

Genuine Accessories



Vehicle Model: Elantra

Model Year 2019~

Part No. F3F62 AU000 (DIO)

F3F62 AU600 (PIO)

Language English

Rev. Date 3/9/2020

Accessory: Mirror, Auto-dimming w/ HL5 and Compass

Difficulty: (B)

Note: Difficulty stated above reflects the minimum level of expertise required to install the accessory:

- (A) Customer
- (B) Dealer Technician
- (C) Master Technician or Specialist

Instructional Symbols / Definitions

| | | |
|--|---|---|
| Denotes warnings that may lead to serious physical injury or vehicle damage | Denotes quality processes to be checked prior to moving to the next step | Denotes personal protective equipment (PPEs) that may be required for a step. Examples of safety equipment icons noted below: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Glasses </div> <div style="text-align: center;"> Gloves </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Mask </div> <div style="text-align: center;"> Hearing Protection </div> </div> |
| Denotes cautions to be taken to avoid physical injury or electronic component damage | Denotes specific tools that are necessary to complete a step | |
| Denotes cautions to be taken to avoid vehicle and component damage | <div style="border: 1px solid black; padding: 5px; width: 20px; margin: 0 auto;"> N O T E </div> Denotes important information to be reviewed during the step | |

Basic Required Hand Tools

| | | | | | |
|---------------------|------------------------------|---------------------------------|--------------------------------|------------------------|------------------------|
| | M10 | | | T20 | T30 |
| Ratchet | 10mm Deep Well Socket | Nylon Panel Removal Tool | #2 Phillips Screwdriver | T20 Torx Driver | T30 Torx Driver |
| | | T20 | | M12 | |
| Side Cutters | Pliers | T20 Torx Socket | Tape Measure | 12mm Socket | Torque Wrench |

Part Weight (Gross)

| | |
|-------------|-----|
| 1.30 | lbs |
| 0.59 | kg |

Part Weight (Net)

| | |
|-------------|-----|
| 0.55 | lbs |
| 0.25 | kg |

FMVSS 110 Compliance Information

All dealers must determine if the Net weight they have added in the form of all options or accessories, when added to the weight of all Port/Dealer Installed options or accessories, exceeds the lesser of 1.5% of GVWR or 100lbs. If the additional weight does exceed the lesser of the indicated thresholds, a "Load Carrying Capacity Reduced" label must be installed. A black, fine-point, indelible marker must be used to write by hand onto the label, the reduced carrying capacity in kilograms or pounds, which is the total weight of all added options and accessories.

Load Label Part Number: NP070 - 09003

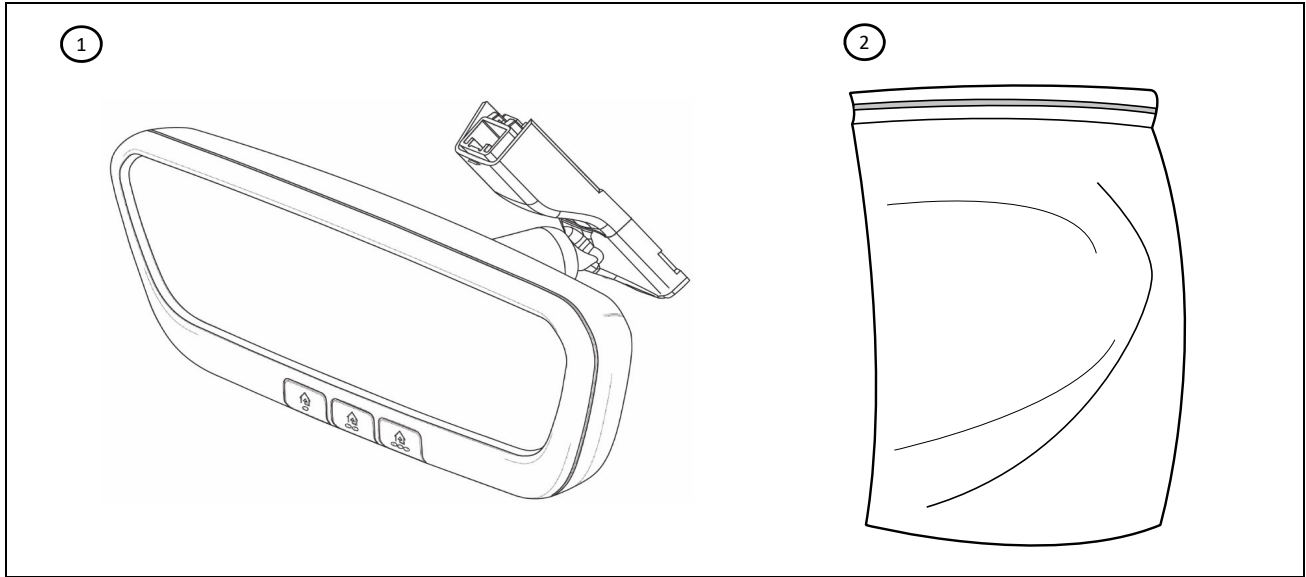
Notes to the installer:

- 1) Read the entire Installation Instructions prior to beginning the installation of the part.
- 2) If applicable, scan the barcode label located on the accessory part or packaging prior to installing, to register the part. If this accessory is installed as a replacement, register the removal of the old part before registering the new part. Old and new parts will have different barcode data, and the old registration cannot be reused.
- 3) Make sure the vehicle is completely clean and dry in the area(s) the part is to be installed.
- 4) Ensure the vehicle is properly protected in the area(s) that the accessory is to be installed.
- 5) NEVER place tools on painted surfaces, seating surfaces, dash pad, console or floor carpet/mats.
- 6) Always wear appropriate personal protective equipment, including gloves, safety glasses, etc., when required.
- 7) Record radio presets prior to disconnecting battery power, if needed.
- 8) Ensure the transportation fuse is set to "ON" before starting the install.
- 9) Roll down the driver's window and adjust the power seats (if applicable) prior to disconnecting battery power, if needed.
- 10) Factory wire harness colors are subject to change. Please use the specified pin number in the harness connector to identify the correct wire for T-Tap installation. If two wires are present in the pin, it does not matter which wire the T-Tap is installed on.



Genuine Accessories

Kit Overview



| No. | Qty | Description |
|-----|-----|----------------------|
| 1 | 1 | Mirror, Auto-dimming |
| 2 | 1 | Hardware Kit |

Hardware Kit Contents

| | |
|---|---------|
| A | |
| 1 | Harness |

| | |
|---|------------|
| B | |
| 1 | Wire Cover |

| | |
|---|------------|
| C | |
| 5 | Foam Tape* |

| | |
|---|-------------------------------------|
| D | |
| 1 | A-Pillar Tether Clip 85815 C1100 |

| | |
|----|-----------|
| E | |
| 10 | Wire Tie* |

| | |
|---|-----------------------|
| F | |
| 1 | Quick Reference Guide |

| | |
|---|--------|
| G | |
| 2 | T-Tap* |

* Indicates extra components intentionally included in kit as spares.
Follow instructions for proper placement of each component.

| |
|----------------|
| Hardware Total |
| 21 |

Radio Presets - record customer preset frequencies if disconnecting battery power

| | | | | |
|------------|------------|------------|------------|------------|
| FM1 _____ | FM2 _____ | FM3 _____ | FM4 _____ | FM5 _____ |
| FM6 _____ | FM7 _____ | FM8 _____ | FM9 _____ | FM10 _____ |
| AM1 _____ | AM2 _____ | AM3 _____ | AM4 _____ | AM5 _____ |
| SAT1 _____ | SAT2 _____ | SAT3 _____ | SAT4 _____ | SAT5 _____ |



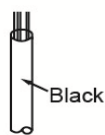
Electrical Connection Procedure

WIRE CODES

Wires are either solid color or striped wires. The first color in the description indicates the base color of the wire, the second indicates the color of the stripe (or tracer).

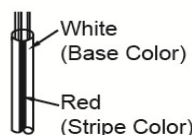
Example:

Solid Color Wire



Black wire

Striped Wire

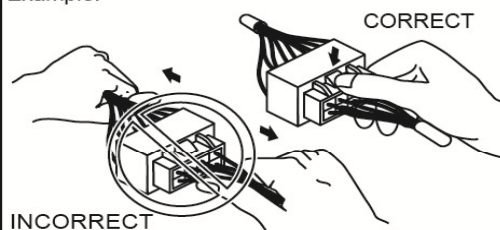


White w/ Red Tracer wire

DISCONNECTING CONNECTORS

When disconnecting the wires, grasp the connectors, not the wires.

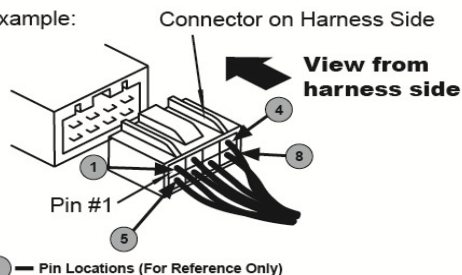
Example:



CONNECTOR DIAGRAMS

Connector diagrams show the harness side view. **The pin numbers are from the harness side view.**

Example:

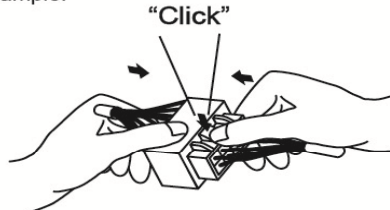


Pin Locations (For Reference Only)

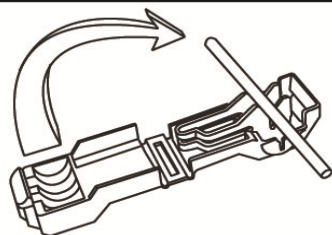
LOCKING CONNECTORS

When locking connectors, listen for a click, indicating they are securely locked.

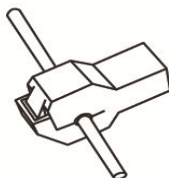
Example:



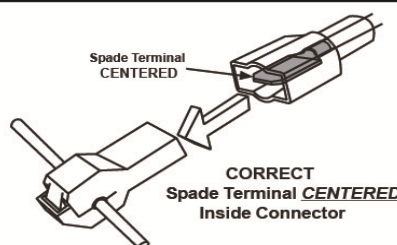
T-TAP INSTALLATION PROCEDURE



1. Place the T-Tap on vehicle wire.

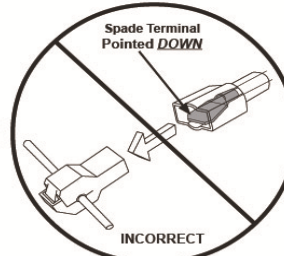
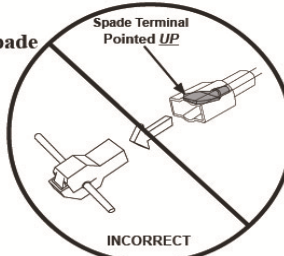


2. Using pliers, close, and crimp T-Tap around vehicle wire.


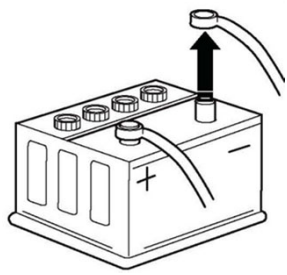





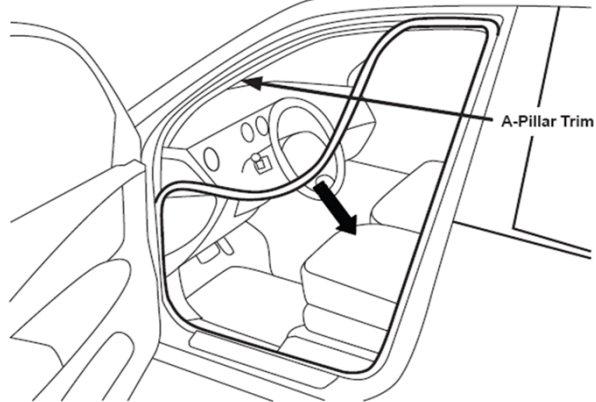

3. Insert EC Mirror Harness wire with male spade terminal end into the T-Tap.


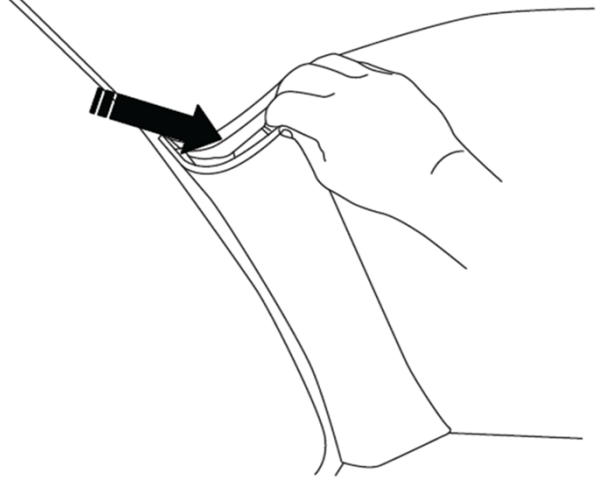
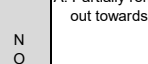

****Extreme care must be taken to ensure that the male spade terminal is inserted into the T-Tap properly.**


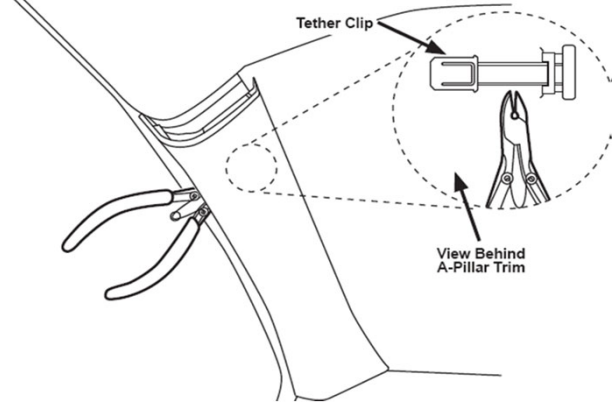
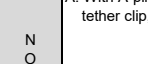



Genuine Accessories

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| 1 |  | Ratchet and 10mm Deep Well Socket |
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|  | | |
| N O T E | <p>A. Ensure the correct part is being installed. Verify the part number on the installation order with the part number on the kit box label.</p> <p>B. Write down all pre-set radio stations (if applicable).</p> <p>C. Open hood.</p> <p>D. Remove the negative (-) battery terminal cover, if applicable.</p> <p>E. Disconnect and isolate vehicle's negative (-) battery cable.</p> | |
|  WARNING: Shock Hazard! Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious injury and damage to the vehicle may occur. | | |


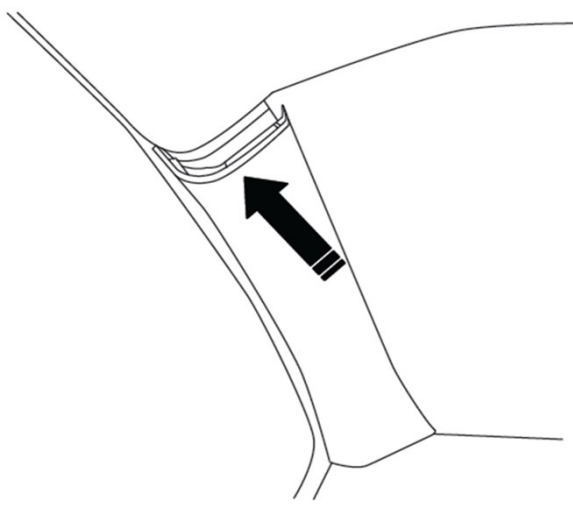
| | | |
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| 2 |  | Ratchet and 10mm Deep Well Socket |
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|  | | |
| N O T E | <p>A. Carefully dislodge the front of the driver's side door weatherstrip back to allow removal of the A-pillar trim panel</p> | |
| | | |


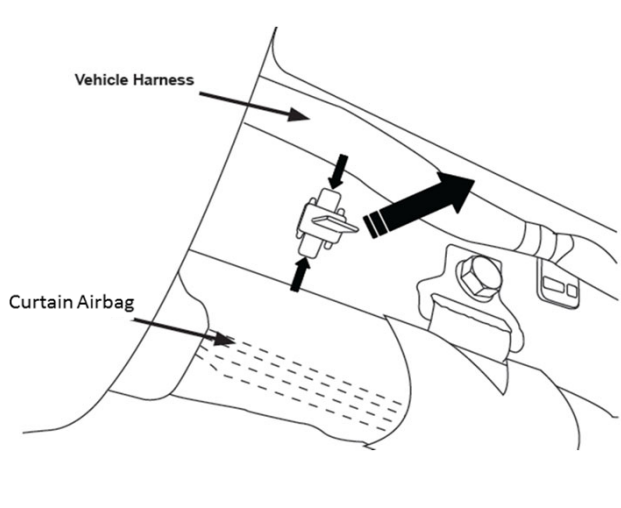
| | | |
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| 3 |  | Nylon Panel Removal Tool |
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| N O T E | <p>A. Partially remove the driver's side A-pillar trim panel by pulling the top out towards the passenger's side, until the A-pillar tether clip catches.</p> | |
|  CAUTION: Ensure care is taken to prevent damage to the A-pillar trim panel, wire harness, sunroof drain tube (if applicable), and curtain airbag components. | | |


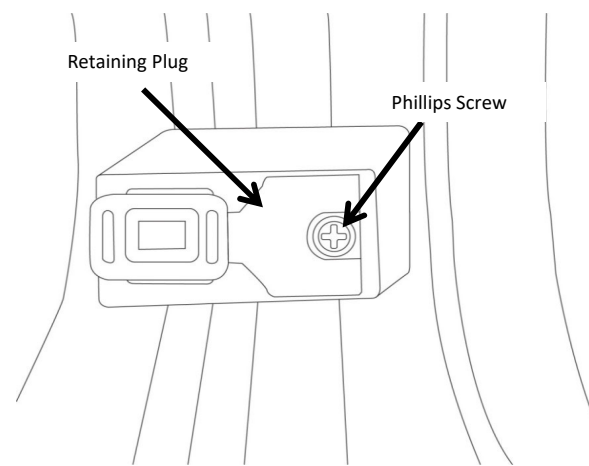
| | | |
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| 4 |  | Side Cutters |
|  | | |
|  | | |
| N O T E | <p>A. With A-pillar trim partially pulled away, reach behind trim panel and cut tether clip, as shown above.</p> | |
|  CAUTION: If needed, use a flashlight to view behind the A-pillar trim, when using the side cutters, to avoid damaging any vehicle components. DO NOT cut anything other than the A-pillar tether clip. | | |


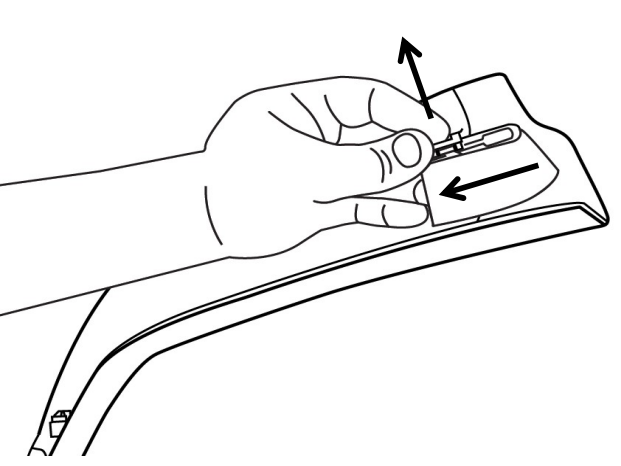



Genuine Accessories

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| 5 |  | Nylon Panel Removal Tool |
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| N O T E | <p>A. Continue removing the A-pillar trim panel by pulling the top out toward the passenger side of the vehicle, until one (1) remaining clip is released.</p> <p>- Use the Nylon Panel Removal Tool to dislodge the clip, if necessary.</p> <p>B. Remove A-pillar trim panel from vehicle.</p> | |

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| 6 |  | Pliers |
|  | | |
| N O T E | <p>A. Using pliers, pull the remaining portion of the A-pillar tether clip out of the A-pillar, and discard.</p> <p>- It may be helpful to push in the side tabs on the clip (indicated with the small arrows above), while pulling the clip out of the A-pillar.</p> | |

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| 7 |  | #2 Phillips Screwdriver |
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| N O T E | <p>A. Remove one (1) Phillips screw, shown above, from inside of A-pillar trim.</p> <p>B. Remove retaining plug.</p> | |

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| 8 |  | |
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| N O T E | <p>A. Grasp the clip, and slide toward the bottom of the A-pillar trim, then pull the remaining clip piece out of the trim panel.</p> <p>B. Discard the clip.</p> | |
|  | | <p>CAUTION: Do NOT scratch or damage the A-pillar trim panel.</p> |



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| 9 | | #2 Phillips Screwdriver |
| | | |
| N O T E | <p>A. Place a new tether clip in the A-pillar trim panel by aligning the slot on the trim panel with the tether clip.</p> <p>B. Slide the clip upward until it locks in place.</p> <p>C. Re-install the retaining plug and screw, removed in the previous steps.</p> <p>D. Store the A-pillar trim panel in a safe location for reinstallation.</p> | |
| <div style="display: flex; align-items: center;"> <p>WARNING: ALWAYS use a new tether clip when reinstalling the A-pillar trim panel. Failure to use a new clip may result in serious injury or death in the event the airbag deploys. Do not damage the A-pillar trim panel or tether clip.</p> </div> | | |


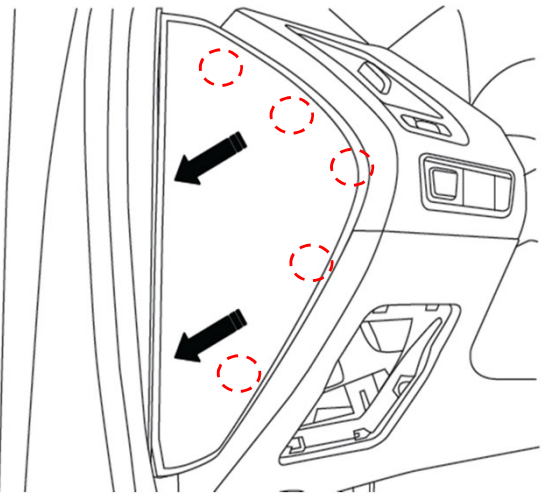

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| 10 | | T20 Torx Screwdriver |
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| N O T E | <p>A. Using a T20 Torx Driver, loosen the screw on the mirror mount.</p> <p>B. Gently pull the mirror upwards in a parallel direction to the windshield. DO NOT pull the mirror away from the windshield.</p> | |
| <div style="display: flex; align-items: center;"> <p>CAUTION: Take care to avoid damaging the mirror mount, windshield, and headliner.</p> </div> | | |


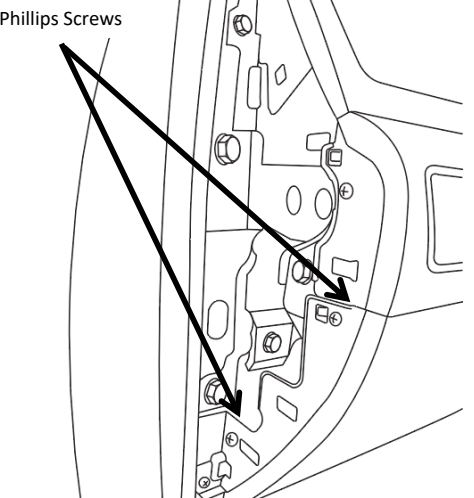

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| 11 | | #2 Phillips Screwdriver and T30 Torx Driver |
| | | |
| N O T E | <p>A. Remove Phillips or T30 Torx screw from driver side sun visor hook. Complete removal of sun visor hook is not necessary.</p> <p>B. Store the one (1) screw in a safe place for reinstallation.</p> | |
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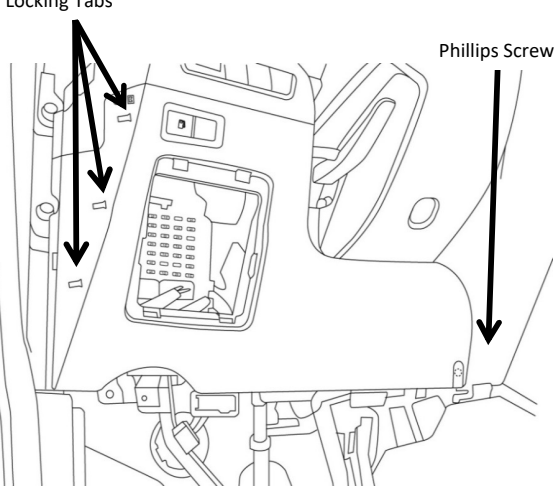

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| 12 | | |
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| N O T E | <p>A. Remove the fuse panel cover from the lower dash trim panel, and set aside in a safe location.</p> | |
| <div style="display: flex; align-items: center;"> <p>CAUTION: Do NOT scratch the Fuse Panel Cover.</p> </div> | | |


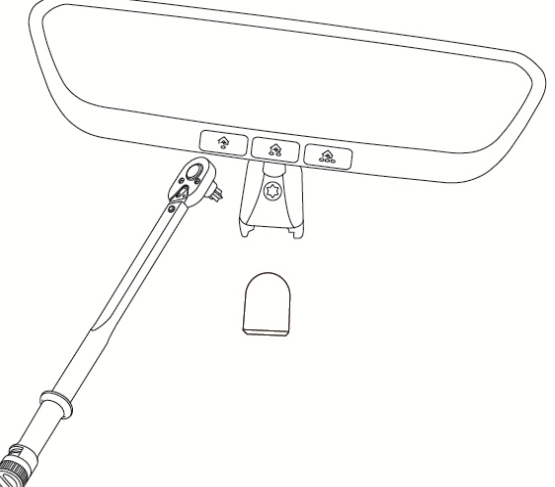



Genuine Accessories

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| 13 |  | Nylon Panel Removal Tool |
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| N O T E | <p>A. Reach through the fuse panel opening and push the dash side panel out, with a Nylon Panel Removal Tool, to dislodge the five (5) clips.</p> <p>B. Remove the Dash Side Panel and set aside in a safe place.</p> | |
|  | <p>CAUTION: Do NOT scratch the Dash Side Panel.</p> | |

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| 14 |  | #2 Philips Screwdriver |
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| N O T E | <p>A. Using a screwdriver, remove the two (2) Philips screws from the outside surface of the lower dash trim panel.</p> <p>B. Set the two (2) screws aside in a safe location for reinstallation.</p> | |
|  | <p>CAUTION: Do not scratch lower dash trim panel.</p> | |

| | | |
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| 15 |  | #2 Philips Screwdriver & Nylon Panel Removal Tool |
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| N O T E | <p>A. Remove one (1) Phillips screw from lower right corner of lower dash trim panel.</p> <p>B. Using the Nylon Panel Removal Tool, release the three (3) locking tabs on the lower dash trim panel.</p> <p>C. Starting at the upper right side of the lower dash trim panel, pull the panel outward releasing the clips, moving right to left.</p> <p>D. Disconnect the OBDII connector and any electrical connectors, if applicable, from the lower dash trim panel.</p> <p>E. Store the one (1) screw and panel in a safe location for reinstallation.</p> | |
|  | <p>CAUTION: Do not scratch the lower dash trim panel. Do not damage wires or connectors in the panel.</p> | |

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| 16 |  | T20 Torx Bit and Torque Wrench |
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| N O T E | <p>A. Slide the new mirror over the windshield button.</p> <p>B. Using a torque wrench and T20 Torx Bit, torque the T20 Torx screw to: 1.76 N-m (0.18 kgf-m, 15.6 lb-in).</p> | |
|  | <p>WARNING: Do not over-tighten the screw. Over tightening the screw will not properly secure the mirror and could cause the mirror to break loose and injure the occupants in an accident.</p> | |



Genuine Accessories

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| 17 | | | |
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| N O T E | <p>A. Plug the 10-pin connector of the provided mirror harness into the mirror and ensure it is locked in place.</p> | | |
| CAUTION: Ensure 10-pin connector is securely installed. | | | |


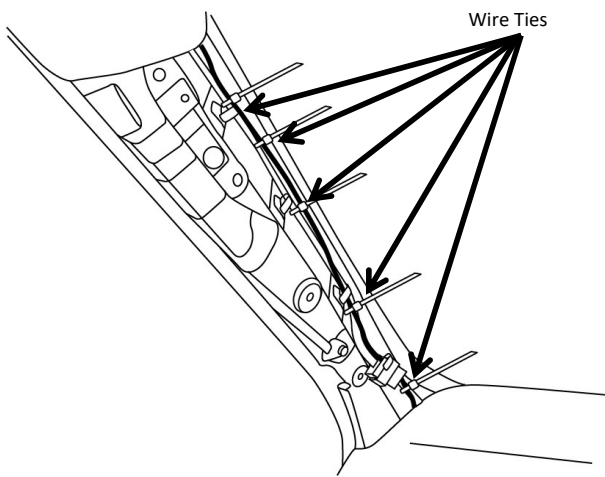

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| 18 | | Tape Measure and Nylon Panel Removal Tool | |
| | | | |
| N O T E | <p>A. Wrap one (1) piece of foam tape around the harness four (4) inches from the mirror connector. B. Using a Nylon Panel Removal Tool, begin tucking the mirror harness between the headliner and the roof. Stop after the foam-taped harness connector is hidden under the headliner.</p> | | |
| CAUTION: Use caution when working with the headliner to prevent creases or damage. Make sure hands are clean. | | | |


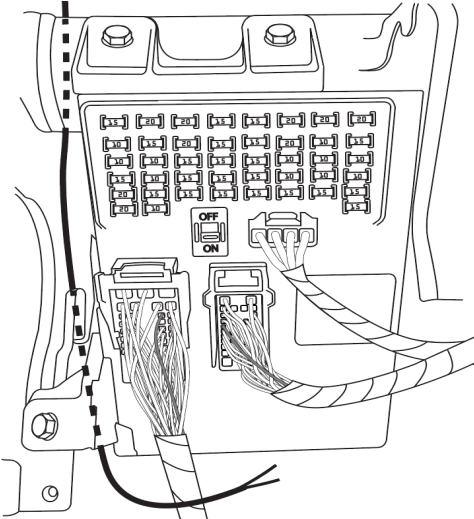

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| 19 | | | |
| | | | |
| N O T E | <p>A. Slide the provided wire cover over the mirror harness lead, and click it into the top surface of the mirror base. B. Extend the upper wire cover until it hooks onto the headliner. Ensure the cover is vertical.</p> | | |
| CAUTION: Ensure cover "forks" are properly seated into headliner. | | | |


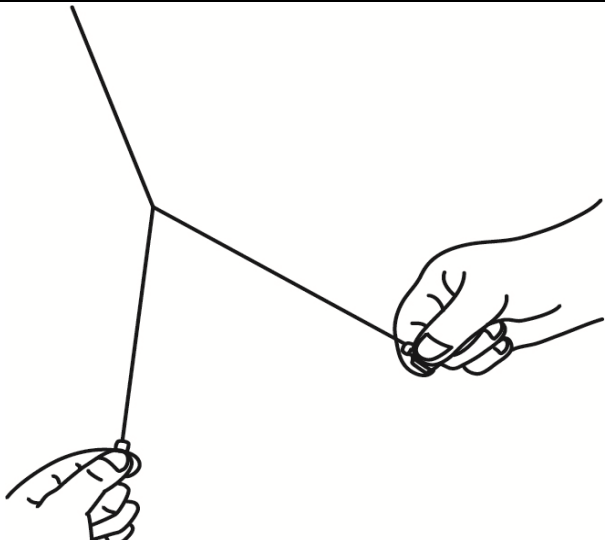

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| 20 | | Nylon Panel Removal Tool | |
| | | | |
| N O T E | <p>A. Hold the mirror harness against the headliner and wrap one (1) foam tape around the harness where it meets the corner of the A-pillar. B. Wrap one (1) foam tape on the harness between the two previously installed foam tapes. C. Tuck the harness with the wrapped foam tape into the headliner and the roof across from the mirror to the A-pillar.</p> | | |
| CAUTION: Use caution when working with the headliner to prevent creases or damage. Make sure hands are clean. | | | |


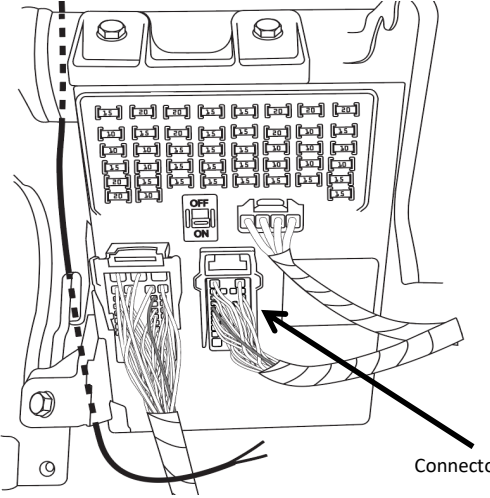


Genuine Accessories

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|---|---|--------------|
| 21 |  | Side Cutters |
|  | | |
| N O T E | <p>A. Route mirror harness down the A-pillar into the dash, toward engine side of fuse panel.</p> <p>NOTE: Ensure wire harness is routed away from the curtain airbag and sunroof drain tube, if applicable.</p> <p>B. Secure mirror harness near the vehicle harness clips, and above the electrical connector at the bottom of the A-pillar, with five (5) wire ties.</p> <p>C. Trim the excess wire tie length.</p> | |
|  | <p>CAUTION: DO NOT secure to airbag inflator. DO NOT secure to sunroof drain tube, if equipped.</p> | |

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| 22 |  | |
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| N O T E | <p>A. Route mirror harness through dash, on the engine-side of the junction block.</p> <p>B. Route mirror harness behind the left side of the junction block, as shown above, pulling the two (2) terminals toward the driver's seat.</p> | |
|  | <p>CAUTION: Ensure harness does not catch on vehicle component, or is damaged during the routing.</p> | |

| | | |
|---|--|--------------|
| 23 |  | Tape Measure |
|  | | |
| N O T E | <p>A. Pull mirror harness wires apart approximately 300mm (12in), as shown.</p> | |
|  | <p>CAUTION: DO NOT use a razor blade or any other sharp tool to separate the wires. Ensure wire is not damaged during separation.</p> | |

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| 24 |  | |
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| N O T E | <p>A. Locate Connector D (38-Pin connector) on the front side of the junction block (furthest side from the engine).</p> | |
| | | |



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| 25 | | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>For Reference:</p> </div> <div style="width: 45%; text-align: center;"> <p>Wire Side View</p> </div> </div> | | | |
| <div style="display: flex;"> <div style="width: 5%; text-align: center; font-size: 0.8em;">N O T E</div> <div style="width: 95%; padding: 5px;"> <p>A. Locate Pin #32 (GREEN w/ ORANGE wire) in Connector D.</p> </div> </div> | | | |
| <div style="display: flex; justify-content: center; font-size: 0.8em;"> <div style="width: 40%; border-right: 1px solid black; padding-right: 5px;">CAUTION: Ensure the correct wire is identified.</div> <div style="width: 60%; padding-left: 5px;">NOTE: Factory wire colors are subject to change at any time. Refer to the pin number to correctly identify the circuit.</div> </div> | | | |

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|---|--|--------|--|
| 26 | | Pliers | |
| | | | |
| <div style="display: flex;"> <div style="width: 5%; text-align: center; font-size: 0.8em;">N O T E</div> <div style="width: 95%; padding: 5px;"> <p>A. Attach one (1) T-Tap to the wire at Pin #32 (GREEN w/ ORANGE wire). Use Pliers to snap the T-tap together. - Refer to the Electrical Connection Procedure at the beginning of the instructions for more details.</p> </div> </div> | | | |
| <div style="display: flex; justify-content: center; font-size: 0.8em;"> <div style="width: 40%; border-right: 1px solid black; padding-right: 5px;">CAUTION: Ensure that the wire is in the slot of the T-Tap, and that both halves of the T-Tap are snapped together properly.</div> <div style="width: 60%; padding-left: 5px;"></div> </div> | | | |

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| 27 | | | |
| | | | |
| <div style="display: flex;"> <div style="width: 5%; text-align: center; font-size: 0.8em;">N O T E</div> <div style="width: 95%; padding: 5px;"> <p>A. Insert male spade terminal of the mirror harness (Black w/ Red wire) into the T-Tap connector (GREEN w/ ORANGE wire), for switched ignition power. - Refer to the Electrical Connection Procedure at the beginning of the instructions for more details.</p> </div> </div> | | | |
| <div style="display: flex; justify-content: center; font-size: 0.8em;"> <div style="width: 40%; border-right: 1px solid black; padding-right: 5px;">CAUTION: Ensure the male spade connector is fully inserted into the T-Tap. Check that the spade did not "miss" the female slot. Check that the male spade is not visible on either side of the female connector.</div> <div style="width: 60%; padding-left: 5px;"></div> </div> | | | |

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| 28 | | 12mm Socket & Ratchet | |
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| <div style="display: flex;"> <div style="width: 5%; text-align: center; font-size: 0.8em;">N O T E</div> <div style="width: 95%; padding: 5px;"> <p>A. Locate the 12mm dash bolt, on the dash just above the drivers side door hinge. B. Remove the 12mm dash bolt.</p> </div> </div> | | | |
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Genuine Accessories

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| 29 | | 12mm Socket, Torque Wrench, & Side Cutters |
| | | |
| N O T E | <p>A. Route ground wire with ring behind plastic dash pieces as shown above.</p> <p>B. Place the ground wire ring of the mirror harness onto the dash bolt as shown.</p> <p>C. Secure the dash bolt, and torque to: 16.7 ~ 21.6 N.m (1.7 ~ 2.2 kgf.m, 12.3 ~ 15.9 lb-ft).</p> <p>D. Secure ground wire to plastic dash support with one (1) wire tie as shown.</p> <p>E. Trim excess wire tie material.</p> | |
| <div style="display: flex; align-items: center;"> <p>CAUTION: Ensure the dash bolt is secure.</p> </div> | | |

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| 30 | | Side Cutters |
| | | |
| N O T E | <p>A. Take up any excess harness slack and secure to vehicle harness with two (2) wire ties, as shown.</p> <p>B. Trim excess wire tie length.</p> | |
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| 31 | | Ratchet, 10mm Deep Well Socket and Torque Wrench |
| | | |
| N O T E | <p>Function Check Preparation:</p> <p>A. Reconnect the negative battery cable, and torque to: 5.0 ~ 6.0 N.m (0.50 ~ 0.60 kgf.m, 45 ~ 52 lb-in).</p> <p>B. Reinstall the negative (-) battery terminal cover, if applicable.</p> | |
| <div style="display: flex; align-items: center;"> <p>WARNING: Shock Hazard! Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious injury and damage to the vehicle may occur.</p> </div> | | |

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| 32 | | |
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| N O T E | <p>A. Cover the forward-facing photocell with a dark cloth or towel.</p> <p>B. Turn the ignition to "ON".</p> <p>C. With the dark cloth in place and the power on, the mirror will darken.</p> <p>D. Remove the dark cloth and the mirror will return to normal.</p> | |
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Genuine Accessories

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| 33 | | | |
| <p style="text-align: center;">Compass Display</p> | | | |
| N O T E | <p>A. Verify that a direction (such as "NE" or "C") is displayed in the display window.</p> | | |

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|---|---|--|--|
| 34 | | | |
| <p style="text-align: center;">HomeLink Indicator</p> | | | |
| N O T E | <p>A. Ensure that the ignition is still "ON"</p> <p>B. Press each HomeLink button, one-at-a-time, and verify that the LED indicator illuminates from behind the glass. Press the HomeLink button a second time to turn off the feature.</p> | | |

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| 35 | | | |
| <p style="text-align: center;">Receiving Hole</p> <p style="text-align: center;">NEW Tether Clip Installed</p> | | | |
| N O T E | <p>A. Ensure a new tether clip has been inserted into the A-pillar trim panel.</p> <p>B. Insert the A-pillar trim panel lower surface into the mating surface on the top of the dash panel.</p> <p>C. Move the panel closer to the A-pillar, aligning the clips with their corresponding holes. Carefully snap the panel into place.</p> <p>D. Reinstall the lower dash panel (ensuring the OBDII and any electrical connectors, if applicable, are reconnected), side dash panel, fuse panel cover, sun visor hook screw, overhead console screws and door weatherstrip.</p> | | |
| | <p>WARNING: Always use a new tether clip when re-installing the A-pillar trim panel. Failure to use a new clip may result in serious injury or death in the event the airbag deploys. Do not damage the A-pillar trim panel or tether clips.</p> | | |

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| 36 | | | |
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| N O T E | <p>A. Place the provided Quick Reference Guide in the glove box.</p> <p>B. Clean fingerprints, smudges, etc. from mirror and windshield.</p> | | |
| | <p>CAUTION: DO NOT spray glass cleaner or other cleaning liquid directly on the mirror as it may damage the electronics.</p> | | |



Genuine Accessories











| | | |
|---|---|-------------|
| A | | Dealer Only |
| <p>COMPASS CALIBRATION</p> <div style="text-align: center; margin: 20px 0;"> <p>Compass Button (underside of Mirror)</p> </div> | | |
| N O T E | <p>A. If the compass displays "C", it will need to be calibrated.</p> <p>B. To calibrate, drive the vehicle in up to three (3) complete circles, at less than 5mph.</p> | |
| | | |

| | | |
|---|---|-------------|
| B | | Dealer Only |
| <p>COMPASS CALIBRATION</p> <div style="text-align: center; margin: 20px 0;"> </div> | | |
| N O T E | <p>A. Identify your approximate compass region on the above map.</p> <p>B. Using a paper clip, press and hold the compass button for more than 6 seconds and the current compass region code will display.</p> <p>C. Press the compass button until your desired compass region is displayed. Release the button and the correct compass direction will appear.</p> | |
| | | |










Genuine Accessories

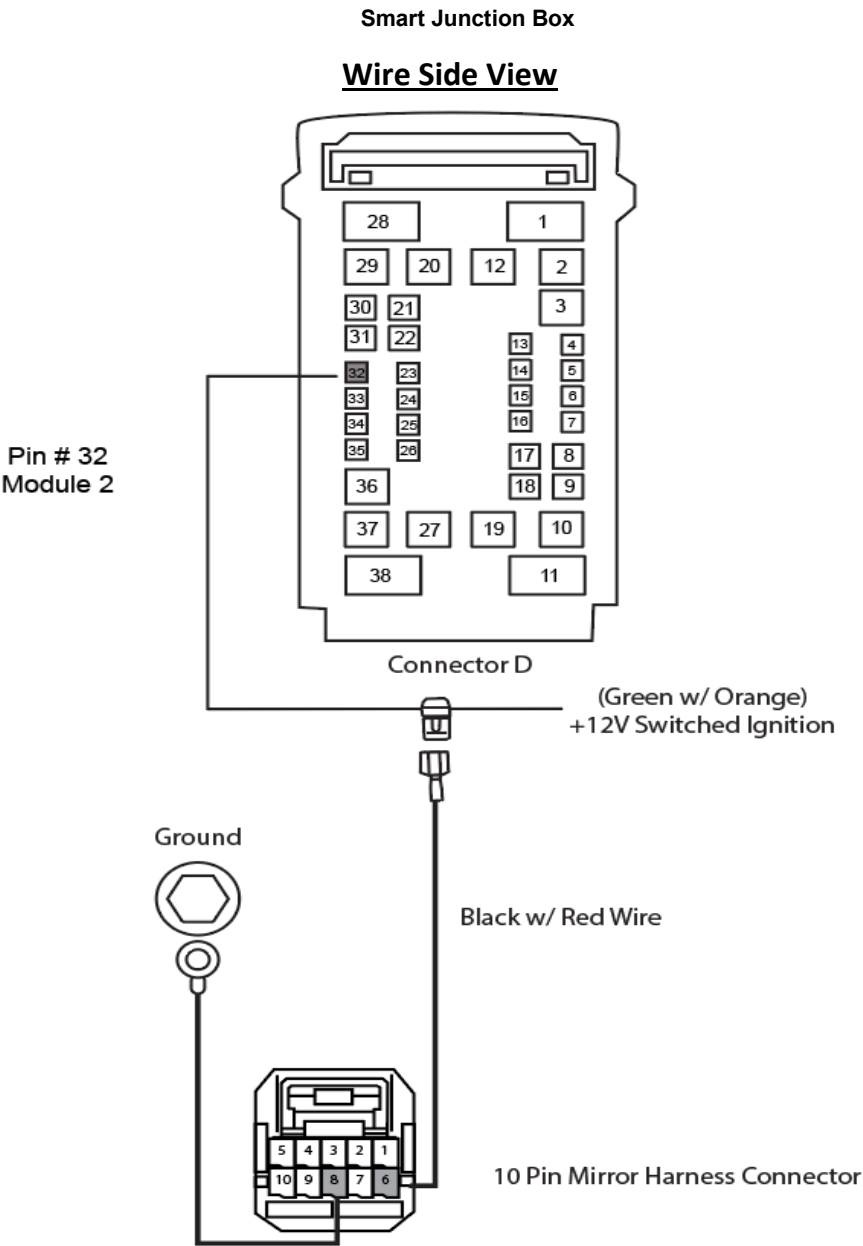
Visual Check

| Item to be Checked | | Result | |
|---|--|--|--|
|  | Negative battery terminal re-tightened and reinstalled terminal cover, if applicable | Battery cable is correctly fastened to the negative terminal. Nut is properly torqued. Battery terminal cover, if applicable, has been reinstalled. | |
|  | Mirror Torx screw replaced and re-tightened | Screw is tightened and properly torqued. | |
|  | Mirror Harness | Mirror harness connectors are properly connected. T-Tap spade connector is properly seated. Harness is tucked into the headliner without causing a bulge or interference. | |
|  | Sun visor hook | Hook is properly secured in place, and screw is tightened. | |
|  | A-pillar trim panel | Panel is securely in place. Ensure A-pillar tether clip is properly installed and seated in the A-pillar correctly. | |
|  | Dash bolt | Dash bolt is tightened and properly torqued for harness ground. | |
|  | Lower dash trim panel | Panel is securely in place. All connectors attached are properly re-connected. | |
|  | Side dash trim panel | Panel is securely in place. | |
|  | Fuse panel access cover | Panel is securely in place. | |
|  | Door weatherstrip | Weatherstrip is properly reinstalled, and not wrinkled. | |

Troubleshooting

| Issue / Concern | | Items to be Checked | |
|---|---|--|--|
|  | Mirror does not power up | Confirm ground circuit connector is properly attached and locked in place. -Check that mirror harness is properly connected at mirror. -Check that GND ring terminal is seated solidly against vehicle body at dash bolt. -Check that wire is not damaged. | |
|  | ↑ | Confirm ignition-switched power circuit is properly connected. Circuit should NOT have power with ignition in "OFF", but should have 12V power when ignition is switched to "ON". -Check that mirror harness is properly connected at mirror. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted in T-Tap. -Check that wire is not damaged. | |
|  | Homelink does not work (House indicator does not illuminate) | -Check that the vehicle ignition is in the ON position. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted in T-Tap. -Check that GND ring terminal is seated solidly against vehicle body at dash bolt. -Check vehicle Module 2, 10 amp fuse | |
|  | Homelink does not work (House indicator does not illuminate) | -Replace the mirror. | |
|  | Compass does not illuminate | -Check that the vehicle ignition is in the ON position. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted in T-Tap. -Check that GND ring terminal is seated solidly against vehicle body at dash bolt. -Check vehicle Module 2, 10 amp fuse | |
|  | Auto-dimming function does not work properly | -Check that the vehicle ignition is in the ON position. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted in T-Tap. -Check that GND ring terminal is seated solidly against vehicle body at dash bolt. -Check Module 2 fuse. | |
|  | Auto-dimming function does not work properly | -Replace the mirror. | |





| No | Gauge | Color | Function | Circuit | Fuse |
|----|-------|------------|---------------------|-------------|-------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | 22 | BLK w/ RED | IG (switched power) | Power Dist. | Module 2 (10 amp) |
| 7 | | | | | |
| 8 | 22 | BLK | GND | | |
| 9 | | | | | |
| 10 | | | | | |

