

Stiffening Rail Kit 1994-2004 Mustangs (SR-M01)

Installed behind the rocker panel pinch weld lip, these rails multi-task by adding strength and stiffness to your Mustang's chassis as well as providing a safe and solid foundation for your jack. Pre-masked areas for welding means no powder coat to grind away, for a quick and easy installation! A must for all track and lowered cars! Manufactured of 1" x 1.5" x .083" rectangular tubing for great strength-to-weight ratio.

To achieve the ultimate in chassis stiffness, go with Stiffeners' **Fully Integrated Technology (FIT) System!**

See buystiffeners.com for more details or ask your dealer!

(Please read all instructions prior to beginning installation. Contact your dealer with any questions.)

Kit Includes:

- 1 Driver Side Stiffening Rail (marked "D")
- 1 Passenger Side Stiffening Rail (marked "P")
- 4 Plastic End Plugs

Required Tools:

- MIG Welder
- Trim removal tool
- C-grips or C-clamps
- Marker or Paint-pen

Install Time: Approximately 1 hr.

[Note: If Stiffeners **FIT System** was purchased, perform painting after complete system is installed.]

Installation:

1. Disconnect battery.
2. Raise vehicle to allow access for installation. [NOTE: It is recommended the vehicle's weight be supported by the suspension during installation. This can be accomplished by using a drive-on style lift, ramps or raising the car and positioning jackstands under the suspension.]
3. To avoid possible heat damage, it is advised to remove the rocker panel trim from the car. Remove the rear screw, then the plastic push fasteners along the bottom. Pull panel outwards and gently pry panel loose with trim tool.
4. Check pinch weld lip for previous jack damage, straighten if required.
5. **Convertibles ('99~'04)** To properly fit the pinch weld area on the 99-04 convertibles both Stiffening Rails must be shortened 1" on the front end (Fig.1).
6. Locate Driver Side Stiffening Rail (stamped "D"). Remove the 5 tape tabs located along length of part, exposing the bare metal areas for welding. (Fig.2)
7. With "D" facing UP, align holes in jacking rail with push fastener holes on pinch weld lip and clamp into place. [NOTE: Rail should show slightly (1/16"~1/8") below pinch weld lip evenly front to rear.]
8. Starting at the front, along seam where the two parts meet, weld within the provided bare metal areas.
9. Clean weldments with wire brush. Spray all bare metal areas with rust preventative paint. If color matching is desired, use Textured Matte Black paint.

10. Insert supplied plastic end plugs into to keep moisture out of stiffening rail.
11. Reinstall rocker trim panel.
12. Repeat procedure for Passenger side.
13. Lower vehicle and reconnect battery.

Fig. 1

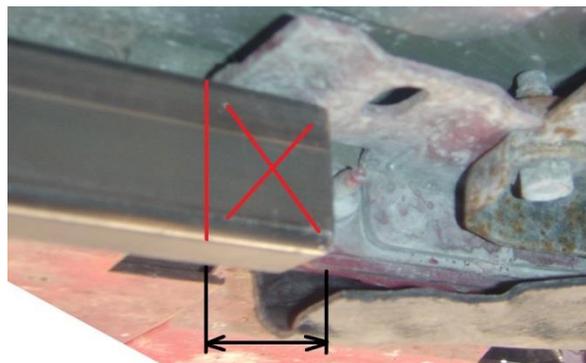


Fig. 2

