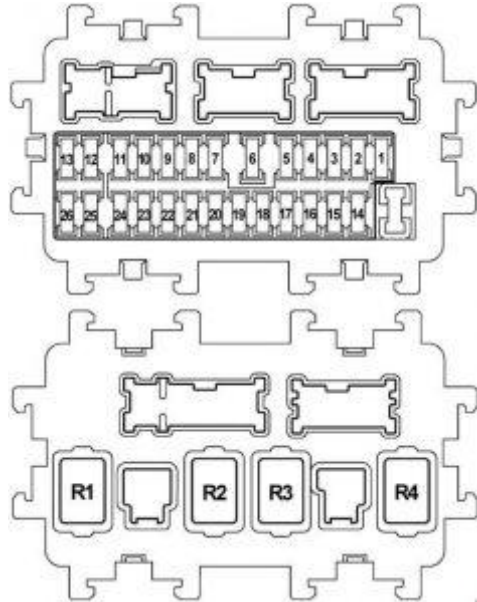


Infiniti FX35 S51, 2008 – 2017 fuse box diagram

The Instrument Panel Fuse Panel (J/B)



Infiniti FX35 – fuse box diagram – instrument

panel (J/B)

Number	A	Description
1	—	—
2	10	Occupant Detection System Control Unit Air Bag Diagnosis Sensor Unit

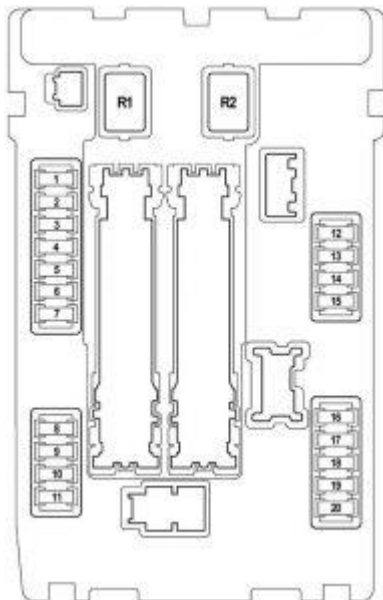
3	10	Front Combination Lamp RH Front Combination Lamp LH Ionizer Climate Controlled Seat Relay Unified Meter And A/C Amp. Low Tire Pressure Warning Control Unit Can Gateway AV Control Unit Exhaust Gas / Outside Odor Detecting Sensor Auto Anti-dazzling Inside Mirror ICC Brake Hold Relay ASCD Brake Switch Stop Lamp Switch AFS Control Unit Data Link Connector Warning Systems Switch Lane Departure Warning Buzzer Lane Camera Unit Compressor Tel Adapter Unit Heated Seat Relay Heated Seat Switch (Driver Side) Heated Seat Switch (Passenger Side)
4	10	Combination Meter Back-up Lamp Relay Around View Monitor Control Unit Sonar Control Unit
5	20	Accessory Relay
6	10	Key /slot Clock Data Link Connector Rain Sensor Intelligent Key Warning Buzzer Auto Anti-Dazzling Inside Mirror

7	10	ICC Brake Hold Relay Stop Lamp Switch Body Control Module (BCM)
8	20	Bose (audio system)
9	10	Key Slot Push-Button Ignition Switch
10	10	Body Control Module (BCM) Automatic Drive Positioner Control Unit Total Illumination Control Unit Seat Memory Switch Drive Seat Control Unit
11	10	Combination Meter Unified Meter and A/C Amp. AWD Control Unit CAN Gateway Pre-Crash Seat Belt Control Unit (Driver Side / Passenger Side)
12	—	Spare
13	—	Spare
14	—	—
15	10	Door Mirrors
16	20	Rear Windows Defogger
17	20	Rear Windows Defogger

18	10	E-SUS Control Unit
19	—	—
20	15	Front Power Socket
21	10	Door Mirror Remote Control Switch Unified Meter And A/C Amp. Multifunction Switch Total Illumination Control Unit AV Control Unit Around View Monitor Control Unit Tel Adapter Unit Satellite Radio Tuner
22	20	Console Power Socket Rear Power Socket
23	15	Blower Motor
24	15	Blower Motor
25	—	Spare
26	—	Spare
Relay		
R1	Ignition Relay	
R2	Rear Windows Defogger Relay	

R3	Accessory Relay
R4	Blower Relay

Fuse Box In The Engine Compartment (IPDM E/R)



Infiniti FX35 – fuse box diagram – engine compartment (IPDM E/R)

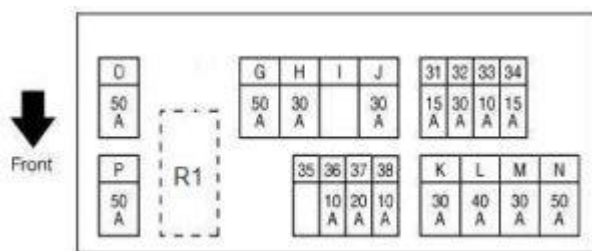
Number	A	Description
1	15	Fuel Pump Relay Fuel Pump Control Module Fuel Level Sensor Unit Fuel Pump Engine Control Module (ECM)
2	10	Cooling Fan Relay 2
3	10	Transmission Control Module (TCM) Snow Mode Switch

4	10	Fuel Injector No. 1 Fuel Injector No. 2 Fuel Injector No. 3 Fuel Injector No. 4 Fuel Injector No. 5 Fuel Injector No. 6 Fuel Injector No. 7 (VK engine) Fuel Injector No. 8 (VK engine) Engine Control Module (ECM) Body Control Module (BCM) Total Illumination Control Unit
5	10	ICC Sensor Integrated Unit Accelerator Pedal Actuator ABS Actuator And Electric Unit (Control Unit) Steering Angle Sensor Yaw Rate 1 Side G Sensor AWD Control Unit Power Steering Control Unit RAS Control Unit ICC Warning Chime Brake Booster Control Unit
6	15	Heated Oxygen Sensor 2 (Bank 2) Heated Oxygen Sensor 2 (Bank 1) Air Fuel Ratio (A/F) Sensor 1 (Bank 1) Air Fuel Ratio (A/F) Sensor 1 (Bank 2)
7	10	Combination Switch
8	—	—
9	10	A/C Relay Compressor

10	15	ECM Relay Engine Control Module (ECM) Condensor Intake Valve Timing Control Solenoid Valve Intake Valve Timing Control Solenoid Valve (Bank 1) Intake Valve Timing Control Solenoid Valve (Bank 2) Exhaust Valve Timing Control Solenoid Valve (Bank 1) Exhaust Valve Timing Control Solenoid Valve (Bank 2) EVAP Canister Vent Control Valve Ignition Coil No.1 (with Power Transistor) Ignition Coil No.2 (with Power Transistor) Ignition Coil No.3 (with Power Transistor) Ignition Coil No.4 (with Power Transistor) Ignition Coil No.5 (with Power Transistor) Ignition Coil No.6 (with Power Transistor) Ignition Coil No.7 (with Power Transistor; VK engine) Ignition Coil No.8 (with Power Transistor; VK engine) EVAP Canister Purge Volume Control Solenoid Valve Mass Air Flow Sensor (Bank 2) Mass Air Flow Sensor (Bank 1) VVEL Control Module
11	15	Throttle Control Motor Relay Engine Control Module (ECM)
12	10	Front Combination Lamp LH (Tail Lamp) Front Combination Lamp RH (Tail Lamp)
13	10	Rear Combination Lamp LH Rear Combination Lamp RH License Plate Lamp LH License Plate Lamp RH Glove Box Lamp Total Illumination Control Unit Front Power Socket ATT Shift Selector AV Control Unit

14	10	Front Combination Lamp LH (High Beam)
15	10	Front Combination Lamp RH (High Beam)
16	15	Headlamp LH (Low Beam)
17	15	Headlamp RH (Low Beam)
18	10	Front Fog Lamp Relay (Front Fog Lamp LH, Front Fog Lamp RH)
19	—	—
20	30	Front Wiper Relay
Relay		
R1	—	
R2	Starter Control Relay	

Fuse Box In The Engine Compartment (E12)



Infiniti FX35 – fuse box diagram – engine

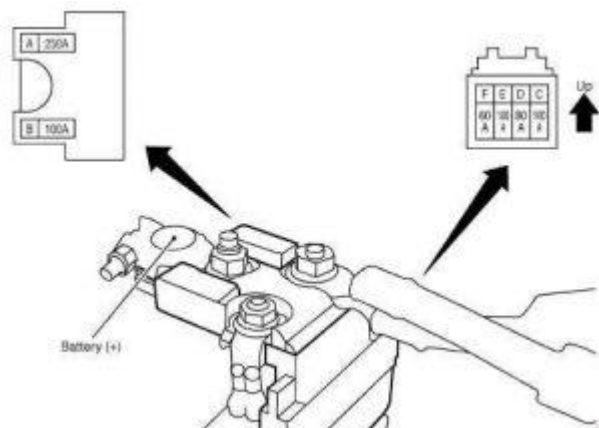
compartment (E12)

Number	A	Description
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31	15	Horn Relay 1 Alternator
32	30	Option Connector
33	10	AWD Control Unit Brake Booster Control Unit
34	15	Front Display Unit AV Control Unit Around View Monitor Control Unit Woofer Satellite Radio Tuner Tel Adapter Unit
35	—	—
36	10	Transmission Control Module (TCM)
37	20	RAS Motor Relay
38	10	Horn Relay 2
G	50	VVEL Actuator Motor Relay
H	30	Fuse Block J/B IPDM E/R
I	—	—
J	30	Pre-Crash Seat Belt Control Unit (Driver Side)

K	30	Pre-Crash Seat Belt Control Unit (Passenger Side)
L	40	Body Control Module (BCM) Automatic Drive Positioner Cont Driver Seat Control Unit Lumbar Support Switch Side Support Unit Power Seat Switch
M	30	ABS Actuator and Electronic Unit
N	50	ABS Actuator and Electronic Unit
O	50	Cooling Fan Relay 1
P	50	Fuse Block E213 – Fuse No.: Q (Automatic Back Door Control Unit), 61 (Accelerator Pedal Actuator), 62 (Climate Controlled Seat Relay), 63 (Climate Controlled Seat Relay, Heated Seat Relay)
Relay		
R1	Horn Relay 1	

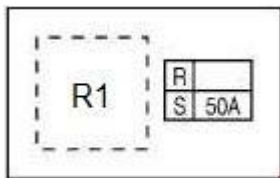
Fuse Block on Positive Battery Terminal



Infiniti FX35 – fuse box diagram – fuse block on positive battery terminal

Number	A	Description
A	250	Starter Motor Alternator Fuse No.: C, D, E
B	100	Fuse No.: O (Cooling Fan Relay 1), S (Cooling Fan Relay 2)
C	100	Fuse and Fusible Link Block
D	80	Fuse Block J/B (Fuse No.: 5, 6, 7, 8, 9, 10, 11) To Accessory Power Supply To Ignition Power Supply
E	100	IPDM E/R (Fuse No.: 10, 11) To Ignition Power Supply
F	60	IPDM E/R (Fuse No.: 18 (Front Fog Lamp Relay); Headlamp High Relay, Headlamp Low Relay, Tail Lamp Relay) To Ignition Power Supply

Fuse Box In The Engine Compartment (E212; VK engine)

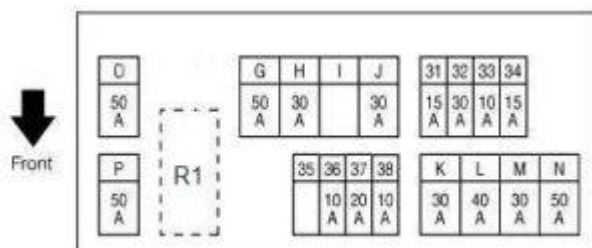


Infiniti FX35 – fuse box diagram – engine compartment (E212, VK engine)

Number	A	Description

R	—	—
S	50	Cooling Fan Relay 2
Relay		
R1	Cooling Fan Relay 2	

Fuse Box In The Engine Compartment (E213)



Infiniti FX35 – fuse box diagram – engine

compartment (E213)

Number	A	Description
61	15	Accelerator Pedal Actuator
62	15	Climate Controlled Seat Relay
63	10	Climate Controlled Seat Relay Heated Seat Relay
Q	30	Automatic Back Door Control Unit
Relay		
R6	Horn Relay 2	

R8	ICC Brake Hold Relay
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