

Assembly Instructions

 **EIGER**

3 x 3 and 4.5 x 4.5




The world's best magnetic cleaning equipment

Bluestreak Equipment
1645 Hwy #3, Delhi
Ontario, Canada
N4B2W6

Step 1



Example shown above is domestic LTL packaging for 4.5" x 4.5" Eiger.



Example shown above is domestic packaging for 3" x 3" Eiger.

- The Eiger requires minor assembly before attaching to your vehicle.
 - Unpackage your Eiger Magnetic Sweeper.



Step 2

Remove small items from the small cardboard box:

A- 2 Aluminum End Caps

B- 2 Wheel Bolts

C- 2 Lynch Pins

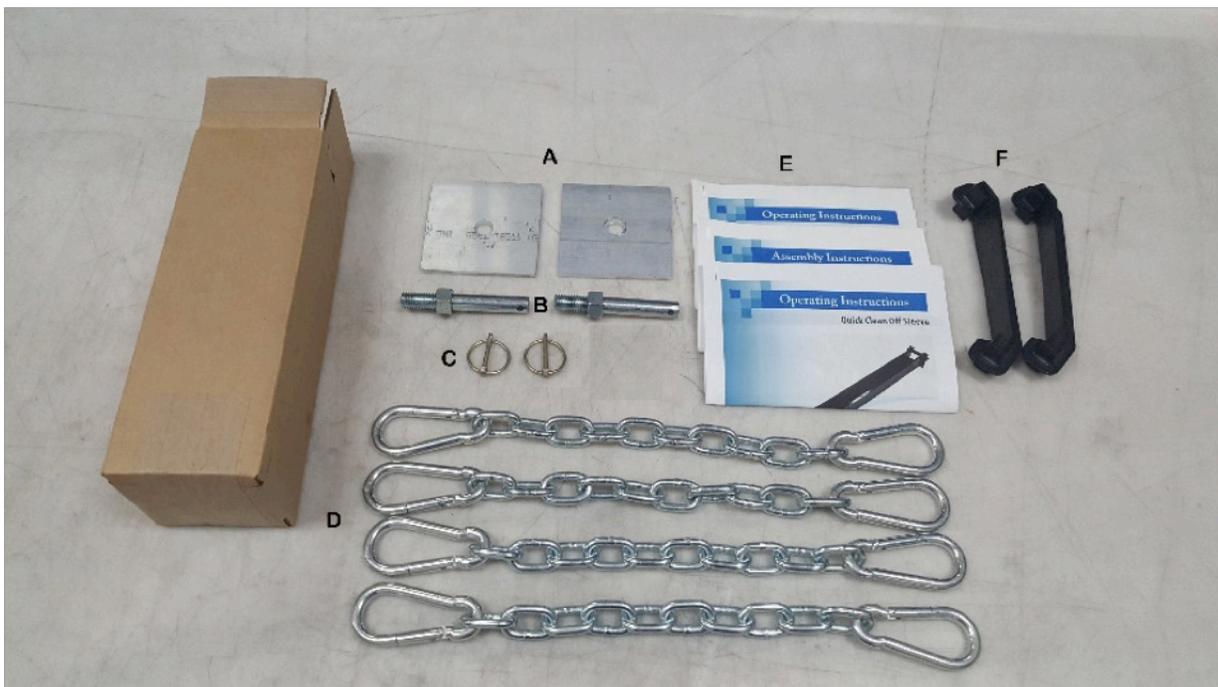
D- 4 Chains and 8 Spring Clips

E - 1 Eiger Operating Instructions

E - 1 Eiger Assembly Instructions

E - 1 Quick Clean Off Sleeve Operating Instructions

F- 2 Black PVC Quick Clean Off Sleeve Clips





Step 3

An Aluminum end cap (Part A from the cardboard box) needs to be installed over top of this internal steel end cap. (shown in next step)



Step 4

Place Aluminum End Cap (Part A) over top of internal steel end cap.



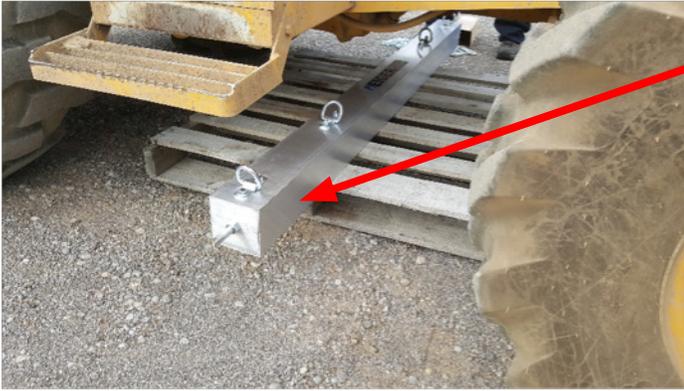
Step 5

Thread a Wheel Bolt (Part B from cardboard box) into Aluminum End Cap.

Tighten Firmly using a 15/16 Wrench.

Repeat steps on opposite Side.

Step 6



Remove the PVC Quick Clean Off Sleeve from the magnetic sweeper and place the aluminum housing of the magnetic sweeper under the vehicle.

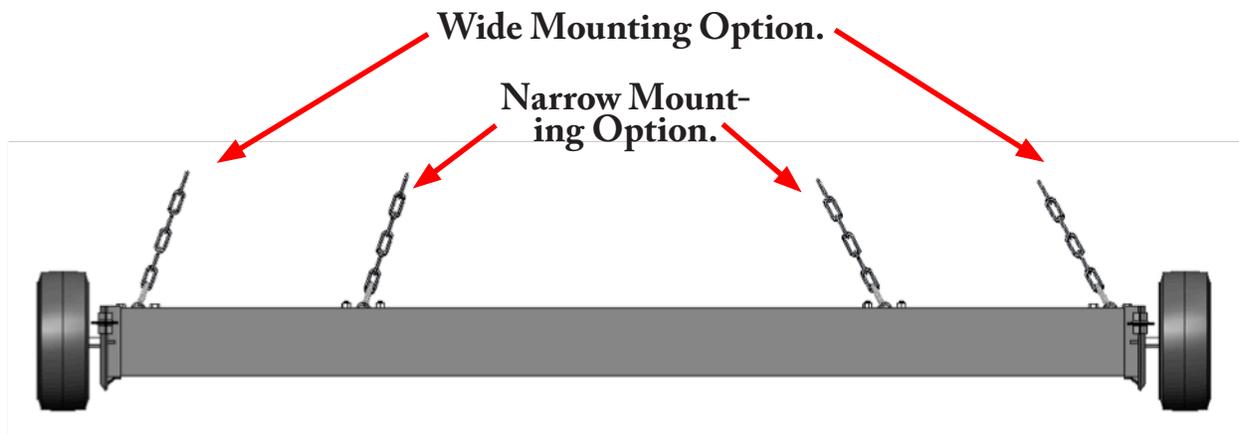
Note: Placing the magnetic sweeper on a pallet in order to help place it close to or partially under the mounting location is helpful.

The pallet can then be pulled further into the correct location under the vehicle.

Step 7

The Eiger can be mounted to your existing vehicle chassis in most situations using the 4 hanging chains and 8 clips which come with the Eiger. Some minor modifications may be required or additional hardware (purchased locally) may be needed.

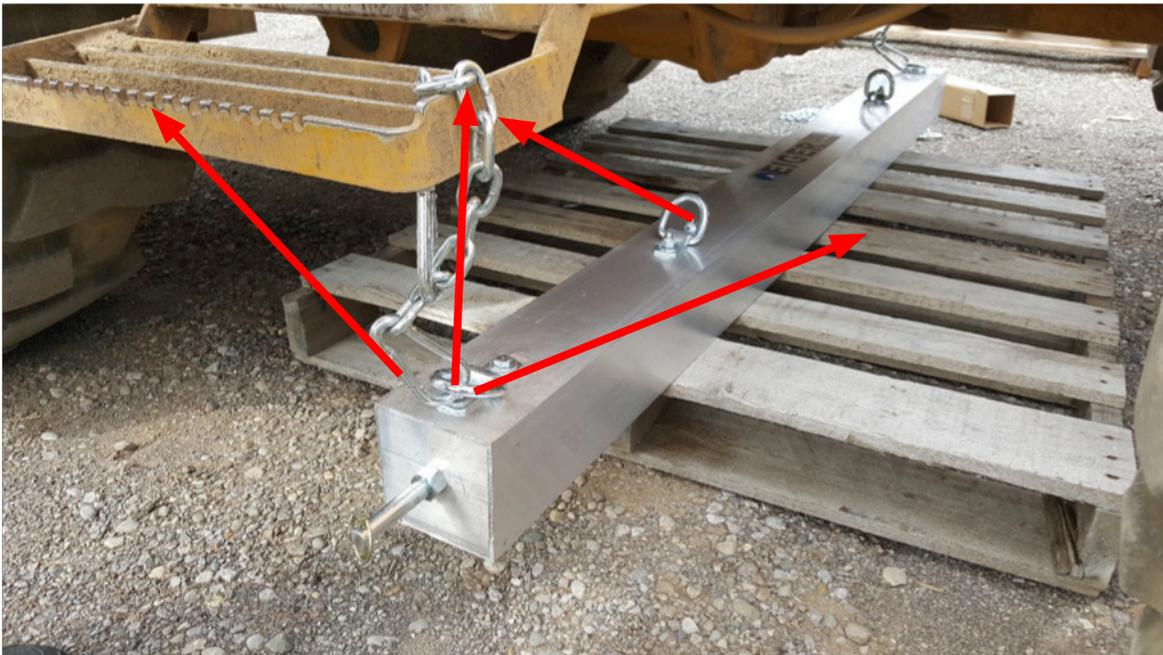
- The Eiger comes standard with 4 D-Rings on the top of the magnet and 4 hanging chains and 8 Clips.
- The 4 D-Ring locations make it easier to attach the Eiger to your vehicle by providing either Narrow or Wide mounting options.
- Select either Narrow or Wide Mounting for your installation. The wide option is typically more stable, but either is fine. Having both allows for more flexibility when mounting.



Step 8

Install (Hang) the magnetic sweeper under your vehicle. When complete we recommend the wheels are $\frac{1}{2}$ " inch off the ground when the vehicle is on flat ground.

- Below is a photo starting the installation using the wide mounting option with 1 chain on each end.
- Using multiple chains on multiple angles parallel to the sweeper and perpendicular to the sweeper as shown by the red arrows will prevent movement (swinging back and forth and side to side) better than a single vertical chain on each end will.
- Make sure the sweeper is hanging from a solid location on your vehicle so it will not fall off.
- When you remove the pallet the bottom of the aluminum housing should be $3\frac{1}{8}$ " inches off of the ground for the Eiger 4.5" x 4.5" or $2\frac{3}{8}$ " for the Eiger 3" x 3". This will result in the wheels being $\frac{1}{2}$ " inch off the ground when the wheels are installed.
- When the Quick Clean Off Sleeve is installed later this will result in a sweeping height of 3" for the Eiger 4.5" x 4.5" or 2.25" for the Eiger 3" x 3".





Step 9

With the magnetic sweeper now suspended from the vehicle using the hanging chains, Re-Install the black PVC Quick Clean Off Sleeve and replace the black PVC quick clean off sleeve retaining Clip on the end of the Sleeve (the black PVC quick clean off sleeve clip is Part F from the cardboard box)

Repeat step on opposite side.



Step 10

Install wheel onto the wheel bolt. The wheel has an offset hub that protrudes out past the wheel on one side. This side is installed facing inward so that wheel does not scuff the housing when moving.



Step 11

Insert a Lynch Pin (Part C) into hole on the wheel bolt.

Repeat steps on opposite side.

Completed Installation



The picture above shows multiple chains in multiple directions to further stabilize the magnetic sweeper to prevent excessive swinging if necessary.

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