

# Vauxhall Ampera 2011 – 2014 fuse box diagram

## Engine compartment fuse box

The fuse box is in the front left of the engine compartment. To open the fuse block cover, press the clips at the front and back and rotate the cover up to the side.



Vauxhall Ampera – fuse box – engine compartment

| Mini fuse | Usage                                  |
|-----------|----------------------------------------|
| 1         | Engine control module – switched power |
| 2         | Emissions                              |
| 3         | —                                      |
| 4         | Ignition coils / Injectors             |
| 5         | Column lock                            |
| 6a        | —                                      |

|    |                                                                          |
|----|--------------------------------------------------------------------------|
| 6b | —                                                                        |
| 7  | —                                                                        |
| 8  | —                                                                        |
| 9  | Heated mirrors                                                           |
| 10 | Air conditioning control module                                          |
| 11 | Traction power inverter module – Battery                                 |
| 12 | —                                                                        |
| 13 | Cabin heater pump and valve                                              |
| 14 | Theft deterrent – Power sounder                                          |
| 15 | Traction power inverter module and transmission control module – Battery |
| 17 | Engine control module – Battery                                          |
| 22 | Left high-beam headlight                                                 |
| 24 | —                                                                        |
| 25 | —                                                                        |
| 26 | Theft deterrent – Horn                                                   |

|    |                                                                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31 | —                                                                                                                                                     |
| 32 | Run/Crank — Sensing diagnostic module, instrument cluster, passenger airbag display, headlight level switch, automatic dimming inside rearview mirror |
| 33 | Run/Crank — Vehicle integration control module                                                                                                        |
| 34 | Vehicle integration control module — Battery                                                                                                          |
| 35 | —                                                                                                                                                     |
| 36 | Power electronics coolant pump                                                                                                                        |
| 37 | Cabin heater control module                                                                                                                           |
| 38 | Rechargeable energy storage system (high voltage battery) coolant pump                                                                                |
| 39 | Rechargeable energy storage system (high voltage battery) control module                                                                              |
| 40 | Front windscreen washer                                                                                                                               |
| 41 | Right high-beam headlight                                                                                                                             |
| 46 | —                                                                                                                                                     |
| 47 | —                                                                                                                                                     |
| 49 | —                                                                                                                                                     |

|    |                                                                                                         |
|----|---------------------------------------------------------------------------------------------------------|
| 50 | Run/Crank — Rear view camera, accessory power module, tyre pressure monitor, headlight levelling motors |
| 51 | Run/Crank for ABS/ Rechargeable energy storage system (high voltage battery)                            |
| 52 | Engine control module/ transmission control module — Run/Crank                                          |
| 53 | Traction power inverter module — Run/Crank                                                              |
| 54 | Run/Crank — Fuel system control module, air conditioning control module, on-board charger               |

| J-case fuses | Usage                                         |
|--------------|-----------------------------------------------|
| 16           | —                                             |
| 18           | —                                             |
| 19           | Front power window                            |
| 20           | —                                             |
| 21           | Antilock brake system electronic control unit |
| 23           | Charge port door                              |
| 27           | —                                             |
| 28           | —                                             |

|    |                             |
|----|-----------------------------|
| 29 | —                           |
| 30 | Antilock brake system motor |
| 42 | Right cooling fan           |
| 43 | Front wipers                |
| 44 | Charger                     |
| 45 | —                           |
| 48 | Left cooling fan            |

| Mini relays | Usage          |
|-------------|----------------|
| 3           | Powertrain     |
| 4           | Heated mirrors |
| 7           | —              |
| 9           | —              |
| 11          | —              |
| 12          | —              |

|    |           |
|----|-----------|
| 13 | —         |
| 14 | Run/Crank |

| Micro relays | Usage |
|--------------|-------|
| 1            | —     |
| 2            | —     |
| 6            | —     |
| 8            | —     |
| 10           | —     |

| Ultra-micro relays | Usage            |
|--------------------|------------------|
| 5                  | Charge port door |

Instrument panel fuse box on the left side end



Vauxhall Ampera – fuse box- instrument panel (left side)

| Fuse<br>s | Usage                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------|
| F1        | Power outlet – Top of IP storage bin                                                                      |
| F2        | Radio                                                                                                     |
| F3        | Instrument cluster (left hand drive)                                                                      |
| F4        | Infotainment display                                                                                      |
| F5        | Heating, ventilation & air conditioning/ Integrated centre stack switches                                 |
| F6        | Airbag (Sensing diagnostic module)                                                                        |
| F7        | Left primary data link connector (left hand drive), Left secondary data link connector (right hand drive) |

|     |                                                                                                                                                                                                                                                                          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F8  | Column lock (left hand drive)                                                                                                                                                                                                                                            |
| F9  | Hands-free phone                                                                                                                                                                                                                                                         |
| F10 | Body control module 1/Body control module electronics/ Remote entry/Power moding/ Centre high- mounted stoplight/ Number plate lights/Left daytime running light/Left position lights/ Tailgate release relay control/ Washer pump relay control/Switch indicator lights |
| F11 | Body control module 4/Left headlight                                                                                                                                                                                                                                     |
| F12 | Blower (left hand drive)                                                                                                                                                                                                                                                 |
| F13 | —                                                                                                                                                                                                                                                                        |
| F14 | —                                                                                                                                                                                                                                                                        |
| F15 | Power outlet (Inside floor console/Rear of floor console)                                                                                                                                                                                                                |
| F16 | —                                                                                                                                                                                                                                                                        |
| F17 | —                                                                                                                                                                                                                                                                        |
| F18 | —                                                                                                                                                                                                                                                                        |

| Relays | Usage                                            |
|--------|--------------------------------------------------|
| R1     | Retained accessory power relay for power outlets |
| R2     | —                                                |

|    |                                                              |
|----|--------------------------------------------------------------|
| R3 | —                                                            |
| R4 | Deadbolt (left hand drive), Child lockout (right hand drive) |

|       |       |
|-------|-------|
| Diode | Usage |
| DIODE | —     |

#### Instrument panel fuse box on the right side end

The right instrument panel fuse box is located on the right side end of the instrument panel. To access the fuses, open the fuse panel door by pulling out.



Vauxhall Ampera – fuse box – instrument panel (right side)

|           |                                    |
|-----------|------------------------------------|
| Fuse<br>s | Usage                              |
| F1        | Steering wheel switch backlighting |
| F2        | Column lock (right hand drive)     |

|     |                                                                                                                                                                     |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F3  | Cluster (right hand drive)                                                                                                                                          |
| F4  | Body control module 3/Right headlight                                                                                                                               |
| F5  | Body control module 2/Body control module electronics/ Tail light/Right daytime running light/ Shifter lock/ Switch backlighting/Rear fog light                     |
| F6  | Body control module 5/ Retained accessory power relay control/Right front turn signal light/Left rear stop and turn signal light/Right position lights/Remote PRNDL |
| F7  | Body control module 6/Map lights/Courtesy lights/ Reversing lights                                                                                                  |
| F8  | Body control module 7/Left front turn signal/Right rear stop and turn signal light/ Child security lock relay control                                               |
| F9  | Body control module 8/Locks                                                                                                                                         |
| F10 | Right secondary data link connector (left hand drive), Right primary data link connector (right hand drive)                                                         |
| F11 | Intrusion and inclination sensor                                                                                                                                    |
| F12 | Blower motor (left hand drive)                                                                                                                                      |
| F13 | —                                                                                                                                                                   |
| F14 | —                                                                                                                                                                   |
| F15 | —                                                                                                                                                                   |
| F16 | —                                                                                                                                                                   |

|     |   |
|-----|---|
| F17 | — |
| F18 | — |

| Relays | Usage                                                        |
|--------|--------------------------------------------------------------|
| R1     | —                                                            |
| R2     | —                                                            |
| R3     | —                                                            |
| R4     | Deadbolt (right hand drive), Child lockout (left hand drive) |

| Diode | Usage |
|-------|-------|
| DIODE | —     |

Load compartment fuse box



Vauxhall Ampera – fuse box -load compartment

| Fuse<br>s | Usage                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------|
| F1        | —                                                                                                             |
| F2        | Fuel system control module                                                                                    |
| F3        | Passive start/ Passive entry module                                                                           |
| F4        | Heated seats                                                                                                  |
| F5        | Driver door switches (Outside rearview mirror/ Charge port door release/ Refuel request/Driver window switch) |
| F6        | Fuel (Diurnal valve and evap. leak check module)                                                              |
| F7        | Accessory power module cooling fan                                                                            |
| F8        | Amplifier                                                                                                     |

|     |                                                                    |
|-----|--------------------------------------------------------------------|
| F9  | Digital audio broadcast                                            |
| F10 | Regulated voltage control/ Ultrasonic front and rear parking assis |
| F11 | Horn                                                               |
| F12 | Rear power windows                                                 |
| F13 | Electrical parking brake                                           |
| F14 | Rear defog (Upper grid)                                            |
| F15 | —                                                                  |
| F16 | Tailgate release                                                   |
| F17 | —                                                                  |
| F18 | —                                                                  |

| Relays | Usage                   |
|--------|-------------------------|
| R1     | Rear defog (Upper grid) |
| R2     | Tailgate release        |
| R3     | —                       |

|    |      |
|----|------|
| R4 | —    |
| R5 | —    |
| R6 | —    |
| R7 | Horn |
| R8 | Horn |

|       |       |
|-------|-------|
| Diode | Usage |
| DIODE | —     |