



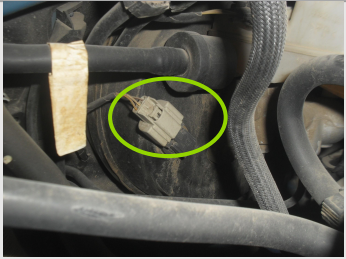

## TIPS AND TRICKS

### ReStart





**All models with Stop- Starts**

### ReStart system components

| Part Name                                   | Function   | Picture   |
|---|--|---|
| <b>Battery</b>                              | AGM battery high performance .   |   |
| <b>Battery Sensor</b>                       | Measure the SOC and health condition for the battery.  |  |
| <b>Brake booster vacuum pressure sensor</b> | In order to ensure adequate brake power assistance in every situation.   |  |
| <b>DC/DC converter</b>                      | Stabilize the power supply for certain voltage-sensitive electrical components, a DC/DC converter is used in conjunction with the stop-start function. |  |



| Part Name                                  | Function   | Picture   |
|--|--|---|
| <p><b>Stop-Start switch</b></p>            | <p>The switch on the floor console or dashboard can be used to <b>deactivate</b> the stop-start function.</p>  |    |
| <p><b>Starter</b></p>                      | <p>When power is supplied, solenoid plunger and clutch shift lever are activated, and the clutch pinion engages the ring gear, closing the contacts and cranking the starter motor.</p>  |    |
| <p><b>Alternator</b></p>                   | <p>The Alternator has eight built-in diodes, each rectifying AC current to DC current. Therefore, DC current appears at alternator "B" terminal. In addition, the charging voltage of this alternator is regulated by the battery voltage detection system. The alternator is regulated by the battery voltage detection system.</p> |  |
| <p><b>Door, hood, seat belt switch</b></p> | <p>The switches are used to make sure that the doors, hood and seat belts are closed for safety before <b>activate</b> the stop-start system.</p>  |  |

