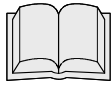


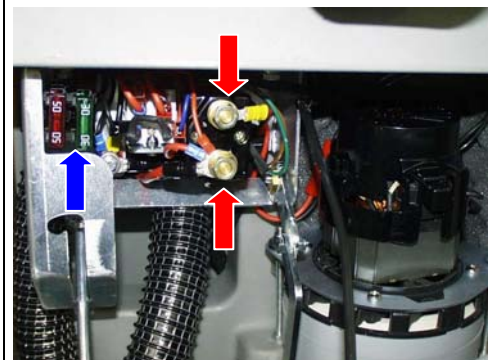
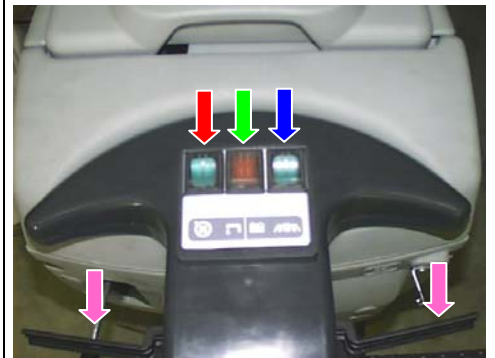
REPLACE AND DELETE THE DOCUMENT RC2400 REV 03 OF 10/2005



READ THE USE AND MAINTENANCE HANDBOOK

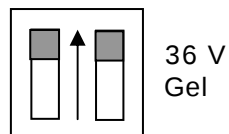
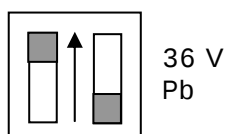
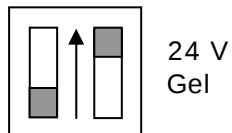
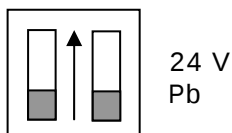
Inspection electric system

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 batterie's 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**.

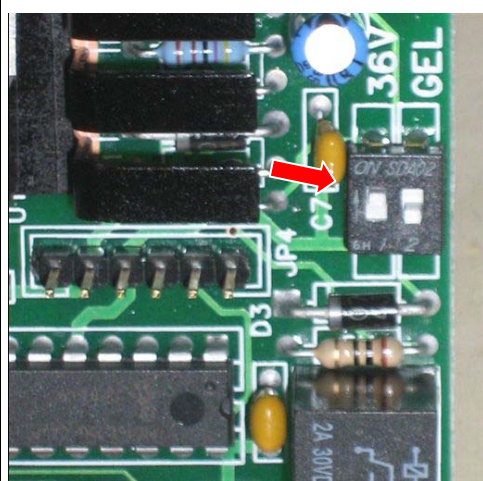
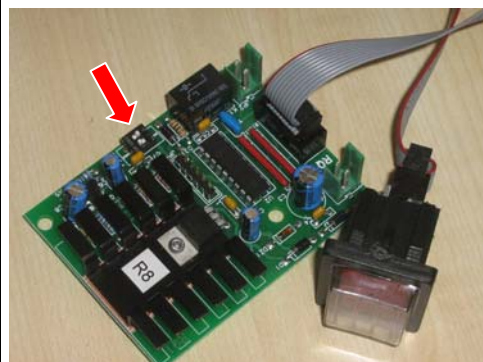


Adjustment battery check card

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:

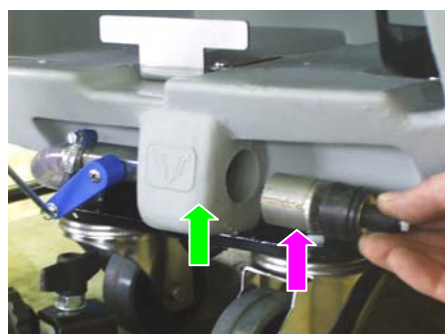


The right configuration is one of the two above depending on the battery type.



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**.

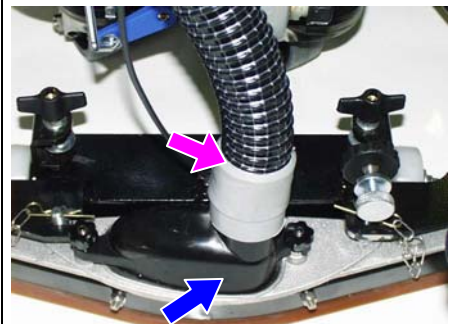


Aspiration test

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.

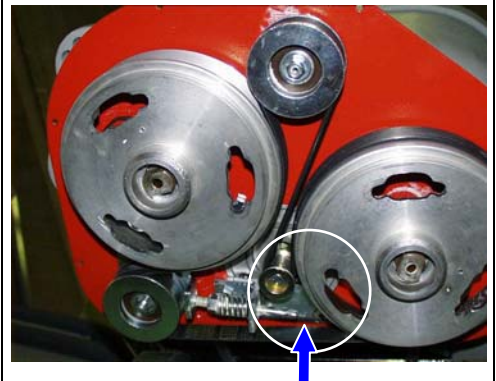
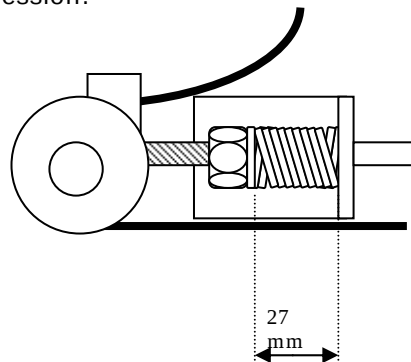


3. To verify the correct insertion and the tightness of the **couplings** on the suction motor, on the squeegee and on the cover.
4. Check the tightness of the gaskets on the **squeegee mouthpiece**.



Brush base adjustment

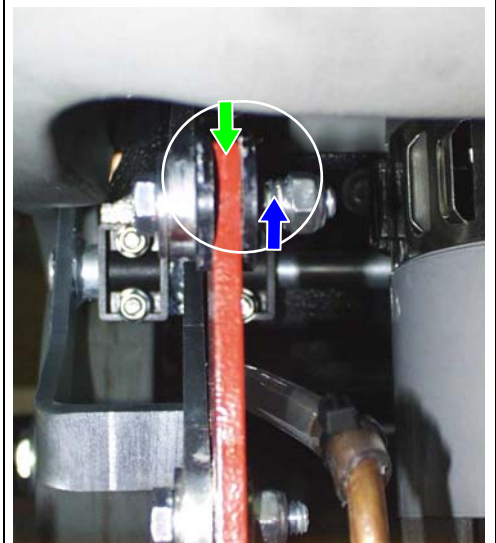
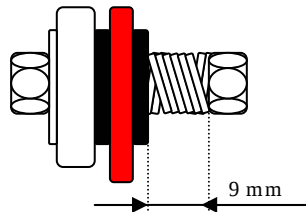
1. Tension adjustment of the pulleys brush belt
Adjust the **spring of the belt-tightener** to the length of 27mm in compression.



2. Spring adjustment friction for inclination brush base

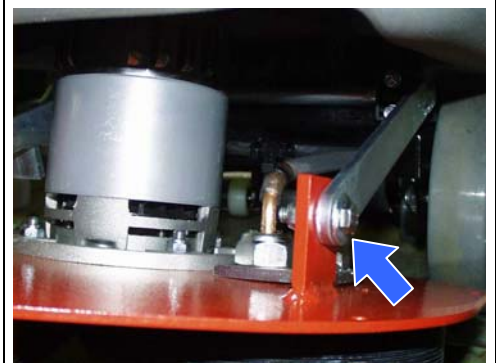
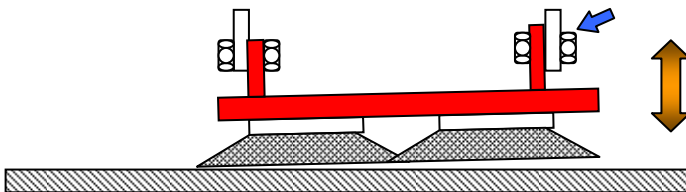
Adjust the **lock nut** in order to have a **spring** length of 9 mm.

The correct regulation guarantees a tender and gradual inclination of the brush base.



3. Regulation horizontal inclination brush base

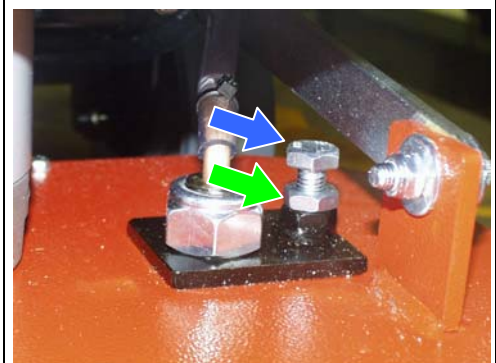
- Position the machine on a plain and regular floor
- Assembly the brushes and lower the brush base onto the floor.
- To loosen **nut** of the left lifting arm and adapt the brush base in the a right position to the floor.
- The slot rod of the brush base will be positioned automatically in the correct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



4. Traction adjustment

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

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

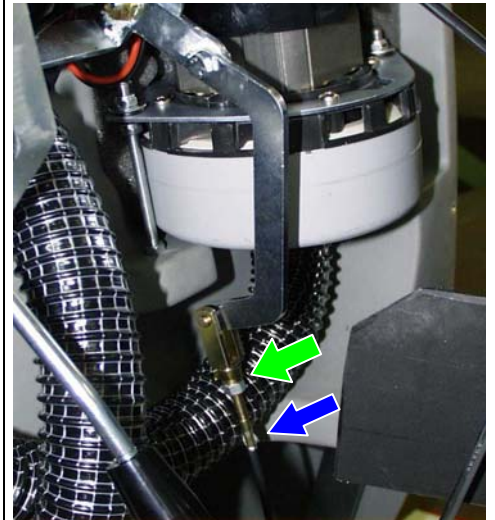
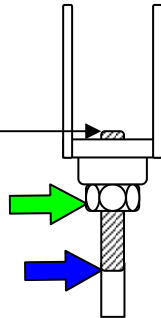


Squeegee adjustment

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.

Shaft edge



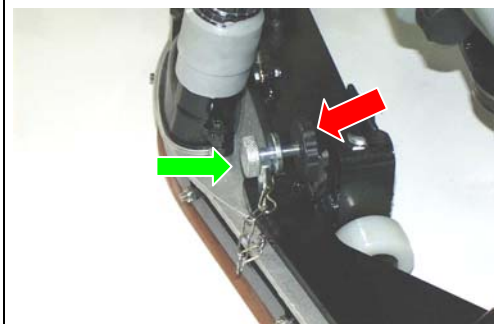
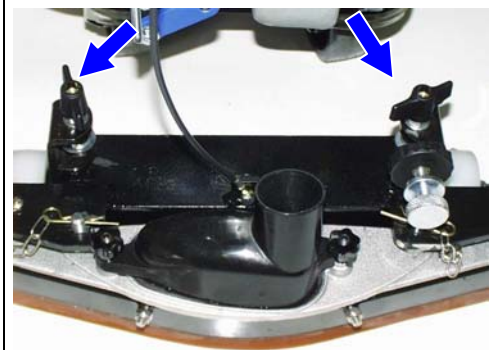
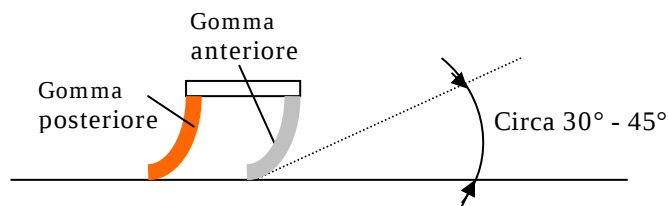
2. Squeegee adjustment

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 height 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.