

# Installation Guide MH-SA50



*This kit includes:*



Straight, Powder-Coated, Steel Tube x 4



Mounting Bolt w/ Washer x 4



Tube End Caps x 8



Nylon Hanger x 8



Locking Nut w/ Washer x 16



Elevator Bolt x 16



Elevator Washer x 16

**> Important Notice <**

These instructions are only a guide! Every truck is different and each setup is unique. It's your responsibility to make sure there is enough clearance between your tires and the fenders at all times. Improper installation will void your warranty.

**What This Kit Does:**

Your MH-SA50 kit will mount one pair (2) Robmar 'SAF' series fenders.

Each individual fender is mounted with two (2) straight, steel tubes, one (1) on the front side of the fender and one (1) on the back.

Each steel tube will be bolted onto the frame of the truck with a mounting bolt.

Two (2) nylon hangers will slide onto each tube, which secure the fenders to the tube.

There will be a total of four (4) hangers securing each fender.

The fenders are secured to the hangers with the elevator bolts, connecting them together using the elevator washers and locking nuts with washers.

**Preparing for Installation:**

If your truck has an air suspension, begin by dumping all of the air.

It's important to note that when you load up your truck (e.g. with a trailer), the added weight may cause the truck to sit lower than normal, thus decreasing the space between the tires and fenders.

Maintaining proper spacing between your truck's tires and your fenders is essential for preventing damage. There needs to be a minimum of 1.5" of free space at all times.

You need to know how low your truck will sit when it's under the maximum load with all of the air released (if applicable.) It is best to install the fenders when your truck is under these conditions to ensure that your fenders won't make contact with your tires.

If that is not possible, you need to leave plenty of extra space between the tires to prevent contact. Then, when your truck is under the maximum load with the air released (if applicable) you can adjust your fenders down to the minimum 1.5" gap.

Always inspect your fenders and tires after putting a new load on your truck to ensure proper spacing is maintained.

Fenders that have been worn/damaged by tires are not covered under warranty!

## Installation Instructions:

An easy way to set your fenders to the 1.5" minimum spacing is to use a 2x6" board

Lay the 2x6 board on top of your tire and then place the fender on top of the board. After the fender is resting on the board, even it up with the body of your truck. The 2x6 works best in this situation because it prevents the fender from teetering back and forth.

1. Slide 2 hangers onto each of the steel tubes, but don't tighten them.
2. Hold one of the tubes up to the frame of your truck to locate a hole that will be ideal for mounting. (You may need to drill a new hole if there isn't a suitable location)
3. Bolt the tube onto the frame hole that you have selected. Make sure to tighten the mounting bolt to 161 ft/lbs of torque. **Over tightening can lead to broken bolts.**
4. Slide the hangers along the tube so that they are positioned directly over the middle of one of the fender ribs.
5. Use a pencil to mark a point on top of the fender, lined up with the center of the hole on each side of the hanger.
6. Drill your mounting holes in the fender at the points that you have marked in pencil.

*The fender is secured to the hanger with an elevator bolt on each side.*

7. Begin by pushing an elevator bolt through the square elevator washer.

*The elevator washer will be positioned underneath the fender, while the elevator bolt will go through the fender and the hole in the nylon hanger on top of the fender.*

8. Secure the other end of the elevator bolt that's coming through the hanger with a small washer and locking nut.
9. Secure the hangers to the tube by tightening the set screw. *Please note:*

### **AVOID OVER TIGHTENING THE SET SCREW!**

**Tighten set screw only ½ turn passed the point of separation between the top of the tube and the hanger. Going further will cause damage to the hanger.**

10. Repeat this process for all tubes, until your fenders are properly secured to the truck.