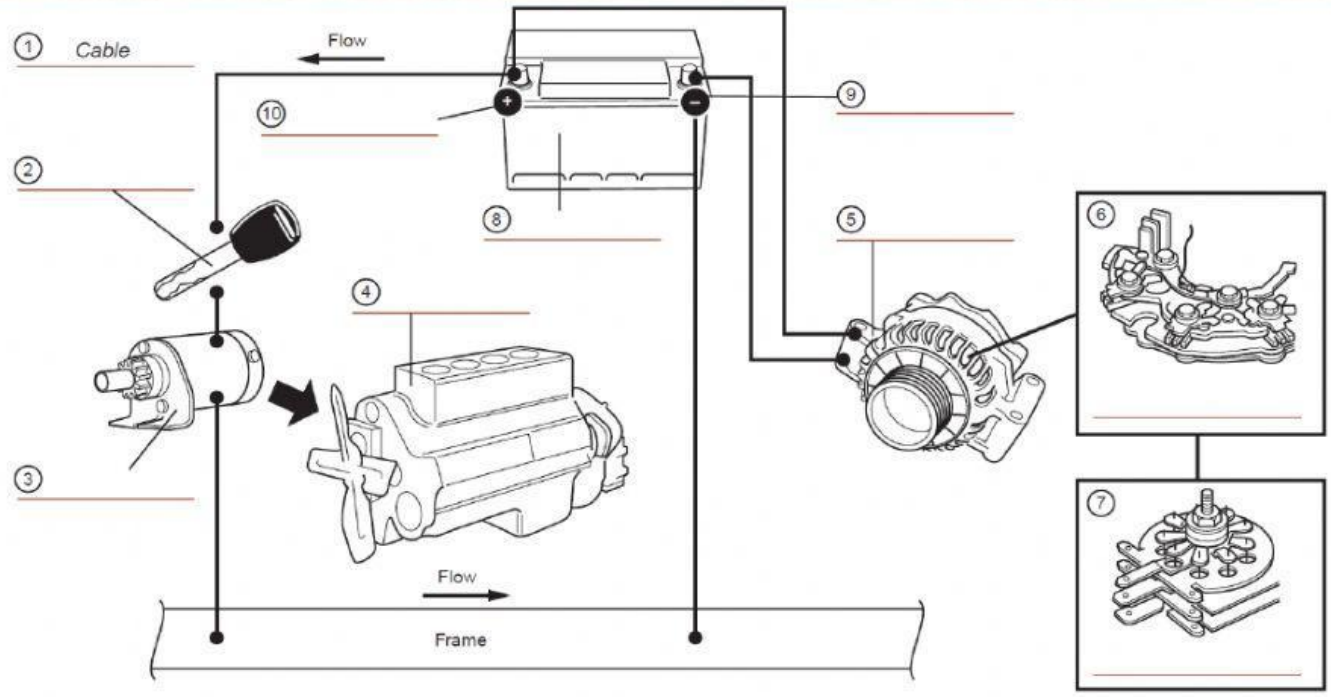
Read the text and label the diagram with the words in bold.

The electrical system of a car

The **battery** stores electricity. When you turn the **ignition key**, electricity flows from the battery to the **starter motor**. This turns the **engine**. The engine drives the **alternator**. This acts as a generator and produces electricity. It also charges the battery. The alternator produces alternating current (AC). A **rectifier pack** changes AC to DC (direct current). **Diodes** in the rectifier pack make sure that output from the alternator flows in one direction to the battery. But current can't flow from the battery to the alternator. Electrical current runs through the **cables** of the car's electrical circuit. The current leaves the battery through the **positive terminal**. It returns to the battery through the **negative terminal**.



Read the text. Match the parts with their functions.

1 The battery	a) carry electricity to different parts of the car.
2 The cables	b) generates electricity for the car and charges the battery.
3 The engine	c) changes AC to DC.
4 The alternator	d) drives the wheels of the car and the alternator.
5 The diodes	e) stores electricity for the car.
6 The rectifier pack	f) allow electrical current to flow in one direction only.

LIVEWORKSHEETS