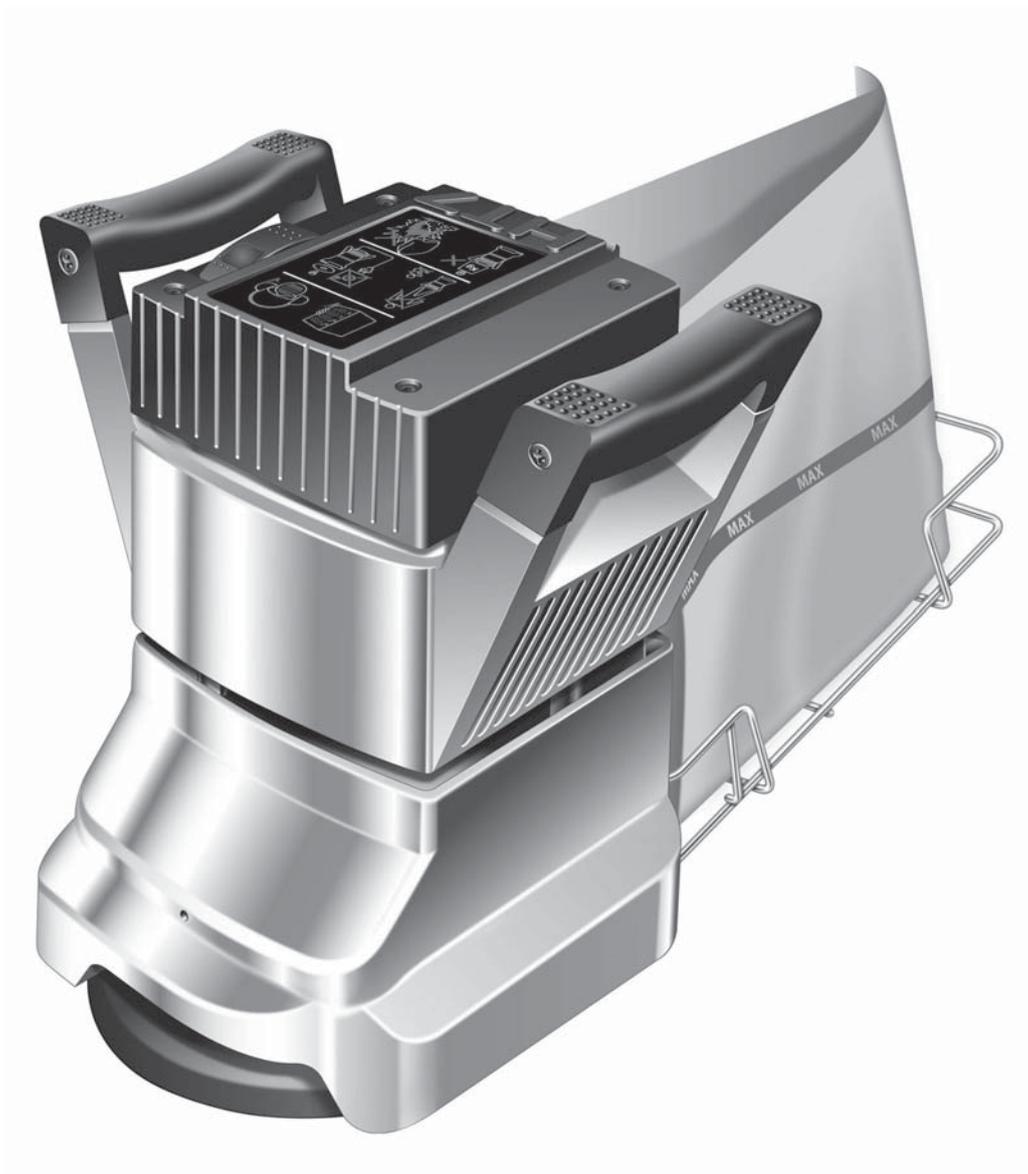


HT7 DISC FLOOR SANDER



SANDING PAD FITTING & MAINTENANCE INSTRUCTIONS **MODELS: HT7-2**

INTRODUCTION

It is very important to maintain the HT7-2 Edger sanding pad in perfect condition for score free sanding and to maximise the life of the abrasive disc.

In normal operation the sanding pad needs little maintenance apart from periodic trimming, however, if the pad is worn below its minimum thickness or it is damaged it must be replaced.

Reasons for Removing/Replacing the Sanding Pad

1. The sanding pad is worn below its minimum tread thickness of 4mm (5/32")
2. Physical damage that cannot be removed by trimming.
3. To gain access to maintain/repair the fan, gears, motor and bearings.
4. To remove an obstruction from the dust pickup.

Removal and Replacement of the Sanding Pad

1. Disconnect the edger from the power supply.
2. Turn the edger upside down and rest it on its handles.
3. Remove the Bolt Clamp (Ref.59) and Clamp Washer (Ref.58).
4. Using a 18mm (11/16") hardwood dowel approximately 150mm (6") long, lock the Fan Intake (Ref.31) in position to stop it turning by inserting the dowel through the underside of the edger to the rear of the sanding pad.
5. Using service tool Part No.011730 Sanding Pad Wrench, remove the sanding pad in a counter clockwise direction (right hand thread). Take care to support the edger.

Note: The sanding pad can be tight, if needed use a soft mallet to tap the wrench to help removal.

⚠ CAUTION: When the sanding pad becomes loose carefully remove it by hand. Take care not to lose the Shims (Ref.56) which may come away with the sanding pad. These shims, which may vary in quantity with a minimum of two, are used on the Shaft Drive (Ref.47) to pack out the sanding pad.

6. Thoroughly clean the Guard Disc (Ref.54) and refit all the Shims (Ref. 56) if removed.
7. Fit a new sanding pad and tighten using the service tool.

Reasons for Trimming the Sanding Pad

1. As part of routine maintenance.
2. The sanding pad has been damaged.
3. The sanding pad has been replaced.
4. The sanding pad has been removed to gain access to other components or to remove an obstruction from the dust pick-up.
5. The castors have been replaced and/or adjusted.

Trimming the Sanding Pad

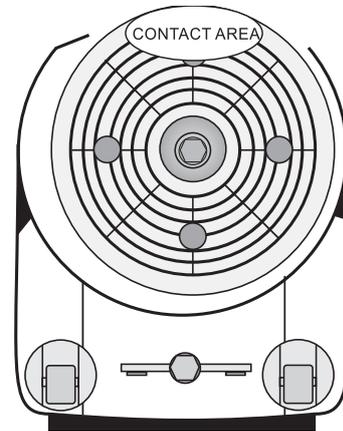
1. Disconnect the edger from the electrical supply and place the edger on a flat, smooth surface such as a work bench. Visually check to see that only the front of the sanding pad is in contact with the surface it is standing on. That is, the castors are adjusted so that the edger is 'tipped' forward.

2. Use a piece of paper or 0.005" feeler gauge to check under and around the sanding pad to confirm that only the front part of the sanding pad is in contact with the surface it is standing on.

The correct contact area is illustrated in the diagram below.

If the contact area is wrong or can not be identified accurately check and adjust the castors as detailed below in - Adjusting the Castors.

Sanding Pad Static Contact Area

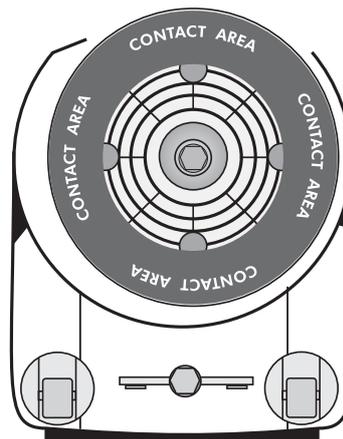


3. To trim the sanding pad fix a piece of fine grit floor sander abrasive (120 grit) face up to a solid flat board that is large enough to stand on and operate the edger. Place the board on a flat even floor and the edger on top of the board with the pad over the abrasive. Do not fit an abrasive disc.

⚠ CAUTION: Make sure that the Clamp Bolt (Ref.59) is secure and properly tightened

4. Connect the edger to the power supply, stand on the board and tip the edger back and switch 'ON'. Carefully lower the edger so that the sanding pad comes into contact with the abrasive. Move the edger from side to side across the abrasive under its own weight for a few seconds. Tip the edger back and switch 'OFF'
5. Disconnect from the power supply and check the condition of the sanding pad. You should witness an even surface with no high or low spots around the whole surface of the sanding pad in the contact area as shown in the diagram below.

Sanding Pad Trimmed Contact Area



Note: Do not hold the edger in place, always keep it moving across the abrasive sheet. Do not over trim the sanding pad or you will reduce it's life. Do not lift or force the edger while trimming the pad, allow the edger to move under it's own weight. The sanding pad minimum tread depth is 4mm (5/32") .

Adjusting the Castors

The castors are set to achieve the correct contact area across the sanding pad as illustrated in the diagrams above.

- 1 To check the castor setting place a clean sheet of glass across the two castors and the sanding pad. Inserting a 0.005" feeler gauge (or a sheet of paper) between the glass and the sanding pad. Check the correct contact area is achieved (see diagram above - Sanding Pad Static Contact Area)

An alternative method is to lightly dampen the rubber sanding pad and then place the glass sheet across the two castors and

sanding pad. Apply light pressure to the glass sheet, which will witness the dampened area of the sanding pad in contact with the glass.



WARNING: Use toughened glass only with a minimum thickness of 6mm (1/4") with rounded/polished edges. Take care when handling glass. Always use suitable gloves, eye protection and protective clothing.

- 2 To adjust the castors loosen the two castor lock nuts using the special tool Part No. 011720 and 5mm ball allen key. Adjust the castors and check the contact area on the sanding pad. When the contact area is correct tighten the two castor lock nuts securely. Use a suitable thread lock compound. Finally check the contact area is still correct after tightening the castor lock nuts.
- 3 Trim the sanding pad as detailed above.

