
BendPak Technical Service Bulletin

Sheave Window Edge Guard Kit

HD-7, HD-9, HD-973 and HD-9SW Series Lifts

BendPak TSB 93-052022-2

The purpose of this Technical Service Bulletin is to provide guidance on the installation of the Sheave Window Edge Guard Kit **(5210447)**. The Edge Guards are intended to reduce the possibility of the Lift Cables slipping off the Sheaves when tension is removed (e.g. when the Runway is on a Safety Lock and the operator continues to hold in the Lowering control).

The Edge Guards are pressed into the sides of the Sheave Windows by hand.

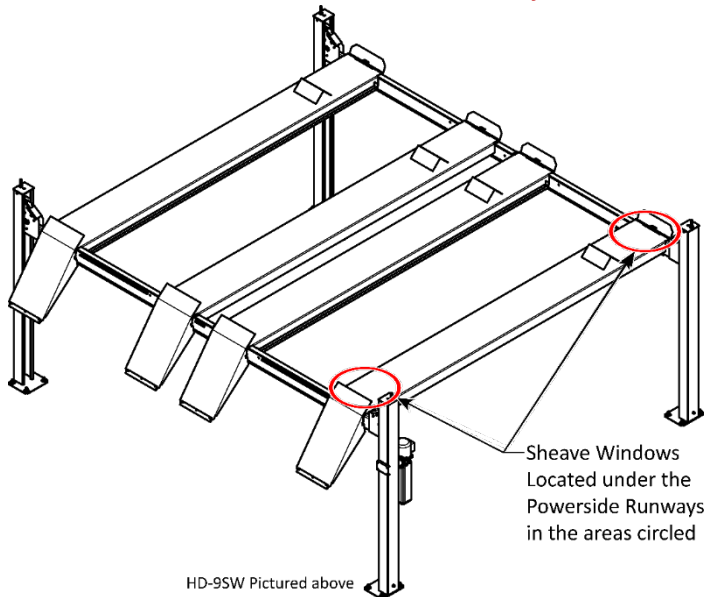
Applying Edge Guards

Four Edge Guards are provided in the kit. Each Guard is sized to fit the Sheave Windows. The Edge Guard Kits for Lifts in this Series provide two small (20 mm) and two long (40 mm) Edge Guards.

To install the Edge Guards:

1. Raise the Lift Runways to their maximum and then lower onto the Top Lock. Verify both runways are secured on their Safety Locks.

⚠ DANGER Do not move or work under the Lift's Runways until you have verified **both** Crosstubes and Runways are secured on their respective Safety Locks.



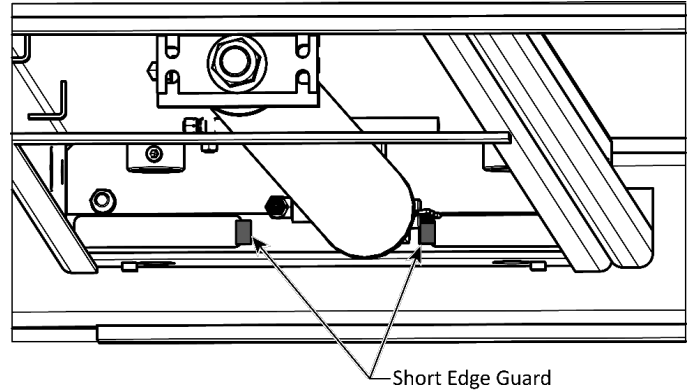
2. After verifying the Lift is secure on the Top Lock, press and hold the Lowering Control until there is slack in the Lifting Cables. Remove Power then Lockout while performing this procedure.
3. Note the Lift Cable's Sheave position. The Lift Cables must be returned to their original position. Working under the Powerside Ramp, remove the Two Single Sheaves on the Cylinder Side. Set the Sheaves and their Shaft aside where they will not be damaged.
4. With the Crosstube Sheave Small Windows now exposed, install the two short Edge Guards on the two vertical sides of the Window. Press in firmly by hand. Refer to the figure below.

Lubricate both Sheave Bores and the Shaft with Red Lithium Grease.

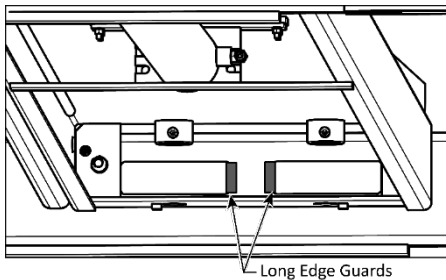
5. Return the Cables into the Sheave Rim in their original positions, then return the Sheaves and Shaft into the Runway and secure.
6. Move to the opposite side of the Powerside Runway and remove the Shaft and two Twin Sheave assemblies.

IMPORTANT!

Note the order of the Cables top to bottom. The Cable's must be replaced in the same order, top to bottom, as you removed them. Marking the cables with tape is an effective method to ensure they are removed and replaced in the correct top to bottom order.



7. With the Crosstube Large Windows now exposed, install the two Long Edge Guards on the two vertical sides of the Window. Press in firmly by hand. Refer to the figure below.



8. Lubricate all Sheave Bores and the Sheave Shaft with Red Lithium Grease.
9. Place the Lift Cables back into the Sheave Rims in their correct Top to Bottom order.
10. Return the Sheaves and their Shaft into the Runway and secure.
11. Verify the Cables are routed correctly and there are no crossed or misrouted Cables.
12. Unlock the access to the Lift's Power.
13. Apply power to the Lift and Press the Up button until the slack is just removed from the Lift Cables.
14. Verify all Lift Cables have a slight tension and are not crossed over or otherwise misrouted.
15. If the Lift Cables are misrouted, hold in the Lower control to provide slack and correct the Cable routing.
16. If the Cables are routed correctly, raise the Runways off their Safety Locks.
17. Press the Safety Release and lower the Runways to the ground.
18. Raise and lower the Lift's Runways several times to verify correct operation. If there is a problem, contact BendPak as below.

Technical support and service is available from your dealer, on the Web at bendpak.com/support, by email at support@bendpak.com, or by phone at **(800) 253-2363**, extension 196. You may also contact BendPak for parts replacement information (please have the model and serial number of your unit available) at **(800) 253-2363**, extension 191.