

MOUNTING INSTRUCTION

Replacing the Balancer for System 920-1500

No. 148788/00
Date 2005-10-01

1. Neutralize the spring power in the following way:
 - Unscrew the safety knob **A**.
 - Use a locking handle **B** and turn a little anti-clockwise. Then push the button **E**. Release one revolution clockwise at a time. For each revolution the button **E** returns to its original position.

2. Loosen the stop ball **C** on the cord.
3. Rotate the balancer to fully disengage the ratchet. (Balancers manufactured before control no. 05180, designed for systems with vehicle in motion, are not equipped with a ratchet.)
4. Loosen the 3 screws (torx T25) in the cover over the balancer.
5. Hold the balancer and remove the cover. Then remove the balancer.

WARNING!

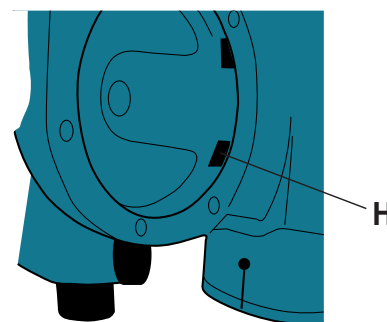
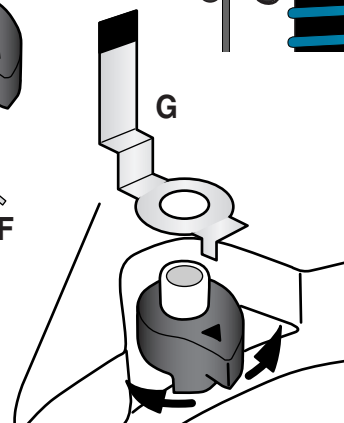
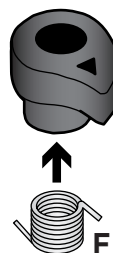
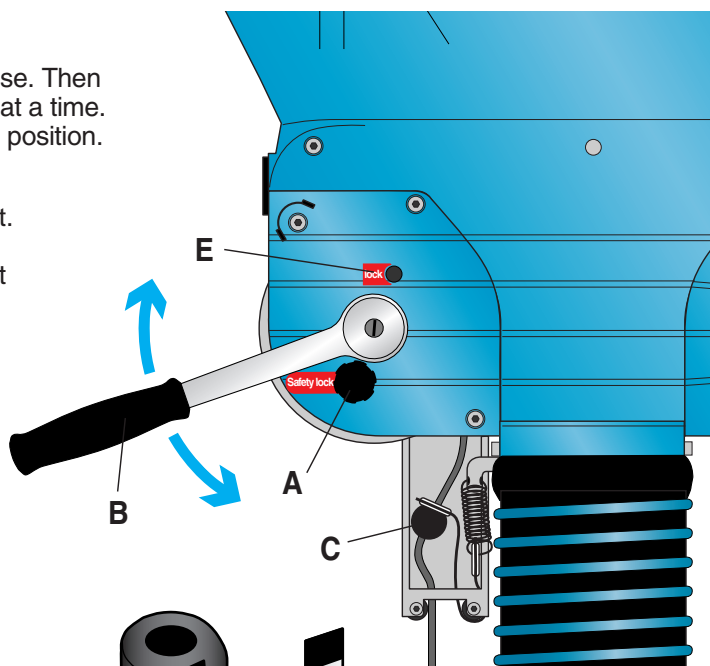
Risk of personal injuries!
Do not open the spring cassette!



6. If the ratchet (if any) has come loose during the dismounting, it has to be remounted in the following way:
 - a) Fit the spring **F** in the ratchet.
 - b) Fit the ratchet with spring in the right position.
 - c) Check that the ratchet can spring in both directions.
7. From control no. 05180 the balancer could be equipped with a ratchet lock **G**. Fit the ratchet lock, if any.

Mount the new balancer in the following way:

8. Remove the stop ball **C** on the cord.
9. Pull out approximately 1 m cord. Put the cord through the lower intake **H** in the suction trolley and down through the outlet rolls.
10. Pull the cord and hold it tensioned at the same time the balancer is moved to its position. Check that the smooth part of the side of the balancer is against the ratchet.
11. Put on the cover. Check that the ratchet lock **G**, if any, sticks up through the cover. Make sure that the balancer comes in the right position and guides against the cover.
12. Fasten the 3 screws (torx T25). Tightening torque = 4 Nm.
13. Refit the stop ball **C** on the cord.
14. Fit the cord on to the hose holder on the hose.
15. Adjust the lifting power in the following way:
 - Loosen the stop ball **C**.
 - Unscrew the safety knob **A**.
 - Use a locking handle **B** and turn anti-clockwise one revolution at a time. Each revolution is marked with a "click" position. Turn until the hose has moved to required resting position.
 - Push the stop ball **C** up as far as possible. Fasten the stop ball in this position.
 - Turn the locking handle one revolution more.
 - Fasten the safety knob **A**.



Checking of procedure

1. Make sure the safety knob **A** is in position.
2. Pull the hose to its maximum extent and check that the balancer winds the hose to its normal position at an even and steady pace. Hold the hose by hand while it returns.