

Instruction to change a Broom in a MultiSweep

1: Firstly remover motor cover (F169).



2: Raise the MultiSweep with your material handler, i.e. Forklift etc.

3: Place “barrels” underneath the broom.

4: Slowly lower the sweeper, so that the broom is touching the “barrels”.



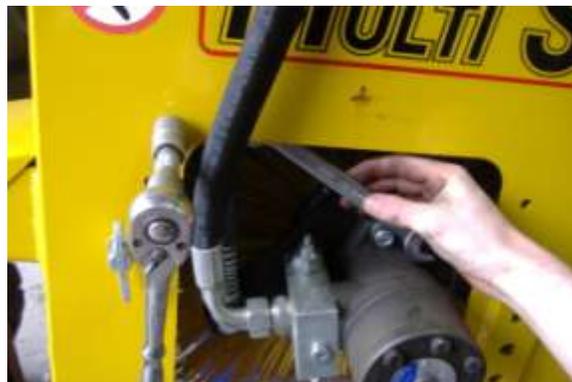
5: Once the “barrels” take the weight of the broom, unclip the adjustment blocks on both sides of the MultiSweep (V183).



6: Remove the side plate from the bearing side of the MultiSweep. This is done by unbolting the 2 M8 nuts and bolts.



7: Next unbolt the four anchoring points of the broom (2 on either side of the sweeper F103, F202), be careful not to lose the two bushings (V116) from the bearing and motor arms.



8: To ease with removing the broom, we also suggest that you unbolt part of the side skirting and one of the hydraulic hose clamps, as below.



9: Now Lift the sweeper slowly with your forklift, until the motor arm (V188) is clear of the side wall.

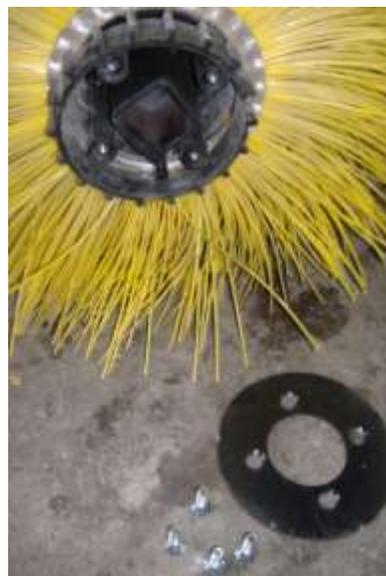
10: Slide the motor (H103) and motor arm (V188) out from the drive shaft (B159).



11: Once the motor has been removed from the drive shaft, it can hang from its hydraulic hoses. At this stage you can begin to lift the MultiSweep up and away from the broom. Please ensure as you are lifting that the broom is complete free from the MultiSweep.



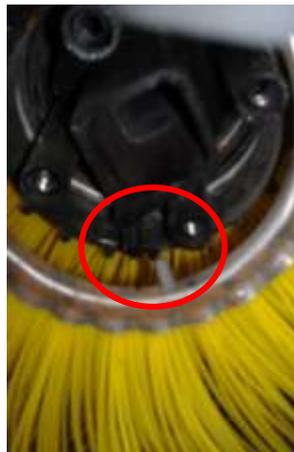
12: Now it is time to unbolt the four counter sunk allen head bolts (F160) from the end plate (B122) on the motor side, as below.



13: Remove all old poly/wire sections (B160). Keep existing spacers (B129) unless you have ordered replacements.



14: Slide one spacer (B129) on from the motor side, followed by a poly (B160) section, then a spacer, then a wire section and spacer and so on. There is a pin on each poly/wire section that lines up with a track on the mandrill.



15: Next replace end plate (B122) and re-tighten the four allen head bolts (F160) onto the mandrill.

(Inspect the bearing (F209) for wear, if it needs replacement contact your parts supplier and review bearing replacement instructions)

16: To re-install the broom reverse the above instructions.

17: Re-insert the motor (H103) into the drive shaft.

18: Lower the sweeper down over the new broom.

19: Re secure the four anchor bolts (F103, F202), ensuring that the two bushings (V116) are fitting properly into the bearing and motor arms (V187, V188).

20: Once the broom has been secured, lower the sweeper further onto the “barrels” this compresses the springs (F201) and allows easy installation of the adjustment blocks (V183). (ensure the high shoulder is at the top of the block, to get full use of the broom)

21: Replace motor door (F169) and test run the sweeper.

Please consult supplier if you experience any difficulties.

Note: Please keep all nuts, bolts, washers and bushings as they not supplied unless ordered.