

ROUSH Rocker Splitter Kit

Part Number 1310R631054

Application: 2010 Ford Mustang GT

Installation Instructions

Before installing your ROUSH Performance Product(s), read through the entire installation procedure and check to make sure all items are present.



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Packaging List for ROUSH Rocker Splitter Kit

Part Description	ROUSH Part Number	Qty
Rocker Splitter Kit	1310R631054	1
Splitter Panel - LH	1310631055	1
Splitter Panel - RH	1310631054	1
Hardware Kit - Rocker Splitter Kit	1310R631054HK	1
3M™ 4298 Adhesion Promoter		2
Retainer - Push Pin	M19-013-0028	26
Installation Instructions	1310R631054IM	1

Equipment and Supplies Required

Isopropyl Alcohol
Pliers
Drill
1/4" Drill Bit
Phillips Screw Driver
Soft Lint-Free Cloth
Electrical Tape

Recommended Equipment and Supplies Required

3M™ General Purpose Adhesive Cleaner (PN 08984) or
3M™ Prep Solvent 70 Low VOC Cleaner (PN 08973)

USE EXTREME CAUTION WHEN WORKING UNDERNEATH VEHICLE. Never get near or underneath vehicle until you are confident that it is safely supported and will not move or fall from its raised position.

DO NOT USE A BUMPER JACK!



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 REQUIREMENTS

STOP! READ IMPORTANT SAFETY CAUTIONS AND WARNINGS BEFORE PROCEEDING.

IMPORTANT SAFETY NOTICE

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 actual installation.

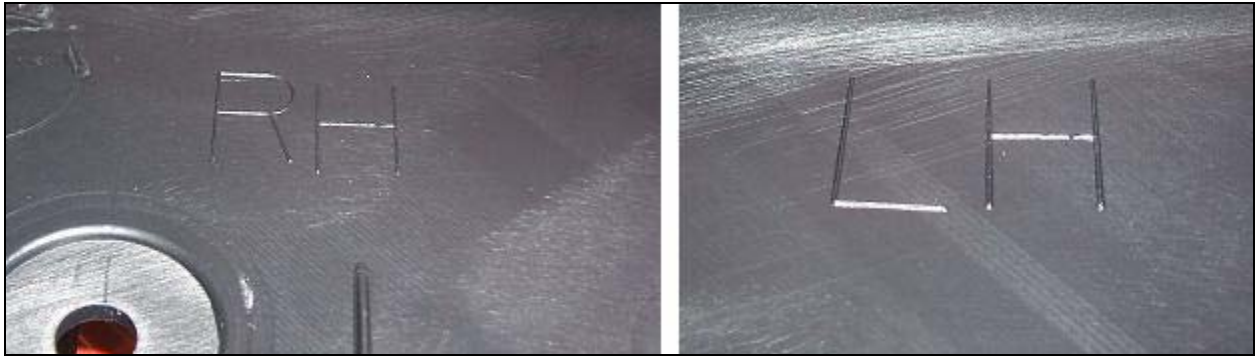
1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Chock the front and rear tires to prevent unexpected vehicle movement.
5. If working without a lift, always consult vehicle manual for correct lifting specifications.
6. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
7. Do not smoke or use flammable items near or around the fuel system.
8. Use chemicals and cleaners in well-ventilated areas.
9. Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
10. Keeps hands and any other objects away from the radiator fan blades.
11. Keep yourself and your clothing away from moving parts when the engine is running.
12. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
13. 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.

Installation

1. Select the LH ROUSH Rocker Splitter. The LH and RH Rocker Splitters are marked on the back side near the center of the part. Refer to Figures 1.



Figures 1

2. With an assistant, hold the left ROUSH Rocker Splitter in position and visually note where the foam tape is to adhere to the factory rocker panel molding. Refer to Figure 2. Remove the Rocker Splitter.



Figure 2

3. Clean the noted area and apply the 3M™ 4298 Adhesion Promoter to the factory rocker panel molding. Refer to the 3M™ Technical Data Sheet, included, for prep and application procedures.

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- Using a pair of pliers, reach into the rocker panel molding pockets as shown and pull the eight (8) push pins from the left side rocker panel molding and discard. Refer to Figures 3. The rocker panel molding will remain in place with the upper fasteners retaining it to the body.



(One push pin shown, all others are similar)

Figures 3

- Prepare the Rocker Splitter for installation by bending and creasing the tape pull tabs as shown in Figure 4. Do not expose or touch the foam tape.



Figure 4

6. Loosely install the left side Rocker Splitter and eight (8) new Push Pins. Ensure that the foam tape pull tabs are accessible. Refer to Figure 5. The picture shows a large gap for clarity. Press the Push Pins in, leaving a 1/8" to 1/4" gap.



Figure 5

7. Starting at the front and ensuring that the factory rocker panel molding is nested into the recessed feature in the Rocker Splitter (Refer to Figures 6), fully insert the eight (8) Push Pins. The handle of a screw driver works well to fully press the Push Pins in.



Figure 6

- Pull the four (4) tape pull tabs to remove the tape backing. Refer to Figure 7.



Figure 7

- Press the left side Rocker Splitter into place. Apply firm pressure at 3-4 inch intervals along the entire length of the Rocker Splitter to ensure a strong bond.
- Using the installed left side Rocker Splitter as a template, drill five (5) 1/4" holes into the factory rocker panel molding as shown in Figures 8.
Assembly Tip: Place several wraps of electrical tape 1" from the tip of the drill bit to act as a drill stop. Refer to Figures 8.



(Rear hole shown, others are similar)

Figures 8

11. Install a new Push Pin into each of the five (5) drilled holes. Refer to Figures 9.



(Three of five Push Pins shown.)
Figures 9

12. Repeat steps 1 - 11 for the right side Rocker Splitter.

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



WARRANTY

All retail parts carry a 90-day warranty from the date of purchase. This warranty covers defects in materials or workmanship, and does not include (i) normal wear and tear, environmental conditions, improper installation; (ii) road hazards, misuse, abuse, neglect, accidents, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle; (iii) misusing the vehicle, such as driving over curbs, overloading, racing, or using the vehicle as a stationary power source; (iv) altering, disassembling or modifying the parts; (v) defects caused or induced by failures, breakdowns, or damage by other parts, components or the vehicle; (vi) subjecting the parts to excessive moisture or water or any motor vehicle fluids (e.g.: oil, anti-freeze, battery acid, brake fluid, etc.); (vii) acts of God, natural disasters and other similar causes beyond the reasonable control of ROUSH; or (viii) application of chemicals that affect the parts. This Limited Warranty does not cover surface deterioration of paint, trim, and appearance items that result from use and/or exposure to the elements, such as stone chips, scratches, bird droppings, lightning, hail, windstorm, dings, dents, earthquake, road salt, tree sap, water or flood.

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Adhesion Promoter 4298

For Professional Market Applications

Technical Data Sheet

December 2001

Supersedes Technical Data Sheet dated May 1999

General Description

3M™ Adhesion Promoter 4298 is a liquid primer used for most low surface energy plastics. This would include common low surface energy plastics used for automotive dash and interior trim applications (TPO, PPO, PP, PC, PC + ABS, etc.). Since formulations and surface energies can vary for these types of materials, each application should be verified through testing. 3M adhesion promoter 4298 is specifically formulated to be used with 3M™ Acrylic Foam Tapes for automotive applications.

Physical Properties

Components	Cyclohexane, xylene, ethyl alcohol, ethylbenzene, ethyl acetate, acrylic polymer, chlorinated polyolefins, isopropyl alcohol Contains less than 0.5% of the following: bisphenol a-epichlorohydrin copolymer, methyl alcohol, chlorobenzene
Solids	Approximately 5%
Color	Straw
Viscosity	25 Centipose maximum
Flashpoint	-20°C (-4°F)
Drying Time	30-90 seconds
Net Weight	3.1 kg (6.8 lbs.) per gallon
Availability	Sponge applicator packet - 2.5 cc
Coverage	Approximately 150 in ² per sponge applicator packet

Technical Data Sheet 4298

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Surface Preparation The bonding surface should be clean and dry. Contaminated surfaces should be cleaned with an untreated, lint-free cloth and 3M™ General Purpose Adhesive Cleaner (Part No. 08984) or 3M™ Prep Solvent 70 Low VOC Cleaner (Part No. 08973). Follow this by wiping with another untreated, lint-free cloth and isopropyl alcohol. Observe precautions for solvent handling.

Application Procedure 3M™ Adhesion Promoter 4298 is supplied in an easy-to-use sponge applicator packet. The liquid contents of the packet should be completely used as soon as possible after opening. Hold packet upright and avoid squeezing an opened packet to prevent spillage of liquid contents. The packet can be opened by tearing across the top of the packet at the notches. This will expose the sponge applicator. *Do not remove the sponge or squeeze a freshly opened packet.* Handling the bottom section of the packet should enable application of 3M adhesion promoter 4298 with no mess.

Apply a thin, uniform coating to the bonding surface, using the minimum amount that will fully coat the surface. A wet coating thickness of 0.002 inch or less is recommended. Apply promoter only to areas that will be fully covered with tape. Although drying times may vary due to temperature and/or humidity, a drying time of 30-90 seconds is typically indicative of this thickness. The primer should be dry before applying tape. For best results, apply tape immediately after primer application or no more than one hour after primer application. Be sure the primed surface remains free from contaminants prior to tape application.

Clean-Up 3M adhesion promoter 4298 can be cleaned up with methylethyl ketone (MEK) or acetone solvents (be careful with solvents on plastics). Vigorous scrubbing may be required.

Caution: When using solvents for cleanup, use the precautionary measures recommended in the MSDS and/or label for the solvent.