

Needak, Inc.
Needle in a Haystack Durable Toys
4538 White Rock Lane
Burlington, NC 27215

1-800-311-6333
<http://www.DurableToys.com>

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Installation of Wagon Brake:
Applies to Valley Road, Speedway
And Berlin 600 Loadmaster

1. Invert the wagon. Push brake between rear axle braces – if wheels are not yet on the wagon it will be easier. Long handle part goes along the side of the wagon and the two pivoting brackets with holes can be placed flat against the plywood wagon bottom. Put the wheels on the axle if not already on.
2. Center the brake on the wagon bottom and position the assembly and the handle position so that the ends of the metal brake pads are against the plywood bottom. Slide the brake with pads touching the wood until the other sides of the brake pads are ¼” from each tire tread. The alignment of the side handle should be so that it just clears the plywood wagon bottom by about ¼”. Test fit the side lock as the brake is aligned so that the lock will catch the nub on the end of the handle. Adjust it if needed so that the ¼” clearance at the tires remains.
3. Center the two brackets within their play and mark the holes on the plywood through the mounting brackets. Drill ¼” holes at the four marked positions. Carriage bolt the two brackets with four bolts from the wagon top side.
4. Make sure tires are inflated, and align the side lock to allow enough pressure at the handle to deform the inflated tire. From 3-10 lb. at the handle will put about 10 times as much force on the tires for secure holding.
5. Any questions please call 800-311-6333 or email manager@needak.com . We may also have the wagon maker involved if needed. Thank you.

Wagon Brake Installation

