

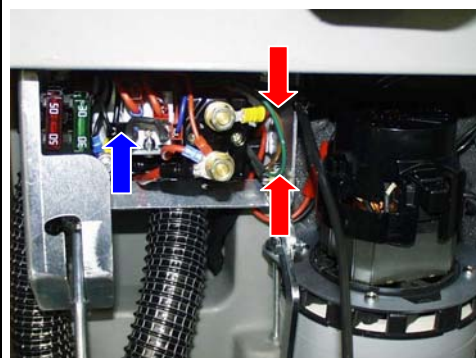
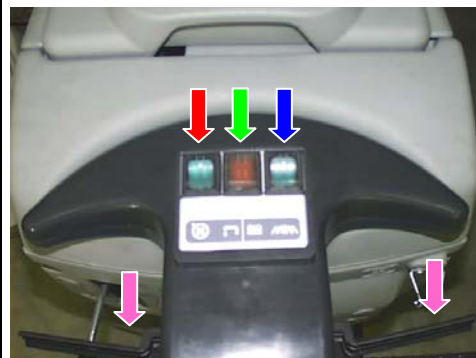
REPLACE AND NULLIFY THE DOCUMENT RC2401 REV 01 ISSUED 10/2005-SS



READ THE USE AND MAINTENANCE HANDBOOK

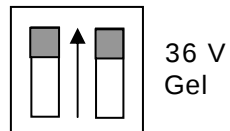
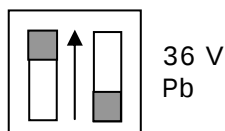
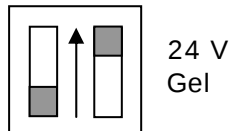
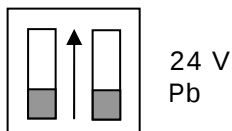
Inspection electric system

1. Check the functionality of the electric system:
 - brush motor (the motor ignition depends on the double consent of the **brush switch** and the **control levers**)
 - suction motor (ignite the motor through the **suction switch**).
2. Check the double function of the **display**, situated in the centre of the instrument board:
 - Under working conditions it is an indicator of the batteries charge level (4 full charge, 0= stop of the brush motor)
 - When no motor is activated the display indicates the open solution cock, when it remains lighted up.
3. Check the tightness of the **power contacts** of the electric system situated in the upper back part of the machine (behind the back panel).
4. Check the conditions and the correct assembly of the **fuses**.

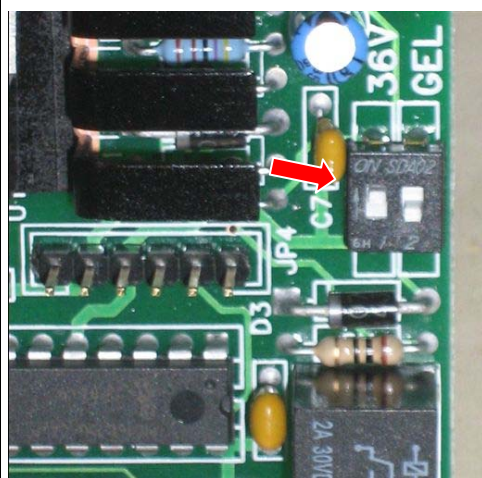
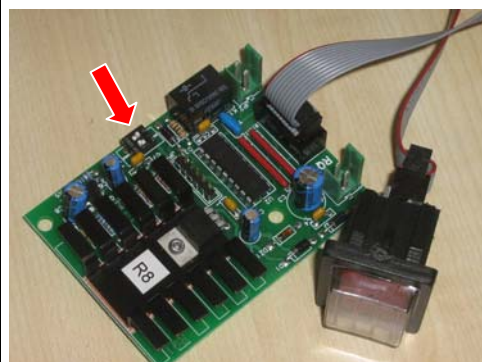


Adjustment battery check card

1. Check-up the right set-up of the battery check card. The adjustment can be performed by **microswitches**.
2. The possibles configurations are the following:

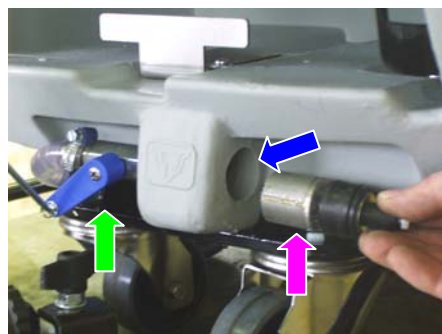


The right configuration is one of the two above depending on the battery type.



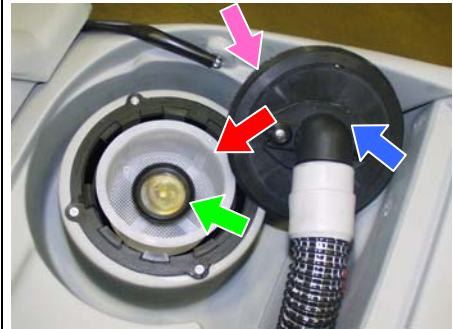
Inspection of the water system

1. Fill up the solution tank and check the tightness of the fittings and in particular the gaskets of the **solution cock** and on the **solution filter**.
2. Check the distribution of water on the floor under the brush base is uniform and proportional to the opening of the solution cock. If necessary check the cleaning of the cock (see also next paragraph).
3. Check the internal cleaning of the filter and clean it if necessary and remove the obstructions
4. Clean the tank and let the water out of **opening**.

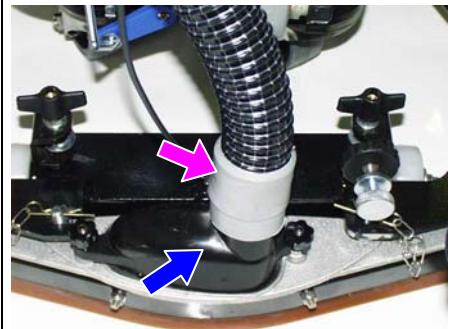


Suction system test

1. To verify cleaning and functionality of the **filter - float**. The rod of the float has to move freely in the center of the filter.
2. Check, once closed, the tightness of the **cover** on the recovery tank verifying the complete tightness of the **gasket** on the flange filter.



3. verify the correct insertion and the tightness of the **couplings** on the suction motor, on the squeegee and on the cover.
4. Check the tightness of the gaskets on the **squeegee mouthpiece**.

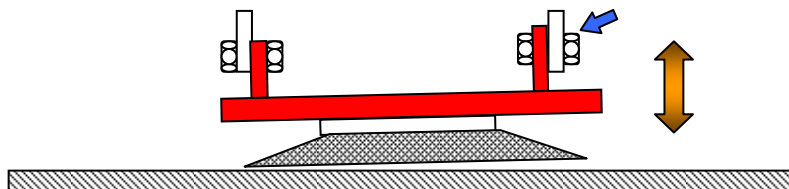


Regulation brush base

1. Regulation horizontal inclination brush base

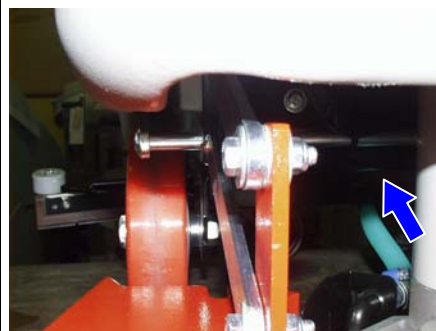
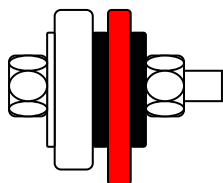
- To position the machine on a plain and regular floor.
- Assembly the brush and lower the brush base onto the floor.
- To loosen **nut** of the left lifting arm and adapt the brush base
- in the a right position to the floor.
- The slot rod of the brush base will be positioned automatically
- in the correct way.
- Screw nut and bolt.
- With this operation you set up a correct earth alignment of the brush base for a uniform floor cleaning.

Attention : by an incorrect adjustment the machine can go to the right or the backward direction.



2. Regulation vertical inclination brush base:

- To loosen **lock nut**.
- Adjust the brush base without brush so that it touches before on the back and it is higher 6-7 mm. on the front.
- Screw the block nut.
- The correct adjustment gives a correct inclination of the brush on the floor.

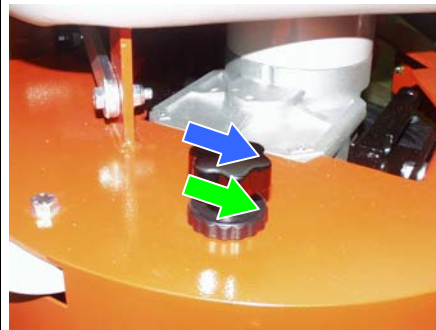


Traction adjustment

In order to adjust the traction operate upon the **screw** in the picture after having loosen the **knob**:

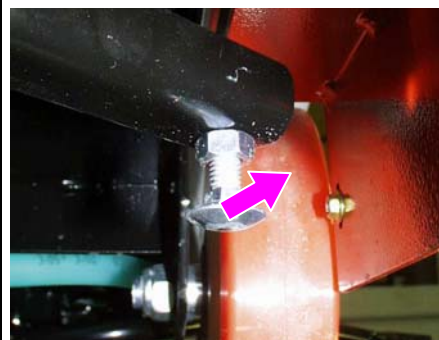
- Screw in order to increase the traction effect
- Unscrew in order to decrease the traction effect
- Fix the nut after the adjustment.

Attention: increasing the traction of the machine, the working capacity lower.



Regulation touching of the brush

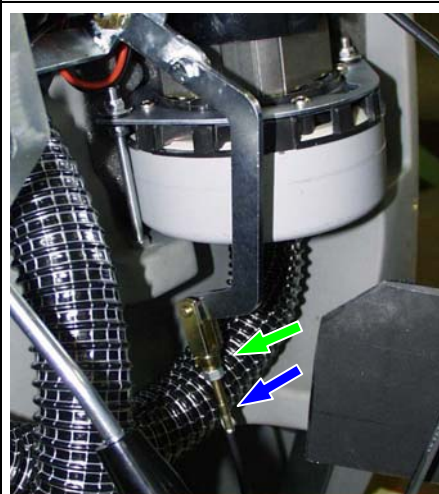
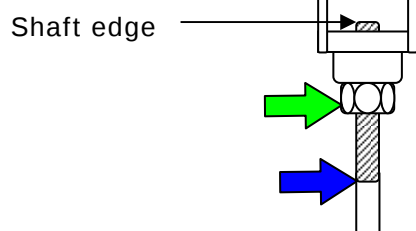
Check that the **round head screw** touch lightly the flat base of the brush. The space between the head and the brush have to be 1-2 mm. at the maximum when the brush is hooked and lowed.



Squeegee adjustment

1. Adjustment squeegee lifting

- Loose the **nut**
- Screw the **threaded shaft** until the head of the shaft arrives
- to the fork base
- Fix the nut



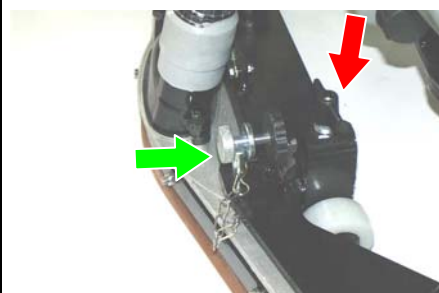
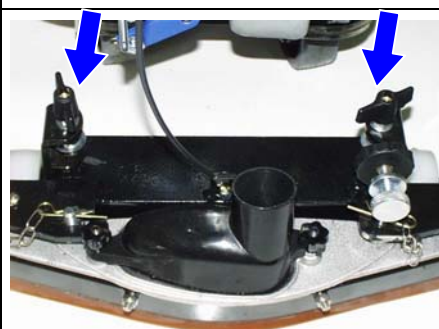
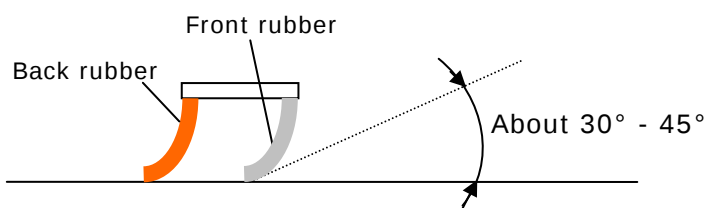
2. Squeegee adjustment

The rubbers must have a inclination from 30° to 45° with respect to the floor and uniform over the complete squeegee length

For establishing this situation act upon the **knobs** for the regulation of the hight and the balancing right/left of the squeegee on the floor.

For the rubber inclination act upon the **metal knob** and block the adjustment with the black plastic **hand wheel**.

Make sure that the adjustment is blocked.



Functional inspection of the machine

- ☐ Check the functionality of switches and lamps;
- ☐ Check the brush assembly functionality;
- ☐ Check the functionality of brush motor;
- ☐ Check the functionality of the squeegee;
- ☐ Check the functionality of suction motor;
- ☐ Check the functionality of handbrake;
- ☐ Check the conditions of battery connectors and cables;

Functional test of the machine

- ☐ Fill the tanks with water and check their tightness;
- ☐ Check that solution fall on the brushes equally;
- ☐ Check the squeegee wheels with a functional test;
- ☐ Adjust the brush pressure and the brush assembly inclination doing a functional test;
- ☐ Check the functionality of the water cock;
- ☐ Check the braking efficiency;

Final inspections

Control all functions: scrubbing, suction, traction.