



HS1 Sweep Mounting Instructions

Tools needed:

- Acetylene Torch
- Grinder
- Straight Edge
- Marking Tool (Welders Chalk)
- Welder
- 1 1/4" Open End Wrench
- 1 5/16" Open End Wrench
- Shop Hammer
- Forklift or overhead hoist

AS0003 3" Swivel WO/pad 2 pcs

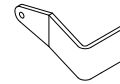


SP0016 3" Sweep Weld Pad 2 pcs



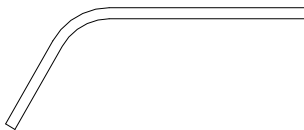
Before you begin the installation, check to see that you have all the parts before you start. Below is a list of parts that you should have.

SP0007 3" Cab Bracket 2 pcs



Parts list:

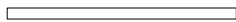
SP0005 3" Sweep Arm 2 pcs



SP0008 3" Hardnose Bracket 2 pcs



SP0006 2" Cross Tube 1 pc



AS0001 3" Swivel W/pad 2 pcs



Please read these instructions completely before proceeding with the installation.

Sweep Installation:

1. We will start the installation with the hard nose brackets. These brackets are shipped painted and it is important that you grind the paint off of the area that is to be welded. Next, place the brackets over the edge of the hard nose and set them as close to the side as you can. Allow enough room to weld on the outside edges. Tack weld them into place temporarily. See picture below!



2. The cab brackets go on the side and the front of the cab to allow a flat area for the sweeps to weld to. You will need to grind the areas that will be welded before the brackets are tack welded to the cab. The brackets fit on the cab as shown in the picture below!



3. The front soft mount swivel has been sent with the sweep arm weld pad loose. Place these soft mount swivels on the hard nose brackets allowing the stobs to be parallel with each other. This will allow the sweeps to be unbolted from the cab and swivel over the blade for

future maintenance. See the picture below!



4. Using a lifting device such as a forklift or an overhead crane, lift one of the sweep arms up on the machine and simulate how the arm will be mounted to the machine. Take the soft mount swivels and hold them in place to mark where the arms are to be trimmed. The arms are sent long to give extra for different mounting styles. See picture below!



5. The front soft mount swivel does not have the weld plate welded on it. Once the front end of the sweep arm is trimmed you then should tack weld the loose weld plate to the arm. See picture below.



welding tasks. Diamond Attachments is not responsible for any injury, accidents or downtime that may be associated with the installation of the sweep kit. Always follow all safety rules set forth by the tool manufacturer of the tools used during this installation.

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6. Trim the end of the arm that will attach to the cab at the location needed. Tack weld the soft mount swivel to the arm. Next place the arm on the tractor and tack weld it in place.
7. Repeat steps four through six on the other sweep arm. Once this done, locate the cross tube and hold it up to the desired location and mark it to be trimmed. We usually like to place the cross tube in front of the exhaust pipe for its protection. See picture below!



8. Weld all welds with at least a 1/4" fillet weld.

Thank you for choosing the Diamond HS1 Sweep Kit. If you need further assistance, call us toll free at 800-445-1917.

Disclaimer: This mounting instruction is a guide to show how to install the sweep kit components. Use only a certified welder to perform all