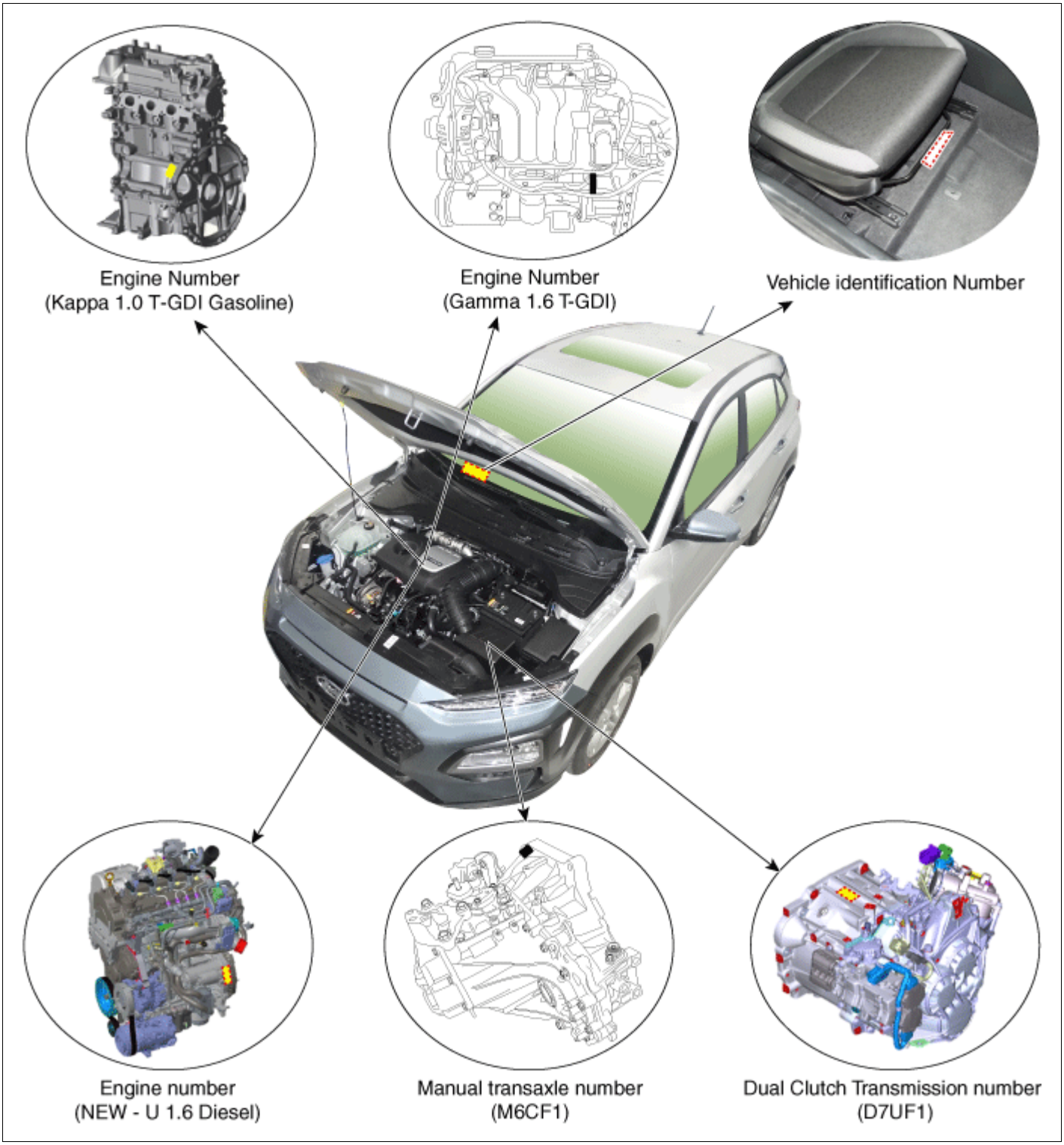


Identification Number Description

Vehicle Identification Number

KMH	K	3	8	1	1	B	J	U	000001
1	2	3	4	5	6	7	8	9	10

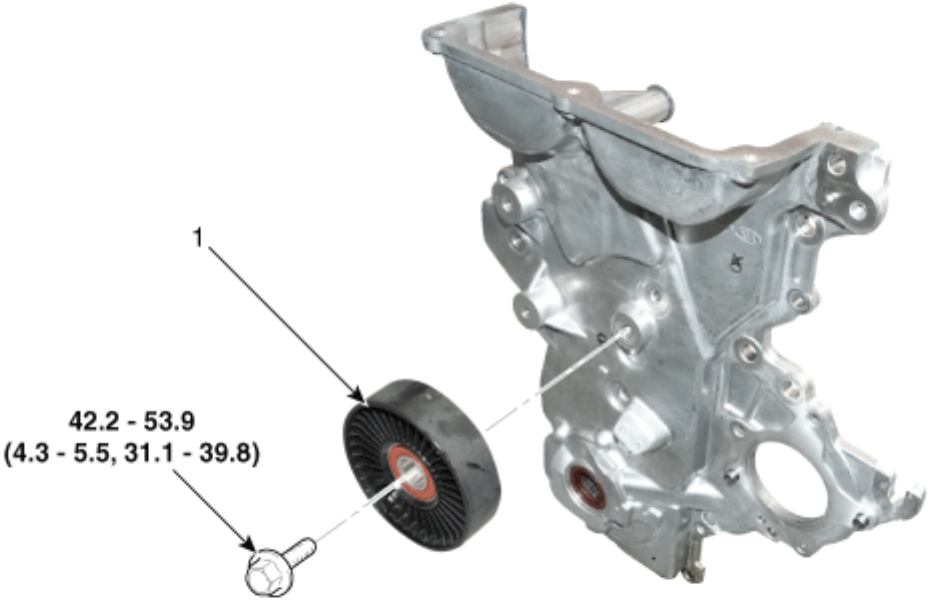
1. Radiator cap caution
2. Fan caution
3. Battery caution

Attention

Srs Vehicle
This car is equipped with a supplemental restraint system. To provide continued reliability, certain elements of the supplemental restraint system shall be serviced or replaced by an authorized dealer ten years after vehicle label.For further information. see owner's manual.

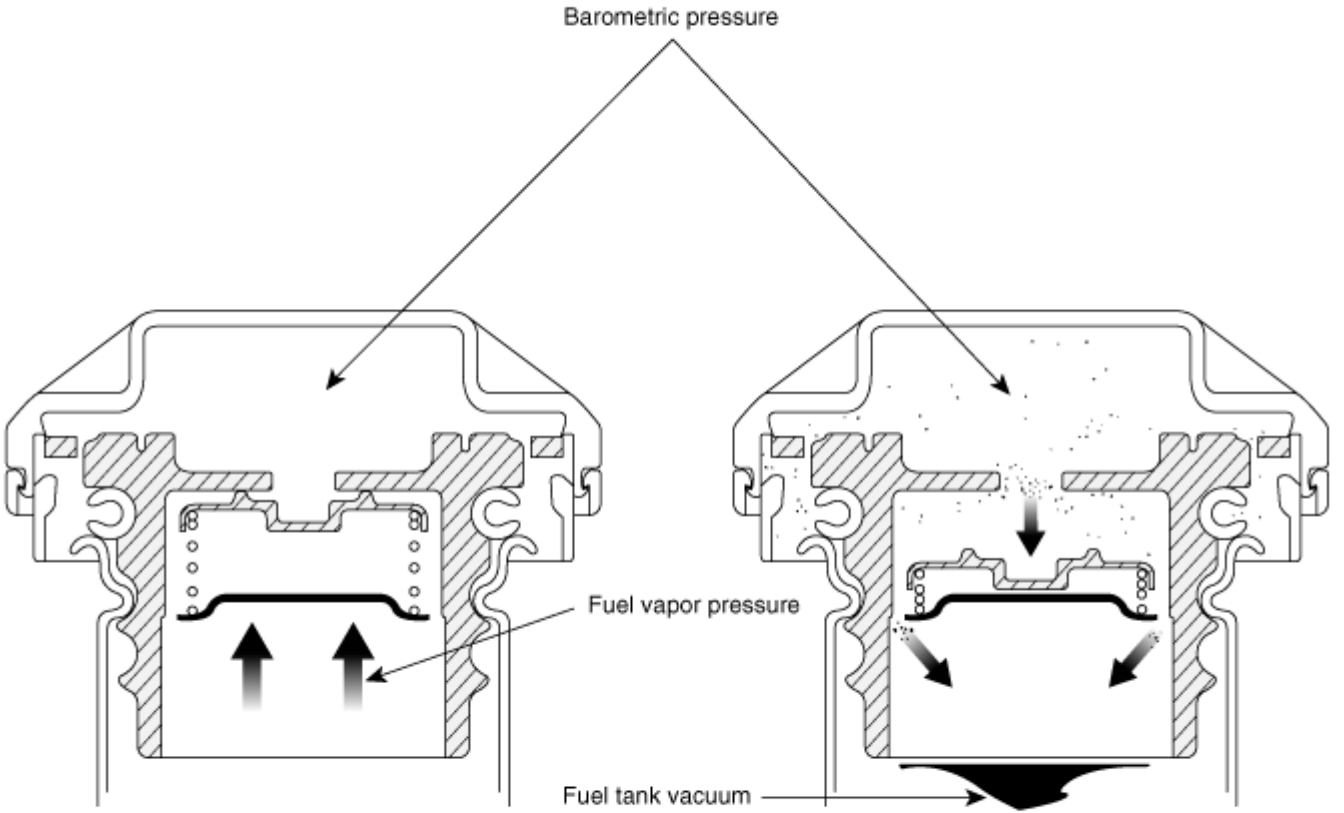
Side Air Bag
This vehicle is equipped with a side airbag system. To provide continued reliability, certain elements of the side airbag system shall be serviced or vehicle manufacturing date shown on the certification label. For further information, refer to the owner’s manual.

Battery Caution Label Description



Tightening torque : N.m (kgf.m, lb-ft)

1. Idler



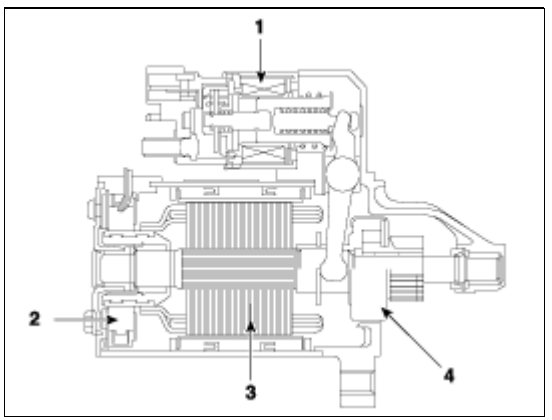
When fuel tank is under pressure

When fuel tank is under vacuum

Hyundai Kona: Starting System / Starter Description and operation

Description

The starting system includes the battery, starter, solenoid switch, ignition switch, inhibitor switch (A/T), clutch pedal switch (M/T), ignition lock switch, connection wires and the battery cable.
When the ignition key is turned to the start position, current flows and energizes the starter motor's solenoid coil.
The solenoid plunger and clutch shift lever are activated, and the clutch pinion engages the ring gear.The contacts close and the starter motor cranks.
In order to prevent damage caused by excessive rotation of the starter armature when the engine starts, the clutch pinion gear overruns.

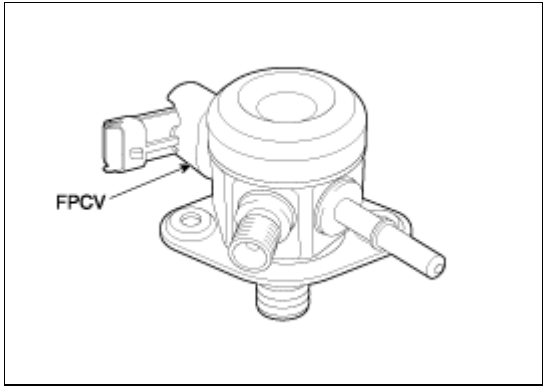


1. Solenoid
2. Brush
3. Armature
4. Overrun clutch

Hyundai Kona: Engine Control System / Fuel Pressure Control Valve (FPCV) Description and operation

Description

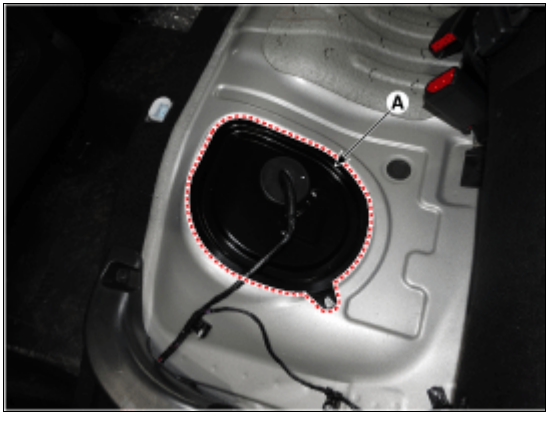
Fuel Pressure Control Valve (FPCV) is installed on the high pressure fuel pump and controls fuel flow flowing into the injectors in accordance with the ECM signal calculated based on various engine condition.



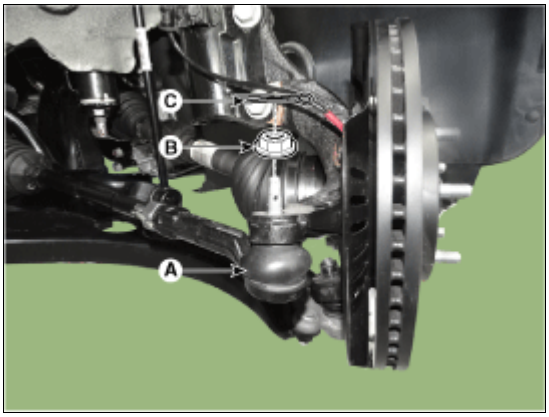
Hyundai Kona: Fuel Delivery System / Fuel Pump Control Module (FPCM) Repair procedures

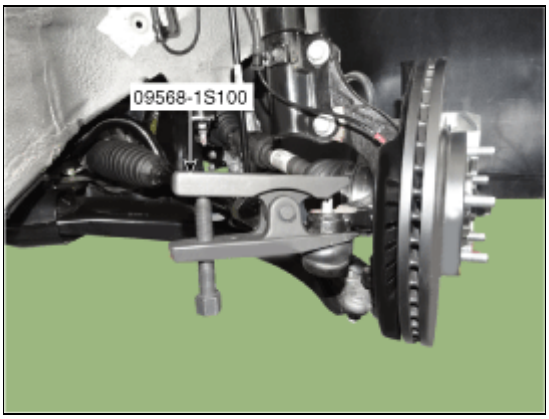
Removal

1. Release the residual pressure in fuel line.
   (Refer to Fuel Delivery System - "Release Residual Pressure in Fuel Line")
2. Remove the rear seat cushion.
   (Refer to Body - "Rear Seat Assembly")
3. Remove the fuel pump service cover (A).

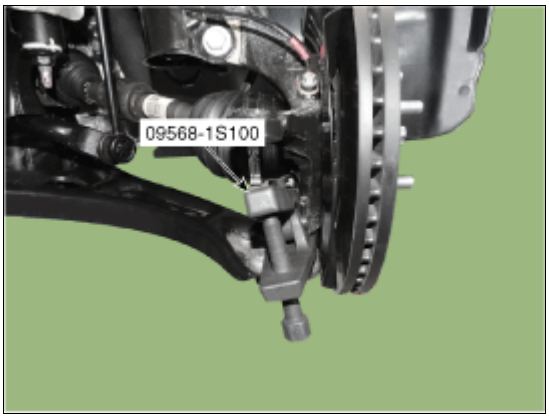


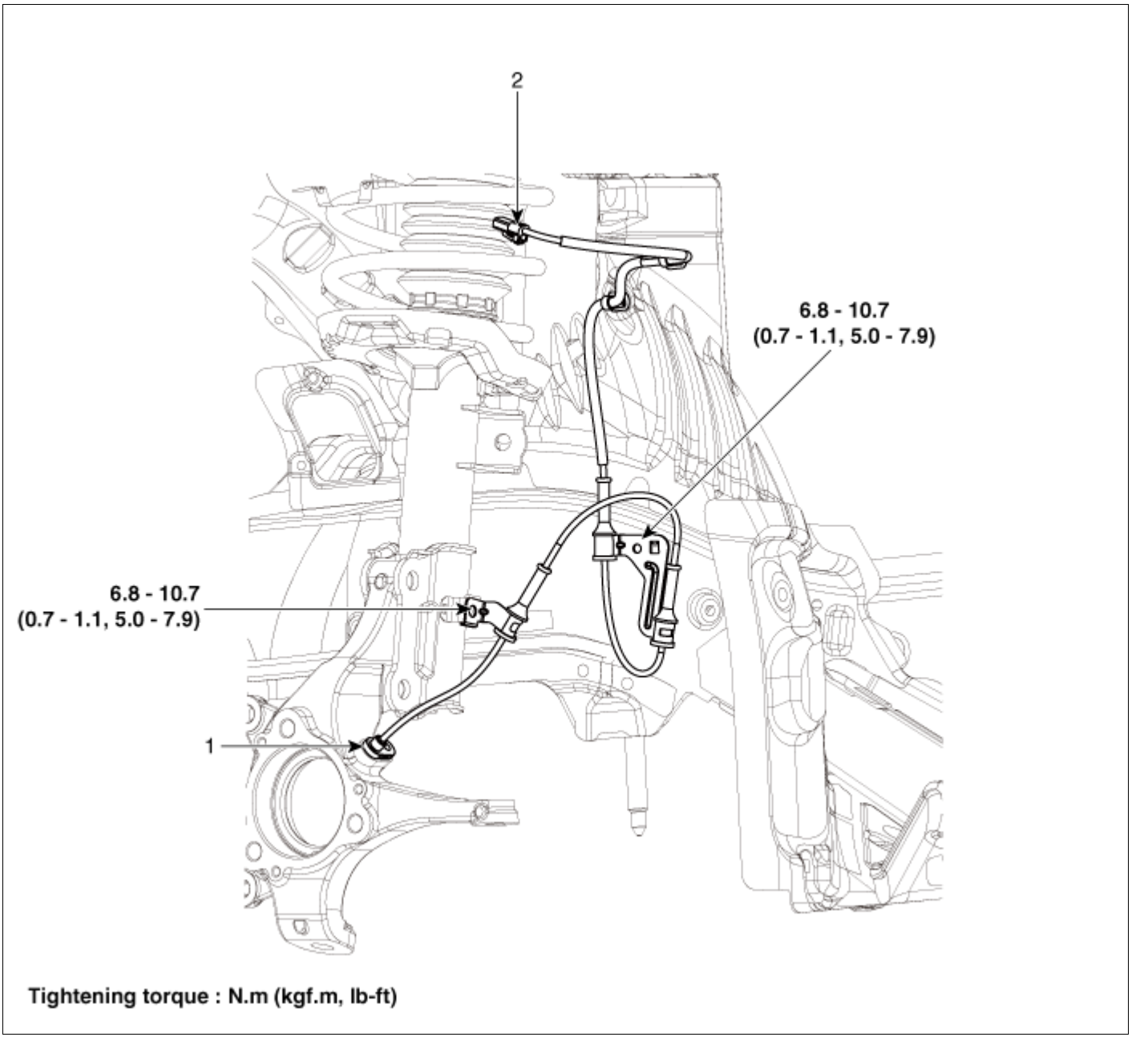
4. Disconnect the fuel pump control module connector (A).
5. Disconnect the fuel pressure sensor connector (B).
6. Disconnect the fuel feed tube quick-connector (C).



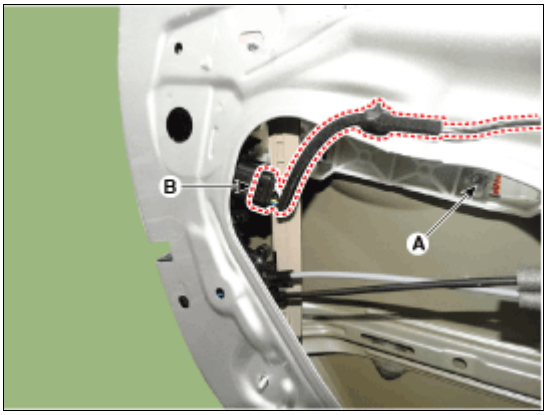


6. Loosen the lower arm nut (A) and then remove the lower arm ball joint by using SST(09568-1S100).
   Tightening torque :
   58.8 - 70.6 N.m (6.0 - 7.2 kgf.m, 43.4 - 52.1 lb-ft)

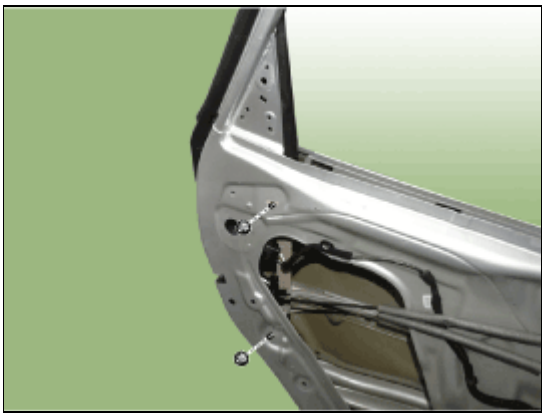


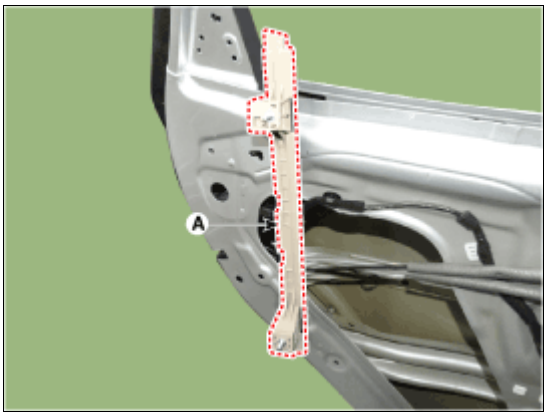


1. Front wheel speed sensor
2. Front wheel speed sensor connector

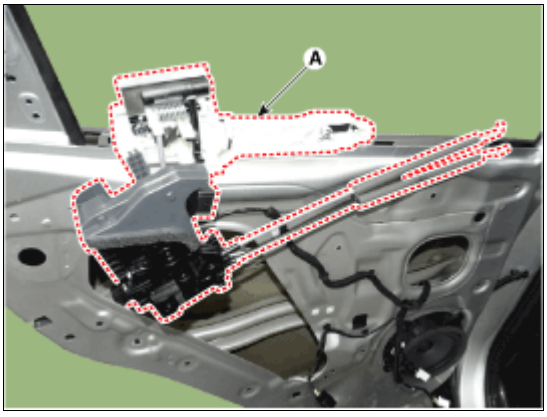


4. After loosening the mounting nuts, remove the rear door channel (A).
   Tightening torque :
   3.9 - 5.9 N.m (0.4 - 0.6 kgf.m, 2.9 - 4.3 lb-ft)



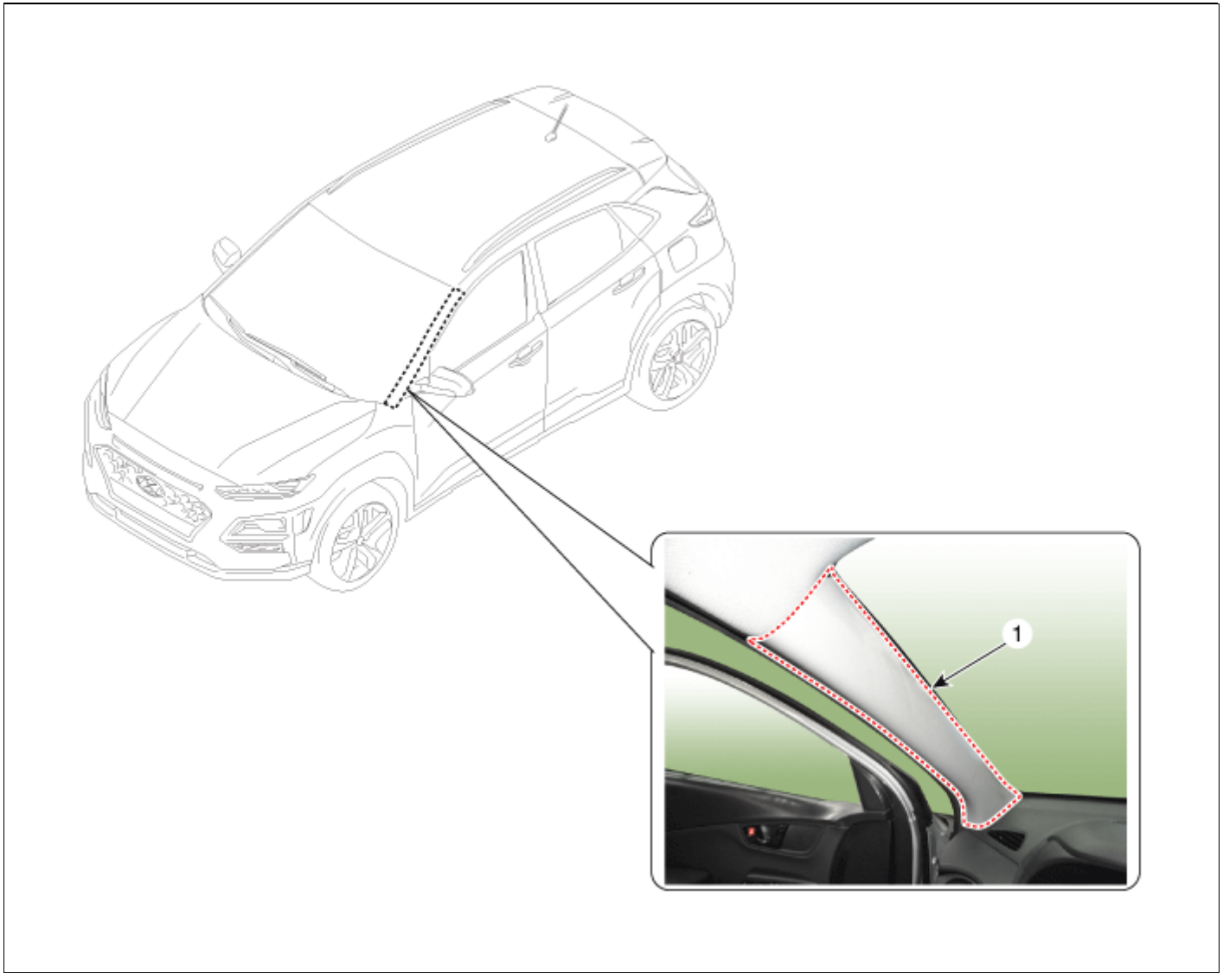


5. Remove the rear door latch (A).



Hyundai Kona: Fuel Filler Door / Components and components location

Component Location



1. Front pillar trim

Hyundai Kona: Interior Trim / Luggage Side Trim Repair procedures

Replacement

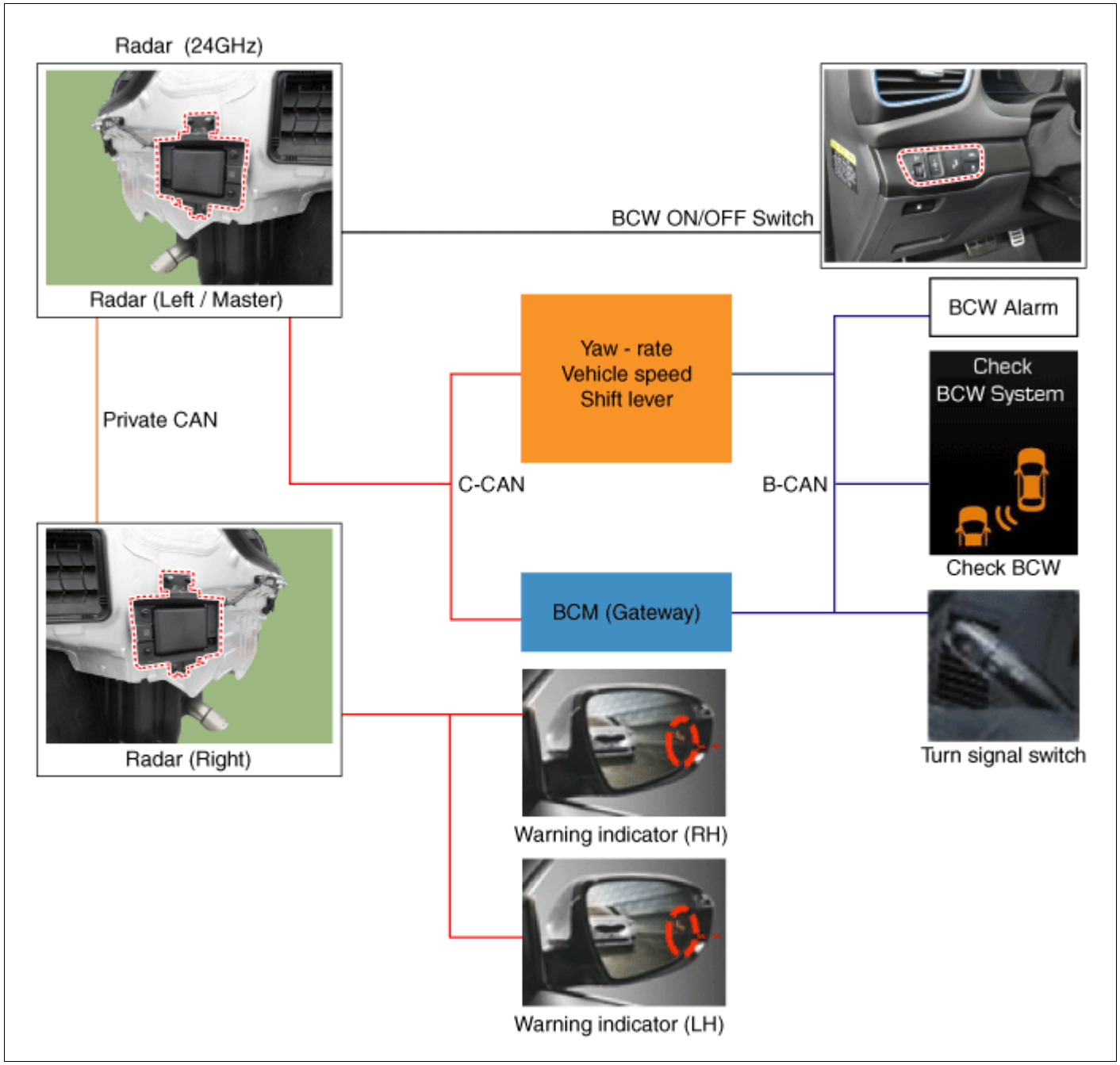
CAUTION

- Put on gloves to prevent hand injuries.

NOTICE

- When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components.
- When removing the interior trim pieces, use a plastic panel removal tool not to damage the surface.
- Take care not to bend or scratch the trim and panels.

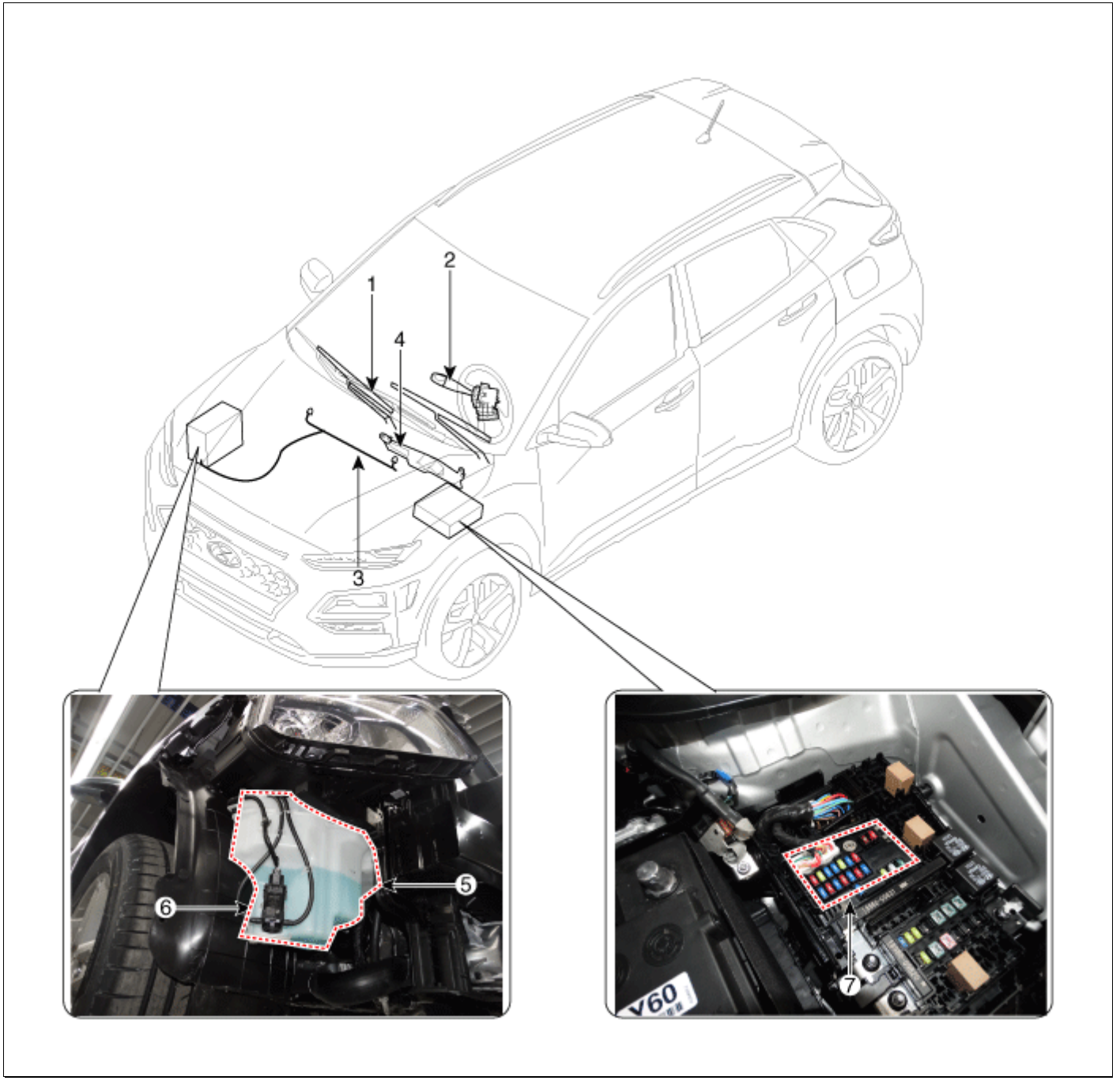
1. Remove the rear seat assembly
   (Refer to Rear Seat - "Rear Seat Assembly")
2. Carefully remove the rear door body side weatherstrip.
3. Carefully remove the tail gate weatherstrip.
4. Remove the rear door scuff trim.
   (Refer to Interior Trim - "Door Scuff Trim")
5. Remove the rear transverse trim.
   (Refer to Interior Trim - "Rear Transverse Trim")
6. After loosening the mounting screws and clip, remove the luggage side trim (A).



BCW is a system that measures the relative speed and distance from the following vehicles by using two electromagnetic wave radar sensors attached to the rear bumper, and detects any vehicle within the blind spot zone and gives off alarm (visual and auditory).

– Blind-Spot Collision Warning Indicator (BCW) : Senses other vehicles in the BCW zone and turns on the BCW warning lamp for the driver.
  Warning lamp starts blinking when the driver turns on the turn signal lamp to enter the lane where another vehicle is driving.
– Lane Change Assist (LCA) : Senses other vehicles approaching at high speed in the BCW zone and turns on the BCW warning lamp for the driver.
  Warning lamp starts blinking when the driver turns on the turn signal lamp without recognizing any sudden approaching vehicle from that direction.
– Rear Cross Traffic Alert (RCTA) : When the vehicle is on the reverse, the RCTA generates alarm to alert another vehicle approaching from the rear and side.

System Operating Mode



1. Windshield wiper arm & blade
2. Wiper & washer switch
3. Windshield washer hose & nozzle
4. Washer motor & linkage assembly
5. Washer motor
6. Washer reservoir
7. Wiper/Washer relay (Built - in PCB block)