 <h1 style="text-align: center;">TSB- Local</h1>	<b>Model</b>	SORENTO(UM) (2015)
	<b>Group</b>	Body Electrical System (92)
	<b>TSB No.</b>	KCE15-92-P230-UM
<b>Subject</b>  <b>R-MDPS Earth Strap / Bolt Check</b>	<b>TSB Type</b>	Service Action
	<b>Published</b>	

## Description

This bulletin provides information about how to check / install R-MDPS earth bolt. Some of Sorento (UM) RHD vehicles might experience the R-MDPS earth cable incorrectly positioned or not installed.

### ■ Countermeasure/remedy

Take an action depending on conditions below:

- Visually check there is the earth bolt in the correct position for RHD vehicles. If it is found, no further action is required.
- If there is no earth strap / bolt in the correct position, remove the air cleaner assembly following the Service Procedure below and check.
- If there is no earth strap mounted (earth strap cable loose), use a new bolt to secure the earth strap. If the earth strap is incorrectly mounted use the same bolt and reposition the earth strap.
- Delete DTC using GDS if any DTC is found.

## Applicable Vehicles

- **Model:** Sorento (UM) RHD Vehicles equipped with R-MDPS
- **Applicable vehicle production date range:** From Nov. 17, 2014 through May 8, 2015
- **Applicable VIN range:** Check campaign look up
- **Area:** U.K, Australia, New Zealand, Ireland, Cyprus, Malta

## Parts Information

PART NAME	PART NUMBER	REMARK
Ground Bolt		Only use if bolt missing !
	1141508167	

## Operation Code And Time

OP CODE	OPERATION	OP TIME	NATURE		CAUSE	
			New	Old	New	Old
150044P0	Ground Bolt inspection	0.1 M/H				
150044P1	Ground Bolt Inspection / Installation / re-positioning	0.3 M/H	I12	N33	ZZ3	C29

## Service Procedure

**NOTE**

***Before conducting this procedure, verify that the vehicle is included in the attached VIN list.***

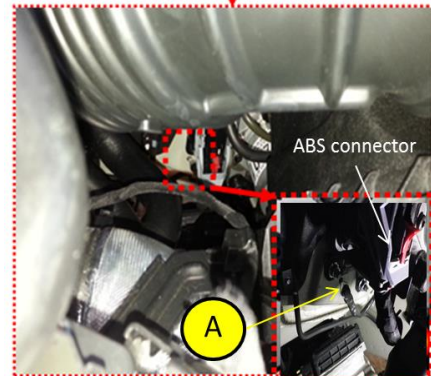
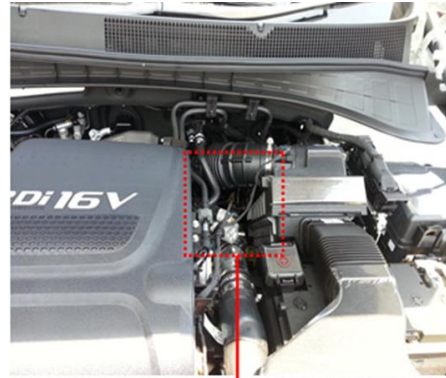
***If not, no further procedure is required.***

## How To Inspect Ground Bolt

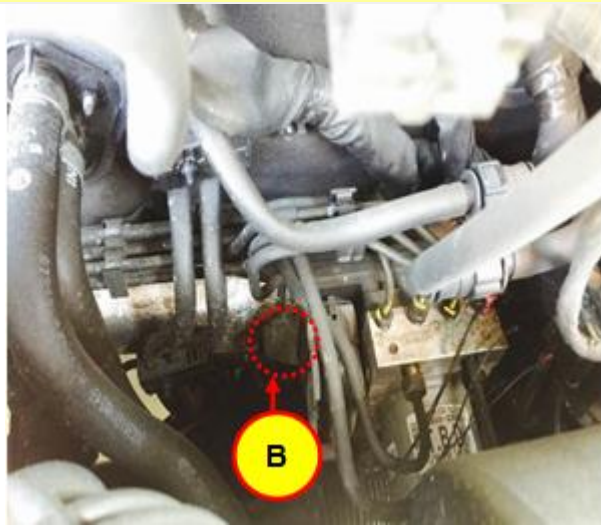
1. Open the bonnet and visually check there is a earth strap / bolt (A) on body panel (looking through engine and air cleaner) or by using a mirror down the back of the air box assm. Earth point is below the ABS unit.

### NOTE

- If the ground bolt (A) is found, no further action is required.
- If there is no ground bolt (A), follow the Service Procedure below



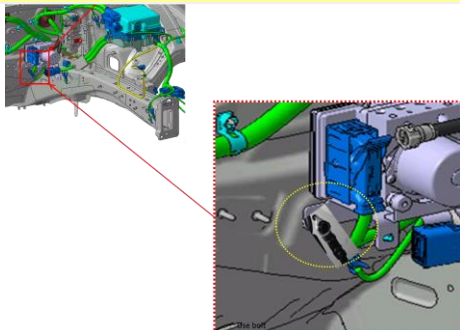
### View When There Is No Ground Bolt



(B): Positon of earth strap / bolt RHD only

Use a mirror behind the air box assm. Mounting is under the unit

### Detailed Position To Install Ground Bolt

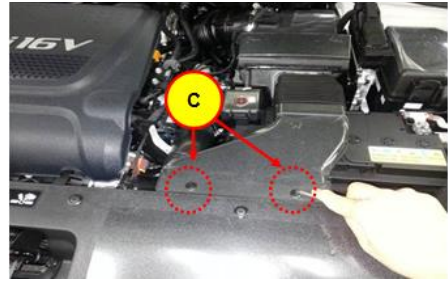


Circled - Positon of earth strap / bolt RHD only

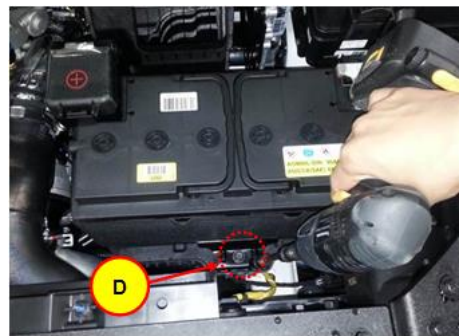


## How To Inspect and/or Install Ground Bolt After Air Cleaner Assembly Removal

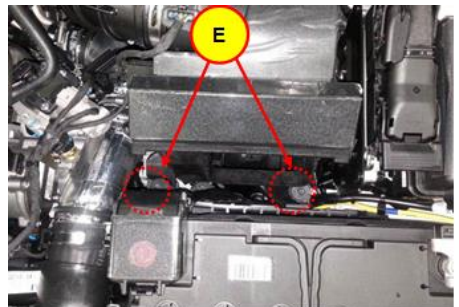
1. Remove the two fasteners (C) and remove the air duct.



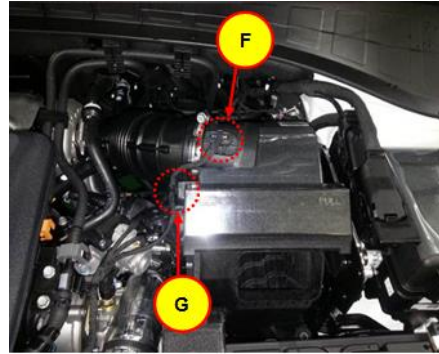
2. Remove the battery bracket (D).



3. Remove the two air cleaner bolts (E).



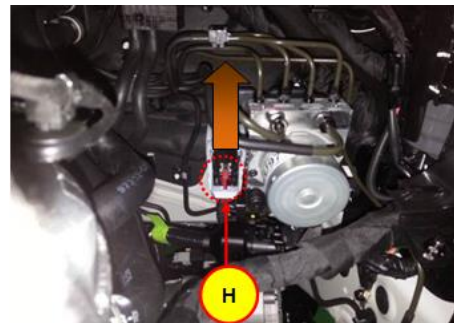
4. Remove the air flow sensor connector (F) and the wire clip (G) and remove the air cleaner assembly.



5. Remove the hydraulic electronic control unit connector.

**NOTE**

**Move the red clip (H) UP to remove the hydraulic electronic control unit connector.**



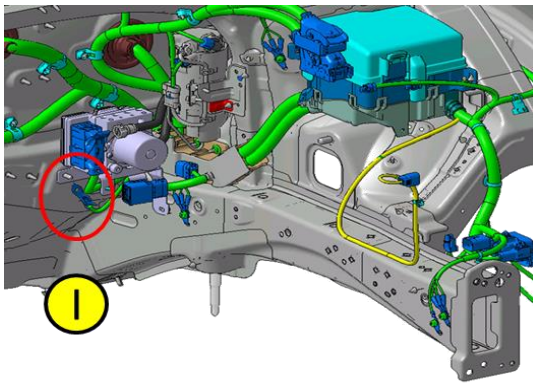
6. Check again if the ground bolt / cable (I) is installed to the body panel.

- If the ground bolt / cable (I) is found in the correct position install all the removed parts by reversing order of removal, no further action required

- If there is no ground bolt / strap (I) in position as shown see attached PDF file for repair procedure.



**Detailed Position Ground Bolt (I) Is Installed**



7. After repair install all the removed parts by reversing order of removal.

8. Using GDS/KDS check for DTC. If any DTC is found, delete DTC.

\*DTC (Diagnostic trouble code)

\*Possible DTC code: C1102 (Battery Voltage Low)