

## SIMPLE SETUP

### Make battery testing part of your everyday workshop regime.

Test every vehicle that comes into your workshop immediately before starting work or an MOT test. This will give you time to call the customer, order and fit a replacement or recharge the battery if required.



#### 1 Check Specification

Using Yuasa's battery lookup tool [fit.yuasa.co.uk](http://fit.yuasa.co.uk) check the battery fitted is of the correct specification and technology for the vehicle.

If it is not of the correct specification or technology it may fail prematurely and could cause electrical problems.

✗ Battery is incorrect specification or technology **3**➔

✓ Battery is correct specification **2**⬇

#### 2 Check Health

Check the health of the battery using a battery conductance tester. Attach the tester to the terminals of the battery and then follow the prompts on your device. Typically the battery will be diagnosed as:

**GOOD** Good state of health

**RECHARGE** Recharging required

**REPLACE** Replace immediately



**ACTION  
REQUIRED**

The tester may advise to recharge and retest. In this case recharge the battery before retesting.

#### 3 Communicate

**GOOD**

Use a Yuasa mirror hanger to communicate a test pass to the customer. ➔



**ACTION  
REQUIRED**

**RECHARGE**

✗ If the customer does not agree or you cannot get hold of them use a Yuasa mirror hanger to communicate that action is required. ➔

**REPLACE**

✓ If the customer agrees to a replacement or recharge **4**⬇

#### 4 Resolve

If the customer has agreed, fit a replacement battery with a voltage in excess of 12.50 Volts or recharge the battery and recheck its state of health as in step 2.

Once this has been done use a mirror hanger to communicate that the vehicle's battery is now serviceable.



#### Battery Check Mirror Hanger

When a vehicle has passed, simply enter the registration number and test date then hang over the rear view mirror.

The hanger should only be used for a test pass or to communicate that action is required if you cannot reach the customer or they do not agree to remedial action.



### WHY BATTERIES FAIL

- Infrequent vehicle use
- Faulty charging system
- Variations in climate
- Incorrect battery installed
- Service life has expired
- Poor maintenance
- Extreme operating temperature



Battery related faults are the **number one** reason for vehicle breakdowns



Over **five million** batteries are sold in the UK each year



**GARAGE FACT**  
3 out of 4 customers  
follow their mechanic's  
recommendations