

Top Cap

Part Number for Rear UHMW Bushing 6420/6220: 150566
 Part Number for Top Stinger Cap Kit: 106785

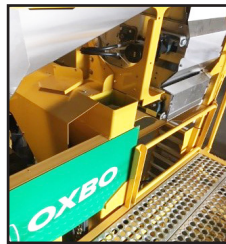


All Oxbo Operator's Manuals feature a maintenance table with recommended maintenance intervals. Oxbo recommends that all stinger bushings be inspected every 1,000 hours (or each season) to insure proper operation.

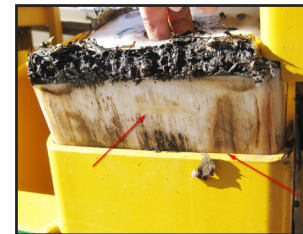
Inspecting Bushings:



Locate the rear leg cap. The leg cap is attached using two bolts and covers the tube and bushing.



Remove the cap. (The UHMW bushing is bolted onto a welded cap on the stinger.)



The bushing shown above is in good condition. Note the area where the technician checked for grease and the tight fit of the bushing in the sleeve.

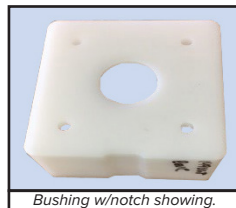
Replacing a Worn Bushing:

Top Plate is in Good Condition, With Welds All Around

Before installing a new bushing, be sure to inspect the top plate on the stinger (inside). Be sure that this top plate is securely attached with welds all around. If it is in good condition, then install a new bushing.

To install the bushing:

1. Align the notch in the bushing toward the inside of the picking tunnel.
2. Slide the new bushing down inside the tube and then onto the stinger.
3. Replace the steel top cap and the bolts to retain the new bushing to the stinger tube.
4. Grease the inside of the tube.
5. Then replace the top cover.



Bushing w/notch showing.

Unbolt the UHMW bushing and top cover plate. Remove top cover plate and wipe away grease from the edges of the bushing. Inspect the bushing for wear. If there is more than 1/8" of play (gap) between the bushing and the inside of the tube, the bushing should be replaced. The easiest way to measure that gap is to use a piece of 1/8" thick steel and try to insert it between the plastic bushing and the steel tube.

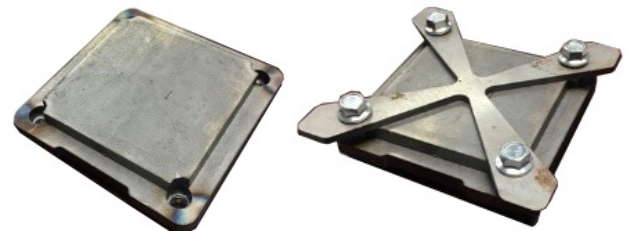


Top Plate is NOT in Good Condition, Lack of Welds, or Off Completely

In some cases where bushings have not been inspected at regular intervals and have not been replaced when worn, damage to the top of the stinger can result.

If you see the UHMW bushing detached from the stinger:

First, you will need to purchase both a new bushing and a top stinger cap kit (Oxbo part number 106785). The kit includes a new stinger steel top cap (must be welded onto the existing stinger) and an alignment star to aid in welding the new top cap on the existing stinger.



Next, weld the replacement cap onto the stinger. Then, install the new bushing:

1. Align the notch in the bushing toward the inside of the picking tunnel.
2. Slide the new bushing down inside the tube and then onto the stinger.
3. Replace the steel top cap and the bolts to retain the new bushing to the stinger tube.
4. Grease the inside of the tube.
5. Then replace the top cover.