

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

MINIMIZER FLOOR MATS

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

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.



500 Minimizer Way, Blooming Prairie, MN 55917  
800.248.3855 • Fax: 507.583.7540  
www.minimizer.com

## IMPORTANT SAFETY INFORMATION

### READ BEFORE INSTALLING OR USING MINIMIZER FLOOR MATS

**FKSTAR4B, FKSTAR5B, FKSTAR6B ARE COMPATIBLE WITH THE FOLLOWING WESTERN STAR MODELS:**

- Floor Mat Kit FKSTAR4B is compatible with Western Star model 4700 Equipped with a Cummins Engine and driver side electrical tray – 2012-2016
- Floor Mat Kit FKSTAR5B is compatible with Western Star model 4700 equipped with the DD13 Engine and driver side electrical tray – 2012-2016
- Floor Mat Kit FKSTAR6B is compatible with Western Star model 4700 Equipped with a Cummins Engine and **NO** driver side electrical tray – 2012-2016\*

\*Also compatible with Western Star model 4800 – 2012-2016

\*\*Not compatible with 2016 trucks equipped with firewall mounted throttle pedal.

#### 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.

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.**

**Minimizer®**

Item # 103545

April 2019

## WESTERN STAR FLOOR MAT KIT SPECIFICATIONS:

• Kit FKSTAR4B shown in Figure 1 is compatible with 2012-2016 Western Star Model 4700 equipped with a Cummins Engine and driver side electrical tray. Refer to Figure 4 to identify the driver side electrical tray.

Figure 1 - FKSTAR4B Contents



• Kit FKSTAR5B shown in Figure 2 is compatible with 2012-2016 Western Star Model 4700 equipped with the DD13 Engine and a driver side electrical tray. Refer to Figure 4 to identify the driver side electrical tray.

Figure 2 - FKSTAR5B Contents



• Kit FKSTAR6B shown in Figure 3 is compatible with 2012-2016 Western Star model 4700 equipped with a Cummins engine with no driver side electrical tray. Refer to Figure 4 to identify the driver side electrical tray.

\*This kit is also compatible with 2012-2016 Western Star model 4800.

Figure 3 - FKSTAR3B Contents



Figure 4 - Driver Side Electrical Tray



## 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 side mat and one passenger side mat.
5. Position the driver mat in the truck as shown in Figure 5. The driver mat must be pushed all the way forward so the front lip is making full contact with the doghouse trim panel and fire wall.

Figure 5 - Driver Mat In Position



Figure 6 - Large OEM Seat Base



**Notes:** The driver mat is designed to fit several common OEM seat bases. Trucks that are equipped with a large seat base as shown in Figure 6, require hand trimming at the time of installation. Some other aftermarket seats may also require hand trimming for proper fit. There is a raised rib molded into the driver mat to use as a trim guide. Use a sharp utility knife to trim the mat as shown in Figure 7.

Figure 7 - Driver Mat Trimming Diagram



6. Inside the package with the installation instructions, locate two black plastic retention hooks and a white tube of Primer 94 as shown in Figure 8.

Figure 8 - Hook and Primer 94



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

8. Once the hook is in place, let the driver mat and hook rest on the floor as shown in Figure 9. Next, confirm that the mat is not interfering with foot pedals and verify it is making proper contact with the surfaces surrounding the floor.

Figure 9 - Driver Mat Hook in Position



Mark the approximate position where the hook needs to be attached to the floor. Once the position is located, remove the driver mat from the truck.

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 10 for 30 seconds to ensure a proper bond to the rubber floor.

Figure 10 - Apply Pressure to Hook



15. Position the passenger floor mat in the truck. Make sure the passenger mat is pushed all the way forward so the outside lip makes full contact with the doghouse trim panel and fire wall as shown in Figure 11.

Figure 11 - Passenger Mat In Position



**Note:** The passenger floor mat is designed to accommodate both fixed seats and suspension seats. Trucks that are equipped with a fixed

base passenger seat as shown in Figure 12 will need to be hand trimmed prior to installation. Aftermarket seats may also require hand trimming. There are two raised ribs molded into the passenger mat to act as trim guides. To confirm which line to trim along test fit the mat against the seat base. Use a sharp utility knife to trim along the outside edge of the rib. Preserve the rib for liquid containment.

Figure 12 - Fixed Base Passenger Seat with Trimmed Mat



16. Use the same process listed in steps 7-14 above to attach the passenger mat retention hook to the floor.

17. Confirm that the retention hook is fully engaged into the driver mat and that the hook is adhered to the floor. If the driver mat retention 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.

**18. 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.**

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

20. Confirm that the hook is fully engaged into the passenger mat and that the hook is adhered to the floor.

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.**

