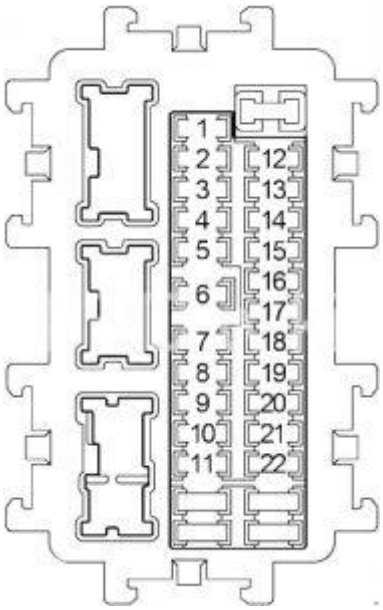
Infiniti QX50 2007 – 2017 fuse box diagram

Passenger Compartment Fuse Box

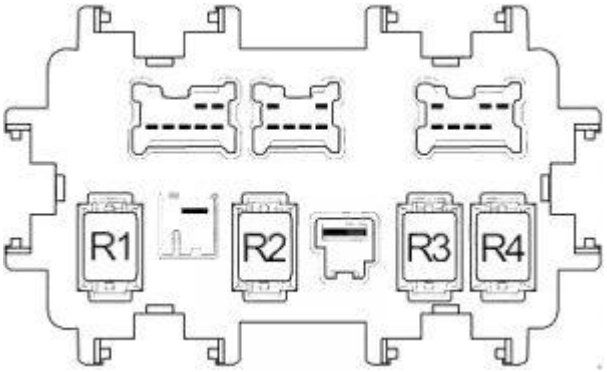


Infiniti QX50 – fuse box diagram – passenger compartment

No.	A	Circuit Protected
1	–	–
2	10	Air Bag Diagnosis Sensor Unit, Occupant Classification System Control Unit
3	10	Headlamp Aiming Motor RH and LH, Shift Lock Relay, Automatic Speed Control Device (ASCD) Brake Switch, Intelligent Cruise Control (ICC) Brake Switch, Adaptive Front Lighting System (AFS) Control Unit, AFS Switch, Data Link Connector, LDW Switch, Sonar Control Unit, Lane Departure Warning Buzzer, Unified Meter and Air Conditioner Amplifier, Heated Seat Relay, AV Control Unit, Sonar Cancel Switch, Around View Monitor Control Unit, Buzzer, Tel Adapter Unit, Compressor, Auto Anti-Dazzling Inside Mirror, Lane Camera Unit, Stop Lamp Switch, Warning System Switch, Ionizer, Exhaust Gas / Outside Odor Detecting Sensor
4	10	Combination Meter, Back-Up Lamp Relay

5	–	–
6	10	Key Slot, Intelligent Key Warning Buzzer, Data Link Connector, Unified Meter Air Conditioner Amplifier, Rear Seatback Power Return Control, Rear Seatback Release Relay (LH), Rear Seatback Release Relay (RH), Clock, Auto Anti-Dazzling Inside Mirror, Around View Monitor Control Unit, Dispaly Unit, Tel Adapter Unit, Satellite Radio Tuner, Daytime Running Light Relay, Combination Meter
7	10	Stop Lamp Switch, BCM (Body Control Module), Intelligent Cruise Control (ICC) Brake Hold Relay
8	20	BOSE Amplifier
9	10	Key Slot, Push-Button Ignition Switch
10	10	Seat Memory Switch, Automatic Drive Positioner Control Unit, Driver Seat Control, Door Mirror, BCM (Body Control Module)
11	10	Combination Meter, All Wheel Drive (AWD) Control Unit, Unified Meter Air Conditioner Amplifier
12	–	–
13	10	Door Mirror Defogger
14	20	Rear Window Defogger
15	20	Rear Window Defogger
16	–	–
17	–	–

18	15	Front Power Socket
19	10	Combination Meter, Unified Meter and Air Conditioner Amplifier, Display Unit, Multifunction Switch, AV Control Unit, iPod Adapter, BCM (Body Control Module), Sonar Control Unit, Tel Adapter Unit, Camera Control Unit, Door Mirror Remote Control Switch, Satellite Radio Tuner, Around View Monitor Control Unit
20	15	’07-’12: Console Power Socket
	20	’13-’17: Console Power Socket
21	15	Blower Motor
22	15	Blower Motor

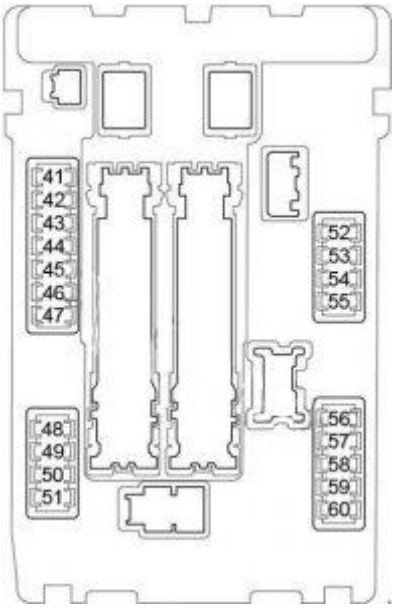


Infiniti QX50 – fuse box diagram – passenger compartment

No.	Relay
R1	Ignition
R2	Rear Window Defogger
R3	Accessory

R4	Front Blower

Engine Compartment Fuse Box No. 1



.Infiniti QX50 – fuse box diagram – engine compartment box 1

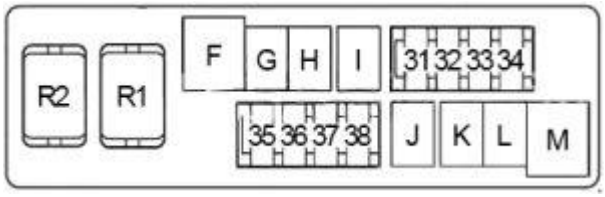
No.	A	Circuit Protected
41	15	Fuel Pump Relay
42	10	Cooling Fan Relay
43	10	Snow Mode Switch, Transmission Control Module (TCM)
44	10	Injectors, Engine Control Module (ECM), BCM (Body Control Module)
45	10	ABS, Intelligent Cruise Control (ICC) Sensor Integrated Unit, Steering Angle Sensor, Yaw Rate / Side G Sensor, Power Steering Control Unit, All Wheel Drive (AWD) Control Unit, Brake Booster Control Unit, Blind Spot Warning (BSW) Control Module, Side Radar LH/RH
46	15	Air Fuel Ratio Sensors, Heated Oxygen Sensors

47	10	Combination Switch
48	10	’07-’12: Steering Lock Relay
49	10	Air Conditioner Relay
50	15	Engine Control Module Relay (Intake Valve Timing Control Solenoid Valve, Condenser, Ignition Coils, Engine Control Module, Mass Air Flow Sensor, EVAP Canister Purge Volume Control Solenoid Valve, Exhaust Valve Timing Control Magnet Retarder, EVAP Canister Vent Control Valve, Variable Valve Event and Lift (VVEL) Control Module)
51	15	Throttle Control Motor Relay
52	10	Fron Combination Lamp
53	10	Rear Combination Lamp, License Plate Lamp, VDC Off Switch, Adaptive Front Lighting System (AFS) Switch, LDW Switch, Combination Switch (Spiral Cable), Clock, AV Control Unit, Glove Box Lamp, Control Device, Sonar Cancel Switch, Around View Monitor Control Unit, Power Return Switch (LH and RH), Snow Mode Switch, Heated Seat Switch (Driver Side and Passenger Side), Door Mirror Remote Control Switch, Roof Module (Console Lamp), Warning System Switch, Front Power Socket, IBA Off Switch, , Multifunction Switch
54	10	Headlamp High LH
55	10	Headlamp High RH
56	15	Headlamp Low LH
57	15	Headlamp Low RH

58	15	’07-’12: Front Fog Lamp Relay
	10	’13-’15: Front Fog Lamp Relay
	15	’16-’17: Front Fog Lamp Relay
59	10	’16-’17: Daytime Running Light Relay
60	30	Front Wiper Relay

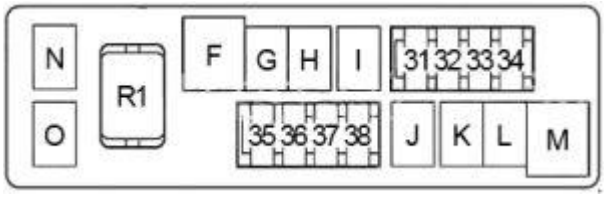
Engine Compartment Fuse Box No.2

2007 – 2016



Infiniti QX50 – fuse box diagram – engine compartment box 2

2017



Infiniti QX50 – fuse box diagram – engine compartment box 2

Main Fusible Link

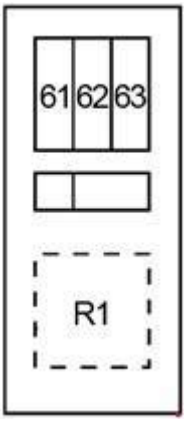
No.	A	Circuit Protected
31	15	Horn Relay, Generator
32	30	Rear Seatback Power Return Control, Rear Seatback Release Relay (LH), Rear Seatback Release Relay (RH)

33	10	All Wheel Drive (AWD) Control Unit
34	15	Audio, AV Control Unit, iPod Adapter, Around View Monitor Control Unit, Woofer, Camera Control Unit, Tel Adapter Unit, Satellite Radio Tuner, Woofer
35	15	Heated Seat Relay
36	10	Transmission Control Module (TCM)
37	10	’13-’17: Horn Relay 2
38	15	’07-’12: Horn Relay 2
F	50	Cooling Fan Relay
G	30	Ignition Relay (Fuse: “2”, “3”, “4”), IPDM E/R
H	40	Fuse: “61”, “63
I	–	–
J	–	–
K	40	BCM (Body Control Module), Circuit Breaker (Automatic Drive Positioner Control Unit, Driver Seat Control, Lumbar Support Switch)
L	30	ABS
M	50	ABS

N	50	’13-’17: Variable Valve Event and Lift (VVEL) Actuator Motor Relay
O	–	’13-’17: –
Relay		
R1	Horn	
R2	Shift lock	

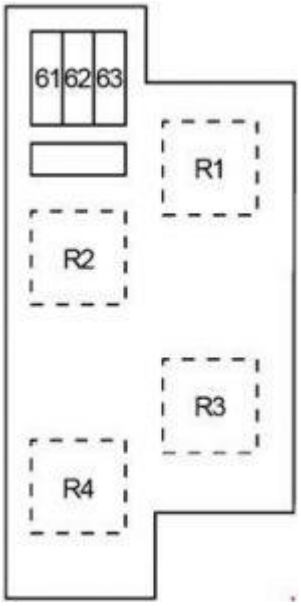
Engine Compartment Fuse Box No.3

2013 – 2015



Infiniti QX50 – fuse box diagram – engine compartment box 3

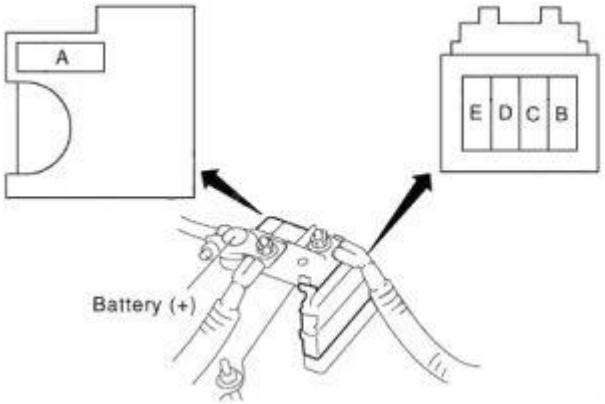
2016 – 2017



Infiniti QX50 – fuse box diagram – engine compartment box 3

No.	A	Circuit Protected
61	10	Accelerator Pedal Actuator
62	–	–
63	10	Brake Booster Control Unit
Relay		
R1	’13-’15: Cooling Fan	
	’16-’17: Daytime Running Light	
R2	Intelligent Cruise Control (ICC) Brake Hold	
R3	–	
R4	Horn (No.2)	

Fusible Link Block



Infiniti QX50 – fuse box diagram – fusible link block

No.	A	Circuit Protected
A	140	Generator, Fuse: “B”, “C”
B	100	Fuse: “F”, “G”, “K”, “L”, “M”, “N”, “31”, “32”, “33”, “34”, “35”, “36”, “37”, “38”
C	80	Ignition Relay (Fuse: “41”, “42”, “43”, “44”, “45”, “46”, “47”), Fuse: “48”, “49”, “50”, “51”
D	60	Headlamp High Relay (Fuse: “54”, “55”), Headlamp Low Relay (Fuse: “56”, “57”), Tail Lamp Relay (Fuse: “52”, “53”), Fuse: “58”, “59”, “60”
E	80	Accessory Relay (Fuse: “18”, “19”, “20”), Rear Window Defogger Relay (Fuse: “13”, “14”, “15”), Blower Relay (Fuse: “21”, “22”), Fuse: “6”, “7”, “9”, “10”, “11”