

Important Instructions

Subject Replacing Door Seal Assembly

Use With Frontload Washers



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the washer before servicing.
- Never start the washer with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the washer is properly grounded.
- Motor not grounded! Disconnect electric power before servicing motor.

W485

Part Nos. 802866P and 802830P consist of:

- | | |
|----------------------|------------------------------------|
| 1 - 802866 or 802830 | Door Seal Assembly |
| 2 - 803840 | Lubricant Packet
(6 grams each) |
| 1 - 6-08-142R2 | Important Instructions |

Removing Old Door Seal Assembly

1. Unplug washer from wall outlet.
2. Turn off water supply to washer.
3. **Front Control Only**
 - a. Unlock control panel.
 - b. Pull top of control panel away from control cabinet far enough to allow lifting control panel up and off rail support of control cabinet.

IMPORTANT: Due to the sensitivity of the electronic control, careful handling is required. As a precautionary measure, we recommend using a ground wrist strap when handling the electronic control. Wrist strap, cord, and alligator clip are designed to carry away any electrostatic charge from your body and to direct charge to an available ground. By using this static protection device, potential electrostatic discharge problems associated with handling of electronic control will be minimized. Always handle electronic control by its metal edges. If a wrist strap is not available, touch washer while it is plugged in before handling control to dissipate any charge.

- c. Remove control panel away from control cabinet as far as wires permit.

- d. Remove two screws holding front of cabinet top to top front edge of control cabinet front.
- e. Remove two screws holding bottom flange of control cabinet to top flange of front panel.
- f. Lift cabinet top to vertical position. To avoid damage to hinges, support top with chain or something similar.

4. Rear Control Only

- a. Remove meter case service door.
 - b. Remove two screws from inside bottom of meter case.
 - c. If present, remove security bolt inside control panel.
 - d. Remove two control panel attaching screws holding control panel to control hood.
 - e. Lay assembly forward on protective padding on cabinet top.
 - f. Remove security bolt from left rear corner of cabinet top.
 - g. Reattach two screws holding control panel to control hood.
5. Open loading door.
 6. Carefully remove wire clamp ring from groove in door seal using a small flat blade screwdriver. To avoid damaging spring located in six o'clock position use screwdriver on wire clamp ring to left or right of spring.
 7. Grasp lip of door seal. To avoid damaging seal do not use pliers or sharp objects to grasp door seal lip.
 8. Pull lip seal up, out, and down using a circular motion. Refer to *Figure 1*. When seal releases from lip of front panel, pull out and remove seal from rest of front panel.



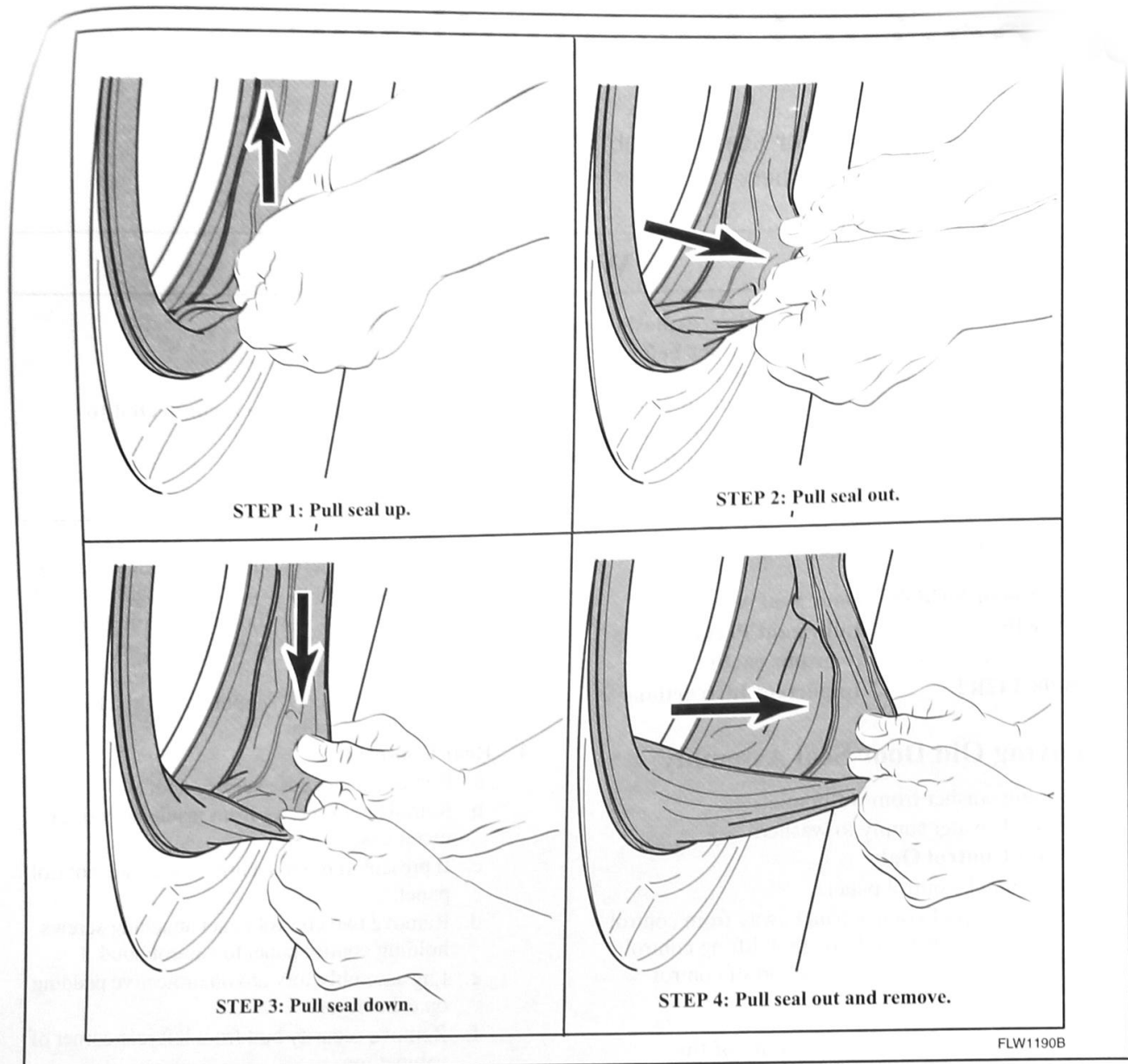


Figure 1

9. Remove two screws from bottom edge of lower access panel while supporting front lower access panel.
10. Gently lower access panel to disengage panel locators from bottom edge of front panel.
11. Using special tool No. 318P4, remove dispenser drawer.
12. Remove bottom two front panel corner screws.
13. Remove front panel away from washer as far as wires permit.
14. Unplug wire harness from door latch/switch assembly. Refer to *Figure 2*.
15. Remove clips holding wire harness and door seal hose along top flange of front panel. Refer to *Figure 2*.
16. Remove front panel.
17. **Rear Control Only**
 - a. Remove two screws holding front of cabinet top to front flange of side panels.
 - b. Lift cabinet top to vertical position. To avoid damage to hinges support top with a chain or something similar.
18. Loosen hose clamp and remove dispenser - to - door seal hose connection at dispenser. Refer to *Figure 2*.

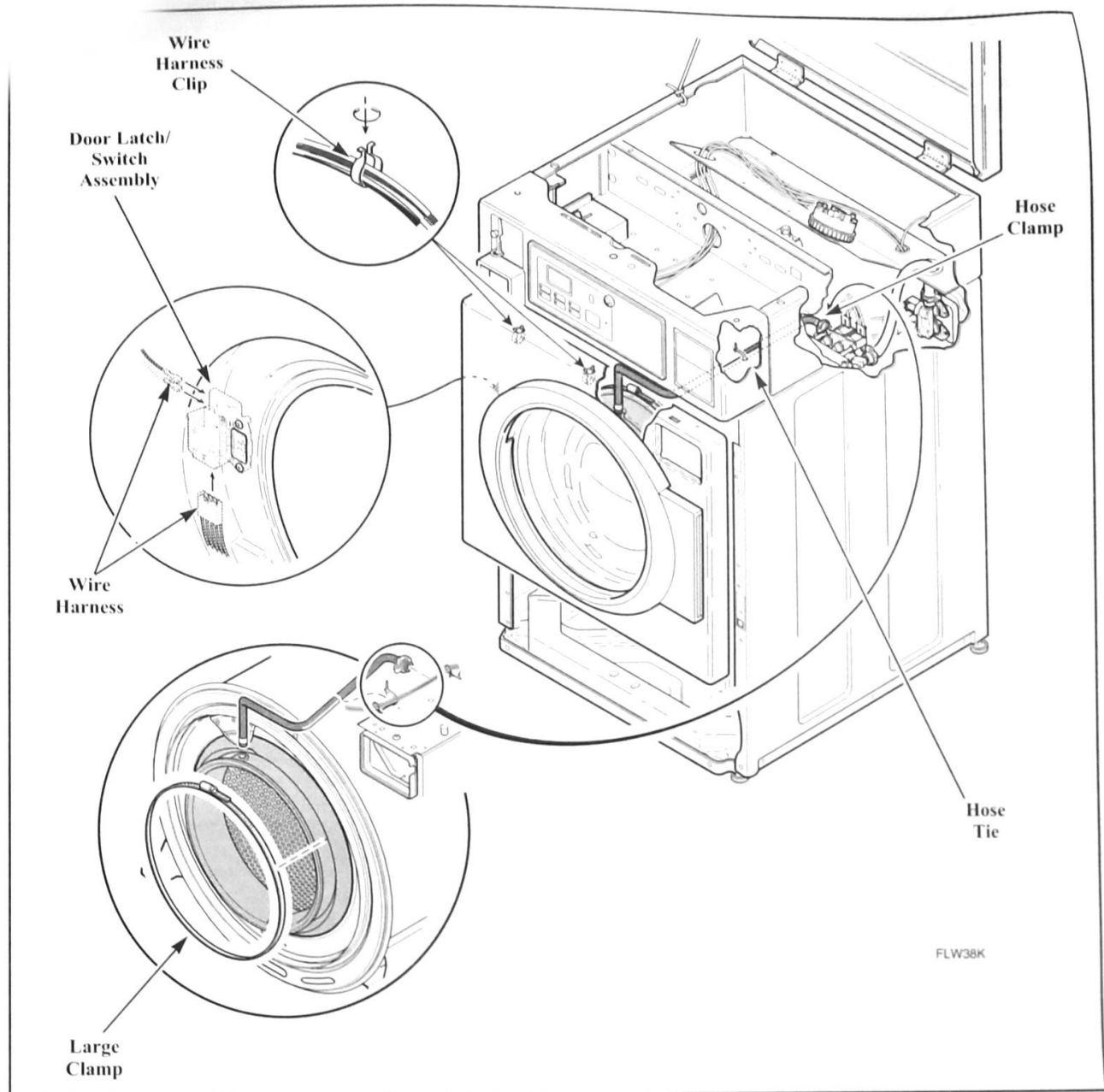


Figure 2

19. Loosen large clamp holding door seal to front of outer tub. Refer to *Figure 2*.
20. Carefully pull seal off front lip of outer tub front panel and remove door seal and hose assembly.
21. Loosen hose clamp holding dispenser-to-door seal hose to door seal nozzle.
22. Remove hose from nozzle.

Installing New Door Seal Assembly

1. Push hose onto new door seal nozzle until it sits on top of collar on nozzle. Hose should butt against nozzle collar. Refer to *Figure 3*.

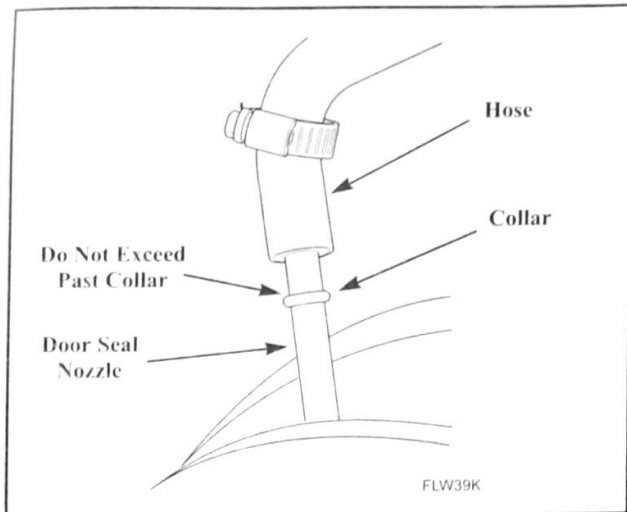


Figure 3

2. Place hose clamp so screw faces right at approximately 45 degrees from front of washer.
3. Tighten hose clamp to 28 inch-pounds (3.16 Nm).
4. Place new door seal assembly onto front lip of outer tub front panel with nozzle at 12 o'clock.
5. Replace large clamp holding door seal to outer tub.

6. Dispense both packets of lubricant as follows:
 - a. Using a brush applicator, apply about 80% of lubricant within outside lip of seal from 9 to 3 o'clock position. Refer to *Figure 4* and *Figure 5*.

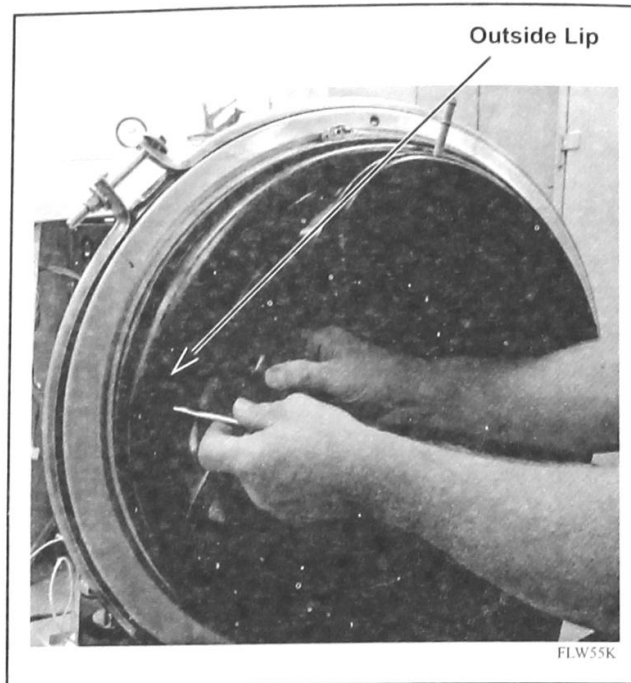


Figure 4

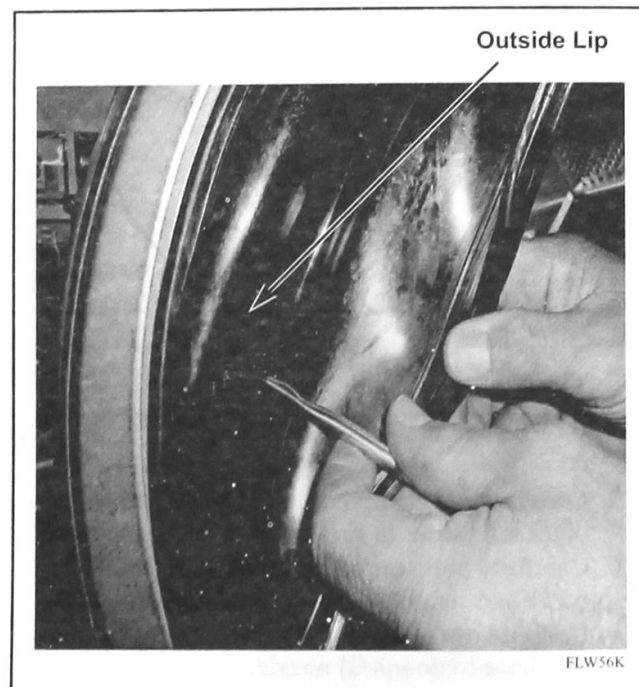


Figure 5

- b. Apply half of remaining lubricant around base of nozzle. Refer to *Figure 6*.

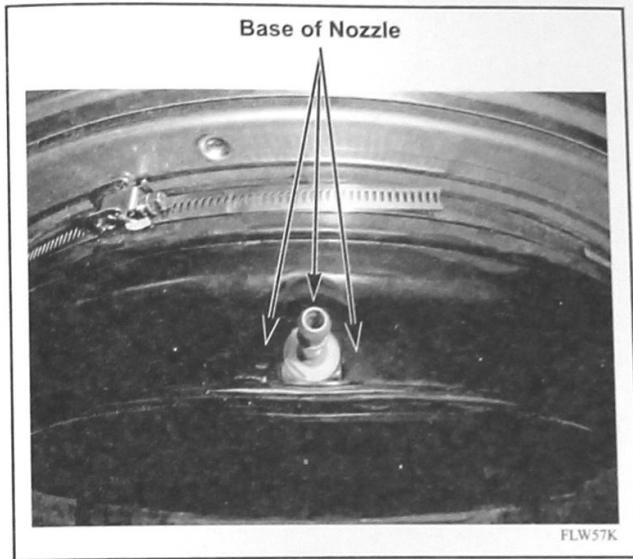


Figure 6

- c. Apply remaining lubricant to notch in seal behind nozzle. Refer to *Figure 7*.

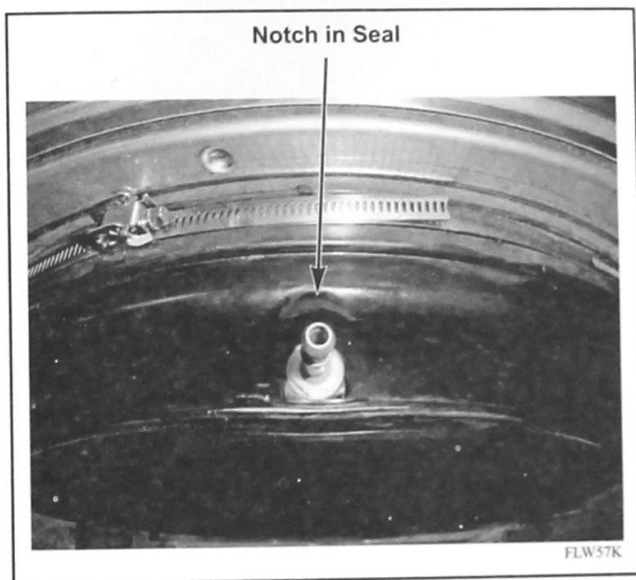


Figure 7

7. Reinstall dispenser-to-door seal hose to dispenser. Be sure to reinstall a new hose tie attaching door seal hose to dispenser plate. Refer to *Figure 2*.
8. **Rear Control Only**
 - a. Remove chain.
 - b. Lower cabinet top.
 - c. Replace two screws holding cabinet top to front flange of side panels.
 - d. If removed earlier, replace security bolt in left rear corner of cabinet top.

- (1) Remove two control panel attaching screws holding control panel to control hood.
- (2) Lay the assembly forward on protective padding on cabinet top.
- (3) Reinstall security bolt.
- (4) Reattach two screws holding control panel to control hood.
- e. Replace two screws inside bottom of meter case.
- f. Replace meter case service door.
9. Place front panel into position near washer.
10. Reconnect wire harness to door latch/switch assembly. Refer to *Figure 2*. Refer to wiring diagram when reconnecting door lock wires.
11. Place door seal hose and wire harness in appropriate clips and holes along top flange of front panel. A large wire clip holds both wire harness and door seal hose. Refer to *Figure 2*.
12. Reattach front panel with two bottom corner screws.
13. Replace lower access panel by inserting panel locators into bottom edge of front panel.
14. Replace two screws in bottom of access panel.
15. Replace door seal around edge of door opening on front panel. Door seal installation can be improved by using a water or soap solution to work seal around the circumference of loading door opening.
16. Replace wire clamp ring in groove of door seal and attach spring in six o'clock position.
17. Close loading door.
18. **Front Control Only**
 - a. Remove chain.
 - b. Lower cabinet top.
 - c. Replace two screws holding bottom flange of control cabinet to top flange of front panel.
 - d. Replace two screws holding front of cabinet top to top edge of control cabinet front.
 - e. Replace and lock control panel.
19. Replace dispenser drawer.
20. Plug power cord into outlet.
21. Turn on water supply to washer.
22. Run washer through complete cycle to make sure it is operating properly.