

Instruction Sheet R9900553 for Installation of Hub and Seal Kit R9900552

WARNING

To avoid risk of electrical shock, personal injury or death; disconnect power to washer before servicing, never start washer with guards and/or panels removed, and always reconnect ground wires after servicing.

R9900552 Hub and Seal Kit Parts:

Qty	Part Number	Description
1	R9900556	Hub and Seal Sub Assembly
4	40063301	Screw
1	40008301	Spline Insert
1	32857	Outer Tub Cover Gasket
1	39122	Gasket (Washtub)
1	R9900189	Drive Bell and Seal Kit
1	R9900553	Instructions
4	28094	Gasket

Obtain following items from your local parts distributor:

Qty	Part Number	Description
1	27615P	Sealant (Red 3M800)
1	27604P	Anti-Seize Compound
1	*27184	Outer Tub Cover Gasket
1	Obtain Locally	Petroleum Jelly (Vaseline®)

* Used on older production models

Installation Preparation

1. Refer to appropriate service manual and remove washtub.
2. Remove drive bell and seal, following instructions supplied in R9900189 Drive Bell and Seal Kit.
3. Remove large hex nut, using Hex Wrench part number 306P4. See Figure 1.
4. Remove and discard spline insert from transmission tube.

IMPORTANT: Use new spline insert (supplied in kit) when reinstalling large hex nut. DO NOT reuse an old spline insert, because large hex nut may loosen during washer operation.

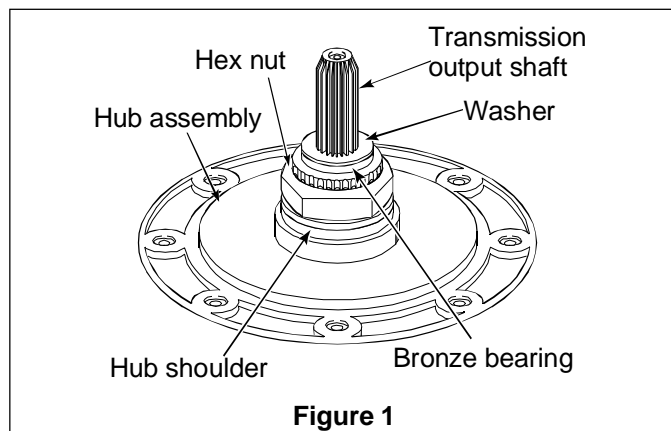


Figure 1

5. Remove hub assembly from splines on transmission tube.

NOTE: A gear puller may be necessary to remove hub assembly

6. Remove water seal from outer tub.

IMPORTANT: Use caution when removing seal so as not to damage outer tub flange or porcelain finish.

7. Thoroughly clean all foreign material from inner surface of outer tub flange.

IMPORTANT: All foreign material must be removed from inner surface of outer tub flange before installing R9900552 Hub and Seal Kit.

8. Apply a small amount of sealant, part number 27615P (available from parts distributor), around outer surface of tub flange. See Figure 2.

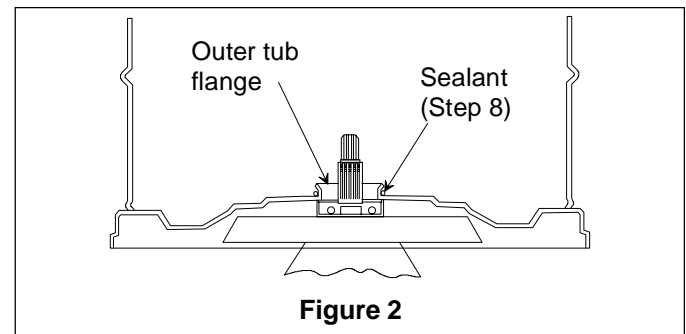


Figure 2

9. Apply a light film of nonstaining petroleum jelly (such as Vaseline®) to bronze portion of water seal and to outer surface of stainless steel sleeve. See Figure 3.

IMPORTANT: DO NOT over lubricate!

10. Insert stainless steel sleeve into water seal from bottom of water seal until stainless steel sleeve is flush with bronze portion of water seal. See Figure 3.
11. Leaving garter spring on water seal, place new water seal over outer tub flange (with seal lip on outside of tub flange). Then press seal into tub flange opening using moderate finger pressure.
12. Carefully apply a small amount of sealant, part number 27615P, around outer edge of water seal and tub (area located just below garter spring). See Figure 3.

IMPORTANT: DO NOT allow sealant to contact sealing surface of water seal because it will cause a water leak.

13. Lubricate inner splines of new hub assembly (supplied in kit) with anti-seize compound (available from parts distributor).

14. Carefully place new hub assembly on splined transmission tube.

IMPORTANT: Firmly push hub assembly down against outer seal and hold in this position during the next three steps.

15. While holding hub assembly down, place new spline insert (with fingers pointing upward) over transmission tube until it bottoms out on hub assembly.

16. Place large hex nut over transmission tube (with larger inside bevel toward spline insert) then finger tighten large hex nut.

17. Torque large hex nut between 40 and 70 foot pounds (5.56 and 9.73 Kgm).

NOTE: If torque wrench is not available, place hex wrench, part number 306P4 over large hex nut, then tap hex wrench with a hammer until hub assembly turns or until large hex nut will no longer tighten.

If a lint filter was originally installed between washtub and hub assembly, then it must be reinstalled before installing washtub in washer. Proceed to step 18.

If a gasket was originally installed between washtub and hub assembly, then Washtub Gasket, part number 39122, (supplied in this kit) must be installed before installing washtub in washer.

18. To install Washtub Gasket, part number 39122 (supplied in this kit) follow these steps.

- a. Thoroughly clean all foreign material from seal surface area of hub where washtub attaches.
- b. Apply a small amount of nonstaining petroleum jelly to both surfaces where gasket will contact hub assembly and bottom of washtub.
- c. Carefully place gasket on hub assembly.

NOTE: Ensure holes in gasket are aligned with holes in hub assembly and all traces of original gasket are removed from bottom of washtub.

19. Grasp top flange of washtub and carefully lower washtub down onto lint filter (or gasket) and hub assembly.

IMPORTANT: Before setting washtub into place, make sure holes in hub assembly are aligned with holes in lint filter (or gasket).

20. Secure washtub to hub assembly using four cap screws, part number 40063301 and four gaskets, part number 28094 (supplied in kit).

NOTE: Gaskets are not used on models equipped with stainless steel washtub.

IMPORTANT: Porcelain Washtub Models-Use care when tightening cap screws to avoid chipping or damaging porcelain finish.

21. Install appropriate Outer Tub Cover Gasket, part number 32857 (supplied in kit). Outer Tub Cover Gasket 27184, used on older production models, is NOT supplied in kit. Refer to appropriate service manual for installation instructions.

NOTE: Part number 32857 outer tub cover gasket can be used in place of 38359.

IMPORTANT: When installing outer tub cover always use a new outer tub cover gasket.

22. Reassemble outer tub cover onto washtub. Refer to appropriate service manual for installation instructions.

23. Install seal, drive bell and agitator. Following instructions supplied in R9900189 Drive Bell and Seal Kit.

24. Reinstall cabinet top and front panel. Refer to appropriate service manual for installation instructions.

25. Pour one quart of water into washtub to lubricate pump.

26. Close loading door, set washer timer to final spin, start washer and allow empty washtub to spin for 30 to 60 seconds.

NOTE: Setting washer to spin allows petroleum jelly (applied to bronze portion of water seal) a chance to cover seal surface before a full tub of water is added to washer.

NOTE: Allow 27615P sealant to set for 15 minutes before filling tub with water from time sealant is applied. Customer can wash clothes at this time.

