

Cost saving for grain transport

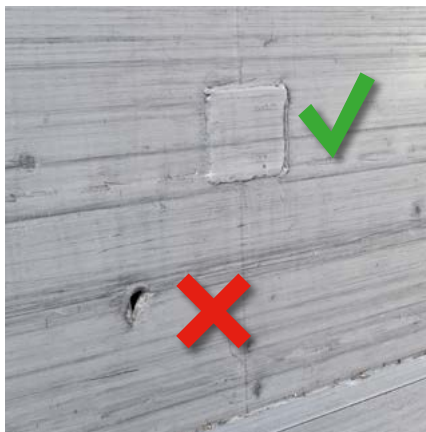
Drivers regularly responsible for transporting grain are fully aware that this type of cargo requires special attention for example to prevent grain leaking from the trailer. You also want to prevent grain finding its way beneath the floor planks where it may cause damage to the trailer. In the context of Lowest Cost of Ownership, the specialists at Knapen Trailers are pleased to provide a series of handy tips for preventing unnecessary costs for your moving floor trailer:



Tip 1

Preventing grain escaping into the trailer wall

Because you are always focused on food safety, you understand better than anyone the importance of a well-cleaned floor and clean walls, before the grain is loaded. Also always check the walls for damage. There is a risk that grain will pass into the hollow trailer wall through any damaged areas, and once inside the wall, the grain can never be removed. In combination with moisture, the lost grain can then germinate in the hollow trailer wall and even result in damage to the paint finish, with all the related costs.



Paint damage caused by damage to the inside walls

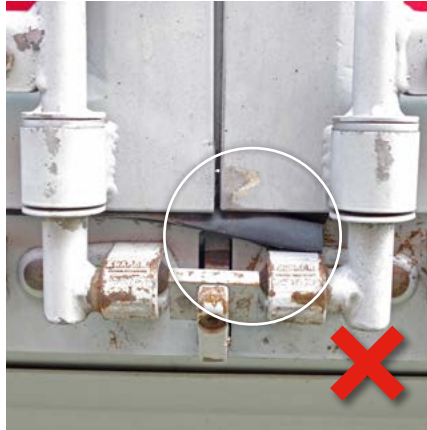
[Drivers' tip 9](#) gives a clear description on how to keep your moving floor trailer clean.



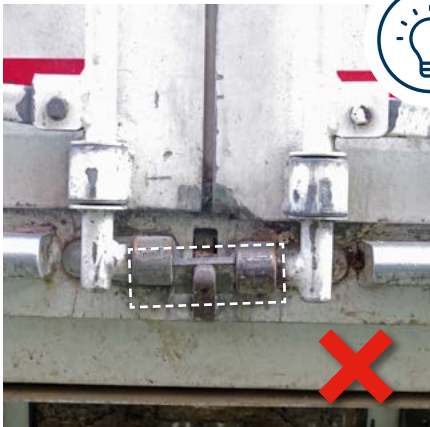
Tip 2

Prevent grain leaking into the gaps between the rear doors

It is common for grain to leak between the gaps in the rear doors. To prevent this, your moving floor trailer is equipped with twin-sealed door rubbers. It is essential that you regularly check the condition of the door rubbers. Always take immediate action if the door rubbers are soiled, if they are not correctly positioned or if they show signs of wear. The best way to check the seal is to enter the trailer during good daylight conditions. Instruct a colleague to briefly close the doors. Once the doors have been closed, any gaps will become visible. If worn, replacing the door rubbers is a task you can easily carry out, yourself.



Tip 3 Check the rear door lock



When stood in the trailer, can you still see daylight through the gaps, despite the door rubbers being in good condition? Check the rear door locking device. There may be excess play. During the inspection, also check the condition of the retainer plate. A trailer full of grain exerts considerable pressure on the rear doors. In this situation, a perfectly functioning pneumatic door locking system is particularly important with a cargo of this kind, especially if you are unloading into a silo.

[Drivers'tip 16](#) explains how to inspect the pneumatic rear door locking.



Tip 4

Are the floor planks flat and level?

If the wear plate at the back of the trailer is worn, or if a floor plank is damaged, grain can make its way between the floor planks and the wear plate. As a result, floor planks will be forced (ever further) upwards. A broken end cap can lead to a similar result. Therefore always regularly check the condition of the end caps and wear plates, to avoid unnecessary costs.





Tip 5

Make sure that the floor sheet and the scrapers of the moving bulkhead are in perfect condition

This will help prevent cargo residues being left behind in your trailer, following unloading. Always regularly check that the scrapers on both sides of the moving bulkhead and the floor sheet are undamaged, and come into close contact, so that no grain is left behind. Unnecessary cargo residue leads to much additional sweeping. If the scrapers or the floor sheet are no longer in perfect condition, you can easily replace them, yourself.



Tip 6 Are there gaps between the floor planks and side profiles?

Regularly check for gaps between the floor planks and side profiles. If this is the case, grain will remain between the floor planks and side profiles. As you use your trailer, these gaps may well become wider, with all the resultant problems and additional costs. Have you seen gaps appearing? Immediately contact your Knapen service partner to solve the problem.



Tip 7

Avoid leaks via the lashing hooks.

Is your trailer fitted with lashing hooks? Make sure that the lashing hooks themselves are fitted with sealing rings. This is an easy way to prevent unnecessary leaks!





Tip 8

Prevent the grain being wettened by rainwater

You of course understand perfectly how important it is that the grain is not wettened by rainwater, and you always correctly close the roof sheet, so that it is waterproof. Also regularly check the roof sheet for damage and tears. You can easily repair minor damage yourself, using the sheet repair tape. This is available via your dealer or service partner. You can also read more details in [drivers'tip 18](#) preventing damage to the roof sheet.



Tip 9 Blow the top rail clean to prevent dust build-up

The build-up of dust and sometimes of other material during the unloading of grain means that the top rail becomes more quickly soiled when carrying grain than other cargos. Remember to regularly blow clean the top rail to ensure that the rollers of the moving bulkhead run smoothly in the top rails. For the best way to keep the top rails clean, read [drivers'tip 3](#)

If following your trip carrying grain, you must then carry products of another kind, such as compost for example, you will understand that it is essential that you first make sure your trailer is perfectly clean. Grain easily becomes mixed with a new cargo, with all the undesirable consequences.

SPARE PARTS

To order spare parts, please contact your [dealer](#) or [service partner](#)



BDIC027001
Moving bulkhead sheet green



BDIC031002
Rear door rubber



BDIC027003
PVC strip green 160mm L=2500



30146558
Sealing rings lashing hooks

Tip: Print the drivers' tip and post it for your colleagues in the company cafeteria.

Are you a driver on a moving floor vehicle and do you have a useful tip for your colleagues? Send your tip to marketing@knapen-trailers.nl and we may include it in the next newsletter.

Register via www.knapen-trailers.eu/newsletter and receive all the latest tips in your mailbox, free of charge.