

## SB, Cable & plug case, W70P, 60-2021

### SYMPTOM/DESCRIPTION

Wrong cable mounted and for some machines only the plug wrong mounted.

### AFFECTED UNITS

All machines from 2017 can be affected.

### CORRECTIVE ACTION

Send the serial number of the machines that have been repaired to [techsupport.cp@husqvarna.se](mailto:techsupport.cp@husqvarna.se)

Art	Machine	Land	Pump	Comment	
967 75 83-01	W70P		590 43 51-01	Denmark	<b>Cable change and plug assembly. Follow step 1 to 20 and the check points.</b>
967 75 81-01	W70P		590 43 51-01	-	
967 75 81-02	W70P		590 43 51-01	-	
967 75 81-04	W70P		590 43 51-01	-	
967 75 81-06	W70P		590 43 51-01	-	
967 75 81-07	W70P		590 43 51-01	-	
967 66 47-02	W70P		590 43 51-01	AU	
967 66 47-03	W70P		590 43 51-01	BR	
967 66 47-04	W70P		590 43 51-01	EU	
967 66 47-06	W70P		590 46 97-02	110V UK	

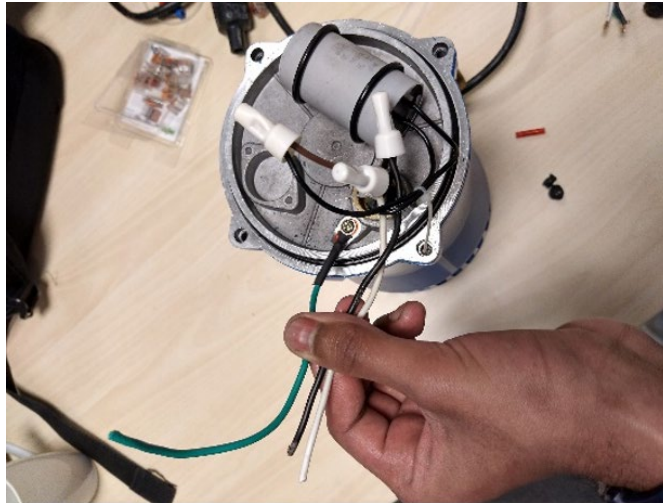
## PROCEDURE

1. Cut the pump cable close to the pump.  
Loosen the cable gland on large tank before pulling out the cable.
2. Remove the pump out of the W 70 machine.
3. Loosen the nut and slide out the strain relief clamp out of the cable.
4. Remove the pump top cover by unscrewing 4 bolts as shown in the image.



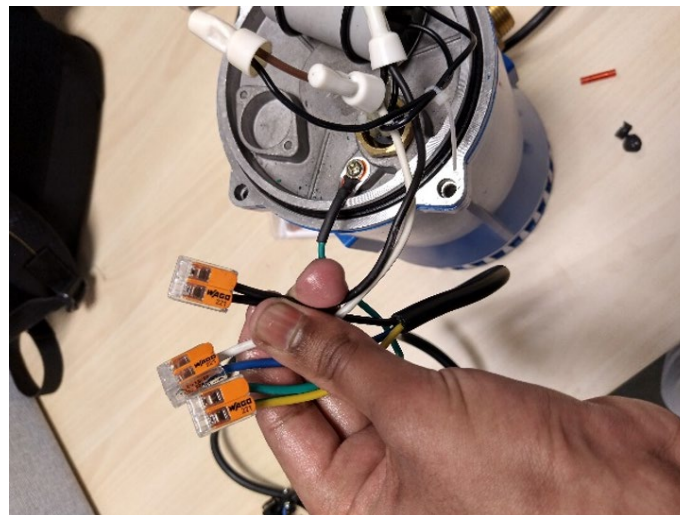
5. Cut the existing cables.
6. Prepare the new cable on one end such that grounding cable is longer phase and neutral.

7. Cut the cables in the pump so the ground cables is longer than phase an neutral.



8. Strip the cords 11mm and connect them with the splicing connector.

- Green/Yellow to Green
- Brown to Black
- Blue to White



9. Check that all connections are secure and are electrically safe.  
Make sure grounding wire is longer than other wiring assemblies.
10. Replace the O-ring that is on the flange.
11. Pull the cable through the cable gland on the lid.

12. Close the pump. (14Nm)



13. Close the cable gland on the pump. (8Nm)

14. Place pump back to the W70P machine.

15. Pull the cable through the cable gland on the tank.

16. Reuse the power plug that is assembled on the “old” power cord.



17. Prepare the new cable on the other end such that grounding cable is longer phase and neutral.
18. Make sure the strain relief is correctly installed and is mounted over the rubber on the cable.



19. Install each individual wire in the plug. Make sure no tension or abnormal bending of the wires.
20. Close the power plug.

## Check points valid for all changes

1. Control measure the continuity of the protective conductor between PE on the plug and metal on the pump.  
Reasonable value is 0-2  $\Omega$ .  
(Press hard with the measuring tip on the pump as dirt can result in a worse value).
2. Check the pump insulation resistance between PE on plug and phase / neutral pins on plug.  
The result of the measurement must not show a value lower than 1.0 M $\Omega$  when the measuring voltage is at least 500 V DC.  
(Feel free to use test adapter with measuring cables).
3. Connect the machine to the power and check if the machine and vacuum pump works appropriately.

**PARTS TO ORDER:**  
535 52 44-01, CABLE KIT, W70P EU



## WARRANTY INFORMATION

The normal warranty policy applies

### Revision History

Rev.	Date	Order id.	Description
A	2021-07	00011713	Created