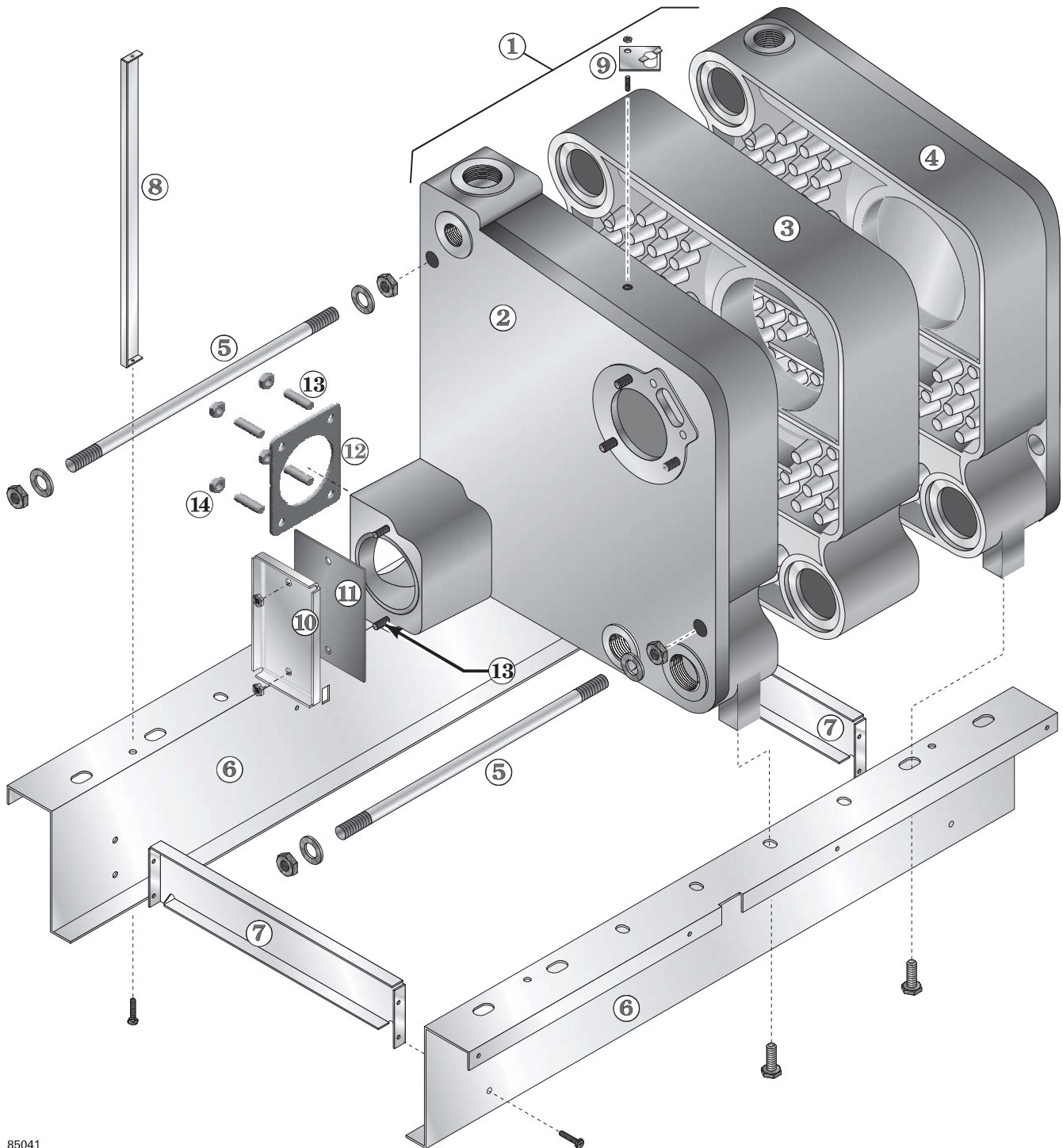


GV90+ Series 1 & 2 Section Assembly

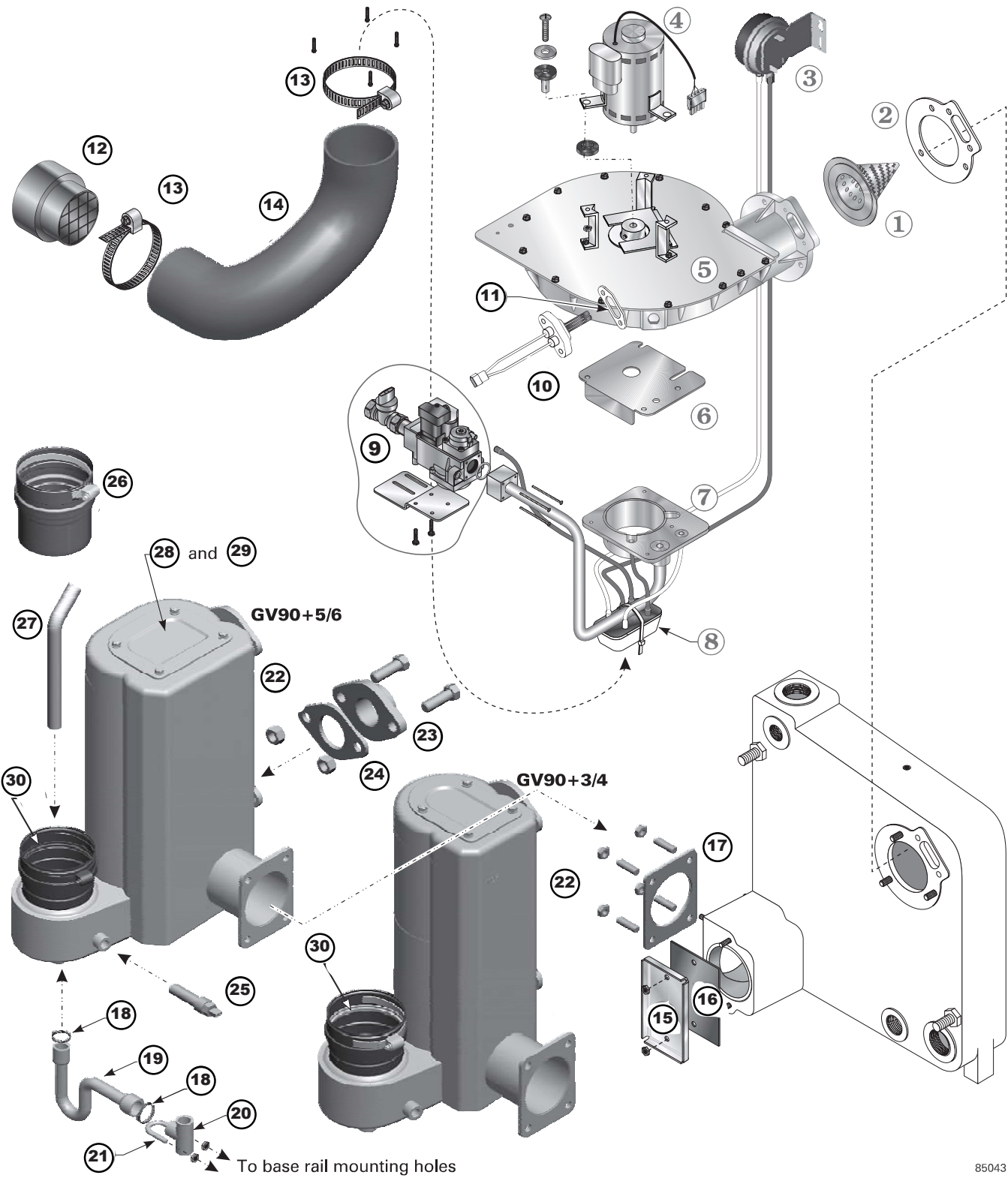


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GV90+ Series 1 & 2 Section Assembly Parts

Fig. No.	Part No.	Description	Model
1	322-200-304	Block Assembly (Includes: Front Section, Intermediate Section, Back Section, Square Cut Seals — 2", Silicone Sealant, Tie Rods, Tie Rod Nuts, Tie Rod Washers, Blower Flange Gasket, Igniter, Igniter Gasket, Screws, Lock Washers, Studs, Nuts)	3
	322-200-305		4
	322-200-306		5
	322-200-307		6
2	382-200-713	Front Section Replacement Kit (Includes Front Section, Square Cut Seals (4), Silicone Sealant, Blower Flange Gasket, Igniter Gasket, Studs (13), Nuts (13))	All
3	312-200-110	Intermediate Section (Also Required Section Replacement Kit)	All
4	312-200-130	Back section (Also Required Section Replacement Kit)	All
N/S	382-200-305	Section Replacement Kit	All
5	560-234-499	Tie Rods	3
	560-234-525		4
	560-234-503		5
	560-234-504		6
6	452-100-173	Base Rail Legs — (2) Per Boiler	3 & 4
	452-100-174		5 & 6
7	452-100-080	Base Rail Brace — (2) Per Boiler	All
8	452-100-111	Blower Housing Support	All
9	382-200-375	Block Temperature Switch Kit (Includes: Block Switch (350° Open, 250° Close) and Mounting Bracket)	All
10		Inspection Port Cover (in Inspection Port Kit)	All
11	590-317-628	Inspection Port Gasket	All
N/S	542-200-181	Inspection Port Kit (Includes: Cover and Gasket)	All
12	590-317-653	Recuperator Connection Gasket	All
13	560-340-581	Stud, 5/16" -18 x 1¼"	All
14	Obtain locally	Hex Nuts (4 Each), 5/16 / Lock Washers (4 Each), 5/16"	All

GV90+ Series 1 & 2 Blower Assembly



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GV90+ Series 1 & 2 Blower Assembly Parts

Fig. No.	Part No.	Description	Model
1	382-200-320	Burner Replacement Kit (Includes: Burner, Blower Flange Gasket, Igniter, Igniter Screws, Igniter Washers, Igniter Gasket)	3
	382-200-325		4
	382-200-330		5
	382-200-335		6
2	590-317-610	Blower Flange Gasket	All
3	382-200-723	Air Pressure Switch (0 To 5,500 Feet Elevation)	All
	382-200-728	Air Pressure Switch (5,500 To 10,000 Feet Elevation)	All
4	382-200-345	Blower Motor Replacement Kit (Includes: Blower Motor, Motor Mounting Grommets, Screws, Lock Nuts and 9" Allen Wrench) - (Series-1)	All
	381-356-584	Blower Motor Replacement Kit (Includes: Blower Motor, Motor Mounting Grommets, Screws, Lock Nuts and 9" Allen Wrench) - (Series-2)	All
5	382-200-340	Blower Housing Assembly Replacement Kit (Includes: Blower Housing, Obsv. Port, Blower Housing Cover Plate, Blower Motor Mounting Brackets, Washer Hold Down Bracket, Lock Nuts, Motor Mount Grommets, Blower Motor, Blower Wheel, Magnetic Washer, Silicone Sealant, Screws, Blower Flange Gasket, Igniter, Igniter Washers, Igniter Screws, Igniter Gasket) - (Series-1)	All
	381-356-587	Blower Housing Assembly Replacement Kit (Includes: Blower Housing, Obsv. Port, Blower Housing Cover Plate, Blower Motor Mounting Brackets, Washer Hold Down Bracket, Lock Nuts, Motor Mount Grommets, Blower Motor, Blower Wheel, Magnetic Washer, Silicone Sealant, Screws, Blower Flange Gasket, Igniter, Igniter Washers, Igniter Screws, Igniter Gasket) - (Series 2)	All
6	510-811-926	Conversion Kit, Natural To Propane (Includes: Propane Orifice Plate, Label)	3
	510-811-927		4
	510-811-928		5
	510-811-929		6
	510-811-934	Orifice Plate, Natural Gas	3
	510-811-935		4
	510-811-936		5
	510-811-937		6
7	382-200-362	Gas/air Manifold Assembly (Includes: Gas/Air Manifold, Gas Tubing, Washers, Screws, Gas Valve O-ring)	All
8	382-200-409	Sense Line Condensate Trap (Includes: Sense Line Condensate Trap and Hoses)	All
9	382-200-411	Gas Valve Kit (Includes: Gas Valve, Gas Cock, ½" Nipple, Bracket, O-ring, Screws)	All
10	511-330-148	Igniter Replacement Kit Includes (Igniter and Gasket)	All
11	590-317-599	Igniter Gasket	All
12	382-200-310	Inlet Air Tube With Grill	All
13	591-850-068	Hose Clamp, 3"	All
14	562-302-573	Inlet Air Hose, 3" by 19" Long	All
15	542-200-181	Inspection Port Cover - (Includes Inspection Port Gasket)	All
16	590-317-628	Inspection Port Gasket - ONLY	All

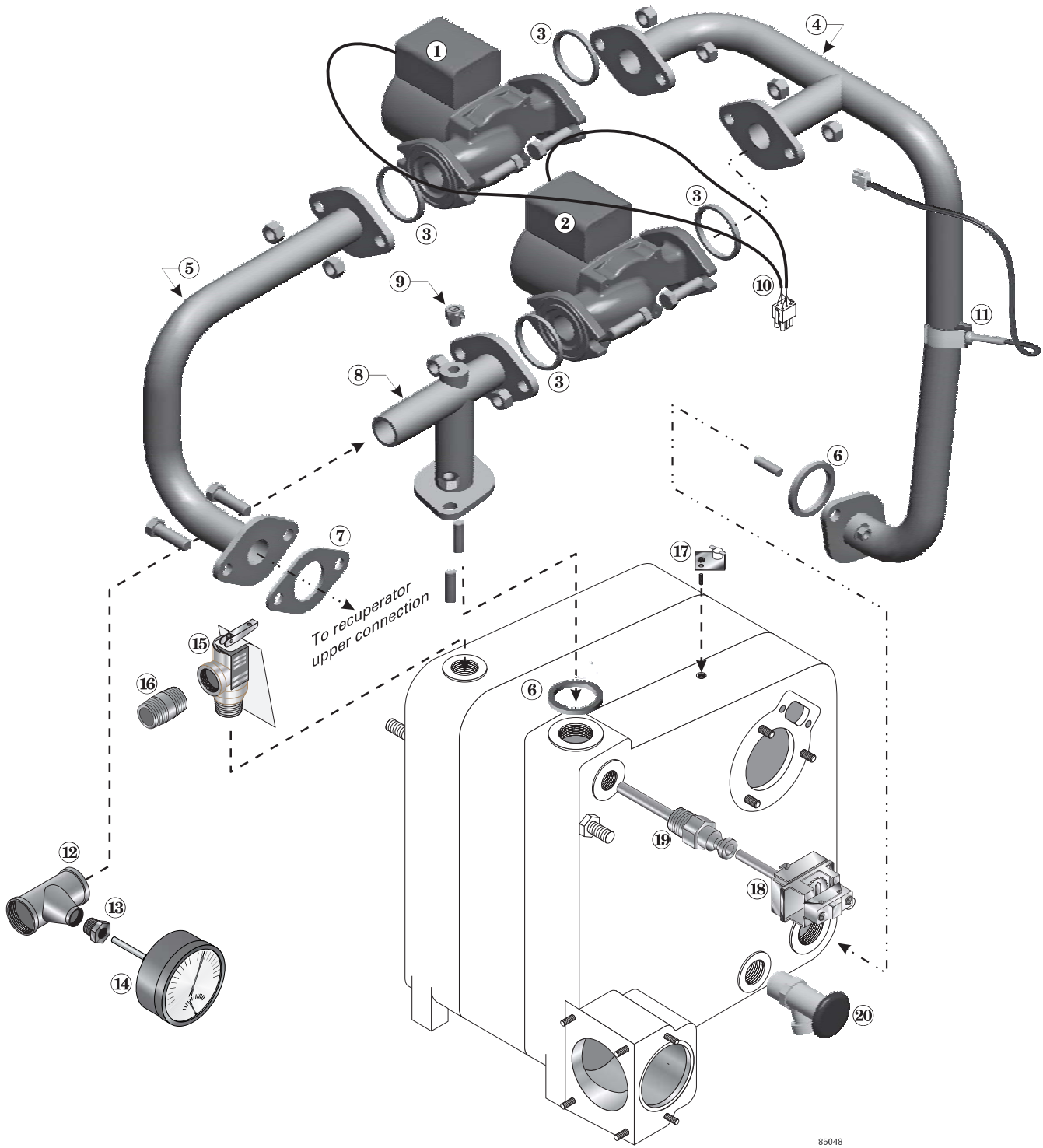
GV90+ Series 1 & 2 Blower Assembly Parts Continued

Fig. No.	Part No.	Description	Model
17	590-317-653	Recuperator Connection Gasket	All
18	591-850-086	Condensate Drain Hose Clamp	All
19	560-907-716	Condensate Trap	All
20	—	½" PVC Condensate Tee	All
21	561-704-527	Condensate Tee U-clamp	All
22	382-200-714	Recuperator Kit (Includes: Recuperator, Recuperator Connection Gasket, Diamond Flange Gasket (2), Connection Hardware (4-Nuts), Flue Gas Thermal Fuse)	3-4
	382-200-715		5-6
23	See item 24	Diamond Flange, 1" N.P.T	All
24	590-317-535	Diamond Flange Gasket	All
25	511-724-295	Flue Gas Thermal Fuse - 215 ° F	All
26	382-200-716	In-line Flue Adapter with Drain Kit (Includes: In-Line Flue Adapter With Drain and Drain Hose (6 Inches))	All
27	382-200-717	Flue Drain Hose Kit, 6 Inches	All
28	593-000-002	Recuperator Cover Plate - (Series 1 ONLY)	3-4
	593-000-003		5-6
29	593-000-004	Recuperator Cover Plate Gasket - (Series 1 ONLY)	3-4
	593-000-005		5-6
30	593-000-006	Recuperator Vent Pipe Seal	All
N/S	592-900-015	Oil Lubricant - Anderol 465 3 oz.	All

GV90+ Series 1 & 2 Miscellaneous Parts

Part No.	Description	Model
383-500-397	Vent Termination Kit For 3" PVC	All
382-200-430	Vent Termination Kit For 3" Stainless Steel	All
383-500-105	Vent Termination Bird Screen 3" PVC (1 Piece)	All
383-500-350	3" PVC Concentric Vent Kit	All
560-907-717	Adapter 3" AL29-4C Vent Starter, FasNSeal	All
560-907-723	Adapter 3" AL29-4C Vent Starter, Z-Vent	All
560-907-724	Adapter 3" AL29-4C Vent Starter, Saf-T-Vent	All
Contact Weil-McLain	Adapter 3" AL29-4C Vent Starter, CORR/GUARD	All
592-900-002	Corrosion Inhibitor, Sentinel X100 (One Tube is Shipped With Boiler)	All
592-900-005	Sentinel X100 Inhibitor Test Kit (One Kit is Shipped With Boiler)	All
592-900-003	Cleaner, Sentinel X400	All
592-900-004	Antifreeze, Aluminum Safe, Sentinel X400	All
383-500-631	Condensate Neutralizer Kit	All
381-400-010	GV90 Bug Box - (Instructions Included)	All

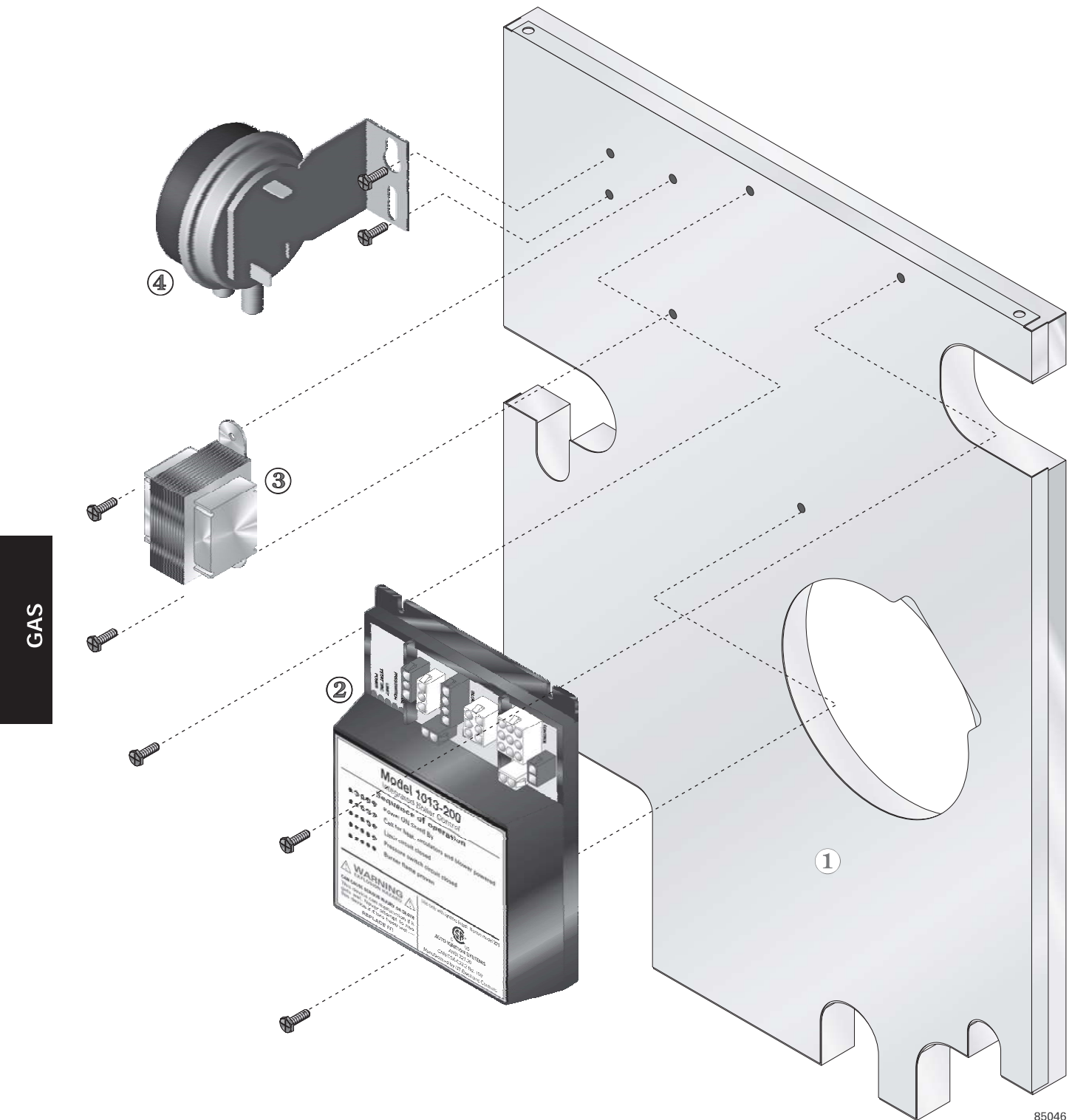
GV90+ Series 1 & 2
Water Trim Assembly



GV90+ Series 1 & 2 Water Trim Assembly Parts

Fig. No.	Part No.	Description
1	511-405-113	System Circulator, Taco 007
2		Bypass Circulator, Taco 007
3	590-317-543	Circulator Gasket, Taco 110-339
4	382-200-720	Manifold, Casting/Circulator Kit (Includes: Water Manifold, Circulator Gasket (Taco 110-339) (2), Square Cut Seal (Manifold To Casting))
5	382-200-721	Return Manifold, Recuperator/Circulator Kit (Includes: Water Manifold, Circulator Gasket (Taco 110-339) (1), Diamond Gasket)
6	572-800-011	Square Cut Seal Gaskets, Casting, 2.31"
7	590-317-535	Diamond Flange Gasket
8	382-200-722	Supply Manifold Kit (Includes: Water Manifold, Circulator Gasket (Taco 110-339) (1), Square Cut Seal (Manifold To Casting))
9	570-148-565	Coin-Operated Air Vent, 1/8" N.P.T
10	591-391-824	Wiring Harness, Circulators To IBC
11	511-330-089	Return Water Temperature Sensor and Clip
12	Obtain locally	Tee, 1" x 1" x 3/4"
13	Obtain locally	Bushing 3/4" x 1/4"
14	380-000-000	Combination Pressure-Temperature Gauge, 3" Dia., 0-75 PSIG, 60-320°F, Short Shank, Back Connection, 1/4" N.P.T.
15	383-500-095	30 PSIG Relief Valve - 3/4" Male Inlet
16	Obtain locally	Nipple, N.P.T — 3/4" x 3"
17	382-200-375	Block Temperature Switch Kit (Includes: Block Switch (350° Open, 250° Close) and Mounting Bracket)
18	382-200-719	Limit Control Without Well, 200 °F Maximum Setpoint - (Series 1 ONLY)
19	592-300-017	Limit Control Well, 1/2" N.P.T - (Series 1 ONLY)
N/S	381-356-577	Boiler Temperature Sensor - Tasseron - TSD01BW-R, 1/2" N.P.T, 12K ohms - Series 2 ONLY
20	511-246-392	Drain Valve, 3/4" N.P.T

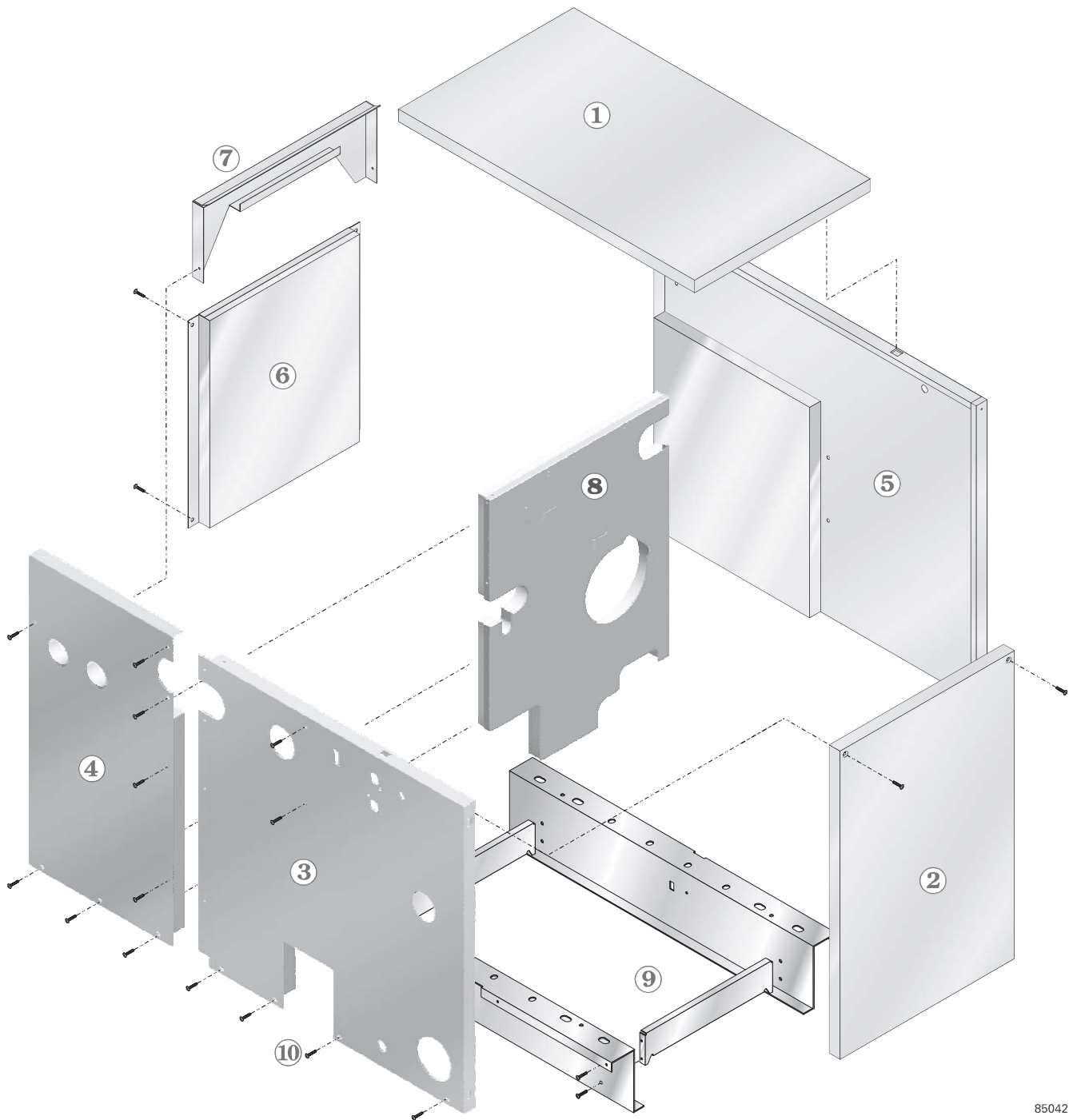
GV90+ Series 1 & 2 Controls



GV90+ Series 1 & 2 Control Parts

GV90+ Series 1				
Fig. No.	Part No.	Description	Mfg.	Mfg's Part No.
2	382-200-448	Integrated Boiler Control Assembly (Includes: IBC and Screws)		
3	511-842-370	Transformer		
N/S	591-391-963	Wiring harness, IBC To Junction Box		
	591-391-964	Wiring harness, IBC To Controls (Not Shown)		
GV90+ Series 2				
Fig. No.	Part No.	Description	Mfg.	Mfg's Part No.
2	381-330-013	Integrated Boiler Control - (Includes, Limit Control)	U/T	1135-700
3	381-356-578	Transformer - 120/24 Volt, 40 VA	Honeywell	AT140B1297
N/S	591-391-984	Wire Harness, Power, J Box To Module	Weil-McLain	
	591-392-005	Thermostat Harness	Weil-McLain	
	591-391-985	Controls To Module Harness	Weil-McLain	
	591-391-995	Temperature Sensor Wire Harness	Weil-McLain	
GV90+ Series 1 & 2 Common Parts				
1	382-200-727	Interior Panel		
4	382-200-723	Air Pressure Switch 1.00 " W.C. Less Than 5,500 Feet Elevation	Honeywell	50041452
	382-200-728	Air Pressure Switch .70" W.C. Greater Than 5,500 Feet Elevation	Cleveland	NS2-1195-00
N/S	591-391-819	Wiring Harness, Ignitor To Control Harness	Weil-McLain	
	591-391-824	Wiring Harness, Circulators	Weil-McLain	
	383-500-205	On/Off Switch Kit		All
GV90+ Series 2 Only Control Parts				
N/S	381-356-586	Outdoor Temperature Kit - (Includes Sensor, Wire Harness, and Instructions)		All
	381-356-585	Zone Interface Harness Kit - (Includes Wire Harness, Cable Clamp, and Instructions)		All
	383-500-125	Outdoor Sensor Kit - (Includes Sensor and Mounting Hardware) 30/50°C, 12 KOHms.		All

GV90+ Series 1 & 2 Jacket Assembly



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GV90+ Series 1 & 2 Jacket Assembly Parts

Fig. No.	Part No.	Description	Model
1	382-200-700	Jacket Panel, Top - (Series 1 ONLY)	3 & 4
	382-200-701		5 & 6
	382-200-735	Jacket Panel, Top - (Series 2 ONLY)	3 & 4
	382-200-736		5 & 6
2	382-200-702	Jacket Panel, Front	All
3	382-200-703	Jacket Panel, Left Side, Front - (Series 1 ONLY)	3 & 4
	382-200-704		5 & 6
	382-200-730	Jacket Panel, Left Side, Front - (Series 2 ONLY)	3
	382-200-731		4
	382-200-732		5
	382-200-733		6
4	382-200-705	Jacket Panel, left side, rear	3 & 4
	382-200-706		5 & 6
5	382-200-724	Jacket Panel, right side	3 & 4
	382-200-725		5 & 6
6	382-200-726	Jacket Panel, rear	All
7	422-200-192	Jacket Brace	All
8	382-200-727	Jacket Panel, interior	All
9		Base Rail Assembly - In Section Assembly Parts	All
10		Screw, Sheet Metal Type AB, Serrated Hex Washer Head Phillips #10 Steel Black Phosphate	All