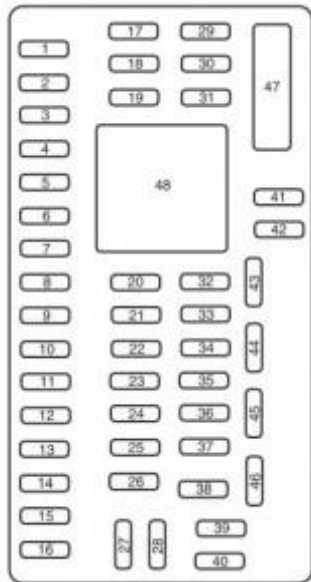


Mercury Milan Hybrid 2010 – 2011 fuse box diagram

Passenger compartment fuse panel



Mercury Milan (2010 revision) – fuse box – passenger compartment

The fuse panel is located below and to the left of the steering wheel by the brake pedal. Remove the panel cover to access the fuses.

Fuse/relay	Ampere rating [A]	Protected circuits

1	30	Driver smart window motor
2	15	Brake on/off switch, Center high-mounted stop lamp
3	15	HEV battery fan
4	30	110V Inverter
5	10	Keypad illumination, Brake shift interlock
6	20	Turn signal lamps
7	10	Low beam headlamps (left)
8	10	Low beam headlamps (right)
9	15	Courtesy lamps

10	15	Backlighting, Puddle lamps
11	10	AWD module
12	7,5	Power outside mirrors
13	5	SYNC module
14	10	Electronic finish panel (EFP) radio and climate control buttons module, Navigation display, Center information display, GPS module
15	10	Climate control
16	15	Not used (spare)
17	20	Door locks, Trunk release
18	20	Heated seats

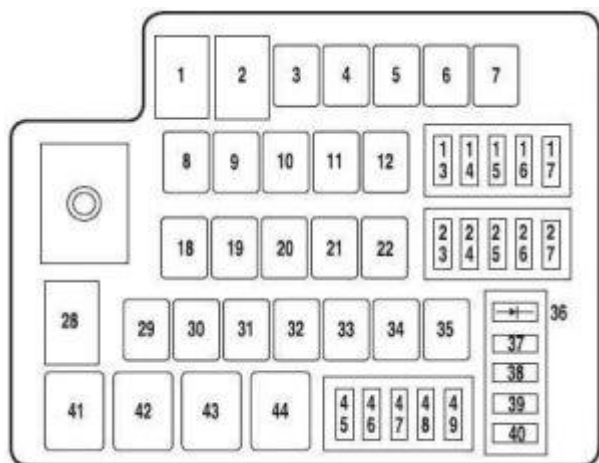
19	25	Amplifier
20	15	On-board diagnostic connector
21	15	Fog lamps
22	15	Front sidemarker lamps, Park lamps, License plate lamp
23	15	High beam headlamps
24	20	Horn
25	10	Demand lamps/power saver relay
26	10	Instrument cluster battery power
27	20	Ignition switch

28	5	Radio crank sense circuit
29	5	Instrument cluster ignition power
30	5	Not used (spare)
31	10	Not used (spare)
32	10	Restraint control module
33	10	Not used (spare)
34	5	Not used (spare)
35	10	Reverse sensing system, Blind spot information system, Heated seats, Rearview camera, 110V inverter, AWD
36	5	Passive anti-theft sensor (PATS) transceiver

37	10	Humidity sensor
38	20	Subwoofer amplifier
39	20	Radio
40	20	Not used (spare)
41	15	Automatic dimming mirror, Moon roof, Compass, Ambient lighting
42	10	Electronic stability control, Electronic power assist steering
43	10	Rain Sensor
44	10	Fuel diode/Powertrain control module
45	5	Heated backlight and blower relay coil, Wiper washer

46	7,5	Occupant classification sensor (OCS) module, Passenger airbag off lamp
47	30 Circuit Breaker	Power windows
48	RELAY	Delayed accessory relay

Engine Compartment Fuse Box



Mercury Milan Hybrid – fuse box diagram – engine compartment

Fuse/relay	[A]	Protected circuits
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1	50	Electronic power assist steering B+
2	50	Electronic power assist steering B+
3	40*	Powertrain control module (PCM) (relay 5 power)
4	—	Not used
5	—	Not used
6	40	Rear defrost (aux relay 4 power)
7	40	Vacuum pump (aux relay 6 power)
8	50	Brake system controller pump
9	20	Wiper washer

10	30	Brake system controller valves
11	—	Not used
12	—	Not used
13	15	Motor electronics coolant/heater pump (relay 42 & 44 power)
14	—	Not used
15	—	Not used
16	—	Not used
17	10	HEV high voltage battery module
18	30	110V electrical outlet

19	—	Not used
20	—	Not used
21	—	Not used
22	20	Console power point
23	10	Powertrain control module/ Transmission control module keep-alive power, Canister vent
24	—	Not used
25	—	Not ysed
26	15	Left headlamp (aux relay 1 power)
27	15	Right headlamp (aux relay 2 power)

28	60	Cooling fan motor
29	20*	Front power point
30	30	Fuel relay (relay 43 power)
31	30	Passenger power seat
32	30	Driver power seat
33	20	Moon roof
34	—	Not used
35	40	Front A/C blower motor (aux relay 3 power)
36	1A Diode	Fuel pump

37	5	Vacuum pump monitoring
38	10	Heated side mirrors
39	10	Transmission control module
40	10	Powertrain control module
41	RELAY	Backup lamps
42	RELAY	Heater pump
43	RELAY	Fuel pump
44	RELAY	Motor electronics coolant pump
45	15	Injectors

46	15	Coil on plugs
47	10	Powertrain control module (general): Heater pump, Motor electronics coolant pump relay coils, DC/DC converter, Back-up lamps, Brake controller
48	20	HEV high voltage battery module, Fuel pump relay
49	15	Powertrain control module (emissions related)

Auxiliary relay box (only Hybrid)

The auxiliary relay box is located in front of the radiator in the engine compartment



Mercury Milan Hybrid – fuse box diagram – auxiliary relay box

Fuse/relay	Protected circuits
1	Left headlamp

2	Right headlamp
3	Blower motor
4	Rear window defogger
5	Powertrain control module
6	Vacuum pump cut-off
7	Vacuum pump