


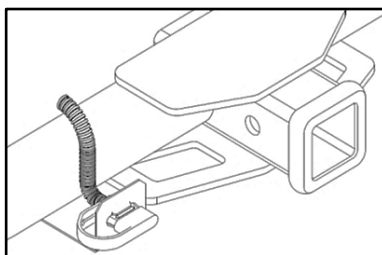
| | | |
|---|--|---|
|  | GROUP Recall Campaign | MODEL 2016-2017MY Sorento (UMa) 2017MY Sportage (QL) |
| | NUMBER SC142 | DATE January 2017 |
| NONCOMPLIANCE RECALL CAMPAIGN | | |
| SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142) | | |

This bulletin provides information related to the replacement of the accessory trailer tow hitch wiring harnesses on certain 2016-2017MY Sorento (UMa) and 2017MY Sportage (QL) vehicles. The tow hitch module may malfunction resulting in continuous illumination of the trailer's brake and/or turn signal bulb(s) when the wiring harness is connected to the trailer. As a result, the trailer lights may not comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 108, "Lamps, Reflective Devices, and Assoc. Equipment." If this condition occurs, the driver's intent to stop, turn, or change lanes may not be visible to other drivers, thereby increasing the risk of a crash.

The subject trailer tow hitches (see the affected part numbers below) were supplied by Mobis Parts America and distributed/installed by Kia Motors America or its authorized Kia dealers.

- Sorento - C6061-ADUS8, C6061-ADUS9
- Sportage - D9061-ADU00, D9061-ADU01

Follow the procedure below to replace the trailer tow hitch wiring harness, as necessary. Before conducting the procedure below, verify that the vehicle is on the list of affected VINs.



★ NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

★ NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

File Under: <Recall Campaign>

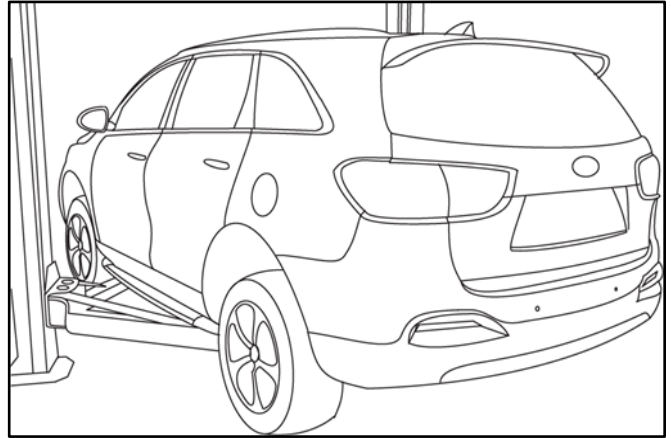
Circulate To: ☒ General Manager ☒ Service Manager ☒ Parts Manager
☒ Service Advisors ☒ Technicians ☒ Body Shop Manager ☒ Fleet Repair

SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)**Trailer Tow Hitch Wiring Harness Replacement Procedure:**

1. Follow the applicable removal procedure for each vehicle model/variant as outlined in this bulletin.

2016-2017MY Sorento (UMa) 2.4L GDI, L & LX Trim Variants (Battery Type Harness)

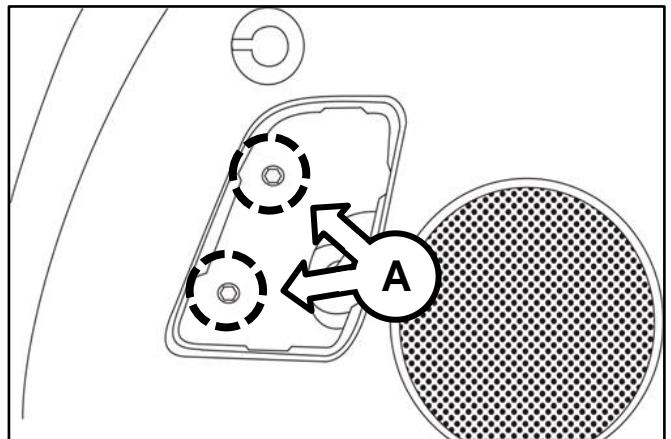
1. Place the vehicle on a lift in the lowered position and open the tailgate then lower and remove the spare tire.



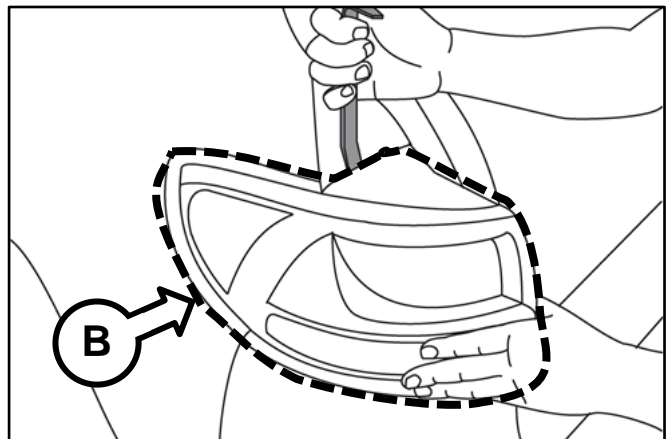
2. Inside the rear cargo area, remove both driver and passenger side tail lamp access panels with a non-marring trim removal tool. Remove the two (2) retaining nuts (A) on both the driver and passenger side tail lamps.



Use a non-marring trim removal tool (such as Snap-on® Part Number PBN5 or equivalent) to avoid damaging trim pieces.



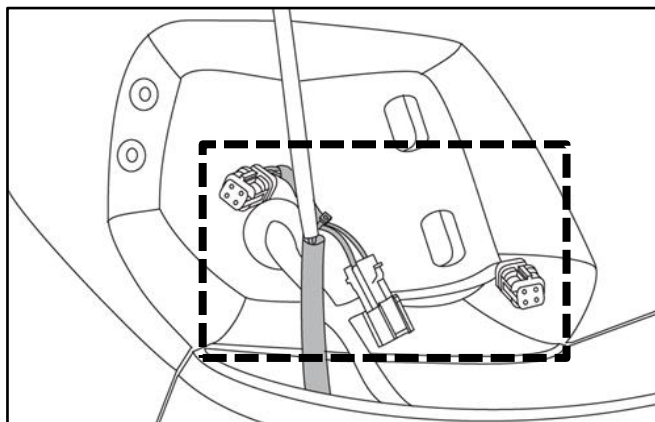
3. Using a non-marring trim removal tool, carefully dislodge the driver and passenger side outer tail lamps (B) and disconnect the electrical connectors. Remove both outer tail lamp assemblies from the vehicle and set aside on a soft surface to prevent damage.



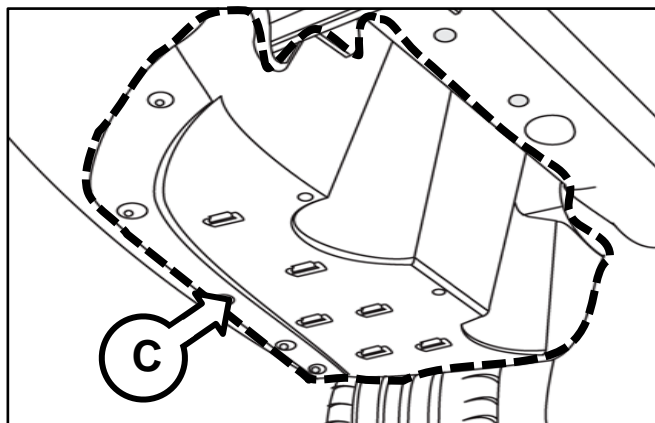
SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

4. Disconnect the trailer tow hitch wiring harness from the vehicle connector on both the driver and passenger side. Remove the cable ties and push the trailer tow hitch wiring harness down on both sides so it can be removed from underneath the vehicle.

Raise the vehicle.



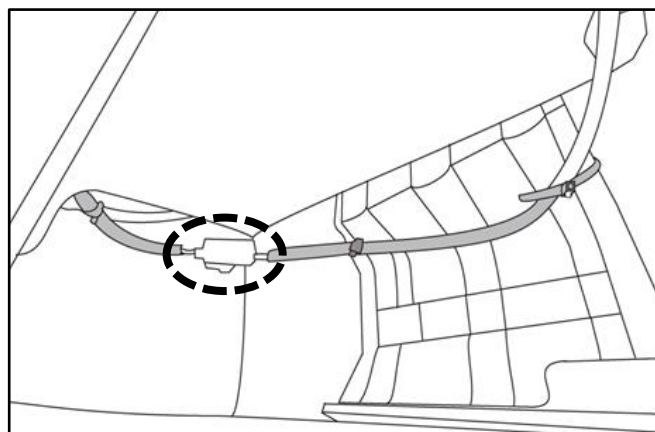
5. Remove the driver side lower rear cover (C) from the vehicle by referring to steps 10, 11, and 12 in the installation instructions included in P/N C6061 ADUSAQQK.



6. Disconnect the trailer tow hitch wiring harness 1-pin connector from the power wiring harness located behind the cover removed. Remove any tie wraps securing the trailer tow hitch wiring harness 1-pin connector to the vehicle.

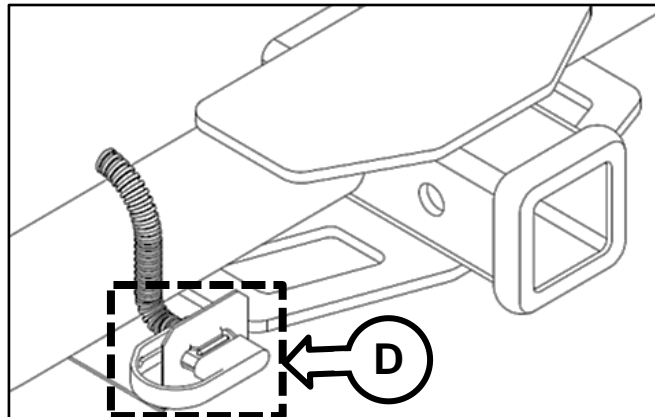
★ NOTICE

Do not remove the power wiring harness leading up to the vehicle battery. It is not necessary to replace it, even if a new power wiring harness is supplied with the kit.



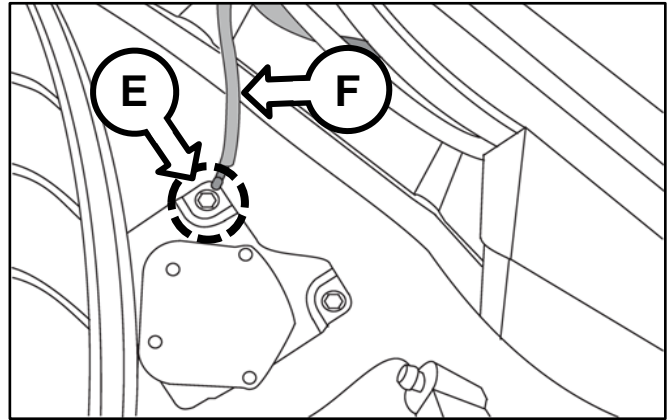
7. Remove the connector cover from the 4-Flat connector and remove the connector (D) from the trailer tow hitch. Remove any tie wraps to free the 4-Flat connector wiring harness.

Cut the 4-Flat connector from the wiring harness and discard to prevent reinstallation of the old wiring harness.

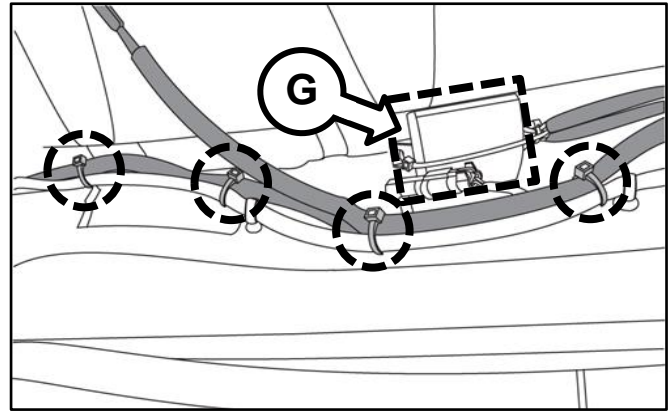


SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

8. Remove the 12mm hex head retaining bolt (E) from the ground ring terminal and remove the ground cable (F) from the spare tire cable winch assembly located underneath the vehicle.



9. Remove any remaining tie wraps securing the trailer tow hitch wiring harness to the vehicle. Using a wire cutter, carefully cut and separate the module (G) from the trailer tow hitch wiring harness. Completely remove the trailer tow hitch module and wiring harness from the vehicle and discard.



10. Install the new trailer tow hitch wiring harness and module by referring to the installation instructions included in the kit. Reinstall all removed components in the reverse order of removal. Trim excess cable tie materials.

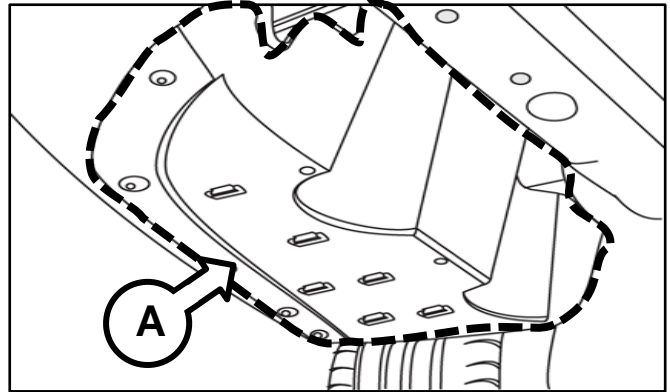
Not all components of the kit will be used, including the power wiring harness. Discard any unused components.

11. Follow the Function and Visual Check procedures outlined on page 16 of the installation instructions included in the kit.

SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)**2016-2017MY Sorento (UMa) 2.0T & 3.3L GDI, All Trim Variants (Plug & Play Type Harness)**

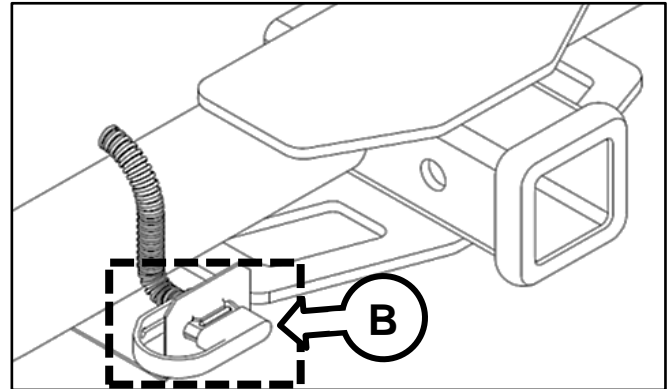
1. Lower and remove the spare tire then raise the vehicle using a vehicle lift.

Remove the driver side lower rear cover (A) from the vehicle by referring to steps 7, 8, and 9 in the installation instructions included in P/N C6061 ADUSBQQK.

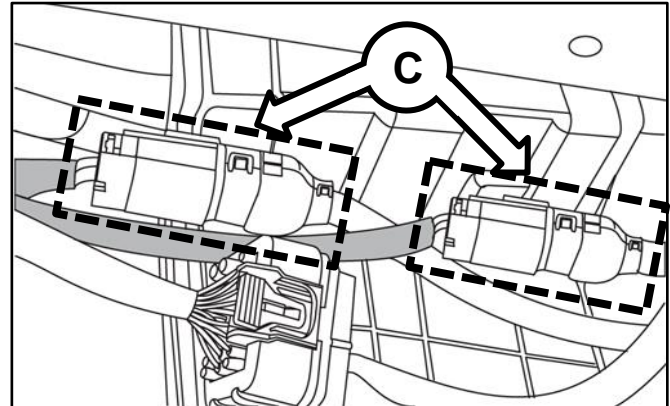


2. Remove the connector cover from the 4-Flat connector (B) and remove the connector and wiring harness from the trailer tow hitch. Remove any tie wraps to free the 4-Flat connector wiring harness.

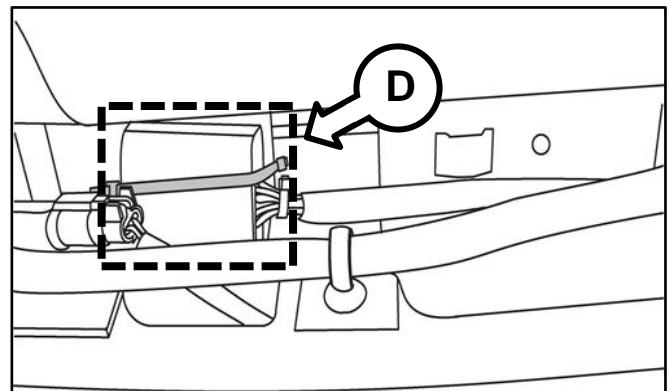
Cut the 4-Flat connector from the wiring harness and discard to prevent reinstallation of the old wiring harness.



3. Disconnect the two (2) trailer tow hitch wiring harness connectors (C).



4. Remove any remaining tie wraps securing the trailer tow hitch wiring harness to the vehicle. Using a wire cutter, carefully cut and separate the module (D) from the trailer tow hitch wiring harness. Completely remove the trailer tow hitch module and wiring harness from the vehicle and discard.



SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

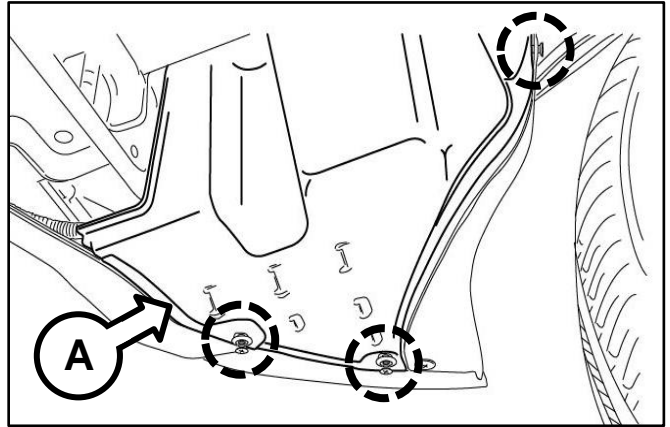
5. Install the new trailer tow hitch wiring harness and module by referring to the installation instructions included in the kit. Reinstall all removed components in the reverse order of removal. Trim excess cable tie materials.

Not all components of the kit will be used. Discard any unused components.

6. Follow the Function and Visual Check procedures outlined on page 9 of the installation instructions included in the kit.

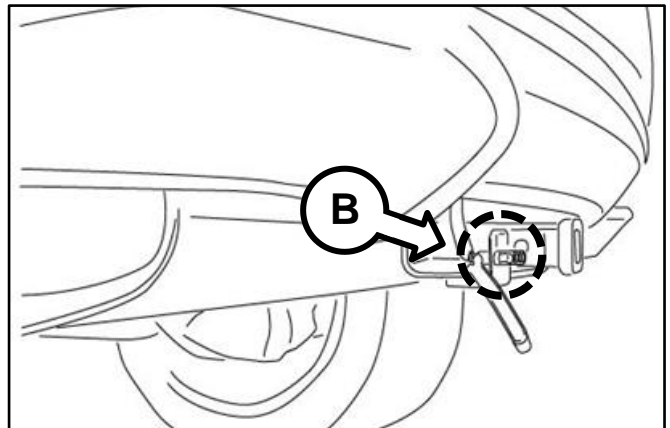
2017MY Sportage (QL), All Trim Variants

1. With the vehicle raised on a vehicle lift, remove the driver side rear mudguard (if equipped). Remove the three (3) plastic clips, then dislodge and remove the driver side plastic cover (A).

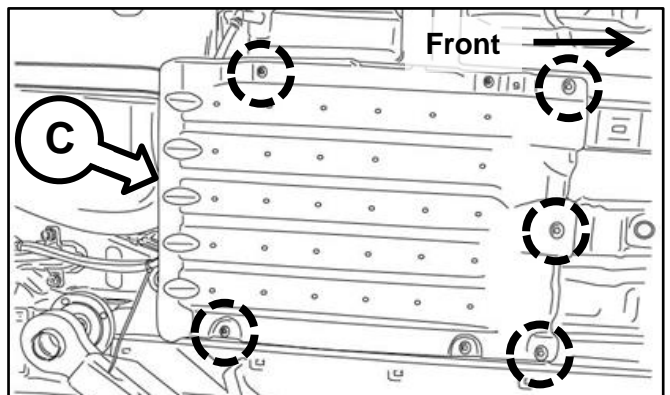


2. Remove the connector cover from the 4-Flat connector (B) and remove the connector from the trailer tow hitch. Remove any tie wraps to free the 4-Flat connector wiring harness.

Cut the 4-Flat connector from the wiring harness and discard to prevent reinstallation of the old wiring harness.



3. Remove the five (5) 10mm hex head retaining bolts and the driver side plastic cover (C) from the underside of the vehicle.

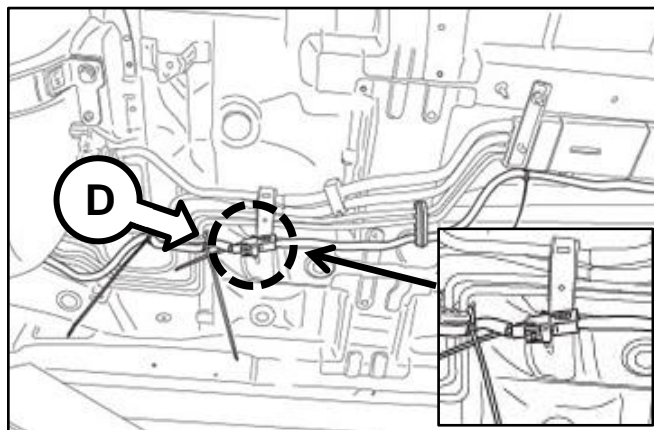


SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

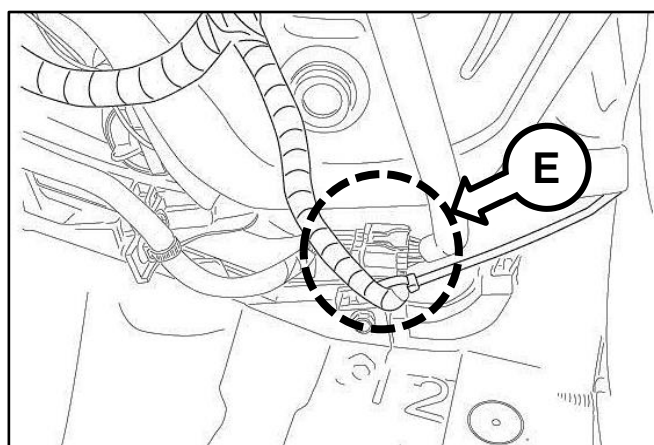
4. Disconnect the trailer tow hitch wiring harness 1-pin connector (D) from the power wiring harness. Remove any tie wraps securing the trailer tow hitch wiring harness to the vehicle.

★ NOTICE

Do not remove the power wiring harness leading up to the vehicle battery. It is not necessary to replace it, even if a new power wiring harness is supplied with the kit.

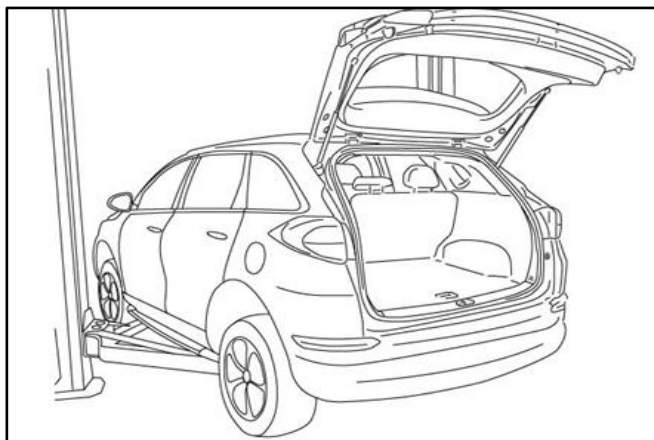


5. Disconnect the trailer tow hitch wiring harness 12-pin connector (E) from the vehicle wiring harness at the rear of the vehicle. Remove any tie wraps securing the trailer tow hitch wiring harness to the vehicle.



6. Gently route the trailer tow hitch wiring harness from the power wiring harness location towards the rear of the vehicle so that it can be removed.

7. Lower the vehicle and open the tailgate.

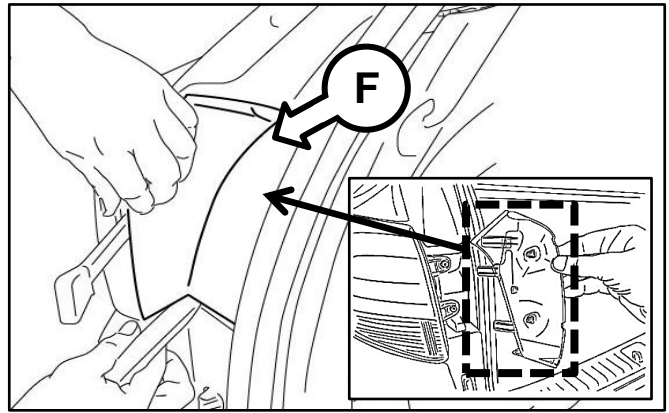


SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

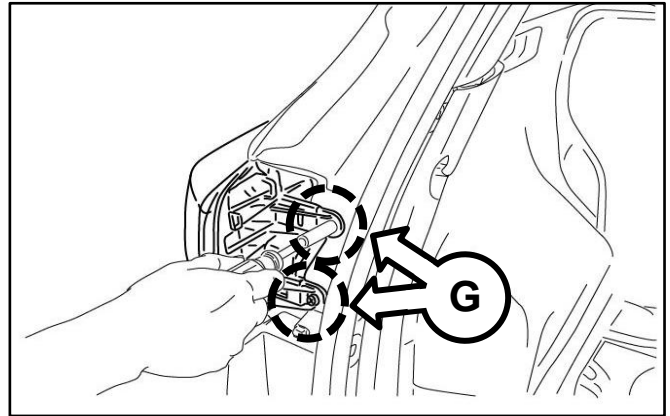
8. Identify the black plastic cover (F) located near the driver side tail lamp, and then use a non-marring trim panel removal tool to carefully pry the cover loose and remove it from the vehicle.

**CAUTION**

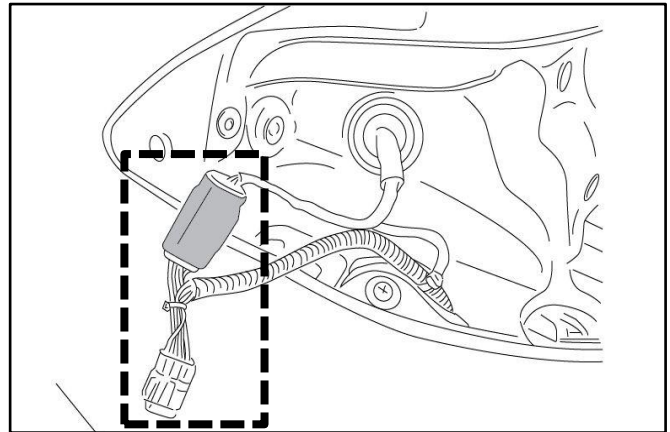
Use a non-marring trim removal tool (such as Snap-on® Part Number PBN5 or equivalent) to avoid damaging trim pieces.



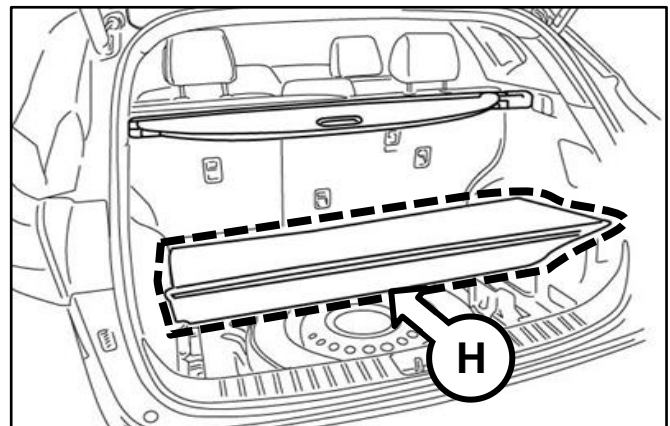
9. Remove the two (2) 10mm hex head retaining bolts (G) securing the driver side tail lamp and dislodge the tail lamp from the vehicle and set aside on a soft surface to prevent damage.



10. Disconnect the two (2) trailer tow hitch harness connectors from both the tail lamp and vehicle connector. Remove the cable tie and route the trailer tow hitch harness from the tail lamp to underneath the vehicle so that it can be removed.

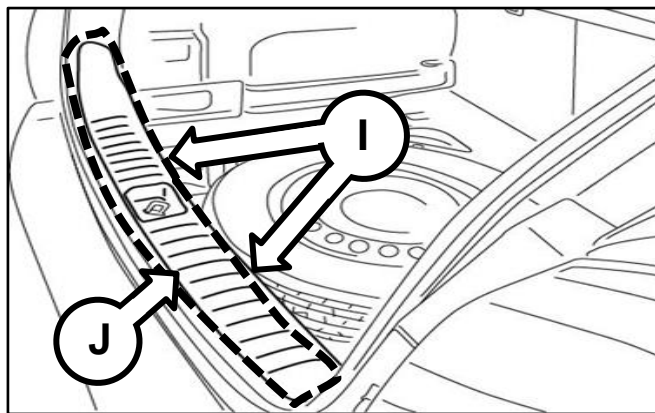


11. Remove the cargo floor panel & retractable cargo cover (H) (if equipped). Remove the mobility kit tray (if equipped).

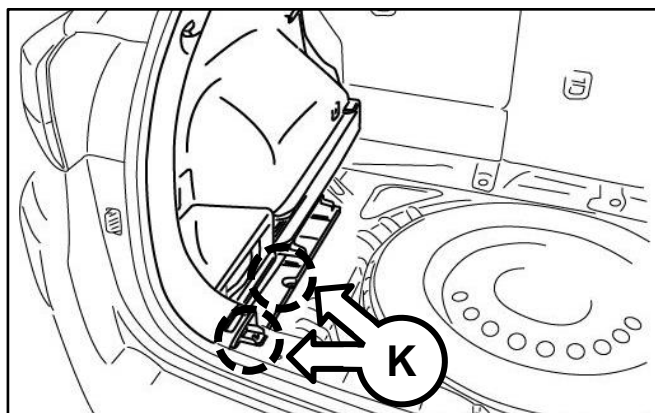


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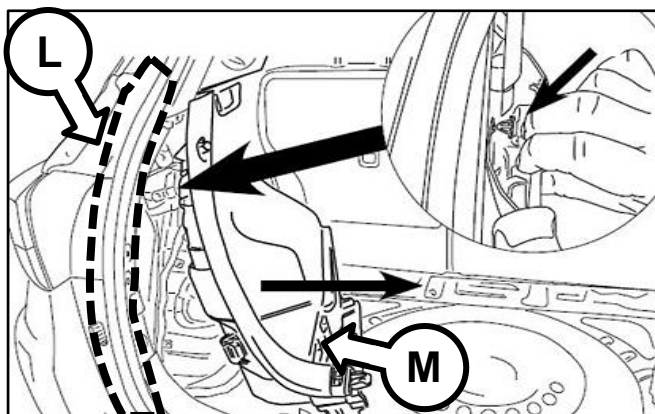
12. Remove the two (2) plastic clips (I), then dislodge and remove the rear plastic threshold cover (J).



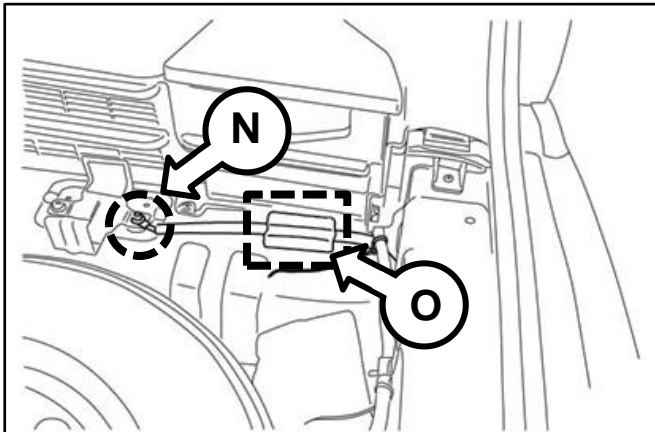
13. Remove the two (2) Philips screws (K) securing the driver side interior trim panel.



14. Dislodge the rubber weather-strip (L) along the side of the rear cargo area. Dislodge the driver side interior trim panel (M) and then pull inward to access the trailer tow hitch module and wiring harness.



15. Remove the 10mm hex head retaining nut (N) from the ground terminal of the trailer tow hitch wiring harness located on the passenger side of the spare tire and remove from stud. Remove the foam pad (O) securing the trailer tow hitch wiring harness. Remove any tie wraps securing the trailer tow hitch ground wiring harness to the vehicle.

*** NOTICE**

Remove any adhesive residue on the cargo area surface before installing the new foam pad (O) provided in the kit.

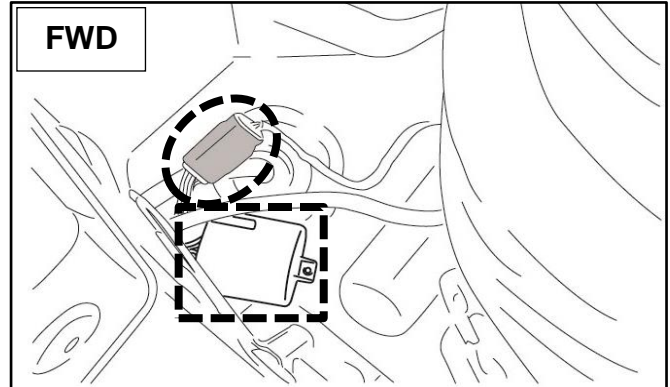
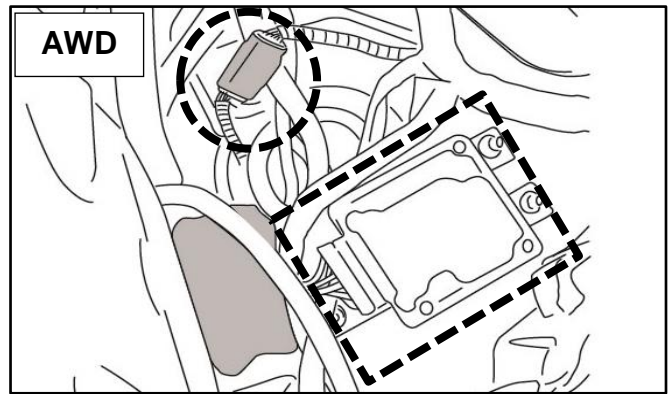
SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)

16. Disconnect the trailer tow hitch wiring harness 12-pin connector from the vehicle wiring harness. Remove any remaining tie wraps securing the trailer tow hitch wiring harness to the vehicle.

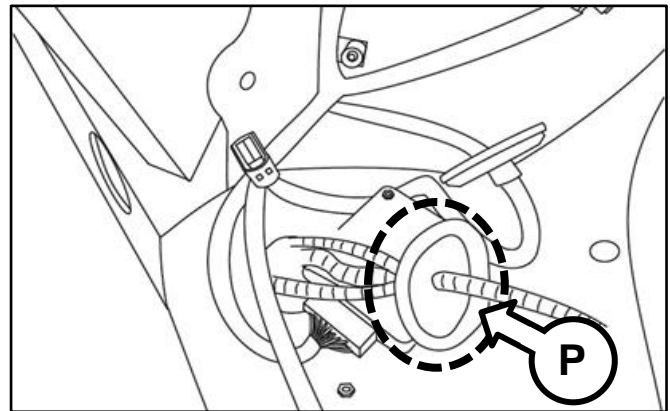
On AWD vehicles, remove the 10mm hex head nut securing the trailer tow hitch module to the stud and remove module from floor.

On FWD vehicles, pull the module from the floor and remove from stud. There is no retaining nut securing the module.

Using a wire cutter, carefully cut and separate the trailer tow hitch module from the trailer tow hitch wiring harness and discard the module.



17. Dislodge the rubber grommet (P) with trailer tow hitch wiring harness from inside the vehicle and pull up into the cargo area. Completely remove the trailer tow hitch wiring harness from the vehicle and discard.



18. Install the new trailer tow hitch wiring harness and module to the vehicle by referring to the installation instructions included in the kit. Make sure to use the new ground retaining nut provided in the kit. Reinstall all removed components in the reverse order of removal. Trim excess cable tie materials.




Not all components of the kit will be used, including the power wiring harness. Discard any unused components.

19. Follow the Function and Visual Check procedures outlined on page 21 of the installation instructions included in the kit.

SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)**AFFECTED VEHICLE RANGE:**

| Model | Production Date Range |
|---------------|--------------------------------------|
| Sorento (UMa) | October 27, 2014 to August 25, 2016 |
| Sportage (QL) | December 10, 2015 to August 26, 2016 |

REQUIRED PART:

| Part Name | Part Number | Figure |
|---|--------------------|--|
| Harness, Trailer Tow Hitch – Campaign Sorento (UMa) 2.4L GDI | C6061 ADUSAQQK |  |
| Harness, Trailer Tow Hitch – Campaign Sorento (UMa) 2.0T & 3.3L GDI | C6061 ADUSBQQK |  |
| Harness, Trailer Tow Hitch – Campaign Sportage (QL) | D9061 ADUS6QQK |  |

SUBJECT: TRAILER TOW HITCH WIRING HARNESS REPLACEMENT (SC142)**WARRANTY INFORMATION:****N CODE: N99 C CODE: C99**

| Claim Type | Model | Causal P/N | Qty. | Repair Description | Labor Op Code | Op Time | Replacement P/N | Qty. |
|------------|---------------------------|-------------|------|---|---------------|---------|-----------------|------|
| R | Sorento (UMa) 2.4L | C6061 ADUS8 | 0 | (SC142) Trailer Tow Hitch Wiring Harness Replacement | A5111RR0 | 1.0 M/H | C6061 ADUSAQQK | 1 |
| | Sorento (UMa) 2.0T & 3.3L | C6061 ADUS9 | | | A5111RR1 | 0.5 M/H | C6061 ADUSBQQK | 1 |
| | Sportage (QL) | D9061 ADUS5 | | | A5111RR2 | 1.0 M/H | D9061 ADUS6QQK | 1 |

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