TIPS AND TRICKS
Stop & StARS system
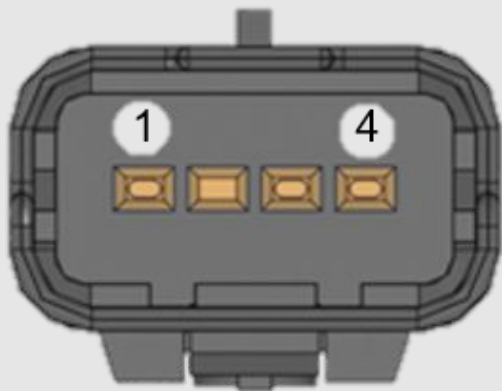
Application	Part numbers
Stop & StARS systems	All models

Stop & StARS system

Super Accumulator Connection pinout

Pin 1: Accumulated voltage signal
Pin 2: Unused
Pin 3: Temperature sensor signal "+"
Pin 4: Temperature sensor signal «-»

Fig .1

iStARS system disassembly precautions

Before remove any part in the circuit (iStARS technology) , the network must be in sleep mode, you must **discharge** the energy from the accumulator with a Specific Service Tool (SST)

NOTE:- If the circuit did not discharge the energy, it will not be safe to work in it and it could cause **serious health problems**

Valeo general fitting recommendations

- **ReStart, StARS & i StARS** systems

    - No **S**pecial **S**ervice **T**ool SST required in changing the part
    - Connect the Diagnostic tool to check if there is any fault appeared
    - If any **sensor fault** happens will results in deactivate the start & stop system, so repairing this fault must be done.
    - When changing the battery or reinforced starter, **avoid replacing** them with another battery or starter specifications, this can cause system fault.
    - After connecting the battery, you should reset the **Battery recognition process** by **pressing** the the Start & stop button for **20 seconds** until **ECO active** message appears on the cluster screen with **Beep sound**
    - if the car is not equipped with start & system from the original manufacturer, so it will be impossible to install reinforced starter

- **i-StARS** system: **Additional tasks recommended** to be done before restart the vehicle . After replacing it, you should follow the **manufacturer tension belt**, in order to avoid the following

    - **Low tension in belt,** slipping will occurs, and the engine start will not happen and other functions which depends for the belt will not work properly
    - Belt is **tensioned more than its standard value**, the starter will be damaged due to high tension force on the starter bearing and the lifetime of the belt will be affected badly.