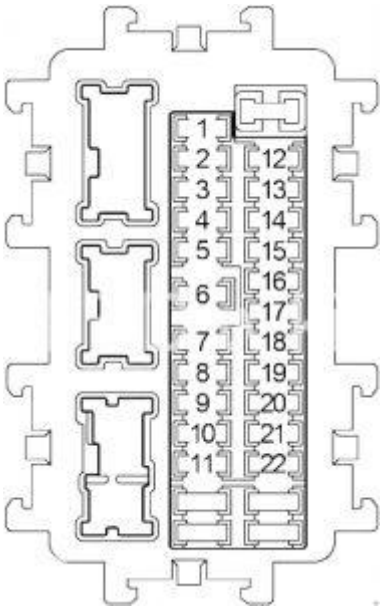
Infiniti QX80 2010 – 2017 fuse box diagram

Passenger Compartment Fuse Box

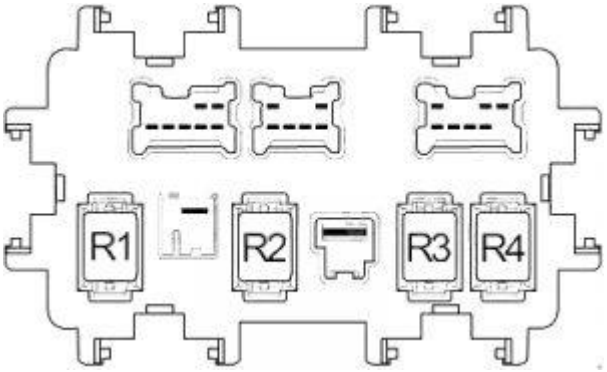


Infiniti QX80 – fuse box diagram – passeneger compartment

No.	A	Circuit Protected
1	10	Combination Switch
2	10	Air Bag Diagnosis Sensor Unit, Occupant Classification System Control Unit
3	10	Intelligent Cruise Control (ICC) Brake Switch, Automatic Speed Control Device (ASCD) Brake Switch, Stop Lamp Switch, Headlamp Aiming Motor LH/RH, Data Link Connector, Steering Angle Sensor, Combination Meter, Heated Steering Wheel Switch, Low Tire, Pressure Warning Control Unit, Power Steering Control Unit, CAN Gateway, Triple Switch (APS Switch), Adaptive Front Lighting System (AFS) Control Unit, AC 120V Outlet Main Switch, Climate Controlled Seat Relay
4	10	Rear A/C Control, Around View Monitor Control Unit, A/C Auto Amplifier, Ionizer, AV Control Unit, Rear A/C Relay, Exhaust Gas / Outside Door Detecting Sensor, Automatic Back Door Control Module, Auto Anti-Dazzling Inside Mirror, Sonar Control Unit (’14-’17), Telematics Control Module (TCU (’14-’17))

5	15	BOSE Amplifier
6	10	Data Link Connector, Clock, Second Seat Power Unlock Switch LH/RH, Intelligent Key Warning Buzzer, Pre-crash Seat Belt Control Unit, Lights Rain Sensor, Auto Anti-dazzling Inside Mirror, Combination Meter ('14-'17)
7	10	Stop Lamp Switch, Body Control Module (BCM), Intelligent Cruise Control (ICC) Brake Hold Relay, Electric Brake
8	15	BOSE Amplifier
9	10	Around View Monitor Control Unit, A/C Auto Amplifier, Automatic Back Door Control Module, Reclining Switch LH/RH, Fold Down Switch LH/RH, Automatic Back Door Warning Buzzer
10	10	Push-Button Ignition Switch, Seat memory Switch, Body Control Module (BCM)
11	10	Combination Meter ('10-'13), CAN Gateway
12	20	Accessory Relay No.2
13	10	4WD Switch, Snow Mode / Tow Mode / VDC off Switch Assembly
14	15	Second Heated Seat Switch LH/RH
15	15	Front Heated Seat Switch LH/RH
16	20	Rear Blower Relay
17	–	–
18	20	'10-'13: Console Power Socket

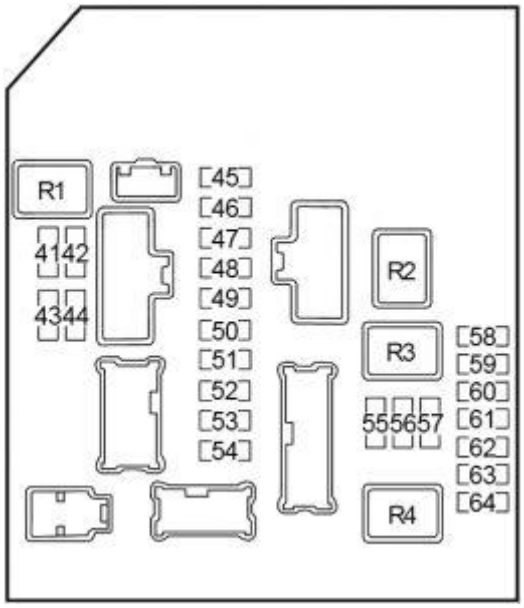
19	10	Door Mirror Remote Control Switch (’10-’13), Sonar Control Unit (’10-’13), Around View Monitor Control Unit, A/C Auto Amplifier, Multifunction Switch, AV Control Unit, Front Display Unit, Video Distributor, Power Window Main Switch (’14-’17), BOSE Amplifier (’14-’17), Telematics Control Module (TCU (’14-’17)), Telematics Switch (’14-’17)
20	20	Front Power Socket, Luggage Room Power Socket, Accessory Relay No.2
21	15	Front Blower Motor
22	15	Front Blower Motor



Infiniti QX80 – fuse box diagram – passeneger compartment

No.	Relay
R1	Ignition
R2	Ignition No.2
R3	Accessory
R4	Blower

Engine Compartment Fuse Box No.1



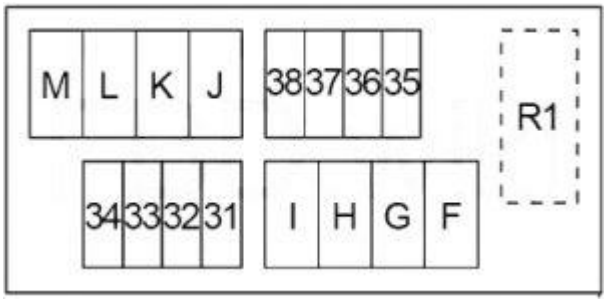
Infiniti QX80 – fuse box diagram – engine compartment

No.	A	Circuit Protected	
41	15	Rear Window Defogger Relay	
42	15	Rear Window Defogger Relay	
43	20	Engine Control Module (ECM), NATS Antenna Amplifier, ECM Relay (Mass Air Flow Sensor, Evap Canister Purge Volume Control Solenoid Valve, Variable Valve Event and Lift (VVEL) Control Module, Intake Valve Timing Control Solenoid Valve, Air Fuel Ratio (A/F) Sensor, Heated Oxygen Sensor, Fuel Return Valve, EVAP Canister Vent Control Valve, Injector Relay (’14-’17))	
44	10	Steering Lock Relay	
45	30	Front Wiper Relay	
46	10	Trailer Tail Lamp Relay, Rear Combination Lamp LH, Tail Lamp RH/LH, License Plate Lamp	

47	10	Glove Box Lamp, Climate Controlled Seat Switch, Rear A/C Control, Around View Monitor Control Unit, Heated Steering Wheel Switch, 4WD Switch Assembly, A/T Shift Selector, Multifunction Switch, Front Heated Seat Switch< Second Heated Seat Switch LH/RH, Clock, Second Seat Power Unlock Switch LH/RH, Electric Brake, AC 120V Outlet Main Switch, Console Power Socket (Cup Holder), Snow Mode / Tow Mode / Vdc Off Switch Assembly, Headlamp Aiming Switch, Door Mirror Remote Control Switch, Combination Switch (Spiral Cable), Hazard Switch, Trip Reset and Illumination Control Switch, Trip Computer Switch, Automatic Back Door Main Switch, Triple Switch, Twin Switch, Rear Combination Lamp RH, Mood Lamp Front Door Grip, Mood Lamp Rear Door Grip, Map Lamp, Telematics Sswitch	
48	–	–	
49	10	A/C Relay	
50	15	Front Fog Lamp	
51	10	Right Headlamp (High Beam)	
52	10	Left Headlamp (High Beam)	
53	15	Left Headlamp (Low Beam)	
54	15	Right Headlamp (Low Beam)	
55	10	Back-Up Lamp Relay, Trailer Power Relay, Transmission Control Module (TCM)	
56	10	Transfer Control Unit	
57	10	ABS, Stop Lamp Relay, Yaw Rate / Side / Decel G Sensor	

58	–	–	
59	–	–	
60	15	’10-’13: Injector Relay	
61	15	Ignition Coils, Condenser	
62	10	Engine Control Module (ECM)	
63	–	–	
64	20	Throttle Control Motor Relay	
Relay			
R1	Rear Window Defogger		
R2	Ignition No.3		
R3	Ignition No.2		
R4	Ignition		

Engine Compartment Fuse Box No. 2

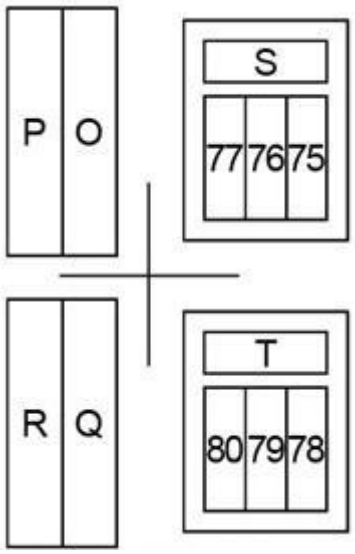


Infiniti QX80 – fuse box diagram – engine compartment box no. 2

No.	A	Circuit Protected
31	15	Horn Relay
32	10	Alternator
33	10	Accelerator Pedal Actuator
34	10	Transfer Control Unit
35	15	AV Control Unit, Front Display Unit, Video Distributor, Headrest Display Unit LH/RH, Telematics Control Module (TCU ('14-'17))
36	10	Vehicle Security Horn Relay
37	10	IPDM (Ignition Relay No.2 (Air Levelizer Control Module), Ignition Relay No.3 (Warning Buzzer, Twin Switch (Warning Systems Switch), Intelligent Cruise Control (ICC) Brake Hold Relay, Intelligent Cruise Control (ICC) Sensor, Accelerator Pedal Actuator, Advanced Driver Assistance Systems (ADAS) Control Unit, Side Radar LH/RH, Lane Camera Unit)
38	10	Transmission Control Module (TCM)
F	40	Electric Brake, Fuse: "T", "V", "79", "84", "85", "86"
G	40	Ignition Relay No.1 (Fuse: "1", "2", "3", "4", "16"), Fuse: "12", "81", "82", "83", "U"
H	40	IPDM
I	30	Air Compressor Relay

J	30	Transfer Control Unit
K	50	Body Control Module (BCM), Circuit Breaker (Automatic Drive Positioner Control Unit, Driver Seat Control Unit, Lumbar Support Switch)
L	30	ABS
M	50	ABS
Relay		
R1	Horn	

Engine Compartment Additional Fuse Holders

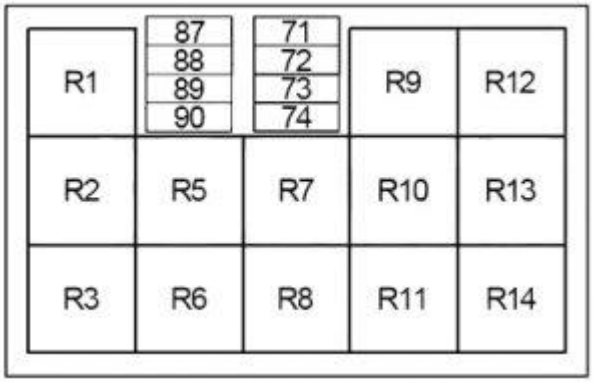


Infiniti QX80 – fuse box diagram – engine compartment additional fuse holder

No.	A	Circuit Protected
P	50	Ignition Relay (Fuse: “71”, “72”, “73”, “74”)
O	50	Variable Valve Event and Lift (VVEL) Actuator Motor Relay

R	50	Fuse: “T”, “79”
Q	50	’10-’13: Fuse: “S”, “75”, “76”, “77”
	50	’14-’17: Fuse: “S”, “75”, “76”, “77”, “87”, “88”, “89”, “90”
75	15	Wiper Deicer Relay
76	10	Heated Steering Wheel Relay
77	30	Pre-Crash Seat Belt Control Unit
S	30	Second Row Seats (Power Unlock Relay LH/RH, Up Relay 2 LH/RH, Down Relay 2 LH/RH)
78	–	–
79	30	Inverter Unit
80	10	Wiper Deicer Relay, Door Mirror
T	30	Automatic Back Door Control Module

Engine Compartment Relay Box No.1

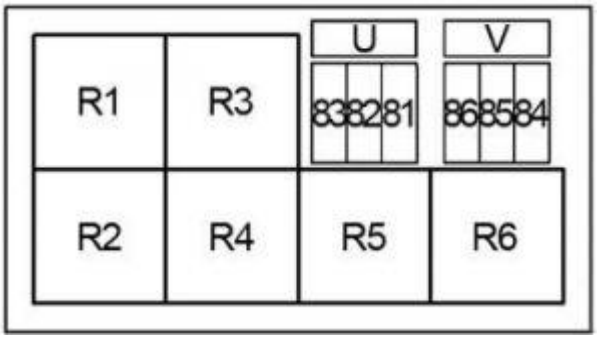


Infiniti QX80 – fuse box diagram – engine compartment relay box no. 1

No.	A	Circuit Protected
71	30	Engine Control Module (ECM)
72	10	Electrically Controlled Cooling Fan Coupling
73	15	Fuel Pump Control Module
74	10	ABS
87	15	’14-’17: Injector Relay
88	10	’14-’17: Daytime Running Light Relay
89	10	’14-’17: Daytime Running Light Relay
90	10	’14-’17: Daytime Running Light Relay
Relay		
R1	Remote Engine Start	

R2	–
R3	’10-’13: Vehicle Security Horn
	’14-’17: Daytime Running Light
R4	–
R5	–
R6	Back-Up Lamp
R7	Heated Steering Wheel
R8	Intelligent Cruise Control (ICC) Brake Hold
R9	Wiper Deicer
R10	Rear A/C
R11	Stop Lamp
R12	Air Compressor
R13	Ignition
R14	Variable Valve Event and Lift (VVEL) Actuator Motor

Engine Compartment Relay Box No.2

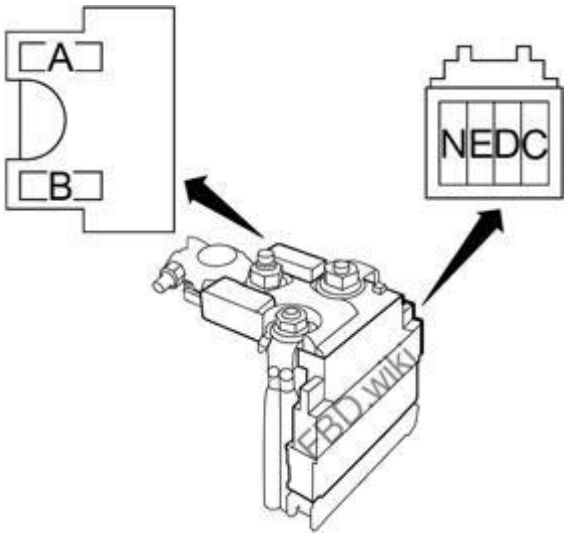


Infiniti QX80 – fuse box diagram – engine compartment relay box no. 2

No.	A	Circuit Protected
81	15	Climate Controlled Seat Relay
82	15	Climate Controlled Seat Relay
83	30	Pre-Crash Seat Belt Control Unit
84	15	Trailer Turn Signal Lamp (LH) Relay, Trailer Turn Signal Lamp (RH) Relay
85	10	Back-Up Lamp Relay
86	10	Trailer Tail Lamp Relay
U	30	Headlamp Washer Relay
V	30	Trailer Power Relay
Relay		
R1	Climate Controlled Seat	

R2	Trailer Turn Signal Lamp (RH)
R3	Headlamp Washer
R4	Trailer Turn Signal Lamp (LH)
R5	Trailer Tail Lamp
R6	Trailer Power

Fusible Link Block



Infiniti QX80 – fuse box diagram – fusible link block

No.	A	Circuit Protected
A	140	Alternator, Fuse: “C”, “D”, “E”
B	80	Fuse: “O”, “P”, “Q”, “R”
C	100	Ignition Relay (Front Wiper High Relay, Fuse: “55”, “56”, “57”, “60”, “61”, “62”), Fuse: “41”, “42”, “43”, “44”, “64”

D	80	Accessory Relay (Fuse: “18”, “19”, “20”), Ignition Relay No.2 (Fuse: “13”, “14”, “15”), Blower Relay (Fuse: “21”, “22”), Fuse: “5”, “6”, “7”, “8”, “9”, “10”, “11”
E	80	Fuse: “31”, “32”, “33”, “34”, “35”, “36”, “37”, “38”, “F”, “G”, “H”, “I”, “J”, “K”, “L”, “M”
N	60	Headlamp High Relay (Fuse: “51”, “52”), Headlamp Low Relay (Fuse: “53”, “54”), Tail Lamp Relay (Fuse: “46”, “47”), Front Fog Lamp Relay (Fuse: “50”), Fuse: “45”, “49”