



The Fix-it Quiz

Regular checks and servicing will ensure vehicles run efficiently and safely. The Army, for example, take great care to make sure their equipment works in the most demanding conditions, when they most need it! Use this quiz to test your young people's knowledge of vehicle maintenance.

1. YOU SHOULD REGULARLY CHECK YOUR ENGINE OIL BY...

- a Pulling out the 'dip-stick' to check the level
- b Dipping your finger in the oil filler cap
- c Waiting for the warning light to come on



2. THE WIPERS LEAVE SMEARS ON THE SCREEN, DO YOU:

- a Alter the angle of the blades
- b Change the wiper blades
- c Stop the vehicle and wipe the screen with a cloth

3. YOU SHOULD CHECK THE TYRE AIR PRESSURE BECAUSE...

- a The tyres will perform better
- b It's a fun thing to do
- c Your dad told you to



4. WHICH OF THESE THREE TYRES NEED CHANGING:

5. WHEN YOU APPLY PRESSURE ON THE BRAKES THEY MAKE A WEIRD NOISE:

- a It's ok, that's just to keep you alert
- b Have your brakes checked and replaced regularly
- c It's time to check the steering wheel

6. THERE'S FUR GROWING ON THE BATTERY, DO YOU:

- a Change the battery
- b Wipe it off
- c Wonder how far it will spread



- b Get everyone out of the vehicle and make them wait behind the crash barrier
- c Call for help using the nearest roadside emergency telephone
- d All of the above

7. THE EXHAUST PIPE IS MAKING A LOUD NOISE, WHY?

- a There could be a blockage
- b Rust may have eroded the exhaust pipe
- c It's meant to sound like that

8. IF YOU BREAK-DOWN ON A MOTORWAY, THE DRIVER SHOULD:

- a Leave at an exit or pull onto the hard shoulder

9. YOUR VEHICLE IS MAKING A LOUD SQUEALING NOISE, DO YOU:

- a Switch the radio on
- b Have the belt changed
- c Hope the noise will stop soon

10. WHAT DO THESE WARNING LIGHTS MEAN?



A



B



C



D



E



F



Answers: 1a, 2b, 3a, 4a, 5b, 6a, 7b, 8d, 9b, 10 a)
check battery
fan, d) brake fluid is low, e) check engine, f)

TIME NEEDED

20 minutes

BADGE



Scout Mechanic Activity Badge

PARTNER

ARMY

OUTCOMES

Scouts who have chosen option one of the badge criteria will be closer to earning their badge and better informed about car maintenance.

TAKING IT FURTHER

Help your young people continue to fulfil option one badge requirements by teaching them how to check a car battery or change wiper blades.

MORE INFORMATION

The Royal Electrical and Mechanical Engineers (REME) maintain and manufacture equipment to keep the British Army aircraft, tanks and weapons in working order. Visit scouts.org.uk/the-british-army for more info.