

Installation Guide MH-FT50



This kit includes:



Straight, Powder-Coated, Steel Tube x 4



Center Bracket Assembly x 2



Tube Mounting Bolt w/ Washer x 4



Tube End Caps x 8



Nylon Hanger x 8



Locking Nut w/ Washer x 16



Elevator Bolt w/ Washer x 16



Swing Arm w/ Mounting Assembly x 2



Connector Plate x 4



SpinLock Bolt w/ Flange Nut x 8

> 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.

The Basics:

Your MH-FT50 kit will mount one set (4) Robmar 'FTF' series fenders.

Two fenders are secured back-to-back, using the connector plates, to make the full tandem setup complete on each side of the truck.

Each fender is mounted to the frame of the truck by one steel tube and by one Center Bracket Assembly that's shared by both fenders near the middle of the two.

Both Center Bracket Assemblies are mounted to the frame with a swing arm and its mounting assembly.

The fenders are secured to the Center Bracket Assembly by the SpinLock bolts and flange nuts that come pre-assembled into the Center Bracket.

Each steel tube will be bolted onto the frame of the truck with a mounting bolt. Two nylon hangers will slide onto each tube, which secure the fenders to the tube.

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. A flat level surface is strongly advised for the installation process.

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:

Start by choosing which side the Center Bracket Assembly will be installed. (The front facing or back facing fender.) The Center Bracket Assembly can be installed on either side. You can decide based on mounting hole availability of your specific truck. The assembly should be close to where the two fenders will meet, while leaving enough room to install the Connector Plates. Start the installation with the fender on the side you choose to mount the Center Bracket.

An easy way to set your fenders to the 1.5" minimum spacing is to use a 2x6" board. The width of the 2x6 will prevent the fender from teetering back and forth.

1. Place your 2x6" spacer on the tire of the side you have decided to start, then put the fender on top of the spacer. Even up the fender with the frame of your truck.
2. Remove the bolts and nuts from the top of the Center Bracket Assembly – set them aside for later. Hold the Center Bracket Assembly up to the frame and locate an appropriate hole to mount the Swing Arm, which the Center Bracket Assembly will connect to. (You may need to drill a hole if there isn't a suitable location.)
3. Mount the Swing Arm with its mounting assembly. Add or remove the included circular, plastic spacers to get the desired fit. Loosely connect the Center Bracket Assembly and adjust it to the approximate final height. Ensure that the fender is level. (Don't tighten fasteners any more than necessary at this point. The U-Bolts will quickly get a strong grip and they can be difficult to loosen.)
4. Begin setting up the joining fender: Put a spacer on top of the next tire and place the a fender on top. Even this fender up with the body of the truck and line it up with the first fender so they are back to back. (A pair of standard clamps will be very helpful on the next step.)
5. Place one Connector Plate on the under-side of one of the fenders (the Connector Plate is positioned with the 'nubs' facing upward.) Use your clamps to hold together the two fenders and the Connector Plate.
6. Using the Connector Plate as a guide, drill the holes through both fenders. To secure the fenders together, place another Connector Plate on the opposing side and install the SpinLock Bolts with Flange Nuts. (You will have a Connector Plate on each side, with the two fender backs pressed together in the middle.)
7. You need to drill four holes through the fender, to mount it to the Center Bracket Assembly. Drill your holes through the underside of the fender by using the existing holes in the top of the Center Bracket as a guide. Then, re-install the bolts and nuts you previously set aside to secure the Center Bracket Assembly and fender together.

Now you will be installing the straight tube, which will secure the rounded side of the fender to the frame of the truck.

8. Begin by sliding 2 hangers onto the tube – but don't tighten them.
9. Hold the tube up to the frame of the 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.)
10. Bolt the tube onto the frame hole that you have selected, but don't tighten it all the way (so that the tube can be swiveled for final adjustment.)
11. Slide the hangers along the tube so that they are positioned directly over the middle of one of the fender ribs.
12. Use a pencil to mark points on top of the fender, lined up with the center of the hole on each side of the hanger. Drill holes in the fender at the points that you have marked. (The fender is secured to the hanger with an elevator bolt on each side.)
13. Start 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.)
14. Secure the other end of the elevator bolt that's coming through the hanger with a small washer and locking nut.
15. 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.

Repeat steps 8 through 15 to install the tube on the connecting fender.

Ensure that your fenders are all level and even with the truck. Double check to make sure that you have at least 1.5" of spacing between the tires and fenders.

Repeat steps 1 through 15 to install the other fender pair on opposite side of the truck.

The final step is to tighten all of the fasteners to secure everything in proper placement.

Always double-check your fender spacing when putting a new load onto your truck