

Vehicle Data

Vehicle	TOYOTA YARIS CROSS (MXP_) 1.5 Hybrid (MXPJ10) (85 kW / 116 PS)
Year From/To	2020 / 2025

INDEX

VEHICLE SYSTEM PREPARATION AND RESET

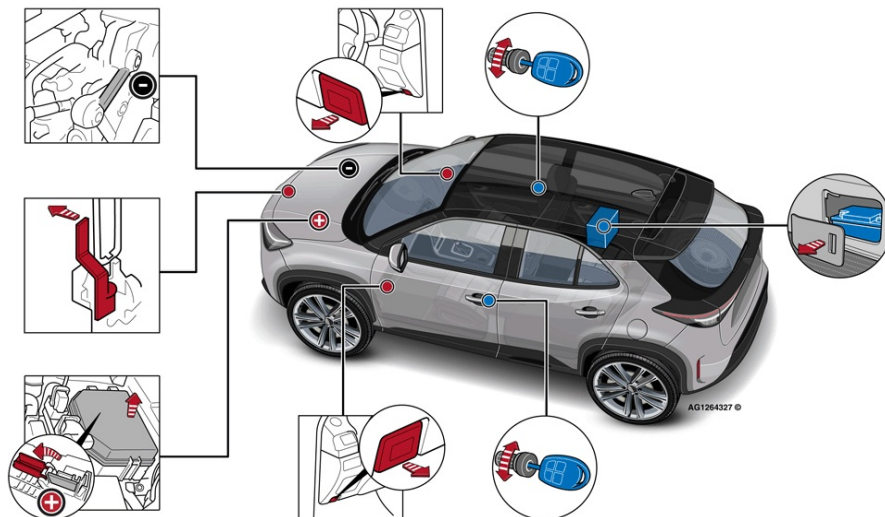
- [1.1 BATTERY LOCATION](#)
- [1.2 GENERAL INFORMATION](#)
- [1.3 BATTERY AND REMOTE JUMP START CONNECTION LOCATIONS](#)
- [1.4 JUMP START CONNECTIONS](#)
- [1.5 BEFORE BATTERY DISCONNECTION](#)
- [1.6 BEFORE BATTERY CONNECTION](#)
- [1.7 AFTER BATTERY CONNECTION](#)

STEP BY STEP FITTING INSTRUCTIONS

- [2.1 AUXILIARY BATTERY](#)
- [2.2 GENERAL WARNINGS](#)
- [2.3 BATTERY REMOVING OPERATIONS](#)
- [2.4 MOUNTING](#)
- [2.5 BATTERY REGISTRATION \(ONLY FOR INTELLIGENT BATTERY SENSOR IBS EQUIPPED VERSION\)](#)
- [2.6 EMERGENCY START AND BATTERY RECHARGE](#)

VEHICLE SYSTEM PREPARATION AND RESET

1.1 BATTERY LOCATION



1.2 GENERAL INFORMATION

Disconnecting battery may erase memory from electronic units (e.g. radio, clock).

Disconnecting battery may erase memory from engine control module (ECM) and/or transmission control module (TCM) necessitating at least one drive cycle to be completed to restore driveability.

To avoid risk of explosion, allow recently charged batteries sufficient time to fully vent before connecting.

Unless otherwise stated:

1.3 BATTERY AND REMOTE JUMP START CONNECTION LOCATIONS

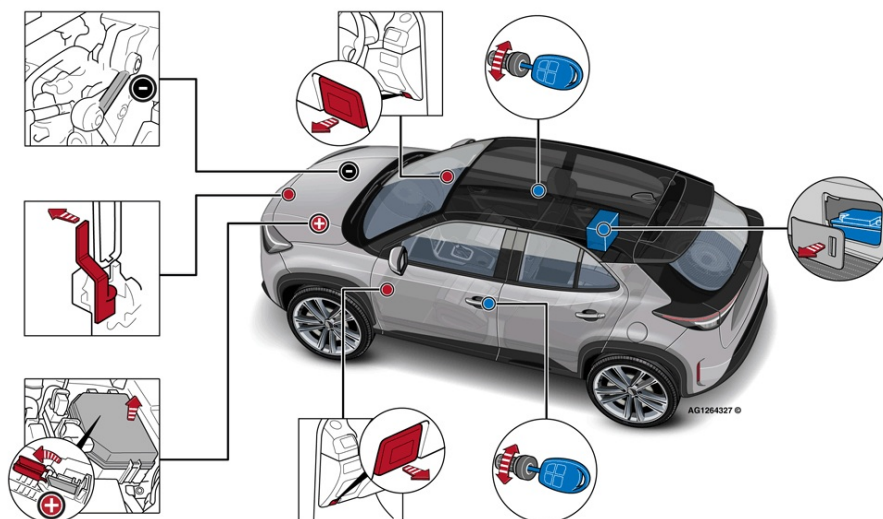


fig1

Yaris Cross fig1

1.4 JUMP START CONNECTIONS

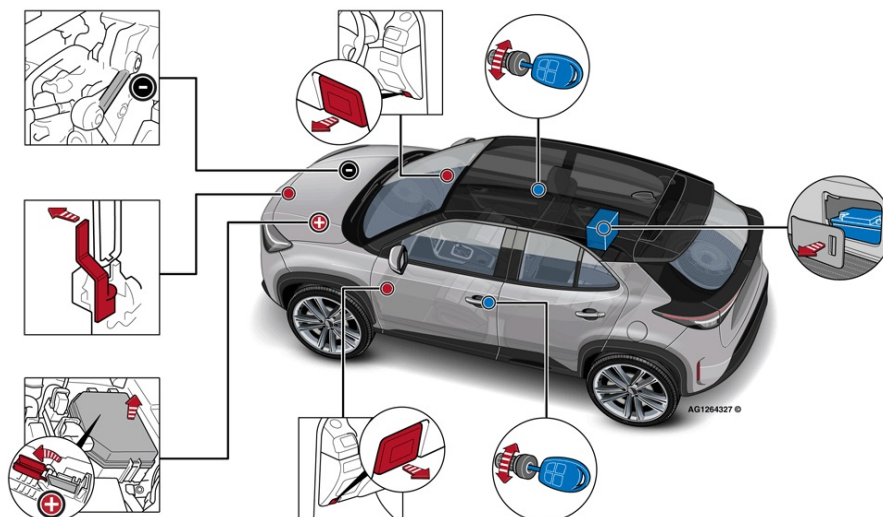


fig1

Remote jump start positive connection: Engine bay fuse box/relay plate fig1.

Remote jump start negative connection: Engine earth point fig1.

1.5 BEFORE BATTERY DISCONNECTION

Switch ignition OFF.

Wait 2 minutes before disconnecting battery.

Before supplementary restraint system (SRS) repairs:

Wait 60 seconds after disconnecting battery before commencing work on SRS components.

1.6 BEFORE BATTERY CONNECTION

No procedures are specified for this model range.

1.7 AFTER BATTERY CONNECTION

Electric windows and sunroof

Switch ignition ON.

Lift and hold window switch in automatic close position to fully close window.

Release switch.

Lift and hold window switch in automatic close position for 6 seconds.

Press and hold window switch in automatic open position to fully open window. Continue to hold switch for 1 second.

Release switch.

Press and hold window switch in automatic open position for 4 seconds.

Lift and hold window switch in automatic close position to fully close window. Continue to hold switch for 1 second.

Check automatic open and close function is now operating correctly.

Repeat procedure for remaining windows.

Remote alarm/central locking

No procedures are specified for this model range.

Driving position memory functions

No procedures are specified for this model range.

Electrical power management

No procedures are specified for this model range.

Telematics

No procedures are specified for this model range.

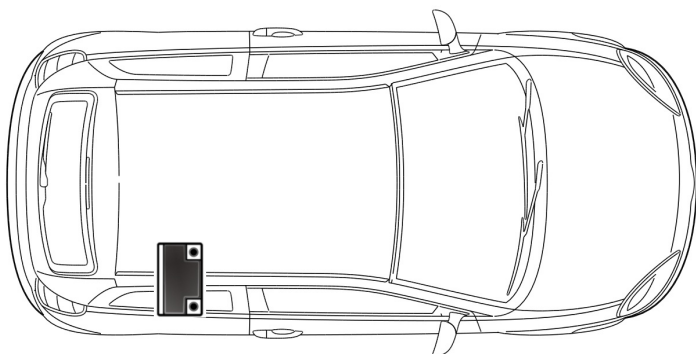
Additional systems

Steering position sensor

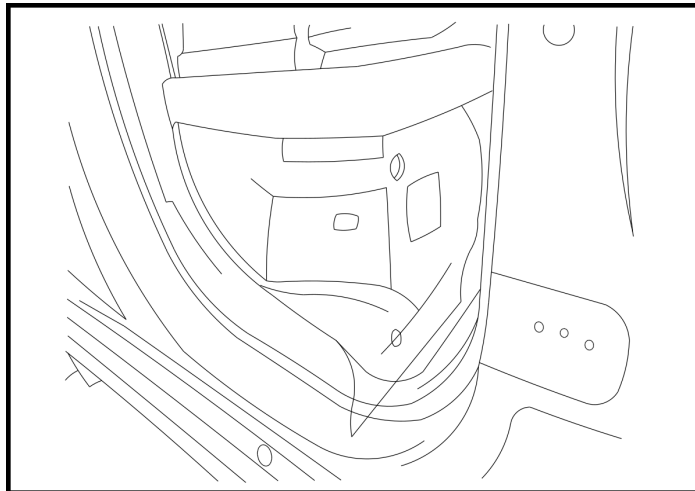
- Drive vehicle at 22 mph (35 kph) in a straight line.

STEP BY STEP FITTING INSTRUCTIONS

2.1 AUXILIARY BATTERY



BATTERY LOCATION



The battery is located under the rear bench

2.2 GENERAL WARNINGS

WHERE FITTED, DISABLE THE SATELLITE ANTI-THEFT SYSTEM (BY SETTING IT TO MAINTENANCE).

MAKE SURE THE IGNITION SWITCH IS SET TO "OFF".

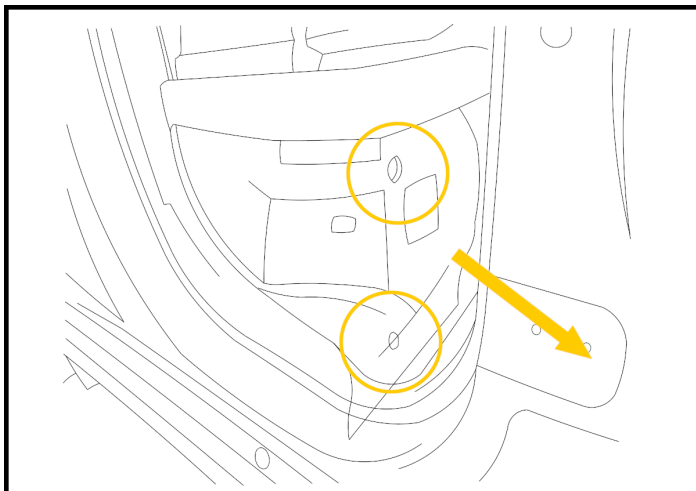
BEFORE DISCONNECTING THE BATTERY, SWITCH OFF ALL THE ELECTRIC ACCESSORIES BEARING IN MIND THE FOLLOWING RECOMMENDATIONS:

- MAKE SURE YOU HAVE THE CAR RADIO SECURITY CODE, IF PROVIDED.
- SOME DATA (E.G. TIME, COMPUTER TRIP AND THE SETTINGS OF CERTAIN ACCESSORIES) WILL BE RESET TO ZERO.
- WAIT FOR THE NECESSARY POWER LATCH TIME REQUIRED FOR THE ELECTRONIC UNITS. THE TIME MAY VARY FROM 5 TO 15 MINUTES DEPENDING ON THE VEHICLE.

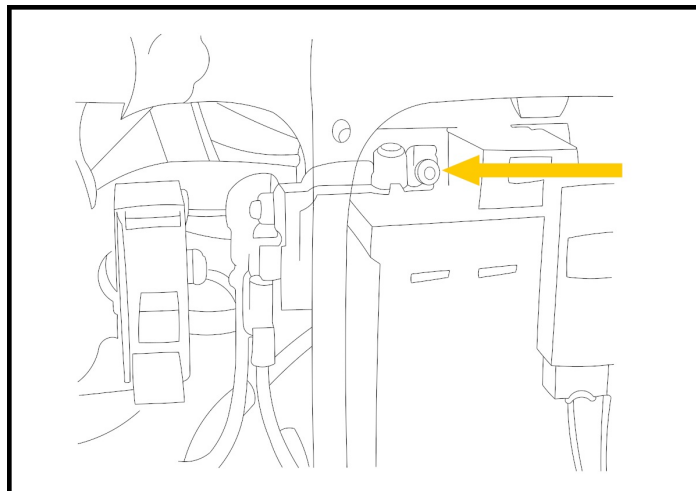
IF THE BATTERY NEEDS REPLACING, MAKE SURE THE NEW ONE IS FULLY COMPATIBLE. FOR VEHICLES WITH THE START&STOP SYSTEM:

ONCE THE BATTERY HAS BEEN DISCONNECTED/REPLACED, THE START&STOP FUNCTION CAN BE DISABLED. IT CAN TAKE ANYTHING BETWEEN 4 TO 6 HOURS IN STANDBY MODE (WITH THE INSTRUMENT PANEL SWITCHED OFF) FOR THE SYSTEM TO RESET. ONCE THE BATTERY HAS BEEN REPLACED/DISCONNECTED, IT IS RECOMMENDED TO RUN DIAGNOSTICS ON THE ELECTRONIC CONTROL UNITS AND REMOVE ANY FAULTS FOUND.

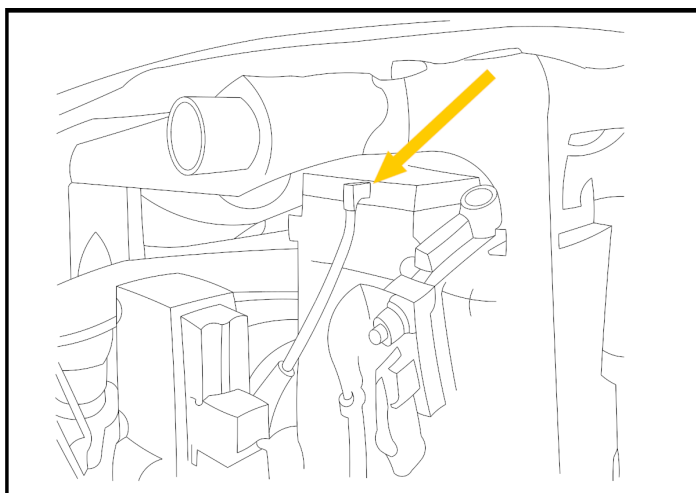
2.3 BATTERY REMOVING OPERATIONS



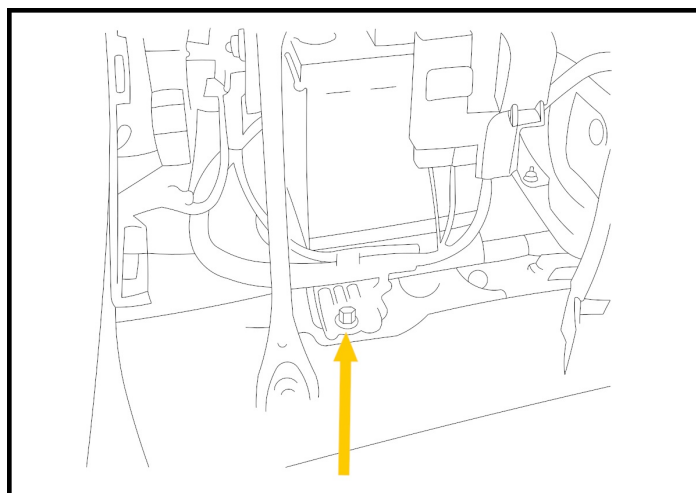
Remove the cover.



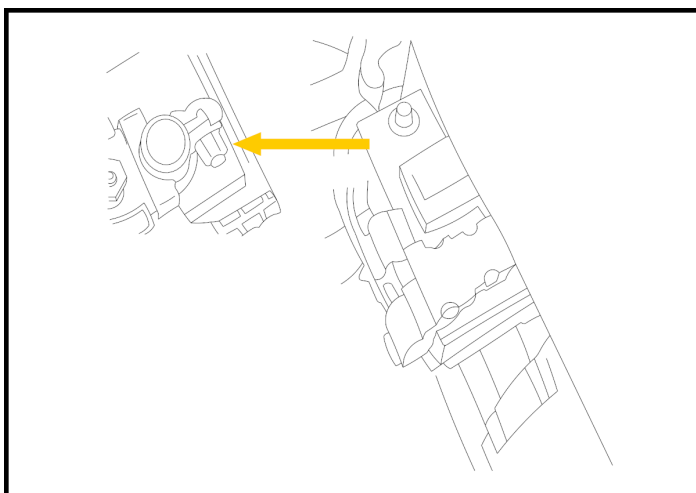
Disconnect the battery negative terminal.



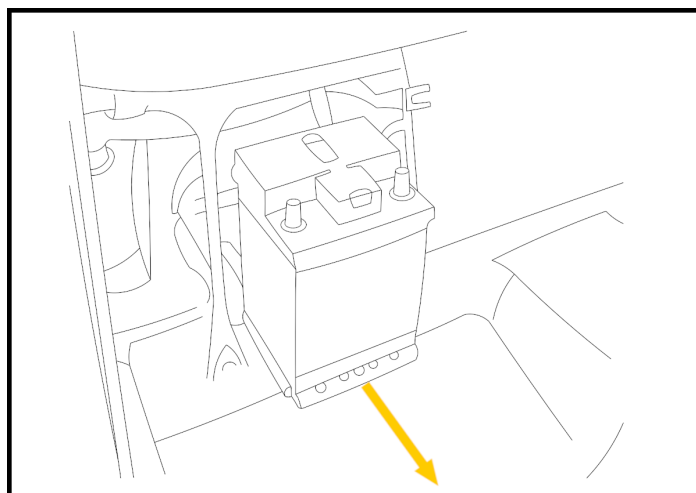
Disconnect the vent pipe.



Remove the battery locking bracket.

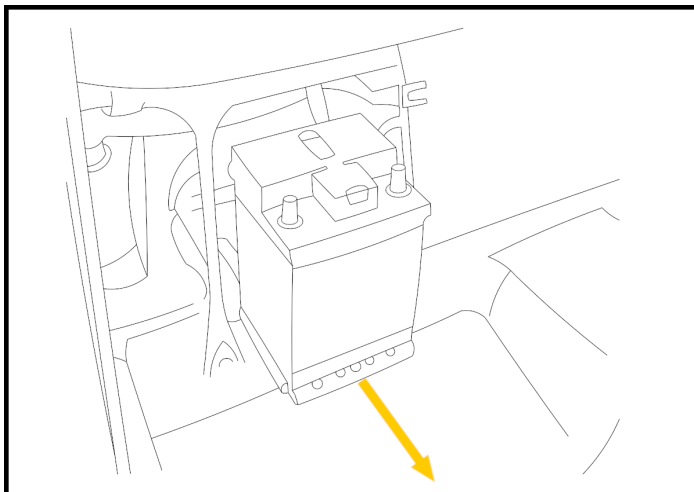


Disconnect the battery positive terminal.

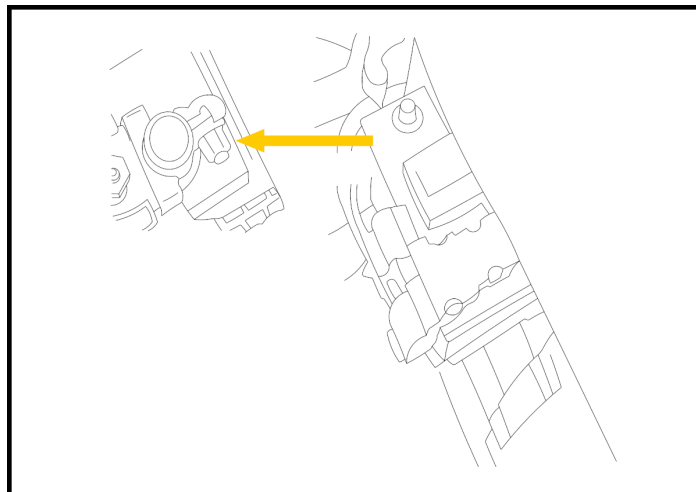


Remove the battery.

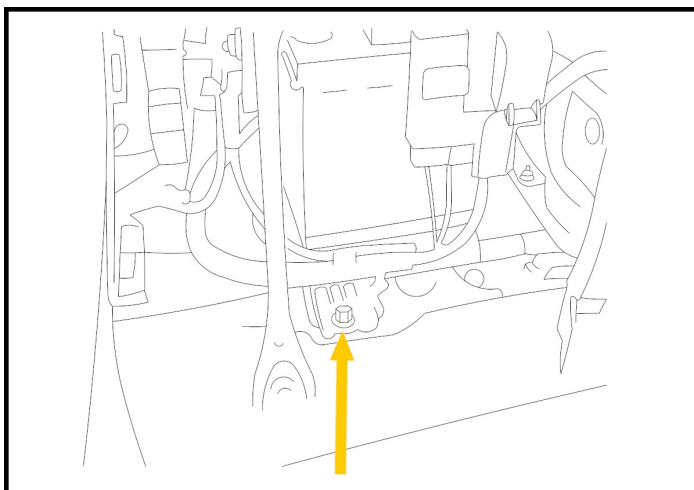
2.4 MOUNTING



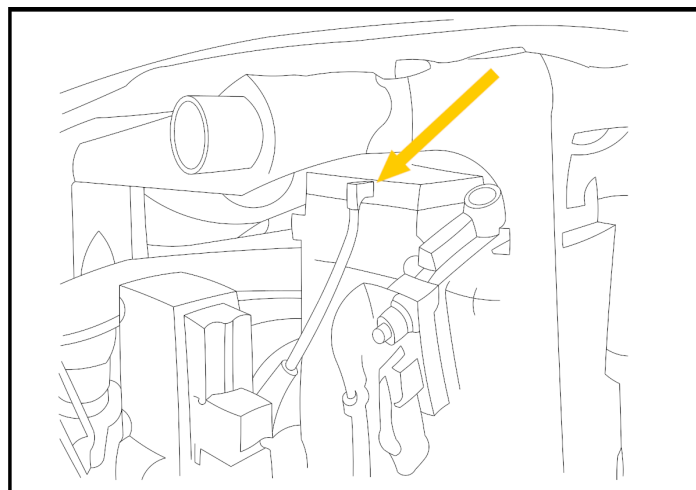
Refit the battery in its slot.



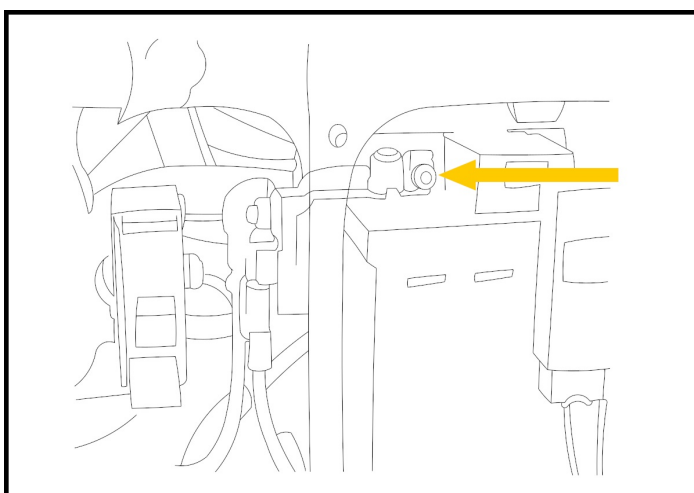
Connect the positive terminal to the battery and tighten the nut



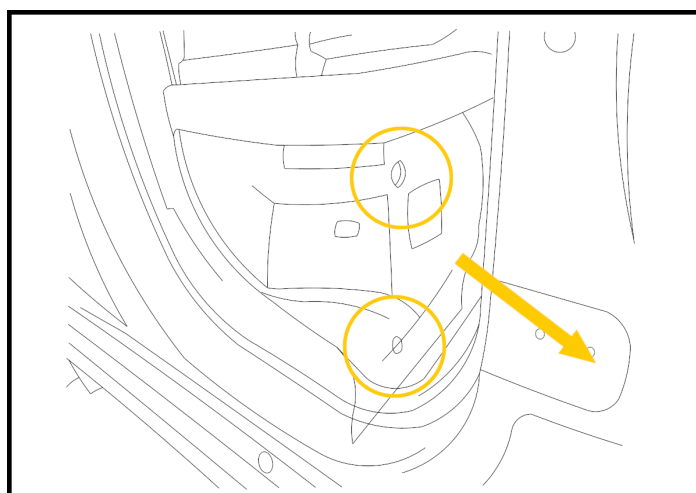
Tighten the battery locking screw.



Connect the vent pipe.



Connect the negative terminal of the battery and clamp the nut.



Install the cover

Component: POSITIVE BATTERY TERMINAL NUT

TIPO: 5,4 NmComponent: NEGATIVE BATTERY TERMINAL NUT

TIPO: 5,4 NmComponent: BATTERY CLAMP SCREW

TIPO: 17 Nm

2.5 BATTERY REGISTRATION (ONLY FOR INTELLIGENT BATTERY SENSOR IBS EQUIPPED VERSION)

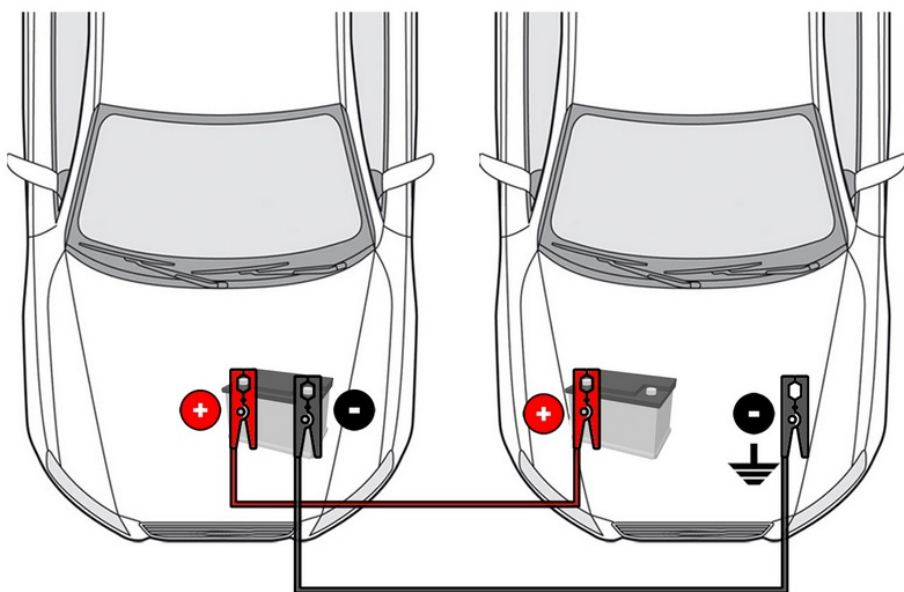
Once the battery has been disconnected/replaced, the start&stop function may be disabled.

It can take anything between 4 to 6 hours in standby mode (with the instrument panel off) for the system to reset.

2.6 EMERGENCY START AND BATTERY RECHARGE

CAUTION: In order to avoid possible malfunctioning behaviours of the intelligent battery sensor IBS, it's needful using the dedicated connecting points for recharge/emergency start, in the user manual specified

The battery recharge must be executed by using specific battery dedicated tools and modes

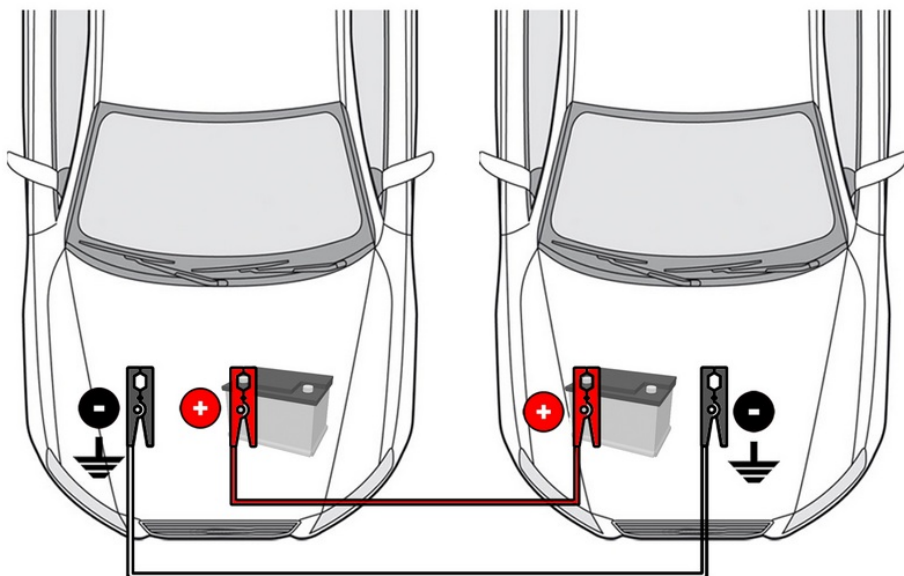


JUMP LEADS CONNECTION DIAGRAM

Vehicles that supply power not fitted with intelligent battery sensor (IBS):

LEFT VEHICLE: VEHICLE NOT FITTED WITH INTELLIGENT BATTERY SENSOR (IBS)

RIGHT VEHICLE: Vehicle fitted with intelligent battery sensor (IBS)



Vehicles that supply power fitted with intelligent battery sensor (IBS):

LEFT VEHICLE: Vehicle fitted with intelligent battery sensor (IBS)

RIGHT VEHICLE: Vehicle fitted with intelligent battery sensor (IBS)

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