



SCARIFIERS

Hand-held & Walk-behind



NEEDLE SCALERS

Hand-held & Extended Reach



GRINDERS/SANDERS

Hand-held & Extended Reach



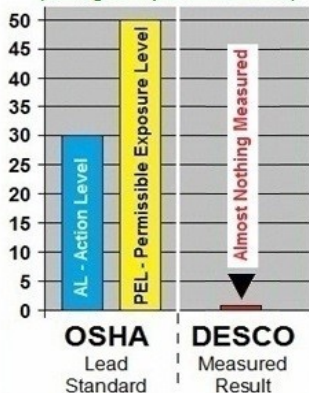
INDUSTRIAL VACUUMS

Hazmat & Radiological



OSHA Compliant*

(Micrograms per Cubic Meter)



Cutter Hub Reload Kit

FX Hand Held & Walk Behind Scarifier

Part # 110.033

Qty	Part	Description
160	800.600	Cutter
5	110.031	Pin
2	110.003.1	Bolt, hex head, 1/4"-20 x 3/8"
2	550.225	Washer, conical

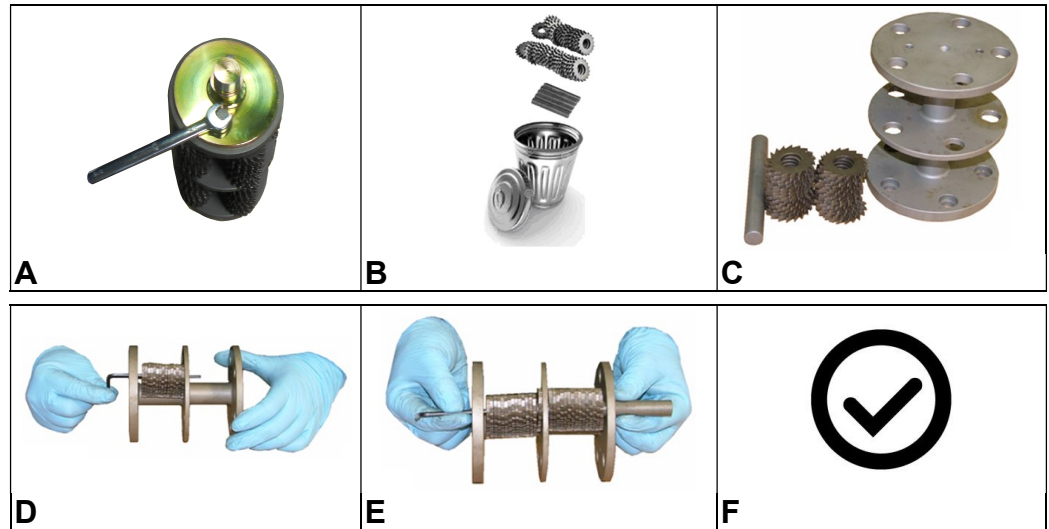


Warning

Always disconnect tool from power before performing maintenance or inspection procedures. **Duty cycle:** a) electric motor 30min on/30min off, b) pneumatic motor 2hrs on/30min off. **For more information,** see the operator's manual or contact your Desco representative.

Cutter Hub Reload Procedure

- Remove End Plate** – Remove and discard the two (2) hex head bolts and washers securing the end plate. Set aside end plate for later use.
- Remove & Discard Cutters** – Discard old cutters, pins and hex bolts.
- Count Cutters** – Count into stacks of 15 cutters and hold the first stack in your hand.
- Stage cutters** – Use the Allen wrench to temporarily hold the cutters in place.
- Load cutters** on opposite side directly on the pin. Then slide pin through hole, pushing out Allen wrench, leaving pin holding cutters. Repeat steps D-E for each row of cutters.
- Finish & Ready** – A) *Replace end plate* and secure with new bolts and washers provided. B) *Install hub* on spindle and attach side cover. C) **Check Critical Maintenance** schedule and service as needed.



Critical Maintenance

Service Task	Hour Interval									
	8	16	24	32	40	48	56	64	72	80
Monitor for excess vibration ¹	At all Times									
Check for worn ² , broken, or missing cutters	Every 2 Hours of Operation									
Lubricate motor airway (Pneumatic only)	■	■	■	■	■	■	■	■	■	■
Grease motor bearings (Pneumatic only)					■					■
Replace outboard bearing (SUFX only)					■					■
Replace bearing shaft plate (SUFX only)										■

¹**Monitor Vibration** – When excess vibration is detected, immediately check for out-of-balance hub condition caused by worn, broken or missing cutters.

²**Cutter Wear Criteria** – Cutters are worn out and must be replaced when tooth height is < 1/8".

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