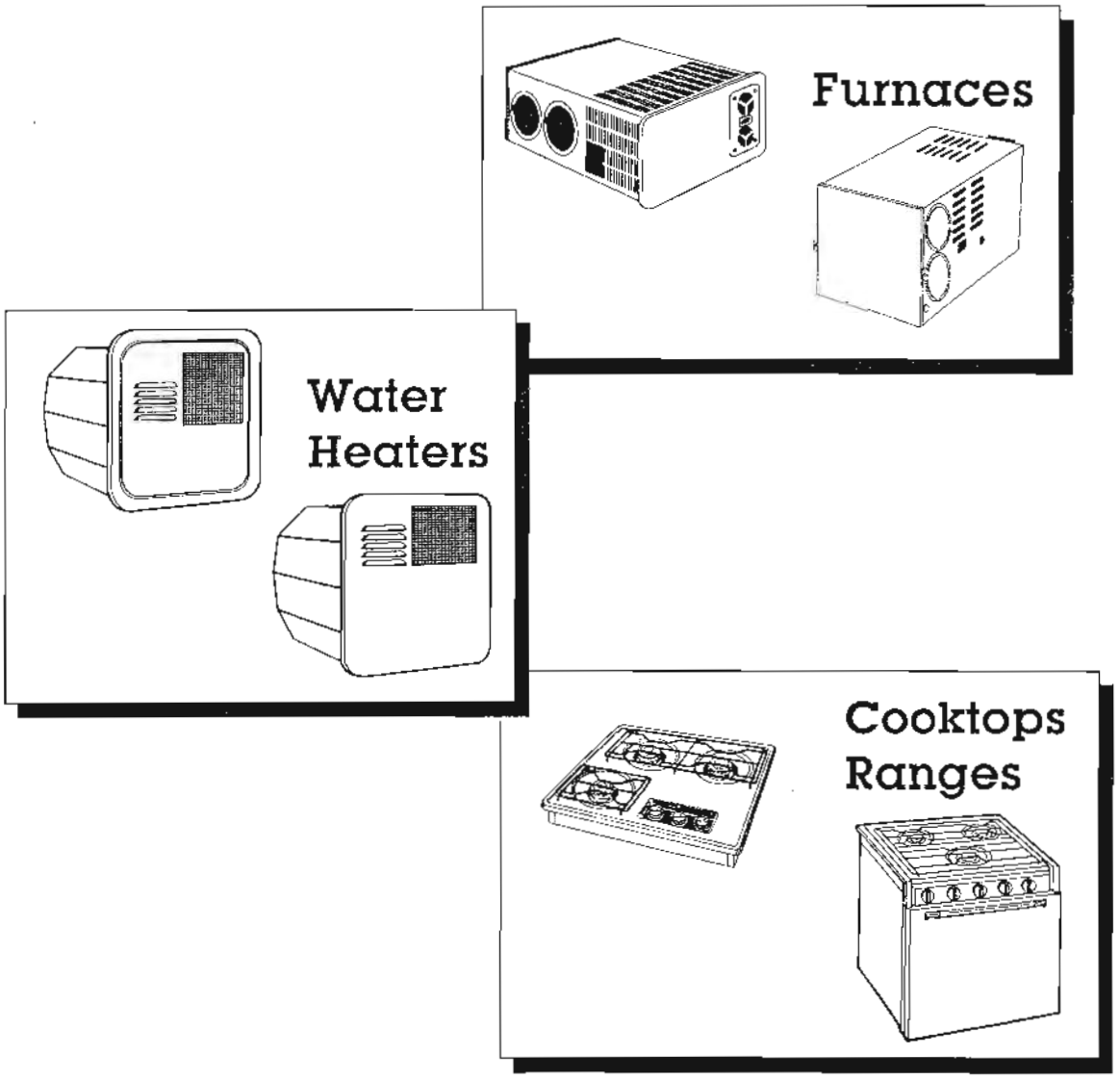
Suburban
RV Appliances

Gas Furnaces
Water Heaters
Cooktops
Ranges

Parts Manual



Suburban
Manufacturing Company
a subsidiary of AIRXCEL, Inc.

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Form No. 302
9-01

Suburban Manufacturing Company
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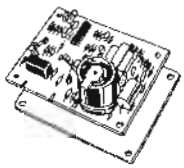
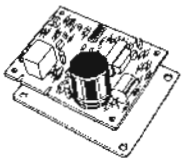
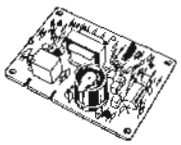
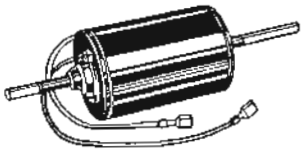
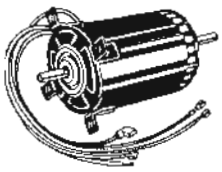
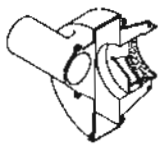
RV FURNACES
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	IGNITION CONTROL MODULE (FAN CONTROL 3 Try) LOCAL FLAME SENSE 12 VDC	520820
	FAN CONTROL MODULE BOARD WIRE KIT **(To Convert Non-Fan Control Module Board Furnace)** (Module board not included with kit. Order 520820 module board separately.) SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F NT-24/30/34SP; NT-40 NT-12/16//20S; NT-12/16/20SE DD-17DSI; DD-17DSIW	 520832 520839 520840 520841
	**IGNITION CONTROL MODULE (3 TRY)** LOCAL FLAME SENSE 12 VDC	520741
	**IGNITION CONTROL MODULE (1 TRY)** REMOTE FLAME SENSE 12 VDC NT-45 M/S; DD-17 DSI (Below Serial No. 912000061)	520612
	**IGNITION CONTROL MODULE (1 TRY)** REMOTE FLAME SENSE 24 VAC P-30S; P-40S; N-30M	230608
	**MOTOR** 12 VDC NT-12S/SE; NT-16SE NT16SE (Above Serial No. 000303844) NT-16/20S; NT-20SE NT-24 M/S/SP NT-30 M/S/SP NT-34 M/S/SP; NT-40 NT-25/30 K NT-35K SF-20/25/30; SF-20F/25F/30F (2 1/2 Inch Motor) SF-35/35F (2 1/2 Inch Motor) SF-42/42F (2 1/2 Inch Motor) SF-20; SF-20F (3 Inch Motor) (Above Serial No. 012205202) SF-25; SF-25F (3 Inch Motor) (Above Serial No. 012106952) SF-30; SF-30F (3 Inch Motor) (Above Serial No. 012003742) SF-35; SF-35F (3 Inch Motor) (Above Serial No. 012003642) SF-42; SF-42F (3 Inch Motor) (Above Serial No. 012305199) DD-17DSI; DD-17DSIW	 230616 230634 230634 231206 231207 231208 231166 231226 231706 231707 232212 232682 232682 232682 232684 232683 231916
	**MOTOR** 120 VAC P-30S; N-30M P-40S	 232302 231753
	**Combustion Air Housing** (Rear Half) (For 3 Inch Motors) SF-20; SF-20F (Above Serial No. 012205202) SF-25; SF-25F (Above Serial No. 012106952) SF-30; SF-30F (Above Serial No. 012003742) SF-35; SF-35F (Above Serial No. 012003642) SF-42; SF-42F (Above Serial No. 012305199)	 390849 390848 390848 390848 390848
	Screw #6 - 19 x 1/2 (Rear Half) (7 Required) (See Above for Serial Numbers)	121928

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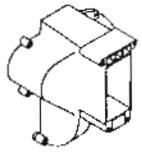
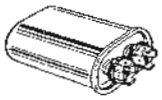
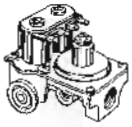
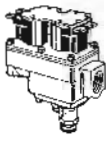
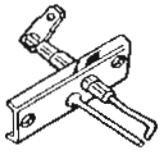
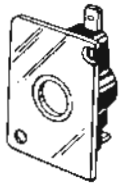
RV FURNACES
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	**Combustion Air Housing** (Front Half) (For 3 Inch Motors) SF-20; SF-20F (Above Serial No. 012205202) SF-25; SF-25F (Above Serial No. 012106952) SF-30; SF-30F (Above Serial No. 012003742) SF-35; SF-35F (Above Serial No. 012003642) SF-42; SF-42F (Above Serial No. 012305199)	390852
	Screw #8 - 18 x 2 1/4 (Front Half) (4 Required) (See Above for Serial Numbers)	121929
	**CAPACITOR** 7.5 UF P-40S	520837
	**GAS VALVE** 12VDC - SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F (Below Serial No. 921403846) (Serial No. 921403846 - 971303163) (Above Serial No. 971303163)	 161133 161070 161122
	**GAS VALVE** 24 VAC P-30S; N-30M P-40S **GAS VALVE** 12 VDC NT-12/16/20 S/SE; NT-24/30/34 S/SP; NT-25/30/35K; NT-40 NT-24/30/34M (Above Serial No. 1356773) DD-17DSI; DD-17DSIW	 161131 161132 161123 161123 161071
	**ELECTRODE** DD-17DSI; DD-17DSIW NT-16SE NT-12/16/20 S; NT-12/20 SE NT16SE (Above Serial No. 000303844) NT-12/16/20 S/SE (Above Serial No. 1716340) NT-24/30/34 M NT-24/30/34 S/SP; NT-40 (Above Serial No. 920500001) P-30S; P-40S; NT-40 NT-24/30/34 S/SP (Below Serial No. 920500001) NT-25/30/35 K	 231934 231932 231931 231931 520775 230590 231933 230956 230956 231168
	ELECTRODE AND WIRE ASSEMBLY SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F (Below Serial No. 921403895) SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F (Serial No. 921403895 - 934701426) SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F (Above Serial No. 934701426)	 231898 232166 232286
	ELECTRODE WIRE NT MODELS & P MODELS DD-17DSI	 230949 231783
	**LIMIT SWITCH** NT-12/16/20 S NT-12/16 SE NT-20SE NT-24SP NT-30SP NT-34SP; NT-24/30/34 M/S; P-30S NT-25K NT-30K NT-35K SF-20/20F (Above Serial No. 921403895) SF-25/30/35; SF-25F/30F/35F (Below Serial No. 921403896) SF-25/30/35; SF-25F/30F/35F (Above Serial No. 921403895) SF-42/42F (Below Serial No. 921403896) SF-42/42F (Above Serial No. 921403895) NT-40; P-40S DD-17DSI DD-17DSIW	 230621 230635 230849 231626 231244 230496 231780 231204 231227 232503 231630 232504 232231 232505 232580 231768 232389

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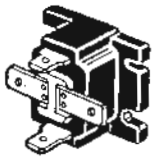
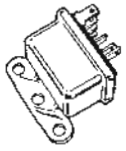
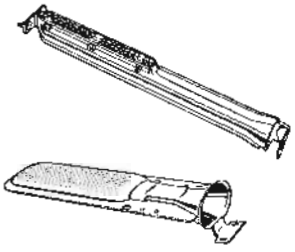
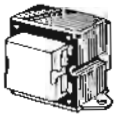
RV FURNACES
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	SAIL SWITCH	
	NT-12/16/20 S/SE	230933
	NT-24 M/S/SP	230510
	NT-30/34 M/S/SP; NT-25/30/35 K; P-30S; SF-20/25/30/35; SF-20F/25F/30F/35F	230509
	SF-42/42F (Below Serial No. 924201894)	230509
	SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F	232261
	NT-40	232279
	P-40S	232325
	DD-17DSI	231930
	DD-17DSIW	232396
	**DELAY RELAY**	
	NT-12/16/20 S/SE; NT-25/30/35 K; SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F	230625
	NT-24/30/34 S/SP; P-30S; P-40S; NT-40	231202
	NT-24/30/34 S ONLY (Above Serial No. 1600851)	231202
	DD-17DSI; DD-17DSIW	231769
	**THERMOSTAT RELAY**	
	NT-24/30/34 M/S (Below Serial No. 1600851)	230423
	THERMOSTAT	
	((All Models))	161154
	**BURNER ASSEMBLY**	
	NT-12/16/20S; NT-12/20SE	010614
	NT-16SE	010595
	NT16SE (Above Serial No. 000303844)	010614
	NT-24/30/34 S/SP; P-30S	010619
	NT-40	010702
	P-40S	010752
	DD-17DSI; DD-17DSIW	010763
	SF-20/20F	010767
	SF-25/25F	010762
	SF-30/30F; SF-35/35F	010745
	SF-42/42F	010799
	BURNER ORIFICE	
	NT-12 S/SE	180225
	NT-16 S/SE	180224
	NT-20 S/SE	180231
	NT-24 M/S/SP; NT-25K	180215
	NT-30 M/S/SP; SF-30/30F; P-30S; NT-30K	180214
	NT-34 M/S/SP; NT-35K; SF-35/35F	180222
	SF-20/20F	180188
	SF-25/25F;	180193
	SF-42/42F; NT-40; P-40S	180216
	P-40S (Nat. Only)	180259
	DD-17DSI; DD-17DSIW	530415
	**TRANSFORMER** 24 VAC	
	P-30S	230998
	P-40S	231779

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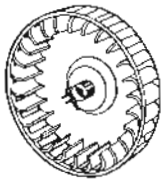
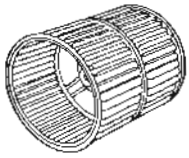
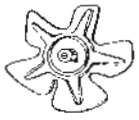
RV FURNACES
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	FAN SWITCH NT-24//30/34 M/S (Below Serial No. 1600851)	230575
	**COMBUSTION AIR WHEEL** NT-12/16/20 S/SE NT-24/30/34 M NT-24/30/34 S NT-24/30/34 SP; P-30S; NT-40 P-40S SF-20/20F SF-25/30/35; SF-25F/30F/35F SF-42/42F DD-17DSI; DD-17DSIW	 350082 350077 350069 350110 350124 350189 350184 350183 350126
	**ROOM AIR WHEEL** NT-24/30/34 M/S/SP; P-30S NT-25/30/35 K NT-40 P-40S SF-20/25/30/35/42; SF-20F/25F/30F/35F/42F	 350113 350105 350098 350086 350129
	**ROOM AIR IMPELLER** NT-12/16/20 S/SE DD-17DSI; DD-17DSIW	 350083 350125

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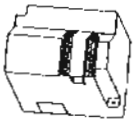
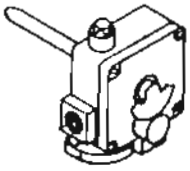
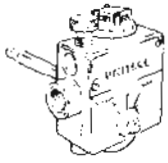
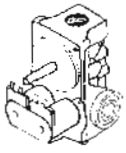
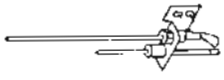
RV WATER HEATERS
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	IGNITION CONTROL MODULE - 3 TRY COVER NOT INCLUDED	520741
	IGNITION CONTROL MODULE COVER NOT INCLUDED, After Serial #953900766	520814
	**COVER, MODULE BOARD FOR 520741** (Except V Model)	090470
	COVER, MODULE BOARD FOR 520814 After Serial #953900766	090487
	**THERMOSTAT GAS CONTROL (FOR SW10P MODELS)** 3/8" NPT INLET 3/8" INVERTED FLARE	161105
	THERMOSTAT GAS CONTROL (FOR SW10P MODELS) 3/8" NPT INLET 1/4" LOXIT OUTLET (SW10P) After Serial #95360121	161111
	THERMOSTAT GAS CONTROL (FOR SW6P MODELS) 3/8" NPT INLET 1/4" LOXIT OUTLET After Serial #962802561	
	**THERMOSTAT GAS CONTROL/ 3/8" INVERTED FLARE**	160922
	THERMOSTAT GAS CONTROL 3/8" NPT Serial #934800777 - 95340118 (For SW6P & SW6PE Models Only)	161101
	THERMOSTAT GAS CONTROL 3/8" NPT INLET 1/4" LOXIT- OUTLET After Serial #95340118 (For SW3P, SW6P, SW6PR & SW6PER)	161112
	**GAS VALVE FOR DIRECT SPARK IGNITION** 3/8" NPT INLET 3/8" NPT OUTLET	161071
	GAS VALVE FOR DIRECT SPARK IGNITION 3/8" NPT INLET 1/4" LOXIT OUTLET 6 GAL. MODELS After Serial #953401118 10 GAL. MODELS After Serial #953601021	161109
	ANODE ROD (MAGNESIUM) STANDARD	232419
	ANODE ROD (ALUMINUM) OPTIONAL	231624
	THERMOSTAT/LIMIT - DSI (12 VOLT) OPTIONAL - 120° (ID #3213) (Not Available. Use #232282.) STANDARD - 130° (ID #2116) OPTIONAL - 140° (ID #2476)	 232282 232319
	THERMOSTAT/LIMIT ELECTRIC (120 VOLT)	520788
	THERMOSTAT/LIMIT - ELECTRIC (120 VOLT) After Serial #940900091 OPTIONAL - 120° (ID #3212) (Not Available. Use #232306.) STANDARD - 130° (ID #2306) OPTIONAL - 140° (ID #2475)	 232306 232317
	**PILOT BURNER ASSEMBLY** PILOT BURNER THERMOCOUPLE PILOT TUBE WITH FITTING	161156
	ELECTRODE ASSEMBLY (2 PRONG)	232258
	BURNER ASSEMBLY WITH ORIFICE ALL 3 GAL. MODELS After Serial #953602451	010844
	ALL 6 GAL. MODELS After Serial #953401118 ALL 10 GAL. MODELS After Serial #953601021	010843

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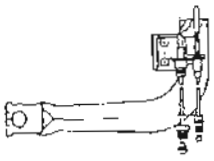
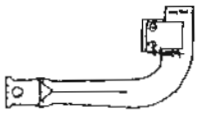
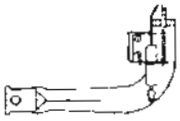
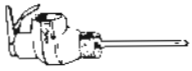
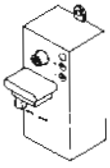
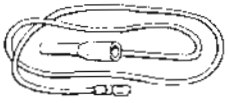
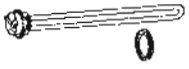
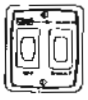
RV WATER HEATERS
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	**COMPLETE BURNER ASSEMBLY** PILOT TUBE BURNER SUPPORT BRACKET SHUTTER WITH SHUTTER SPRING PILOT BRACKET PILOT BURNER THERMOCOUPLE **SW-R MODEL'S BURNER ASSEMBLY**	010804 010805
	**BURNER WITH AIR SHUTTER** BURNER SUPPORT BRACKET PILOT BRACKET	010803
	**BURNER ASSEMBLY WITH AIR SHUTTER & ELECTRODE** DSI MODELS ONLY	010806
	**PRESSURE RELIEF VALVE** **3/4" NPT**	161157
	**REIGNITOR KIT COMPLETE** Before serial #953401118 Serial #953401118 - 991801501 After serial #991801501	 520773 520790 520821
	REIGNITOR CONTROL ONLY (All Models)	231620
	REIGNITOR ELECTRODE AND WIRE Before serial #953401118 Serial #953401118 - 991801501 After serial #991801501	 232260 232360 232602
	**ELECTRODE WIRE FOR "DM" OR "DEM" MODELS**	232313
	ELECTRODE WIRE - STANDARD "D" MODELS	232456
	**ELECTRIC ELEMENT** WITH GASKET-SCREW IN	520789
	**SWITCH & LIGHT ASSEMBLY**	232625
	SWITCH ELECTRIC ELEMENT	232362
	COVER/THERMOSTAT/LIMIT FOR MODELS DE PE D	 090467 090466 090454

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RV WATER HEATERS
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	GASKET THERMOSTAT COVER	070987
	ELEMENT COVER	090445
	GASKET ELEMENT COVER	070988
	GROMMET/THERMOSTAT COVER PLUG	070874
	GROMMET/GAS INLET	070989
	WATER DEFUSER - COLD (1 REQUIRED PER UNIT)	171054
	WATER DEFUSER - HOT (1 REQUIRED PER UNIT)	171509
	INVERTED FLARE ELBOW GAS INLET/PILOT`	171377
	30° NPT 3/8" X 3/8" FLARE ELBOW GAS INLET/PILOT (After Serial #934800777) - SW6 MODELS	171394
	45° NPT 3/8" X 3/8" FLARE ELBOW GAS INLET/PILOT-SW10P, PE, PER MODELS	171393
	ELBOW GAS INLET/DSI	170374
	1/4" LOXIT NUT 6 GAL. MODELS After Serial #953401118 10 GAL. MODELS After Serial #953601021	171463
	MANIFOLD OUTLET-DSI (SW6D & 10D MODELS) After serial #953401118	171420
	MANIFOLD OUTLET-PILOT (SW3P & 6P MODELS) After Serial #953401118	171421
	MANIFOLD OUTLET-PILOT (SW10 MODEL) After Serial #953601021	171422
	MANIFOLD OUTLET WITH ORIFICE/PILOT	171371
	MANIFOLD OUTLET WITH ORIFICE/DSI	171382
	BURNER ORIFICE #61	180260

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RV WATER HEATERS
FACTORY REPLACEMENT PARTS

ILLUSTRATED ITEM	DESCRIPTION	PART NO.
	ORIFICE, CUP #62 (180298) ORIFICE, CUP 1.15MM (180300) ORDER 010843 BURNER WITH ORIFICE (SW6 & 10 MODELS) ORDER 010844 BURNER WITH ORIFICE (SW3 MODELS)	N/A N/A
	BURNER BRACKET ASSEMBLY 6 GAL. MODELS After Serial #953401118 10 GAL. MODELS After Serial #953601021	063244
	FOAM JACKET HALF - SW3P (2 REQUIRED)	101784
	FOAM JACKET HALF - SW10 (2 REQUIRED)	101781
	FOAM JACKET HALF - SW6 (2 REQUIRED)	101780
	BANDING KIT (FOR FOAM JACKET)	520772
	DOOR HINGE	150117
	DOOR, SW MODEL, RADIUS CORNER - 6 GALLON Colonial White Polar White *Other Colors Available	 6261ACW 6261APW
	DOOR, SW MODEL, FLUSH MOUNT - 6 GALLON Colonial White Polar White DOOR, SW MODEL, FLUSH MOUNT - 10 GALLON Colonial White Polar White *Other Colors Available	 6255ACW 6255APW 6259ACW 6259APW
	KIT TO INSTALL EXISTING V MODEL RADIUS CORNER DOOR TO SW6 WATER HEATER (Includes Door Hinge)	520781
	6 GALLON ALUMINUM TANK WATER HEATER REPLACEMENT KIT (Includes 520781 Flange Kit, 2 Filler Flanges and Door) Colonial White Polar White	 520787 520818

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!

DARREN KOEPP - OWNER, MY RV WORKS, INC.

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