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# TRAILER TOW

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### INSTALLATION

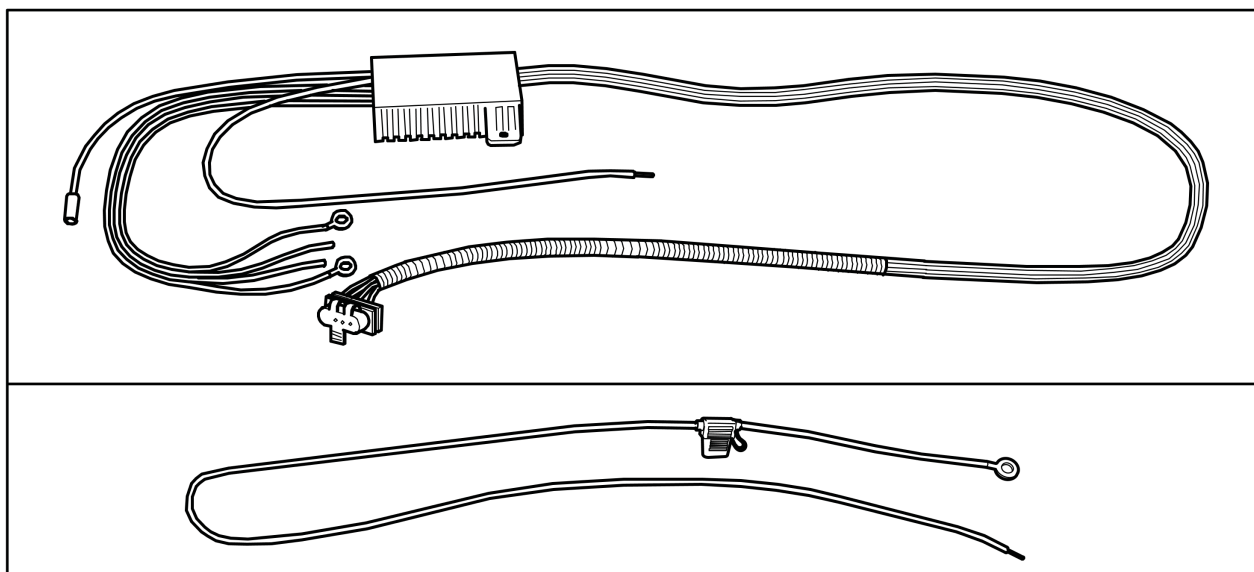
[Trailer Tow](#)

### GENERAL PROCEDURES

[Proper Splicing Techniques](#)

## INSTALLATION

### Trailer Tow — Escape



N0146126

### Escape

**NOTE:** This accessory kit is designed to be used as a Class 1 trailer tow wiring solution.

**NOTE:** It is recommended that the technician read through these instructions thoroughly prior to installing this accessory.

1. Verify correct kit number.

**INSTALLATION (Continued)****Review Trailer Tow Installation Kit Contents**

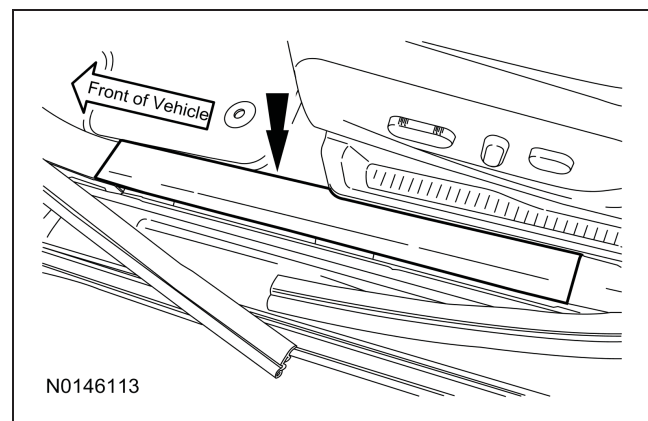
2. Review Trailer Tow Installation Kit Contents.

**Trailer Tow Installation Kit**

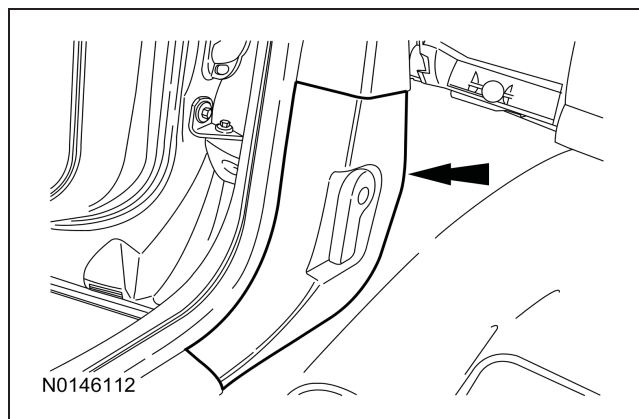
QUANTITY	DESCRIPTION
1	TRAILER TOW CONVERTER HARNESS ASSEMBLY
1	POWER CABLE WITH IN-LINE FUSE
12	ZIP TIES

**Vehicle Preparation**

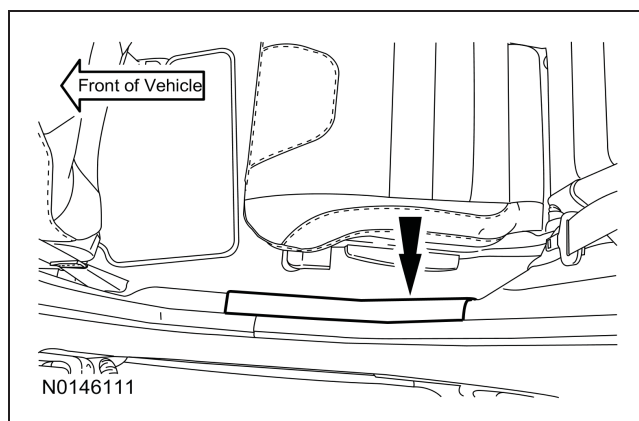
3. Open the hood.  
4. Remove the air intake/air box cleaner.



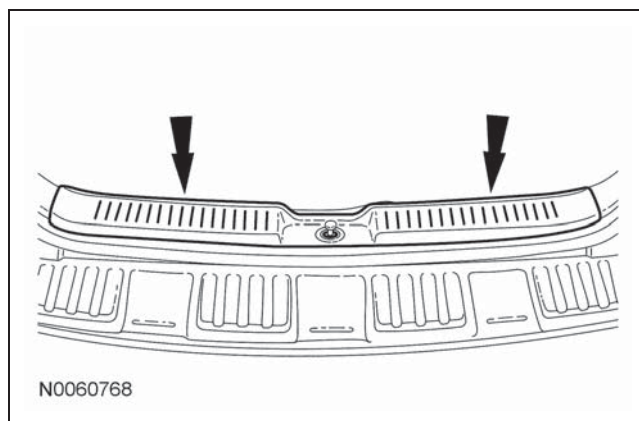
5. Position aside the lower LH front door weather seal.  
6. Remove the LH front door scuff plate trim panel.



7. Remove the LH lower cowl trim panel.



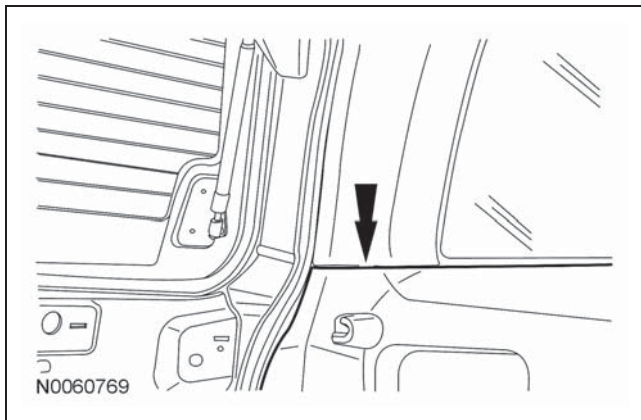
8. Remove the LH rear door scuff plate trim panel.  
9. Remove the liftgate scuff plate.  
• Remove the rear cargo mat and remove the liftgate scuff plate.



10. Position the liftgate weatherstrip aside.  
11. If equipped, remove the cargo net hold-down.

**INSTALLATION (Continued)**

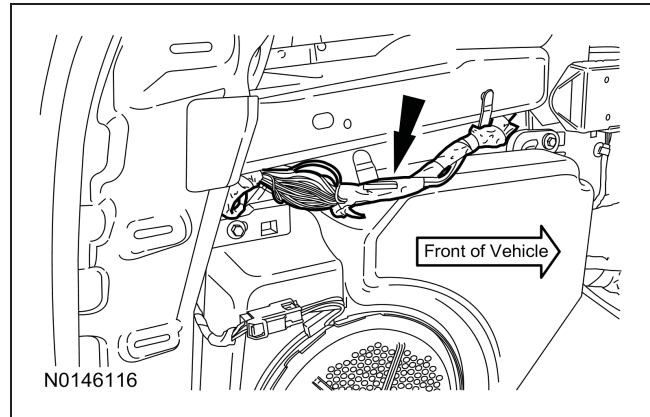
12. If equipped, disconnect the power amp located in the cargo organizer.
13. Remove the cargo organizers.
14. **NOTE:** Insert a non-marring tool between the D-pillar trim panel and rear quarter trim panel to release the trim panel.  
**NOTE:** LH rear quarter trim panel shown, RH similar.  
Remove the rear quarter trim panels.

**Trailer Tow Converter Harness Assembly Preparation**

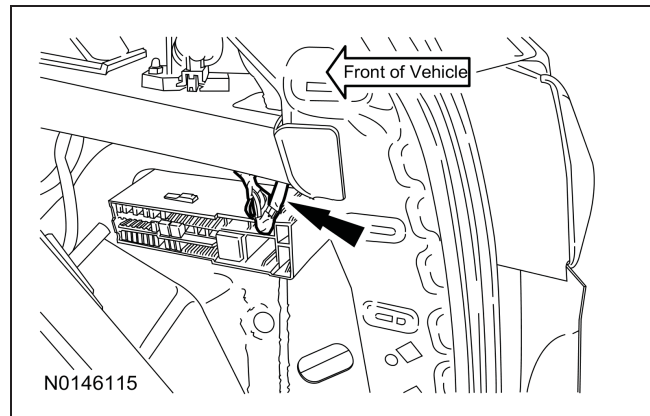
15. Access the grommet/plug located in the rear floorpan just forward of the Driver side D-pillar.
16. Disengage the grommet/plug.
17. Working from the outer edge towards the center, cut a slit into the grommet/plug.
18. Position the Trailer Tow Converter Harness Assembly in the vehicle forward of the rear LH D-pillar. **Do not attach the Trailer Tow Converter at this time.**

**Identify Circuit Wires For Connections**

**NOTE:** For proper wire splicing techniques click [here](#).



19. Locate the interior vehicle harness on the LH side.



20. Locate the interior vehicle harness on the RH side.
21. Locate the Blue/Black (Stop) wire on the converter module and cut the eyelet off.
22. Connect the Black (Ground) wire eyelet from the converter module to the ground screw located on the LH D-pillar's cargo tie down.

**INSTALLATION (Continued)**

23. **NOTE:** A DVOM connected to the correct wire will show 0V when the Brake Pedal is not depressed and 12V when the Brake Pedal is depressed.

A logic probe connected to the correct wire will show ground when the Brake Pedal is not depressed and power when the Brake Pedal is depressed.

Identify the Violet/Green (Stop) wire at the Lamp Assembly, Left Rear.

24. Connect the Blue (Stop) wire from the converter module to the Violet/Green (Stop) located in the LH interior vehicle harness.

25. **NOTE:** A DVOM connected to the correct wire will show 0V with the Headlight Switch in the OFF position and 12V with the Headlight Switch in the parking lights ON position.

A logic probe connected to the correct wire will show ground with the Headlight Switch in the OFF position and power with the Headlight Switch in the parking lights ON position.

Identify the Violet/Green (Parking Lights Circuit) wire at the Lamp Assembly, Left Rear.

26. Connect the Brown (Tail Lamp) wire from the converter module harness to the Violet/Green (Parking Lights Circuit) wire at the Lamp Assembly, Left Rear.

27. **NOTE:** A DVOM connected to the correct wire will show 0V, then show pulsing 12V when the Multifunction Switch in the LEFT TURN position.

A logic probe will show ground on the correct wire, then show pulsing power when the Multifunction Switch in the LEFT TURN position.

Identify the Gray/Orange (Left Turn Circuit) wire at the Lamp Assembly, Left Rear.

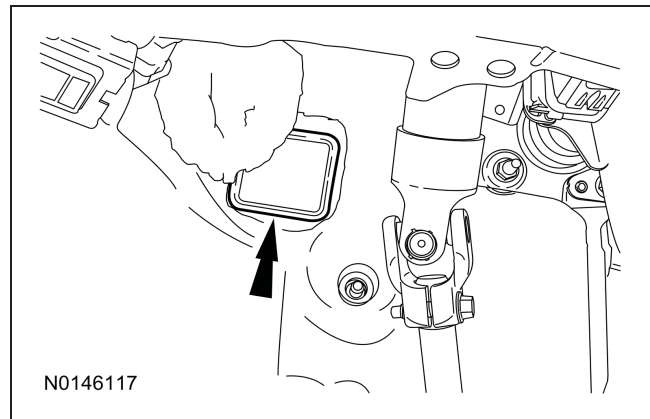
28. Connect the Yellow (Left Turn) wire from the converter module harness to the Gray/Orange (Left Turn Circuit) wire at the Lamp Assembly, Left Rear.

29. **NOTE:** A DVOM connected to the correct wire will show 0V, then show pulsing 12V when the Multifunction Switch in the RIGHT TURN position.

A logic probe will show ground on the correct wire, then show pulsing power when the Multifunction Switch in the RIGHT TURN position.

Identify the Green/Orange (Right Turn Circuit) wire at the Lamp Assembly, Right Rear.

30. Route the Green (Right Turn) wire from the converter module harness under the liftgate scuff plate and connect to the Green/Orange (Right Turn Circuit) wire at the Lamp Assembly, Right Rear.



31. Accessing from the front LH side interior of the vehicle, locate the grommet in the bulkhead just left of the steering column assembly.

32. Accessing from the interior of the vehicle and using a fish wire, puncture the grommet located in the bulkhead and feed the fish wire through to the front area of the engine compartment.

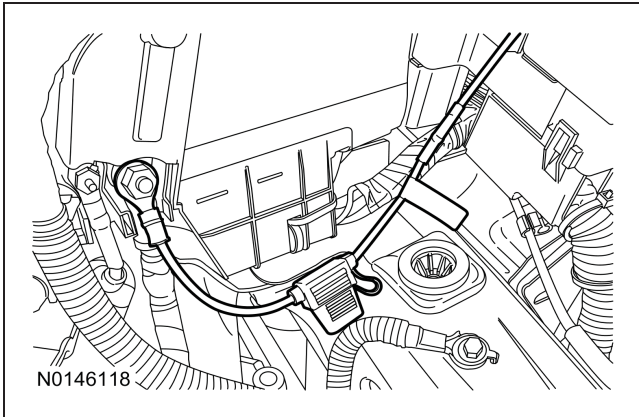
33. From the engine compartment, attach the kit supplied power cable to the fish wire (do not attach the eyelet). Route the power cable through the bulkhead into the passenger compartment, along the LH door sills (under the carpet) back to the converter module.

34. Accessing from the interior of the vehicle, seal the grommet located in the bulkhead.

35. Disconnect and isolate the negative battery cable.

**INSTALLATION (Continued)**

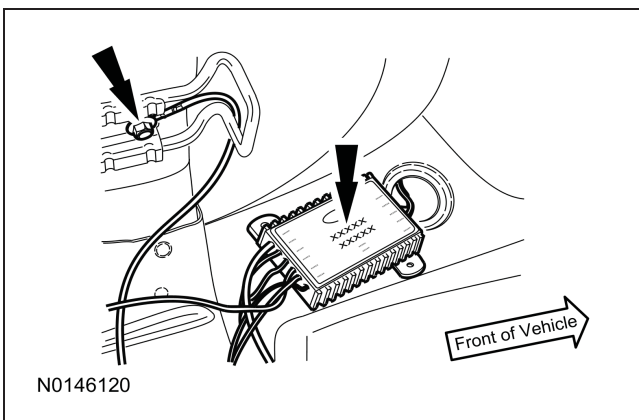
36. Accessing from the cargo area in the vehicle, connect the kit supplied red power cable to the red battery wire located on the converter module.



37. **NOTE:** Remove the in-line fuse before connecting the power cable to the Fuse Junction Panel.

Connect the Red power cable to the Fuse Junction Panel battery terminal.

- 1 Remove the nut from the large stud on the Fuse Junction Panel located on the front of the battery tray.
- 2 Install the eyelet onto the Fuse Junction Panel.
- 3 Tighten to 5.0 Nm (44 lbs.in.).
- 4 Replace the in-line fuse.



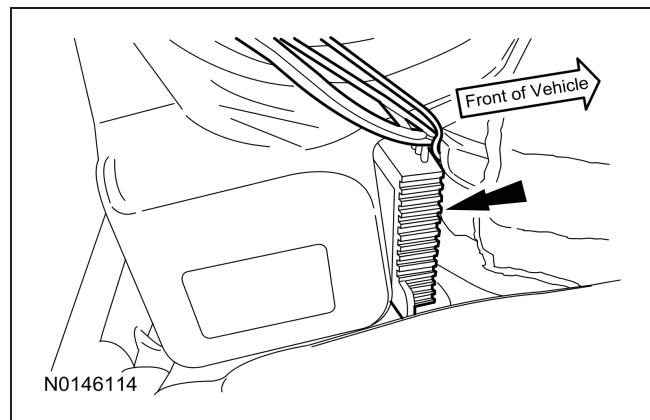
38. Accessing from the cargo area in the vehicle, feed the 4 pin connector through the hole in the floorpan just forward of the LH side D-pillar.

39. Install the rear floorpan grommet/plug previously removed, while installing, feed the 4 pin connector's ribbon harness into the cut portion of the plug.

40. Seal the rear floorpan grommet/plug.

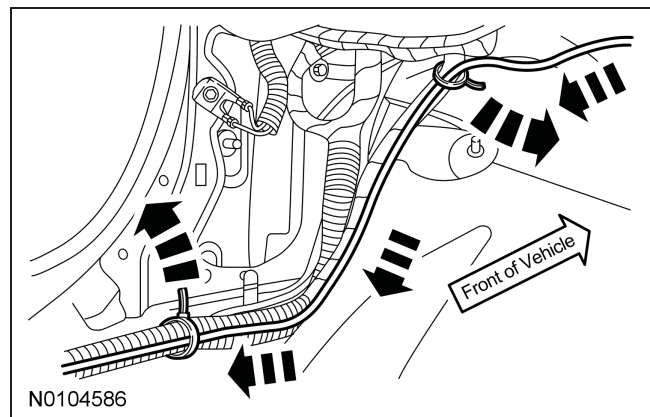
41. Remove the adhesive backing from the underside of the converter module.

42. Vehicles not equipped with premium sound, attach the converter module to the floorpan just forward of the LH D-pillar.



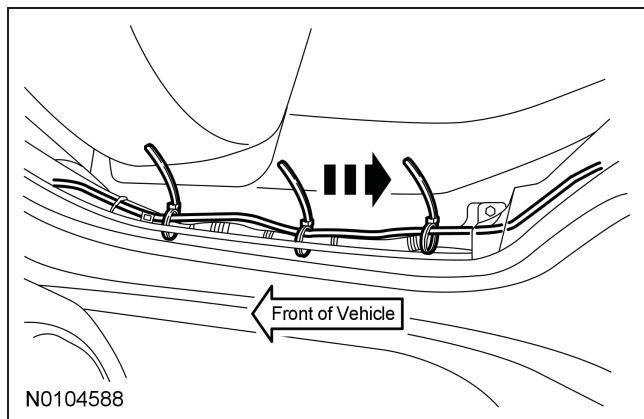
43. Vehicles equipped with premium sound, attach the converter module to the front of the subwoofer.

44. Accessing from under the vehicle, attach the 4 pin connector/harness to the trailer hitch.

**Secure Wires**

**INSTALLATION (Continued)**

45. Use supplied zip ties to secure power cable to the interior vehicle harness in the front lower cowl area.



46. Use supplied zip ties to secure power cable and converter module wires to the interior vehicle harness.
47. Secure the 4 pin connector/harness to the underside of the vehicle. **Secure harness away from sharp edges, moveable parts or high heat sources.**

**Install Trim**

48. Reverse Vehicle Preparation steps to reinstall trim panels.