1 **Read the article. Which driver made the bigger mistake?**

The cost of misfuelling

Every year, thousands of drivers put the wrong fuel in their car. In the UK, the number is over 150,000 drivers in a year! Peter Coburg put petrol into his friend's diesel car. 'It cost me over €1,000 to put things right!'

If you've put the wrong fuel in your car, don't start the engine. If the wrong fuel circulates around the fuel system, it will cause damage. Some cars have an electric pump. This starts to work immediately when you switch on the ignition. So, don't switch on the ignition.

What damage could you cause? Diesel acts as a lubricant for moving parts. Petrol in diesel acts as a solvent, i.e. it reduces lubrication. Then metal parts rub against metal parts and cause damage. The further the petrol goes, the more parts are damaged: the pumps, the injectors, the fuel rail and the filters. You might have to fit a new engine.

So what should you do if you've put the wrong fuel in your car? You can call a specialist service. The mechanic will first drain the wrong fuel and take it away. Next, he/she will (= wash out) the parts that have been in contact with the wrong fuel. Finally, he/she will refill the tank with the correct fuel.

One driver told us about his worst mistake: 'I was delivering diesel in a tanker to a garage. I was in a hurry, and I put the wrong fuel in the tank. I pumped 36,000 litres of petrol into a diesel tank. I lost my job the next day.'

2 **Read the article in 1 again. Mark these statements T (true) or F (false).**

1 Every year, more than 150,000 drivers fill up with the wrong kind of fuel in the UK.
2 It's best to drive away quickly after misfuelling.
3 You can damage the engine just by switching on the ignition.
4 Diesel helps metal parts to rub together easily.
5 Misfuelling could be a very expensive mistake.
6 After a misfuelling, a specialist mechanic fills up the car with fuel and then drains it.

3 **Complete the advice to motorists with the verbs from the box. Some verbs can be used more than once.**

drain / put in / refill / run / ~~start~~ / top up

Putting petrol in a diesel tank

If your car has a common rail or unit injectors: If you have added any petrol, even a very small amount, don't **(1)** start the engine. **(2)** _____ the fuel tank.

If your car doesn't have a common rail or unit injectors: If you have put in more than 10% of the wrong fuel (e.g. >5 litres in a 50 litre tank), **(3)** _____ the tank. Then **(4)** _____ the tank with diesel.

If you have **(5)** _____ less than 10% of the wrong fuel (e.g. <5 litres in a 50 litre tank), **(6)** _____ the tank with diesel and run normally.

Putting diesel in a petrol tank

If your car has a catalytic converter: If you have put in more than 4% of the wrong fuel (e.g. >2 litres in a 50 litre tank), don't **(7)** _____ the car. **(8)** _____ the tank. Then **(9)** _____ the tank with petrol.

If you have **(10)** _____ less than 4% of the wrong fuel (e.g. <2 litres in a 50 litre tank), **(11)** _____ the tank with petrol and **(12)** _____ normally.

If your car doesn't have a catalytic converter: If you have **(13)** _____ more than 10% of the wrong fuel (e.g. >5 litres in a 50 litre tank), don't **(14)** _____ the car. **(15)** _____ the tank. Then **(16)** _____ the tank with petrol.

LIVEWORKSHEETS

4 Complete the dialogues between a supervisor and a mechanic.

1 **A:** Push down the accelerator.
B: *I'm pushing it down now* _____.
A: Take off the handbrake.
B: *I've taken it off* _____.

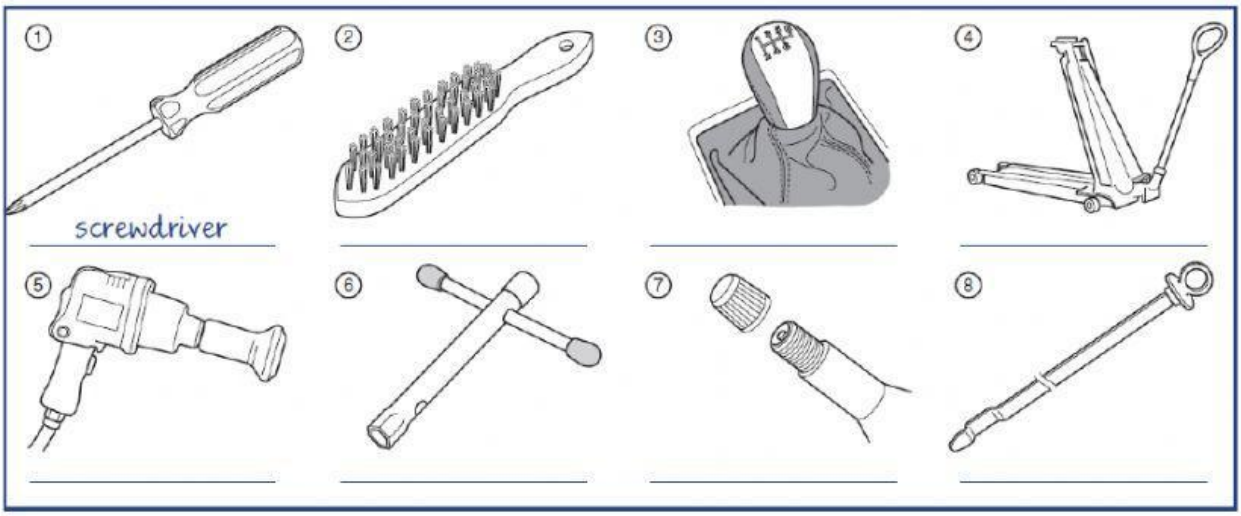
2 **A:** Top up the radiator.
B: I'm _____.
A: Flush out the petrol pump.
B: I've _____.

3 **A:** Lift up the bonnet.
B: I'm _____.
A: Take off the HT leads.
B: I've _____.

4 **A:** Switch on the ignition.
B: I'm _____.
A: Turn on the headlights.
B: I've _____.

5 Label the pictures with the words in the box.

box spanner / dipstick / gear lever / jack / screwdriver / tyre valve / wheel gun / wire brush



6 Study the language box. Then complete each sentence with a pair of verbs or a single verb.

You can inflate a tyre	using by using by means of	a foot pump.

adjust, check / attach, clean / brush, loosen, measure / look, put / use, raise, tighten / use

1 You *tighten* the wheel nuts *using* a box spanner.
2 You _____ the oil level by _____ at the dipstick.
3 You _____ the tyre pressure by _____ the airline to the tyre valve.
4 You _____ the carburettor by means of a screwdriver.
5 You _____ the spark plugs by _____ the electrodes with a wire brush.
6 You _____ the end of the car by means of a jack.
7 You _____ the wheel nuts by means of a wheel gun.
8 You _____ the gear lever into first gear _____ the gear lever.

LIVEWORKSHEETS