

Replacement Drain Pump

For Washing Machines and Dishwashers.

Note 1: see Drain Pump General Information

Hoover Pump: H051 Hoover Pump fits (600-900-1200) drain pump (pump housing unscrew and rotates for the medium size top suspension machines (510,610,71 & more.) and Front Loader etc. Inlet 37mm, outlet 27mm. The replacement pump has a different motor to the original motor. Also fits some early USA washers.

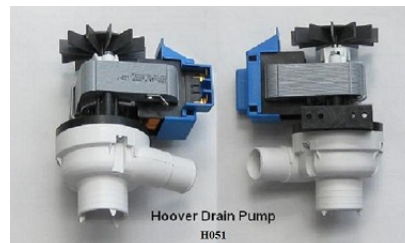


Illustration 1: H051 (Two views)

Simpson Pump. Two types

Early Simpson Drain pump (shaded pole motor) **SP080A** These have a bigger motor than the original pumps and come without a pump housing. Simpson used many different housings, some with a button trap. The original pump is not repairable.



Illustration 2: SP080A

Late Simpson Drain Pumps (synchronous/magnetic pumps) **SP080S**. These come with a pump housing and are interchangeable with SP080A, see note 1. They have 4 lugs instead of 3 on the other universal synchronous drain pumps. See picture on Housing details. SP080 is interchangeable with SP080A. The inlet 24mm, outlet 24mm



Illustration 3: SP080S



Simpson pump with 4 lugs, dimensions of pump and housing

Illustration 4: SP080S Lugs

Fisher and Paykel Drain Pumps, see its own page.

Kleanmaid/Speedqueen Drain Pumps (shaded pole motor) **KM040(Genetic)**. Shaded pole pump with housing. Inlet 24mm Outlet 24mm.

Alternative: Use a Simpson early pump (Shaded pole motor). The housing needs a little plastic filed off it to fit. The pump motor is a little smaller, but is OK and will last the rest of the life of the machine. Also, use SP080S.

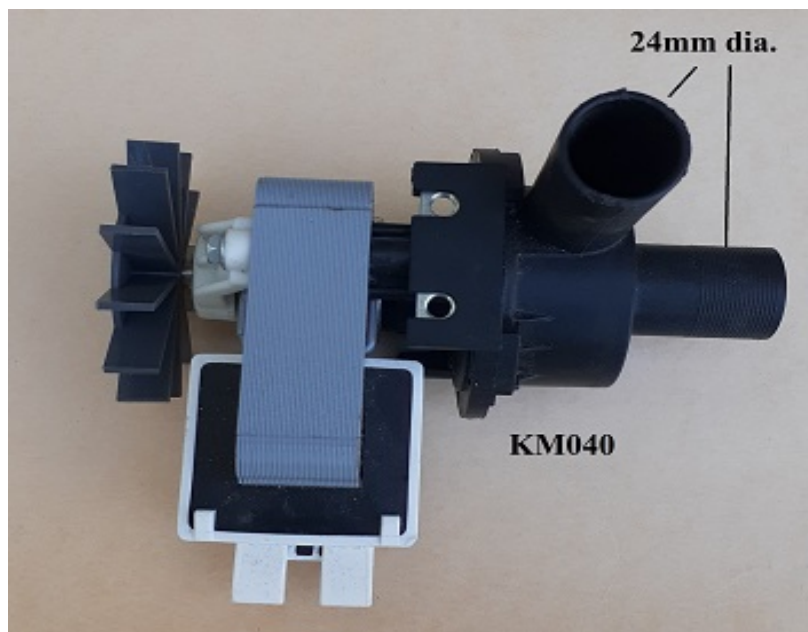


Illustration 5: KM040

Synchronous Drain Pumps These come with 2 fittings for the pump housing.

UN1087 Screw-on. Details: "A" Locating lugs (3), "B" Holes for screws (4), only 3 used, "C" No wear in bearings There should be no sideways wear in bearings. If there is any wear the pump should be replaced. The wear will cause the rotator to "pole" and the pump will not start to rotate some times. See note 1.

Pump housing "D" is 60 to 60.5mm

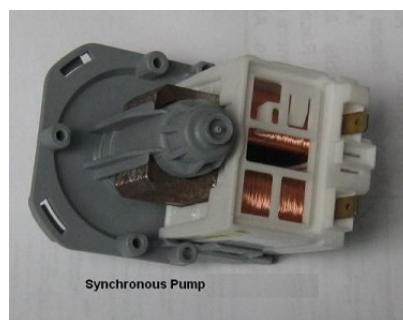


Illustration 6: Synchronous Coils

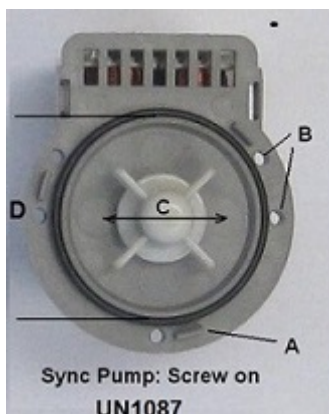


Illustration 7: UN1087 Housing connection

LG may have pumps that are a tight fit, use the old 'O' ring see YouTube
UN1087A is the same as UN1087 but with a plug for electrical connection.



Illustration 8: UN1087A

UN1205 Rotate on Rotate on with three (3) lugs to pump housing. SP080S (Simpson see above) has 4 lugs. Pump housing held in position by a plastic clip: "C" three (3) holding lugs Pix 2.
 Warning: Some washing machine manufactures put a holding screw in the back also
 Pump housing 60 to 60.5mm

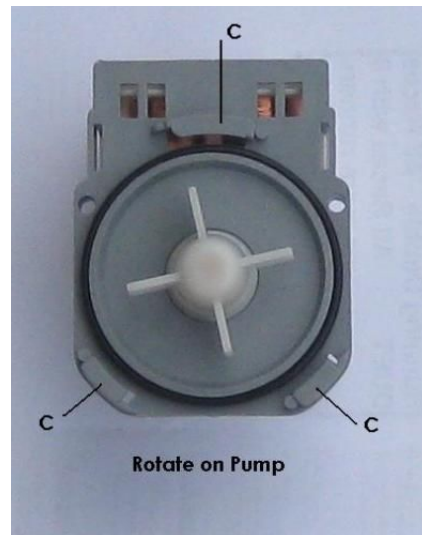


Illustration 9: UN1205

UNI011-4 Universal pump with 4 pump housing.

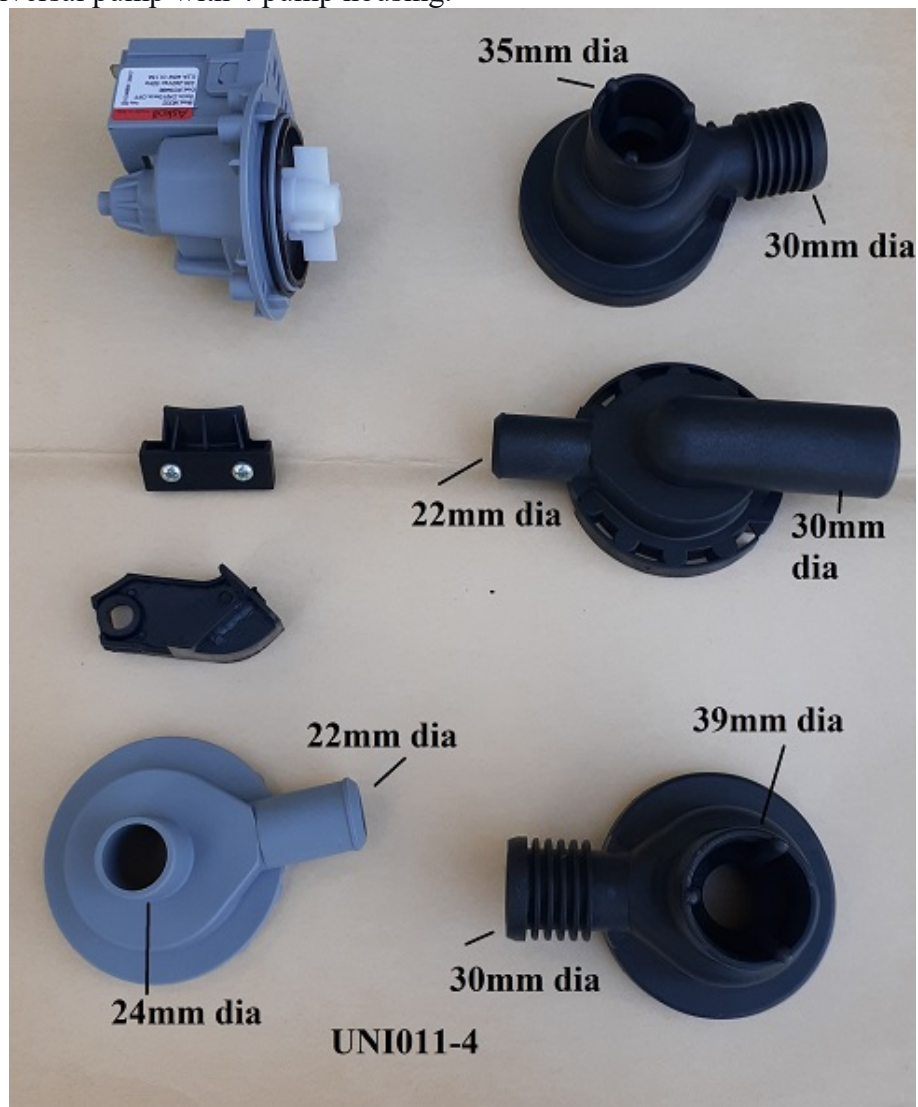


Illustration 10: UNI011-4

Used Pumps

Hoover (H051) and Simpson Pumps (SP080A)

Hitachi Drain Pump Very Limited number of used pumps. If the winding are faulty, a used pump is needed. If the pump leaks leaks water then a new replacement seal needed, see 'Pump seal'

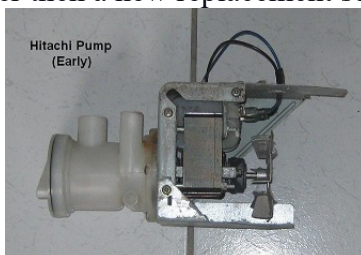


Illustration 11: Hitachi Pump

Kleammaid pumps

Whirlpool pumps