

Wear Pad Inspection Process

Tools Needed:

Camera Device (endoscope)

Model:

SX 150

SX 180

Genie[®]
A TEREX BRAND

TECH▲PRO[™]

SERVICE AND TECHNICAL TRAINING

TECH-TIP

Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

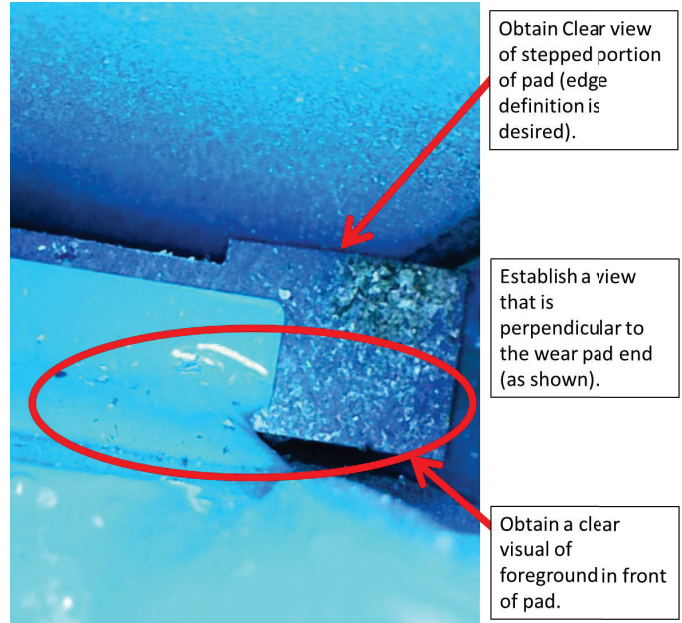
TECH-TIP

Step 1

Scope wear pads (top counterweight end).

Using a device (endoscope), take pictures of the platform-end profile of wear pads fastened to the #1, #2, #3, and #4 tubes via removal of mast cover panel.

Right: Picture of wear pad (platform end) fastened to the #2 tube, engine-side (E), correlating wear from #1 tube.



Step 2

Label Pictures.

It is helpful to follow a specific order in capturing these photos, so as to avoid mislabeling pictures.

Right: Use this form for picture retrieval and labeling.

*Note: Wear pads are identified by the corresponding tube in which direct load and relative movement occurs along with tank or engine side designation.

| ORDER | WEAR PAD* | LABEL |
|-------|------------------------------------|-------|
| 1 | #0 tube - Engine Side (SX180 only) | #0 E |
| 2 | #0 tube - Tank Side (SX180 only) | #0 T |
| 3 | #1 tube - Engine Side | #1 E |
| 4 | #1 tube - Tank Side | #1 T |
| 5 | #2 tube - Engine Side | #2 E |
| 6 | #2 tube - Tank Side | #2 T |
| 7 | #3 tube - Engine Side | #3 E |
| 8 | #3 tube - Tank Side | #3 T |

**Note: Engine side wear pads are labeled (E). Tank side wear pads are labeled (T).*

TECH-TIP

Figure 1a: Side view of SX180 mast assembly.

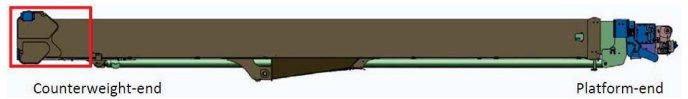


Figure 1b: Section view of SX180 mast assembly, detailing wear pads to be inspected.

