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\*Patent Pending

# **One Piece Products**

**Series V**

**1967-1968 Ford Fastback**

**One Piece Door Glass**

**Conversion Manual**

[www.OnePieceProducts.com](http://www.OnePieceProducts.com)

**(888)One Products**

**(888)663-7763**

## Installation Instructions



1967-1968 Ford Mustang Fastback

First and foremost, we at One Piece Products wanted to **Thank you** on your interest of our newly designed Full One Piece Door Glass conversion kit for the 1967-68 Ford Mustang Fastback. This kit is designed to be a direct bolt on kit with very little modifications required. Our kit is designed to fit the *original Manual Regulator, we are currently testing the Electric Life power upgrade for future release.*

Here at One Piece Products we thrive on creating unique glass kits for the automotive enthusiast and their babies. You will be pleasantly surprised with our upcoming new projects!

In the next following pages you will find a detailed description on the installation process of our one piece door glass conversion kit. The pictures will include a short one or two sentence description of the step mentioned.

If for any reason you have difficulties during the installation process please feel free to contact us at **(888)663-7763** or email us at [info@onepieceproducts.com](mailto:info@onepieceproducts.com) . You can call during normal business hours 9:00 a.m. to 4:00 p.m. Pacific Standard Time.

## Kit Contents



1.

Standard green curved

tempered 3/16" (2) Left & Right

Quantity (2)



2.

Front Glass Triangular support

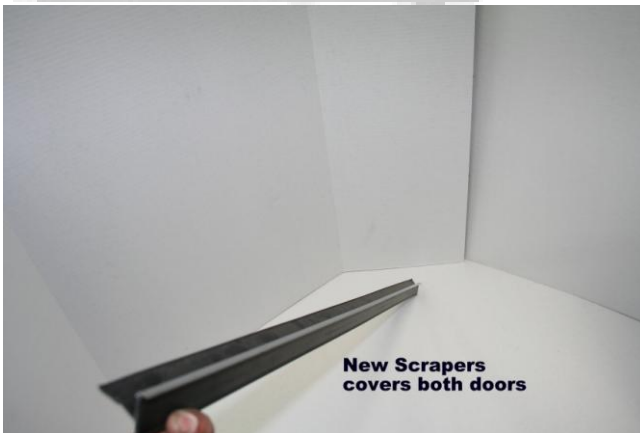
**brace-** used to support inner and outer door skin where the original brace it taken out. Comes in two pieces that bolt together.

Quantity(2)



3. **Roller Channel** (Used to replace the old roller channel, has two holes one on each end. Mounts between door glass brackets and the rollers on the regulator.

**Quantity (2)**



4. **New Inner & Outer scraper set.** Used as anti-rattle channels for the glass, also prevents water from coming into the door area.

**Quantity (4)**



5. **New front and rear vertical roller guides.** Used in replacement of the old vertical guide glass rail assembly. *(Including lower adjustment bolt.)*

**Quantity (4)**



6. **Bag of  $\frac{1}{4}$ " &  $\frac{5}{16}$ " Nuts, bolts & washers.**

**Quantity (1bag)**



7. **New Rollers** included, for our New Roller channel. Two per regulator, Four for both vertical guide rails.  
**Quantity (6per door, 12 per kit)**



8. **Upper front Adjustment bracket.** Used on the upper front vertical guide as an adjustment point.  
**Quantity (2)**



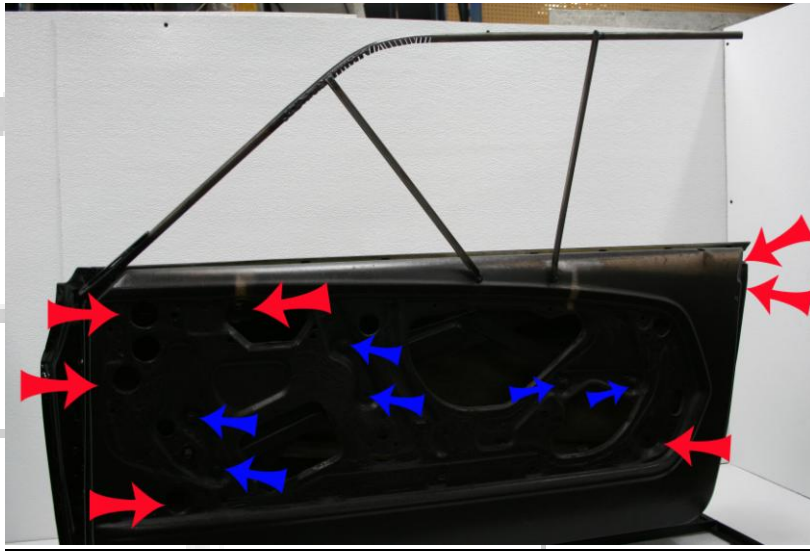
9. **Lower Regulator door glass stop. Used to stop the door glass at a specific level so the glass can seal up properly against roofrail seal. Quantity(2)**

## Tools needed

- *1/4"-1/2" Step Drill.*
- *1/4" drill bit*
- *Hand screwdriver or Drill with Phillips head tip.*
- *Flat thin screwdriver.*
- *10mm, 7/16" nut driver or ratchet, 10mm & 7/16" socket w extensions.*
- *7/16" wrench, 5/16" wrench*
- *Allen tool*
- *Metal hacksaw to cut sheet metal brace.*
- *1" masking tape.*
- *Lawn chair w/ six pack for a break!!*



## Disassembling the door



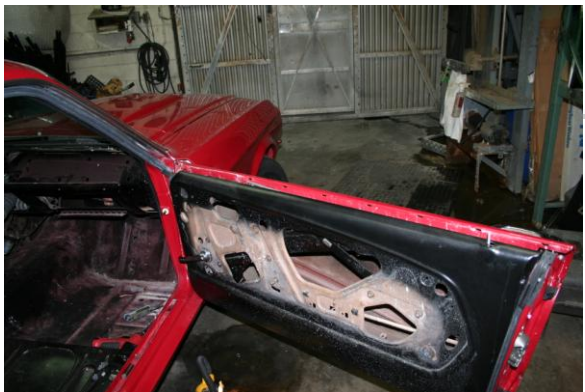
- 1. Remove the seven Bolts indicated by red arrows** to remove the vent glass (*as shown by the red arrows in the picture.*) Remove the **3 Phillips** screws that are located on the original horizontal C-Channel. Also remove the old door glass stops on the front and rear of the door glass. Remove the old scrapers first to make removing the glass easier. Take out the **3 Bolts** that hold the old rear vertical guide. Slide the original door glass all the way up and out of the door. This should enable you to slide the vent glass assembly away from its cavity. ***(Make sure the 4 bolts are removed connecting the vent assembly including lower door glass stop.)*** Pull back then twist the vent assembly gently so you can slide it out easier. ***(Watch out with the lower vent bracket so you won't get stuck.)***



2. With all the bolts removed lift out the door glass and set aside.



3. With all the Bolts removed you will have to lift and twist on the vent glass. You can also slide to the other end of the door and out of the back. The lower vent bracket becomes stubborn at time to remove. So be careful on this removal.



4. Now its time to remove the Regulator. There are 6 bolts for this step.

- **New Regulator Roller Replacement** Take out the manual regulator; you need your 7/16" socket and ratchet for that. You will be **replacing** the two older **smaller rollers** that ride in the lower glass rail to the **larger New ones** supplied in the kit. **Simply grind** the expanded part opposite side of the roller and use your center punch to punch it out the old Roller. You will need to use a step drill to resize the original hole to a 1/4" hole. **Simply slide** the new larger Roller on and bolt it down using **Locktight thread adhesive**. After you done, make sure the stud of the New Roller **DOES NOT SPIN**, (it should be on solid.) **Quick tip:** Grind the stud flat with the nut for future clearance. When fully installed the regulator arms will pass the nuts opposite the rollers, that is why you would want that little extra clearance.



**Now bolt** the old regulator with the new Rollers back on the door.

## Installing THE KIT

### Cutting the brace between the inner and outer door skin:



Locate the two brace tabs under the old vent glass, Simply cut them with your saw and remove them.



This is what the tabs should look like when remove, (Nothing There!)

### Installing New Roller Horizontal channel



3. Slide in the New Roller channel with the 2 holes in it. This will mount to the main bracket that is riveted on to the glass. **Quick tip: Use your masking tape along the length of the door to prevent any scratches of your paint.**

### **Installing the glass**



4. Install the door glass from the top and bolt it down.



5. Bolt the glass to the new horizontal channel using the 2 bolt provided in the kit.



6. With the Horizontal bolts in place, roll the glass all the way up to set up the installation of the new vertical guiderails.

## Installing Front and Rear Vertical Guides



7.

Install the rear

vertical guide with lower adjustment bolt for future adjustment. *This guide should bolt on to the original mounting points of the old rear vertical guide.*



8.

These are the rear bolts above the latch assembly. One is hidden the other is above the latch assembly.

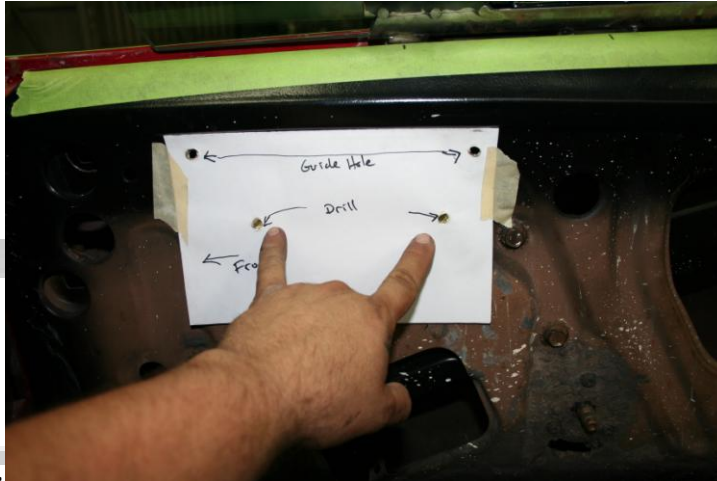


9. This is the adjustable lower bolt with nut for the rear vertical guide. We will adjust it a little later when we get to that step.



10. Now install the front vertical guide including the lower adjustment bolt. The upper adjustment bracket will be installed later.





11. You will have to drill 2 new holes using the template provided in the kit. With these holes you will mount the upper adjustment bracket for the front guide rail. Use the guide holes that are used for the door panel clips as a reference.



12. Use your step drill to drill a pair of  $\frac{1}{4}$ " Holes.



13. With the holes drilled Now you can slide on the upper front adjustment bracket and bolt it down.



14. Leave the adjustment bolt in the middle of the bracket a little loose so you can tighten later for final adjustment.

## Installing New Front Triangular Brace



15. Lower the glass all the way down so you can install the Allen bolt for the install of the first part of the Front triangular bracket. **(Don't fully tighten you still need to slide the corner bracket in.)**

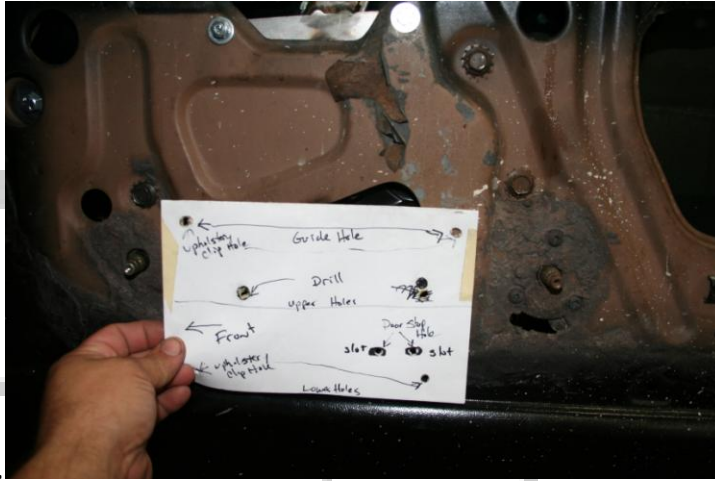


16. The first triangular bracket has a slot on it so you can slide it over the Allen bolt that was installed previously. Now go ahead and tighten the Allen bolt.



17. The second bracket is a little more tricky to install. Try to bolt on the lower end of the bracket then follow it up with the other end with the short bolt. The last bolt should be the Long one in the middle that connects both inner and outer brackets together. Adjust the bracket to match the angle of the Roofrail seal then tighten. At this point the bracket might not seal yet but make sure the angle is correct. ***Quick tip: You might have to grind the threaded part of the Short bolt closest to the new vertical guide so it does not scratch the inside part of the glass.***

## New door glass stop installation



18.

With the template provided you will drill the new door stop holes. ***Quick tip: Slot the holes left to right for future adjustment.***



19.

With the holes in place and the window in the down position. Bolt on the New Door stop.



20.

The half moon gear on the regulator will hit the angled part of the bracket. This bracket is used to set the correct height of the door glass when doing the final adjustment.

## Replacing Hinge Bolt



21. Remove the upper bolt of the lower hinge and replace it with the new shorter bolt.



22. Install the new lower bolt.

23. *The Glass might come close to and possibly hit the inside brace located opposite the new shorter bolt we just installed. KEEP AN EYE ON IT for clearance. If need be you might have to grind a little portion off that inside brace.*

## Scraper installation



24.

Install the new

Scrapers. You will notice two short scrapers(inner), and two longer scrapers(outer). They will be clipped for ease of install. In the triangular brace area you can use **3M weatherstrip adhesive** preferably black to secure the unclipped area.



25.

Follow the same

steps for the inside scraper.



## Relocating a portion of the Roofrail seal



In the area where the old vent glass met the door glass, peel and separate the roof rail seal and remove the screws that hold the metal channel to the body.



You will be shifting it out roughly  $\frac{1}{2}$ " -  $\frac{3}{4}$ " depending on your door glass clearance. Do not glue the roofrail seal yet you will need to test the seal against the door glass.



This is what the final adjustment should look like, with the Roofrail seal pressing up against the back of the glass.

### Check for adjustments



This is the front lower adjustment bolt. By turning it RIGHT you are pulling the top of the door glass when up away from the roofrail seal. By turning it Left you are bringing the glass closer to the roof rail seal, where it belongs.



This is the rear

lower adjustment bolt. By turning it **RIGHT** you are pulling the top of the door glass when up away from the roof rail seal. By turning it **Left** you are bringing the glass closer to the roof rail seal, where it belongs.



This is another

adjustment point on the front upper vertical guide. It can slide in and out.

***Quick Tip: Do not forget to lubricate the new channels and every moving part in the door glass kit.***



- HOOORAAAYYYY!!!!
- You're Done!!

**GREATJOB!!!**

**DOESN'T THAT LOOK BETTER!!!**

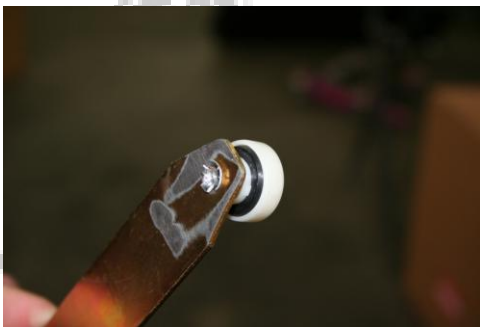
# Electric Life Power Window upgrade

## Adjustments

The Electric Life power window upgrade will work only if these adjustments are made to the new regulator assembly.



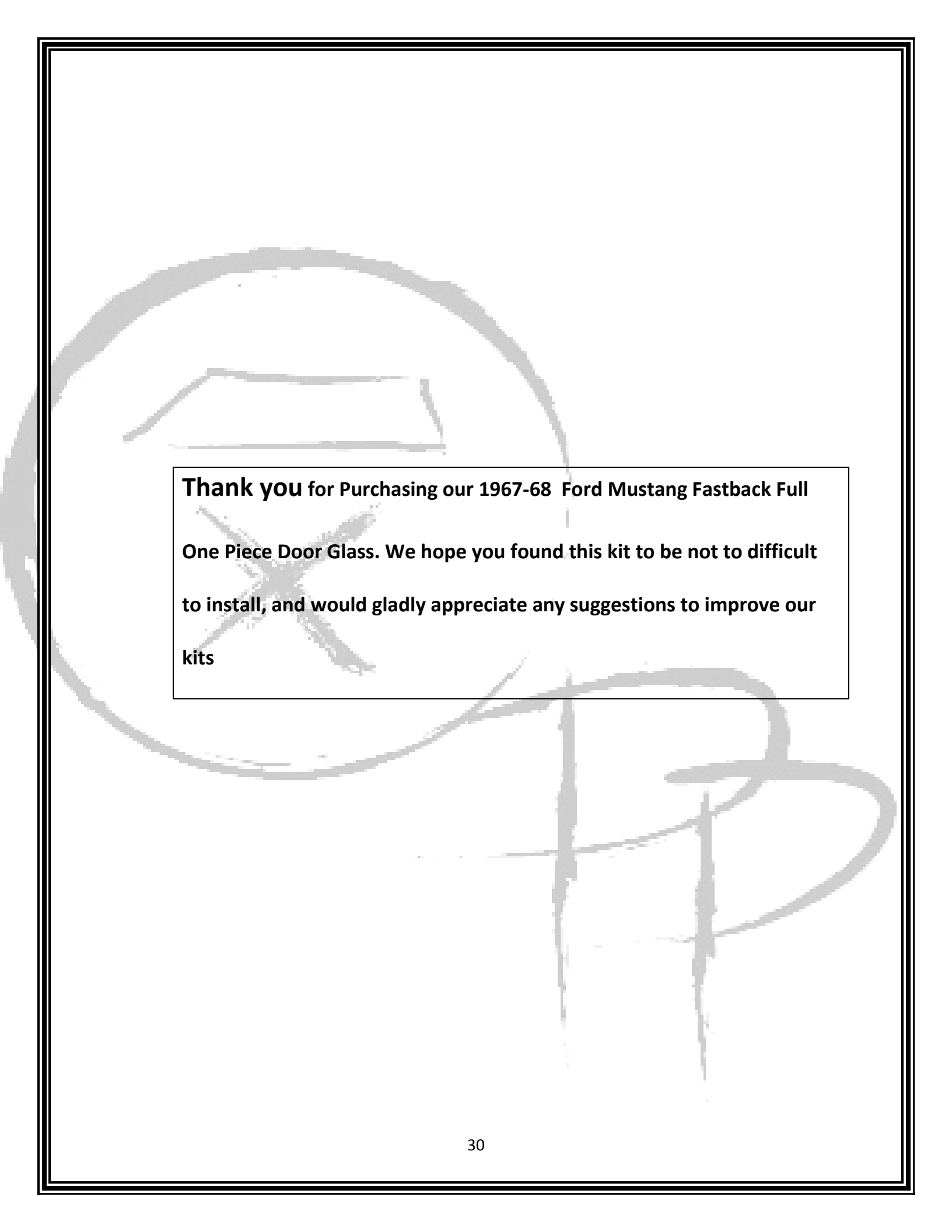
- Grind off the back expansion stud of the original smaller roller.



- Replace with the new rollers provided in the kit. The diameter of the hole is slightly bigger, but the aluminum stud will expand to the hole as described in the picture.



- This is what the new rollers should look like installed.



**Thank you for Purchasing our 1967-68 Ford Mustang Fastback Full  
One Piece Door Glass. We hope you found this kit to be not to difficult  
to install, and would gladly appreciate any suggestions to improve our  
kits**