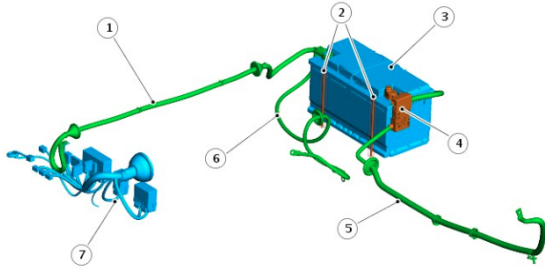


2.4 Tdci Puma Defender Fuse boxes

Fuses and relays in 2007-2011 model year 2.4 Tdci Puma Defenders are mounted in one of two fuse boxes. One fuse box is located **under the RH front seat**, and the other is located **below the steering wheel**.

Power distribution



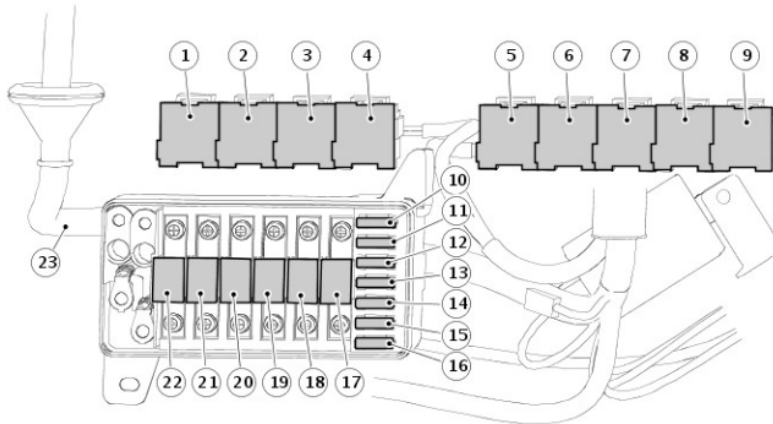
The battery is mounted in a protective box, located under the LH seat. It sits in a tray and is secured with clamp plates and bolts. The battery terminal posts allow for the battery cables to be connected with clamp type connections.

The battery positive terminal is fitted with a mega fuse, which is a 500 Amp device housed in a black fuse carrier, integral to the battery clamp and is integral with the cable assembly. In the event of fuse failure, the complete cable assembly must be replaced. The power feed to the BJB is taken from a tap on the battery clamp before the mega fuse. In the event of a crash the mega fuse is designed to blow, this isolates the power from the generator and starter motor, but allows power to be delivered, via the central junction box (CJB), to the rest of the vehicle.

1. Power feed to battery junction box (BJB)
2. Battery clamps
3. Battery
4. Mega fuse
5. Positive battery clamp
6. Negative battery clamp
7. Under seat fuse box (BJB)

Under seat fuse box

The under seat fuse box is also known as the "Battery Junction Box" and is where most of the relays are located. Power comes to this unit via a cable directly from the battery. This fuse box feeds all other circuits in the vehicle.



Relays

ID	Function
1	ABS pump relay
2	Main relay
3	Starter relay
4	Glow plug relay
5	A/C clutch relay
6	A/C cooling fan relay
7	A/C accessory relay
8	Heated front screen relay
9	Heated screen timer relay

Fusible Links

ID	Rating	Colour	Circuits supplied
17	30A	Green	Lighting switch
18	60A	Yellow	Ignition switch, starter motor relay
19	30A	Green	ABS return pump relay
20	60A	Yellow	Electric window relay
21	60A	Yellow	Feed to under dash fuse box
22	100A	Blue	Glowplug relay, fusible links 2, 3, and 4, fuses 1, 2, and 3 of the under seat fuse box, fuse 36 of the under dash fuse box

Fuses

ID	Rating	Colour	Circuits supplied
10	20A	Yellow	Alarm system
11	15A	Blue	Alarm system
12	30A	Green	Main relay, engine control module (ECM)
13	20A	Yellow	Not used
14	20A	Yellow	Headlamp flash/horn
15	20A	Yellow	Accessory socket
16	30A	Green	ABS system

