

Remote Access System Installation

CONTENTS

VEHICLE PREPARATION

Hood Switch Installation

INSTALLATION

RMST Module Installation

RMU Module Installation

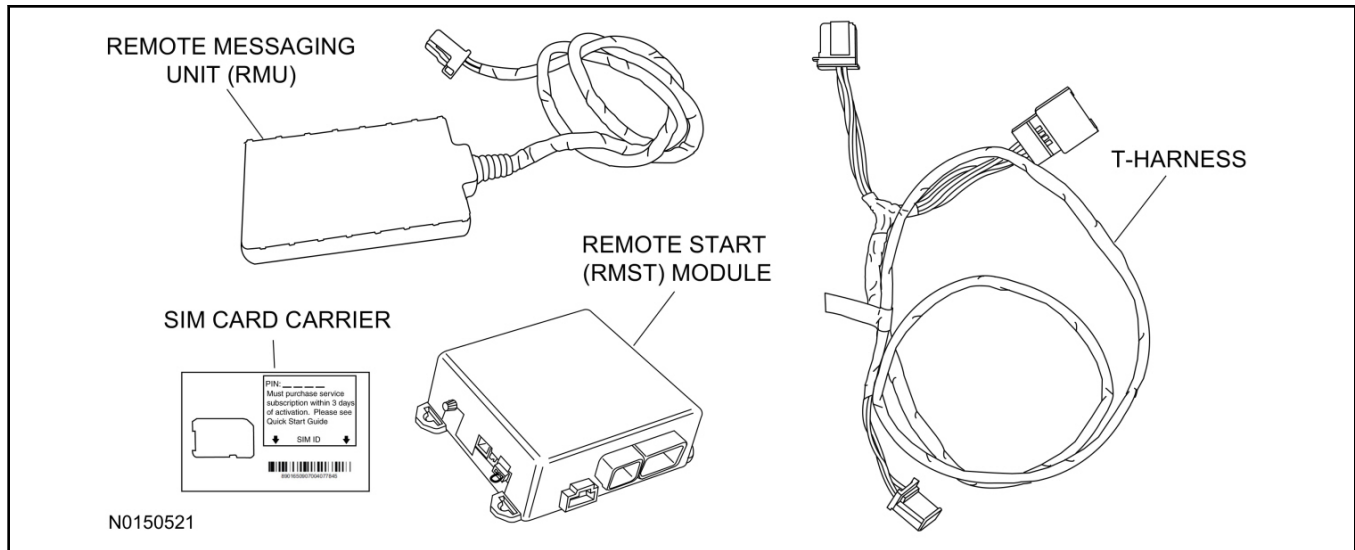
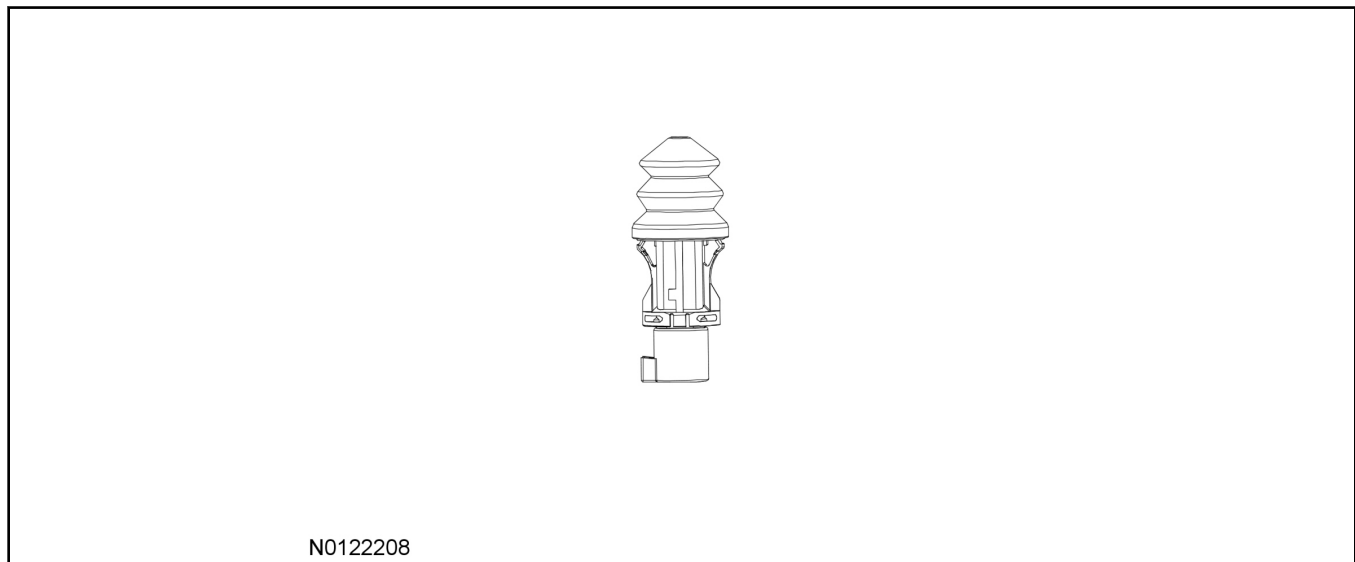
GENERAL PROCEDURES

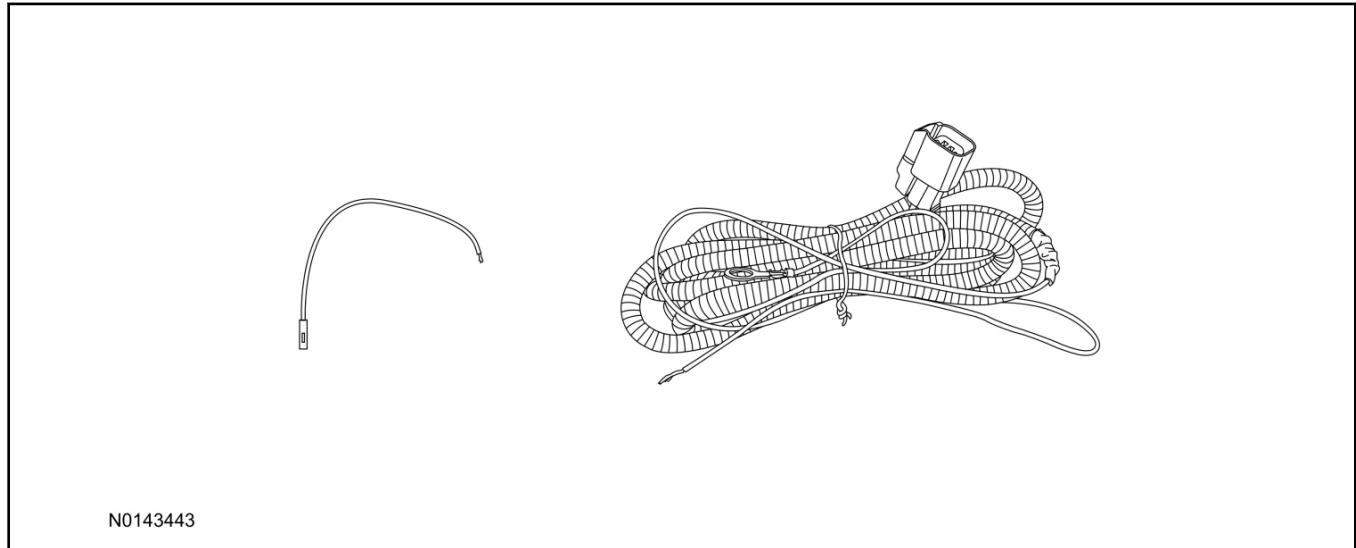
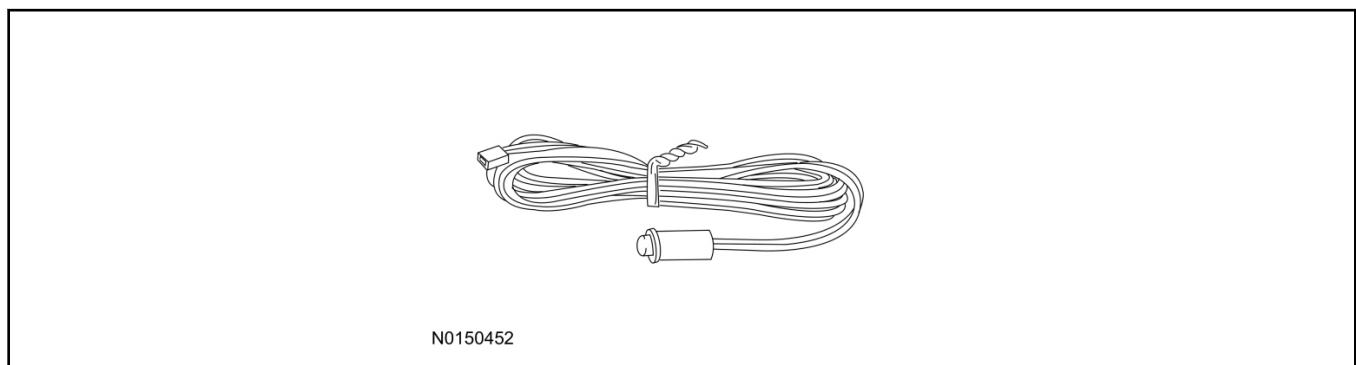
Remote Start Activation

Learn Remote Start System

Shock Sensor Sensitivity Adjustment

RMU Activation

INSTALLATION**Remote Start — Taurus****Remote Start System (RMST) Components****NOTE:****RMU must be installed as described in this manual.****Hood Switch Kit - SE Vehicles Only**

INSTALLATION (Continued)**Hood Switch Wire Harness Kit - SE Vehicles Only****Optional Security Indicator LED (19D596)****Taurus - Remote Access****NOTE:**

Please note that the Remote Access Application that is used to start the vehicle will only work with iPhone and Android phones.

1. Verify correct kit number.

RMST Kit Contents

2. Review the RMST kit contents.

RMST Kit

QUANTITY	DESCRIPTION
1	RMST Module
1	Remote Messaging Unit (RMU)
1	T-harness
1	Security Jumper (inserted into RMST module)
6	Tie Straps (not shown)

INSTALLATION (Continued)**RMST Kit(Continued)**

QUANTITY	DESCRIPTION
1	Quick Reference Card (not shown)
1	Sim Card Carrier

Hood Switch Kit Contents (If required)

3. Review the Hood Switch kit contents.

Hood Switch Kit

QUANTITY	DESCRIPTION
1	Hood Switch Assembly

Review Hood Switch Wire Harness Kit Contents (If required)

4. Review the Hood Switch kit contents.

Hood Switch Wire Harness Kit

QUANTITY	DESCRIPTION
1	Body Control Module (BCM) Terminal Wire
1	Hood Switch Wire Harness

Optional Security Indicator LED Kit Contents

5. Review the Security Indicator LED kit contents.

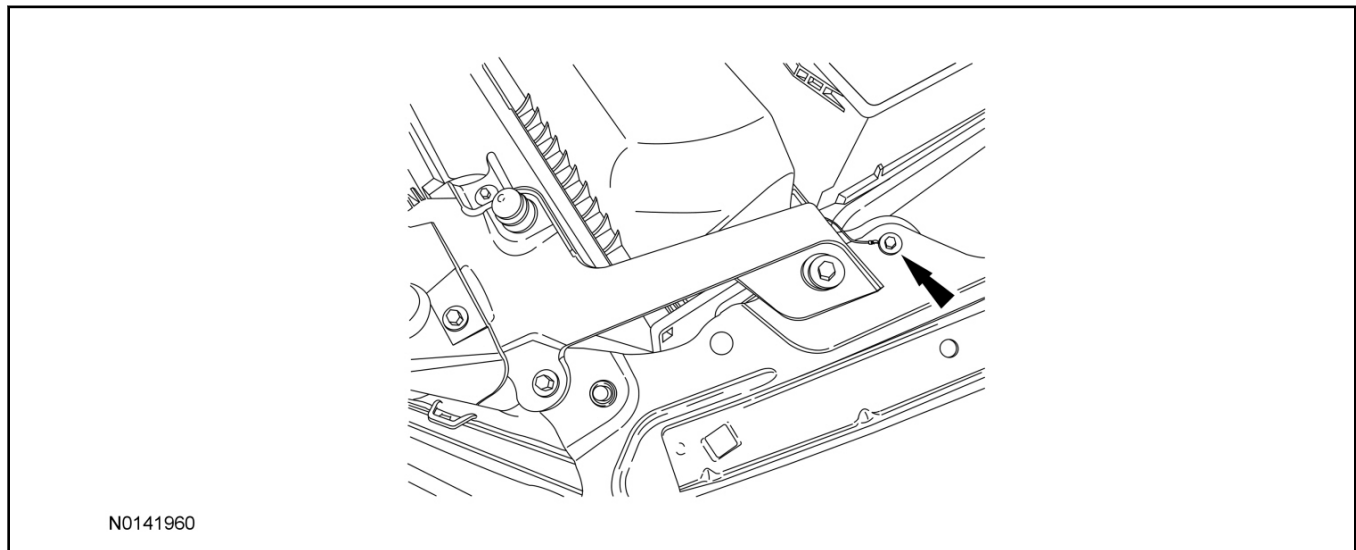
Security Indicator LED Kit

QUANTITY	DESCRIPTION
1	Security Indicator LED

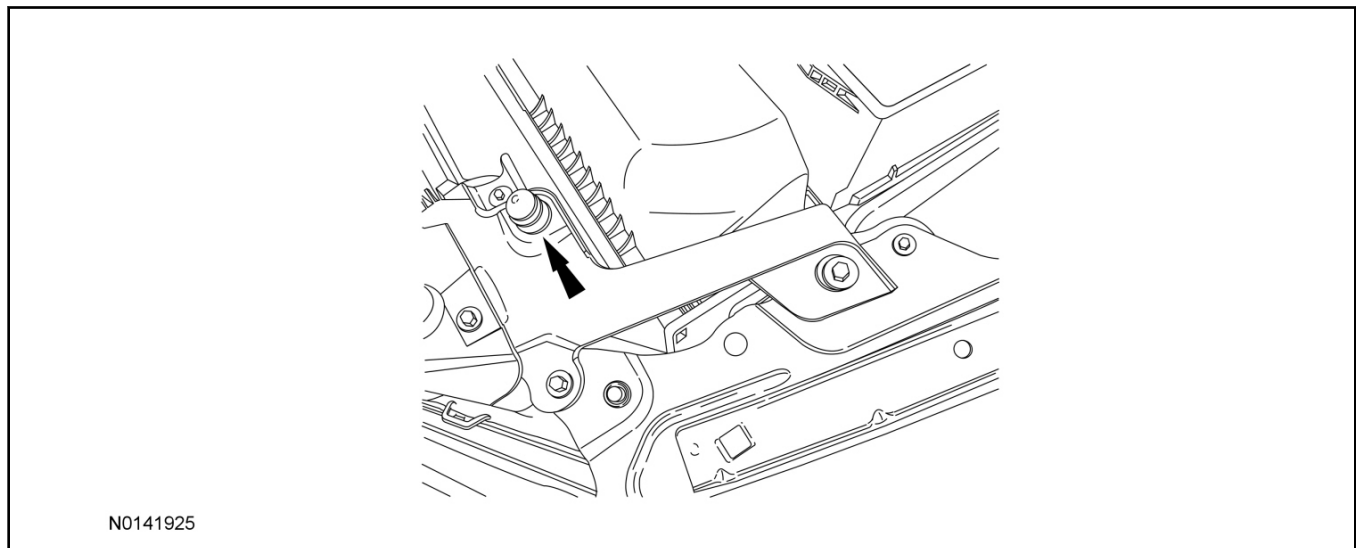
INSTALLATION (Continued)**Hood Switch Installation****NOTE:**

Hood switch installation is only required if the vehicle is not currently equipped with a hood switch.

6. Remove the fender bolt and install the hood switch ground wire.
 - Tighten to 12 Nm (106 lb-in).



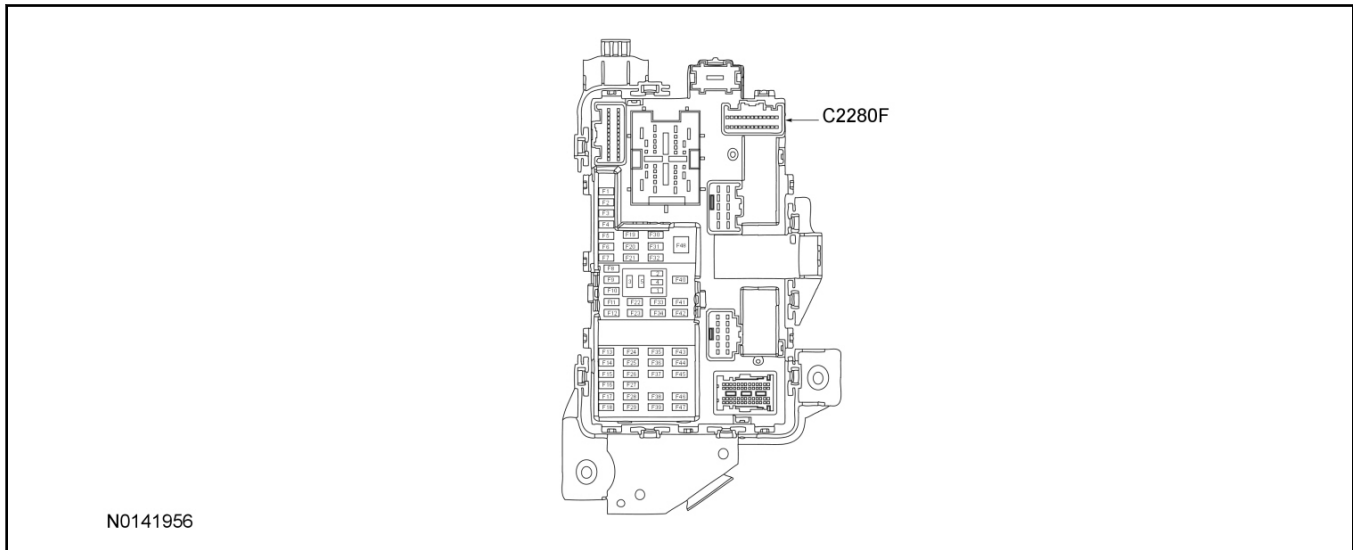
7. Install the hood switch.
 - Connect the electrical connector.



8. Route the hood switch wire harness into the vehicle through the bulkhead grommet.
 - Secure the hood switch wire harness with zip-ties.

INSTALLATION (Continued)

9. Disconnect Body Control Module (BCM) connector C2280F.



10. If equipped, remove the pin plug from BCM connector C2280F Pin 2.
- If the vehicle is not equipped with a hood switch from the factory C2280F will not have a wire at the Pin 2 location.

11. **NOTICE:**

Check that the all wire pins are attached firmly and properly positioned/secured within the connector shell, after performing this step.

Insert the BCM terminal wire from the hood switch wire harness kit into BCM connector C2280F Pin 2.

- Some disassembly of BCM connector C2280F may be required to perform this step.

12. Connect BCM connector C2280F.

NOTICE:

Refer to "Proper Wire Splicing Techniques" before proceeding.

13. Connect the hood switch wire harness wire to the BCM Terminal Wire.

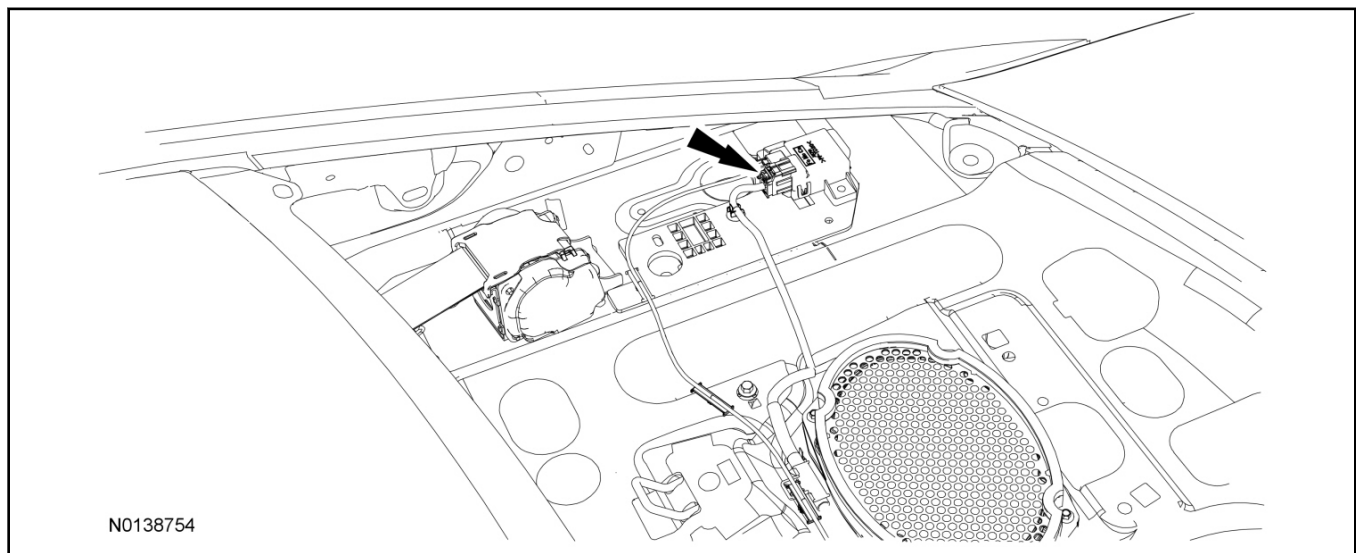
- Secure the wire harness assembly with zip-ties.

Vehicle Preparation

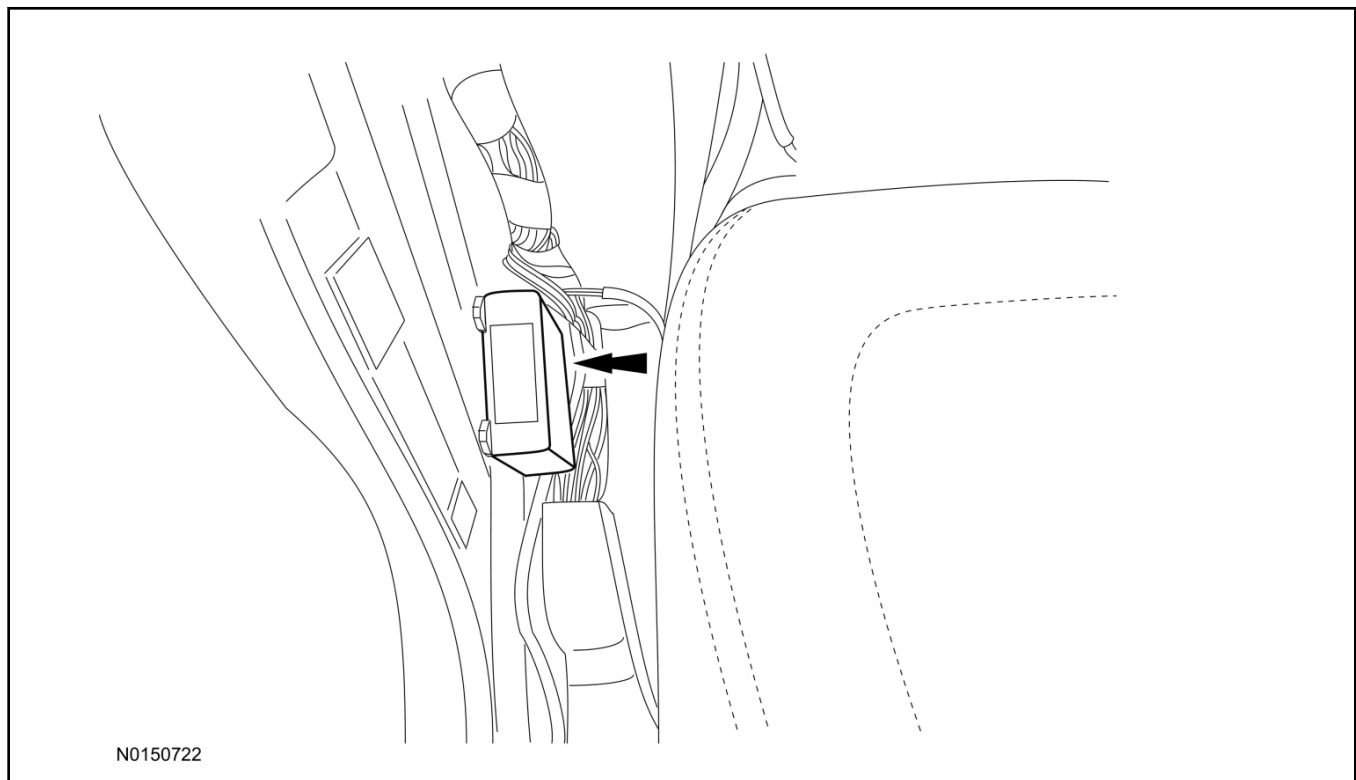
14. Verify that an OE hood switch is installed.
- If the vehicle is not equipped with a OE hood switch, refer to Hood Switch Installation in this procedure.
15. Remove the passenger side lower B-pillar trim panel. For additional information, refer to Workshop Manual (WSM) Section 501-05.
16. Remove the parcel shelf. For additional information, refer to WSM Section 501-05.

INSTALLATION (Continued)

17. Disconnect the Tire Pressure Monitor (TPM) Module, located on the passenger's side of the vehicle near the rear window.

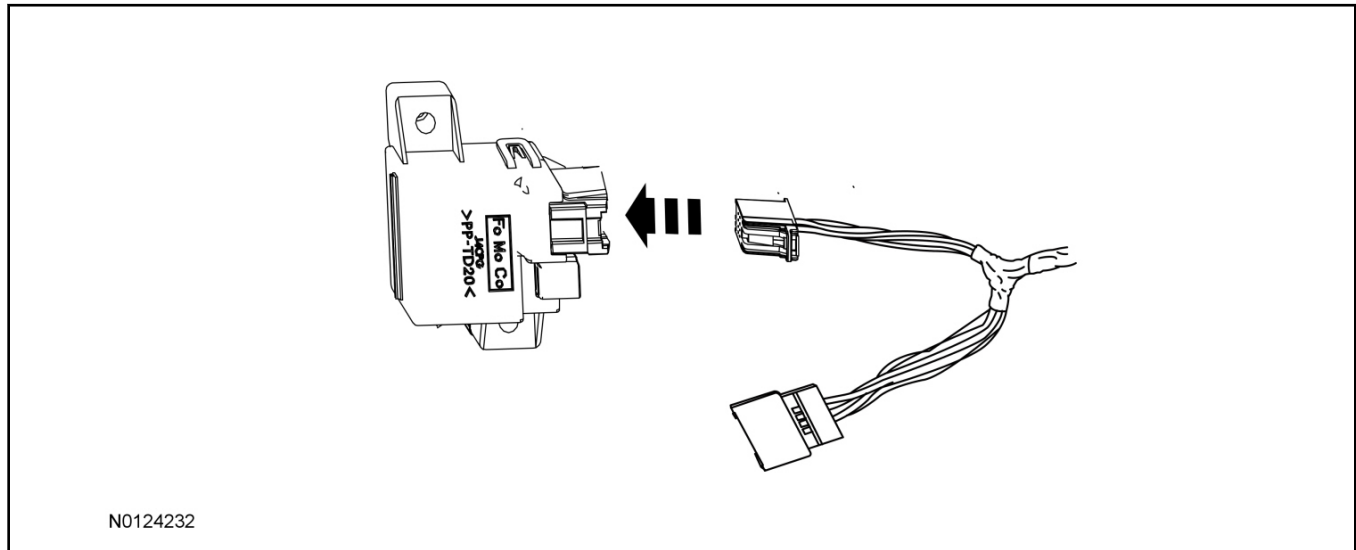
**Install RMST module**

18. Install the RMST module onto the vehicle body between the passenger side rear seat cushion and C-pillar, as shown.
- Secure with the 3M Dual Lock™ strips.

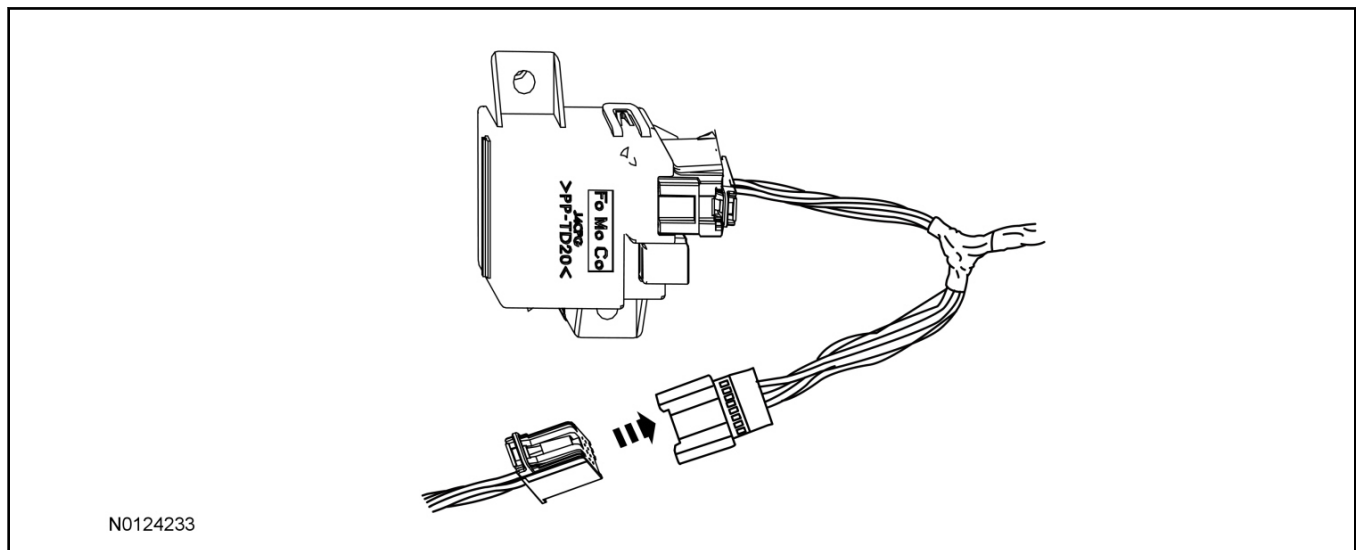


INSTALLATION (Continued)

19. Connect the female end of the 8-pin T-harness to the TPM module.



20. Connect the male end of the 8-pin T-harness to the vehicle's existing TPM module harness.

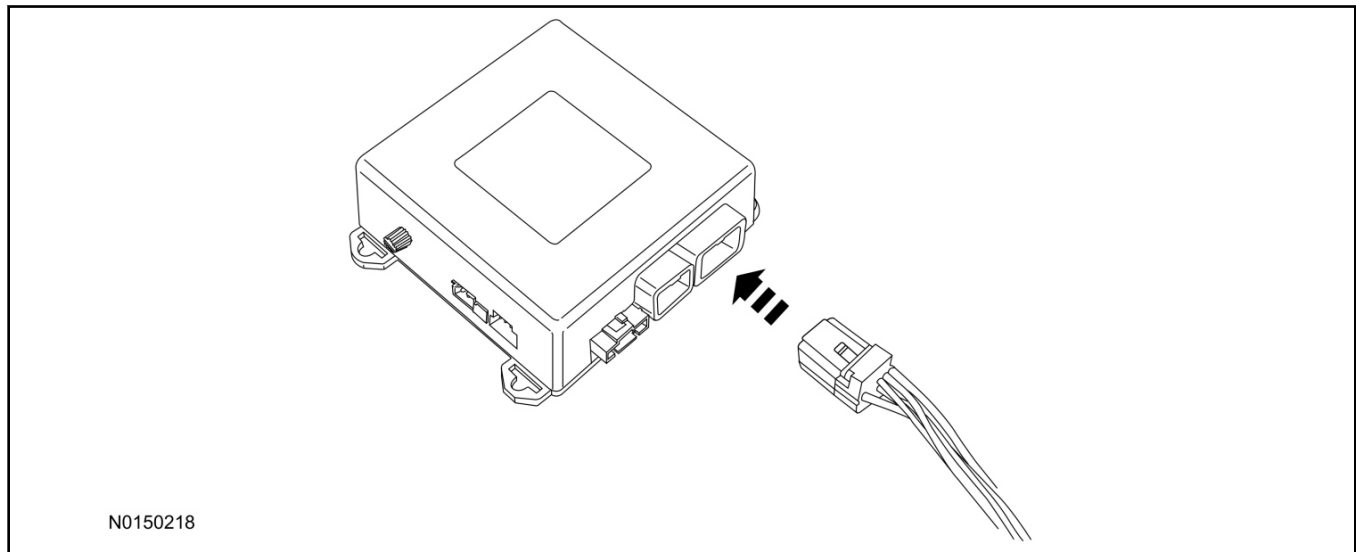


21. Route the T-harness from the TPM module to the RMST module.

- Secure the T-harness with zip-ties.

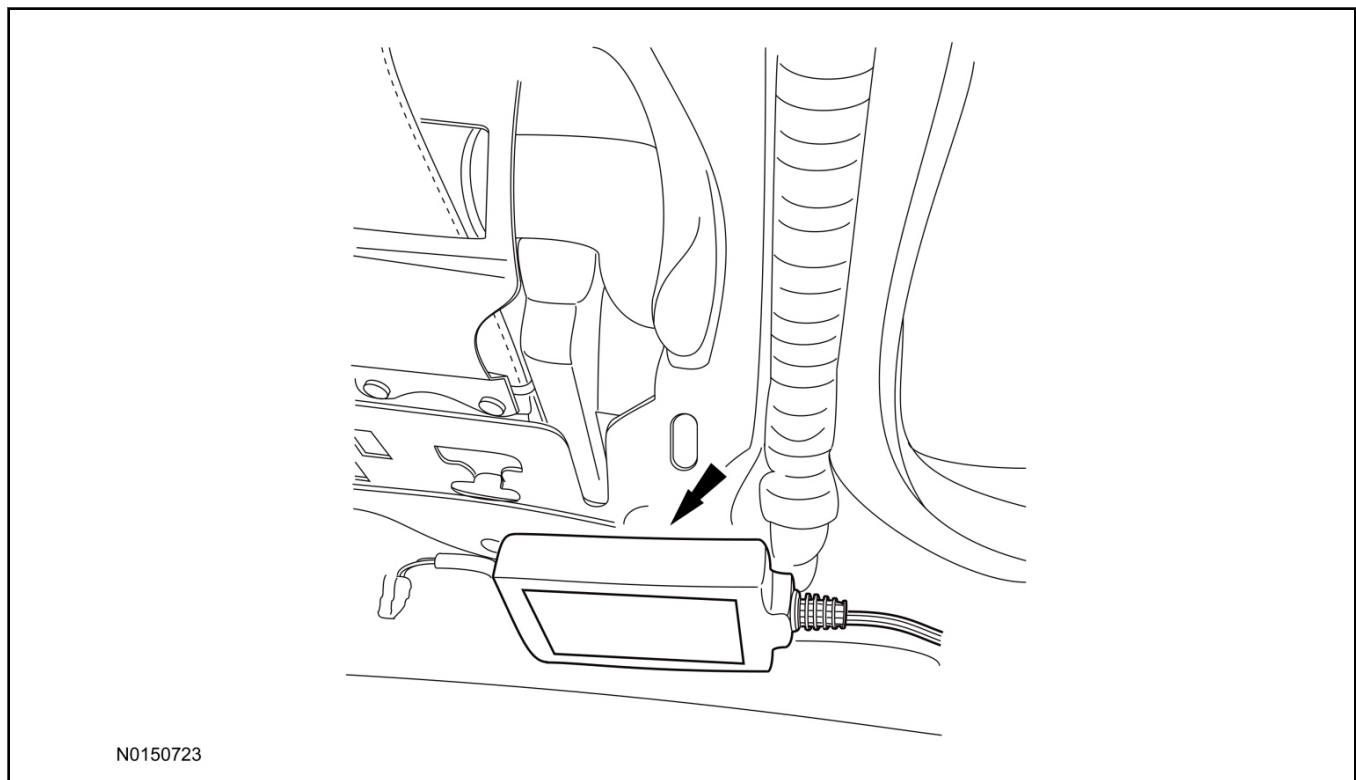
INSTALLATION (Continued)

22. Connect the T-harness to the RMST module.

**Remote Messaging Unit (RMU) Mounting****NOTE:**

For proper range of operation, the RMU must be installed as shown in the diagram below.

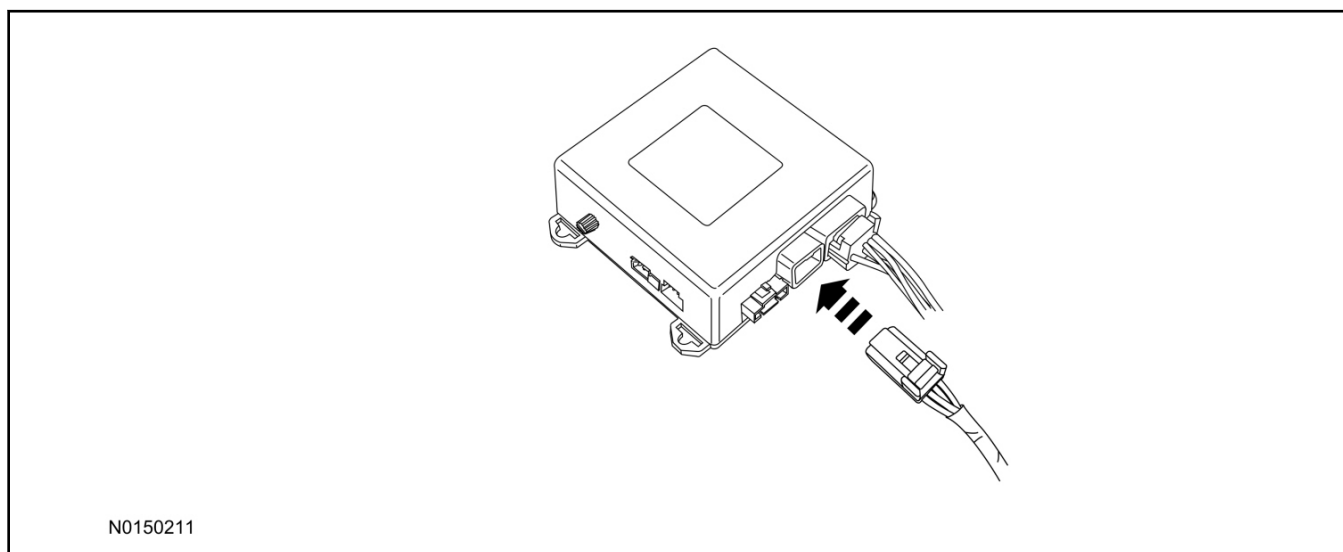
23. Using 3M Dual Lock™ strips or equivalent, secure the RMU to the base of the passenger side B-pillar.



INSTALLATION (Continued)

24. Connect the RMU electrical connector to the RMST module.

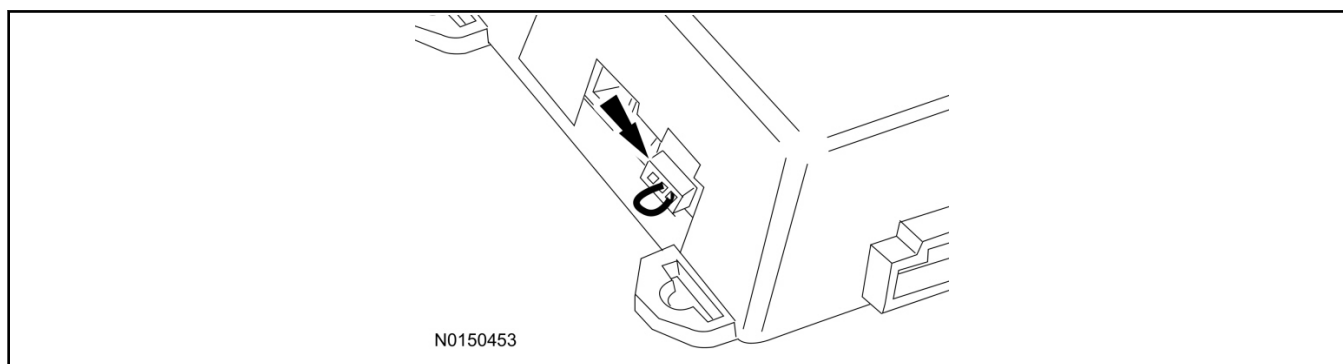
- Secure the harness with tie-straps.

**RMST Module - Optional Security Features**

25. Enable/Disable RMST Module Security Features.

Locate the jumper installed onto the side of the RMST module:

- Leave the jumper connected to the RMST module to **disable** the RMST module vehicle security features.
- Remove the jumper from the RMST module to **enable** the vehicle security features.

**Optional Security Indicator LED Mounting (Vehicles With Security Features Enabled)**

26. Keep the following points in mind when routing or positioning the LED for mounting:

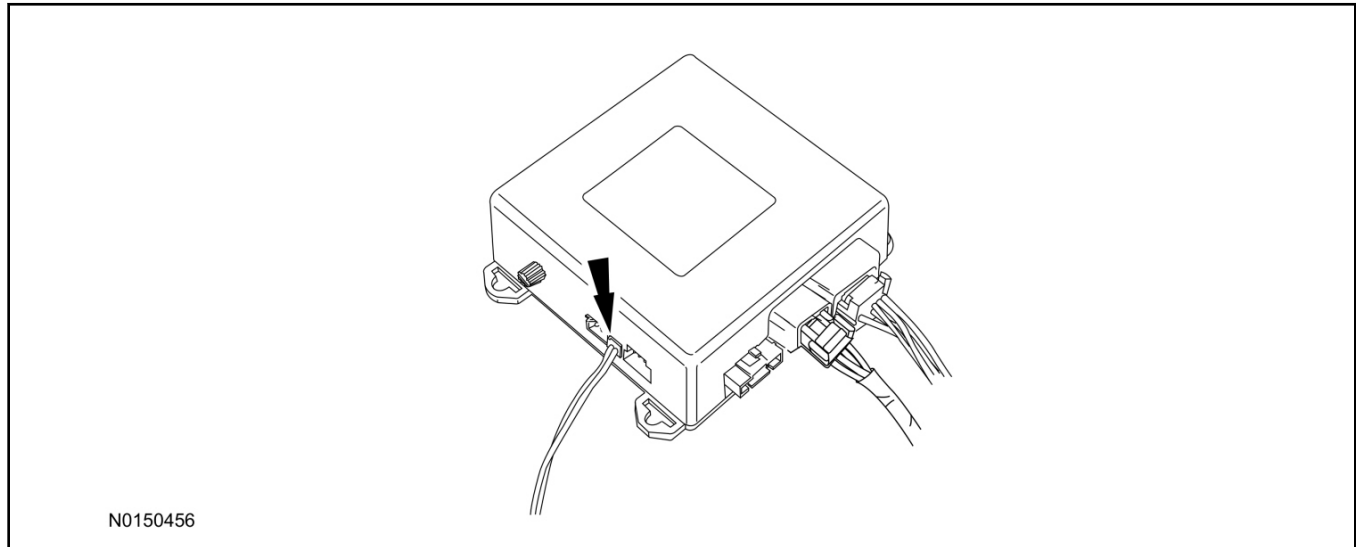
- Have at least 3/4" clearance behind trim panels for the wiring harness to be routed.
- The LED should be clearly visible from the driver's side window when mounted.
- Do not mount the LED on trim panels that cover air bags.

27. Mount the LED at an appropriate location on the upper steering column shroud, using the guidelines listed above.

- Drill a 9/32" hole into the selected location, for the LED to mount in.

INSTALLATION (Continued)

28. Route the LED wire harness to the RMST module.
29. Connect the LED wire harness to the RMST module 2-pin white connector.
 - Secure the LED wire harness with tie-straps.

**Remote Start Activation - Key Start Vehicles (Without Factory Remote Start)**

30. Verify that the IDS is updated to the most current version.
31. Connect IDS.
 - Follow the prompts to select new vehicle session.
 - Enter VIN.
32. Activate the remote start using the IDS.
 - Select the Tool Box icon.
 - Select Body.
 - Select Security.
 - Select Remote Start.
 - Verify that the information on the IDS screen is correct and all procedures have been followed.
 - Select Yes. This will enable the remote start function on the vehicle.
33. For vehicles equipped with standard message center, verify that the remote start option now appears.
 - Using the Select and Arrow buttons on the steering wheel, select Settings.
 - Select Convenience.
 - Select Remote Start.
 - Select System.
 - Verify that the remote start system is checked.

INSTALLATION (Continued)

34. For vehicles equipped with advanced message center, verify that the remote start option now appears.

- Using the Select and Arrow buttons on the steering wheel, select Settings.
- Select Vehicle Settings.
- Select Vehicle.
- Select Remote Start System.
- Verify that the remote start system is enabled.

Learn Remote Start System to Vehicle (Key Start Vehicles Only)**NOTE:**

Make sure the brake pedal is not depressed during this sequence.

35. Press the vehicle's unlock button located on the driver's door. Make sure all doors are unlocked.

36. Put the key in the ignition.

37. Cycle eight times rapidly (within 10 seconds) between the 1 (OFF/LOCK) position and 3 (ON) position.

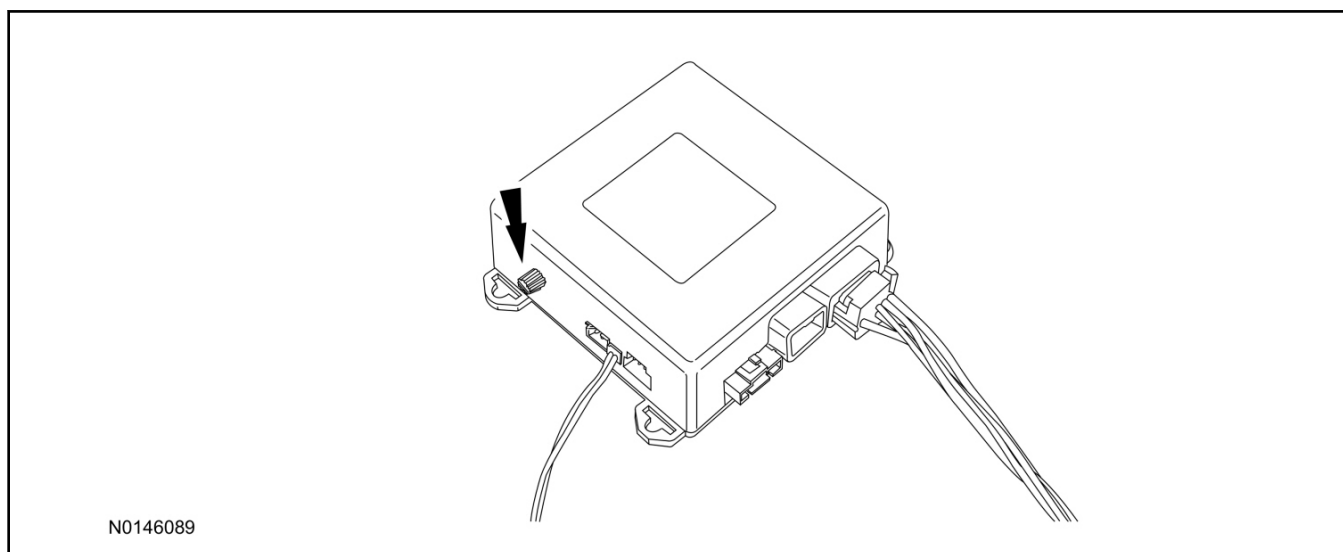
- The eighth turn must end in the 3 (ON) position. The doors will lock, then unlock, to confirm that the programming mode has been activated.

38. Wait for 10 seconds and the remote start module will program itself to the system.

- After 20 seconds, you will automatically exit the programming mode. The doors will lock, then unlock, to confirm that the programming mode has been exited.

Shock Sensor Sensitivity Adjustment (Vehicles With Security Features Enabled)**NOTE:**

The RMST module is equipped with an internal dual zone Shock Sensor. The system will activate a single horn honk/single light flash anytime a light to moderate impact is detected, and a "panic" type 30 second horn honk/light flash sequence when a heavy impact is detected while the system is armed. Adjustment of both zones is accomplished through a single adjustment knob on the RMST module. Rotating the knob clockwise will increase sensitivity and rotating the knob counter-clockwise will decrease sensitivity (see page 12). Sensitivity adjustment must be completed with the module securely mounted and the adjustment knob accessible.

INSTALLATION (Continued)

39. Starting with the adjustment knob in approximately the halfway position, lower the driver's window and exit the vehicle.
40. Press the LOCK button on the vehicle's RKE fob to arm the RMST system. If equipped, the optional LED will light solid for 20 seconds and then begin to flash a steady on/off sequence to indicate the system is armed.
41. Using a closed fist, impact the steering wheel with moderate force to simulate a light impact on the vehicle. If the impact is detected, the horn will honk and the lights will flash 1 time to indicate the warning impact was detected.
42. Using a closed fist, impact the steering wheel with heavy force to simulate a hard impact (i.e. glass breakage) on the vehicle. If the impact is detected, the horn will honk and the lights will flash a steady on off sequence to indicate the heavy or full shock trigger was detected.
43. Increase (rotate clockwise) or decrease (rotate counter-clockwise) the adjustment knob as necessary to achieve desired sensitivity, repeat the previous steps to test, and verify adjustment.

Assemble Trim

44. Install the parcel shelf. For additional information, refer to WSM Section 501-05.
45. Install the passenger side lower B-pillar trim panel. For additional information, refer to WSM Section 501-05.

RMU Activation**NOTE:**

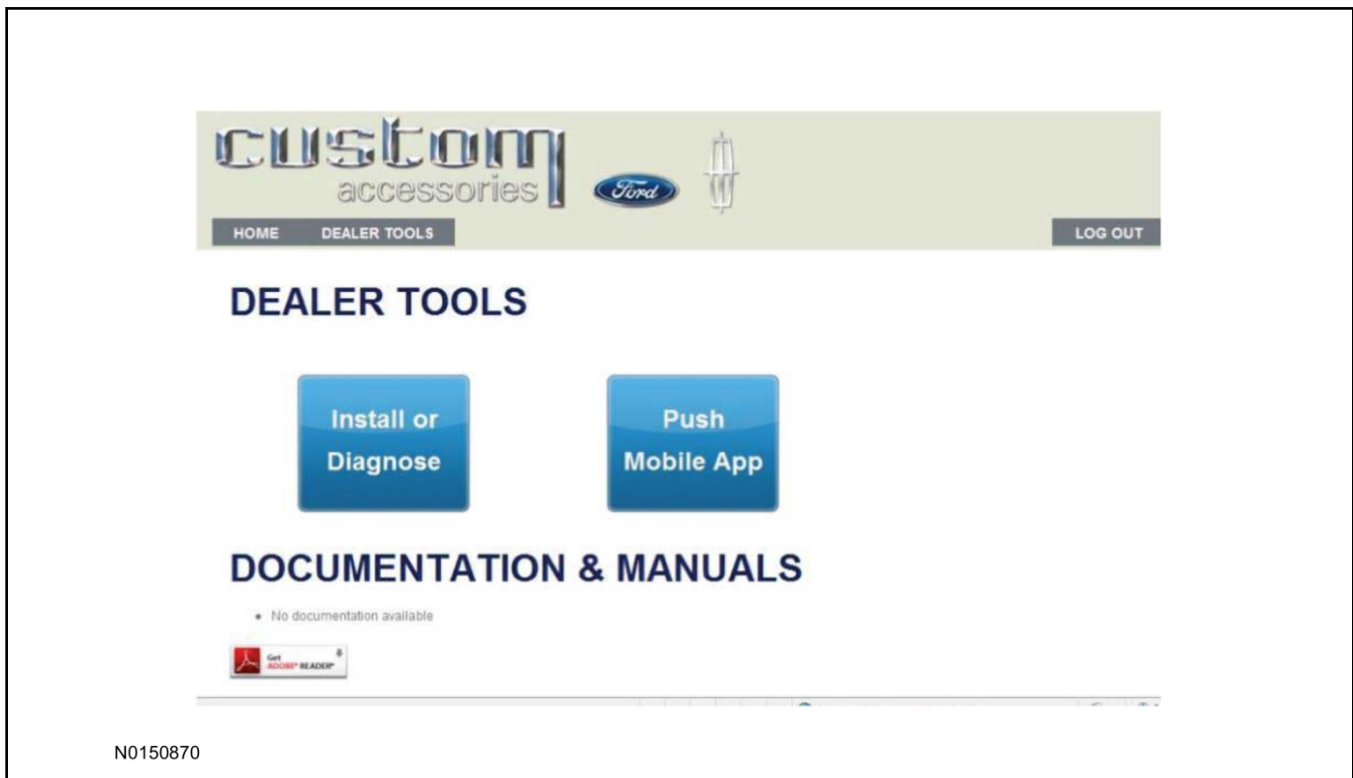
Please note that the Remote Access application that is used to start the vehicle for this RMST kit will only work with iPhone and Android phones.

INSTALLATION (Continued)

46. For RMU activation the following information from the customer is recommended to provide them with electronic notification for app retrieval:
 - 1 Email Address
 - 2 Cell Phone Number
 - 3 Cell Phone Carrier Company
47. Log on to your Professional Technician Society (PTS) account and enter the vehicle information.
 - 1 Select "Vehicle Id".
 - 2 Select "By Year & Model"
 - 3 Choose the year & model of the vehicle and then select "GO".
 - 4 Hover over the "Workshop" tab.
 - 5 Select the "Accessory Installation" menu item.
 - 6 Under the "Electrical" heading, select the "Remote Access Activation" link (first time users will need to agree to terms & conditions).
 - 7 Select the "Install or Diagnose" link.

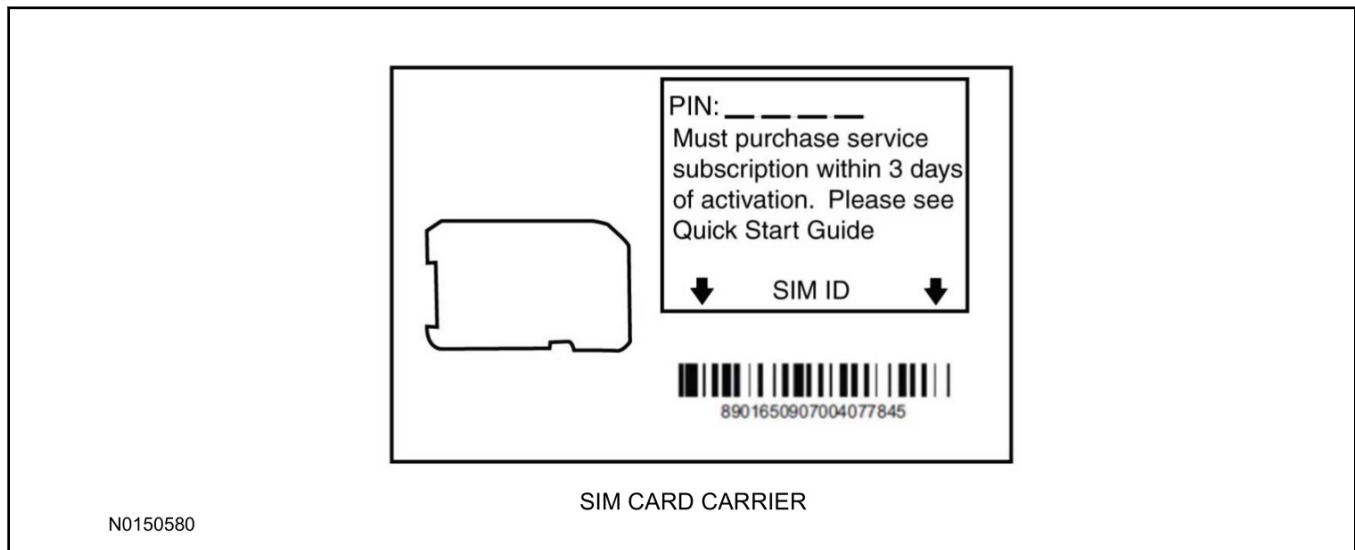
NOTE:

If you are not directed to the screen shown below (or user agreement screen for first time users), make sure your internet browser zone settings are set to "medium". This setting can be found in your browsers "internet options" under the "privacy" tab.

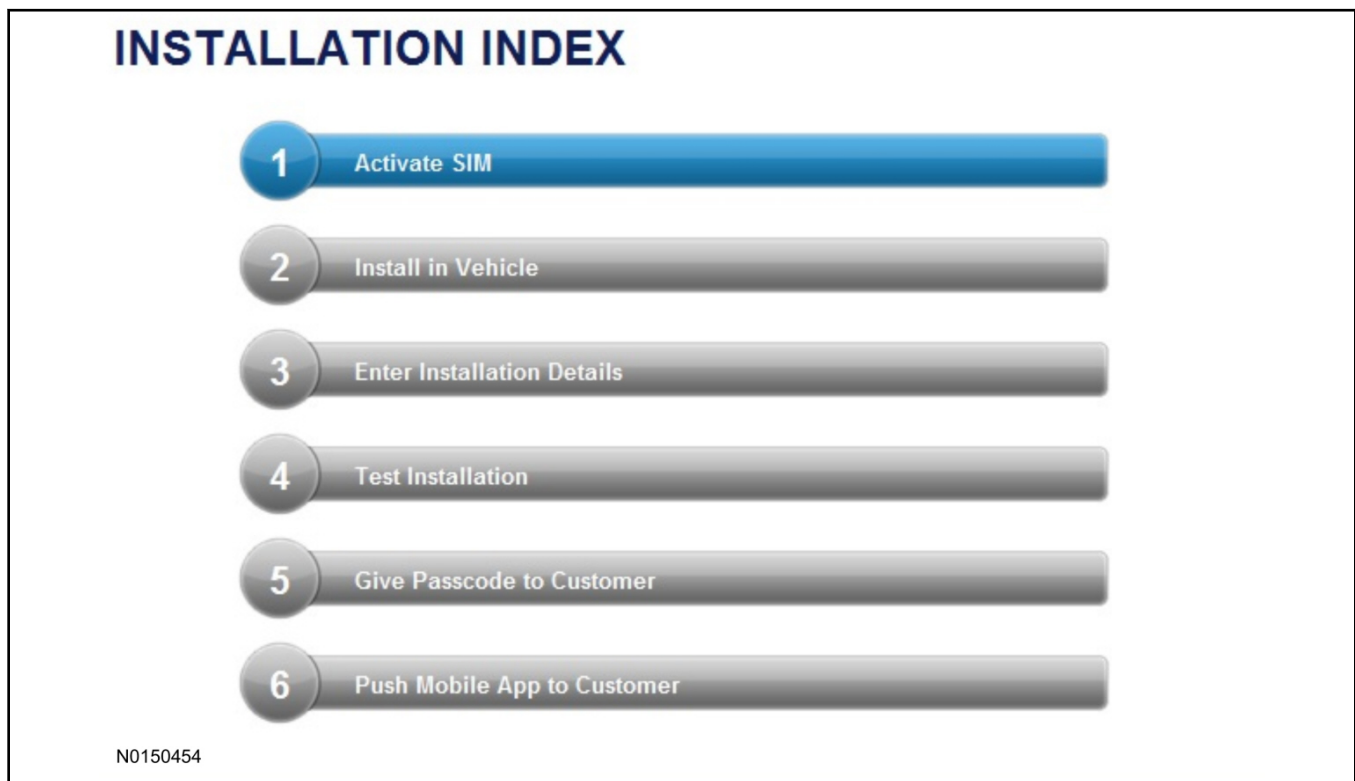


INSTALLATION (Continued)

48. Once on the "Install" page, enter the SIM ID code that was provided with the RMST kit. Select "Begin or Continue Installation".



49. Click on the "On screen steps 1-6", and follow the on screen instructions to complete the installation.



INSTALLATION (Continued)**NOTE:**

The following step will complete the activation process, when you ctg"fkgevgf"vq a screen similar to the one below ensure all applicable features are enabled.

NOTE:

The "perimeter" and "shock" settings below are optional features and should only be selected when security features are enabled.

Installation Details

Brand Ford

Security Features Requery

☒ Start

☒ Stop

☒ Lock

☒ Unlock

☒ Car Finder

☒ Perimeter

☒ Shock

Return Continue

N0150305

INSTALLATION (Continued)

50. Perform a functional check of the system by testing each of the available features.

- Start/Stop function
- Lock/Unlock function
- Car finder
- Signal (for troubleshooting only)

Installation Test

Session Status	✓	Yes
Network Connection	✓	Yes
IP Assigned	✓	10.64.17.233
Comm Established	✓	Yes
Received IMEI	✓	358901041730422
Received ESN	✓	1663000117

Your install has been tested successfully. If you would like to test the physical functions of the module, you can do so below.

[Start](#) [Stop](#) [Lock](#) [Unlock](#) [Car Finder](#) [Signal](#)

[Return](#) [Continue](#)

N0150677

NOTE:

All tests above must be completed in order to move to the next step. If any of the listed functions fail, move the vehicle to an outside location and retest.

Key Start Vehicles Only**NOTE:**

In the event start or stop fail, refer to the "Remote Start Activation" section in this manual.

NOTE:

In the event lock/unlock or carfind fail, refer to the "Learn Remote Start System to Vehicle" section in this manual.

INSTALLATION (Continued)**All Vehicles**

51. Once the hardware installation and RMU activation process is complete, record the 4-digit PIN on the SIM card carrier. Provide the SIM card carrier to the customer so they can add this system to their Remote Access Account. Customer must have both the 4-digit PIN and SIM ID to activate/add their vehicle to their Remote Access Account.
52. If the customer agrees, you may push the mobile application to the customer. You will need the customer's phone number and cellular carrier. If the customer opts to install the application themselves, they can locate it in their mobile app store.
53. **Please contact Ford Hotline with any issues regarding remote access functionality.
Please contact 1-800-FORD-KEY with any issues regarding hardware or kit contents.**

Remote Access System Installation

CONTENTS

VEHICLE PREPARATION

INSTALLATION

RMST Module Installation

RMU Module Installation

GENERAL PROCEDURES

Shock Sensor Sensitivity Adjustment

RMU Activation

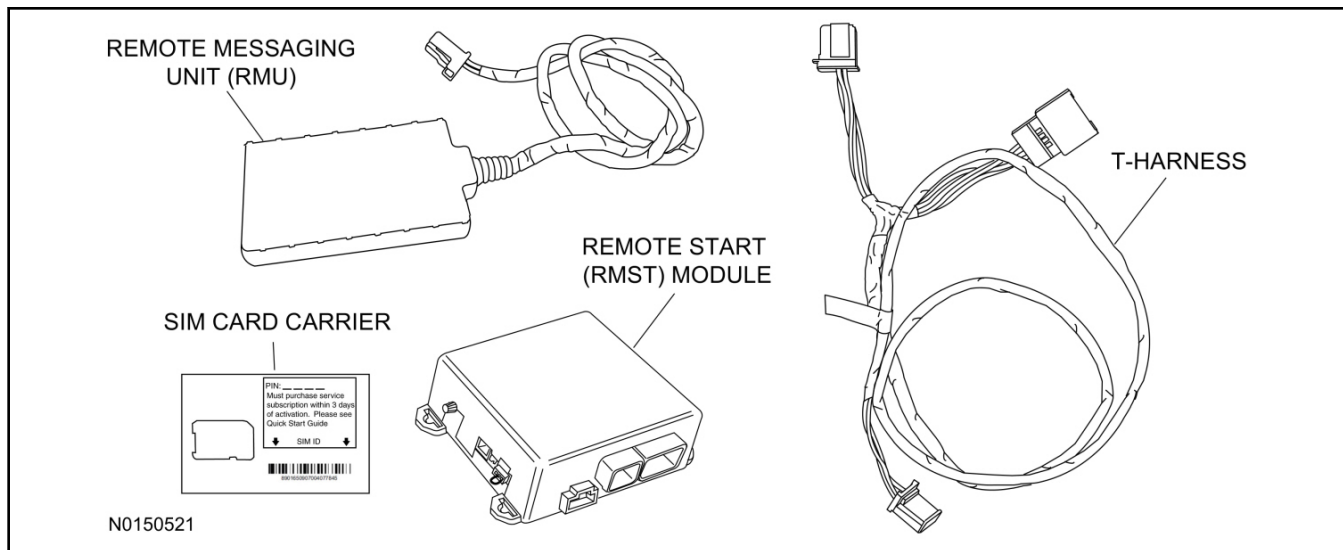
INSTALLATION

Remote Start — MKS

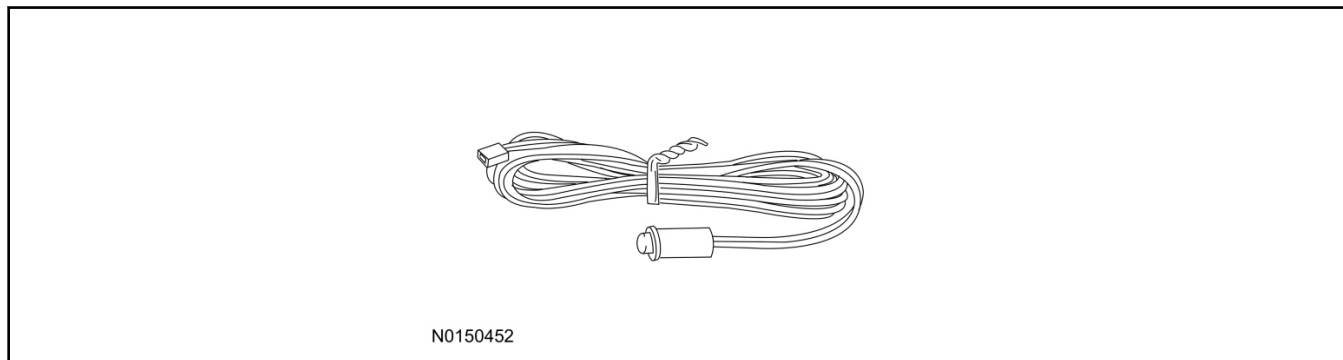
System (RMST) Components

NOTE:

RMU must be installed as described in this manual.



Optional Security Indicator LED (19D596)



MKS - Remote Access

NOTE:

Please note that the Remote Access Application that is used to start the vehicle will only work with iPhone and Android phones.

1. Verify correct kit number.

RMST Kit Contents

2. Review the RMST kit contents.

INSTALLATION (Continued)**RMST Kit**

QUANTITY	DESCRIPTION
1	RMST Module
1	Remote Messaging Unit (RMU)
1	T-harness
1	Security Jumper (inserted into RMST module)
6	Tie Straps (not shown)
1	Quick Reference Card (not shown)
1	Sim Card Carrier

Optional Security Indicator LED Kit Contents

- Review the Security Indicator LED kit contents.

Security Indicator LED Kit

QUANTITY	DESCRIPTION
1	Security Indicator LED

Vehicle Preparation

- Remove the rear seat backrest. For additional Information, refer to Workshop Manual (WSM) Section 501-10.
- Remove the RH & LH upper C-pillar trim panels. For additional Information, refer to WSM Section 501-05.
- Remove the RH lower B-pillar trim panel. For additional Information, refer to WSM Section 501-05.
- Remove the RH & LH passenger assist handles from the headliner.

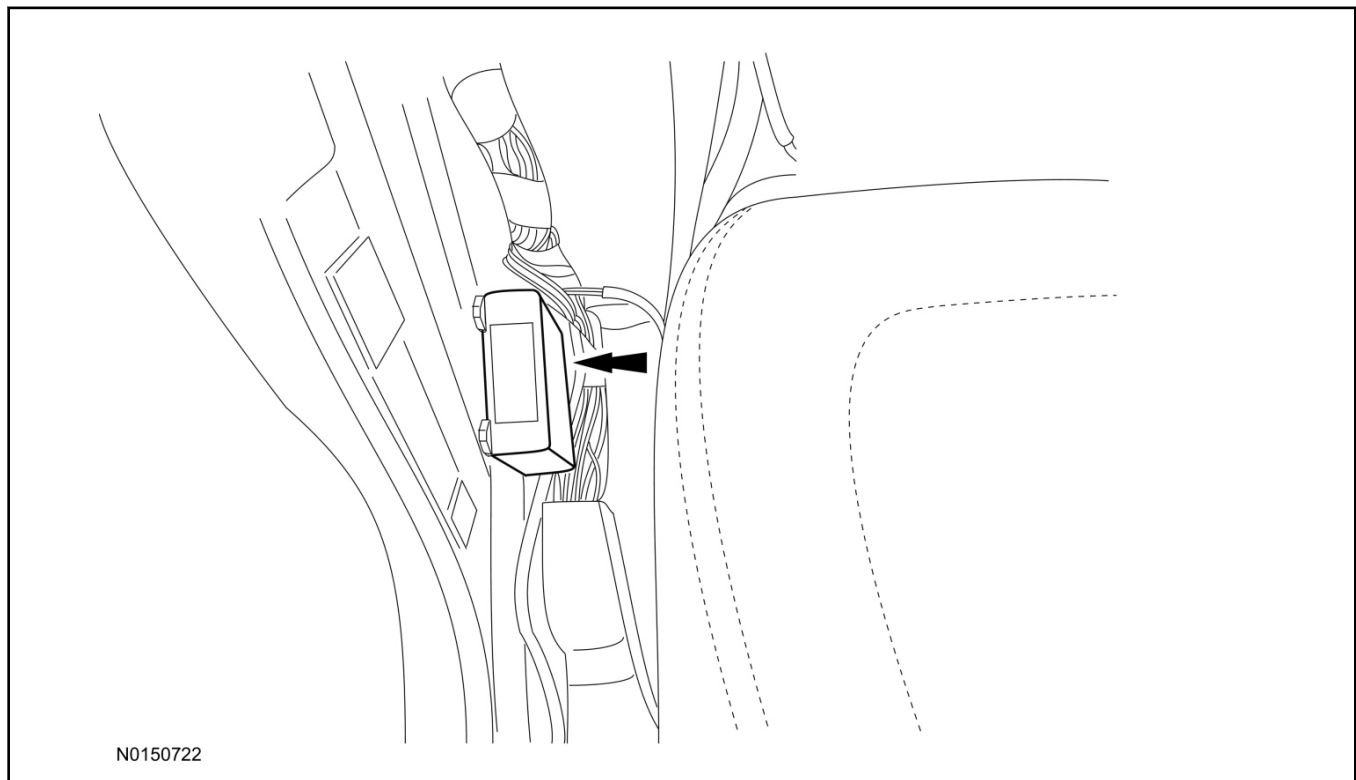
NOTICE:

Use caution when lowering headliner. Do not pull down more than necessary to access the Tire Pressure Monitor (TPM) electrical connector or damage to the headliner may occur.

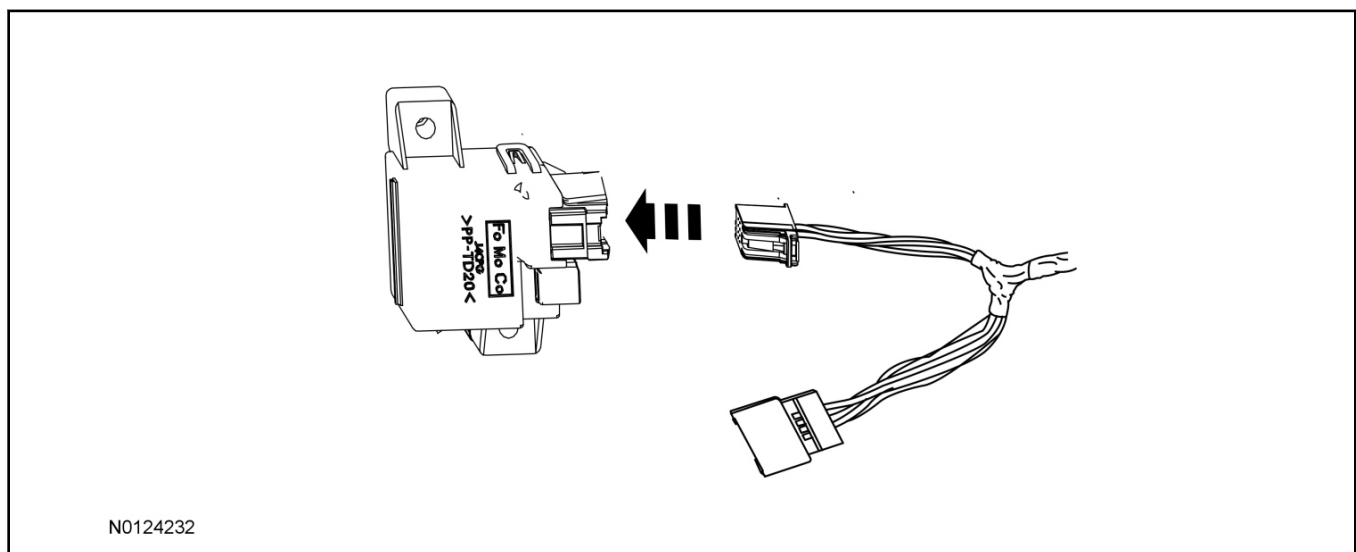
- Lower the RH rear corner of the headliner and disconnect the Tire Pressure Monitor (TPM) Module.

INSTALLATION (Continued)**Install RMST module**

9. Install the RMST module onto the vehicle body between the passenger side rear seat cushion and C-pillar, as shown.
 - Secure with the 3M Dual Lock™ strips.

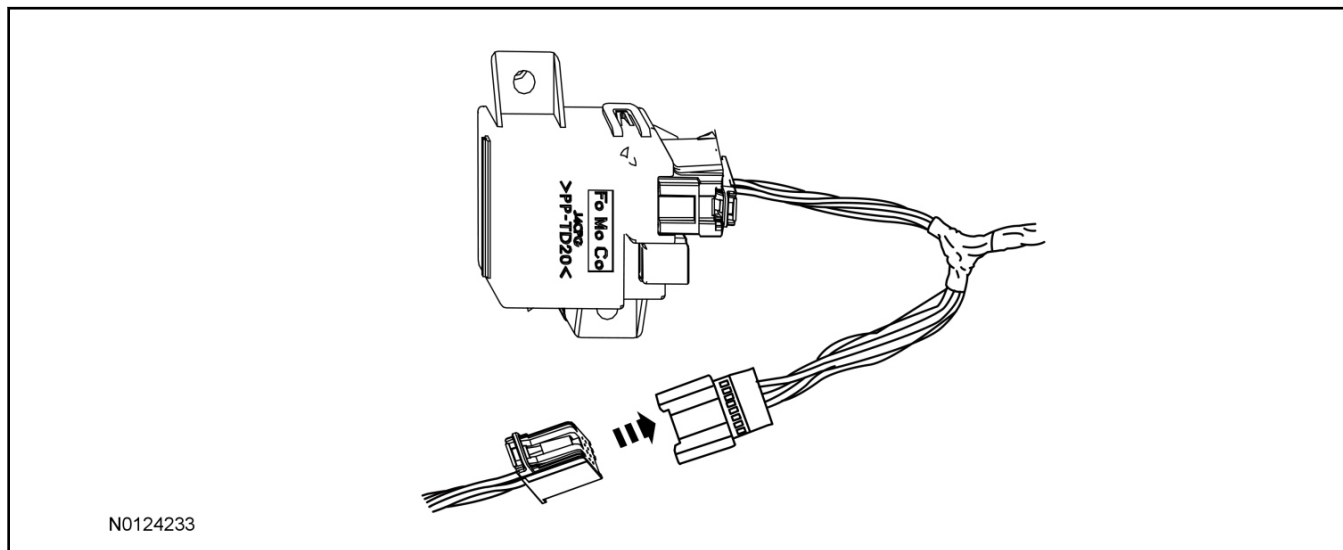


10. Connect the female end of the 8-pin T-harness to the TPM module.



INSTALLATION (Continued)

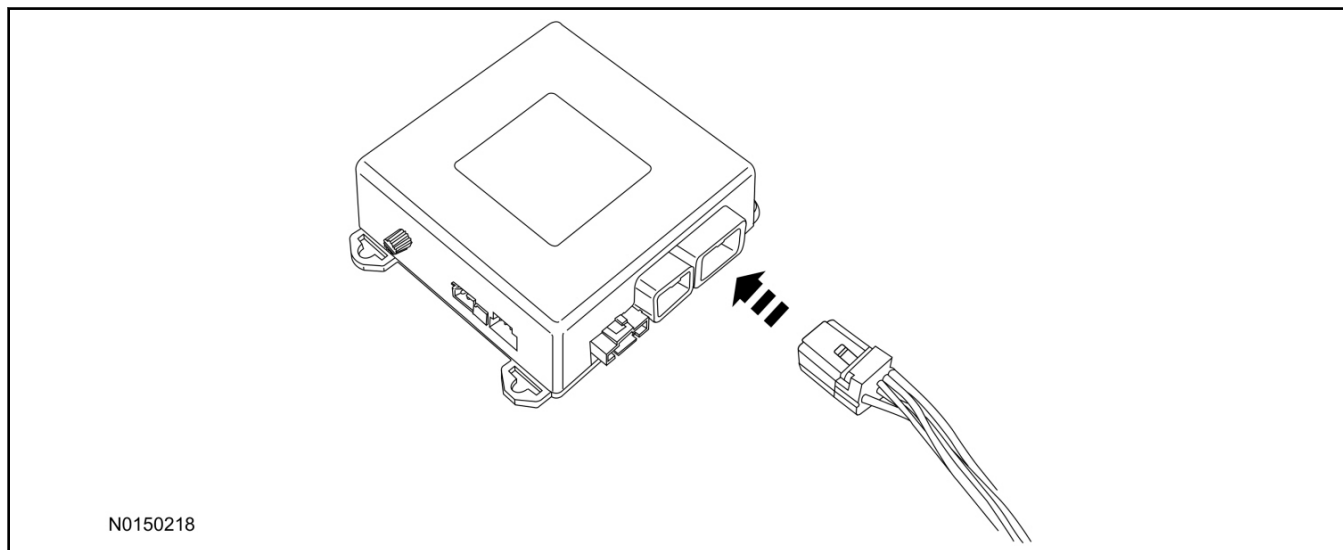
11. Connect the male end of the 8-pin T-harness to the vehicle's existing TPM module harness.



⚠ WARNING:

When routing the TPM harness to the RMST module, DO NOT route harness in front of the side curtain bag. Always route wiring behind the side curtain airbag. Failure to follow these instructions may result in incorrect operation of the airbag and increase the risk of serious personal injury or death in a crash.

12. Route the T-harness from the TPM module to the RMST module.
- Secure the T-harness with zip-ties.
13. Connect the T-harness to the RMST module.

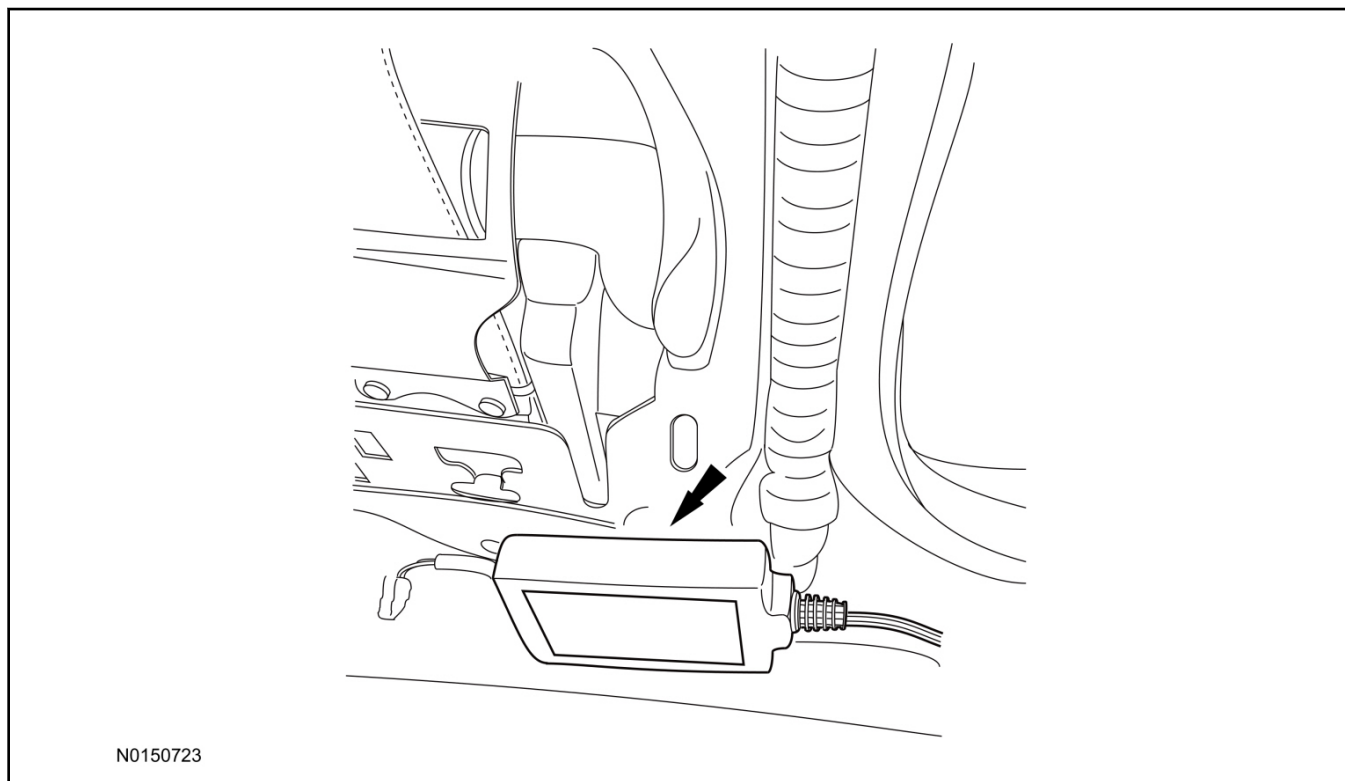


Remote Messaging Unit (RMU) Mounting

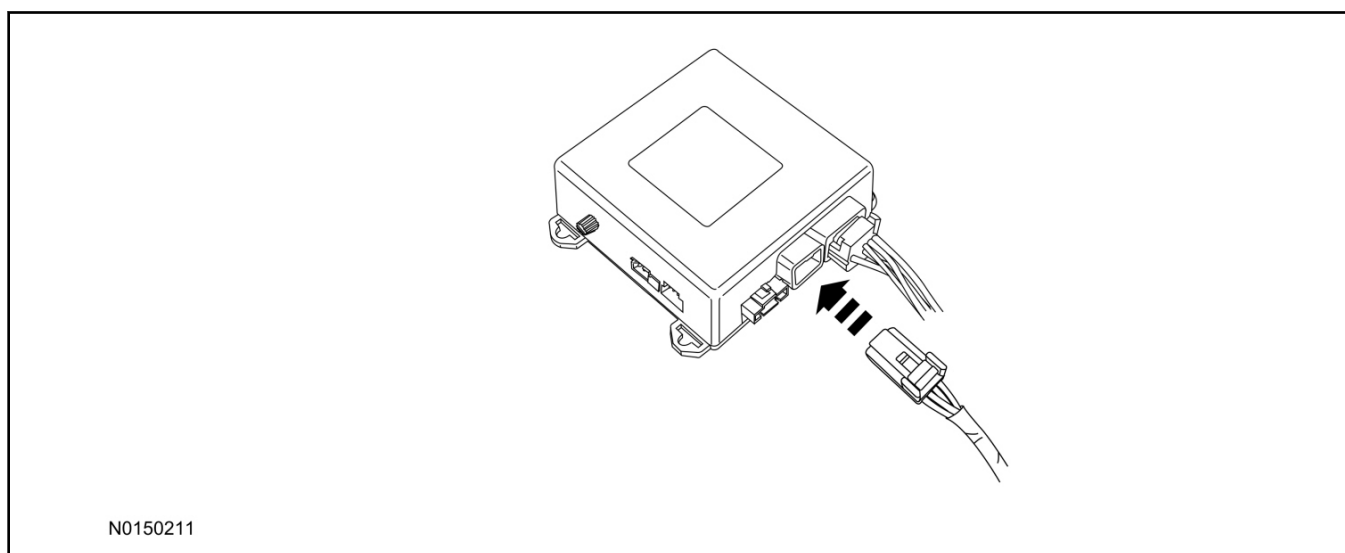
NOTE:

For proper range of operation, the RMU must be installed as shown in the diagram below.

14. Using 3M Dual Lock™ strips or equivalent, secure the RMU to the base of the passenger side B-pillar.



15. Connect the RMU electrical connector to the RMST module.
 - Secure the harness with tie-straps.

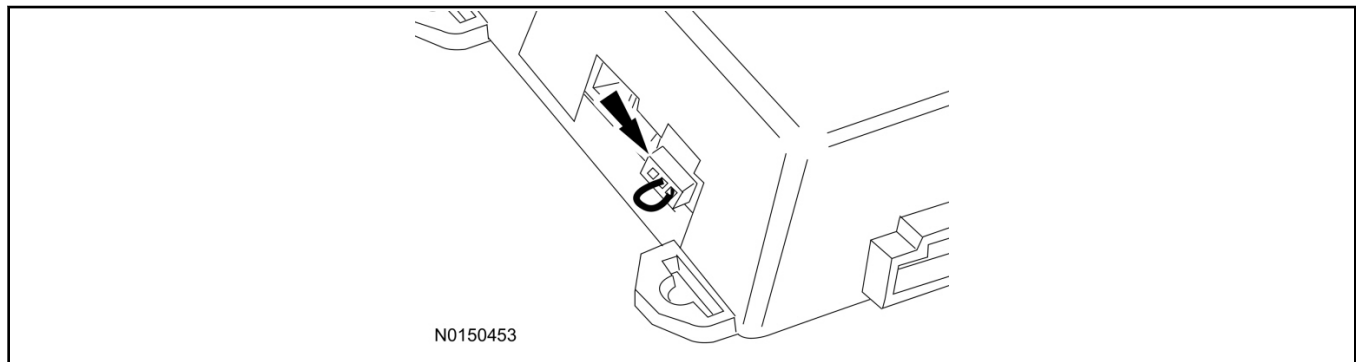


INSTALLATION (Continued)**RMST Module - Optional Security Features**

16. Enable/Disable RMST Module Security Features.

Locate the jumper installed onto the side of the RMST module:

- Leave the jumper connected to the RMST module to **disable** the RMST module vehicle security features.
- Remove the jumper from the RMST module to **enable** the vehicle security features.

**Optional Security Indicator LED Mounting (Vehicles With Security Features Enabled)**

17. Keep the following points in mind when routing or positioning the LED for mounting:

- Have at least 3/4" clearance behind trim panels for the wiring harness to be routed.
- The LED should be clearly visible from the driver's side window when mounted.
- Do not mount the LED on trim panels that cover air bags.

18. Mount the LED at an appropriate location on the upper steering column shroud, using the guidelines listed above.

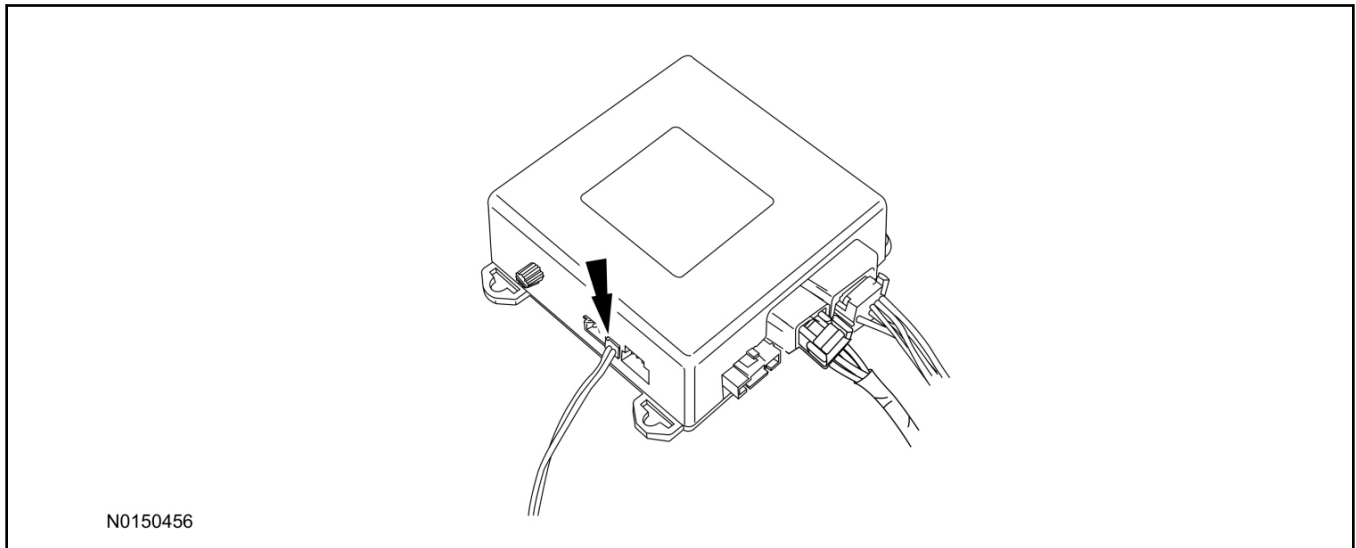
- Drill a 9/32" hole into the selected location, for the LED to mount in.

19. Route the LED wire harness to the RMST module.

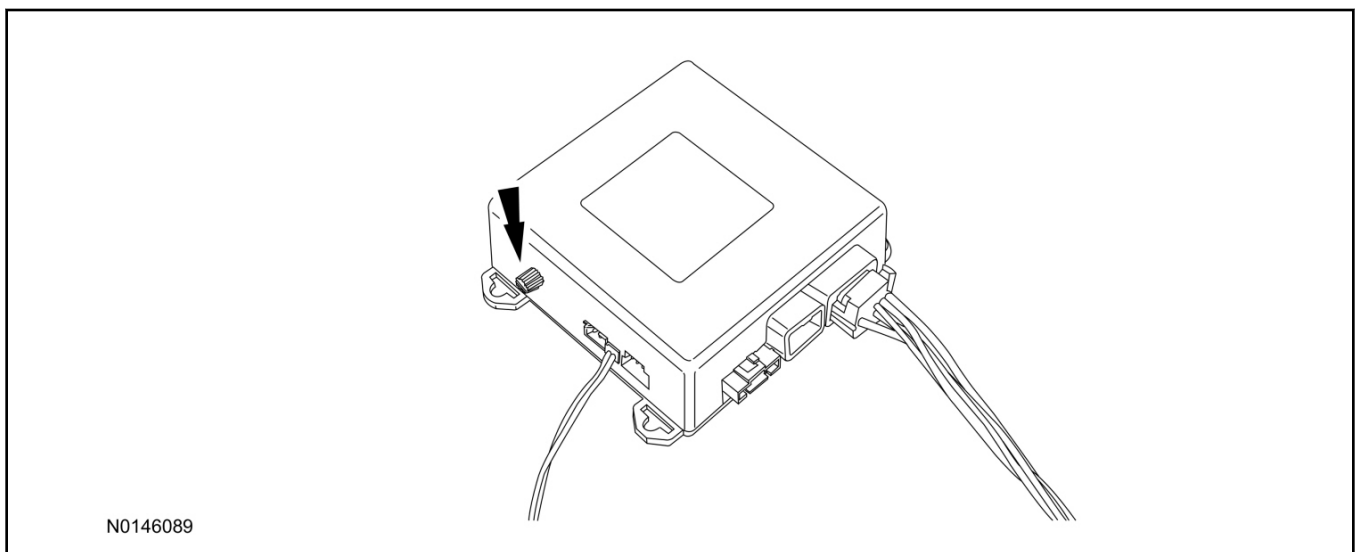
INSTALLATION (Continued)

20. Connect the LED wire harness to the RMST module 2-pin white connector.

- Secure the LED wire harness with tie-straps.

**Shock Sensor Sensitivity Adjustment (Vehicles With Security Features Enabled)****NOTE:**

The RMST module is equipped with an internal dual zone Shock Sensor. The system will activate a single horn honk/single light flash anytime a light to moderate impact is detected, and a "panic" type 30 second horn honk/light flash sequence when a heavy impact is detected while the system is armed. Adjustment of both zones is accomplished through a single adjustment knob on the RMST module. Rotating the knob clockwise will increase sensitivity and rotating the knob counter-clockwise will decrease sensitivity. Sensitivity adjustment must be completed with the module securely mounted and the adjustment knob accessible.



INSTALLATION (Continued)

21. Starting with the adjustment knob in approximately the halfway position, lower the driver's window and exit the vehicle.
22. Press the LOCK button on the vehicle's RKE fob to arm the RMST system. If equipped, the optional LED will light solid for 20 seconds and then begin to flash a steady on/off sequence to indicate the system is armed.
23. Using a closed fist, impact the steering wheel with moderate force to simulate a light impact on the vehicle. If the impact is detected, the horn will honk and the lights will flash 1 time to indicate the warning impact was detected.
24. Using a closed fist, impact the steering wheel with heavy force to simulate a hard impact (i.e. glass breakage) on the vehicle. If the impact is detected, the horn will honk and the lights will flash a steady on off sequence to indicate the heavy or full shock trigger was detected.
25. Increase (rotate clockwise) or decrease (rotate counter-clockwise) the adjustment knob as necessary to achieve desired sensitivity, repeat the previous steps to test, and verify adjustment.

Assemble Trim

26. Raise the headliner and install the RH & LH passenger assist handles.
27. Install the RH lower B-pillar trim panel. For additional information, refer to WSM Section 501-05.
28. Install the RH & LH upper C-pillar trim panel. For additional information, refer to WSM Section 501-05.
29. Install the rear seat backrest. For additional information, refer to WSM Section 501-10.

RMU Activation**NOTE:**

Please note that the Remote Access application that is used to start the vehicle for this RMST kit will only work with iPhone and Android phones.

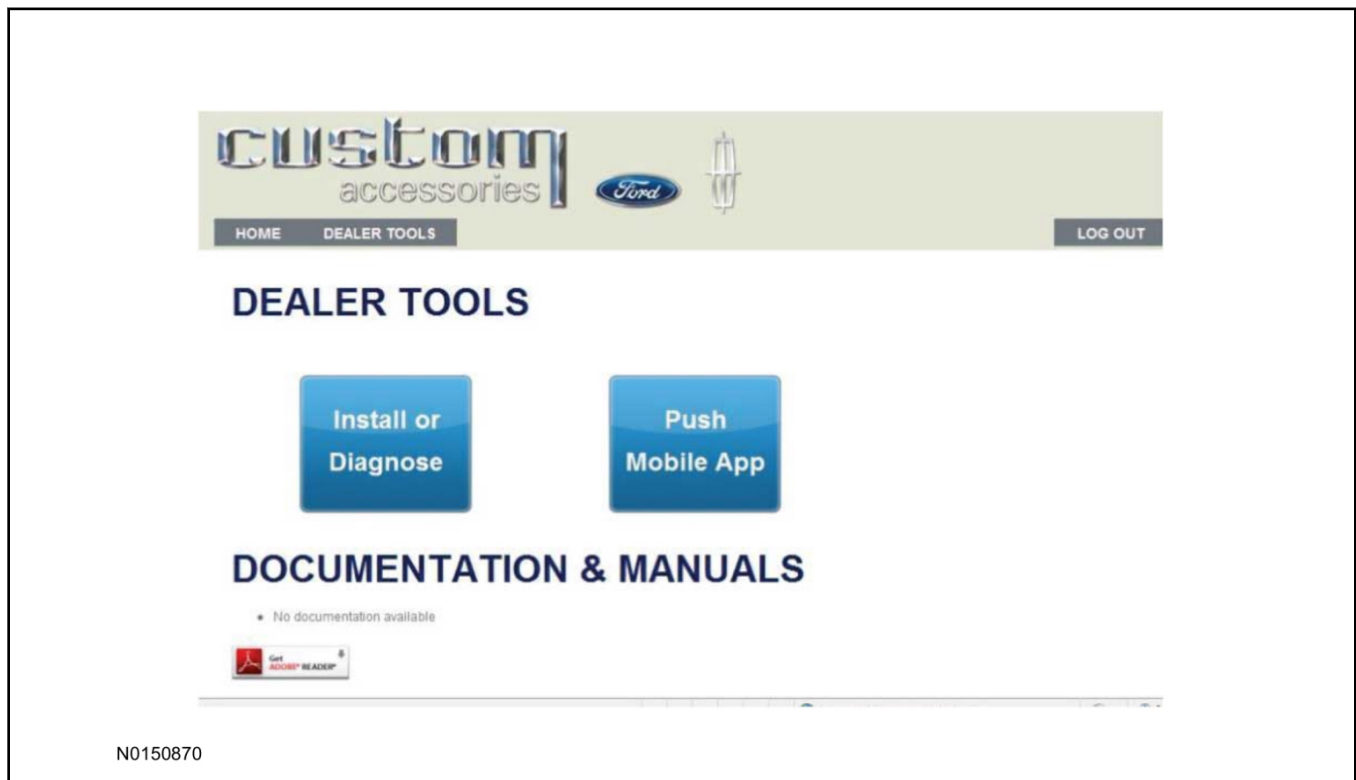
30. For RMU activation the following information from the customer is recommended to provide them with electronic notification for app retrieval:
 - 1 Email Address
 - 2 Cell Phone Number
 - 3 Cell Phone Carrier Company

INSTALLATION (Continued)

31. Log on to your Professional Technician Society (PTS) account and enter the vehicle information.
 - 1 Select "Vehicle Id".
 - 2 Select "By Year & Model"
 - 3 Choose the year & model of the vehicle and then select "GO".
 - 4 Hover over the "Workshop" tab.
 - 5 Select the "Accessory Installation" menu item.
 - 6 Under the "Electrical" heading, select the "Remote Access Activation" link (first time users will need to agree to terms & conditions).
 - 7 Select the "Install or Diagnose" link.

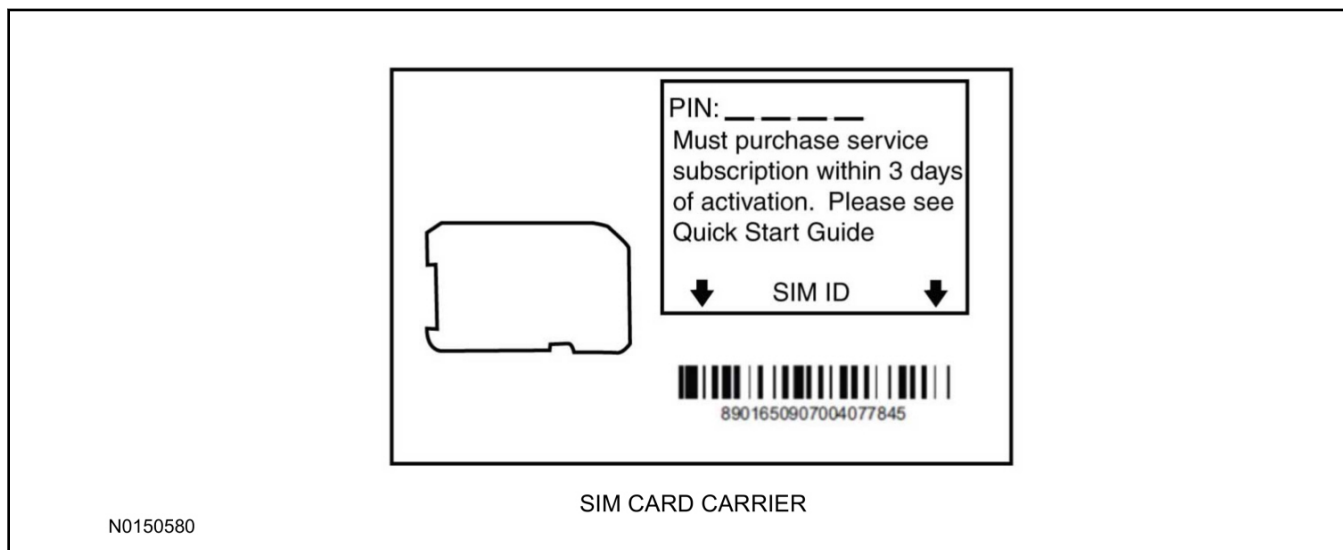
NOTE:

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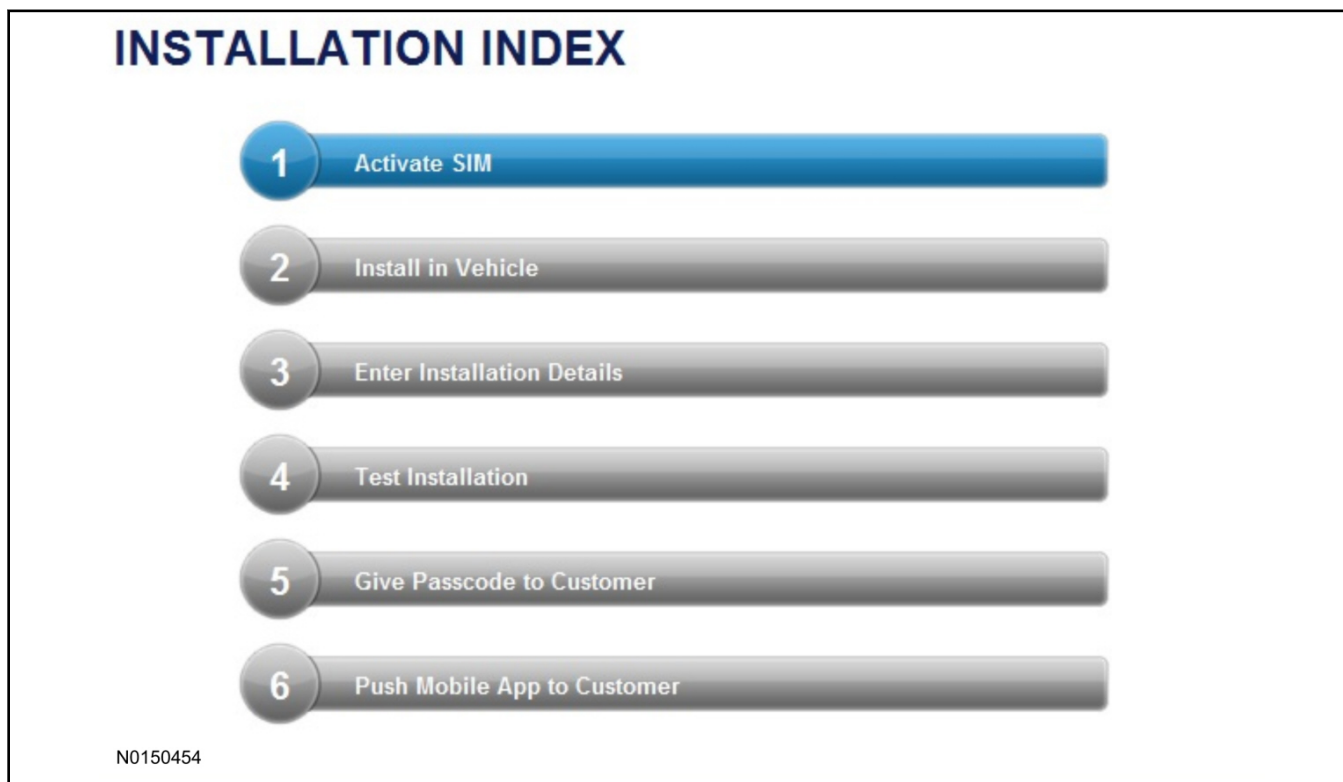


INSTALLATION (Continued)

32. Once on the "Install" page, enter the SIM ID code that was provided with the RMST kit. Select "Begin or Continue Installation".



33. Click on the "On screen steps 1-6", and follow the on screen instructions to complete the installation.



INSTALLATION (Continued)**NOTE:**

The following step will complete the activation process, when you click the "Continue" button a screen similar to the one below ensure all applicable features are enabled.

NOTE:

The "perimeter" and "shock" settings below are optional features and should only be selected when security features are enabled.

Installation Details

Brand Ford

Security Features Requery

☒ Start

☒ Stop

☒ Lock

☒ Unlock

☒ Car Finder

☒ Perimeter

☒ Shock

Return

N0150305

Continue

INSTALLATION (Continued)

34. Perform a functional check of the system by testing each of the available features.

- Start/Stop function
- Lock/Unlock function
- Car finder
- Signal (for troubleshooting only)

Installation Test

Session Status	✓	Yes
Network Connection	✓	Yes
IP Assigned	✓	10.64.17.233
Comm Established	✓	Yes
Received IMEI	✓	358901041730422
Received ESN	✓	1663000117

Your install has been tested successfully. If you would like to test the physical functions of the module, you can do so below.

[Start](#) [Stop](#) [Lock](#) [Unlock](#) [Car Finder](#) [Signal](#)

[Return](#) [Continue](#)

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NOTE:

All tests above must be completed in order to move to the next step. If any of the listed functions fail, move the vehicle to an outside location and retest.

35. Once the hardware installation and RMU activation process is complete, record the 4-digit PIN on the SIM card carrier. Provide the SIM card carrier to the customer so they can add this system to their Remote Access Account. Customer must have both the 4-digit PIN and SIM ID to activate/add their vehicle to their Remote Access Account.
36. If the customer agrees, you may push the mobile application to the customer. You will need the customer's phone number and cellular carrier. If the customer opts to install the application themselves, they can locate it in their mobile app store.
37. **Please contact Ford Hotline with any issues regarding remote access functionality.**
Please contact 1-800-FORD-KEY with any issues regarding hardware or kit contents.