

Assembly Instructions

KHAM SIN



Bluestreakequipment MAGNETICS
APPLICATION DRIVEN DESIGN

Bluestreak Equipment
1645 Hwy #3, Delhi, Ontario, Canada N4B 2W6

What's On the Pallet



List of items on the pallet:

- 1 pc Khamzin Magnetic Sweeper
- 2 pcs 10" flat proof wheels
- 1 box (containing 4 longer chains and 2 shorter chains and 14 quick clips, 2 aluminum end caps, 2 lynch pins, 2 plastic clips for the quick clean off sleeve, 2 wheel bolts, and the assembly, operating and safety instructions)



Box items - 4 longer chains and 2 shorter chains and 14 quick clips, 2 aluminum end caps, 2 lynch pins, 2 plastic clips for the quick clean off sleeve, 2 wheel bolts and the assembly, operating and safety instructions)



1 pc Khamzin magnetic sweeper (wheel assembly required)

What's NOT On the Pallet

- 1 suspension mounting bracket (if required)

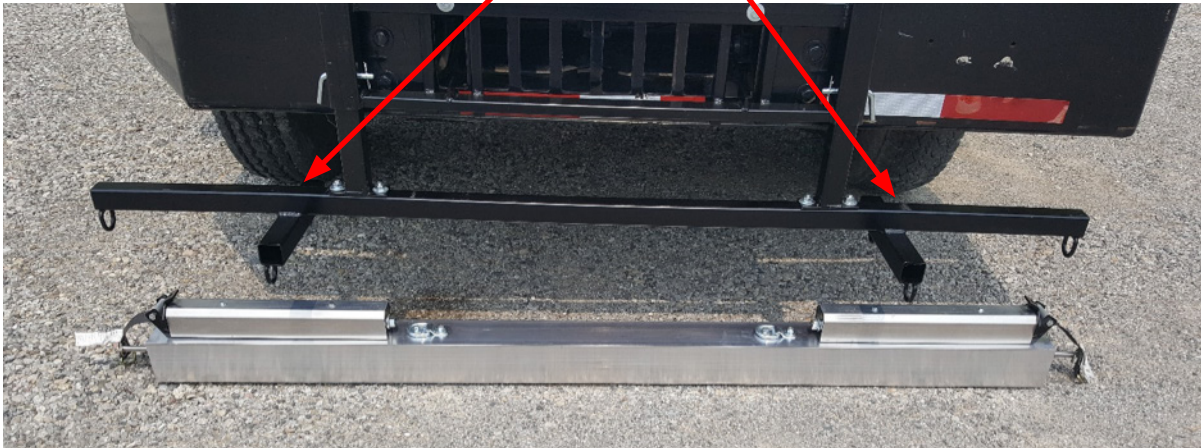
Mounting Requirements

To accommodate mounting the Khamsin to a vehicle it may or may not be necessary for the purchaser to buy one or more of the hanging bracket accessories offered by Bluestreak or to design and build a custom suspension mounting bracket. If the vehicle already has mounting points a special mounting bracket may not be necessary.

If building a suspension mounting bracket it should have mounting points specific to those available on the vehicle so that the bracket can mount to the vehicle.

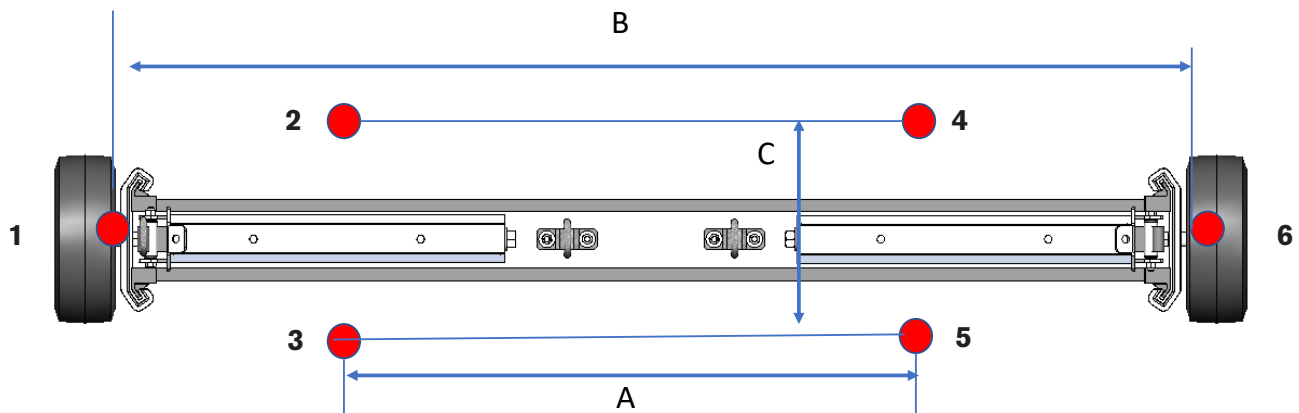
The suspension mounting bracket should also have mounting points specific to the Khamsin. The specifications are given in the next section.

Example of custom suspension mounting bracket.



The Khamsin Mounting Points

The custom suspension mounting bracket should have 6 mounting point locations for the Khamsin. The optimal dimensions between suspension points for each sweeper size are in the table below. These dimensions will provide chain angles that keep the unit in a stable position when operating.



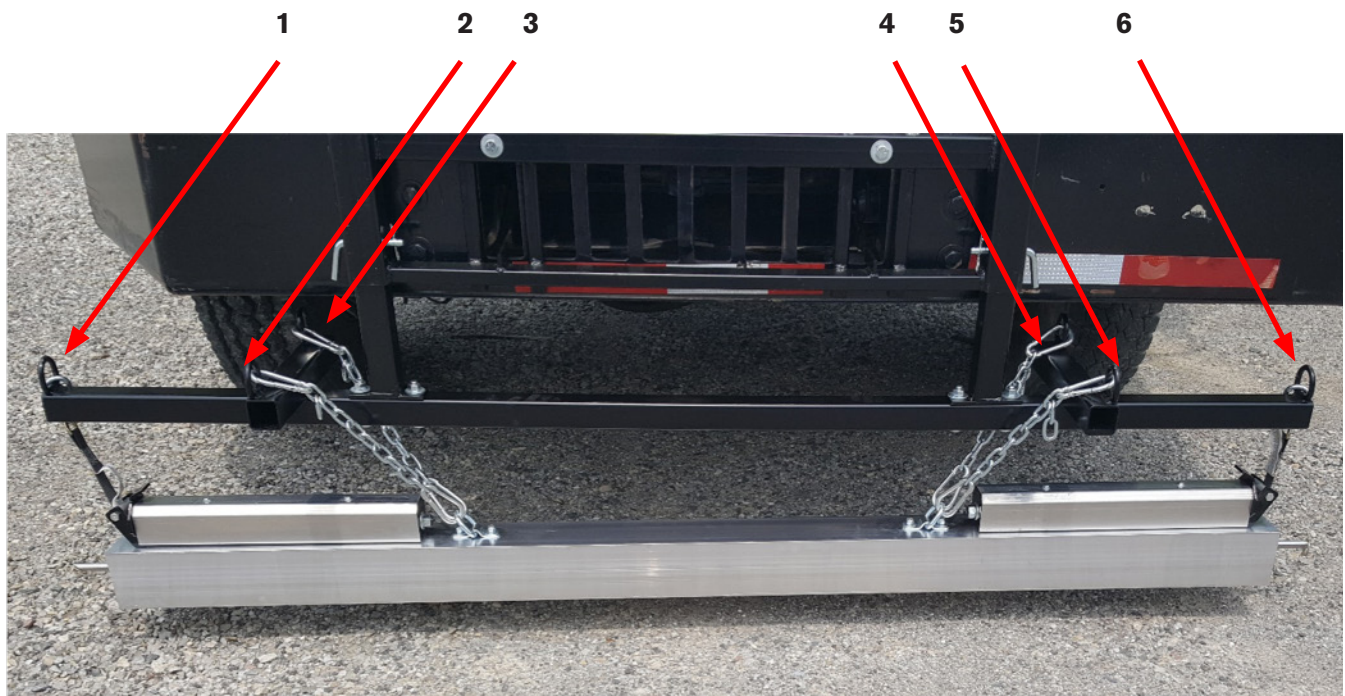
Optimal dimensions between suspension mounting points

Model	Dimension A (inches)	Dimension B (inches)	Dimension C (inches)
Khamsin 62"	22"	62"	12.5"
Khamsin 74"	34"	74"	12.5"
Khamsin 86"	46"	86"	12.5"
Khamsin 98"	58"	98"	12.5"

Suspension Mounting Bracket

Example of suspension mounting bracket

Below is an example of a custom suspension mounting bracket fit to a vehicle with 6 suspension mounting points in optimal locations for the Khamsin.



Attaching the Khamsin

Attaching the Khamsin to the mounting bracket

Note: remove quick clean off sleeve before mounting Khamsin. This will make things easier when you need to install ends caps and wheels.

The Khamsin comes with 6 hanging chains and 14 quick clips. These will be used to attach the Khamsin to the mounting bracket.



Hanging kit chains

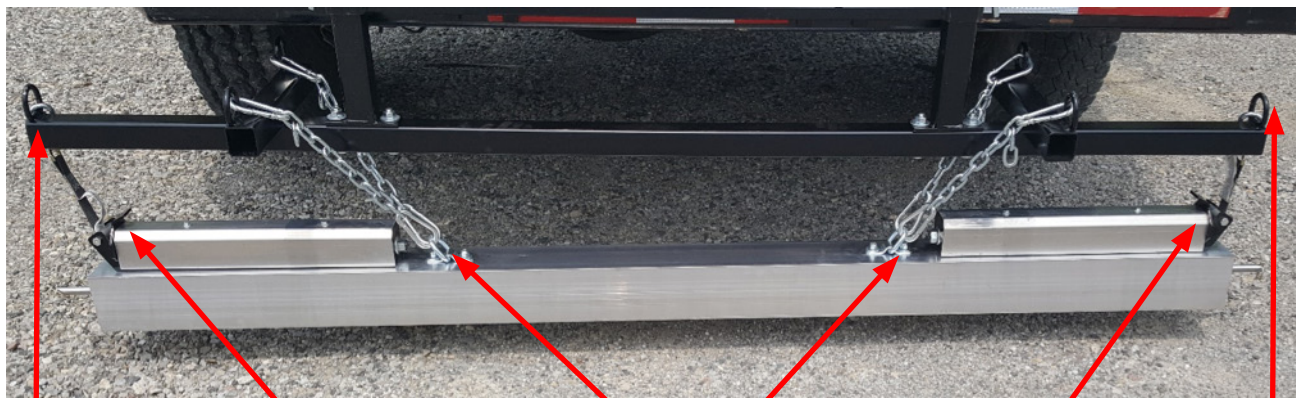
The Khamsin has 6 attachment locations:

- 2 magnet D-ring locations
- 2 optional end point locations
- 2 adjuster strap D-ring locations

Magnet D-ring locations: use the 2 longer chains and quick clips to attach the Khamsin at the D-ring location. Do this 2 times on each D-ring.

Optional end point locations: use the 2 shorter chains and clips to provide further stabilization at the ends of the sweeper.

Adjuster strap D-ring location: use the remaining 2 single quick clips to attach the Khamsin at the adjuster strap D-ring located on both ends of the Khamsin.



Adjuster strap D-ring location

Optional end point locations

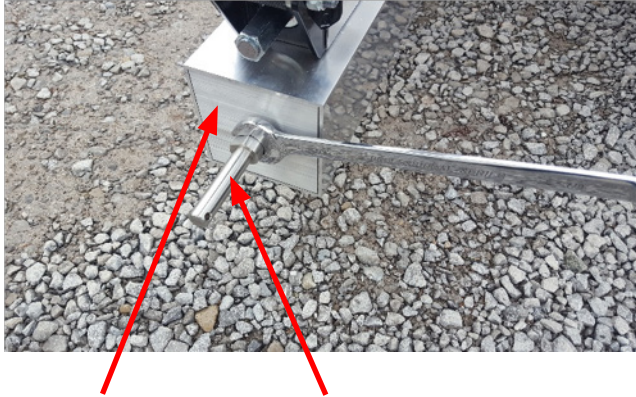
Magnet D-ring location

Optional end point locations

Adjuster strap D-ring location

Installing the End Caps and Wheels

Once you have the Khamsin mounted and the Khamsin magnetic sweeper is no longer touching the ground. You will need to install the aluminum end caps, slide the quick clean off sleeve back on and install the bumper wheels.



Install 1 aluminum end cap and thread in 1 wheel bolt on each end of the Khamsin magnetic sweeper. Then tighten the wheel bolt using a 7/8" wrench.



Slide the quick clean off sleeve over top of the aluminum housing.



Install the plastic clip on each end.



Install the 10" flat proof wheel on the wheel bolt. And insert the lynch pin. Do the same on the other end.

Finished Installation



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