

Fuses

FUSES

Fuses are simple circuit devices which protect electrical equipment against the effects of excess current.

A blown fuse is indicated when the electrical equipment it protects becomes inoperative.

Fuses are colour coded to help identify their amperage, as follows:

Blade fuse colours

VIOLET	3 amp
TAN	5 amp
BROWN	7.5 amp
RED	10 amp
BLUE	15 amp
YELLOW	20 amp
WHITE	25 amp
GREEN	30 amp

Cartridge fuse colours (engine bay only)

BLUE	20 amp
PINK	30 amp
GREEN	40 amp
RED	50 amp
YELLOW	60 amp

Note: Owners are advised against removing or replacing the relays (identified as R1-R19 on the relays) and fusible links (identified as FL1-FL20 on the fusible links). Failure of any of these items should be investigated by a qualified technician.

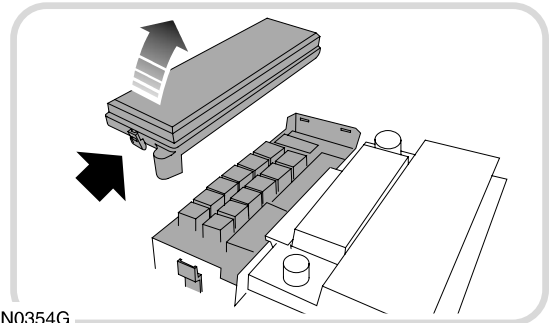
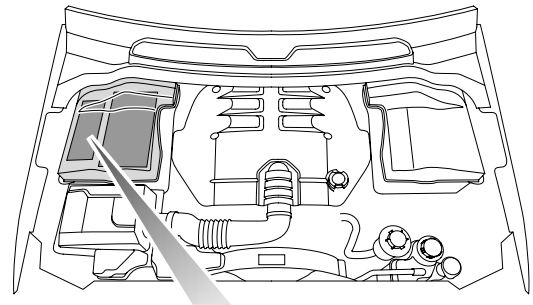
Checking or renewing a fuse

WARNING

To prevent a possible fire or damage to the electrical system, fit only replacement fuses of the same rating and type. Do not replace a blown fuse with a fuse of a higher amperage rating. Always rectify the cause of the failure before replacing a fuse. Seek qualified assistance if necessary.

Always turn the starter switch to position **0** and switch off the affected electrical circuit before removing a fuse.

Engine compartment fuse box

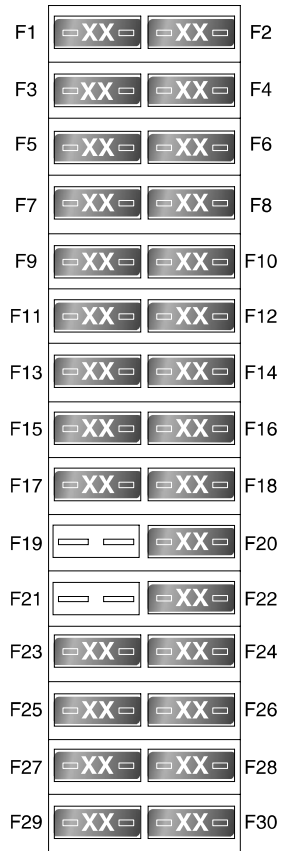


LAN0354G

The engine compartment fuse box is located at the rear of the engine bay. To view the fuse box, the under-bonnet cover will have to be removed. See **UNDER-BONNET COVERS, 218**. The plastic lid of the box is removed by pressing the plastic tabs in.

Fuses

Engine compartment fuses



LAN0356G

Note: Fuse removal tweezers and spare blade fuses are located in the passenger compartment fuse box. See **Passenger compartment fuse box, 266**.

Fuses

Engine compartment fuse specification

Fuse number	Rating (amps)	Circuit protected
1	25	Fuel pump
2	-	
3	5	Air suspension ECU
4	25	Petrol - V8 Supercharged - supercharger cooling pump
4	25	Diesel - EMS (ECU and fuel pump relay control)
5	10	Petrol - EMS (purge valve, EGR, inlet manifold tune valve), E-Box fan, Adaptive cruise control
5	10	Diesel - Adaptive cruise control
6	15	Petrol - EMS (coils), Diesel - EMS, glow plug relays
7	25	Hevac - front seat heat
8	25	Rear seat heat
9	15	Dynamic response
10	15	Petrol - EMS (throttle motor, MAF), cool fan
10	15	Diesel - cool fan
11	15	Petrol - EMS (rear oxygen sensors)
12	10	Heated washer jets
13	10	Petrol - EMS (ECU, VVT's and fuel pump relay control)
13	10	Diesel - EMS (PCV, VCV)
14	20	Petrol - EMS (front oxygen sensors)
15	30	Heated front screen
16	10	Heated door mirrors
17	15	Petrol - EMS (injectors)
17	15	Diesel - EMS (MAF, EGR), E-Box fan, Dual MAF sensors, MTV
18	30	Heated front screen
19	-	
20	5	Alternator
21		
22	-	
23	25	Dynamic Stability Control system
24	20	Petrol - brake boost pump
25	10	Lighting switch
26	20	Air suspension ECU
27	5	Engine control module (EMS)
28	20	Diesel - Fuel burning heater
29	30	Front wipers
30	10	Auto transmission ECU