

## NEW VEHICLE PREPARATION : CHECKING THE BATTERY (EXCEPT TRACTION BATTERY)

Regardless of its design, a battery is subject to a slow discharge in stock due to the following phenomena :

- Natural self-discharge of the battery (4% / months)
- Existence of permanent power consuming equipment as a result of the vehicle not having been inhibited by placing the shunt in the parc position

A voltage below 12 volts corresponds to a critical level of discharge which could result in damage to the battery (The state of charge of the battery should be more than 30 % of its nominal capacity).

Delivery to the customer of a new vehicle fitted with a battery which has been stored at a voltage below 12 volts often results in a failure synonymous with customer dissatisfaction and expense for the Marque.

Regular charging of the battery safeguards its integrity.

Check the battery charge status in stock, when removing from stock and during new vehicle preparation, to avoid reaching the critical discharge level.

### 1. Check the state of charge of the battery

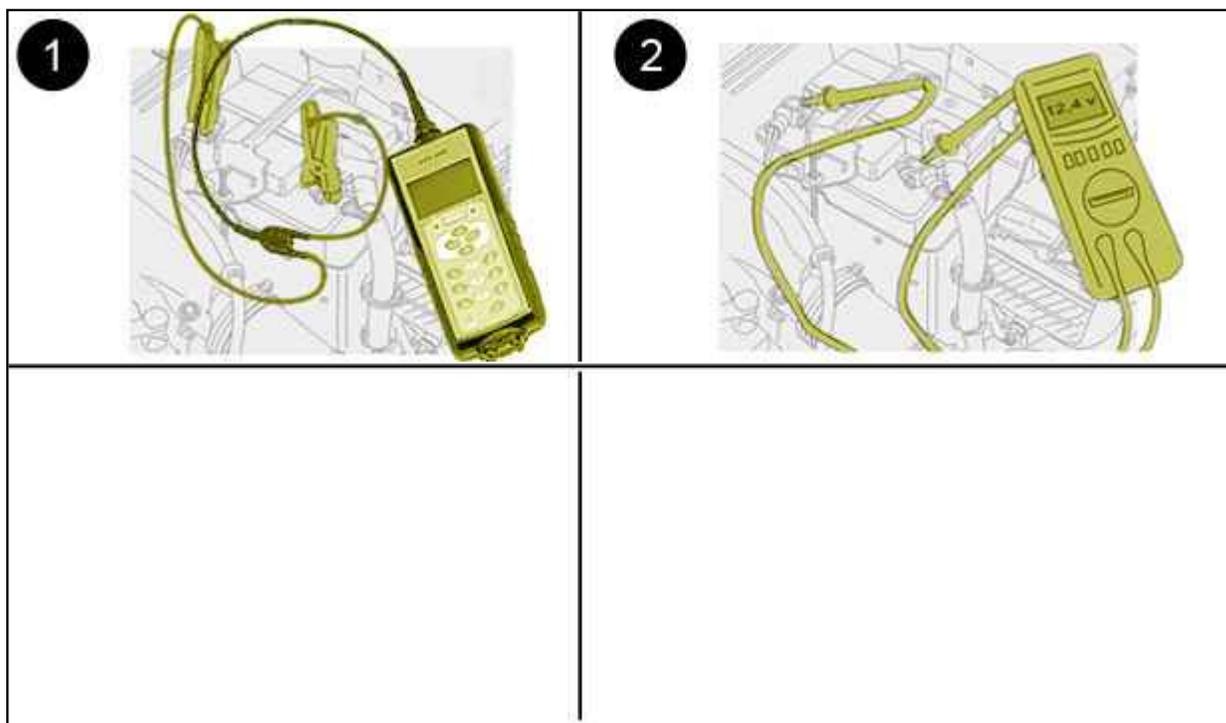


Figure : D1AD003D

Figure □ : Use a battery tester.

Figure □ : Use a voltmeter.

Only a battery tester can diagnose the general condition of the battery; in fact, it can diagnose not only the state of charge of the battery but also its capacity to recharge itself.

**N.B. :** The Marque recommends the use of the battery tester MIDTRONICS EXP-925 PSA which allows for reimbursement for recharging or replacement of the battery via SAGAI (**Instructions for using the "Midtronics" battery tester** ⓘ).

**CAUTION :** (\*) Use of a voltmeter duly calibrated is tolerated in exceptional circumstances (A voltmeter, by reading

the voltage, can tell you the state of charge of the battery, but not the capacity of the battery to recharge itself).

The voltmeter does not give you traceability on the battery check, and so does not offer the possibility of any reimbursement for recharging or exchanging the battery under warranty.

## 2. Checking the state of charge of the battery by use of a voltmeter

### 2.1. Definition of the battery charge status thresholds

| Value displayed by the tester    | Action  |
|----------------------------------|---|
| <b>BATTERY OK</b>                | None  |
| <b>Battery requires charging</b> | Charge the battery in accordance with the instructions below  |
| <b>Battery must be replaced</b>  | Replace the battery in accordance with the instructions below |
| <b>Battery in short-circuit</b>  | Replace the battery in accordance with the instructions below |

### 2.2. Recommended tools

**N.B. :** The marque recommends use of the MIDTRONICS EXP-925 PSA battery tester (**Instructions for using the "Midtronics" battery tester** ⓘ). The result code for the test performed with this approved tester is required for the reimbursement of the warranty claim).

| Designation   | Supplier   | Parts Div. part numbers |
|---|------------|-------------------------|
| <b>Battery tester EXP-925 PSA (Recommended for New Vehicle Preparation)</b> | Midtronics | 9776.EH                 |

Optional.

| Designation  | Supplier   | Parts Div. part numbers |
|--|------------|-------------------------|
| <b>Battery tester + starter circuit check EXP-925 EST PSA (Recommended in repair workshop)</b> | Midtronics | 9776.EJ                 |
| <b>Printer for tester A088</b>   | Midtronics | 9776.EK                 |

**URGENT :** Enter the rating in EN standard to allow the EXP-925-PSA battery tester to provide a reliable result. For batteries complying with the JIS standards enter the part number of the battery instead of the amperage of the battery.

**N.B. :** **Battery correspondence table (type of battery, size, amperage, capacity)** ⓘ.

## 3. Checking the state of charge of the battery by using a voltmeter

A voltmeter, by reading the voltage, can tell you the state of charge of the battery, but not the capacity of the battery to recharge itself.

**CAUTION :** To guarantee a reliable voltage reading, take the measurement on a vehicle at rest.

### 3.1. Definition of the vehicle rest required before reading the voltage

A vehicle is considered at rest if it has not been used (starting of the engine, switching on of the lights...) for at least one hour before checking the voltage or if the placing at rest procedure described below has been applied.

Procedure for placing the vehicle at rest :

- Switch on the headlamps for 2 minutes
- Switch off the headlamps
- Close the vehicle's doors and do not carry out any action for 10 minutes
- Check the voltage before starting the engine

**N.B.** : For the iOn electric vehicle, setting the vehicle to the READY position (on the instrument panel) is equivalent to starting the engine in the procedure above (**Refer to the special features of the vehicle** ⓘ).

### 3.2. Definition of the battery voltage thresholds at rest

Battery type Normal or EF.

| Value of the voltage measured at rest | Action  |
|---------------------------------------|---|
| Voltage greater than 12,5 V           | None  |
| Voltage between 12 V and 12,5 V       | Charge the battery in accordance with the instructions below  |
| Voltage less than 12,1 V              | Replace the battery in accordance with the instructions below |

Battery type VRLA/AGM.

| Value of the voltage measured at rest | Action  |
|---------------------------------------|---|
| Voltage greater than 12,7 V           | None  |
| Voltage between 12,1 V and 12,7 V     | Charge the battery in accordance with the instructions below  |
| Voltage less than 12,1 V              | Replace the battery in accordance with the instructions below |

### 3.3. Recommended tools

**URGENT** : The Voltmeter used to check the battery must be calibrated at least 1 time per year.

| Digital multimeter |                      |
|--------------------|----------------------|
| Supplier           | Supplier part number |
| FACOM              | 711                  |

## 4. Battery charging

### 4.1. Recommendations and instructions

**URGENT** : Do not charge a battery with a voltage below 12 V.

**CAUTION** : Charging the battery while it is connected to the vehicle, using equipment which does not comply with the specifications described below, could result in the destruction of the vehicle's ECUs.

**CAUTION** : The service battery on the iOn has to be disconnected from the vehicle prior to recharging the service battery using a battery charger external to the vehicle.

The recharging must be carried out in a well-ventilated area.

Do not remove the battery from the vehicle in order to recharge it.

If the battery has to be replaced, recharge the new battery (obtained from Replacement Parts) before fitting it on the vehicle.

The recharging of the battery not removed from, and still connected to, the vehicle, must be with a battery charger that meets the following criteria (Types of battery Normal, EF or VRLA/AGM) :

- Voltage limited to 16 V
- Adjustable maximum current
- Programmable or limited duration of charging
- Stopping of charging at a minimum current
- Safety from the risks of inverting the polarity
- Possibility to use the battery charger on a continuous basis

Specifications of the battery charger recommended by the manufacturer (MIDTRONICS GR1) :

- Battery diagnosis (At the start and at the finish of battery charging)
- Rapid charge (Less than 3 hours)
- Traceability for monitoring of the battery charging

**CAUTION** : Respect the order of connection of terminals.

Order of connection of the cables (Without disconnection of the terminal leads) :

- Connect the positive cable of the charger to the + terminal of the battery
- Connect the negative cable of the charger to the - terminal of the battery

## 4.2. End of charge check

When the battery has been charged, check the voltage of the vehicle's battery at rest. Check that the charge status after charging is correct if you use a battery tester.

**N.B.** : The marque recommends use of the MIDTRONICS EXP-925 PSA battery tester **Instructions for using the "Midtronics" battery tester** ⓘ . The result code for the test performed with this approved tester is required for the reimbursement of the warranty claim.

If using a voltmeter, follow this procedure :

- Switch on the headlamps for 2 minutes
- Switch off the headlamps
- Close the vehicle and do not carry out any action for 10 minutes
- Check the battery voltage before starting the engine
- Check that the battery voltage is higher than 12,8 V

## 5. Battery replacement

**URGENT** : Observe the safety and cleanliness recommendations ⓘ .

Specifications of the replacement battery :

- New battery from Replacement Parts with the same specifications as the original battery (Voltage - Starting current - Power capacity)
- The use date limit later than the date of replacement of the battery
- Value displayed by the battery tester Midtronics : "BATTERY OK"
- Voltage higher than 12,5 V if using a voltmeter (Battery type Normal or EF)
- Voltage higher than 12,7 V if using a voltmeter for battery type VRLA/AGM

After replacing or removing a battery, perform the operations below.

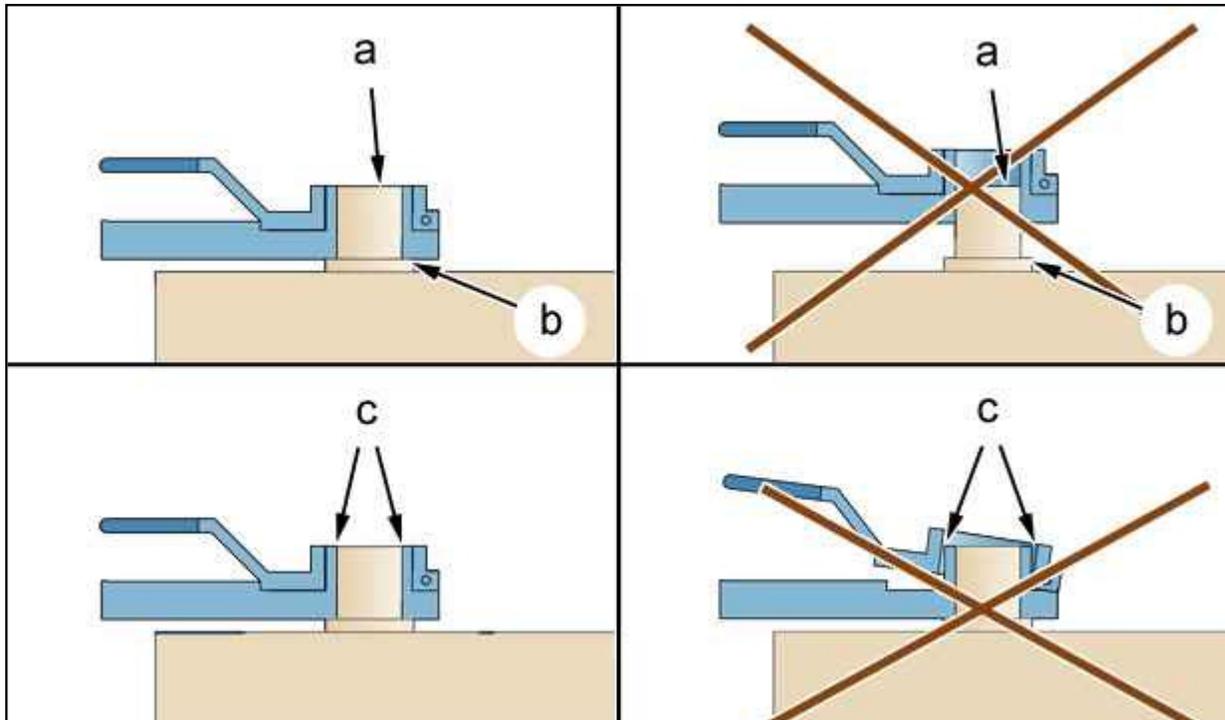


Figure : D1AM001D

The spade terminals may be of the screw type or of the clip type, referred to as quick-fit spade terminals.

In all cases, the method for fixing the battery spade terminals is the following :

- Open the terminal
- Position the spade terminal fully on the battery terminal
- Visually check that the spade terminal is in contact with the base of the battery "b"
- Visually check that the spade terminal is flush with the upper part of the battery terminal "a"
- Lock the spade terminal by tightening the screw or by pressing on the lever until the stop "c" is reached
- Manoeuvre the terminal lead in order to make sure that it is secure on the battery terminal
- Perform the operations to be carried out following reconnection of the battery

## 6. Special case : Vehicles fitted with a battery charge status unit

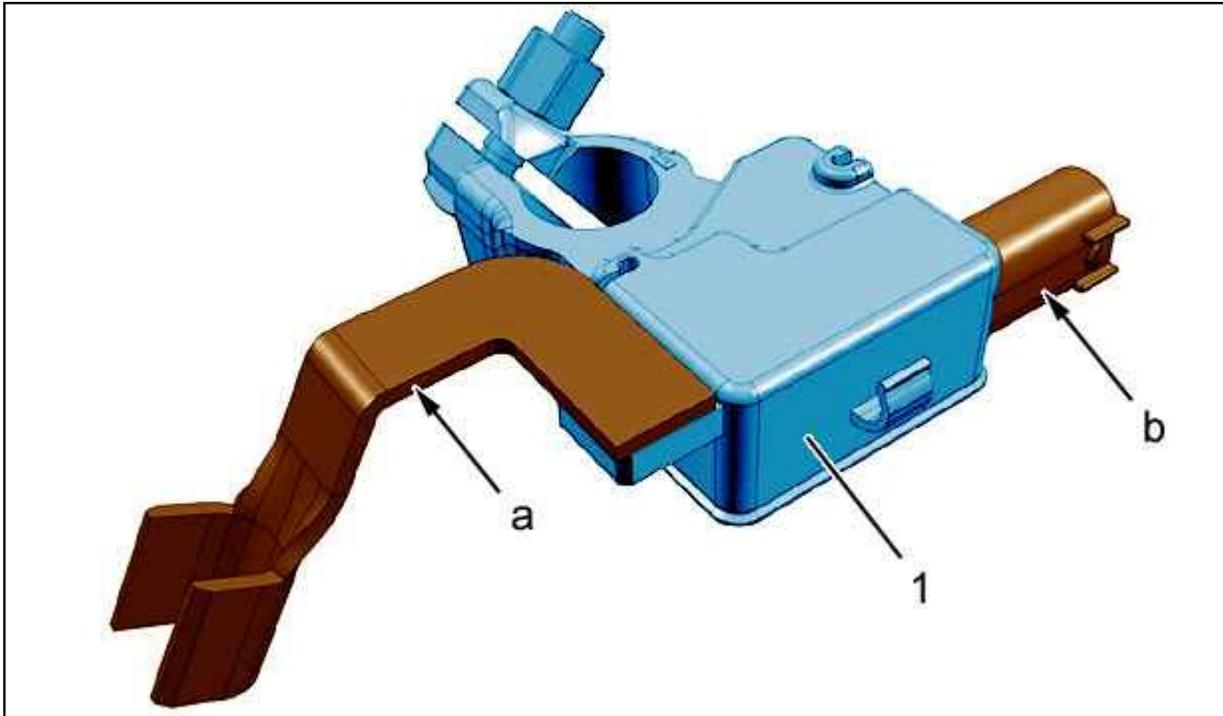


Figure : D4AM02XD

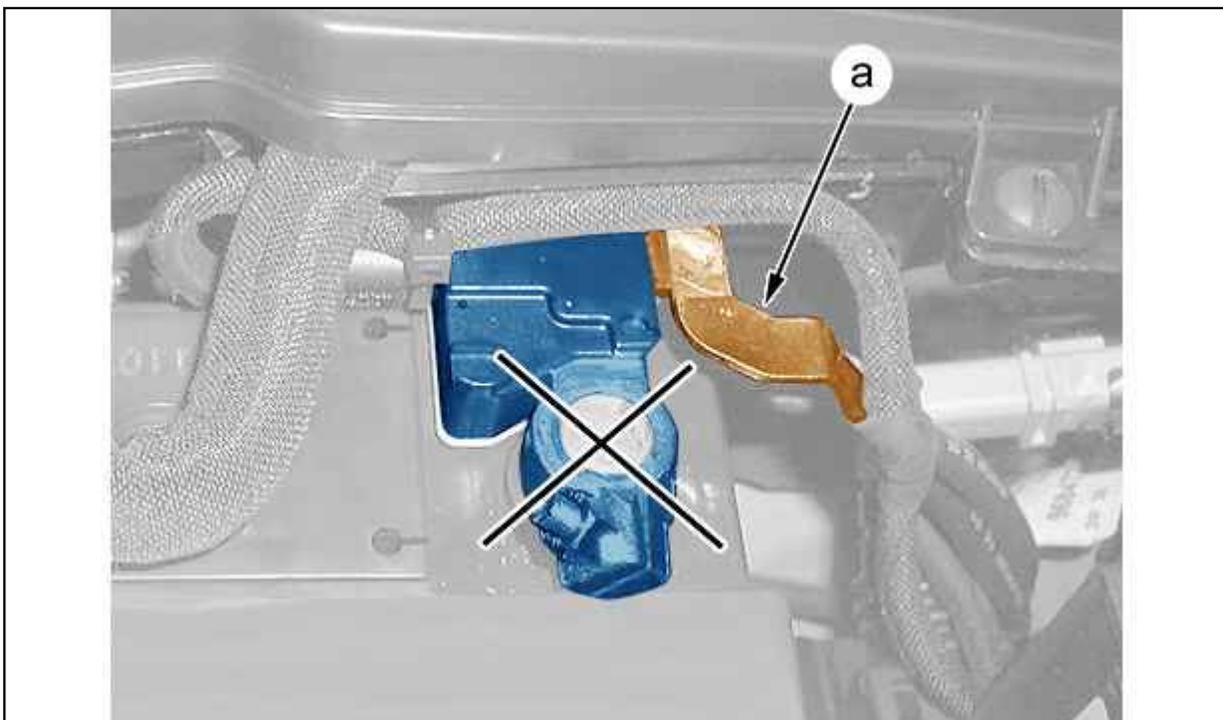


Figure : D1CQ00TD

**CAUTION** : If connecting from an external battery charger : Do not connect directly on the battery negative terminal ; Connect on the earth cable carrier crimped to the output of the battery check status control unit (at "a") (or on a body earth nut).

**CAUTION :** If removing the battery terminals : Respect the tightening torque for the negative terminal when refitting ; Tighten to 0,6 daN.m.

**CAUTION :** Always connect the battery check status unit black 2-way connector last (at "b").

Start the vehicle : The battery warning lamp should be off.  
Delete the fault codes.

## 7. Access for battery checks and charging

**CAUTION :** Certain commercial battery testers that are not approved technically cannot deliver a reliable diagnosis if the check is performed remotely.

### 7.1. PEUGEOT iOn

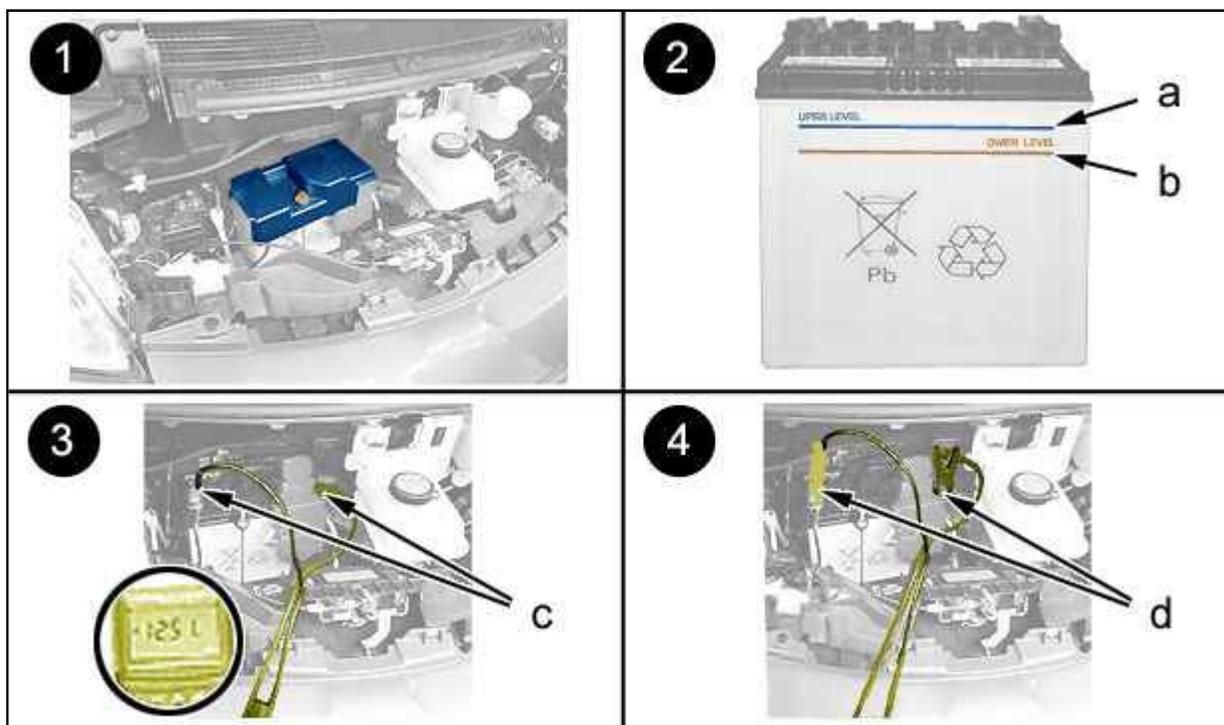


Figure : E3BD008D

Figure 1 : Battery location :

- The battery is installed under the bonnet
- The accessibility is protected by a battery cover
- Unscrew carefully : The plastic bolt
- Pull on the battery cover to remove it

**N.B. :** The standard of the battery fitted on the PEUGEOT iOn follows the JIS standard.

Figure 2 : Check of the battery electrolyte level :

- Open the bonnet
- Remove the battery cover
- View the electrolyte filling level looking horizontally to the battery
- Check that the level is between the "upper level" (a) and the "lower level" (b)
- Top up (if necessary)

**URGENT** : Thoroughly clean the top of the battery after charging and prevent contact between the electrolyte and the skin; in the event of contact, wash the exposed part of the body thoroughly in fresh water.

**CAUTION** : If the fluid level is above the mark "upper level" (a), there is a risk of an electrolyte leak.

**CAUTION** : If the fluid level is below the mark "lower level" (b), there is a risk of explosion of the battery during use.

Figure 3 : Checking the battery using a battery tester or voltmeter (at "c") :

- Open the bonnet
- Withdraw : The battery cover
- Move aside the cover from the positive spade terminal of the battery
- Check the battery charge status using a battery tester or a voltmeter "b" (the black tip on the negative terminal of the battery and the red tip on the positive terminal of the battery)
- Refit the battery cover

Figure 4 : Battery charging :

- Open the bonnet
- Withdraw : The battery cover
- Disconnect the negative terminal of the service battery (Isolate the cable using an insulating cover)
- Disconnect the positive terminal of the service battery (Isolate the cable using an insulating cover)
- Connect a charger approved by the marque to the battery at "c" (The black cable on the negative terminal and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the battery cover

## 7.2. PEUGEOT 107

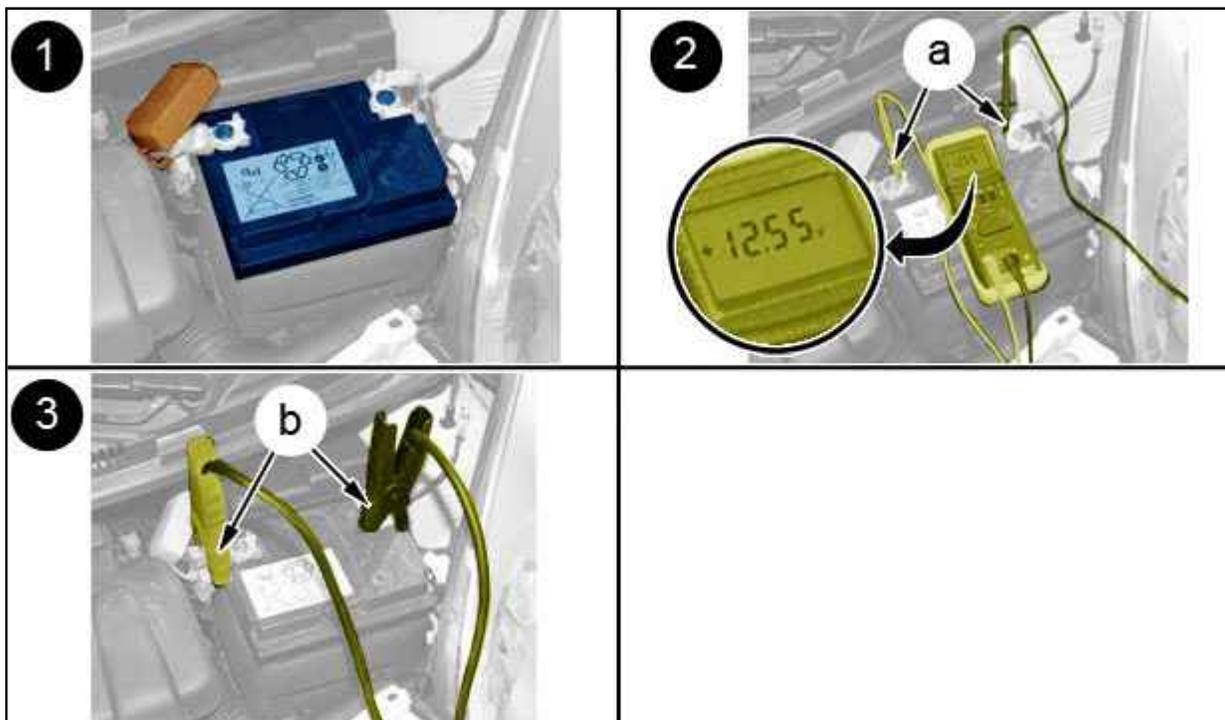


Figure : D1AD004D

Figure □ : Battery location :

- The battery is located under the bonnet

- Accessibility is direct (no battery cover)

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Move aside the cover from the positive spade terminal of the battery
- Check the battery charge status using a battery tester or a voltmeter "b" (the black tip on the negative terminal of the battery and the red tip on the positive terminal of the battery)

Figure □ : Battery charging :

- Open the bonnet
- Connect a charger approved by the Marque to the terminals of the battery "c" (The black cable on the negative terminal and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions

### 7.3. PEUGEOT 1007

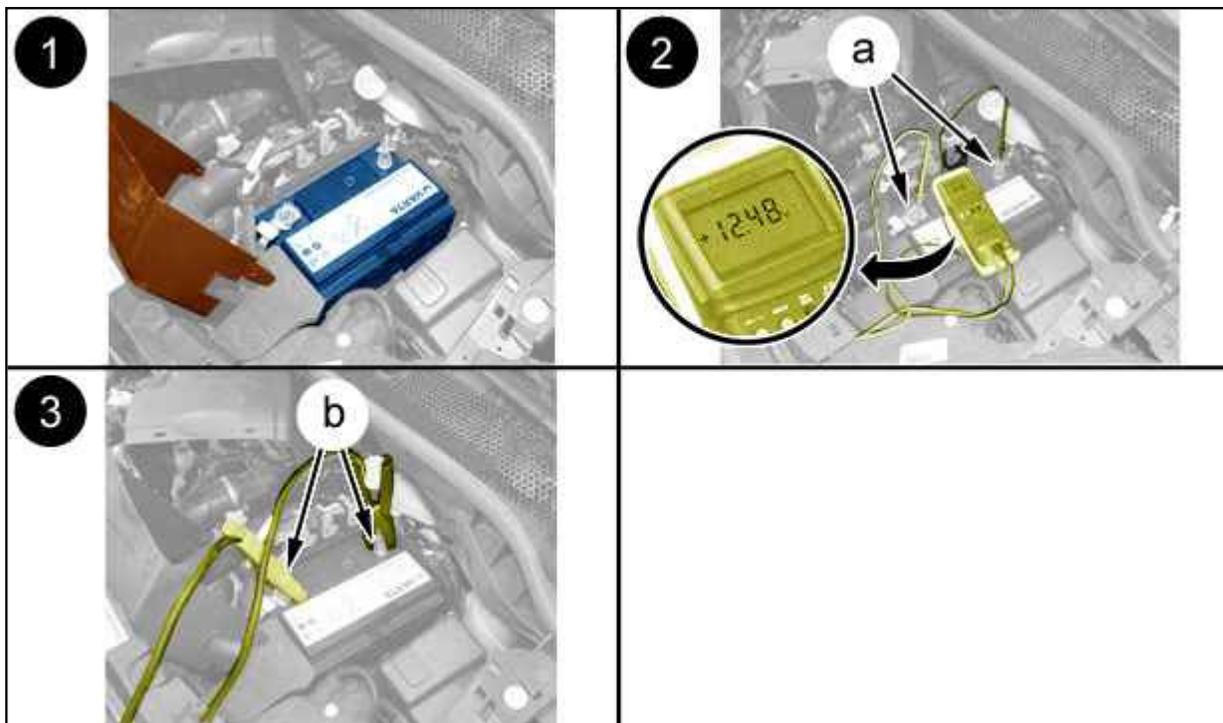


Figure : D1AD005D

**CAUTION** : Fit the battery cover before delivery of the vehicle to the customer.

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover

**N.B.** : The battery cover is placed in the boot at the factory to make battery checks and charging easier before delivery of the vehicle to the customer.

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Remove the battery cover (If necessary)
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)

- Refit the battery cover before delivery of the vehicle to the customer

Figure □ : Battery charging :

- Open the bonnet
- Remove the battery cover (If necessary)
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the battery cover before delivery of the vehicle to the customer

#### 7.4. PEUGEOT 206 / 206 +(T3E) / 207(T3)

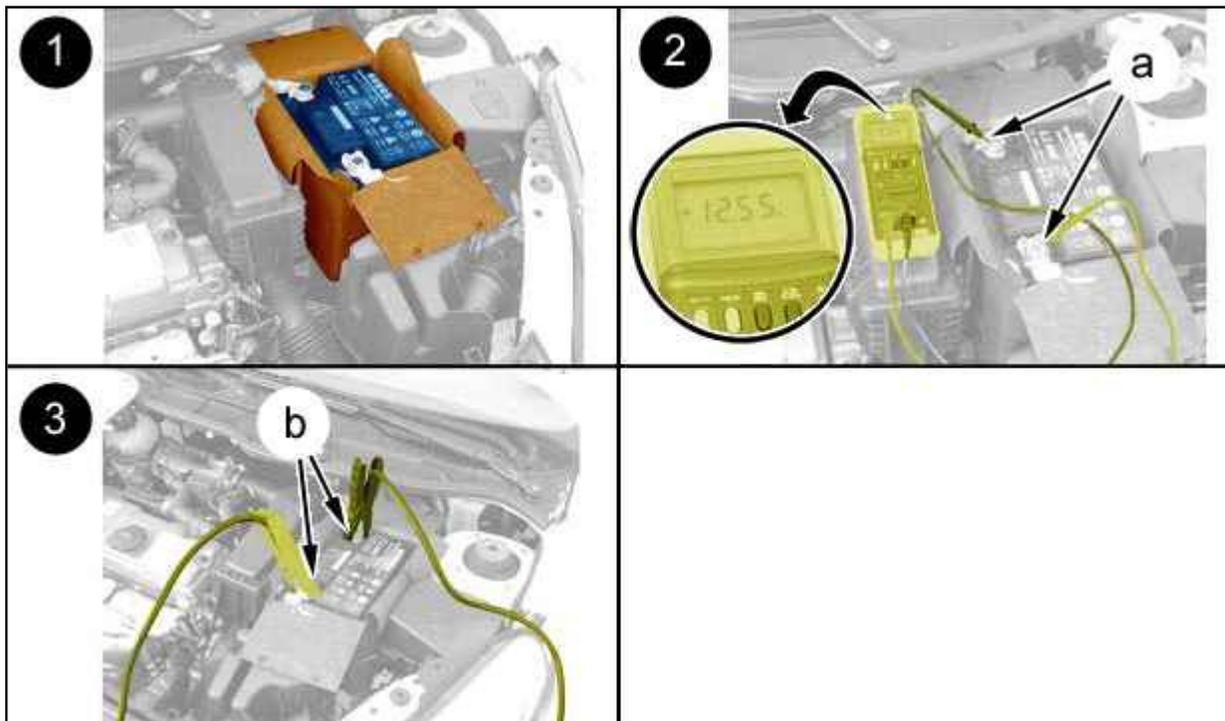


Figure : DIAD006D

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a cover which can be opened

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Open the battery cover (If necessary)
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Close the battery cover before delivery of the vehicle to the customer

Figure □ : Battery charging :

- Open the bonnet
- Open the battery cover (If necessary)
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Close the battery cover before delivery of the vehicle to the customer

## 7.5. PEUGEOT 207 (A7)

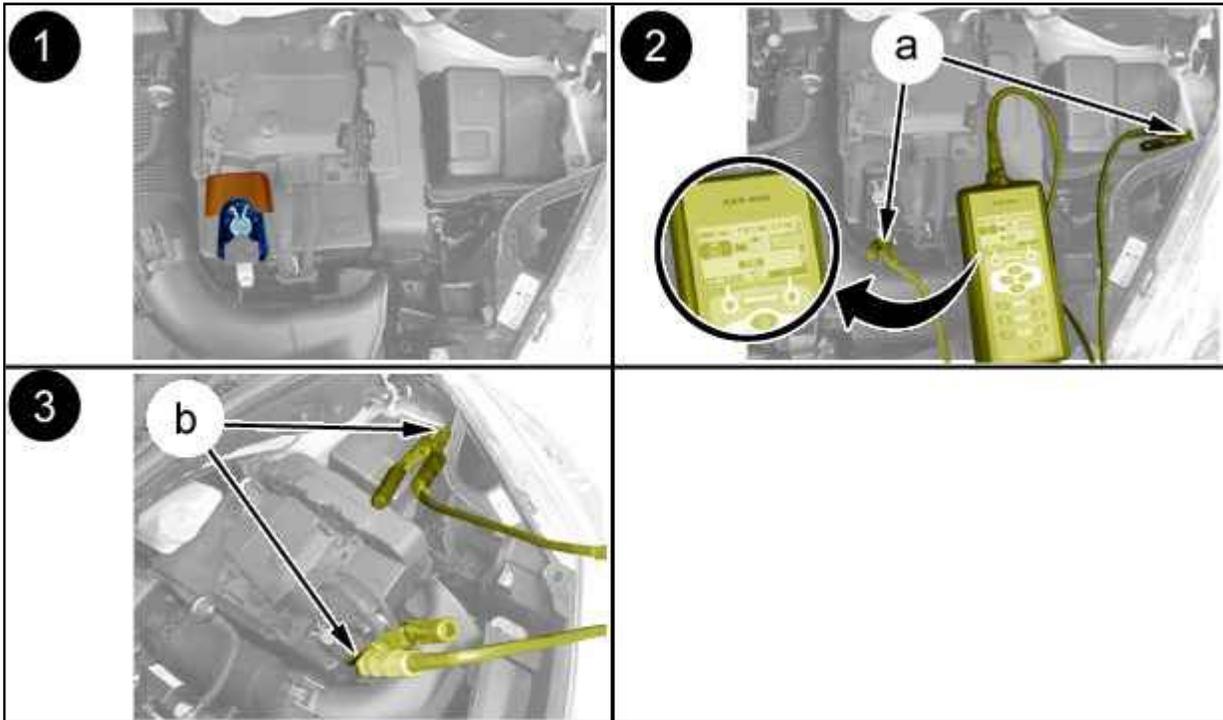


Figure : D1AB018D

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover with a flap for access to the positive terminal
- A remote earth is located on the left-hand front panel

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the remote earth and the red tip on the positive spade terminal of the battery)
- Close the flap for access to the positive spade terminal

Figure □ : Battery charging :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the remote earth and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Close the flap for access to the positive spade terminal

## 7.6. PEUGEOT 307 - 308 - RCZ

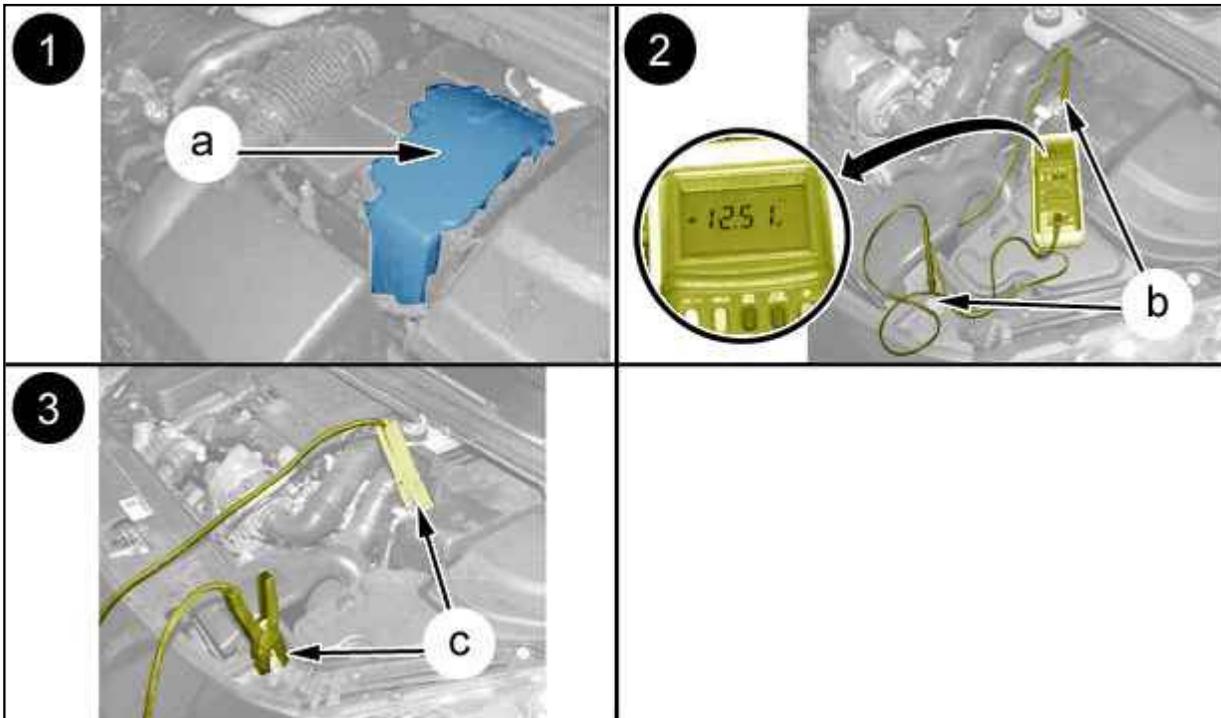


Figure : D1AD008D

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover which has a flap for access to the charge indicator "a" and a flap for access to the positive spade terminal
- A remote earth is located on the left-hand front panel

**N.B. :** Only vehicles of the 308 / RCZ range have a battery fuse box "a" located above the battery (at "a").

Figure □ : Checking the battery using a battery tester or voltmeter (at "b") :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Check the battery using a battery tester or a voltmeter at "b" (the black tip on the remote earth and the red tip on the positive spade terminal of the battery)
- Close the flap for access to the positive spade terminal

Figure □ : Battery charging :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Connect a charger approved by the Marque to the battery at "c" (the black cable on the remote earth and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Close the flap for access to the positive spade terminal

## 7.7. PEUGEOT 3008 - 5008

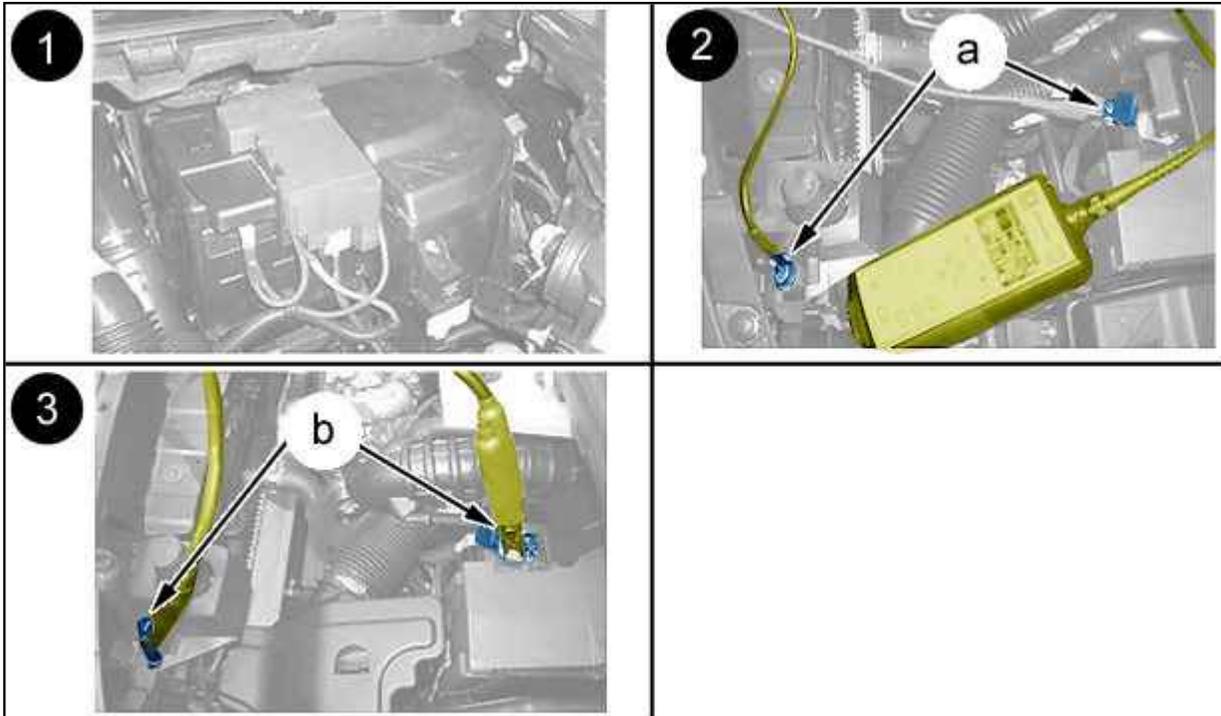


Figure : D1AD009D

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover which has a flap for access to the charge indicator "a" and a flap for access to the positive spade terminal
- A remote earth is located on the left-hand front panel

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the remote earth and the red tip on the positive spade terminal of the battery)
- Close the flap for access to the positive spade terminal

Figure □ : Battery charging :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the remote earth and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Close the flap for access to the positive spade terminal

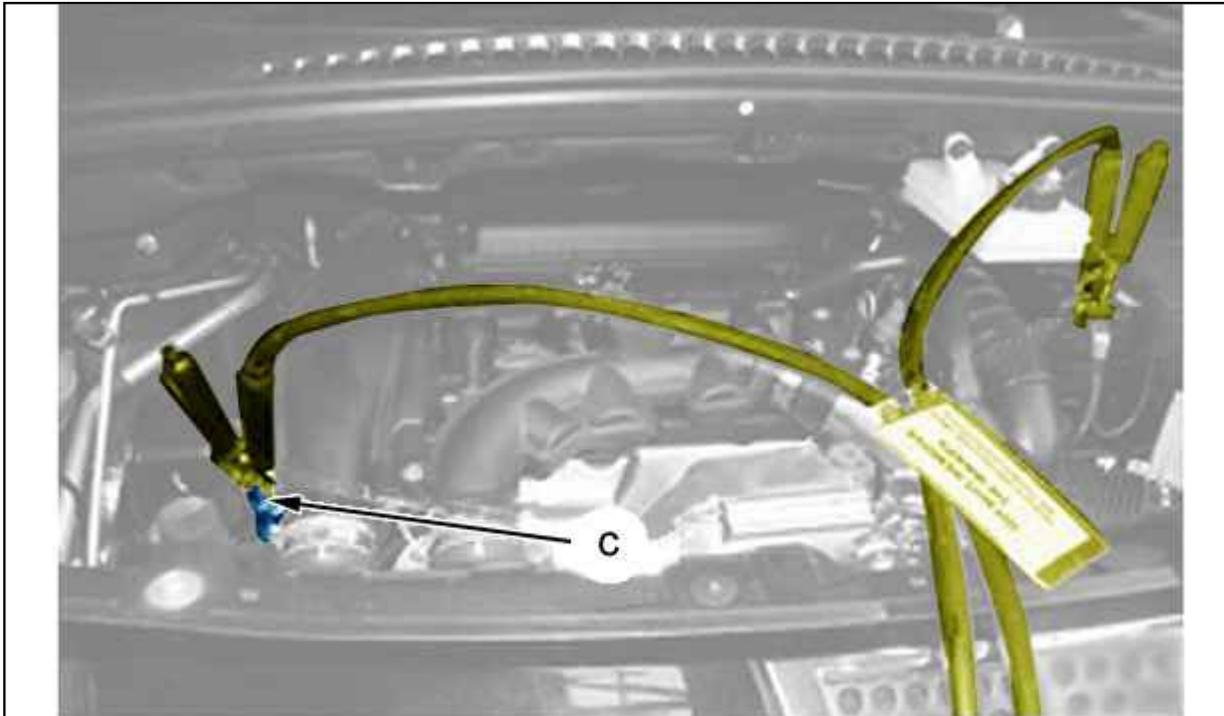


Figure : D1AD00TD

**N.B. :** The earth screw offset on the front panel crossmember is only accessible using pliers of average size (at "c"). To use a large clip, connect the black cable to one of the bolts of the engine mounting.

### 7.8. PEUGEOT 407 - PEUGEOT 407 Coupe (Not 2,7 HDI)

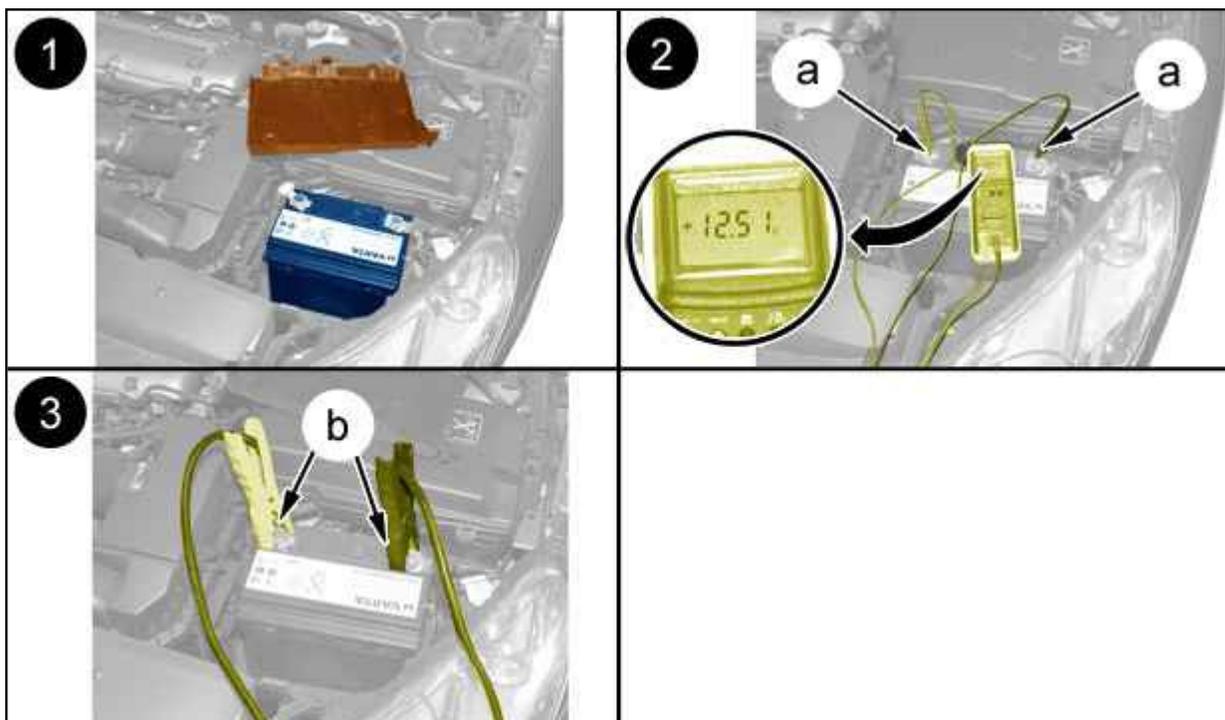


Figure : D1AD00AD

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Remove the battery cover
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Refit the battery cover

Figure □ : Battery charging :

- Open the bonnet
- Remove the battery cover
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the battery cover

## 7.9. PEUGEOT 407 - 407 Coupe (2,7 HDI)

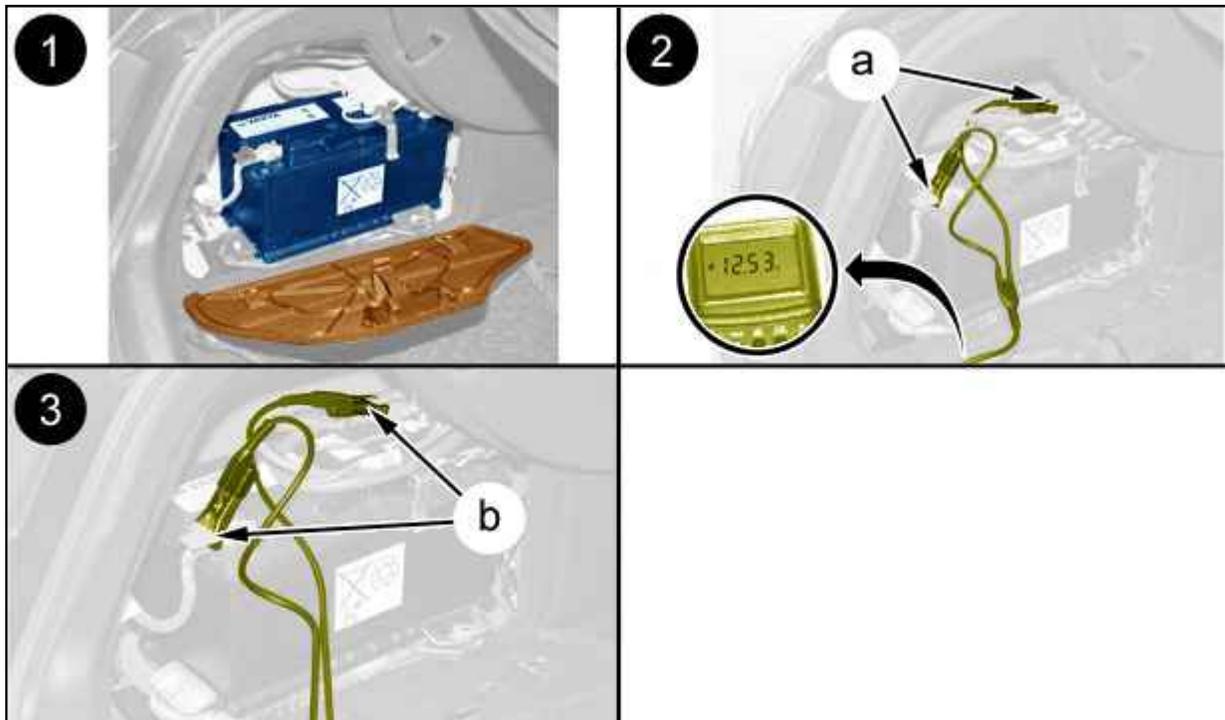


Figure : D1AD00BD

Figure □ : Battery location :

- The battery is located in the boot, behind the left-hand side trim
- The access flap permits access to the positive spade terminal of the battery
- A remote terminal block (positive terminal and earth) is located under the bonnet

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the boot
- Remove the flap for access to the battery

- Check the battery using a battery tester or a voltmeter (at "a") (The black tip on the earth and the red tip on the positive terminal)
- Refit the boot trim and the access flap

Figure □ : Battery charging :

- Open the boot
- Remove the flap for access to the battery
- Connect a charger approved by the marque to the battery (at "b") (The black cable on the earth and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the boot trim and the access flap

## 7.10. PEUGEOT 508

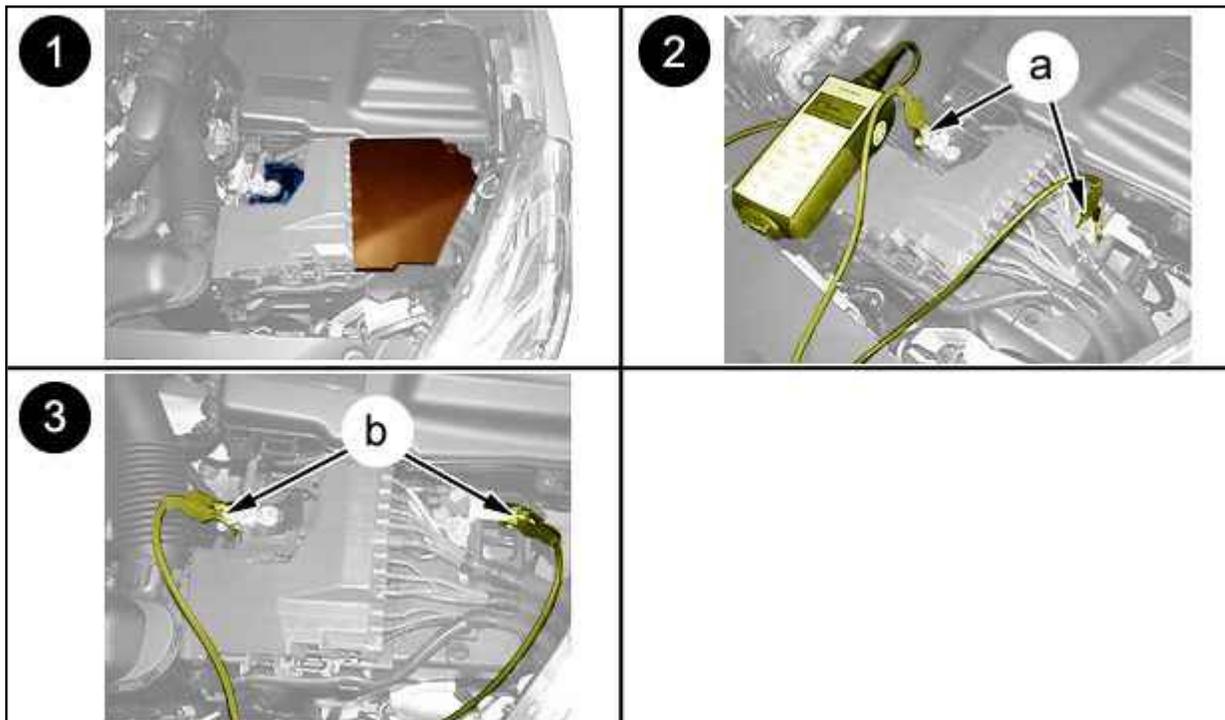


Figure : E3BD006D

Figure 1 : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover (Battery negative terminal side)

Figure 2 : Checking the battery using a battery tester or voltmeter :

- Open the bonnet
- Remove the battery cover
- Check the battery charge status using a battery tester or a voltmeter (the black tip on the negative terminal of the battery and the red tip on the positive terminal of the battery) (at (a))
- Refit the battery cover (Available in the on-board equipment)

Figure 3 : Battery charging :

- Open the bonnet
- Remove the battery cover
- Connect a charger approved by the marque to the battery (Black cable connected on the earth cable carrier crimped to the battery status control unit output, red cable on the positive terminal of the battery at (b))

- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the battery cover (Available in the on-board equipment)

**CAUTION :** The battery on vehicles that have the Stop and Start function can be recharged just like a battery on conventional vehicles. Recharging is performed using the approved equipment (charger GR1), keeping the vehicle cables connected on the battery.

### 7.11. PEUGEOT 607

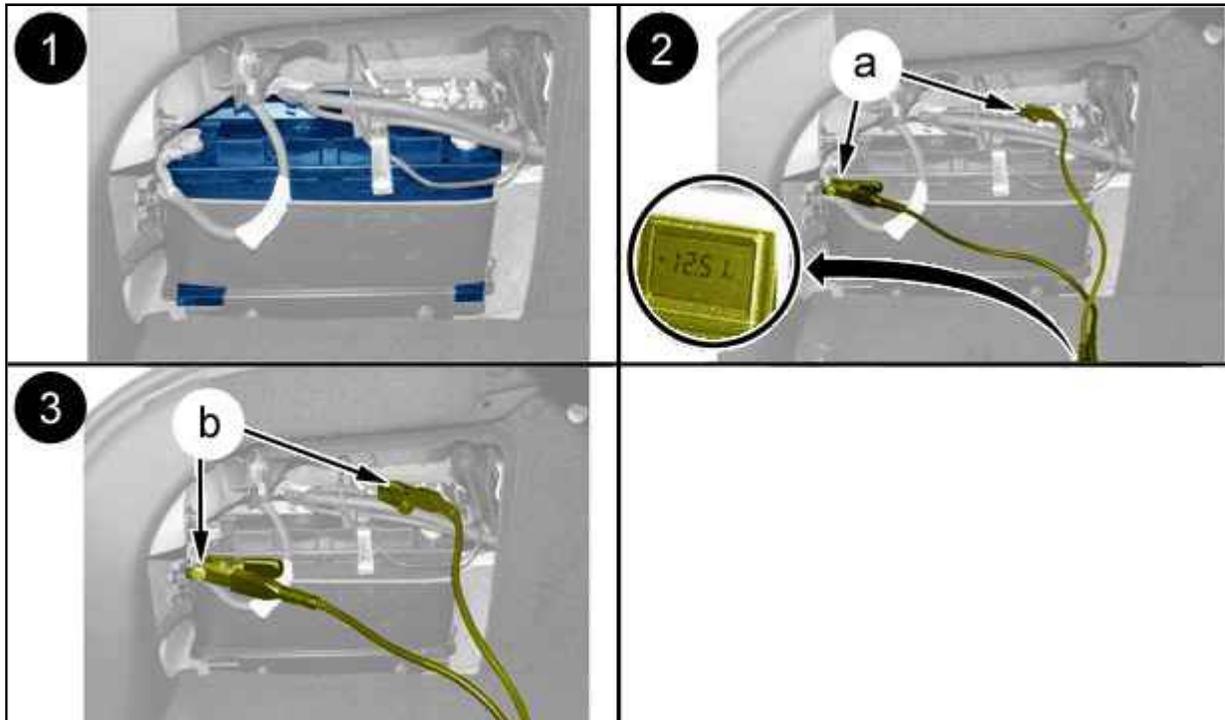


Figure : D1AD00CD

Figure □ : Battery location :

- The battery is located in the boot, behind the left-hand side trim
- The access flap permits access to the positive spade terminal of the battery
- A remote terminal block (positive terminal and earth) is located under the bonnet

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the boot
- Remove the flap for access to the battery
- Check the battery using a battery tester or a voltmeter (at "a") (The black tip on the earth and the red tip on the positive terminal)
- Refit the boot trim and the access flap

Figure □ : Battery charging :

- Open the boot
- Remove the flap for access to the battery
- Connect a charger approved by the marque to the battery (at "b") (The black cable on the earth and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the boot trim and the access flap

## 7.12. PEUGEOT 807

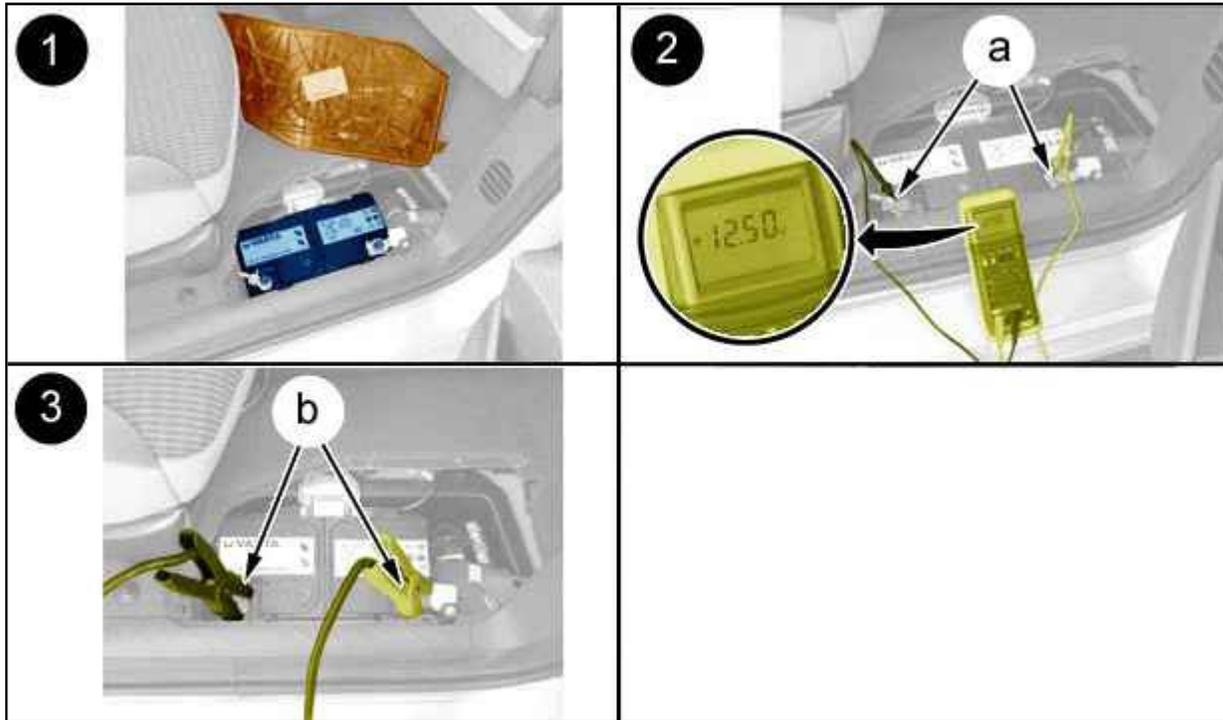


Figure : D1AD00DD

Figure □ : Battery location :

- The battery is located in the passenger footwell
- No remote terminal block under the bonnet

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the door (right side)
- Remove the flap for access to the battery (If necessary, remove the mat)
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Refit the flap for access to the battery (If necessary, refit the mat)

Figure □ : Battery charging :

- Open the door (right side)
- Remove the flap for access to the battery (If necessary, remove the mat)
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal of the battery and the red cable on the positive spade terminal of the battery)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the flap for access to the battery (If necessary, refit the mat)

## 7.13. PEUGEOT 4007

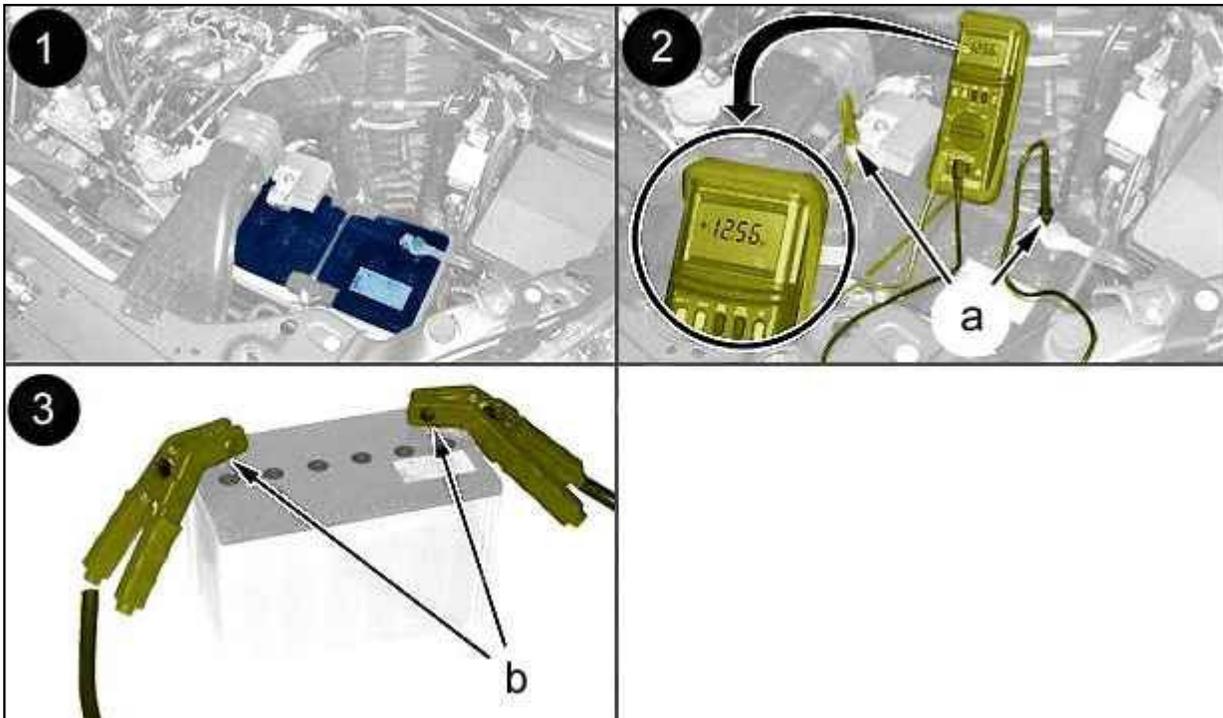


Figure : D1AD00ED

Figure □ : Battery location : The battery is located under the bonnet.

Figure □ : Checking the battery using a battery tester or voltmeter :

- Open the bonnet
- Remove the battery cover
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Refit the battery cover

**URGENT** : Thoroughly clean the top of the battery after charging and prevent contact between the electrolyte and the skin; in the event of contact, wash the exposed part of the body thoroughly in fresh water.

Figure □ : Battery charging :

- Open the bonnet
- Remove : The air inlet line
- Remove : The battery
- Remove : The level plugs
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Clean the top of the battery
- Fit : The level plugs
- Refit the battery
- Fit : The air inlet line

**N.B.** : The standard of the battery fitted on the PEUGEOT 4007 follows the JIS standard.

## 7.14. PEUGEOT BIPPER

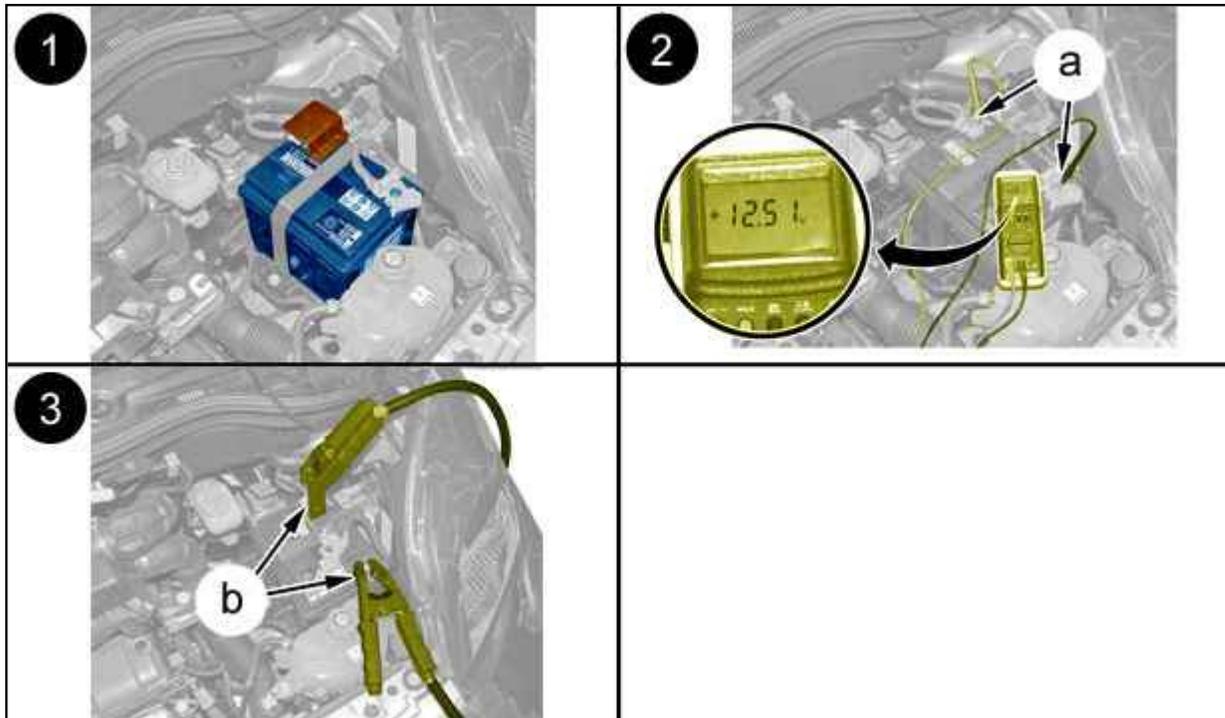


Figure : D1AD00FD

Figure □ : Battery location :

- The battery is located under the bonnet
- Accessibility is direct (no battery cover)

Figure □ : Checking the battery using a battery tester or voltmeter :

- Open the bonnet
- Move aside the cover from the positive spade terminal of the battery
- Check the battery charge status using a battery tester or a voltmeter "a" (the black tip on the negative terminal of the battery and the red tip on the positive terminal of the battery)

Figure □ : Battery charging :

- Open the bonnet
- Connect a charger approved by the Marque to the terminals of the battery "b" (The black cable on the negative terminal and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions

**N.B. :** The standard of the battery fitted on the PEUGEOT BIPPER follows the IEC standard.

## 7.15. PEUGEOT PARTNER ORIGIN

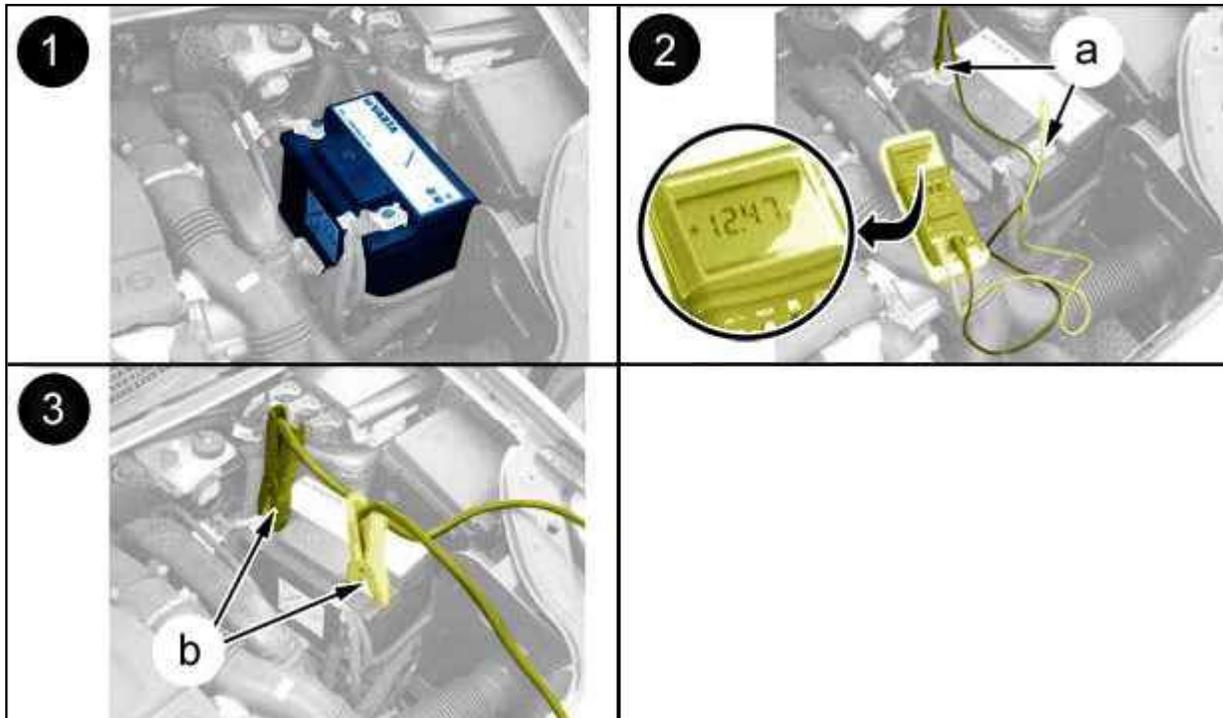


Figure : D1AD00GD

Figure □ : Battery location : The battery is located under the bonnet.

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Remove the battery cover
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Refit the battery cover

Figure □ : Battery charging :

- Open the bonnet
- Remove the battery cover
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the battery cover

## 7.16. PEUGEOT PARTNER (B9)

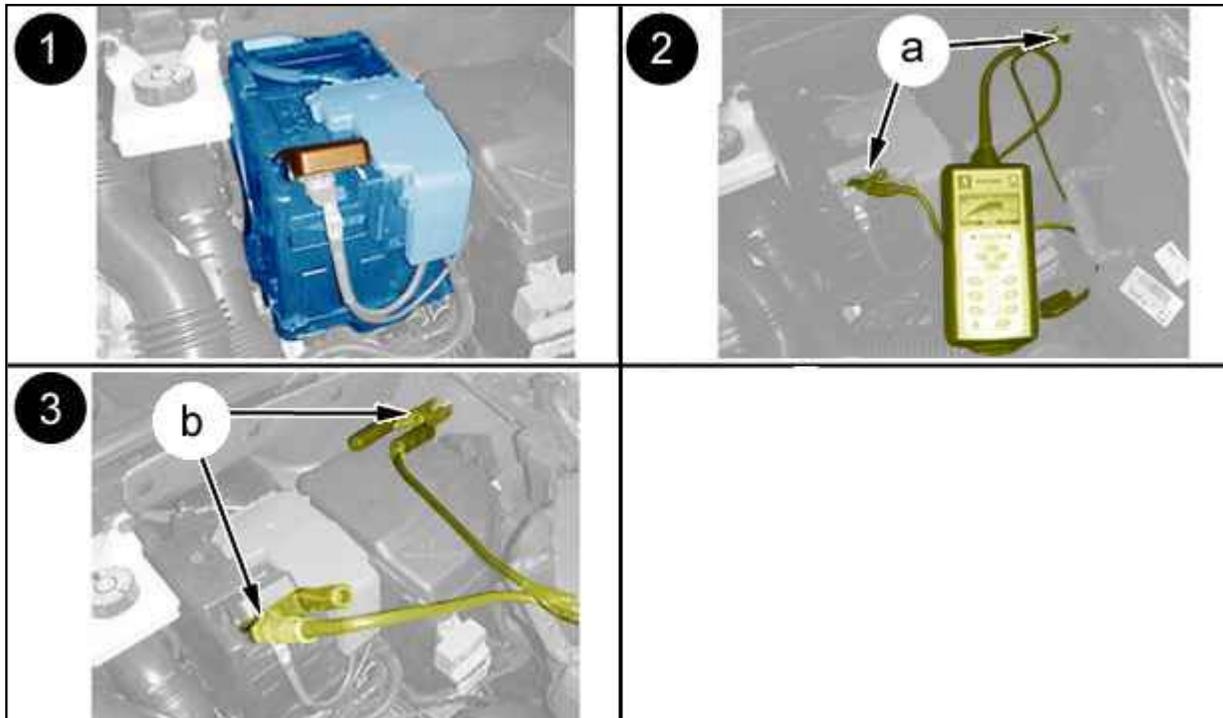


Figure : D1AD00HD

Figure □ : Battery location :

- The battery is located under the bonnet
- The battery is protected by a clipped cover which has a flap for access to the charge indicator "a" and a flap for access to the positive spade terminal
- A separate earth is located on the front LH wing inner panel

Figure □ : Checking the battery using a battery tester or voltmeter :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the remote earth and the red tip on the positive spade terminal of the battery)
- Close the flap for access to the positive spade terminal

Figure □ : Battery charging :

- Open the bonnet
- Open the flap for access to the positive spade terminal of the battery
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the remote earth and the red cable on the positive spade terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions

Close the flap for access to the positive spade terminal.

### 7.17. Peugeot Expert 3

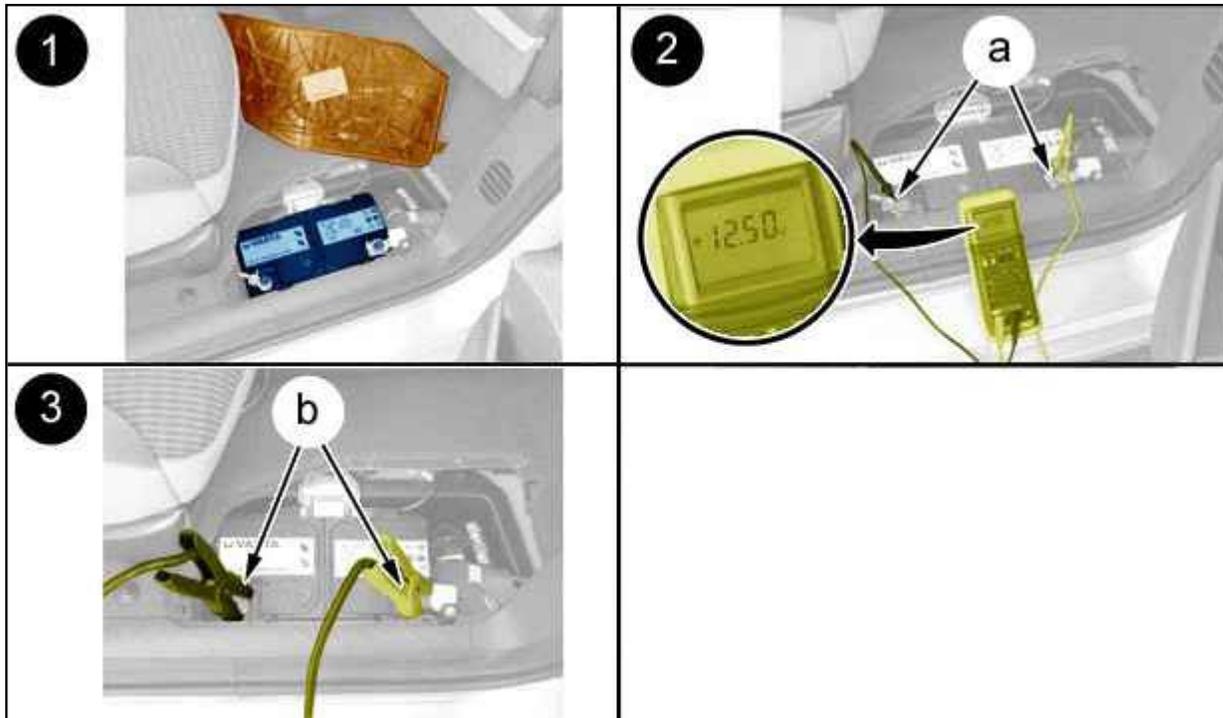


Figure : D1AD00ID

Figure □ : Battery location :

- The battery is located in the passenger footwell
- No remote terminal block under the bonnet

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the door (right side)
- Remove the flap for access to the battery (If necessary, remove the mat)
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the negative spade terminal of the battery and the red tip on the positive spade terminal of the battery)
- Refit the flap for access to the battery

Figure □ : Battery charging :

- Open the door (right side)
- Remove the flap for access to the battery (If necessary, remove the mat)
- Connect a charger approved by the Marque to the battery at "b" (the black cable on the negative spade terminal of the battery and the red cable on the positive spade terminal of the battery)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Refit the flap for access to the battery (If necessary, refit the mat)

## 7.18. Peugeot Boxer 3

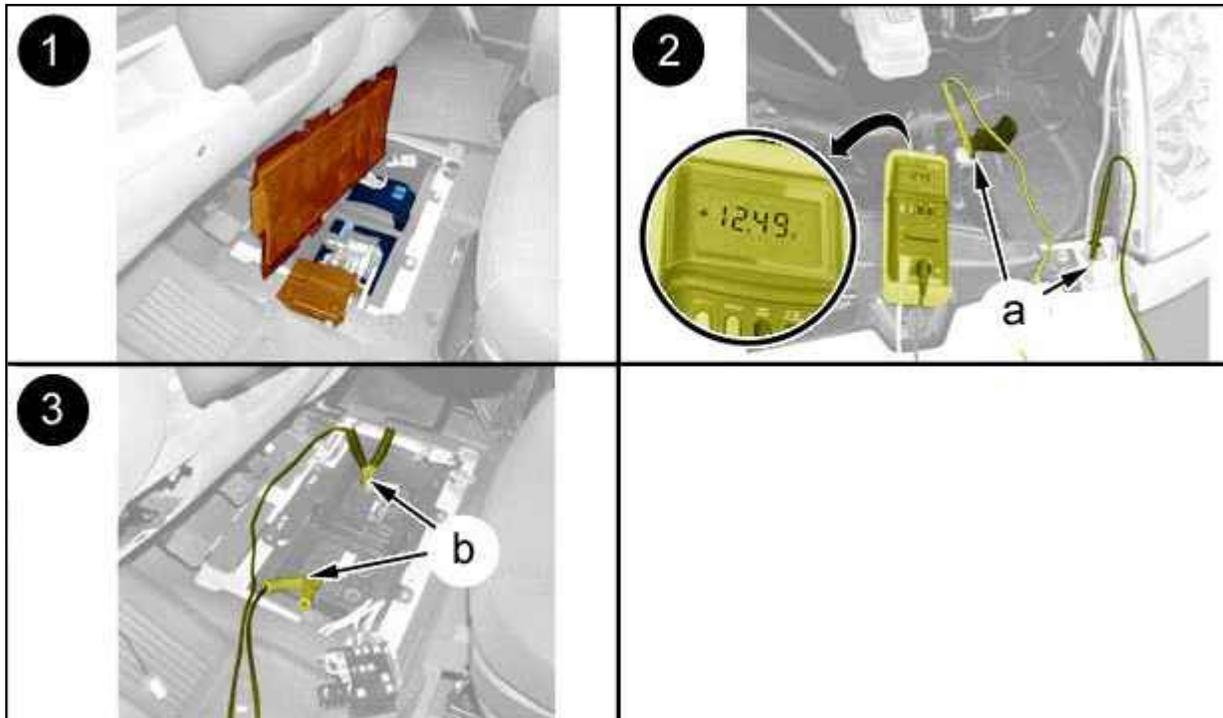


Figure : D1AD00JD

Figure □ : Battery location : The battery is located in the driver's footwell.

Figure □ : Checking the battery using a battery tester or voltmeter (at "a") :

- Open the bonnet
- Open the flap for access to the remote positive terminal
- Check the battery using a battery tester or a voltmeter at "a" (the black tip on the remote earth and the red tip on the remote positive terminal)
- Close the flap for access to the remote positive terminal

Figure □ : Battery charging :

- Open the door (left side)
- Remove the flap for access to the battery
- Disconnect the battery spade terminals
- Connect a charger approved by the Marque to the terminals of the battery "b" (The black cable on the negative terminal and the red cable on the positive terminal)
- Using the approved charger, start the charging of the battery observing the manufacturer's instructions
- Close the flap for access to the battery

**CAUTION :** Disconnect the battery after the vehicle has been stored for 3 days.