



Sales and service bulletin – SB0040

New tab locks for drive sheave bolts

Cranston Machinery has made a change in the method for mounting/securing the drive sheaves used on our wire drive units and strap drive units. Previous units in the field are secured by socket head cap screws and in some cases have come loose and backed out. When this occurs, the head of the bolt could interfere with the frame of the wire drive unit and be broken.

We are now using grade 8 Hex Head Cap Screws and a Tab Lock to secure the screws. Each sheave is secured with (4) screws. The Tab Locks come in pairs and each Tab Lock has holes for (2) screws. Install the Tab Locks between the screw heads and the sheaves when mounting. After tightening the screws to the valves shown below for screws, fold up the flats of the Tab Lock against the flat on the hex head screws. (It may be necessary to loosen the screw slightly in order to line up a flat with one of the tabs.)

Screw Size	Torque (non-lubricated screws) Ft-Lbs.
1/4-28NF	14-15
M6 x 1.00	10-11

The tab locks and new hex head cap screws are included with each new sheave when ordered as a replacement part. For typical wire strapping machines, Unitizers in the pulp and paper industry or Portatizers at dock and warehouse facilities, that use BA0155001, BA0155003, BA0155005 or BA0155007 sheaves, simply use the tab locks and new hex head fasteners included with the sheave when replacement is required. This is also true for rap strap machines that use sheaves BB5830000 or BB7487000.

Caution: if you have a wire drive unit typically used in the waste and recycling industry with a model number shown below, it is necessary to change the wire guide cover on the wire drive assembly in order to take advantage of this method for mounting the sheaves.

Refer to your user's manual to determine the part that you have and the chart below for the new part number to order.

Model No.	PA No.	Item No.	Existing Wire Guide Cover	New Wire Guide Cover to order.
62B014	PA4600	33	CB2397000	CB6174000
62B015	PA5156	32	CB2984000	CB6120000
62B016	PA5450	33	CB3211000	CB6173000
62B017	PA5570	36	CB2397000	CB6174000



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