



# Float Switch and Sump Pump Kits

Models Affected: All Wash Equipment

**Tech Tip**  
**TT-928**

## Subject:

Improvements to BHS wash equipment components provides increased durability, reliability and serviceability.

## Description:

The Recirculation/Neutralization System (RNS)\* units now come standard with a new and improved float switch which reduces blockages and lasts longer. With an enclosed float and sealed electromagnetic switch, the new float switch offers greater reliability and durability. The new float switch is available in various kits to replace the previous switch and can be used in standard wash stations such as the Hardwood Wash Station (HWS)/Rollwer Wash Station (RWS) or Battery Wash Cabinet (BWC) applications.



In addition to the upgraded float switch, an externally mounted sump pump is now standard equipment on BWC units. The new pump is more durable, and the external mounting offers improved serviceability over the previously internally mounted sump pump.

*\*The float switch and sump pump are components of the RNS unit despite being located inside the wash cabinet.*

## Recommendation:

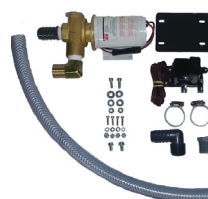
BHS offers kits to update older units to the new float switch and/or sump pump. For information on these and all of our available parts kits, please visit [BHS1.COM](http://BHS1.COM). Parts kit information can be found in the Library under Technical Literature.



### FLOAT SWITCH REPLACEMENT KIT P/N: 80672001

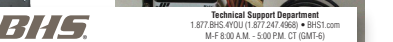


### External Pump and Float Switch Retro Kit P/N: 80672003



QTY	PART#	DESCRIPTION	QTY	PA
1	80672001	FLOAT SWITCH REPLACEMENT KIT	1	PB
1	PB1012	PUMP	1	PB
1	42717015-2	BRACKET-MOUNTING-PUMP	1	PB
1	ES011	JUNCTION BOX	2	PB
1	ES012	COVER-JUNCTION BOX	2	HH
1	ES016	RESTRAINT-1/2"	2	SS
1	ES023	RESTRAINT-1/2"-90 DEG	4	SS
1	ES024	RESTRAINT-1/2"	2	SS
2	ES027	LOCKOUT-CONDUIT-1/2"	4	SS
6'	ES025	16-2 S/D CABLE	8	SS
3	E1045	CONNECTOR-INLINE	4	SS
1'	E1150	HEAT SHRINK	2	HH
1	PB0103-1	ELBOW-90 DEG-3/4" NPTF X 1" BARB	1	88

\* SOME PARTS INCLUDED IN ASSEMBLY ARE



### RNS-1 Replacement Sump Pump Kit P/N: 80572003

For use with BHS Models: RWS-3, RWS-3-14, HWS-3 and HWS-3-SS



QTY	PART#	DESCRIPTION	QTY	PART#	DESCRIPTION
1	13018005	MOUNT-CENTRIFUGAL PUMP	3	HW1019	HOSE CLAMP
1	13018006	SHIM-MOUNT-CENTRIFUGAL PUMP	7	HW0302	BOLT-1/4-20 X 3/4" HHCS
1	13017008-2	BRACKET-MOUNT-HWS	9	HW0104	WASHER-FLAT-1/4 SAE
1	PB1020	PUMP-CENTRIFUGAL	7	HW0050	NUT-1/4-20 FLANGED-ZP
17'	ES024	16-2 S/D CABLE	2	HW0301	BOLT-1/4-20 X 3/4" SELF TAPPING
1	E1011	PLUG-TWIST LOCK	1	ES016	RESTRAINT-250-3/16
1	PB0102-2	FLOAT SWITCH	1	ES024	RESTRAINT-1/2"
3	E1045	CONNECTOR-SPLICE	1	E1105	JUNCTION BOX-4" X 2" X 2"
30'	PB0001	HOSE-1" ID	1	E1106	COVER-JUNCTION BOX
1	PB0606	ADAPTER-1" NPT x 1" BARB	2	SS0113	SCREW-SHCS-#10-24 X 5/8"

\*\* KIT SHIPS ASSEMBLED

For more information call: **1.877.BHS.4YOU**  
(Outside the U.S. +1 314 890 0953)

