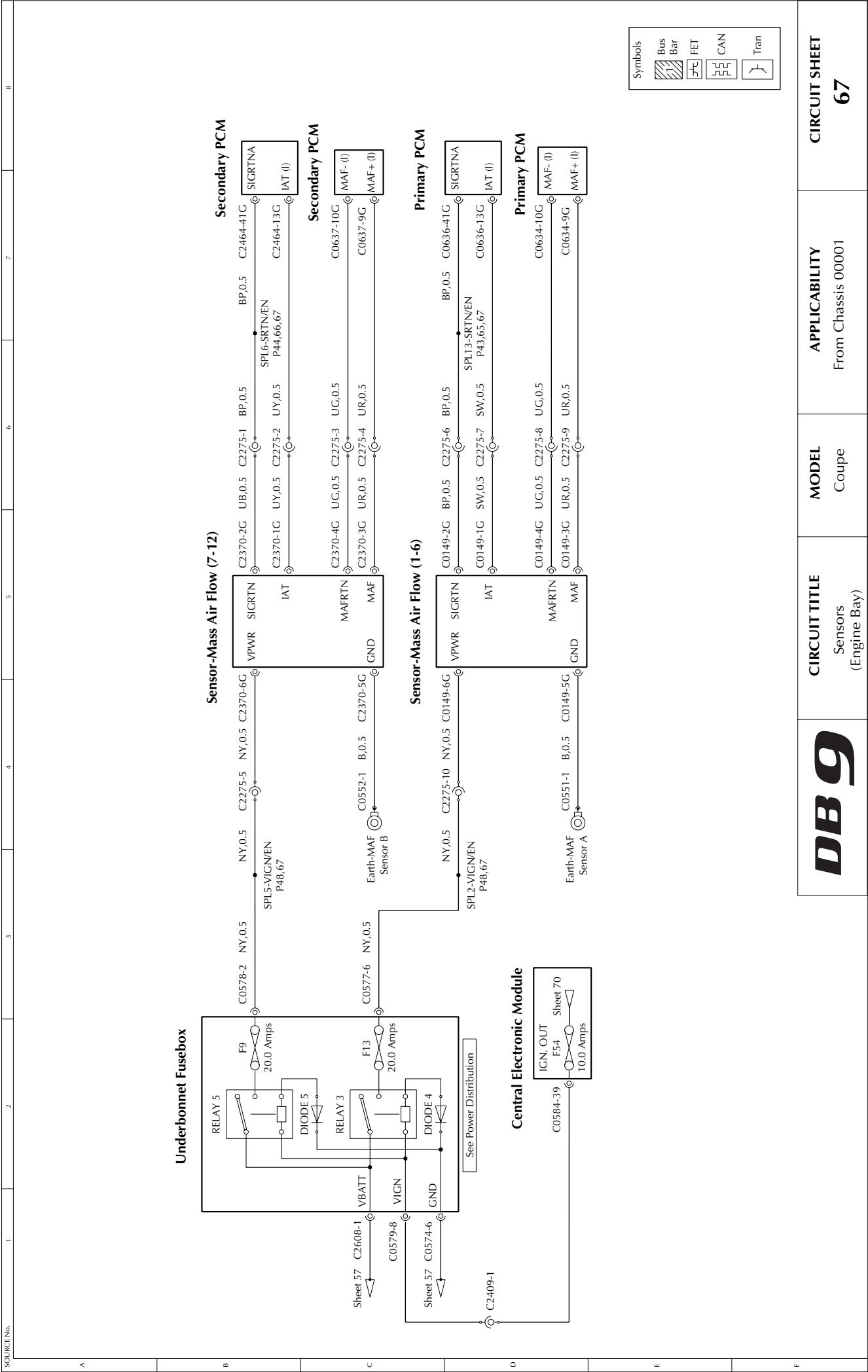
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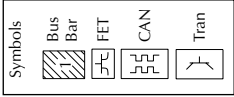
DB 9	CIRCUIT TITLE Sensors (Engine Bay)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 65
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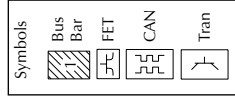


	CIRCUIT TITLE Sensors (Engine Bay)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 66
				

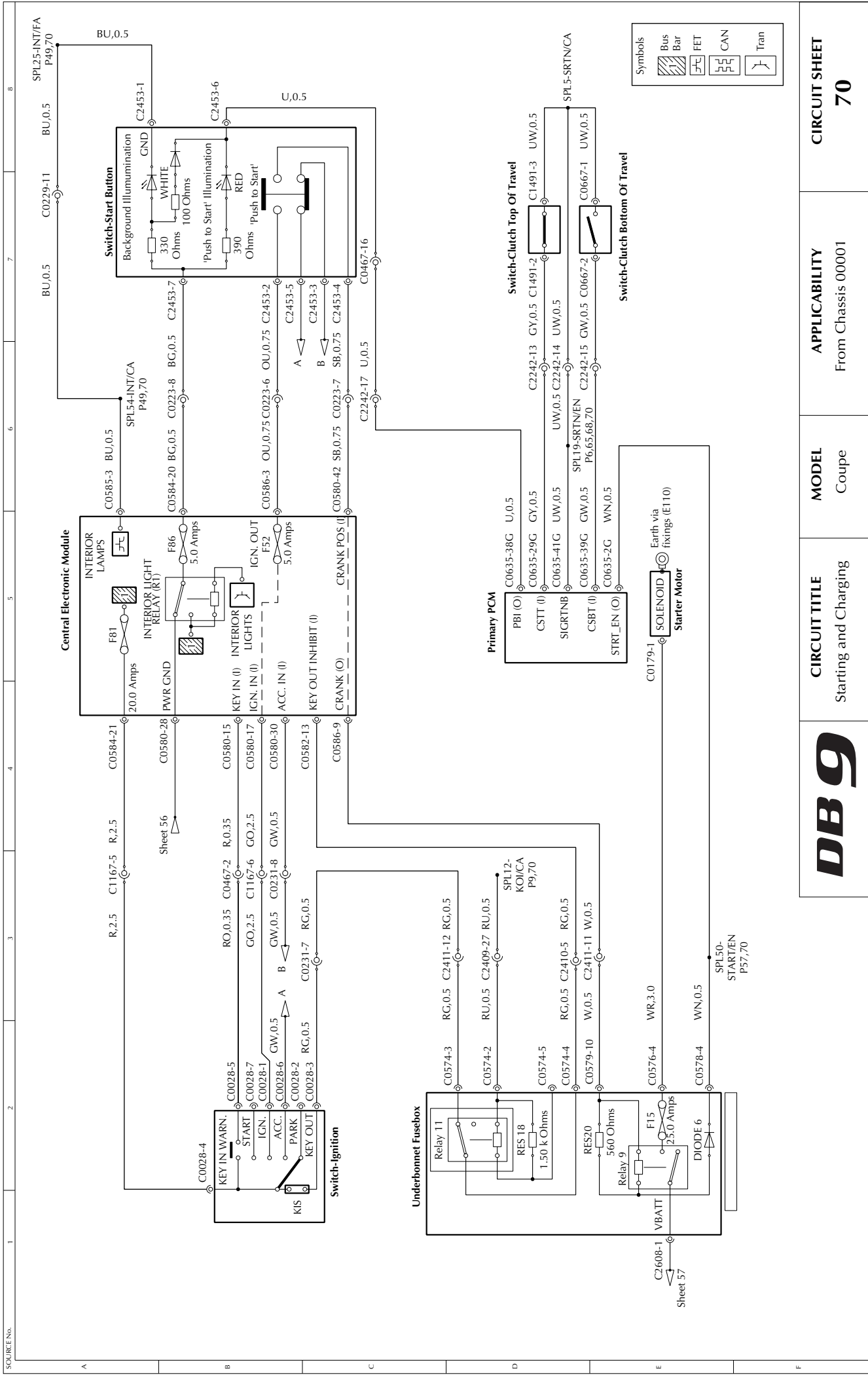


DB 9	CIRCUIT TITLE Sensors (Engine Bay)	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 67
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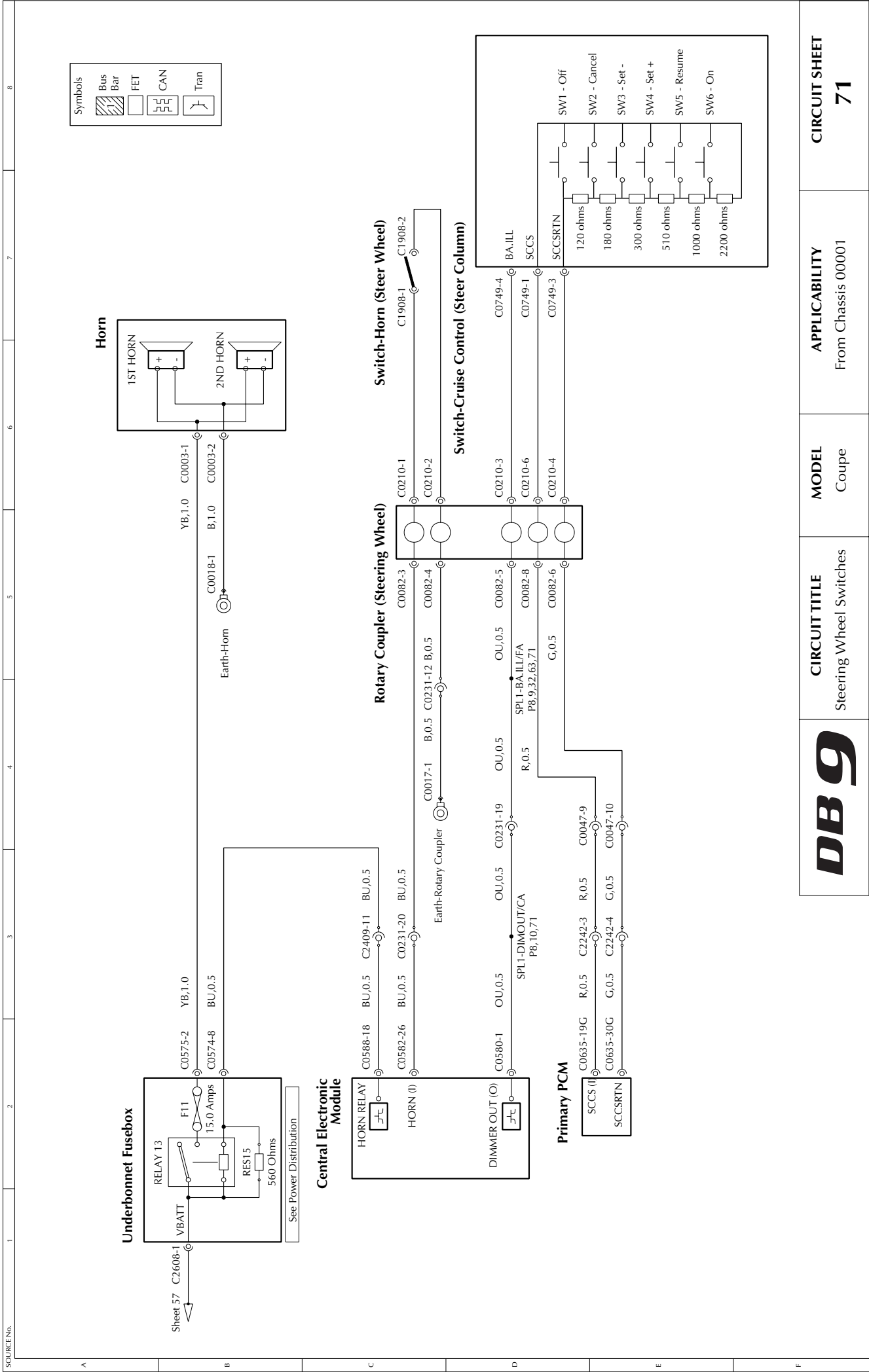




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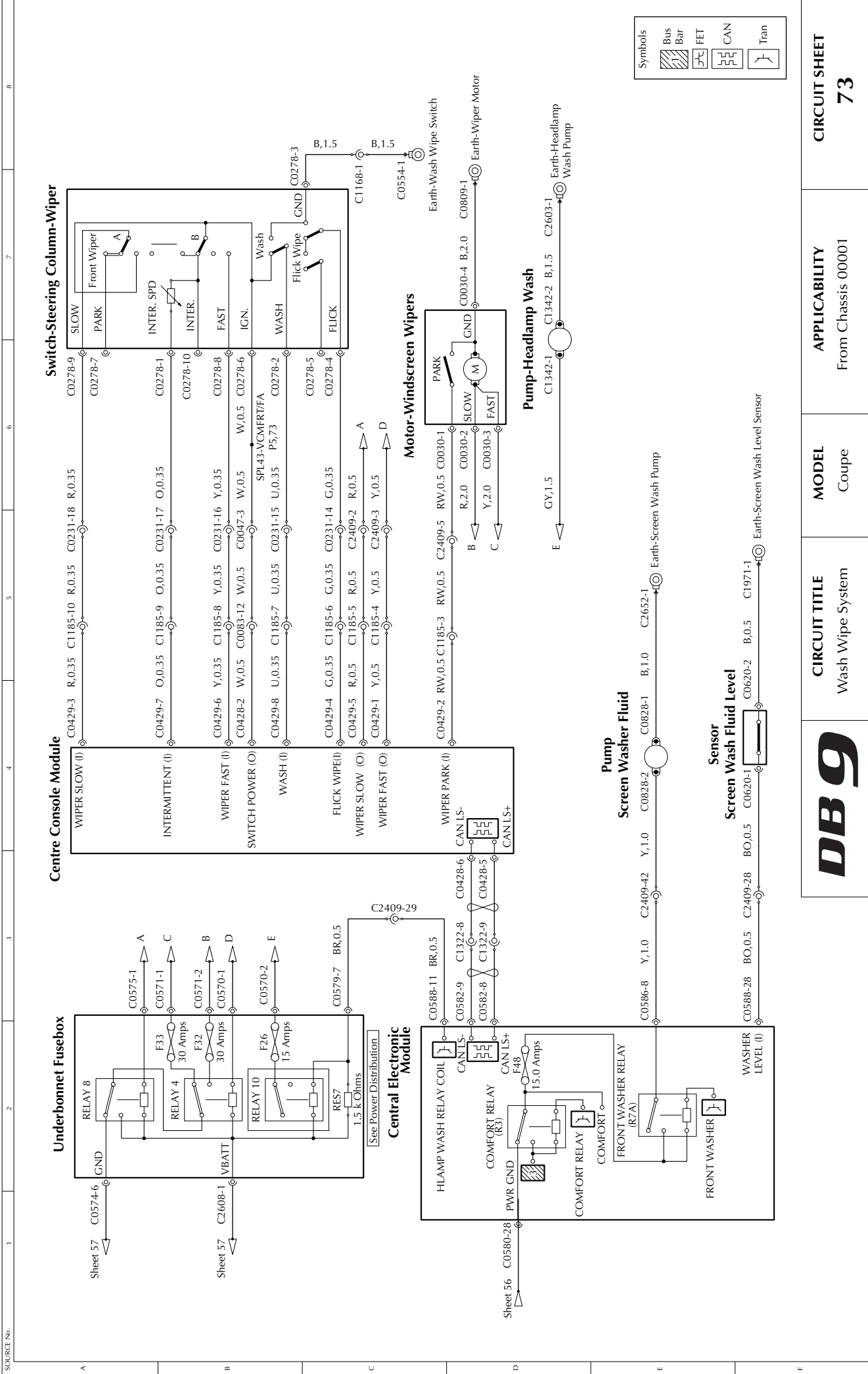


CIRCUIT SHEET 70	APPLICABILITY From Chassis 00001	MODEL Coupe	CIRCUIT TITLE Starting and Charging	
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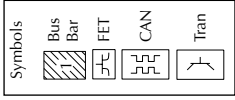


DB 9	CIRCUIT TITLE Steering Wheel Switches	MODEL Coupe	APPLICABILITY From Chassis 00001	CIRCUIT SHEET 71
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SOURCE No.																																																	
1	2	3	4	5	6	7	8																																										
A	Sensor-Pedal Position A (Primary) <table><tr><td>APP2 RTN</td><td>C1589-3</td><td>BG,0.5</td><td>C2243-9</td><td>BG,0.5</td><td>C0635-18G</td><td>APP2 RTN</td></tr><tr><td>APP2 BVREF</td><td>C1589-7</td><td>UW,0.5</td><td>C2243-10</td><td>UW,0.5</td><td>C0635-16G</td><td>APP2 BVREF</td></tr><tr><td>APP2</td><td>C1589-6</td><td>SW,0.5</td><td>C2243-11</td><td>SW,0.5</td><td>C0635-17G</td><td>APP2 (I)</td></tr><tr><td>APP1 RTN</td><td>C1589-5</td><td>B,0.5</td><td>C2243-12</td><td>B,0.5</td><td>C0635-6G</td><td>APP1 RTN</td></tr><tr><td>APP1 BVREF</td><td>C1589-1</td><td>OS,0.5</td><td>C2243-13</td><td>OS,0.5</td><td>C0635-4G</td><td>APP1 BVREF</td></tr><tr><td>APP1</td><td>C1589-2</td><td>SB,0.5</td><td>C2243-14</td><td>SB,0.5</td><td>C0635-5G</td><td>APP1 (I)</td></tr></table>							APP2 RTN	C1589-3	BG,0.5	C2243-9	BG,0.5	C0635-18G	APP2 RTN	APP2 BVREF	C1589-7	UW,0.5	C2243-10	UW,0.5	C0635-16G	APP2 BVREF	APP2	C1589-6	SW,0.5	C2243-11	SW,0.5	C0635-17G	APP2 (I)	APP1 RTN	C1589-5	B,0.5	C2243-12	B,0.5	C0635-6G	APP1 RTN	APP1 BVREF	C1589-1	OS,0.5	C2243-13	OS,0.5	C0635-4G	APP1 BVREF	APP1	C1589-2	SB,0.5	C2243-14	SB,0.5	C0635-5G	APP1 (I)
APP2 RTN	C1589-3	BG,0.5	C2243-9	BG,0.5	C0635-18G	APP2 RTN																																											
APP2 BVREF	C1589-7	UW,0.5	C2243-10	UW,0.5	C0635-16G	APP2 BVREF																																											
APP2	C1589-6	SW,0.5	C2243-11	SW,0.5	C0635-17G	APP2 (I)																																											
APP1 RTN	C1589-5	B,0.5	C2243-12	B,0.5	C0635-6G	APP1 RTN																																											
APP1 BVREF	C1589-1	OS,0.5	C2243-13	OS,0.5	C0635-4G	APP1 BVREF																																											
APP1	C1589-2	SB,0.5	C2243-14	SB,0.5	C0635-5G	APP1 (I)																																											
B	Sensor-Pedal Position B (Secondary) <table><tr><td>APP2 RTN</td><td>C0787-3</td><td>BG,0.5</td><td>C2243-3</td><td>BG,0.5</td><td>C0638-18G</td><td>APP2 RTN</td></tr><tr><td>APP2 BVREF</td><td>C0787-7</td><td>UW,0.5</td><td>C2243-4</td><td>UW,0.5</td><td>C0638-16G</td><td>APP2 BVREF</td></tr><tr><td>APP2</td><td>C0787-6</td><td>SW,0.5</td><td>C2243-5</td><td>SW,0.5</td><td>C0638-17G</td><td>APP2 (I)</td></tr><tr><td>AAP1 RTN</td><td>C0787-5</td><td>B,0.5</td><td>C2243-6</td><td>B,0.5</td><td>C0638-6G</td><td>APP1 RTN</td></tr><tr><td>APP1 BVREF</td><td>C0787-1</td><td>OS,0.5</td><td>C2243-7</td><td>OS,0.5</td><td>C0638-4G</td><td>APP1 BVREF</td></tr><tr><td>APP1</td><td>C0787-2</td><td>SB,0.5</td><td>C2243-8</td><td>SB,0.5</td><td>C0638-5G</td><td>APP1 (I)</td></tr></table>							APP2 RTN	C0787-3	BG,0.5	C2243-3	BG,0.5	C0638-18G	APP2 RTN	APP2 BVREF	C0787-7	UW,0.5	C2243-4	UW,0.5	C0638-16G	APP2 BVREF	APP2	C0787-6	SW,0.5	C2243-5	SW,0.5	C0638-17G	APP2 (I)	AAP1 RTN	C0787-5	B,0.5	C2243-6	B,0.5	C0638-6G	APP1 RTN	APP1 BVREF	C0787-1	OS,0.5	C2243-7	OS,0.5	C0638-4G	APP1 BVREF	APP1	C0787-2	SB,0.5	C2243-8	SB,0.5	C0638-5G	APP1 (I)
APP2 RTN	C0787-3	BG,0.5	C2243-3	BG,0.5	C0638-18G	APP2 RTN																																											
APP2 BVREF	C0787-7	UW,0.5	C2243-4	UW,0.5	C0638-16G	APP2 BVREF																																											
APP2	C0787-6	SW,0.5	C2243-5	SW,0.5	C0638-17G	APP2 (I)																																											
AAP1 RTN	C0787-5	B,0.5	C2243-6	B,0.5	C0638-6G	APP1 RTN																																											
APP1 BVREF	C0787-1	OS,0.5	C2243-7	OS,0.5	C0638-4G	APP1 BVREF																																											
APP1	C0787-2	SB,0.5	C2243-8	SB,0.5	C0638-5G	APP1 (I)																																											
C	Motor-Electronic Throttle B <table><tr><td>TPRTN</td><td>C2466-2</td><td>G</td><td>OR,0.5</td><td>C2464-7G</td><td>TPRTN</td></tr><tr><td>TPBVREF</td><td>C2466-3</td><td>G</td><td>OW,0.5</td><td>C2464-18G</td><td>TPBVREF</td></tr><tr><td>TP1-NS</td><td>C2466-5</td><td>G</td><td>OU,0.5</td><td>C2464-19G</td><td>TP1-NS (I)</td></tr><tr><td>TP2-PS</td><td>C2466-6</td><td>G</td><td>OG,0.5</td><td>C2464-29G</td><td>TP2-PS (I)</td></tr><tr><td>TACM-</td><td>C2466-1</td><td>G</td><td>OY,05</td><td>C2464-48</td><td>TACM- (O)</td></tr><tr><td>TACM+</td><td>C2466-4</td><td>G</td><td>OS,05</td><td>C2464-47</td><td>TACM+ (O)</td></tr></table>							TPRTN	C2466-2	G	OR,0.5	C2464-7G	TPRTN	TPBVREF	C2466-3	G	OW,0.5	C2464-18G	TPBVREF	TP1-NS	C2466-5	G	OU,0.5	C2464-19G	TP1-NS (I)	TP2-PS	C2466-6	G	OG,0.5	C2464-29G	TP2-PS (I)	TACM-	C2466-1	G	OY,05	C2464-48	TACM- (O)	TACM+	C2466-4	G	OS,05	C2464-47	TACM+ (O)						
TPRTN	C2466-2	G	OR,0.5	C2464-7G	TPRTN																																												
TPBVREF	C2466-3	G	OW,0.5	C2464-18G	TPBVREF																																												
TP1-NS	C2466-5	G	OU,0.5	C2464-19G	TP1-NS (I)																																												
TP2-PS	C2466-6	G	OG,0.5	C2464-29G	TP2-PS (I)																																												
TACM-	C2466-1	G	OY,05	C2464-48	TACM- (O)																																												
TACM+	C2466-4	G	OS,05	C2464-47	TACM+ (O)																																												
D	Motor-Electronic Throttle A <table><tr><td>TPRTN</td><td>C2465-2</td><td>G</td><td>OR,0.5</td><td>C0636-7G</td><td>TPRTN</td></tr><tr><td>TPBVREF</td><td>C2465-3</td><td>G</td><td>OW,0.5</td><td>C0636-18G</td><td>TPBVREF</td></tr><tr><td>TP1-NS</td><td>C2465-5</td><td>G</td><td>OU,0.5</td><td>C0636-19G</td><td>TP1-NS (I)</td></tr><tr><td>TP2-PS</td><td>C2465-6</td><td>G</td><td>OG,0.5</td><td>C0636-29G</td><td>TP2-PS (I)</td></tr><tr><td>TACM-</td><td>C2465-1</td><td>G</td><td>OY,05</td><td>C0636-48</td><td>TACM- (O)</td></tr><tr><td>TACM+</td><td>C2465-4</td><td>G</td><td>OS,05</td><td>C0636-47</td><td>TACM+ (O)</td></tr></table>							TPRTN	C2465-2	G	OR,0.5	C0636-7G	TPRTN	TPBVREF	C2465-3	G	OW,0.5	C0636-18G	TPBVREF	TP1-NS	C2465-5	G	OU,0.5	C0636-19G	TP1-NS (I)	TP2-PS	C2465-6	G	OG,0.5	C0636-29G	TP2-PS (I)	TACM-	C2465-1	G	OY,05	C0636-48	TACM- (O)	TACM+	C2465-4	G	OS,05	C0636-47	TACM+ (O)						
TPRTN	C2465-2	G	OR,0.5	C0636-7G	TPRTN																																												
TPBVREF	C2465-3	G	OW,0.5	C0636-18G	TPBVREF																																												
TP1-NS	C2465-5	G	OU,0.5	C0636-19G	TP1-NS (I)																																												
TP2-PS	C2465-6	G	OG,0.5	C0636-29G	TP2-PS (I)																																												
TACM-	C2465-1	G	OY,05	C0636-48	TACM- (O)																																												
TACM+	C2465-4	G	OS,05	C0636-47	TACM+ (O)																																												
E	Primary PCM <table><tr><td>TPRTN</td><td>C0636-7G</td><td>TPRTN</td></tr><tr><td>TPBVREF</td><td>C0636-18G</td><td>TPBVREF</td></tr><tr><td>TP1-NS</td><td>C0636-19G</td><td>TP1-NS (I)</td></tr><tr><td>TP2-PS</td><td>C0636-29G</td><td>TP2-PS (I)</td></tr><tr><td>TACM-</td><td>C0636-48</td><td>TACM- (O)</td></tr><tr><td>TACM+</td><td>C0636-47</td><td>TACM+ (O)</td></tr></table>							TPRTN	C0636-7G	TPRTN	TPBVREF	C0636-18G	TPBVREF	TP1-NS	C0636-19G	TP1-NS (I)	TP2-PS	C0636-29G	TP2-PS (I)	TACM-	C0636-48	TACM- (O)	TACM+	C0636-47	TACM+ (O)																								
TPRTN	C0636-7G	TPRTN																																															
TPBVREF	C0636-18G	TPBVREF																																															
TP1-NS	C0636-19G	TP1-NS (I)																																															
TP2-PS	C0636-29G	TP2-PS (I)																																															
TACM-	C0636-48	TACM- (O)																																															
TACM+	C0636-47	TACM+ (O)																																															
F	Symbols <table><tr><td>Bus Bar</td><td>FET</td><td>CAN</td><td>Tran</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>							Bus Bar	FET	CAN	Tran																																						
Bus Bar	FET	CAN	Tran																																														
DB 9				CIRCUIT TITLE Throttles and Throttle Pedals		MODEL Coupe		APPLICABILITY From Chassis 00001		CIRCUIT SHEET 72																																							

**DB 9**CIRCUIT TITLE
Wash Wipe SystemMODEL
CoupeAPPLICABILITY
From Chassis 00001CIRCUIT SHEET
73

[illegible]



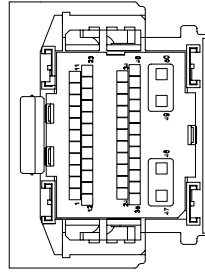
8-1-104
Workshop Manual
Issue 2 February 2005

ASTON MARTIN CIRCUIT DIAGRAM

CONFIDENTIAL

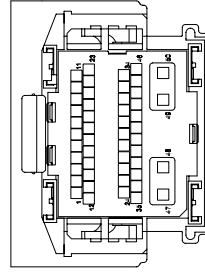
C

ECU B (E-Engine)	
(CD7) CYLINDER1(0) C2464-1	PAGE 47
INJECTOR1(0) C2464-2	PAGE 48
INJECTOR2(0) C2464-3	PAGE 48
INJECTOR4(0) C2464-4	PAGE 48
INJECTOR3(0) C2464-5	PAGE 48
THROTTLE POT RIN C2464-7	PAGE 72
INJECTOR5(0) C2464-8	PAGE 48
INJECTOR2(0) C2464-9	PAGE 48
INJECTOR7(0) C2464-10	PAGE 48
INJECTOR8(0) C2464-11	PAGE 48
(CD11) CYLINDER5(0) C2464-12	PAGE 47
INLET AIR TEMP.(0) C2464-13	PAGE 67
CAM/CRANK RIN C2464-15	PAGE 66
THROTTLE POT REF VOL C2464-18	PAGE 72
TPI-NSD C2464-19	PAGE 72
(CD3) CYLINDER3(0) C2464-24	PAGE 47
CD1(0) C2464-25	PAGE 66
TP2-P5(0) C2464-29	PAGE 72
HEG011(0) C2464-30	PAGE 44
HEG021(0) C2464-31	PAGE 44
CRANK POS+1(0) C2464-34	PAGE 66
(CD12) CYLINDER6(0) C2464-35	PAGE 47
FUEL TANK PRESS TRAN(0) C2464-37	PAGE 66
(CD8) CYLINDER2(0) C2464-38	PAGE 47
(CD10) CYLINDER4(0) C2464-39	PAGE 47
REF VOLT A C2464-40	PAGE 66
SIGNAL RIN A C2464-41	PAGE 44,66,67
CRANK POS-(0) C2464-45	PAGE 72
THROTTLE MTR-(0) C2464-47	PAGE 72
THROTTLE MTR-(0) C2464-48	PAGE 72
HTR11(0) C2464-49	PAGE 44
HTR21(0) C2464-50	PAGE 44



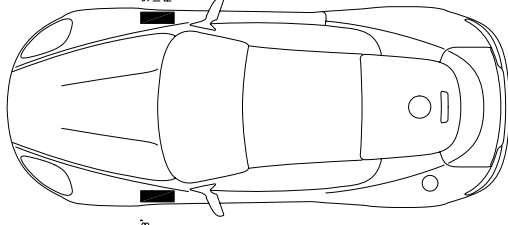
A

ECU B (T-Trants)	
ENG COOL LEVEL(0) C0637-4	PAGE 66
PRV/SEC SWITCH(0) C0637-6	PAGE 44
MF+1(0) C0637-9	PAGE 67
MF-1(0) C0637-10	PAGE 67
CB2+ C0637-14	PAGE 13
HEG021(0) C0637-24	PAGE 44
HEG022(0) C0637-25	PAGE 44
CB2- C0637-26	PAGE 13
CB3+ C0637-30	PAGE 16
CB3- C0637-31	PAGE 16
ALJN0N(0) C0637-38	PAGE 69
SIGNAL RIN C C0637-41	PAGE 44
HTR12(0) C0637-47	PAGE 44
HTR22(0) C0637-48	PAGE 44



B

ECU B (C-Cow)	
APP1 REF VOLT(0) C0638-4	PAGE 72
APP1(0) C0638-5	PAGE 72
APP1 RIN C0638-6	PAGE 72
BRAKE PEDAL SWITCH(0) C0638-7	PAGE 39
BRAKE ON/OFF SWITCH(0) C0638-8	PAGE 39
CASE GROUND(0) C0638-10	PAGE 56
CB1+ C0638-11	PAGE 16
MOTOR FUEL PUMP(0) C0638-12	PAGE 41
APP2 REF VOLT(0) C0638-16	PAGE 72
APP2(0) C0638-17	PAGE 72
APP2 RIN C0638-18	PAGE 72
RESTRAINT DEPLOY IN(0) C0638-20	PAGE 2
FUEL PUMP MONITOR(0) C0638-21	PAGE 41
CB1- C0638-23	PAGE 16
POWERHOLD(0) C0638-24	PAGE 56
VEHICLE SPEED SENSOR+(0) C0638-32	PAGE 68
VEHICLE SPEED SENSOR-(0) C0638-33	PAGE 68
EW4(0) C0638-34	PAGE 66
POWER C0638-35	PAGE 56
POWER C0638-36	PAGE 56
FEPS C0638-44	PAGE 16
KEEP ALIVE POWER C0638-45	PAGE 56
POWER GROUND C0638-47	PAGE 56
POWER GROUND C0638-48	PAGE 56
POWER GROUND C0638-49	PAGE 56
IGNSENS(0) C0638-50	PAGE 56



VIEW LOOKING INTO MODULE CONNECTORS

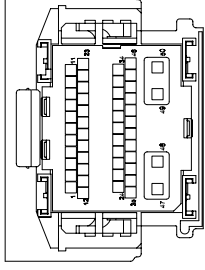


IMPORTANT-CHECK KEYWAY BELOW TO ENSURE CORRECT CONNECTOR

HS CAN
LS CAN

BUSBAR
FET
CAN
TRAN

VIEWED THROUGH WIRE INSERTION SIDE OF CONNECTORS



DRAWN BY	SIGNATURE	DATE	SYSTEM	PROJECT	BUILD	CPSC CODE	PAGE
A.PEARSON	A.PEARSON	29-03-04	SYSTEM	AM803	JOB1	XX.XX.XX	1
CHECKED BY	SIGNATURE	DATE	SUB SYSTEM	DRAWING No	Issue Level	ISSUE LEVEL	
APPROVED BY	SIGNATURE	DATE	VARIANT	V1.05	2	A	
			RHD/LHD	SHEET No	No OF SHEETS	DATE	
				1	2	04-Feb-04	
			STEVE ARMITSTEAD				

Electric Distribution/Electronic Control (18.00)

Vehicle Control System (18.08)

Module Configuration

Principles of Operation

All configurable modules are packaged in a kit which contains a warning label and a multi-language sheet re-emphasizing the requirements to configure replacement modules.

Replacement configurable modules must be configured using WDS.

Market Configuration

This data is required so that modules can interact with the vehicle correctly. By using WDS this data will be retrieved in the following ways:

- Indirectly from a mirrored image of the old modules data stored in an 'As is' database on DCS
- Indirectly from information stored in WDS

Configuration

The complexity of the electronics involved with module configuration and the multiplex communication network which they are connected to preclude the use of general workshop electrical test equipment.

WDS contains detailed instructions on module configuration.

Install the new module(s) and download the 'As is' data using the vehicle configuration software on WDS.

<i>WDS will permanently retain the configuration information</i>
--

Customer Configuration

There are certain modules / functions that the customer may or may not want reconfigured or enabled. Some of these preferences are accessed through the 'in-car' menus, available on the infotainment centre. Others are set in the vehicle configuration or specific software files, these items can be toggled or configured by WDS.

The 'As is' database (AML) holds customer original preferences. When a new module is installed to a previously upgraded or reconfigured vehicle these preferences can be retrieved and re-applied as required through WDS

Data Buses

The primary data required for control and operation is carried on CAN data buses.

Two Can buses are used:

- High Speed CAN bus operates at 500 k bits / sec and is primarily used to transmit powertrain data
- The Powertrain (high speed) CAN bus operates at 500 k bits / sec and is only used to link the two PCMs
- Low Speed CAN bus operates at 125 k bits / sec and is used to transmit data relevant to the body system.

For data bus circuits - (Refer to 'Circuit Diagrams', page 18-1-17).

Network Bus

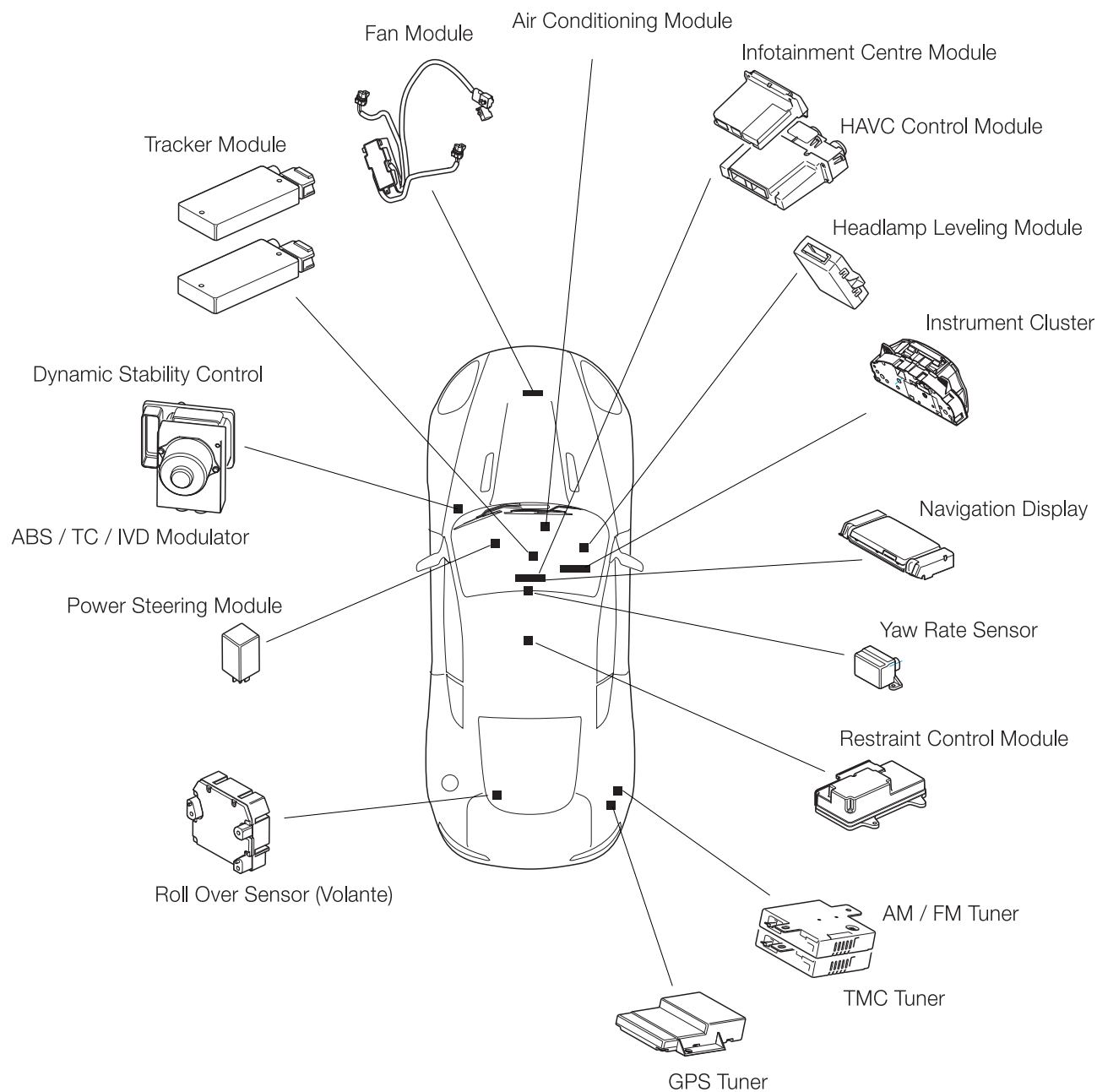
MOST

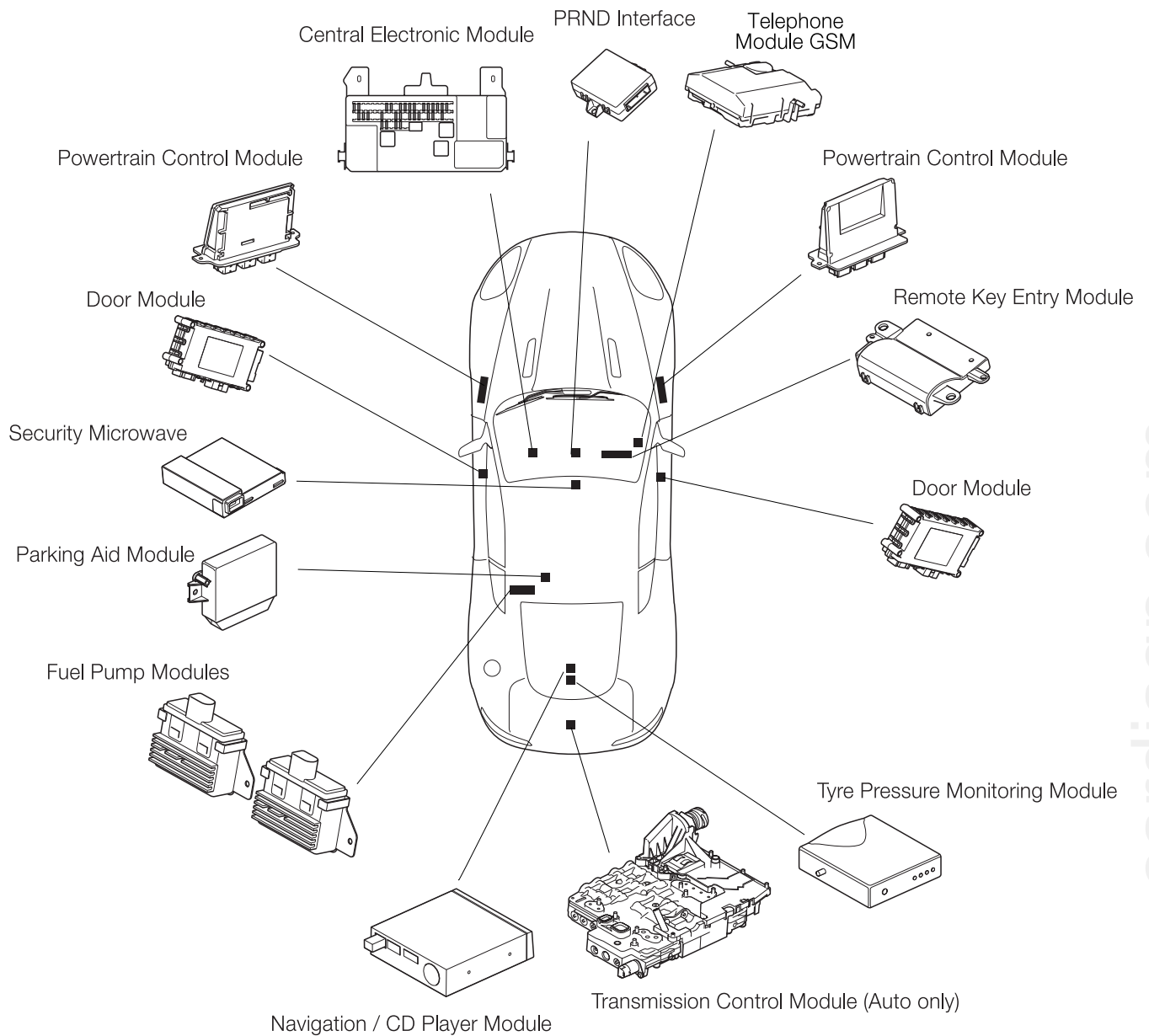
The MOST network bus is a fibre optical network used only for the Infotainment System

For the MOST network circuits - (Refer to 'Circuit Diagrams', page 18-1-17).



Module Locations (RHD)

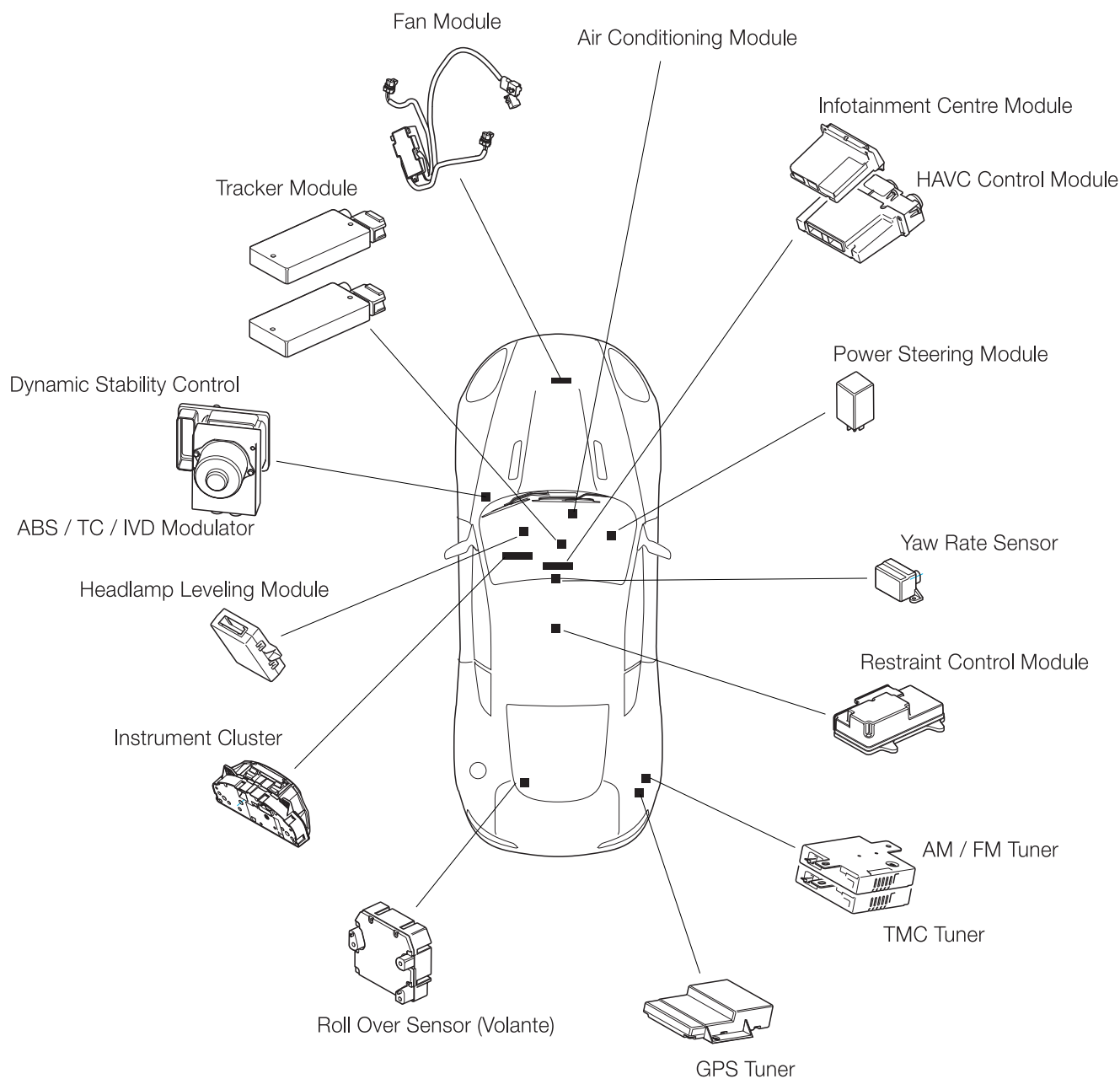


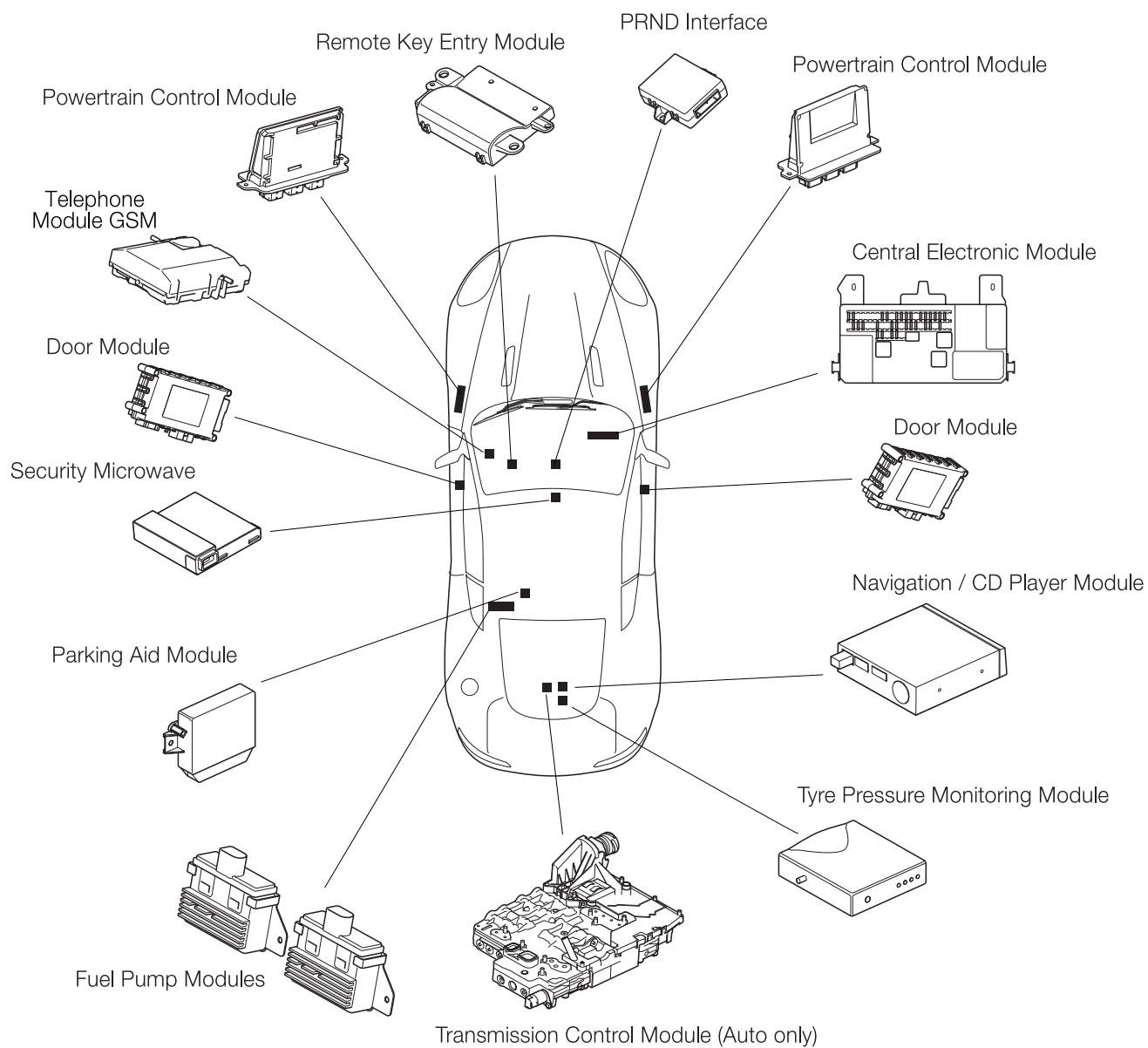


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Module Locations (LHD)







ASTON MARTIN

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