



OWNER/OPERATOR MANUAL

Advanced Design Inter modal Equipment

* ROLLER MAINTENANCE MANUAL*

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Purpose of this manual

This manual was created to give a better understanding of the new roller system that Pratt has installed on sliding chassis after 2006. We will briefly discuss how to slide the chassis then go into the maintenance procedures of the rollers themselves.

To slide trailer to the extended:

Tractor and trailer must be flat level in straight line with brakes applied on both tractor and trailer. The cotter pin is then removed from slider pin. Next you will disengage the slider pins by pulling the handle straight out then locking it by pulling up on it. The driver then gets into the tractor and releases the brakes off of the tractor. The trailer will then begin to slide as you pull the tractor forward. The trailer will be stopped by the stop mechanism as the trailer reaches full extension, as the pins will engage automatically. The driver will next get out of the tractor and reinsert the cotter pin. The trailer is now ready for use.

To slide the trailer to the retracted:

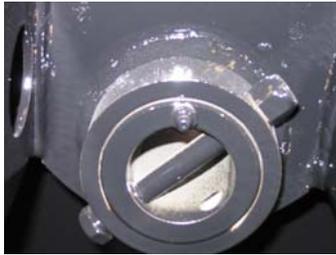
Tractor and trailer must be flat level in straight line with brakes applied on both tractor and trailer. The cotter pin is then removed from slider pin. Next you will disengage the slider pins by pulling the handle straight out then locking it by pulling up on it. The driver then gets into the tractor and releases the brakes off of the tractor. The trailer will then begin to slide as you begin to move the tractor in reverse. The tripper will trip the handle which will engage the slider pins as the trailer fully retracted. The driver will next get out of the tractor and reinsert the cotter pin. The trailer is now ready for use.

2006 model features:

The 2006 Pratt slider models are equipped with a Spring Assist Relief feature. This is a spring that will allow you to disengage the pins if the slider pins are not engaging. This is accomplished by pulling on the handle to its disengaged position and then returning to the tractor and tapping on the brakes until the slider pins are released. After this is accomplished please follow the above directions.

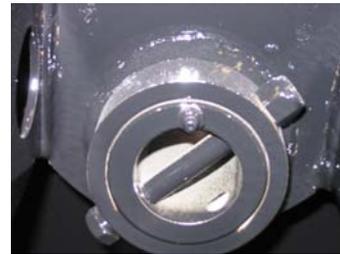
Roller maintenance:

The rollers themselves should be greased from the outer and inner grease zerks at least every 2 weeks and should not exceed 4 weeks. If the rollers are not greased within the time period the roller will wear prematurely. Please see examples below of typical grease points.



Roller axles:

If the roller axles became flat or worn on the bottom side, the axle can be rotated up to 3 times to use each side of the roller axle. This is accomplished by removing the bolt that is holding the roller and roller axle into the trailer and rotating the axle. The axle should then be aligned with the next set of hole that have not been previously used, and the bolt and nut should be replaced.



Removing rollers:

Each set of roller can be replaced from the top of the trailer. This is done by lifting the trailer without a load slightly upwards to remove pressure from the roller. Once the pressure has been relieved, then and only then can the rollers be removed.

