



Ford Mustang S197 GT 2010-2014
Installation manual

Congratulations and welcome to SHIROKAI army!

All our products are made of high grade automotive ABS plastic.

Front overfender ads 90mm per side, and rear ads 120mm per side, making enough room for any monstrous gripping tyres!

While the Wide Body Kit is designed to be easy and intuitive to install, due to the technical nature and specialized equipment needed, professional installation is REQUIRED.

Please carefully review these instructions to determine whether your installer has the tools and experience necessary before beginning this modification.

BEFORE PROCEEDING ANY FURTHER: PLEASE CHECK TO ENSURE YOUR KIT CONTAINS EVERYTHING NOTED IN THESE INSTRUCTIONS.

CONTACT SHIROKAI IMMEDIATELY TO REPORT ANY SHORTAGES OR INACCURACIES, SO ISSUES CAN BE CORRECTED BEFORE CAR DISASSEMBLY.

This widebody kit contains of parts:

- 1 Front fender flare left
- 2 Front fender flare right
- 3 Front bumper cover left
- 4 Front bumper cover right
- 5 Rear quarter panel flare left
- 6 Rear quarter panel flare right
- 7 Rocker panels/Sideskirts left
- 8 Rocker panels/Sideskirts right
- 9 Trunk spoiler/Ducktail
- 10 Front bumper lip spoiler



TEST FIT

Before starting installation, drilling, cutting your car we recommend to do a test fit. It will help you to know measurements for your future wheel setup.

Better use painter tape or spetial protection film to cover your body paint and protect it from scretches. Align the two sections of the Flare and clamp them together at the inside flanges if needed. Use painter tape to fix wide body parts on your car. Before attempted installation, review instructions carefully and be sure the installer understands and is capable of installation. This document was created under the pretense that the installer has significant experience with body-work methods and techniques. If the methods used in this manual are not fully understood please stop and understand them fully.



1



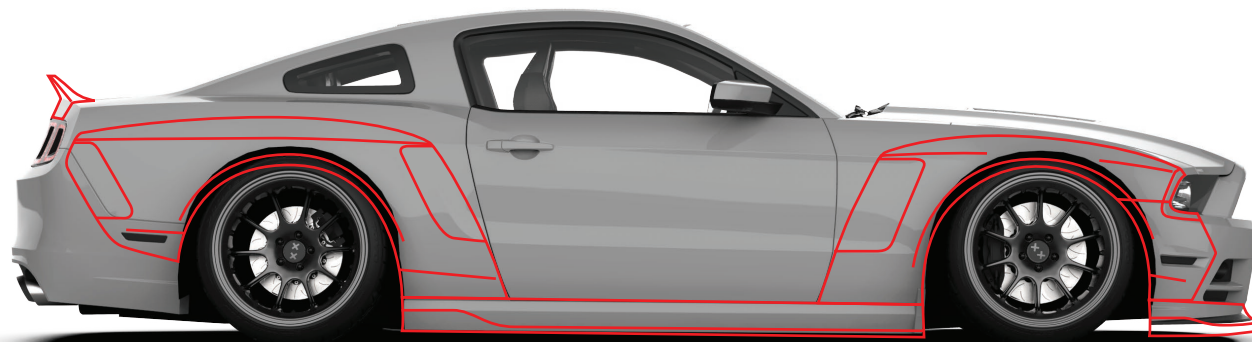
We recommend to use airbag suspension and install it before starting reimagining your car with SHIROKAI body parts

2



After what you can lower your car to the ground for understanding how much you will need to cut arches for your bigger wheels

3



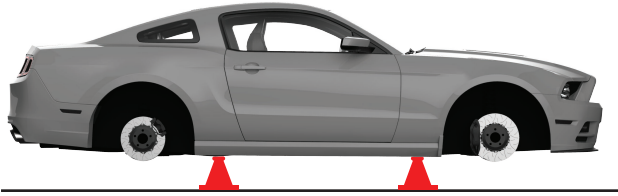
And third step is careful installation of wide body parts with understanding methods and techniques

CUTTING AND WELDING

Disconnect the battery! Make sure you or installer know how to weld

Give yourself enough room to operate.

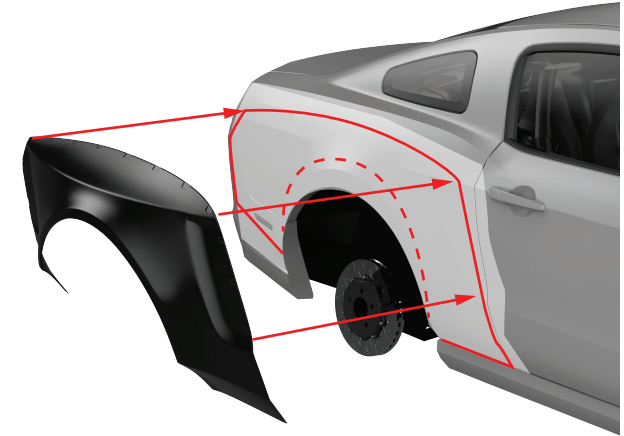
Please refer to Ford manuals during disassembly and reassembly of stock components.



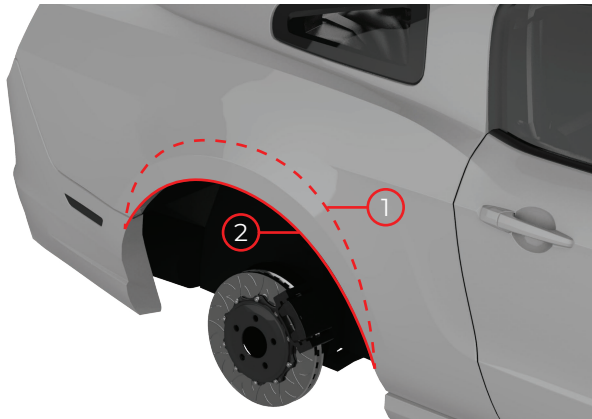
Raise the vehicle and support it using jack stands on all 4 corners. Remove the wheels and tires, fender liner, inner trunk panels and set them aside.



Using fender covers, painter tape or equivalent, cover the vehicle for protection against sparks and abrasive debris. Cover the suspension, brakes, windows and shock with a welding blanket or equivalent.



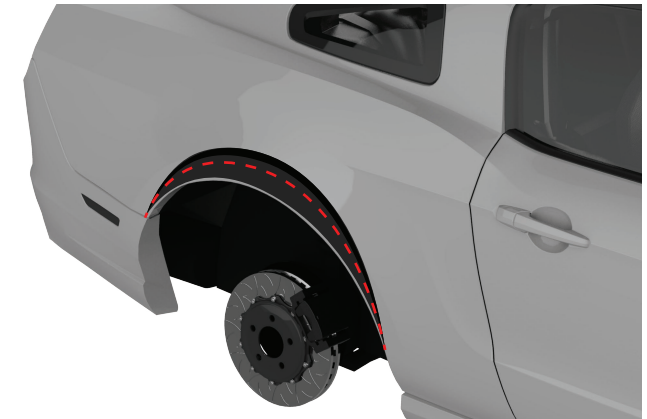
With the help of an assistant, hold the Flare up against the vehicle and trace the flare and cut line with a permanent marker.



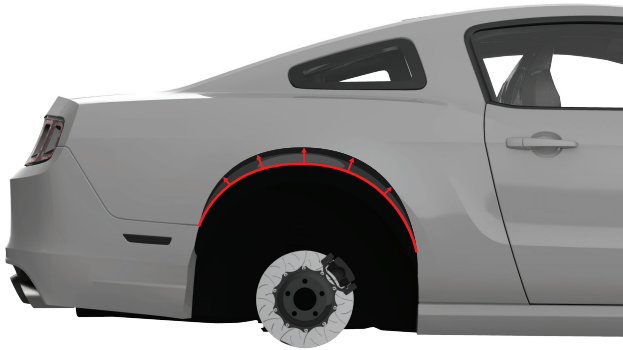
1) Begin cutting the outer fender as shown.
2) Use an angle grinder with a sanding disc to separate the outer and inner fenders at the edge.



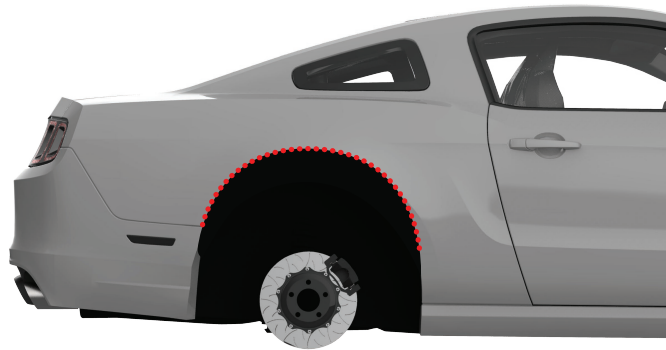
Peel back the outer fender to gain access to the inner fender.



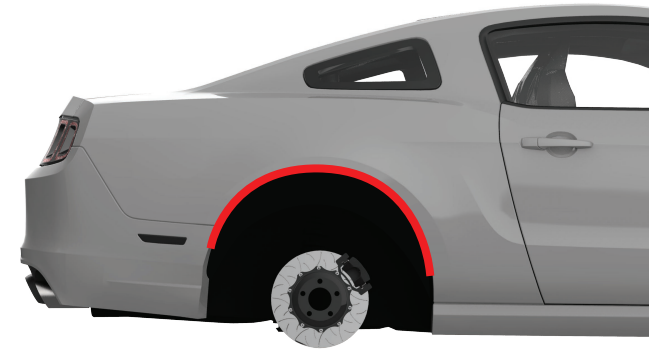
Using an air reciprocating saw, cut out the inner fender.



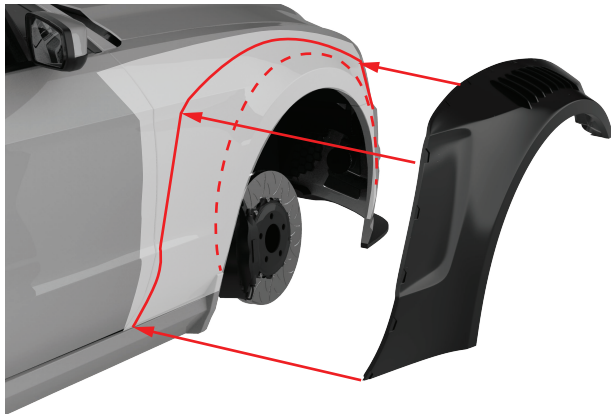
A hammer and dolly is used to bring the inner fender up to the outer skin. Be patient and the job will be less frustrating and more rewarding. As you do this you may need to tack some points or remove more inner fender material.



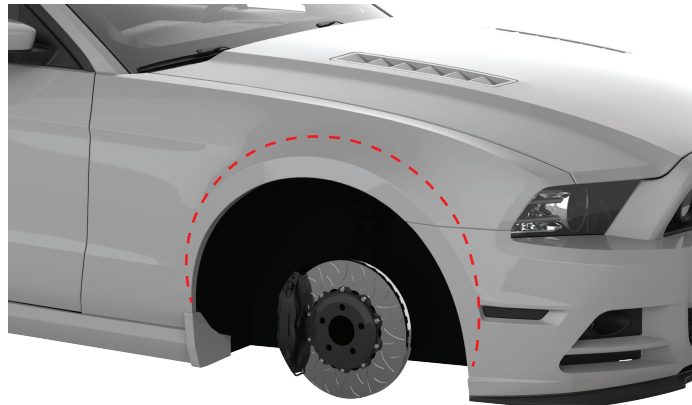
Peel back 1.5 to 2.0 in. of tape and sand the outer fender down to bare metal. Notice the tack welds to keep the raised material aligned and flowing smoothly. After all is tack welded, you will completely weld this fender up. Do it in short runs to help keep the fender as straight as possible. This will also add strength back to the structure!



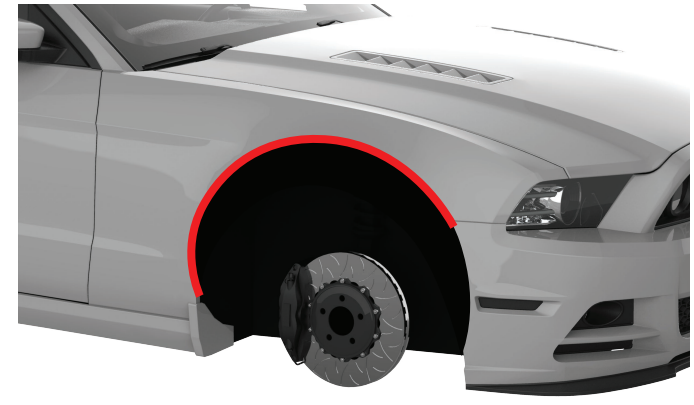
Carefully sand flat the tack welds along the outer edge and round off any sharp edges. Mask off the vehicle with painters plastic and apply seam sealer to the welded edges. When the sealer is dry, apply undercoat to the work area. Remove the painters plastic when the undercoat has dried.



With the help of an assistant, hold the Flare up against the vehicle and trace the Flare and cut line with a permanent marker.

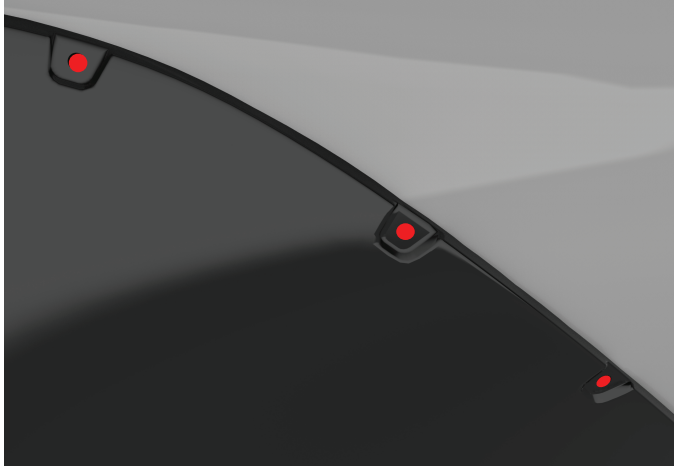


Cut front fender as shown to free more space for your new wider wheels. Make sure your front wheel are turning without any rubbing of body.

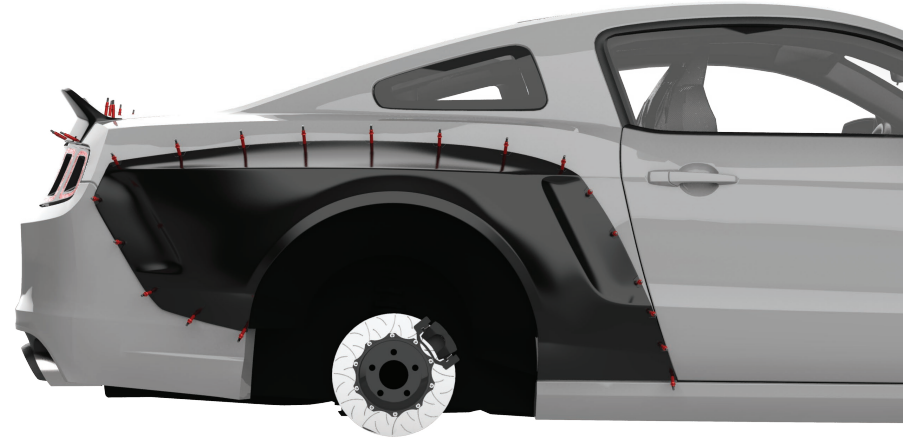
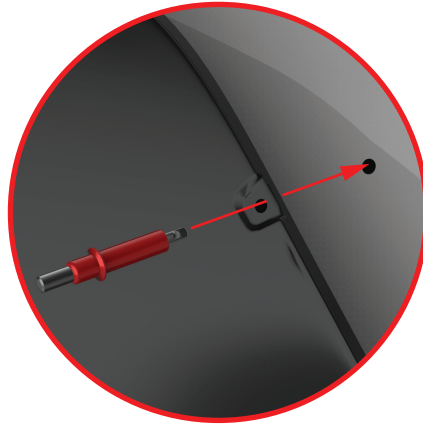


Carefully sand flat cut edges and round off any sharp edges. Paint the cut edges of the front fender to prevent chipping. An automotive paint pen works well.

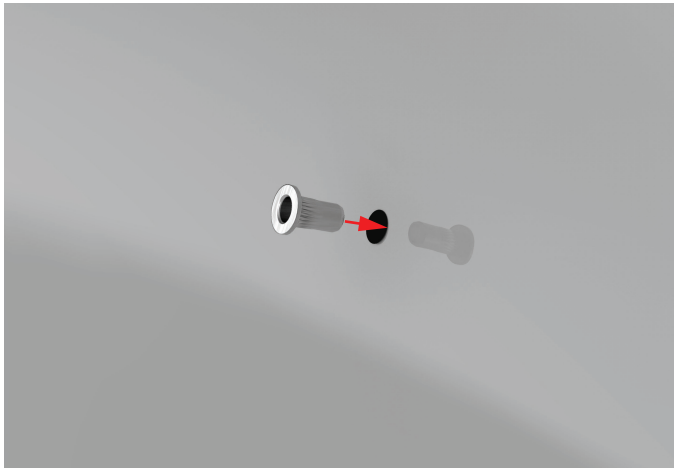
INSTALLATION



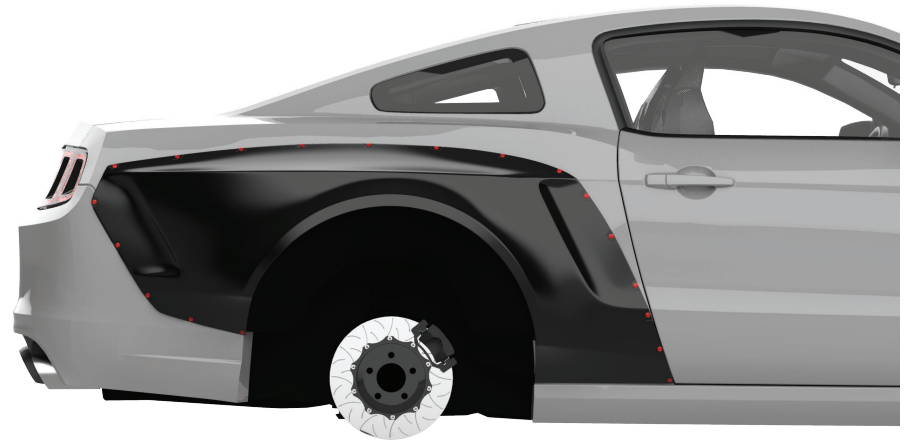
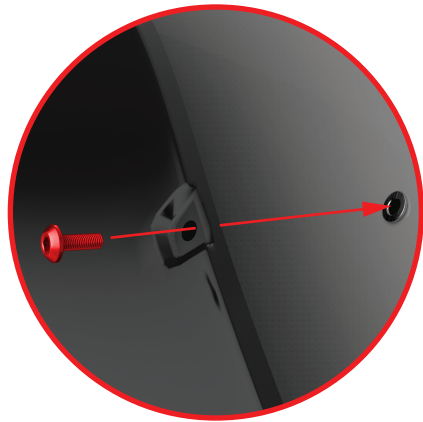
Mark the flares for drilling in flares and fenders.



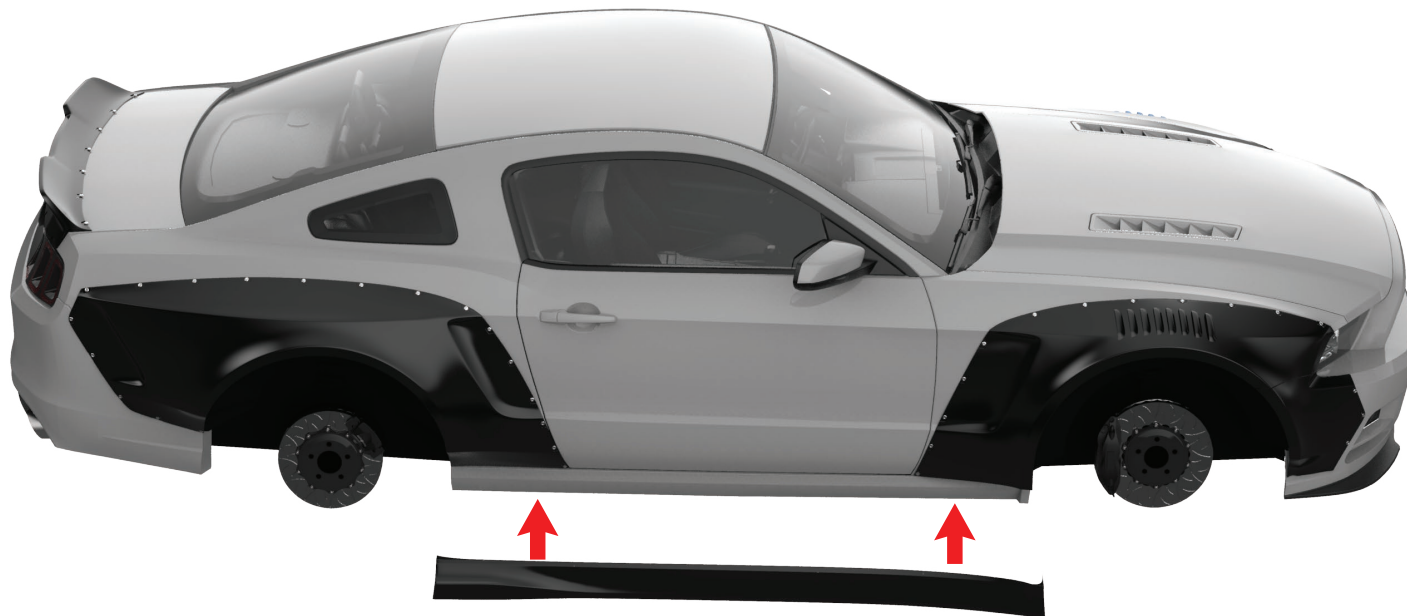
Place the Flare onto the vehicle and tape it into place or do it with the help of an assistant (recommended). When drill .125 in. holes into the fender. Install cleco pins into the holes to secure the SHIROKAI widebody parts and maintain proper alignment.



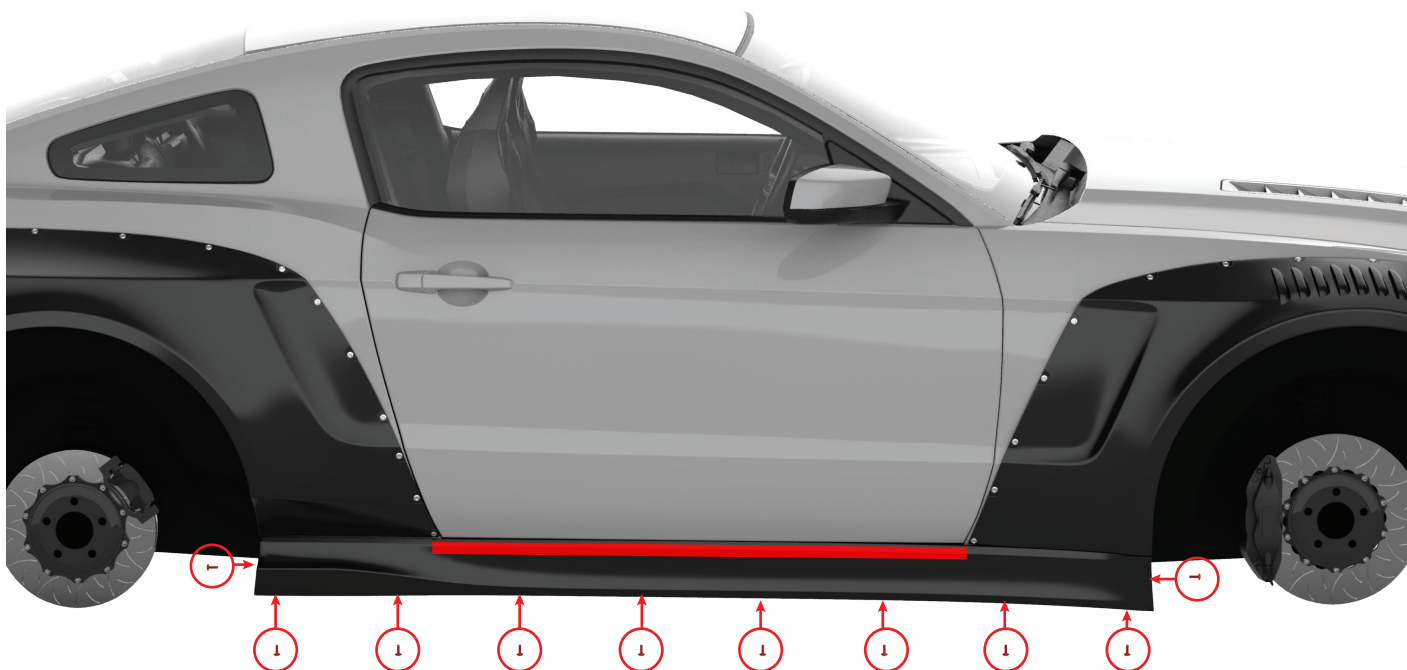
Remove the Shirokai flares from the vehicle and using a drill, enlarge the holes in the vehicle fender. Install the nutserts into the fende using special tool.



Carefully install the Flare onto the vehicle using the button head cap screws and washers. Start at the center and work outward. Do not fully tighten any of the fasteners until every one has been successfully started.



With the help of an assistant carefully install the sideskirt onto the vehicle using cleco pins or painter tape.

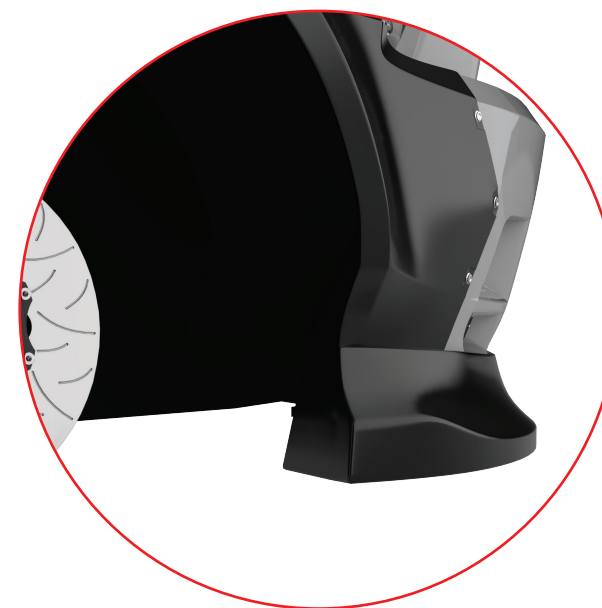
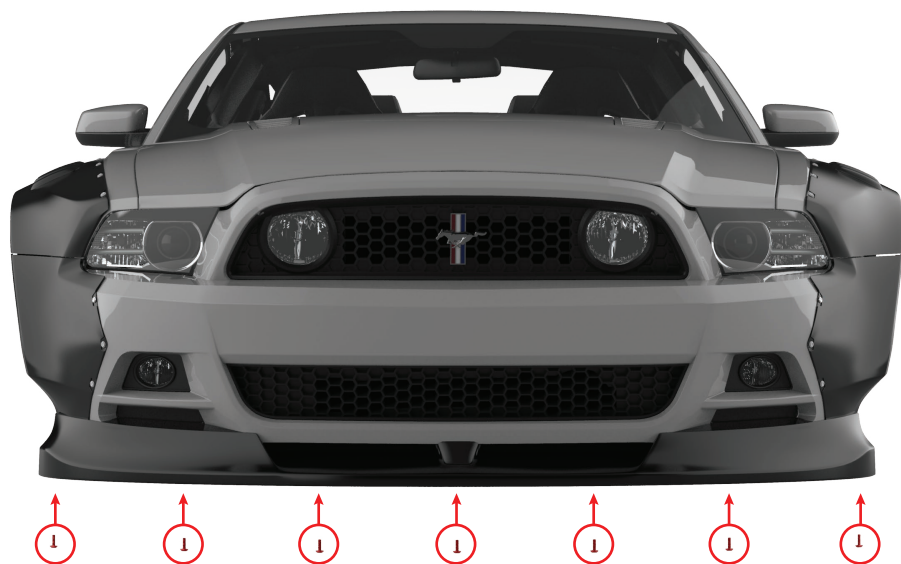


We recommend to fix the sideskirt as shown on left. You can use nutserts for plastic, button head cap screws and washers 3m tape with adhesive (—).



Remove your OEM front lip. Place SHIROKAI front lip onto the front bumper and tape it into place or do it with the help of an assistant. When drill holes into the bumper. Install cleco pins to secure the part and maintain proper alignment.

Remove the SHIROKAI front lip from the vehicle and using a drill, enlarge the holes in bumper. Install the nutserts for plastic into the front bumper using special tool.



Make sure all parts are fitted well, check all mountings, install your new bigger wheels and check inner fender volume with full load.
Disassembly all body kit parts for painting

Additional Supplies Required

1. Seam Sealer 1 Can
2. 2" Painters Tape 3 Rolls
3. Rubberized Under Coat 2 Cans
4. Painters Plastic 1 Roll
5. Weld through Primer 1 Can
6. Paint Marker 1
7. Permanent Marker 1
8. 42"x 9" 18 Gauge Steel 2

Specialty Tools Required

- 1/8" Cleco Pins
- Nutsert installation tool
- 5/16" Rotabroach
- Painters Plastic
- Paint Marker
- Automotive Paint Pen