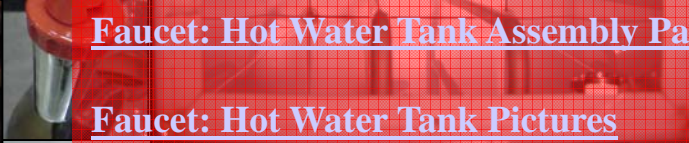
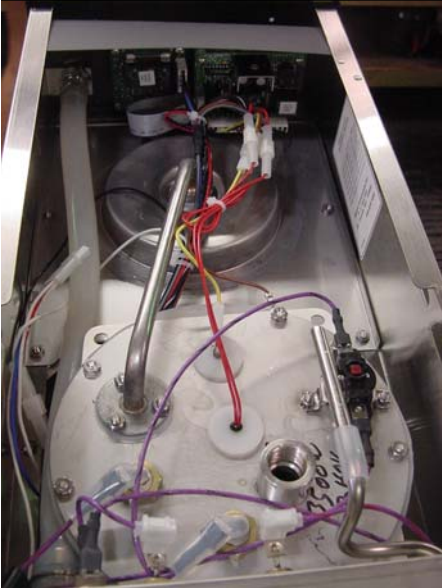
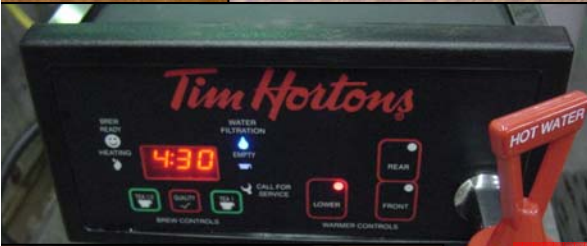


# SPARE PARTS: AKPA-3 BD-T HW



[Faucet: Hot Water Tank Assembly Part Numbers](#)

[Faucet: Hot Water Tank Pictures](#)

[Tea: Hot Water Tank Assembly Part Numbers](#)

[Tea: Hot Water Tank Pictures](#)

[Back Panel Assembly Part Numbers Exterior & Interior](#)

[Back Panel Pictures Exterior & Interior](#)

[Face Plate Assembly Part numbers & Pictures](#)

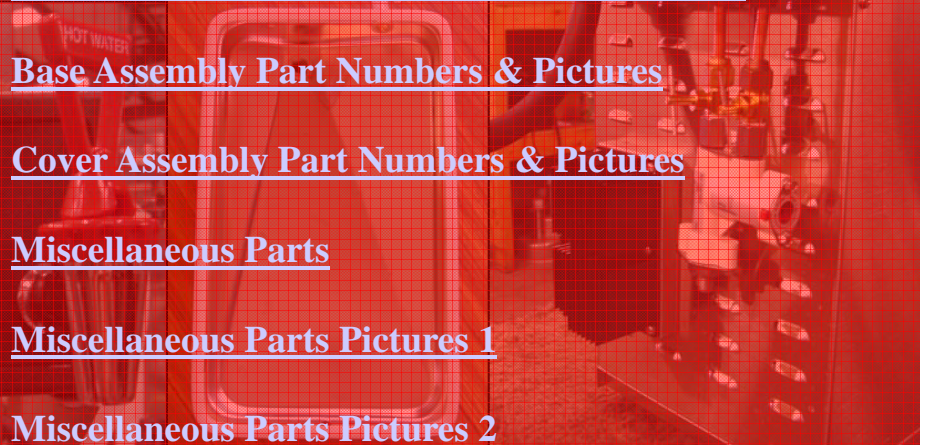
[Base Assembly Part Numbers & Pictures](#)

[Cover Assembly Part Numbers & Pictures](#)

[Miscellaneous Parts](#)

[Miscellaneous Parts Pictures 1](#)

[Miscellaneous Parts Pictures 2](#)

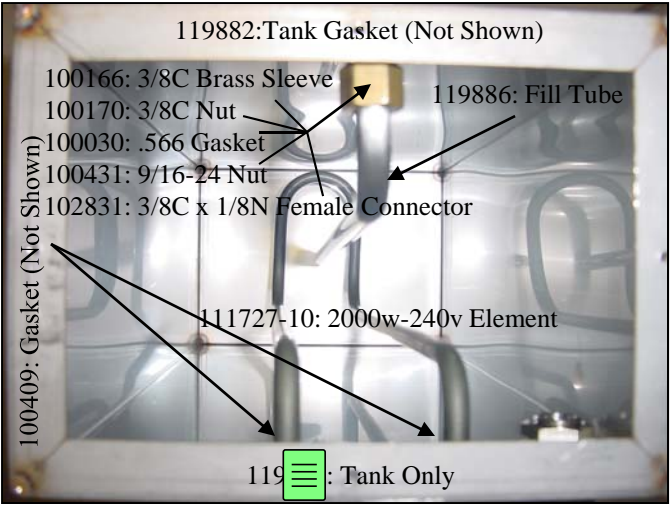
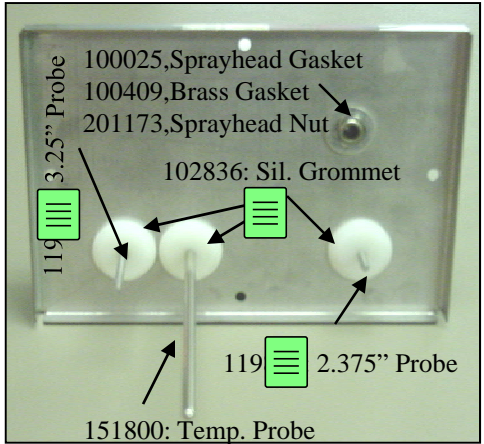
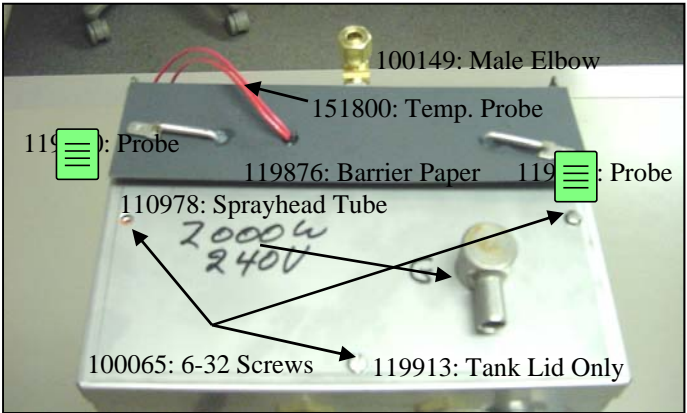
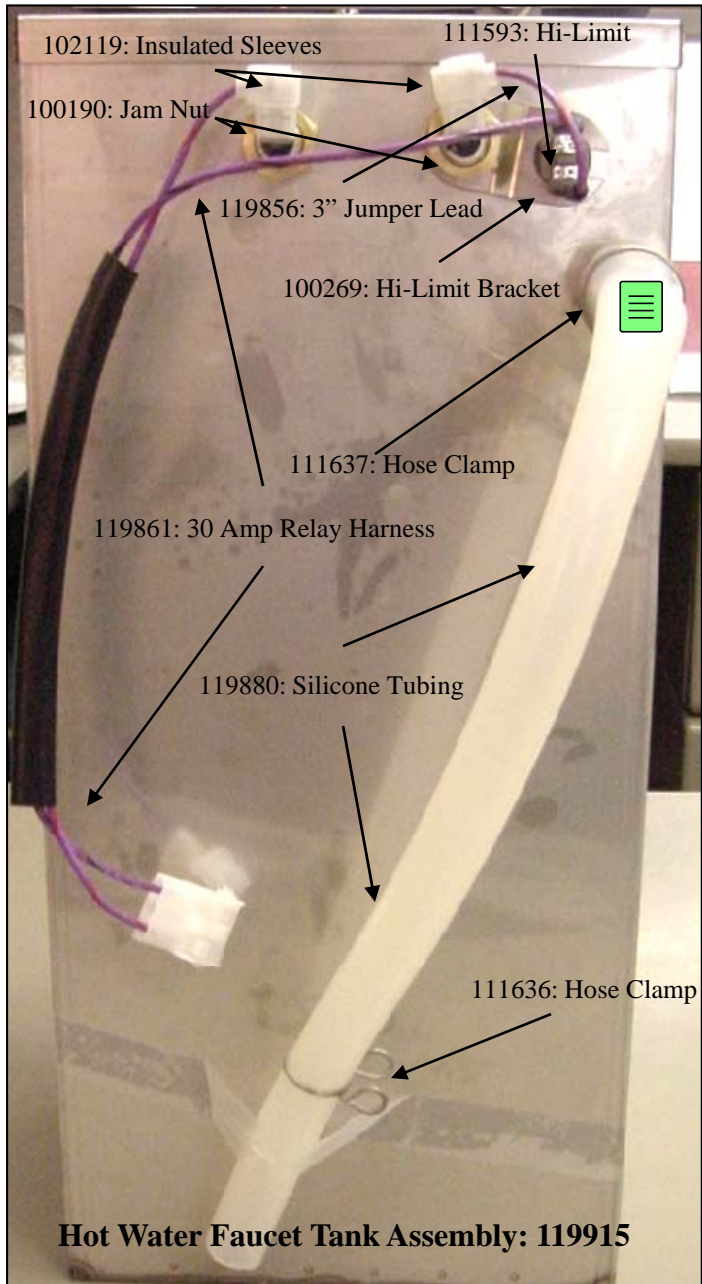


# FAUCET: HOT WATER TANK ASSEMBLY

## PART NUMBER 119915

<b>Heating Element (111727)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
111727-10	2000w - 240v Main Element	1 ea.	Inside the tank
100190	1/2-20 Jam Nut Brass	2 ea.	Outside the tank
100409	Brass Gasket Tin Plated .520" ID	2 ea.	Inside the tank
<b>Fill Tube Assembly (119885)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100166	3/8C Brass Sleeve	1 ea.	Inside the tank
100170	3/8C Compression Nut	1 ea.	Inside the tank
119886	Fill Tube Tank AKPA-HW	1 ea.	Inside the tank
100149	1/4C x 1/8 Male Elbow	1 ea.	Outside the tank
100030	Brass Gasket Tin Plated .566" ID	2 ea.	Inside/outside the tank
100431	Brass Nut 9/16-24 x 11/16H Tin Plated	1 ea.	Inside the tank
102831	Female Connector 3/8C x 1/8N	1 ea.	Inside/outside the tank
<b>From Tank To Faucet</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
800236	Tea Faucet Fitting	1 ea.	Outside the tank
119879	Faucet Nut 3/8-18 Chrome Plated	1 ea.	Inside the tank
800244	Nylon Gasket .671" x .937" x .062"	1 ea.	Between faucet fitting & tank
119880	Silicone Tubing 1/2" x 3/4" x 15"	1 ea.	From faucet outlet fitting to faucet
111637	Hose Clamp .829" ID	1 ea.	Clamps onto tubing at the faucet outlet fitting
<b>Tank Lid Assembly (119914)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100025	Sprayhead Gasket	1 ea.	Inside the tank lid on the sprayhead tube assy.
100409	Brass Gasket Tin Plated .520" ID	1 ea.	Between sparyhead gasket & nut
201173	Sprayhead Nut	1 ea.	On top of brass gasket (100409)
151800	Thermistor Probe Assy. C98	1 ea.	Between the tank lid (temperature probe)
102836	Silicone Grommet No Slit	4 ea.	Tank lid: probe,thermistor,drain hole
110978	Sprayhead Tube Assembly PC	1 ea.	On top of the lid w/100025,100409,& 201173
119876	Barrier Paper 2" x 7" AKPAHW Probe	1 ea.	On top of the lid
119890	Probe Spotwelded 3.25" W/Shrink	1 ea.	On top of the lid
119891	Probe Spotwelded 2.375" W/Shrink	1 ea.	On top of the lid
119913	Tank Lid Only AKHW	1 ea.	AKPA-3 DB-T HW
<b>Miscellaneous Parts</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100065	6-32 x 5/16" SPHMS S/S	4 ea.	Screws for the tank lid
100269	Hi-Limit Thermostat Bracket	1 ea.	Outside the tank
111593	Manual Reset Thermostat	1 ea.	Outside the tank
119856	Jumper Lead 14GA Violet/Red 3" 1s-2	1 ea.	From hi-limit to element
119861	30 Amp Relay Harness AKPAHW	1 ea.	From the element to the relay
102119	Insulated Sleeve 1/4 RH Angle	2 ea.	Used on tank wire leads
119882	Tank Gasket AKPA-HW	1 ea.	Between tank lid & tank
119916	Tank Only	1 ea.	Howater tank for the faucet

# FAUCET: HOT WATER TANK ASSEMBLY PART NUMBER 119915



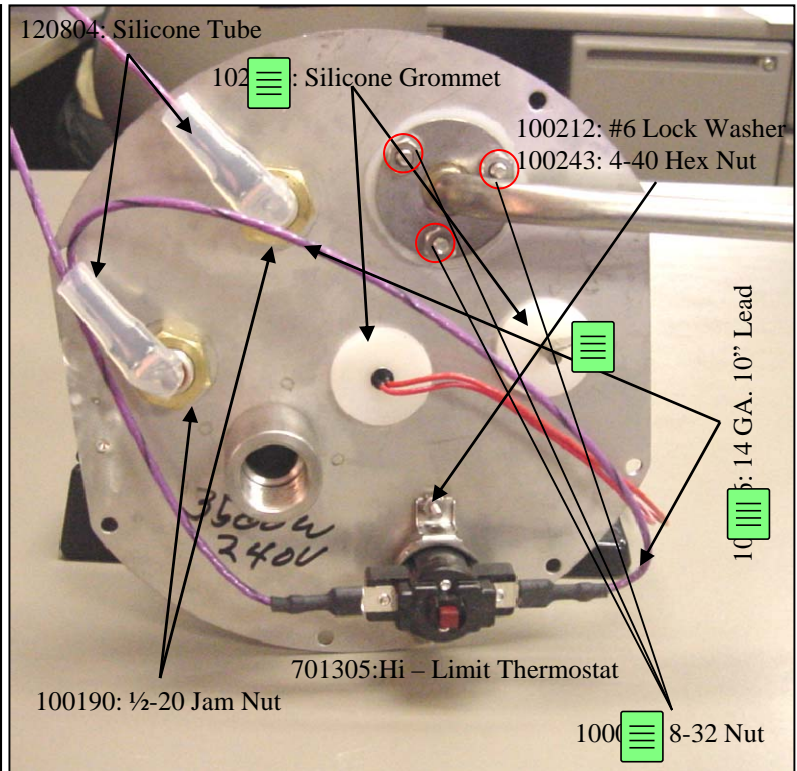
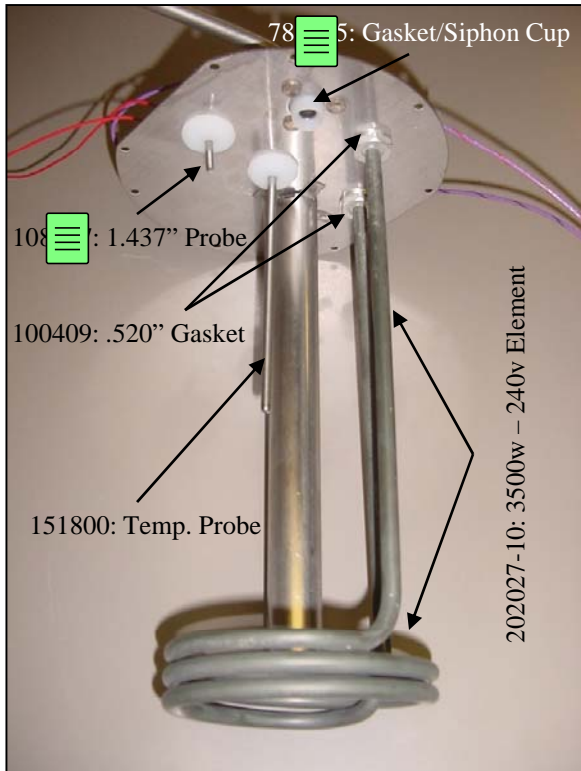
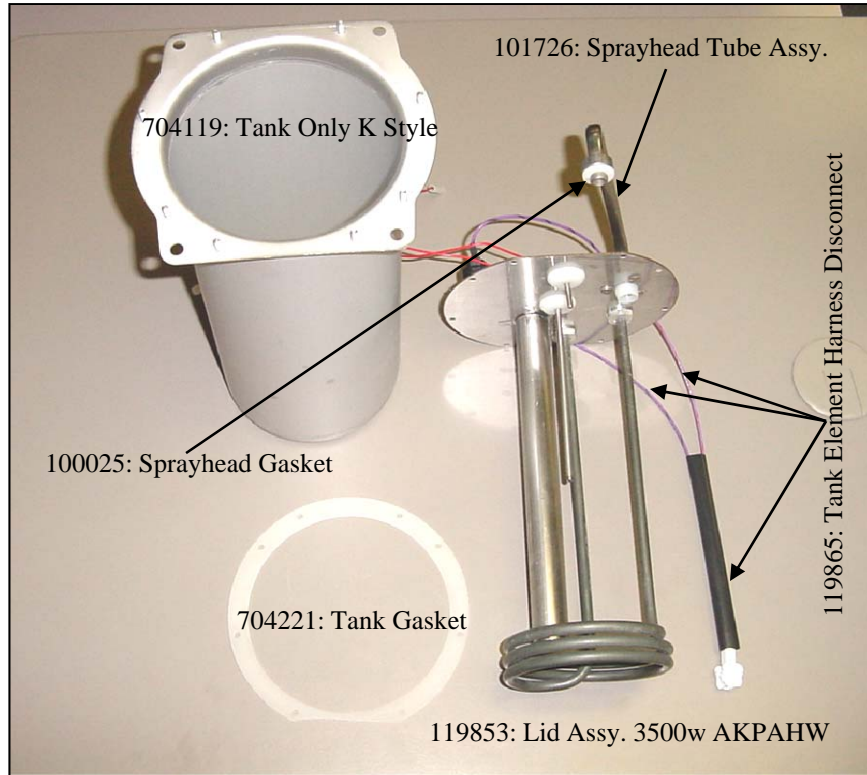
# TEA: HOT WATER TANK ASSEMBLY

## PART NUMBER 119852

<b>Tank Lid Assy. AKPAHW 3500W (119853)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100190	1/2-20 Jam Nut Brass	2 ea.	Heating element
100212	#6 Ext. Lockwasher S/S	2 ea.	Hi-Limit bracket
100243	4-40 Hex Nut S/S	2 ea.	Hi-Limit bracket
100409	.520" Brass Gasket Tin Plated	2 ea.	Heating element
102836	Silicone Grommet No Slit	2 ea.	Water probe & thermistor
103016	14GA Teflon Lead Vio/Blk 10" 1S-1S	1 ea.	Hi-Limit to element
108067	Probe Spotwelded 1.437" W/Out Shrink	1 ea.	On top of tank lid
119854	Tank Lid Spotwelded AKPA-HW 3500	1 ea.	On top of tank
119865	Tank Element Harness Disconnect	1 ea.	From hi-limit/element to relay
120804	Silicone Tube 1/4"ID x 3/8"OD x 1 5/8"	2 ea.	Protects element terminals
151800	Thermistor Probe Assembly C98	1 ea.	On top of tank lid
202027-10	Main Element 3500W 240V	1 ea.	Tank lid
701305	Hi-Limit Thermostat Reset (GK)	1 ea.	On top of tank lid
704119	Tank Only K Style	1 ea.	Tank hot water tea side
704221	Silicone Tank Gasket	1 ea.	Between tank & Lid
781255	Silicone Gasket Delivery/Siphon Cup	1 ea.	Between sprayhead tube & lid
<b>Miscellaneous Parts</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
101726	Sprayhead Tube Assembly AKLD	1 ea.	On top of tank lid
100025	Sprayhead Gasket	1 ea.	Sprayhead tube
100061	8/32 Hex Nut S/S	11 ea.	To connect tank & lid together
<b>Brewer Components</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
119887	Wrapper Spotwelded RH AKPA-HW	1 ea.	AKPA-3DB-T HW
119888	Bracket Faucet AKPA-HW	1 ea.	AKPA-3DB-T HW
119902	Receiving Pan Punched AKPA-HW	1 ea.	AKPA-3DB-T HW
119904	Rear Cover AKPA-HW	1 ea.	AKPA-3DB-T HW
119907	Column AKPA-HW	1 ea.	AKPA-3DB-T HW
119909	Wrapper LH AKPA-HW	1 ea.	AKPA-3DB-T HW
120801	Tank Riser Formed AKPA	1 ea.	AKPA-3DB-T HW
120808	Warmer Guard	1 ea.	AKPA-3DB-T HW
121636	Righthand Brew Rail AKPA	1 ea.	AKPA-3DB-T HW
121637	Lefthand Brew Rail AKPA	1 ea.	AKPA-3DB-T HW
121652	Brew Plate Spotwleded AKPA	1 ea.	AKPA-3DB-T HW
119878	Tank Stop Bracket AKPA-HW	1 ea.	AKPA-3DB-T HW
119889	Discharge Tube AKPA-HW	1 ea.	AKPA-3DB-T HW to rec. pan (119902)
119866	Standoff Drill .171 x 3/8" ZPB	2 ea.	AKPA-3DB-T HW

# TEA: HOT WATER TANK ASSEMBLY

## PART NUMBER 119852



# BACK PANEL ASSEMBLY AKPA-HW

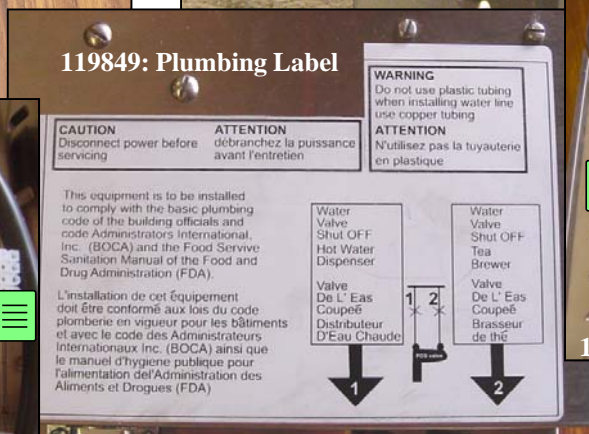
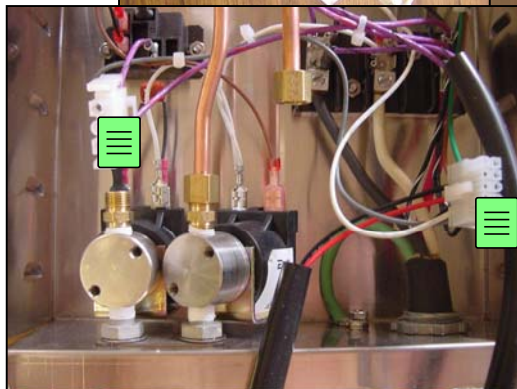
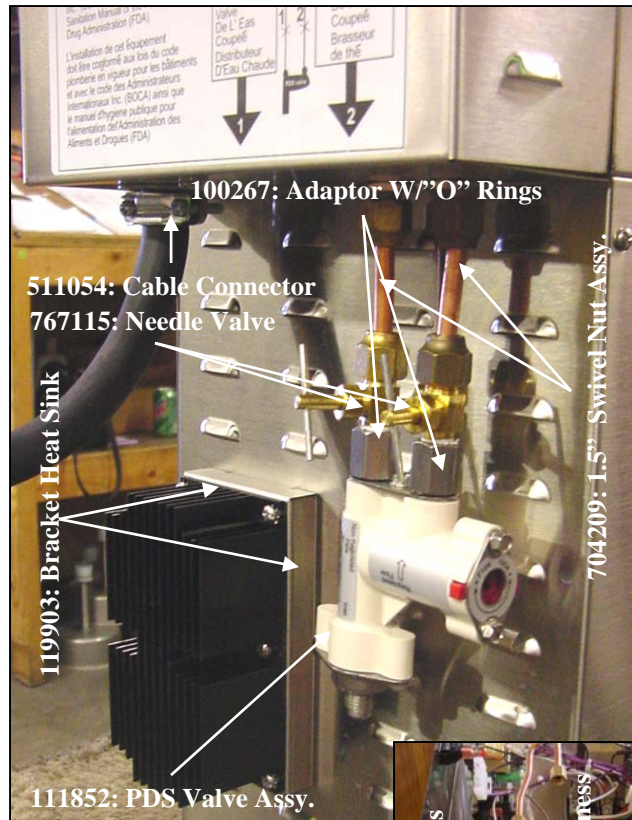
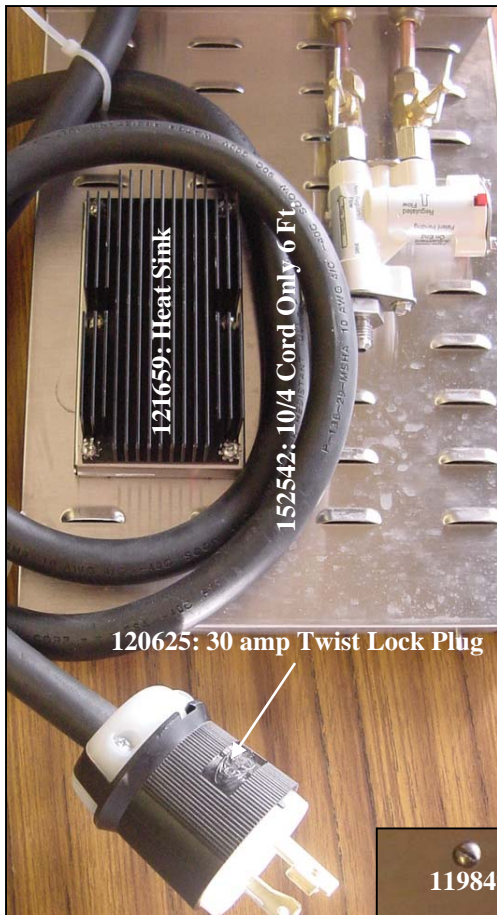
## PART NUMBER 119896

<b>Miscellaneous Parts</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100054	#8 Ext. Lockwasher S/S	9 ea.	Transformer, Ground, Terminal Block
100060	8-32 x 5/8" Screw S/S	1 ea.	Transformer
100061	8-32 Hex Nut S/S	7 ea.	Transformer, Ground, Terminal Block
100065	6-32 x 5/16" Screw SPHMS S/S	2 ea.	30 amp solid state relay (110958)
100191	6-32 Hex Nut S/S	4 ea.	Relays (110958 & 110367-10)
100388	6-32 x 7/16" Screw SPHMS S/S	2 ea.	50 amp solid state relay (110367-10)
100500	On-Off Rocker Switch Black	2 ea.	Power switch tea side & faucet side
101037	Ground Symbol Decal	2 ea.	Ground studs in panel
101205	8-32 x 3/4" Screw STHMS S/S	2 ea.	Terminal block 240v (511053)
102119	1/4" RH Angle Insulated Sleeve	3 ea.	Wire leads at the transformer
102333	6-32 x 3/8" Combohead Screw Sftap	4 ea.	Heat sink
102844	3/8" Circuit Board Support Nylon	4 ea.	Econo board (102844)
105115	Transformer 120vp 24vct 40va	1 ea.	Located in the back panel (119896)
110367-10	50 Amp Solid State Relay	1 ea.	Back panel (119896) connected to heatsink
110958	30 Amp Solid State Relay 12V DC	1 ea.	Located in upper back panel (119896)
110965	#6 Int. Tooth Washer	2 ea.	30 amp relay (110958)
111719	Board Econo Hot Water Dis	1 ea.	Located in upper back panel (119896)
111853	Solenoid Plate AKPA-HW	1 ea.	Below the two solenoid valves (100250)
119894	Swivel Nut Assembly 1/4 x .030 x 7.75	1 ea.	Connected to the faucet side solenoid valve
119903	Bracket Heat Sink AKPA-HW	1 ea.	Heat sink
<b>PDS Assembly Low Flow (111852)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100267	Adaptor 1/8" NPT x 1/2" W/ "O" Rings	2 ea.	Fittings used on regulated & unregulated side
110102	PDS Valve Family Of Labels	1 ea.	PDS valve body
110106	PDS Valve Only Low Volume	1 ea.	Used for 111852 PDS valve assembly
704209	Swivel Nut Assembly 1/4 x .030 x 1.5"	2 ea.	Used on the regulated & unregulated fittings
767115	Needle Valve 1/4FL x 1/8 NPT	2 ea.	Used on the regulated & unregulated fittings
<b>Valve Assy. AKPA-HW (119850)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100155	Male Connector 1/4C x 1/8NPT W/Nut	2 ea.	Solenoid valve (100250) outlet side
100250	Solenoid Valve (Skinner)	2 ea.	Located in upper back panel (119896)
100395	Male Connector 1/4F	2 ea.	Solenoid valve (100250) inlet side
111853	Solenoid Plate AKPA-HW	1 ea.	Underneath the two solenoid valves
511023	7/16-20 x 11/16" Brass Hex Nut	2 ea.	Solenoid valve (100250) inlet side
511046	7/16" Int. Tooth Washer S/S	2 ea.	Solenoid valve (100250) inlet side
<b>Back Panel AKPA-HW (119906)</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
119921	Label Power Tea AKPA-HW	1 ea.	Back panel - exterior - tea side
119922	Label Power Hot Water AKPA-HW	1 ea.	Back panel - exterior - faucet side
120024	6-32 x 3/4" Screw PPHMS S/S	2 ea.	50 amp relay (110367-10)
120142	Snubber Digi Board II	1 ea.	Connected to the tea side solenoid valve
121659	Heatsink 4.6" x 2.4" 1.5"	1 ea.	Back Panel - exterior

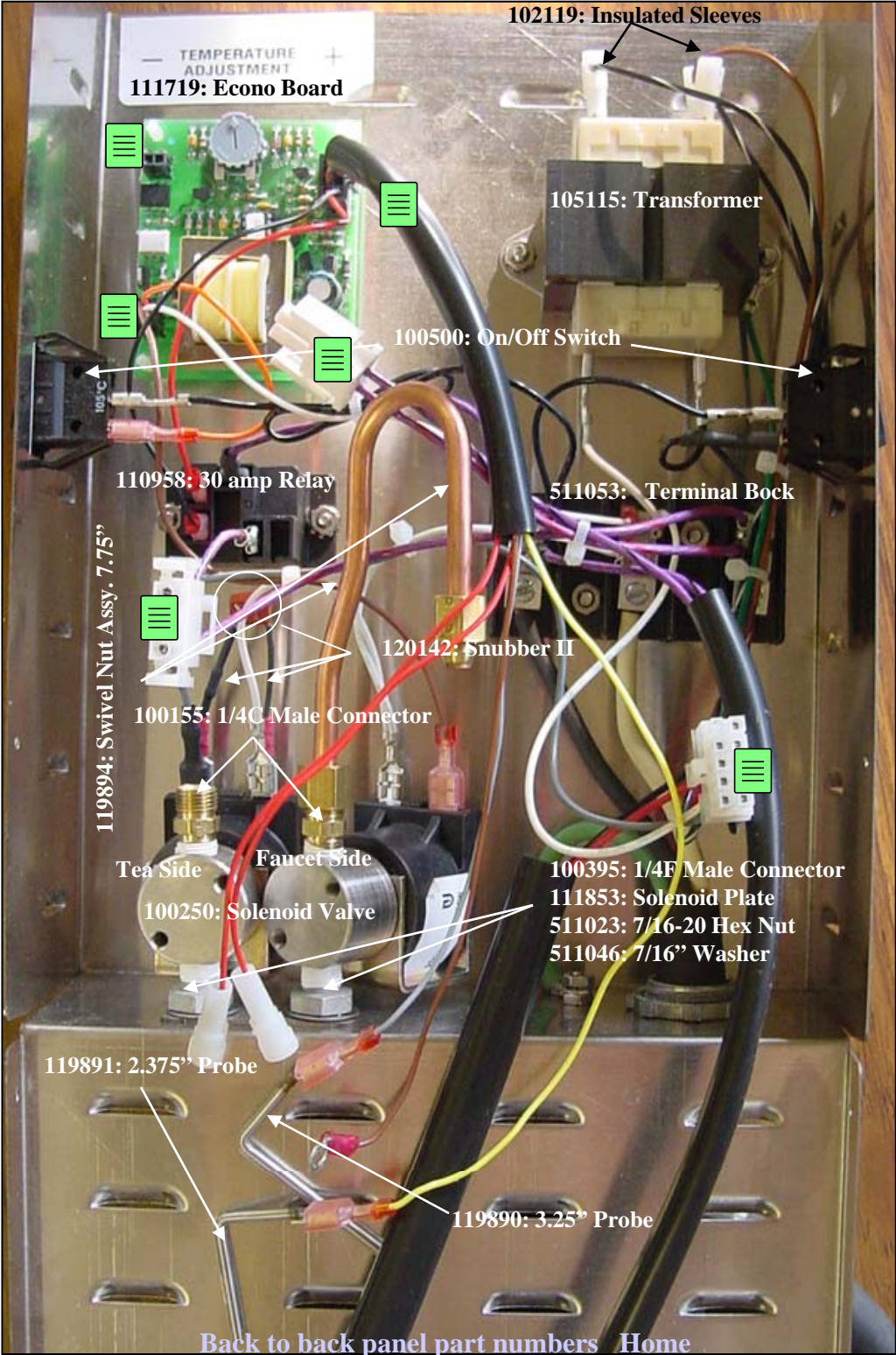
# BACK PANEL ASSEMBLY AKPA-HW

## PART NUMBER 119896 (Continued)

Cord Plate Assy. 30 Amp (151590)			
ITEM	DESCRIPTION	UNITS	WHERE USED
120625	Twist Lock Plug 30 Amp 250V	1 ea.	Cord assembly 151590
152542	10/4 Cord Only SOW-A 6 Ft.	1 ea.	Cord assembly 151590
201141	#10 Ring Terminal 12 - 10	1 ea.	Ground lead power cord
202863	Label 240V Terminal Block	1 ea.	Terminal Block 511053
511027	8-32 x 3/8" Screw SPHMS S/S	2 ea.	Transformer and ground lead
511053	Terminal Block 240V	1 ea.	Located in the back panel (119896)
511054	3/4" Cable Connector	1 ea.	Cord assembly 151590
704224	6-32 x 7/8" Scew PH S/S	2 ea.	50 amp realy (110367-10)



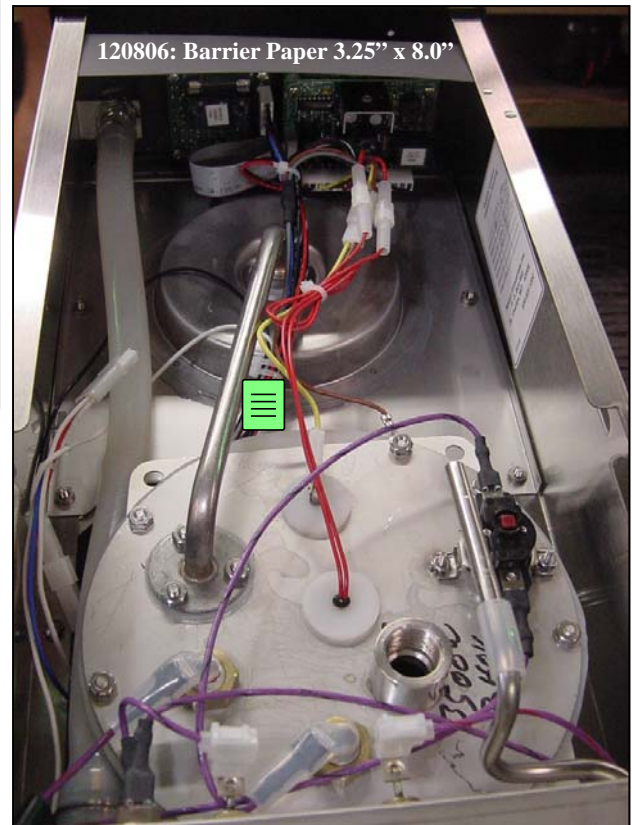
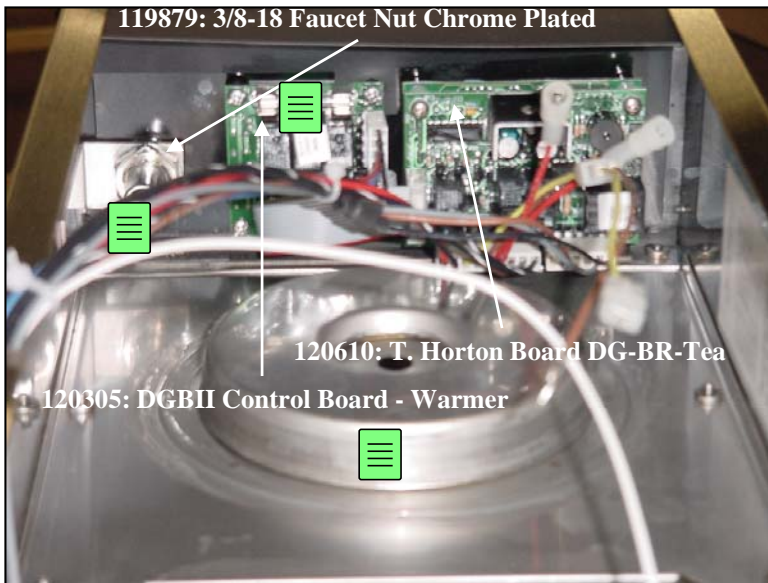
# BACK PANEL ASSEMBLY AKPA-HW PART NUMBER 119896



# FACE PLATE ASSEMBLY AKPA-HW

## PART NUMBER 119895

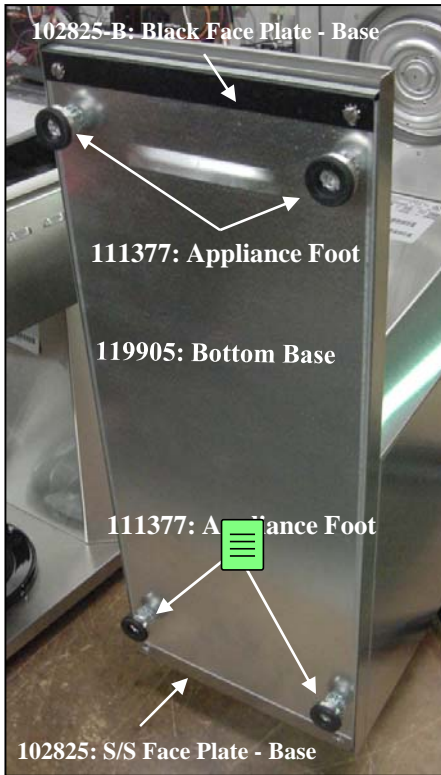
Plate Assembly AKPA-HW (119895)			
ITEM	DESCRIPTION	UNITS	WHERE USED
102333	6-32 x 3/8" Combohead Screw	4 ea.	Warmer board (120305)
119898	Face Plate Label Punched AKPAHW	1 ea.	Placed inside of warmer plate (119924)
119924	AKPAHW Plastic Warmer Plate	1 ea.	Screws into the front upper wrapper
120024	6-32 x 3/4" Screws S/S PPHms	4 ea.	T. Horton board (120610)
120305	DGBII Control Board - Warmer	1 ea.	Located on the 119895 plate assembly
120610	T. Horton Board DG-BR-TEA	1 ea.	Located on the 119895 plate assembly
120806	Barrier Paper 3.25 x 8.00	1 ea.	Located above the 2 control boards
151826	Gasket Face Plate FC (Strip)	1 ea.	Located on the lower section of the face plate



# BASE ASSEMBLY AKPA-HW

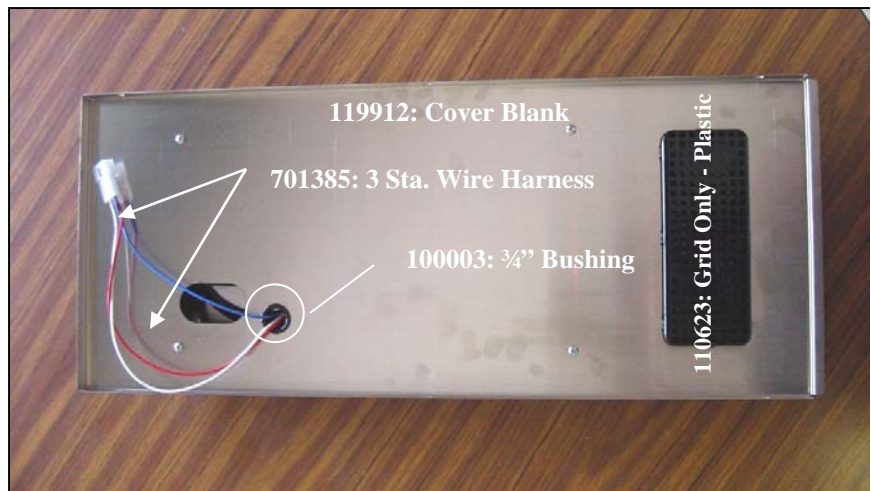
## PART NUMBER 119895

Base Assembly AKPA-HW (119897)			
ITEM	DESCRIPTION	UNITS	WHERE USED
100003	3/4" Plastic Snap-On Bushing	1 ea.	Upper base for wiring
100010	Warming Plate Assembly Black	1 ea.	Base assembly (119897)
100008	Porcelain Plate Only - Black	1 ea.	Warming plate assembly (100010)
100054	#8 Lock Washwe Ext. S/S	2 ea.	Warming plate assembly (100010)
100061	8-32 Hex Nut S/S	2 ea.	Warming plate assembly (100010)
100086	Support Plate Warming Element	1 ea.	Warming plate assembly (100010)
100187	100w - 120v Warming Element	1 ea.	Warming plate assembly (100010)
100054	#8 Lock Washwe Ext. S/S	2 ea.	Support Plate (100086)
100104	3/8" Lock Washer Ext. Zinc Plated	4 ea.	Used on appliance foot (111377)
100160	4-40 x 5/8" Screw SPHMS S/S	3 ea.	Warming plate assembly (100010)
100254	Decal Warning: "Hot Surface"	1 ea.	Top base AKPA-HW (119908)
102003	3/8-16 Hex Revnut	4 ea.	Bottom base AKPA-HW (119905)
102825	Base Face Plate S/S Ace	1 ea.	Bottom base AKPA-HW in back (119905)
102825-B	Base Face Plate Black Ace	1 ea.	Bottom base AKPA-HW in front (119905)
111377	3/8-16 x 1" Appliance Foot	4 ea.	Bottom base AKPA-HW (119905)
111667	3/8-16 Jam Nut ZPS	4 ea.	Attaches to appliance foot (111377)
119847	Harness Base With Connector	1 ea.	Warming plate assembly (100010)
119905	Bottom Base AKPA-HW	1 ea.	Base assembly (119897)
119908	Top Base AKPA-HW	1 ea.	Base assembly (119897)
511027	8-32 x 3/8" Screw S/S SPHMS	4 ea.	Attaches 119905 and 119908 together



# COVER ASSEMBLY AKPA-HW PART NUMBER 119911

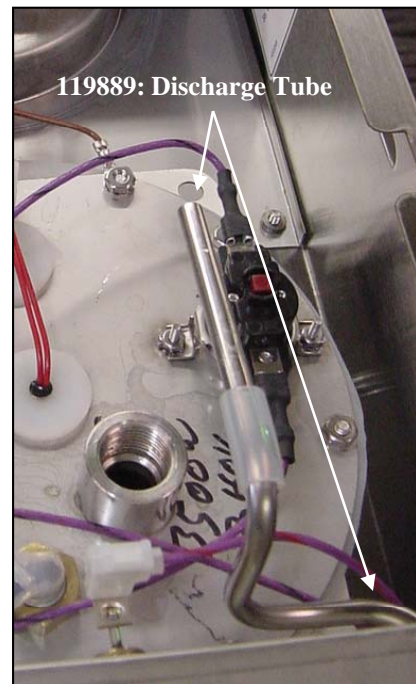
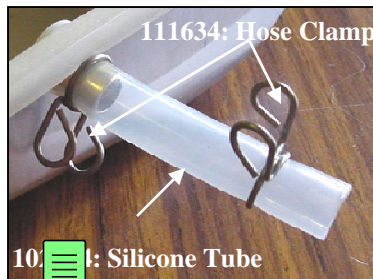
Cover Assembly AKPA-HW (119911)			
ITEM	DESCRIPTION	UNITS	WHERE USED
100003	3/4" Plastic Snap On Bushing	1 ea.	Cover AKPA-HW blank (119912)
100010	Warming Plate Assy. Black	2 ea.	2 station stove stop - cover (120811)
100008	Porcelain Plate Only - Black	1 ea.	Warming plate assembly (100010)
100054	#8 Lock Washer Ext. S/S	2 ea.	Warming plate assembly (100010)
100061	8-32 Hex Nut S/S	2 ea.	Warming plate assembly (100010)
100086	Support Plate Warming Element	1 ea.	Warming plate assembly (100010)
100187	100w - 120v warming Element	1 ea.	Warming plate assembly (100010)
100160	4-40 x 5/8" Screw SPHMS S/S	6 ea.	Warming plate assembly (100010)
100254	Decal Warning "Hot Surface"	1 ea.	Cover AKPA-HW blank (119912)
102333	6-32 x 3/8" Screw Combohead	4 ea.	Cover AKPA-HW blank (119912)
110625	Cover & Grid Pour In Assy. Black	1 ea.	Cover AKPA-HW blank (119912)
110623	Grid Only Plastic - Black	1 ea.	Cover & pour in assembly (110625)
110624	Cover Only Plastic - Black	1 ea.	Cover & pour in assembly (110625)
119912	Cover Blank AKPA-HW	1 ea.	Cover assy. AKPA-HW (119911)
120811	2 Station Stove Top - Cover	1 ea.	Cover assy. AKPA-HW (119911)
701385	Wire Harness 3-Sta Cover GK-NK	1 ea.	Cover assy. AKPA-HW (119911)



# MISCELLANEOUS PARTS

<b>Miscellaneous Parts</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
100025	Sprayhead Gasket	1 ea.	Receiving pan (119902)
100054	#8 Lock Washer Ext. S/S	14 ea.	Brew Rails, body to base, wrapper
100060	8-32 x 5/8" Screw S/S	2 ea.	Bracket to base
100065	6-32 x 5/16" Screw SPHMS S/S	6 ea.	Brew Rails
100284	Plastic Tie Wrap - 5 3/4"	7 ea.	Cord plate assembly (151590)
101101	#6 Split Lock Washer S/S	2 ea.	Brew Rails
102333	6-32 x 3/8" Combohead Screw	28 ea.	Body, wrapper, cover, back
102376	Brew Basket Small S/S Red Handle	1 ea.	AKPA-3 DB-T HW (111543)
102544	Silicone Tube 3/8" ID x 1/2" OD x 3"	1 ea.	Receiving pan (119902)
104137	.690" ID Star Lock Washer	1 ea.	Faucet (121263)
105310	6-32 x 1/4" Screw Black	4 ea.	Attaches Face Plate To Upper Wrapper
110176	Caution Label Frencl-English Handle	1 ea.	Brew basket (102376)
111223	Sprayhead Round Siphon	1 ea.	AKPA-3 DB-T HW (111543)
111634	.459" ID Hose Clamp	2 ea.	Receiving pan (119902)
111636	.672" ID Hose Clamp	1 ea.	Faucet (121263)
119849	Label Caution Plumbing - Valve	1 ea.	Back panel assembly (119896)
119875	Barrier Paper Rear 4 x 6 AKPA-HW	1 ea.	Back panel assembly (119896)
119879	3/8-18 Faucet Nut Chrome Plated	1 ea.	Faucet (121263)
119884	Label Temperature Adjustment	1 ea.	Back panel assembly (119896)
121263	Hot Water Faucet - Tim Horton	1 ea.	AKPA-3 DB-T HW (111543)
152225	Plastic Tie Wrap - 4"	7 ea.	Wiring harnesses
201173	Sprayhead Nut	1 ea.	Sprayhead tube (101726)
201275	Brass Insert 1/2" ID Tube	1 ea.	Receiving pan (119902)
511027	8-32 x 3/8" SPHMS S/S	4 ea.	Body to base
511050	Split Snap On Bushing 3/4"	1 ea.	Tank Riser
700015	Washer 1" OD x 3/4" ID S/S	1 ea.	Receiving pan (119902)
700016	Silicone Gasket 1.062" OD x .578" ID	1 ea.	Receiving pan (119902)
700041	Ground Clip K - Brewer	1 ea.	In the back of the upper wrapper (left side)
701147	Receiving Pan Gasket 36"	1 ea.	Receiving pan (119902)
701200	3/4-16 Slotted Hex Nut	1 ea.	Receiving pan (119902)
701544	Discharge Tube 1/2" x .028" x 9.00"	1 ea.	Inserts into receiving pan hole (119902)
119855	AKPA-3 DB-T HW Service Manual	1 ea.	AKPA-3 DB-T HW (111543)
<b>Wiring Harnesses</b>			
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>WHERE USED</b>
119858	Wire Harness On-Off Switch - T.B.	1 ea.	From on-off switches to terminal block
119859	Wire Harness On-Off Switch - T.B.	1 ea.	From on-off switches to board/terminal block
119860	Wire Harness Probe - Thermistor	1 ea.	From Faucet tank to board
119861	Wire Harness 30 amp Relay - T.B.	1 ea.	From back panel assy. To hot water tank
119862	Main Wire Harness AKPA-HW	1 ea.	Boards, lower warmer, & back panel
119863	Main Wire Harness Faucet Hot Water	1 ea.	From 50 amp relay to tea tank - hot water
119864	Main Wire Harness Tea Hot Water	1 ea.	From 50 amp relay to faucet tank - hot water

# MISCELLANEOUS PARTS



# MISCELLANEOUS PARTS

