

2015-2017 Front Fascia Kit

Installation Instructions

P/N: 421843 • 421844 • 421845 • 421846
421847 • 421848 • 421849 • 421850
421851 • 421852 • 421853



39555 Schoolcraft Rd, Plymouth MI, 48170 | 800.59.ROUSH

2015-2017 Front Fascia Kit

Installation Instructions

P/N: 421843 (R1315-17C830) - Primed
421844 (R1315-17C830CY) - Competition Orange
421845 (R1315-17C830H3) - Triple Yellow
421846 (R1315-17C830HN) - Guard Green
421847 (R1315-17C830J4) - Deep Impact Blue
421848 (R1315-17C830J7) - Magnetic
421849 (R1315-17C830PQ) - Race Red
421850 (R1315-17C830RR) - Ruby Red
421851 (R1315-17C830UA) - Black
421852 (R1315-17C830UX) - Ingot Silver
421853 (R1315-17C830YZ) - Oxford White



Application: 2015-2017 Ford Mustang

Important Note:

Before installing the ROUSH Performance Product, please read through the installation procedure and verify that all items are present. If you are missing hardware or have any questions, please contact ROUSH Performance at 1-800-59-ROUSH, 9:00 AM to 5:00 PM EST.

- Not recommended for vehicles equipped with adaptive cruise control option.

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PACKING LIST FOR 2015-2017 FRONT FASCIA KIT

Description	Part Number	Quantity
Front Fascia	1315-17C831	1
LH Corner Pocket	1315-17B969	1
RH Corner Pocket	1315-17B968	1
LH Corner Duct	1315-17B971	1
RH Corner Duct	1315-17B970	1
Upper Grille	1315-8202	1
Lower Grille	1315-17K945	1
Impact Attenuator Bracket	1315-17E898	2
Screw – M5 x 19	W715060-S439	12
Screw – M5 x 16	W507043-S437	20
Lower Grille Tape – Top Edge	TAPE-015-12.5x970	1
Lower Grille Tape – Bottom Edge	TAPE-015-12.5x25	5
Foglight Jumper Harness	1315-15A211	2
J-Clip – M4.2	W704823-S439	33
Screw – M4.2 – 1.41 x 20	12742	15
Push Clips	20860	25
Front Splitter	1315-17F775	1
Front Splitter Adapter Kit (GT Perf. Pkg Only)	1315-17F771	1
Front Splitter Closeout	1310R17C831IM	1
J-Clip – M4.2 (Closeout)	W704823-S439	7
Screw – M4.2 x 19 (Front Splitter)	W715060-S439	6
Screw – M4.2 x 16 (closeout)	12741	12
ROUSH Front Fascia Install Manual	1315-17C830IM	1

EQUIPMENT AND SUPPLIES REQUIRED

- Philips Screwdriver
- Flat-head Screwdriver
- Push-pin Removal tool – Forked prybar
- Ratchet and Extension – 1/4" drive
- 5.5 mm Socket – 1/4" drive
- 7 mm Socket – 1/4" drive
- 8 mm Socket – 1/4" drive
- 10 mm Socket – 1/4" drive
- Pliers
- Wire Stripping Tool
- 1/4" Drill Bit
- Wiring De-pinning tool (Pick Tool)
- Hole Saw (OEM Options Dependent – Parking Sensors)
- Soldering equipment (optional)

REQUIRED MATERIALS FOR PAINTING FASCIA

- Dupont® 2319 Plastic Prep
- Dupont® 2330S or equivalent Adhesion Promoter (for paint)
- Sand Paper
- Painter's Tack Cloth

If you are missing any items, please call us toll free at 1-800-59-ROUSH.

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY PRECAUTIONS



CAREFULLY READ THE IMPORTANT SAFETY PRECAUTIONS and WARNINGS BEFORE PROCEEDING WITH THE INSTALLATION!

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the installation.

- Always wear safety glasses for eye protection.
- Place ignition switch in the OFF position.
- Always apply the parking brake when working on a vehicle.
- Block the front and rear tire surface to prevent unexpected vehicle movement.
- If working with a lift, always consult vehicle manual for correct lifting specifications.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around the fuel system.
- Use chemicals and cleaners in well-ventilated areas.
- Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
- Keeps hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
- Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!

Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

PAINTED PART PREPARATION



Unpainted/primed parts purchased from ROUSH require further preparation prior to being painted. Removal of any excess plastic flashing and sanding of the primed parts is required prior to paint application. The primed parts as received should not be painted without further surface preparation.

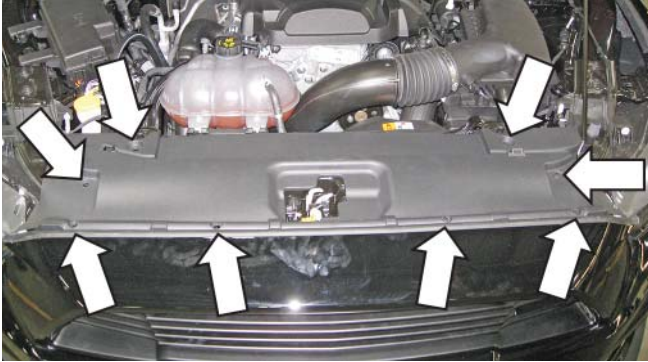
PAINT PREPARATION

(Pre-painted parts, skip this section)

1. Using sand paper, remove any plastic flash from the part as required.
2. Wipe each part to be painted with plastic prep (Dupont® 2319 or equivalent).
3. Wipe the entire part to be painted with tack cloth.
4. Apply adhesion promoter (Dupont® 2330S or equivalent) prior to color and clear coat applications. This part is made of TPO (Thermoplastic polyolefin) and requires a promoter for paint adhesion.

STOCK FASCIA REMOVAL

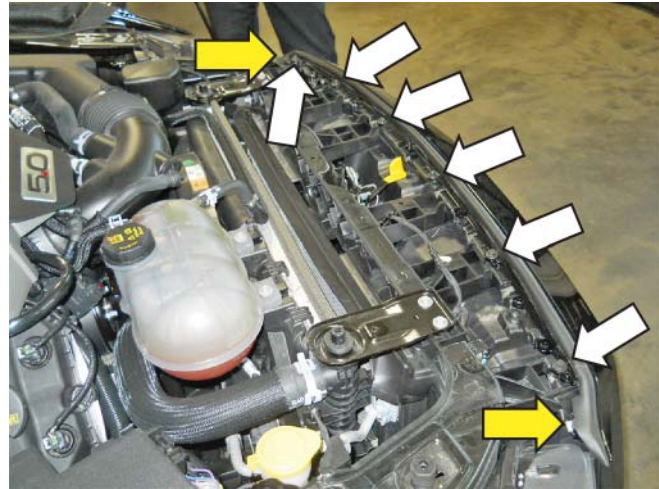
1. Open the vehicle hood and remove eight (8) push-pin retainers and the black plastic closeout panel covering the radiator as shown. Set all parts aside for reinstallation.



NOTE: The push pins are a two (2) part push pin. Remove the center button first to release the barbs and then remove the push-pin body.



2. Remove the fasteners on the top of the front fascia. There are six (6) 8 mm screws running across the front, as well as two (2) 4.5 mm screws, one at each side of the fascia near the headlamp. **SAVE THESE FASTENERS!**



3. Remove the front wheel fender liners by removing the three (3) push pins that hold the liner in place. They run along the edge where the fender liner meets the fender panel. **SAVE FASTENERS FOR REINSTALLATION!**



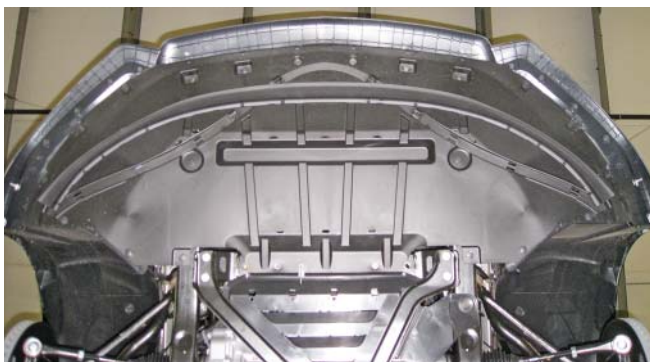
- Once the fender liners have been removed, you will have access to the two (2) 7 mm fasteners, one on each side of the vehicle, that hold the fascia in place where it meets the fender. Remove these fasteners. They are highlighted below. **SAVE FASTENERS FOR REINSTALLATION!**



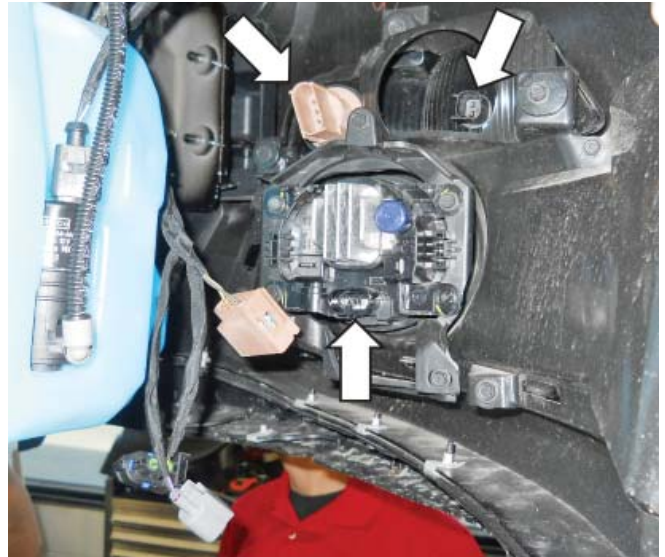
- For V8 (GT Performance Package) equipped vehicles only, remove the bottom aero panel by removing the ten (10) M4.2 screws. Their locations are shown below.



- For non-performance package equipped vehicles (V8/V6/I4), remove the twelve (12) M4.2 screws along the front edge, as well as the four (4) M4.2 screws near the center recesses of panel.



- With the underbody aero panel removed, disconnect the electrical connectors for the fog lights as well as the turn signals.



- Remove the fascia by firmly pulling the corner away from the vehicle, then disengage the clips holding it in place.



9. Pull the fascia forward and lift it off the plastic dowel pins located along the top (where the screws were removed in step 2).



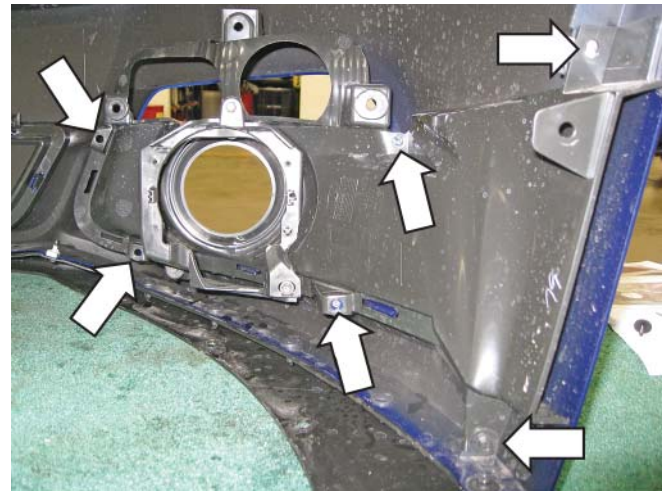
This completes the OEM fascia removal process.

OEM FASCIA DISASSEMBLY

1. Remove the three (3) 7 mm screws holding the fog light into the assembly and remove the fog light. **SAVE HARDWARE FOR REINSTALLATION!**



2. Remove the six (6) 7 mm screws that fasten the pocket trim panel to the fascia. Remove the trim panel from the fascia. **SAVE HARDWARE FOR REINSTALLATION!**



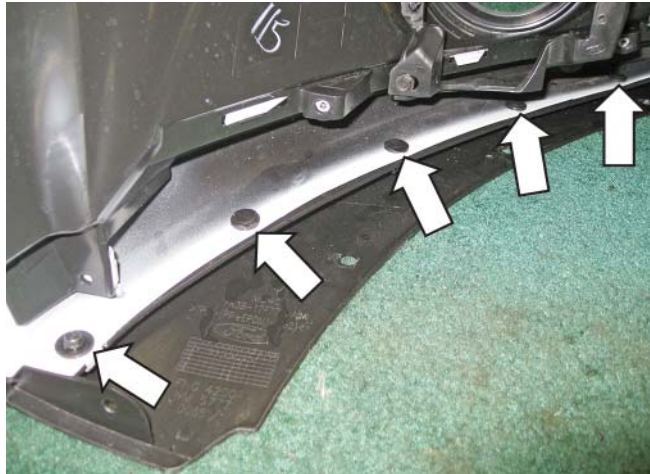
3. Remove the turn signal lens from the trim piece by removing the three (3) 7 mm screws that fasten them together. **SAVE HARDWARE FOR REINSTALLATION!**



4. Remove the eight (8) 7 mm screws that fasten to the fascia. **KEEP ALL HARDWARE FOR REINSTALLATION (including J-clips)!**



- Remove the eight (8) push pins retaining the splitter to the fascia, as well as the two (2) corner screws. **SAVE ALL HARDWARE FOR REINSTALLATION!**

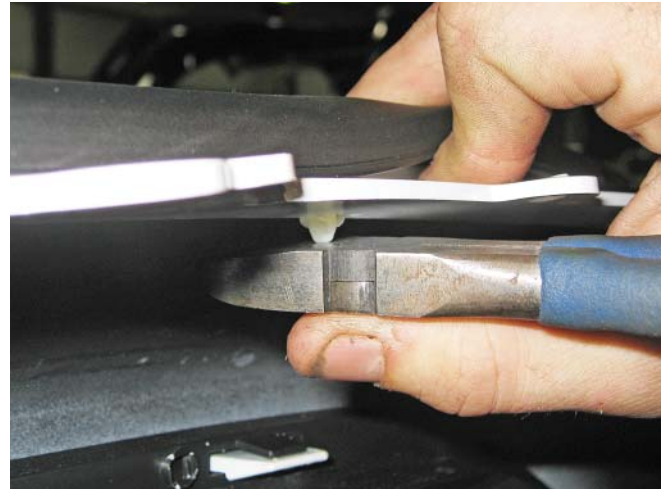


- Remove the impact attenuator by bending up on the retaining clips while simultaneously pulling the attenuator away from the fascia. **SAVE THE IMPACT ATTENUATOR FOR REINSTALLATION!**



Close up of the retaining clip engagement

- Remove the weatherstrip from the top of the fascia by pushing up from the bottom of the retaining clips.



This concludes the OEM fascia disassembly. Please keep all hardware (screws, J-clips and push pins) for re-use in the new ROUSH fascia.

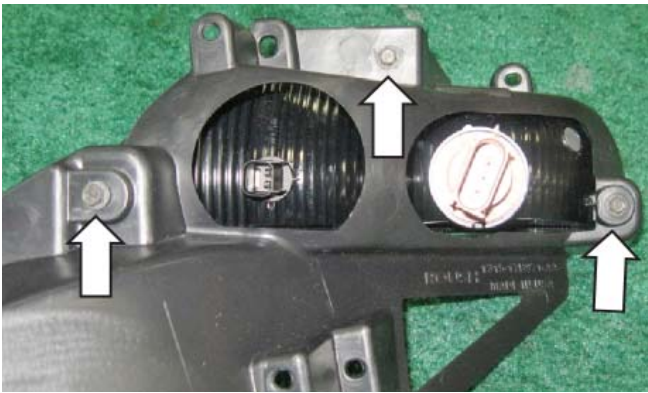


OEM disassembly hardware to be re-used (without push pins)

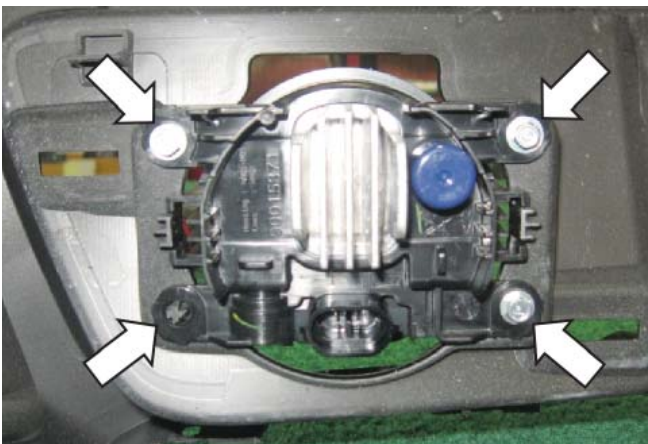
ROUSH FASCIA ASSEMBLY

- Insert the signal lens assembly into the appropriate (LH/RH) ROUSH bracket. Using three (3) self-tapping take-off screws (M5x16), fasten the signal assembly to the ROUSH bracket using a 7 mm socket. Repeat the same procedure for opposite side lens.



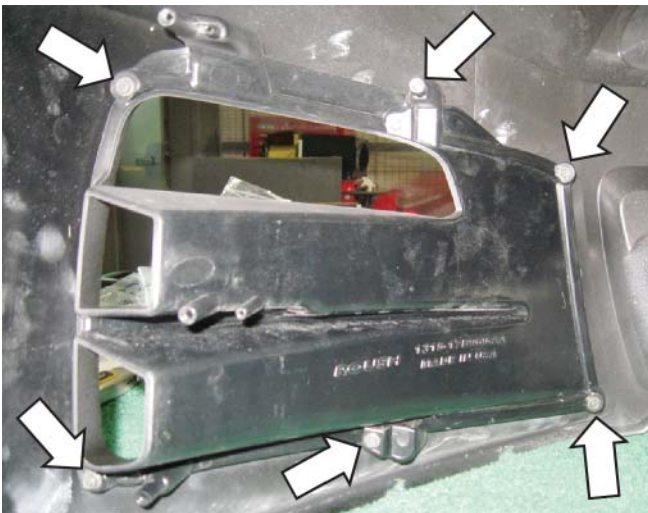


2. Using a 7 mm socket, install the fog lamp using three (3) supplied M5 screws. Repeat the same procedure for the opposite side fog lamp.



NOTE: The fog lamp locator pins must be on the bottom-outboard corners.

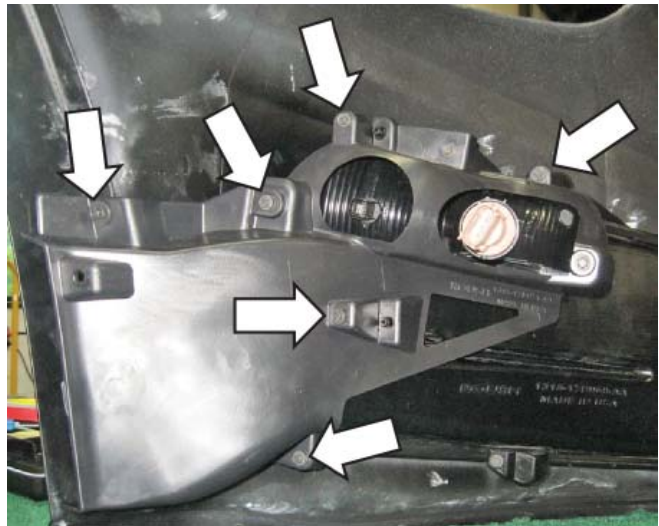
3. Install the left fill panel to the ROUSH fascia using six (6) take-off self-tapping M5x16 screws. Repeat the same procedure for the opposite side fill panel.



4. Install two (2) M5 J-clips to the outer sides of the fascia, one per side. Only install the clip.



5. Using the six (6) self-tapping M5x16 fasteners with a 7 mm socket, install the signal assembly with bracket to the fill panel.



6. Install six (6) push clips onto the upper grille tabs. Three (3) are installed per side.

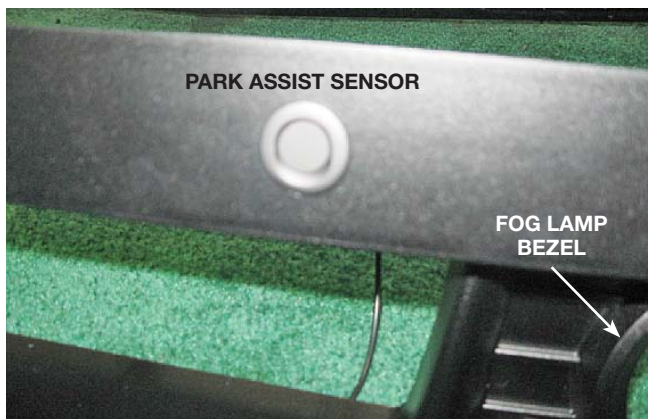


Left (driver) side shown

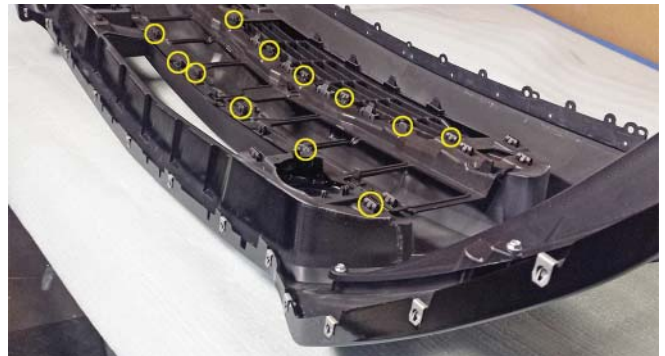
7. Install the upper grille to the ROUSH fascia by inserting the clips that were previously removed to their respective holes in the ROUSH fascia. Make sure that the guides (shown below) are fed into their respective slots as on the fascia as well.



8. Install the park assist sensors. If the fascia is not equipped with park assist sensors, go to step 11.



9. Lay the fascia down so you can remove the 12 push clips that hold the impact attenuator into the fascia. Remove the attenuator so you can access the drill points.



10. Drill an 18.8 mm (3/4") hole in the marked area on the top side of the lower grille. Start from the rear with a pilot hole and then drill from the front. Once the holes are in place push the sensors thru the fascia. The arrow on the sensor faces upwards.



11. Push four (4) clips (20860) onto the lower grille, two (2) per side.

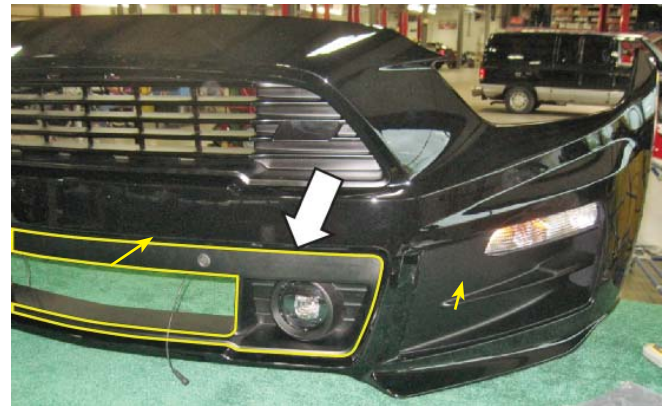


Right (passenger) side shown

12. Apply EX4015 tape across the top of the lower grille as shown below. Apply strips of tape to the five (5) marks on the fascia as shown.



13. Peel the backing off of the tape and press the lower grille into place, seating the four (4) clips that retain the lower grille to the ROUSH fascia.



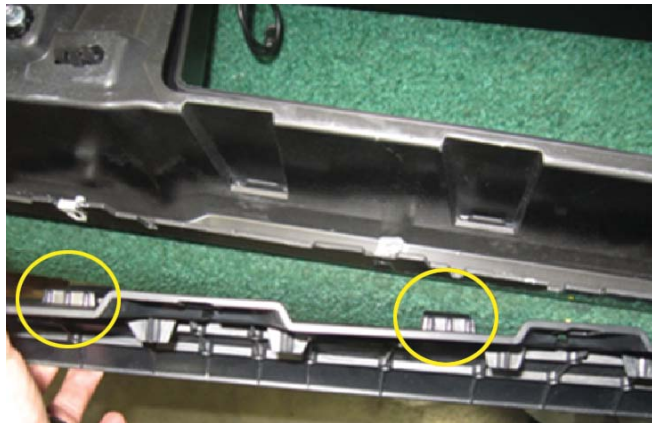
14. Use fifteen (15) short J-clips along the bottom of the fascia, starting at the third position from the outside, leaving the last two (2) holes free at each end.



15. Install the front splitter to the fascia with fifteen (15) M4.2 screws through the previously installed J-clips. Then install the sixteen (16) J-clips onto the splitter, as shown below.

NOTE: For non-V8 GT performance pack-equipped vehicles, go to step 16.





Be sure to engage the tabs on the top side of the splitter to the fascia



Close up of the outer two (2) J-clips installed (right/passenger side shown). Notice how they are installed in the opposite orientation from the rest (upside down)

16. For GT performance package-equipped vehicles only, the lower splitter assembly includes a spacer that fits between the splitter and the underbody aero panel. Install six (6) J-clips to this spacer, and fasten to the six (6) J-clips on the splitter.



17. Push two (2) push clips (20860) onto the fascia tabs as shown below. Repeat the same procedure for the opposite side as shown below.

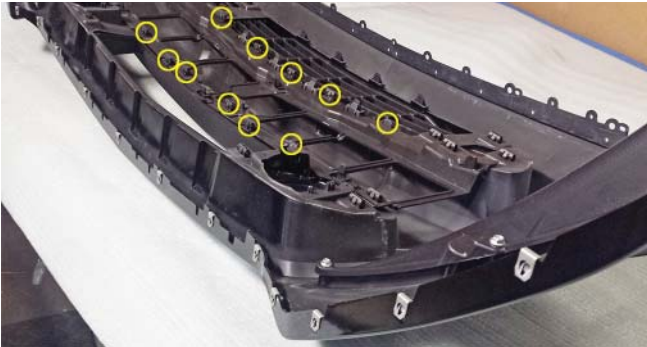


18. Line up and clip the impact attenuator bracket (1315-17E898) into position as shown below and press the impact attenuator onto the four (4) clips.

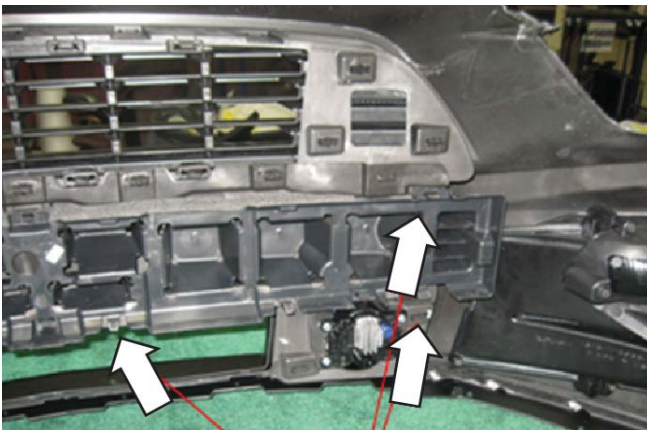


One side (2 clips) shown

19. Push twelve (12) push clips (20860) onto the twelve (12) tabs that protrude through the energy absorber bracket.



20. Push the energy absorber into the energy absorber bracket. Make sure that the arrow is pointing up. Snap into position onto both the metal clips and the fascia tab as shown below.



Fascia tabs highlighted

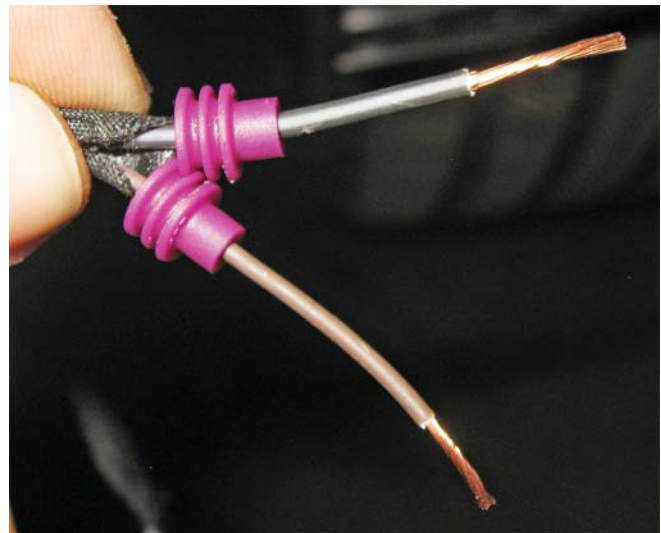
This concludes the ROUSH fascia assembly section.

FOG LAMP WIRING EXTENSION PROCEDURE

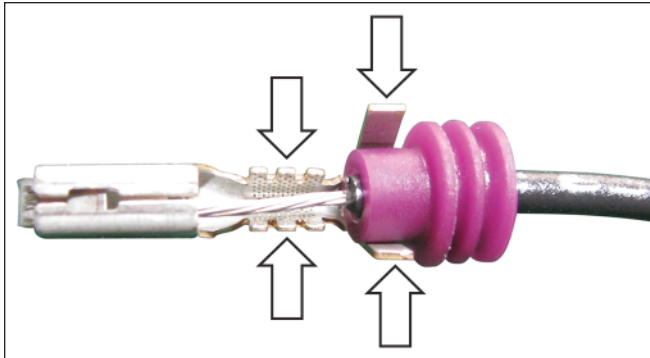
1. Begin by cutting the leads to the original connectors just before the connector. Make note of which wire belongs to which terminal (black/ground to B/2 terminal). Do this to both left and right sides and remove about two (2) inches of the tape covering the wires.



2. Slide the purple rubber seals over the insulation (ribbed end away from cut wire end) and then strip approximately 1/2" of insulation off the end of each wire using a pair of wire strippers in the 18-AWG setting.

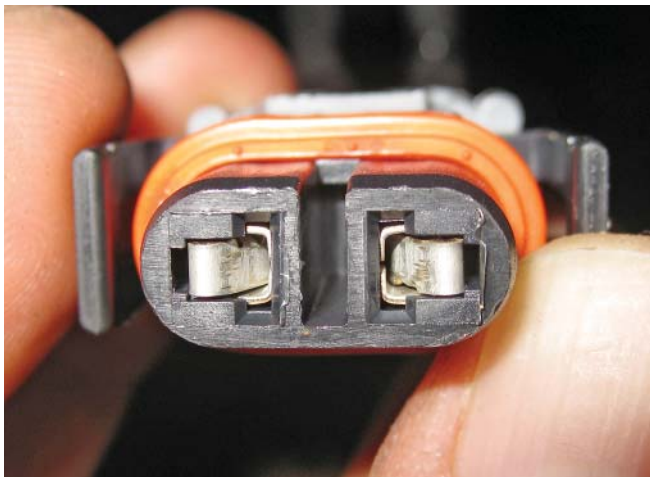


- Slide the rubber seal to be flush with the end of the insulation and place it into the new terminal. Crimp the terminal onto the seal and then onto the wire.

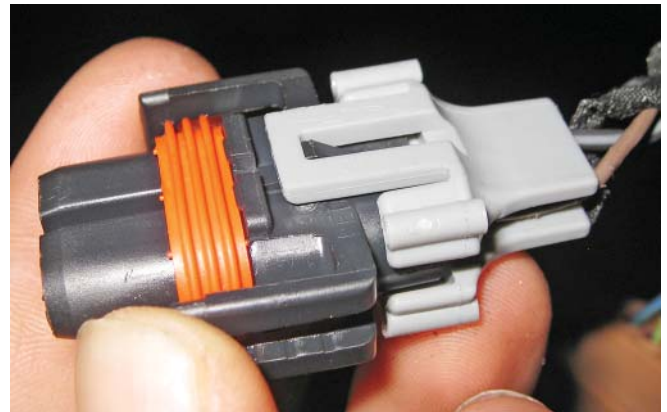


ROUSH recommends soldering the terminal to the wire for improved conductivity and robustness – however this step may be skipped, if so desired, while maintaining functionality.

- Insert the new terminals into the new connectors, being sure to seat them in the right position as well as the correct orientation as shown below. The terminals will click when correctly seated.



- Split the wires apart in order to fit the locking retainer onto the back of the new connector.



- Connect the extension harness to the newly crafted connector.

This concludes the fog lamp wiring extension harness section.

ROUSH FRONT FASCIA INSTALLATION

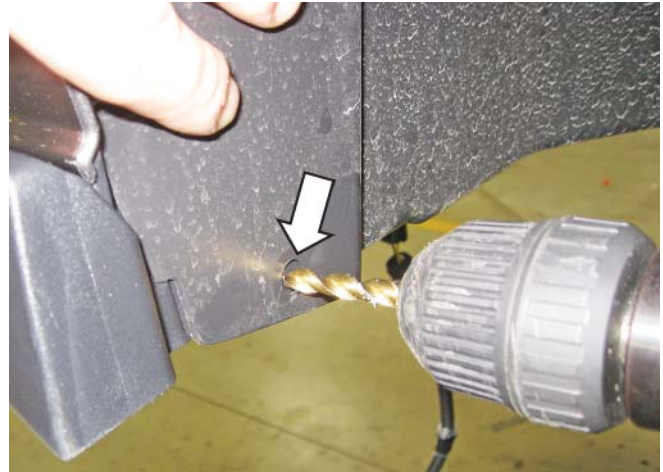
- Install the ROUSH front fascia. Hook the upper fascia mounts onto the five (5) dowel pins by the front of the inner bumper. The fascia should hang comfortably from the dowel pins.



- Clip the corners of the front fascia into the body, pressing with your hands to seat all the clips. Do not hammer the fascia in with a soft fist. Force isn't necessary to seat the clips and if they aren't aligned, the fascia clips may be damaged.



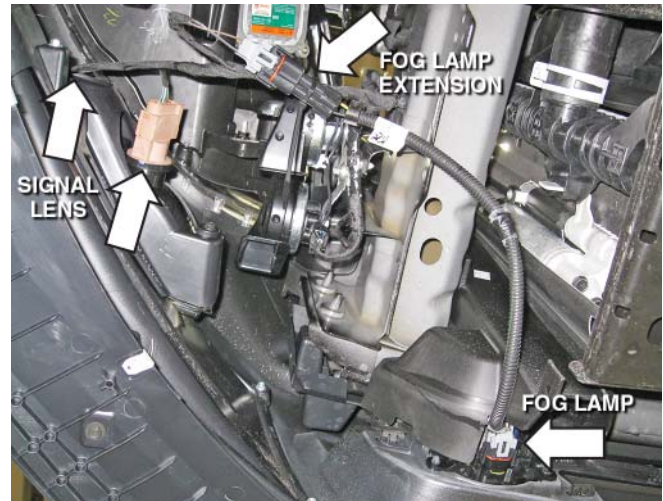
3. Install the seven (7) take-off screws that secure the fascia (reverse operation to step 2) on the top side of the fascia next to the locating/hang dowels. Install five (5) 7 mm screws across the top and two (2) 5.5 mm screws in the corners by the headlamps.



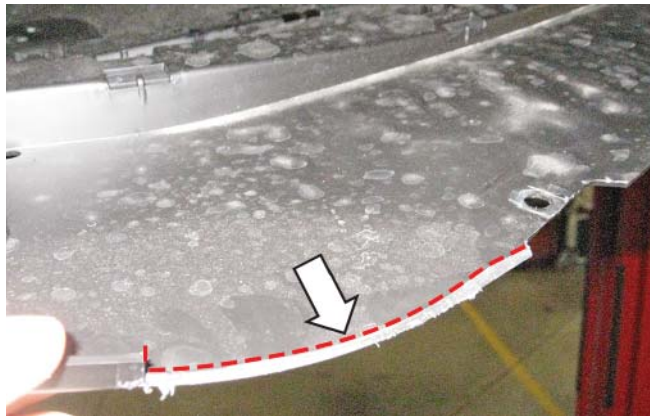
5. Connect the fog lamp extension harness and the turn signal harnesses. Use a zip tie or equivalent to fasten the extension harness slack against the vehicle.



4. Line up the bottom corner of the fascia (by the wheel well) with the wheel well covering and drill the new hole in the splitter for the push pin with a 1/4" drill bit. Install the take-off push-pin into the new hole.

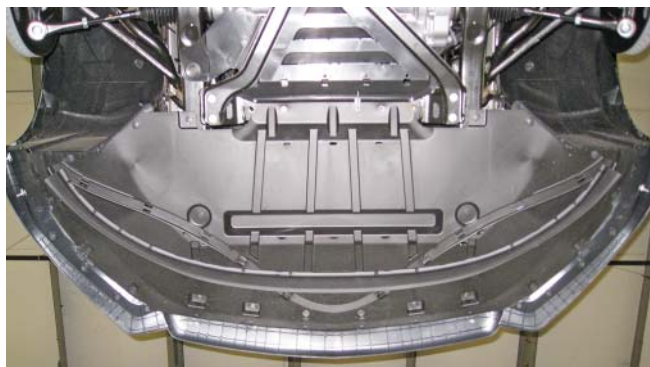


6. Non-GT performance (V8/V6/I4) equipped vehicles ONLY, modify the belly pan to achieve clearance in the corners to the new front splitter as shown below.



Right (passenger) side belly pan

7. Reinstall the underbody aero panel reusing the take-off hardware from the OEM disassembly. Assembly is the reverse order of operations from disassembly.



8. Align the wheel well liner to the holes and reinstall the retaining clips.
9. Reinstall the top radiator closeout in the reverse order. Re-use the take-off push pins to secure the closeout panel.



This concludes the ROUSH fascia installation procedure.

ROUSH FOG LAMP FUNCTIONAL TEST

1. Reconnect the negative battery cable.
2. Turn the ignition switch to the ON position.
3. Turn the head lamp switch clockwise so that the headlamps are ON and make sure the headlamps are in the low beam setting.
4. Turn the head lamp switch clockwise so that the headlamps are ON and ensure the headlamps are in the low beam setting. **(NOTE:** The fog lamps will not operate with the headlamps in the high-beam setting.) Toggle the fog lamp switch to the ON position and check to see if both fog lamps are illuminated.
5. Toggle the fog lamp switch to the OFF position. Check to see if the fog lamps are off.

Congratulations!!! You have completed the installation of the ROUSH Performance Products, Front Fascia Kit. It is recommended that you save all parts removed from the vehicle during the installation of this kit.