



**LEAVE YOUR MARK  
ON THE WORLD  
NOT YOUR FLOOR.**

MINIMIZER FLOOR MATS

- **TESTED AND TORTURED™** •  
DAILY BY TRUCKERS FOR TRUCKERS



#### WARRANTY

Minimizer Floor Mats are backed by a Lifetime Manufacturer's Warranty and are guaranteed against flaws due to faulty materials and/or unintended production variations. This warranty extends only to the original purchaser and excludes damage caused by abnormal use or conditions, including but not limited to extreme abrasive conditions and/or excessive exposure to chemicals such as bleach, gasoline and other fuels.

**Disclaimer:** Minimizer custom molded floor mats are not Freightliner, Western Star, and Sterling goods and **FREIGHTLINER, WESTERN STAR, and STERLING** are federally registered marks of Daimler Trucks North America.



**Minimizer®**

MINIMIZER PRODUCTS  
• **TESTED AND TORTURED™** •  
DAILY BY TRUCKERS FOR TRUCKERS

Since inventing the poly fender back in 1984, Minimizer™ has grown from a one-product company into the leader in heavy duty aftermarket parts. Boasting an array of Tested & Tortured™ products, from Custom Molded Floor Mats to the Long Haul Series™ Truck Seat and Mattress, our goal is to #RespectTheDriver. We do this by stamping premium products with our standard Lifetime Warranty. The Minimizer logo means it is built to last, and sends a very clear message to your customers and competitors that you're well-equipped to handle even the harshest conditions in one of the toughest industries.



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## IMPORTANT SAFETY INFORMATION READ BEFORE INSTALLING OR USING MINIMIZER FLOOR MATS

Floor Mat Kit FKFRTL1B is compatible with the following truck models equipped with a full width bench seat. FKFRTL1B is also compatible with a National brand driver seat with suspension base shown in Figure 1:

- Freightliner M2 106 2003-2020
- Freightliner M2 112 2003-2020\*
- Freightliner 108SD 2013-2020\*
- Freightliner 114SD 2013-2020\*

Floor Mat Kit FKFRTL2B is compatible with the following trucks equipped with any driver seat except a full width bench or National brand driver seat with air suspension base:

- Freightliner M2 106 2003-2020
- Freightliner M2 112 2003-2020\*
- Freightliner 108SD 2013-2020\*
- Freightliner 114SD 2013-2020\*

#### Installation Notes for Kits FKFRTL1B & FKFRTL2B:

- 1) \*Denotes that hand trimming is required. Follow installation steps 1-22 for specific guidelines.
- 2) If the truck is equipped with a full width bench or two man bench seat hand trimming of the passenger mat is required.

#### Safety Instructions for Installation

- Use only with the specified vehicle make, model and year.
- Do not install on top of other floor mats.
- Install each floor mat with the Minimizer logo facing up.
- Use each floor mat only in its proper location in the vehicle.
- Install and use a retention hook for the driver side floor mat.
- Make sure that the floor mats fit properly in your vehicle floor space.
- Do not place additional floor mats on top of the Minimizer floor mats.
- Carefully follow each of the Installation Instructions for Minimizer Floor Mats on the following pages.

#### Safety Instructions for Vehicle Operation

- Before starting or operating the vehicle, verify that the Minimizer floor mats are installed correctly, that the driver side mat is secured by a retention hook, and that the driver side mat does not interfere with the accelerator, brake, or clutch pedal.
- Make sure there are no loose objects in the vehicle that could possibly interfere with the operation of the accelerator, brake, or clutch pedal.
- If your Minimizer floor mat becomes loose, stop the vehicle at the next safe location. Re-install the floor mat properly and securely. If that is not possible, remove the floor mat and place it in a location where it will not interfere with safe operation of the vehicle.
- Inform all drivers of these warnings before allowing them to operate a vehicle equipped with Minimizer floor mats.

If you have questions about these instructions or proper installation of your Minimizer floor mats, please contact Minimizer at (800) 248-3855.

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**Minimizer®**

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Minimizer floor mats are specifically designed for certain vehicles and may be used safely only with those vehicles. VERIFY THAT THE MAKE, MODEL, AND YEAR OF THE VEHICLE IN WHICH YOU ARE INSTALLING THE FLOOR MATS IS IDENTIFIED ON PAGE 1 AS BEING COMPATIBLE WITH THE MINIMIZER FLOOR MATS YOU HAVE SELECTED.

**FREIGHTLINER M2 FLOOR MAT KIT SPECIFICATIONS:**

Figure 1 - National Driver Seat with Suspension Base



- Contents of floor mat kit # FKFR11B are shown below in Figure 2.

Figure 2 - Kit FKFR11B Contents



- Contents of floor mat kit # FKFR12B are shown below in Figure 3.

Figure 3 - Kit FKFR12B Contents



**INSTALLATION INSTRUCTIONS**

1. Remove other floor mats from the vehicle before installing Minimizer floor mats.
2. Install the Minimizer floor mats right side up, with the Minimizer logo visible.
3. Each Minimizer floor mat is contoured to fit a particular location in the vehicle and may be used safely only in that location.
4. The Minimizer floor mat package contains one driver mat and one passenger mat.
5. Lift up the rear edge of the throttle pedal and position the driver mat in the truck as shown in Figure 4. The driver mat must be pushed all the way forward so the front lip is making full contact with the dashboard trim panels.

Figure 4 - Driver Mat in Position



a) For Freightliner models M2 112, 108SD and 114SD a small portion of the right side of the driver mat must be trimmed away in order to fit safely around the dog house trim panel. There is a raised rib molded into the driver mat to contain liquid and act as a trim guide. See the red shaded area in Figure 5 to identify the portion to trim.

b) Use a sharp utility knife to trim along the outside edge of the rib (shaded in yellow) preserving the rib for liquid containment.

Figure 5 - Driver Mat Trimming Diagram



6. Inside the package with the installation instructions, locate a black plastic retention hook as well as a white tube of Primer 94 as shown in Figure 6.

Figure 6 - Hook and Primer 94



7. Insert the hook up through the hole at the right rear corner of the driver side floor mat. The hook should fit flush with the underside of the floor mat.

8. Mark the approximate position where the hook will need to be attached to the floor with a finger. Figure 7 shows the properly positioned driver mat and hook. Once the position is located, remove the driver mat from the truck.

Figure 7 - Retention Hook Position



9. Unpack the tube of Primer 94 and read the safety precautions printed on the tube.

10. Activate the tube of Primer 94 by crushing the tube at the black dot.

11. Clean all dirt or debris off the truck floor and apply Primer 94 to the truck floor area where the hook will be attached.

12. Allow the Primer 94 to dry on the truck floor for five minutes.

13. Install the driver mat in the truck with the hook inserted. Next, peel away the paper backing from the hook.

14. While holding onto neck of the hook, lower the driver mat into position and stick the hook to the floor. Apply firm pressure to the hook as shown in Figure 8 for 30 seconds to ensure a proper bond to the rubber floor.

Figure 8 - Apply Pressure to Hook



15. For optimal adhesion do not disturb the hook for a period of 20 minutes after installation.

16. Pull the driver mat toward the front of the truck to confirm that the hook is fully engaged into the mat and that the hook is adhered to the floor. If the hook is not functioning properly or the mat cannot be securely installed, do not use a Minimizer floor mat on the driver side of the vehicle.

17. FAILURE TO PROPERLY INSTALL THE RETENTION HOOK FOR THE DRIVER SIDE FLOOR MAT MAY ALLOW THE MAT TO SHIFT, WHICH MAY INTERFERE WITH PROPER FUNCTIONING OF THE VEHICLE'S PEDALS, POTENTIALLY RESULTING IN LOSS OF CONTROL OF THE VEHICLE AND SERIOUS INJURY OR DEATH.

18. For Freightliner models M2 112, 108SD and 114SD a small portion of the left side of the passenger mat will need to be trimmed away for the mat to fit properly around the dog house trim panel. The area to trim is shaded green in Figure 9. There is a raised rib (shaded in yellow) to contain liquid and act as a trim guide.

Figure 9 - Passenger Mat Trimming Diagram



Use a sharp utility knife as shown in Figure 10 to trim along the outside edge of the rib preserving the rib for liquid containment.

Figure 10 - Trimming Along Rib



19. The passenger floor mat is designed to accommodate fixed seats, bench seats and suspension seats. For trucks equipped with a partial or full width bench seat the rear portion of the passenger mat will need to be trimmed. The area to trim is shaded in red on Figure 9 and a raised trim line (shaded yellow) has been provided to use as a guide. Figure 11 below shows the fit of the passenger mat when properly trimmed to for a bench seat.

Figure 11 - Passenger Mat with Bench Seat



20. Move the accelerator, brake, and clutch pedals through their full range of motion to confirm there is no interference with the Minimizer floor mat.

21. Prior to operating the vehicle, read the Safety Instructions for Vehicle Operation.

22. FAILURE TO CORRECTLY INSTALL AND USE YOUR MINIMIZER FLOOR MATS ACCORDING TO THE INSTRUCTIONS ABOVE COULD PREVENT PROPER FUNCTIONING OF THE VEHICLE'S PEDALS, POTENTIALLY RESULTING IN LOSS OF CONTROL OF THE VEHICLE AND SERIOUS INJURY OR DEATH.

