

Supplement Mounting Street Washer for Hako-Citymaster 1200

1 Mounting Electrical System

1.1 Mounting Kit

The mounting kit for the electrical system and the water installation comprised of the following parts:

- 1 Hose
(Waste water dirt hopper)
- 2 Pump control
- 3 Hose
(Water connection on fresh water tank)
- 4 Clamps
- 5 T-fitting
- 6 GK-coupling
- 7 Water hose adapter
- 8 Fuse

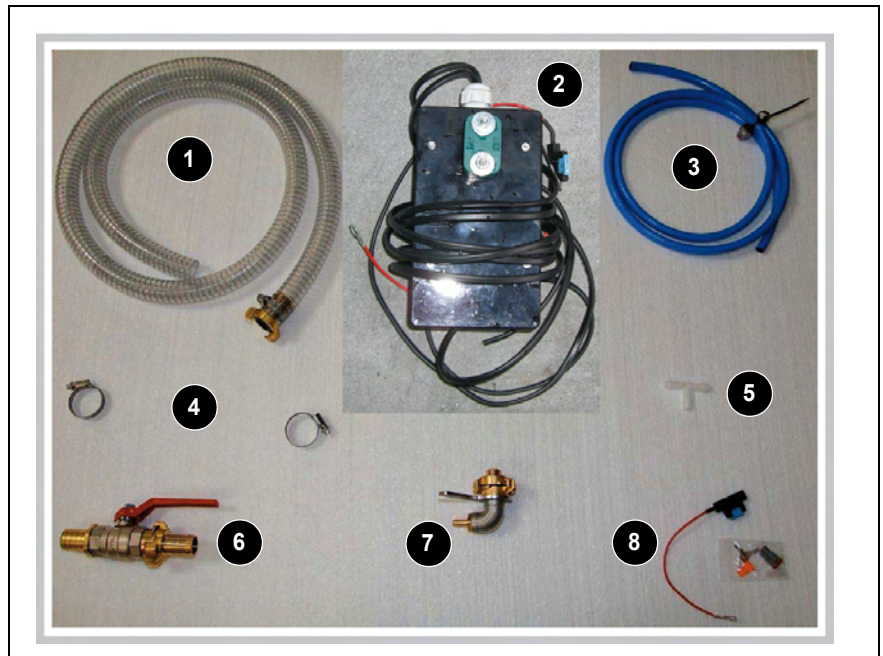


Fig.1

1.2 Mounting

Proceed as follows for the assembly work:

- Detach hose (Fig. 2/1) from the fitting (Fig. 2/2) of the water filter (Fig. 2/3) (located of the left side under the fresh water tank).
- Attach T-fitting (Fig. 1/5) (Fig. 2/4), see figure 2.
Cut off a piece from the hose (Fig. 1/3) to connect T-fitting (Fig. 2/4) and fitting (Fig. 2/2) and attach with clamps (Fig. 1/4).
Attach T-fitting (Fig. 2/4) and coupling (to the front) to the rest of the hose (Fig. 1/3) and fix with clamps (Fig. 1/4).

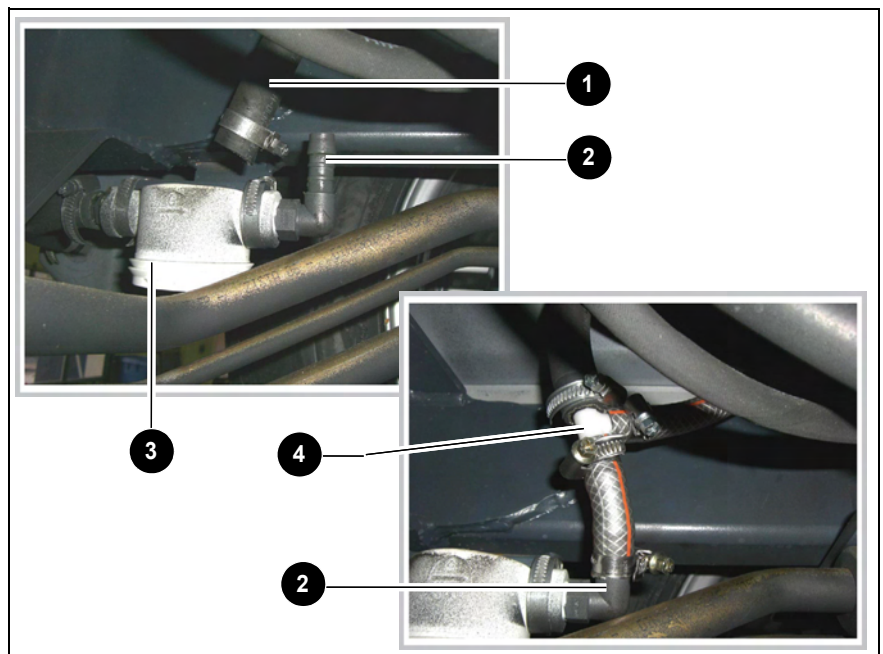


Fig.2

- Attach coupling (Fig. 1/7) (Fig. 3/1) in the area of the hydraulic couplings. Connect the upper side of the coupling (Fig. 1/7) (Fig. 3/1) with the hose (Fig. 1/3) (Fig. 3/2). After it connect the coupling with the pump of the street washer.



To attach coupling (Fig. 1/7) (Fig. 3/1) on the left or right side in the area of the hydraulic couplings, position drill holes. (Drilling template: first drill hole from the edge left 10mm distance)



The holding device of the coupling have to be not collide with the parts of the street washer.

Install the coupling (Fig. 1/6) (Fig. 3/4) in the kink area of the CM1200 as follows:

- Remove the GK-plastic coupling and the hose (Fig. 3/3), add the parts to the sweeper unit.
- Attach the GK-coupling (Fig. 1/6) (Fig. 3/4) and the hose (Fig. 1/1) (Fig. 3/5).



Take the hose (Fig. 1/1) (Fig. 3/5) loosely in the driving cab and connect by needs (e.g. by draining the water from the dirt hopper).

For installation of the electrical system proceed as follows:

- Attach pump control (Fig. 1/2) (Fig. 4/1) on the cross bar of the cabin, on the left side of the steering column (Fig. 4/2).
- Open the steering column (Fig. 4/2) and let drop the cables of the pump control (Fig. 1/2) (Fig. 4/1).
- Detach cover (Fig. 4/3) and pull down the cables (Fig. 4/4) out of the cabin.
- Put connection for the pump right in front to the hydraulic connections.
- Take the bus bar (Fig. 4/5) on the right rear side, in driving direction, and put this under the console (located on the accelerator lever) in the cabin.
- Fix cables (Fig. 4/5) with cable clips.
- Connect under the console (Fig. 4/6) the black cable (Fig. 4/5) to the pump control (Fig. 4/1).

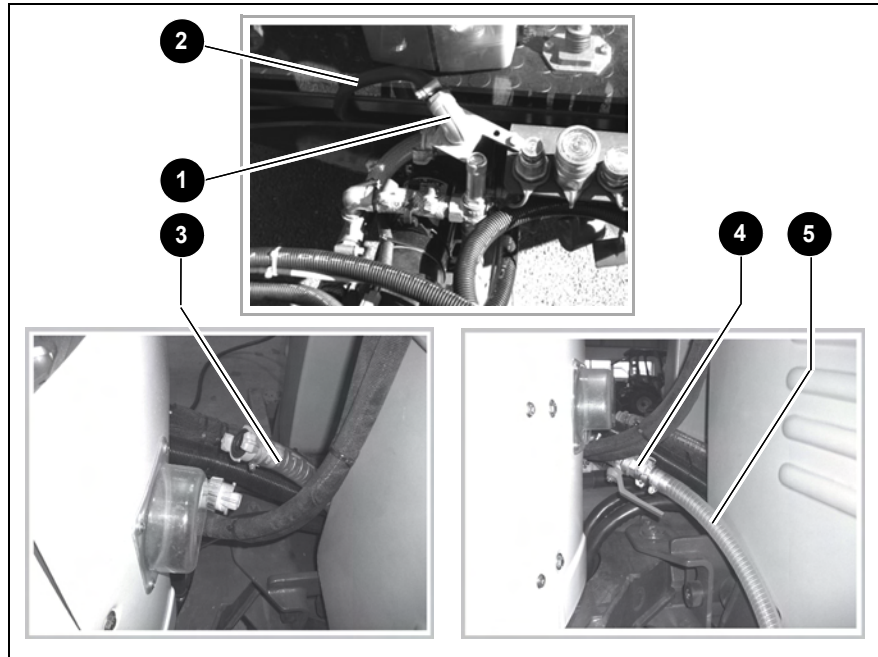


Fig.3

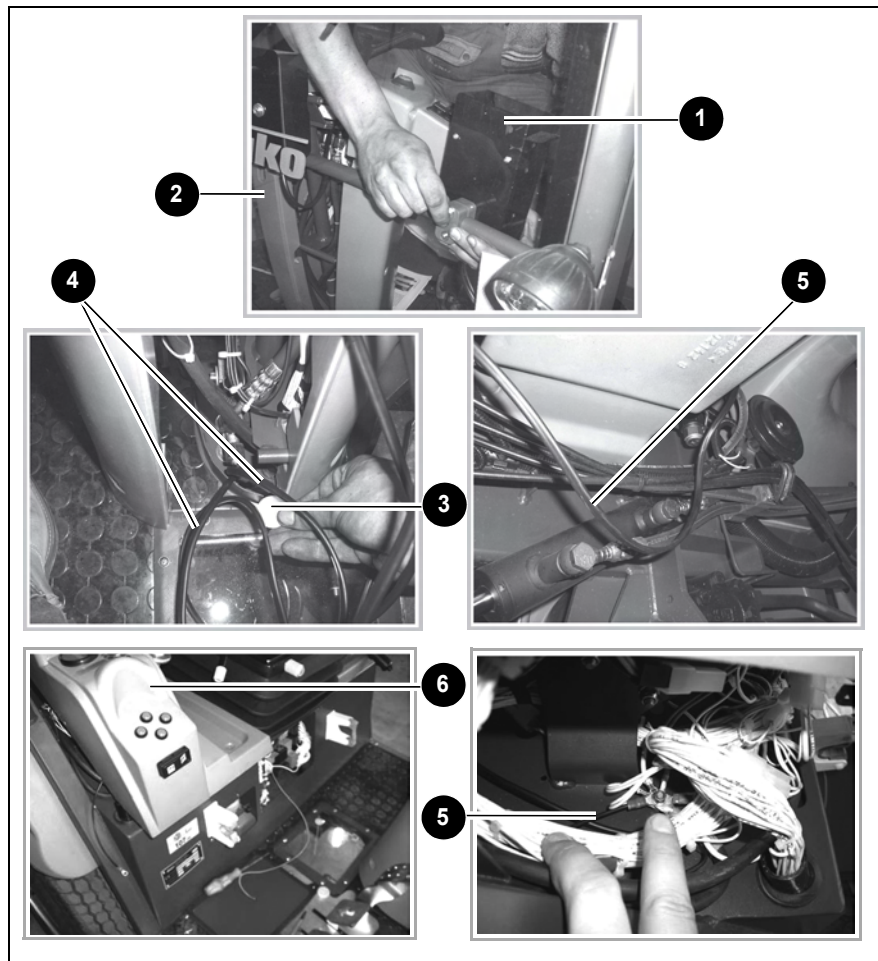


Fig.4



Disconnect battery for further proceeding!

- Put the red cable of the pump control (Fig. 1/2) (Fig. 5/1) through the fuse box.
- Connect the fuse (Fig. 1/8) (Fig. 5/2) on the main circuit of the CM1200.
- Connect on the fuse (Fig. 1/8) (Fig. 5/1) the red cable (Fig. 5/1) of the pump control.



The pump can be operated by deactivated ignition too.



Install the cable that by application weither than street washer nor than sweeper not to be in the way.

- Connect battery, connect pump from street washer with the electric cable and check for function.

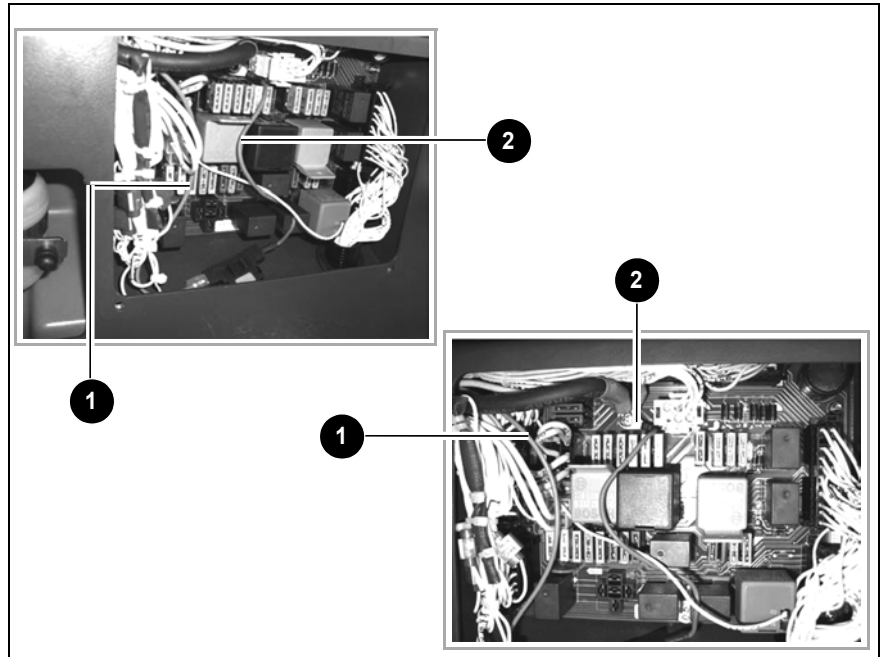


Fig.5