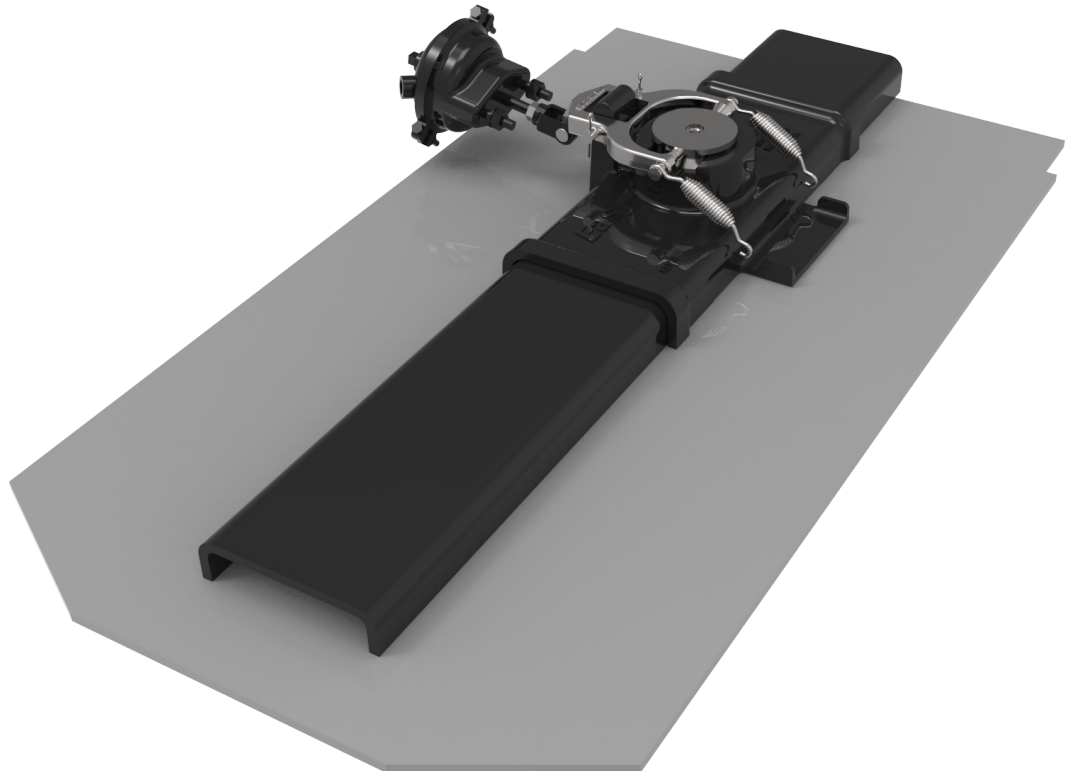


LINK[®] Specialty Products

MAINTENANCE INSTRUCTIONS

EASY SLIDER SYSTEM 32" - 80" SLIDING KINGPIN SYSTEM



Link Mfg. Ltd.
223 15th St. N.E.
Sioux Center, IA USA
51250-2120
www.linkmfg.com

**QUESTIONS?
CALL CUSTOMER
SERVICE
1-800-222-6283**

MAINTENANCE

At every regularly scheduled trailer service, or at a maximum of 250 hours, perform the following maintenance checks:

1. Apply grease to the lock pin grease zerk
 - a. You cannot over grease the lock pin. Failure to grease the lockpin will result in lockpin seizure. Visually inspect the king pin for wear
 - b. The king pin wear tolerance is as per SAE J2228. The leading face of the king pin at the bolster plate height should also be examined for excess grooving and wear.
2. Visually inspect that the lock pin drops fully down to engage bolster plate.
3. Activate the lock pin to ensure that the easy slider operates properly.
4. Cycle the lock pin up and down. Listen for any air system leaks.

At yearly commercial vehicle inspection intervals perform the following maintenance checks:

1. Review the trailer per CVIP requirements which includes evaluating the wear and movement of the Easy Slider king pin assembly
 - a. If any excessive motion or wear is identified on the kingpin assembly, refer to the Link Mfg. Easy Slider Wear Guide for details on how to proceed. For immediate assistance contact Link Mfg. customer service: 800-222-6283 toll-free | 712-722-4874 phone.
2. Complete all regularly scheduled maintenance checks listed above.

SERVICE

Replacing a kingpin slide bar assembly

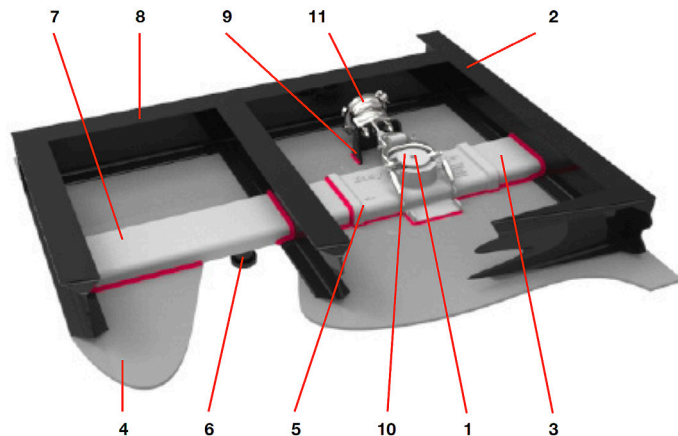
Follow these steps when the kingpin slide bar assembly is worn out and needs to be replaced:

1. Check that the Easy Slider is accessible from the floor of the trailer. You will need access to the easy slider casting and channels.
2. Using a grinder with a cut off wheel, remove the weld around the Easy Slider Casting until you can remove the Easy Slider Housing (Item 5, Fig. 1) from the bolster plate. Set casting aside.
3. Using a grinder with a cut off wheel, remove the weld around the rear channel weldment (Item 3, Figure 1). Completely remove the channel weldment from the bolster plate and set it aside.
4. Remove the worn king pin slide bar assembly from the bolster plate. Inspect the bolster plate for debris and if necessary remove any debris present. Check the bolster plate for excess wear. If the bolster plate integrity has been compromised contact your Easy Slider dealer.
5. Apply grease liberally to the new king pin slide bar assembly and place it on the bolster plate in its normal functioning position.
6. Place the original casting back on top of the king pin bar assembly, mating it with the forward channel weldment that is still welded to the bolster plate.
7. Place the original rear channel weldment into place mating it up with the original casting.
8. With both the casting and rear channel in place make sure that the lock pin is free and can drop in to all slots on the sliding king pin assembly.
9. Tack-weld the rear channel weldment and the casting into place.
10. Recheck that the lock pin is free and can drop in to all slots on the sliding king pin assembly.
11. Finish weld around the rear channel and the casting.

FIGURE 1

INSTALLATION WELDING DIAGRAM

1. Grease Zerk
2. Trailer Crossmember
3. Rear Channel
4. Bolster Plate
5. Easy Slider Housing
6. King Pin
7. Forward Channel
8. Trailer Rail
9. Air Chamber Mounting Bracket
10. Lock Pin
11. Air Pot



WELD SEQUENCE

1. Trailer crossmembers and trailer rails to bolster plate.
2. Trailer crossmembers to channels.
3. Channels and easy slider housing to bolster plate.
4. Air chamber mounting bracket to bolster plate.

OPERATION

The Easy Slider allows you to change the kingpin position without having to disconnect the trailer from the fifth wheel or remove the load. To change kingpin position, follow the below instructions.

1. Dynamite the trailer brakes with the trailer loading valve. Remove the air supply from the trailer brake gladhand and connect it to the third (Easy Slider) gladhand.
2. Release the trailer loading valve. This will apply air to the Easy Slider air pot, which will raise the lockpin. The kingpin is now free to slide.
3. Pull the tractor ahead or back until you have reached the desired kingpin position. Apply trailer loading valve to drop the lockpin.
4. Switch the air supply from the third gladhand back to the trailer brake gladhand. Gently pull the tractor ahead or back until you hear/feel the lockpin drop into place.

Dos and Don'ts

The Easy Slider is a well-engineered piece of equipment and can stand up to the rigors of everyday operating conditions. However, there are precautions to take to ensure that premature kingpin wear does not occur.

DO idle the truck ahead or back when changing kingpin positions. Do not slide the kingpin to the end positions too quickly. Changing kingpin position “on the fly” will result in damage to the entire assembly and kingpin. This constitutes abuse and voids the Easy Slider warranty.

DO grease the lockpin regularly. Failure to do so will cause lockpin to seize into place.

DO NOT use a greaseless nylon (or similar) plate on your fifth wheel. Using such a device essentially changes the thickness of the bolster plate and requires the installation of a longer kingpin. Use of such device constitutes misuse and voids Easy Slider warranty.