

PARTS MANUAL

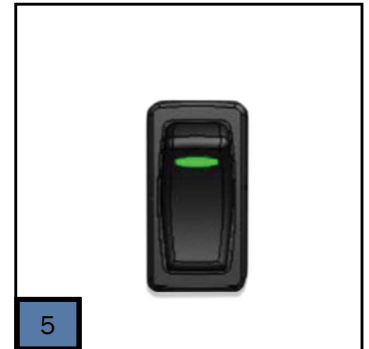
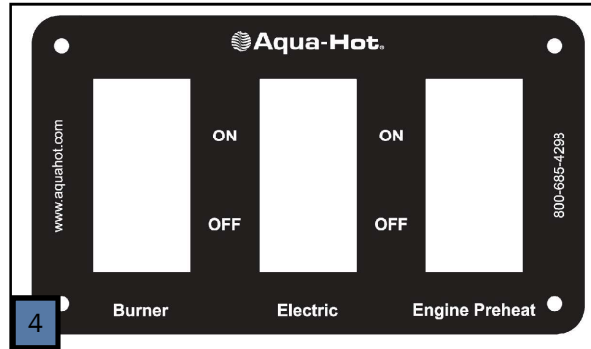
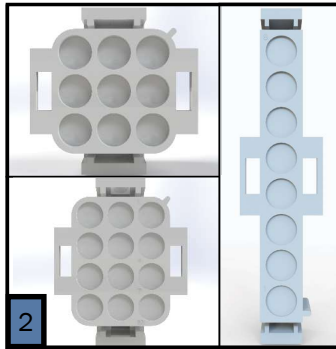
400 Series



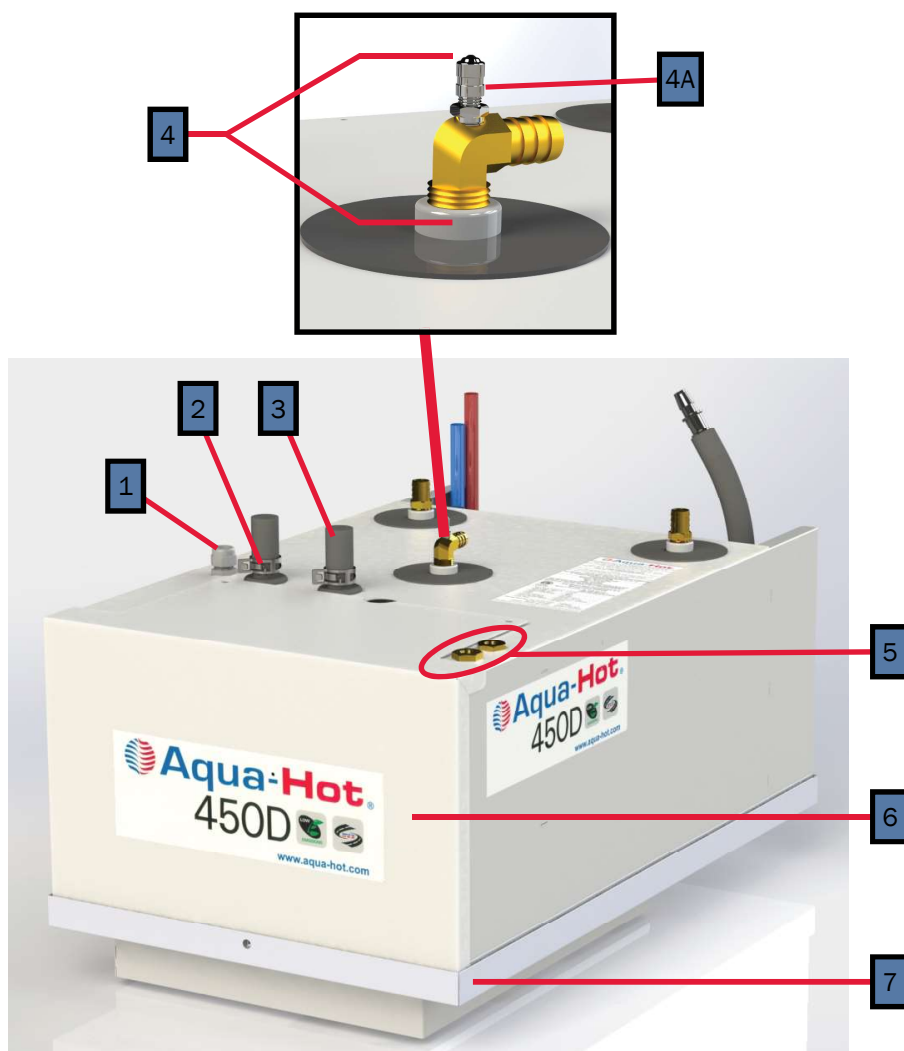
AHE-450-DE5
AHE-450-DT1



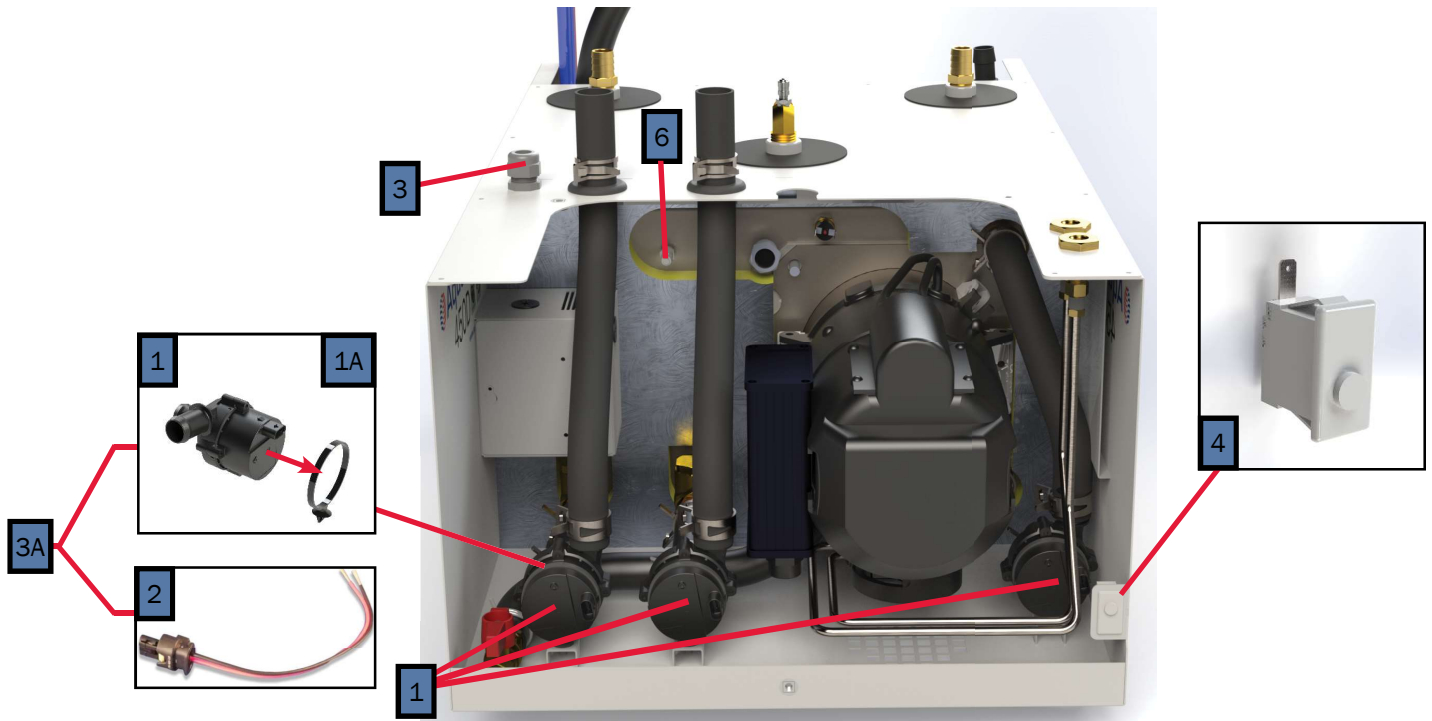
NOTE: Service parts and accessories are available through Aqua-Hot Factory Authorized Service Centers or at www.aquahot.com.



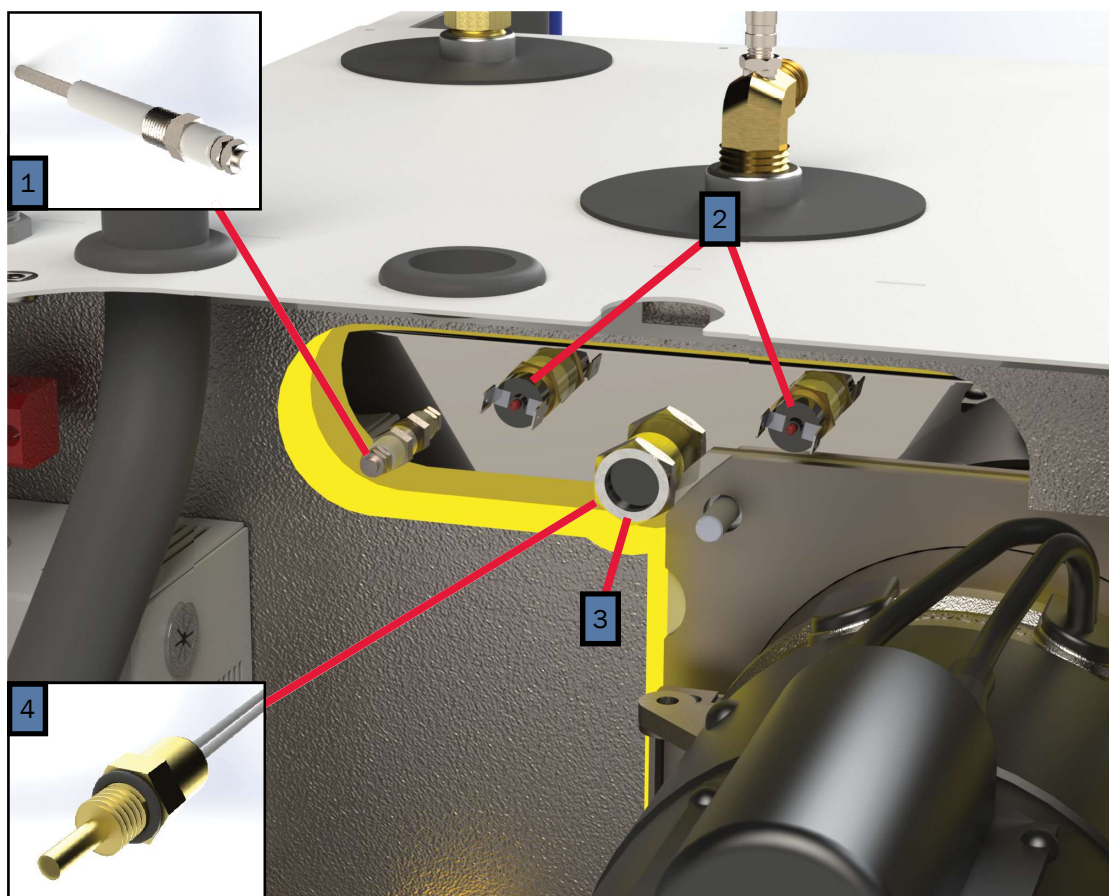
Key	Part Number	Beginning of Use	Description
1	ELE-PCB-501	-	Kit, Reporter Controller w/ Terminals
2	ELE-500-105	-	Reporter OEM Connector Kit
3	ELE-000-509	Launch	3-Position Switch Panel Assembly
4	SME-000-509	Launch	3-Position Switch Panel (44mm x 22mm Cut-outs)
5	ELX-283-283	Launch	4 Terminal 12V LED Rocker Switch (44mm x 22mm Cutout)
6	PLE-070-401	Launch	Tank, 3qt. Expansion Assembly
7	PLE-000-200	Launch	Gates Safety Stripe Expansion Tank Hose Kit
8	PLX-CTB-250	Launch	Clamp, Hose, Constant Tension, 23/32 in.



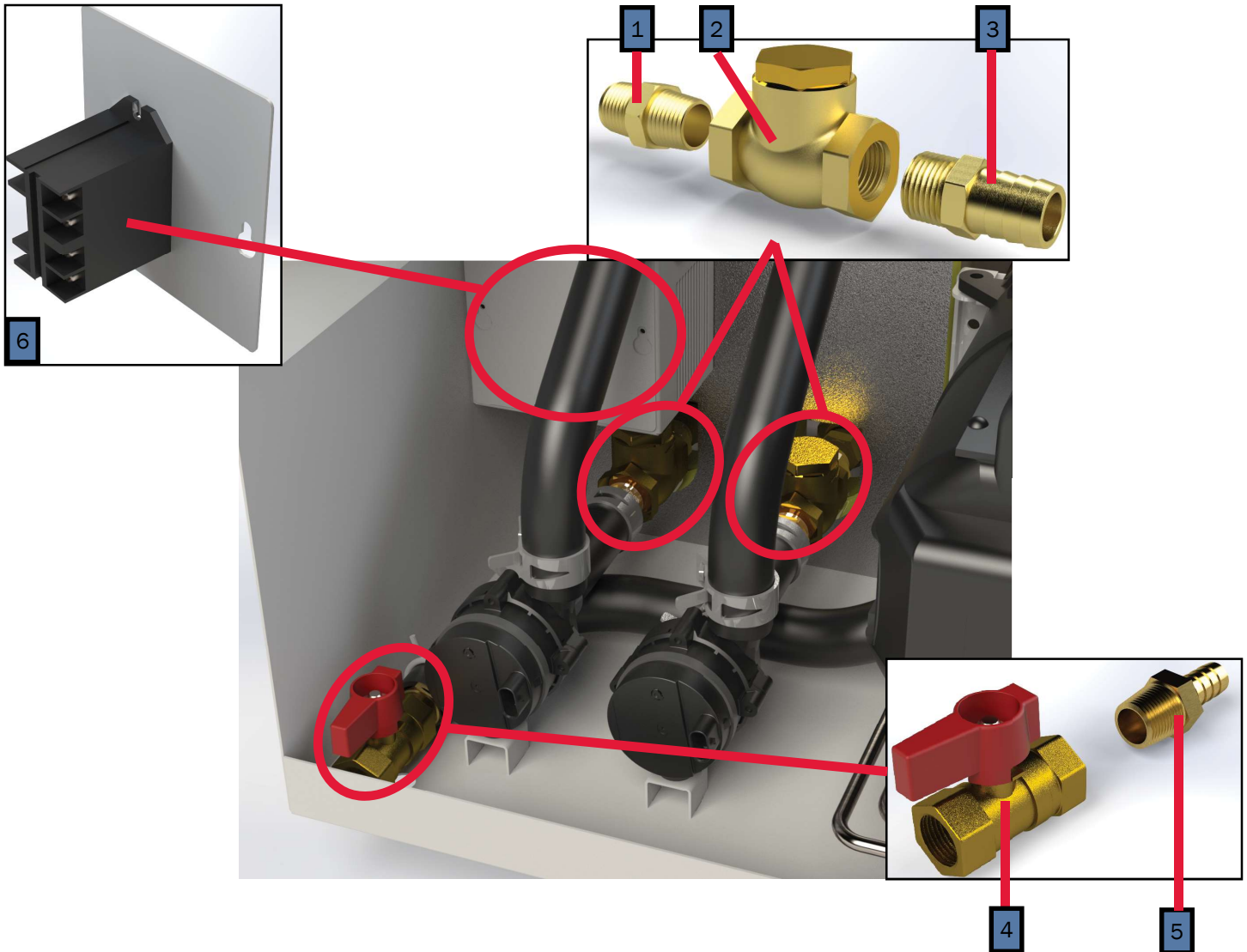
Key	Part Number	Date of Use	Description
1	HDX-000-623	Launch	Clamp, Romex, 1/2in. Plastic
2	PLX-CTB-270	Launch	Clamp, Hose, Constant Tension, 3/4in.
3	PLX-000-433	Launch	Hose, Heater, 3/4 in. x 18in.
4	PLE-007-000	Launch	Valve, Air Assembly Comb, Coin/Key
4A	PLE-007-065	Launch	Valve, Air Comb, Coin/Key
5	PLX-105-800	Launch	Fitting, Bulkhead, 1/4 x 1/4 in. (F) NPT Brass
6	SME-450-030	Launch	Cover, Access, Main
7	SME-450-070	Launch	Tray, Mounting Assembly



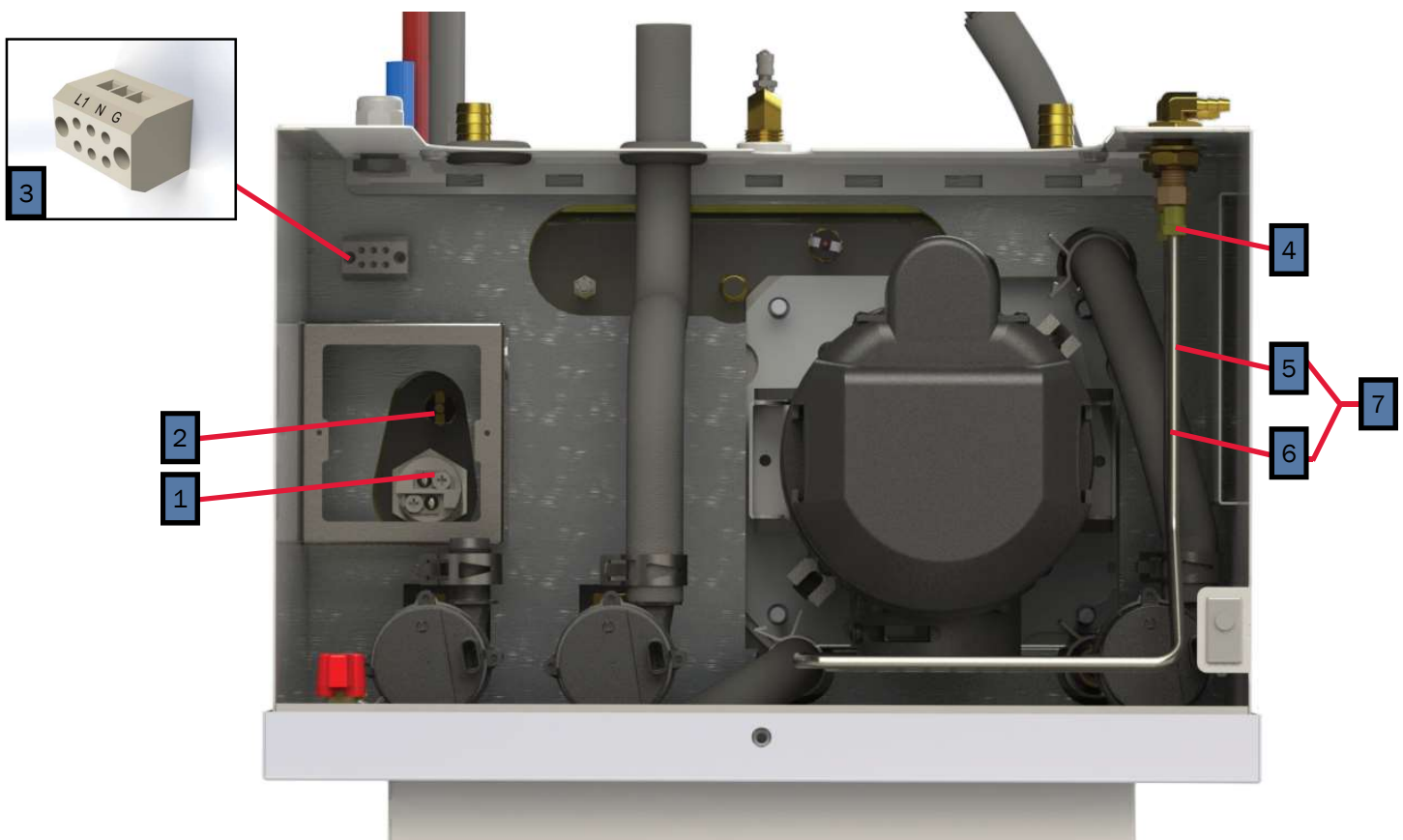
Key	Part Number	Beginning of Use	Description
1	PLX-100-900	Launch	Buehler C21 Fluid Pump
1A	PLX-100-836	Launch	Fluid Pump Mounting Bracket
2	ELE-400-900	Launch	Buehler C20 Pump Harness
3	HDX-000-623	Launch	Clamp, Romex, 1/2in. Plastic
3A	PLE-100-902	Launch	Buehler Pump Assembly with Harness & Terminals
4	ELX-000-050	Launch	Switch, Interlock
5	ELX-100-455	Launch	Harness, Wiring, 12ft Assembly (not pictured)



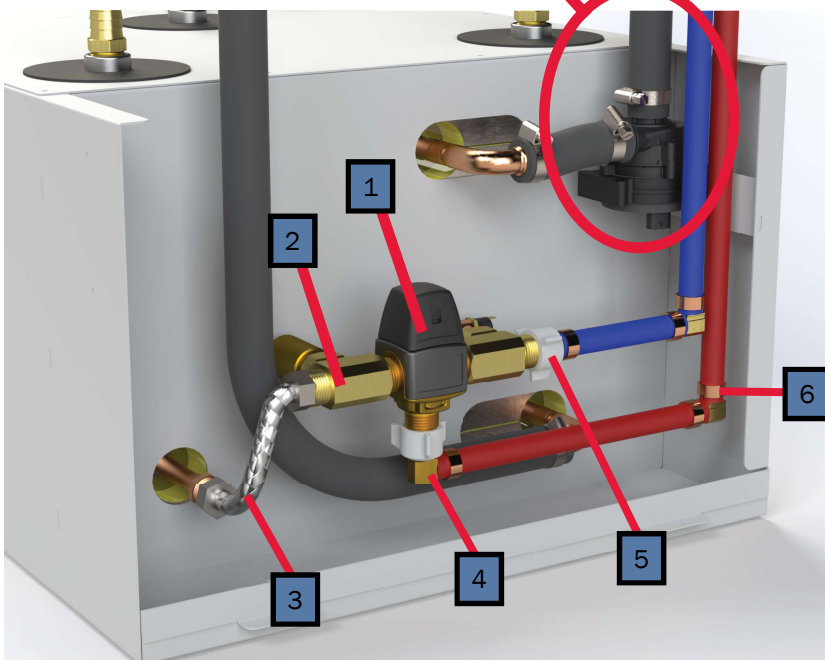
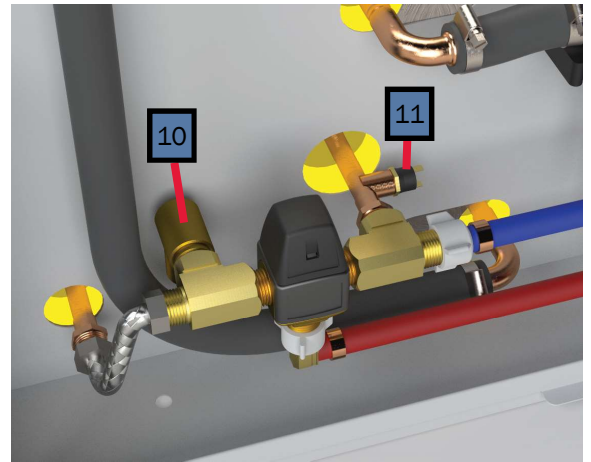
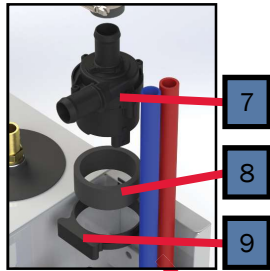
Key	Part Number	Date of Use	Description
1	ELE-800-006	Launch	Fluid Level Sensor
2	ELE-HLT-425	Launch	Thermostat, High-Limit 215 °F w/ Spade Connections
3	ELE-015-011	Launch to A450-196049	Thermostat, Control ½" (M) NPT (Discontinued)
4	ELE-014-711	A450-196049	Thermistor, Tank Temperature Sensor



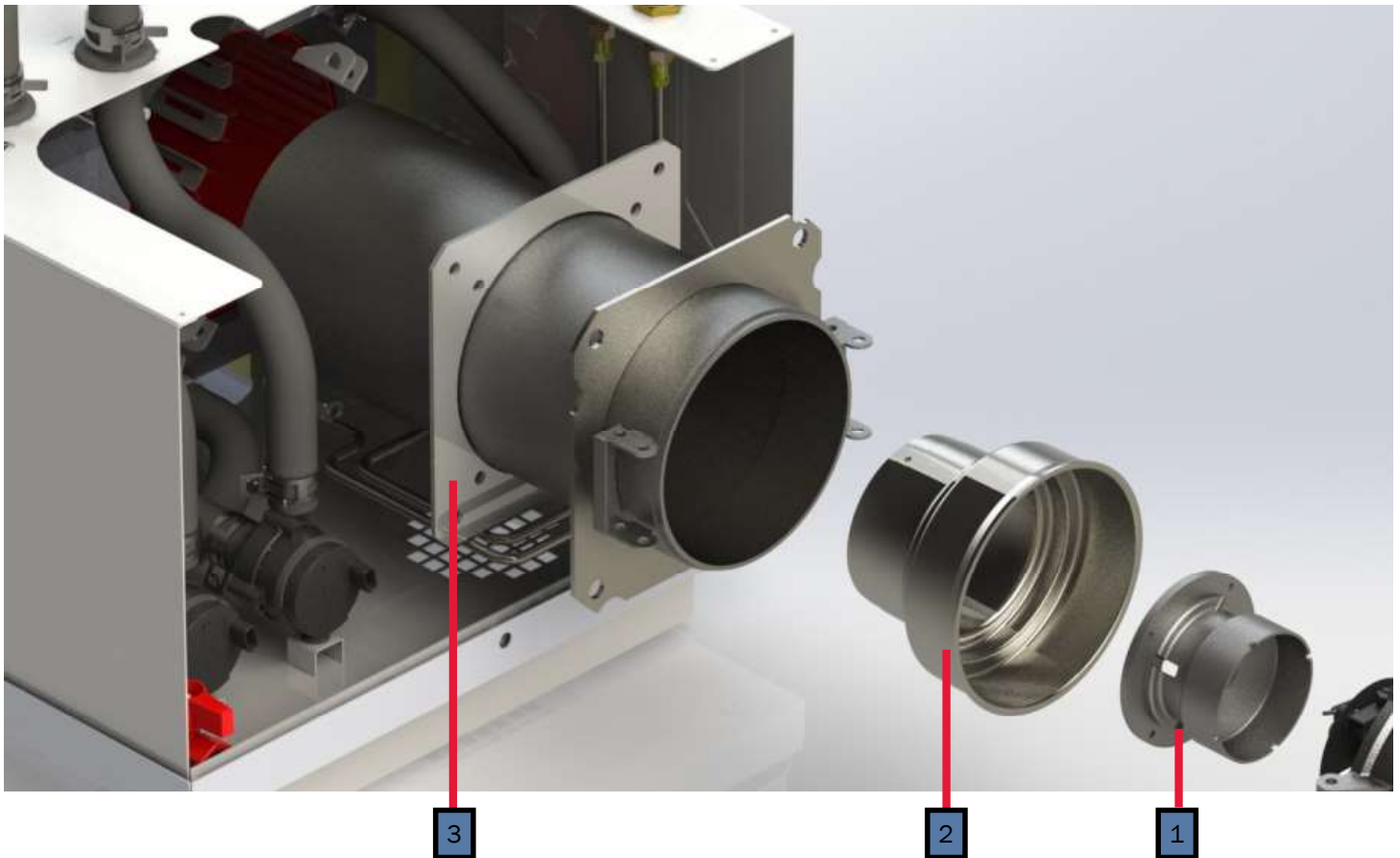
Key	Part Number	Date of Use	Description
1	PLX-122-000	Launch	Brass Close Nipple Fitting, 1/2" (M) NPT w/Hex
2	PLX-2A1-300	Launch	Brass Check Valve, 1/2" (F) NPT
3	PLX-A65-200	Launch	Brass Barb Fitting, 3/4" x 1/2" (M) NPT
4	PLX-BV1-200	Launch	Ball Valve 1/2"(F) NPT
5	PLX-699-330	Launch	Brass Barb Fitting 1/2" x 1/2" (M) NPT
6	ELX-630-001	Launch	30A 277V AC Relay w/ 12V DC Coil



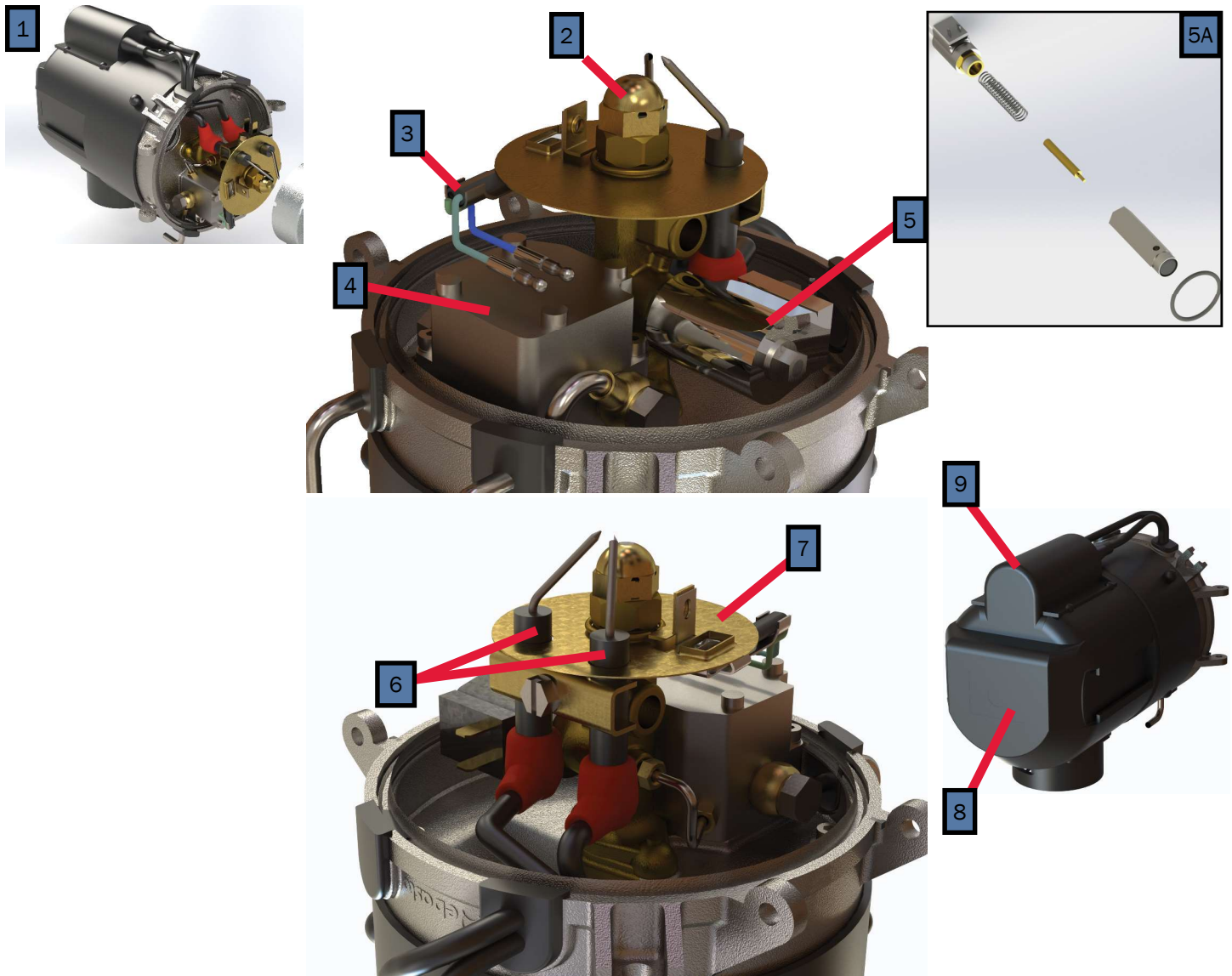
Key	Part Number	Date of Use	Description
1	ELX-2E7-540	Launch	Element, Electric Heating, 120VAC 1650W
2	ELE-HLT-426	Launch	Thermostat, High-Limit VAC 215 °F
3	ELE-000-905	Launch	Block, Terminal, 3-Position 22-8 AWG
4	FLX-421-851	Launch	Fitting, Inverted Flare Connector ¼ Tube x ¼ (M) NPT
5	FLE-421-851	Launch	Tube, Supply Fuel Line Assembly
6	FLE-421-852	Launch	Tube, Return Fuel Line Assembly
7	FLE-421-852-FRU	Launch	Fuel Line Replacement Kit



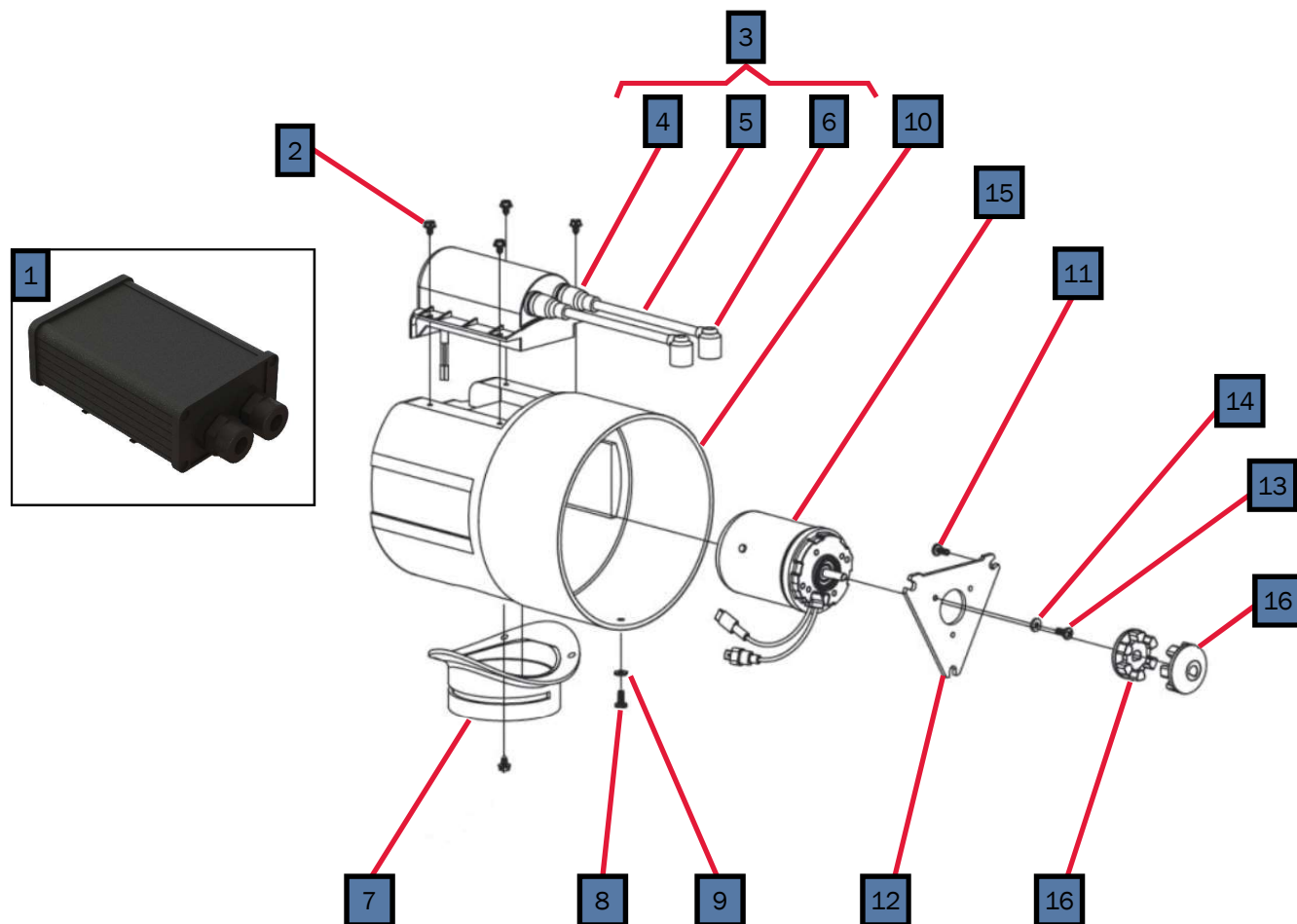
Key	Part Number	Beginning of Use	Description
1	PLX-362-100	A450D-195824	Danfoss Tempering Valve
1A	PLX-09P-000	Launch-A450D-195823	Honeywell Tempering Valve (Discontinued)
2	PLX-0X1-07D	Launch	Fitting, Tee, 1/2" NPT (M) (F) Brass
3	PLX-110-050	Launch	Lead Free Stainless Steel Braided Faucet Connector
4	PLX-000-755	Launch	Fitting, Elbow, Swivel 1/2" Barb x 1/2" NPT, Brass
5	PLX-000-730	Launch	Fitting, Straight Swivel 1/2" Barb x 1/2" NPT
6	PLX-000-745	Launch	Ring, Crimp, 1/2"
7	PLX-100-900	Launch	Buehler C21 Pump
8	PLX-100-837	Launch	Pump Isolator Bracket
9	PLX-100-836	Launch	Pump Mounting Bracket
10	PLX-111-125	Launch	Pressure Relief Valve
11	ELE-LTC-608	Launch	Low-Temp Cutoff Thermostat
12	PLX-000-825	Launch	Fitting, 3/4" to 3/4", Black Nylon



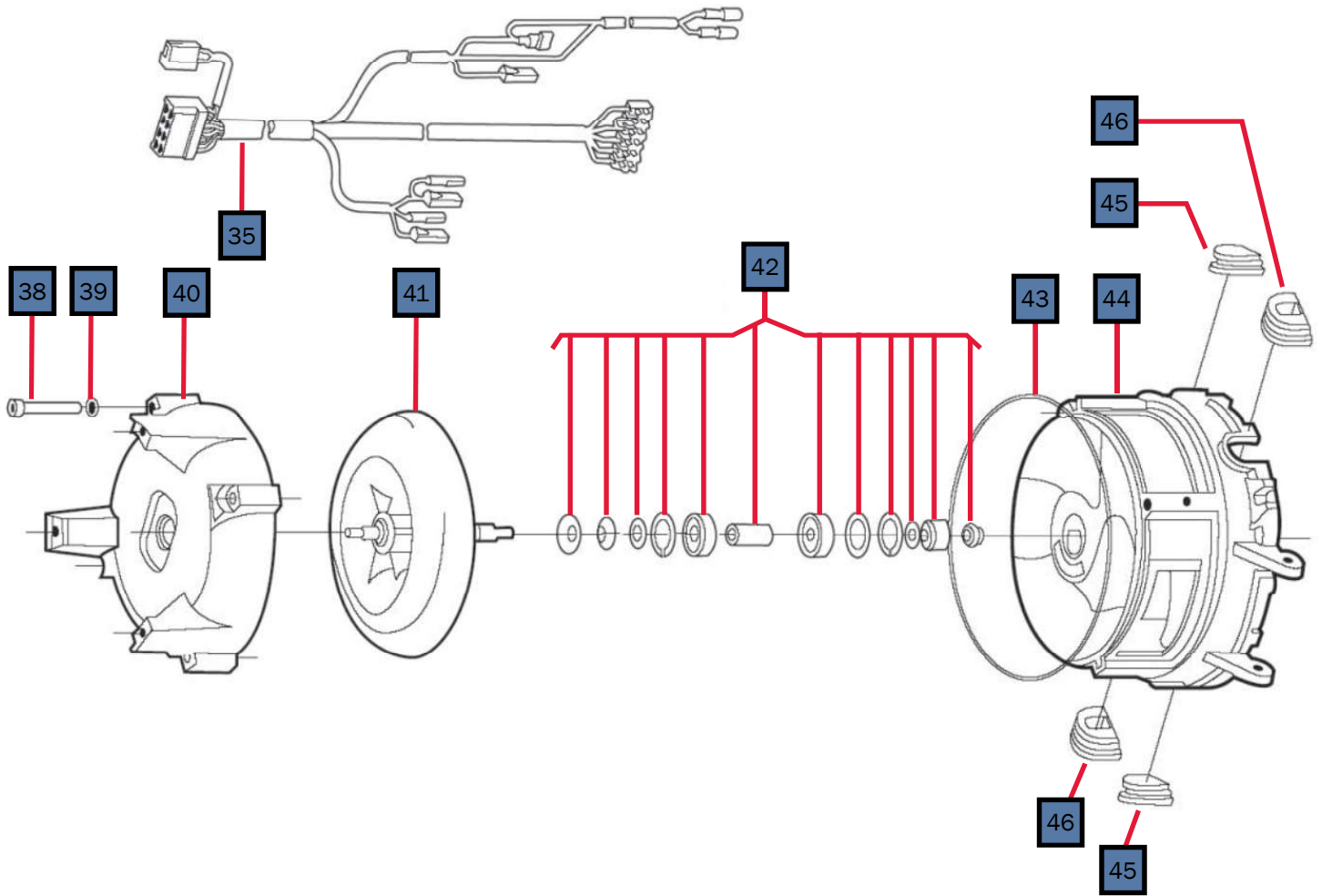
Key	Part Number	Beginning of Use	Description
1	WPX-302-652	Launch	DBW 2010 Air Swirler
2	WPX-302-828	Launch	DBW 2010 Swirler Housing
3	HDE-700-205	Launch	Combustion Chamber Tube Gasket



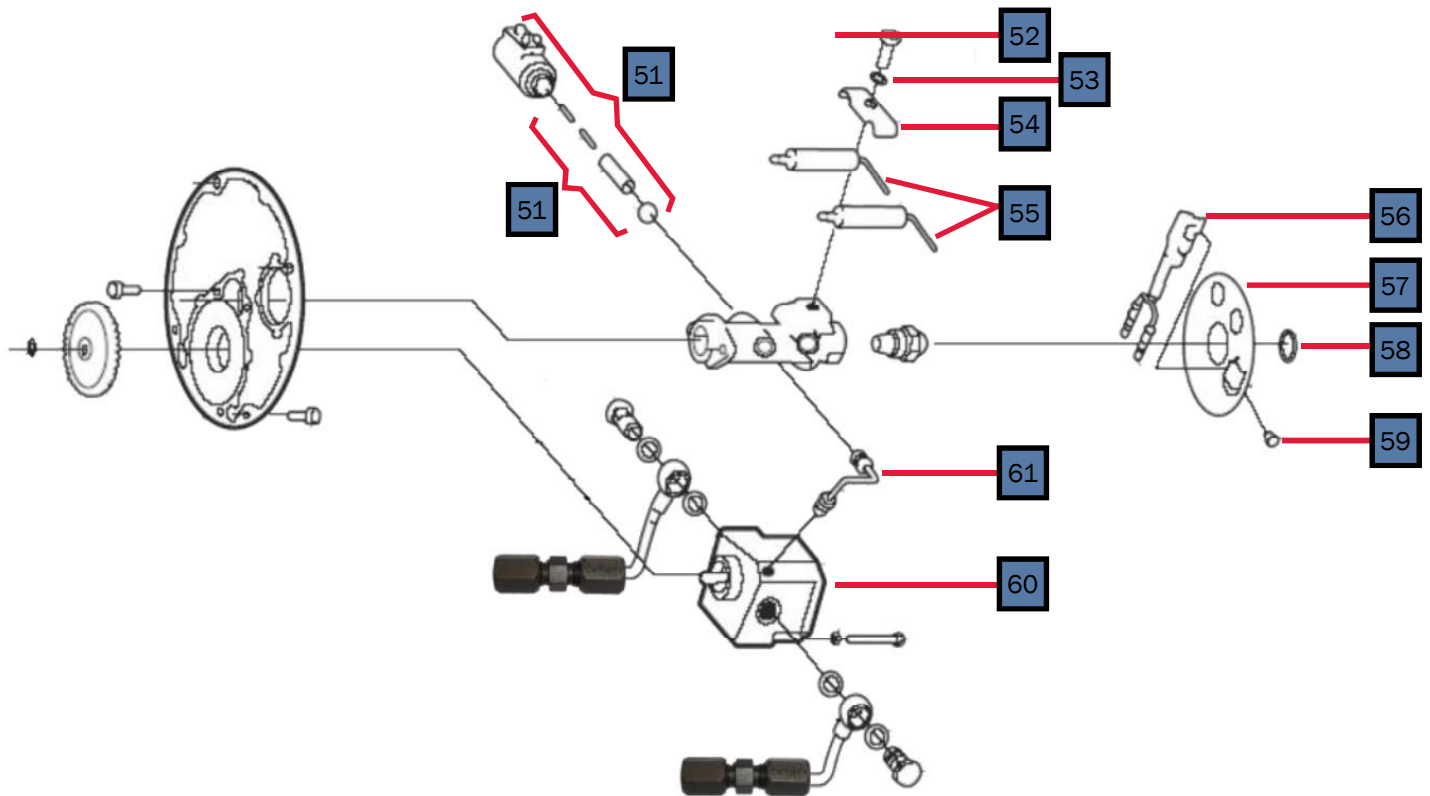
Key	Part Number	Date of Use	Description
1	WPX-909-180	Launch	12V DC Webasto Burner
2	WPX-886-41A	Launch	Diesel Fuel Nozzle
3	WPX-638-78A	Launch	Webasto Flame Sensor Photo Eye
4	WPX-503-03A	Launch	Webasto Fuel 10 Bar Pump Kit
5	WPX-322-083	Launch	Webasto 12V DC Fuel Solenoid Valve
5A	WPX-386-650	Launch	Webasto Fuel Solenoid Rebuild Kit
6	WPX-274-313	Launch	Webasto Ignition Electrode
7	WPX-887-71A	Launch	Webasto Photo Disc
8	WPX-436-216	Launch	Motor Protection Cap
9	WPX-101-838	Launch	Webasto 12V DC Ignition Coil



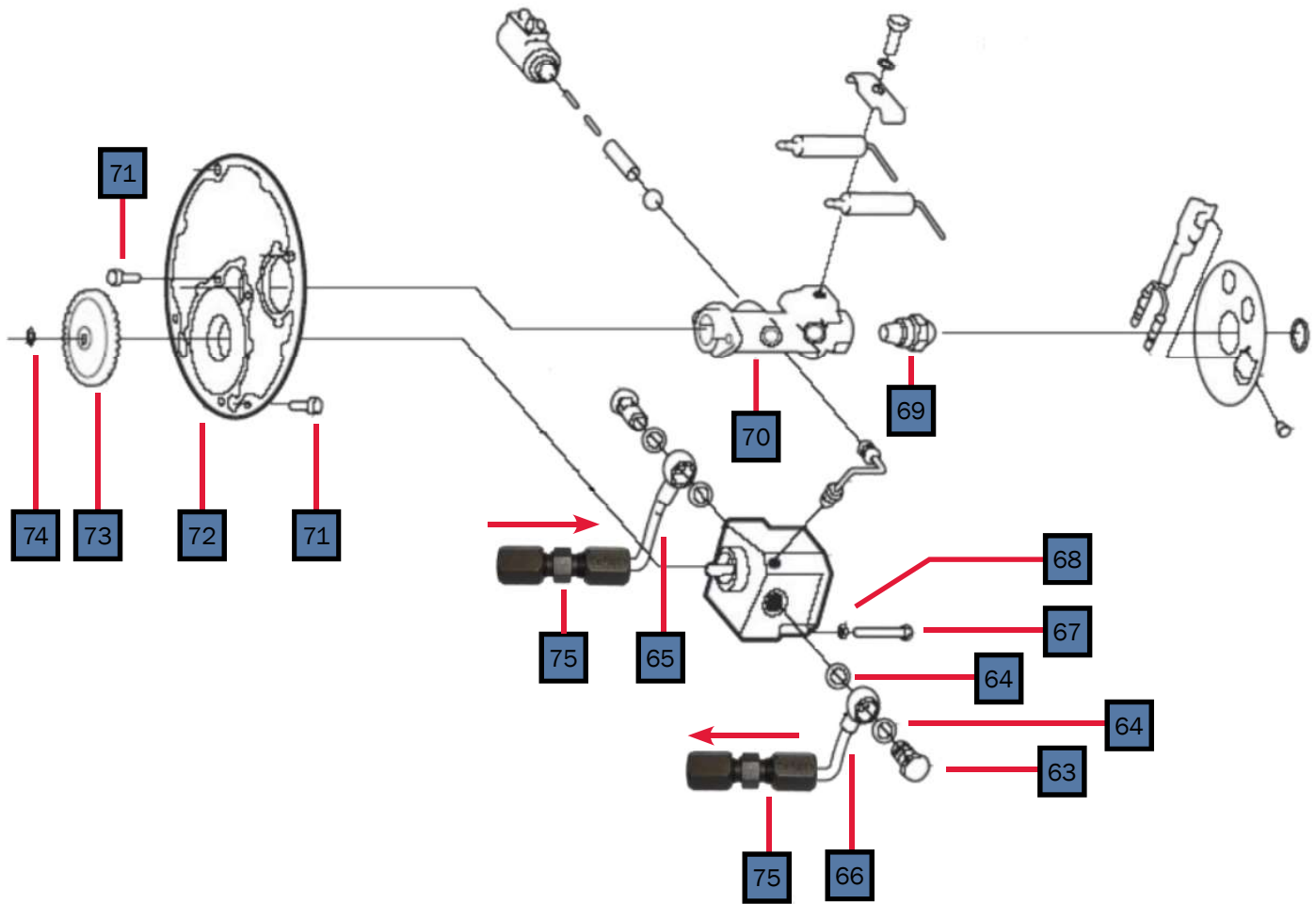
Key	Part Number	Date of Use	Description
1	WPE-300-901	Launch	Webasto Diesel Burner Controller, 12V DC
2	WPX-470-562	Launch	Coil Mounting Screw
3	WPX-101-838	Launch	12V DC Ignition Coil
4	WPX-404-918	Launch	Ignition Wire Boot
5	WPX-178-624	Launch	Ignition Wire
6	WPX-176-494	Launch	Ignition Wire Boot Elbow
7	WPX-350-427	Launch	Combustion Air Intake Shutter
8	WPX-432-377	Launch	Protection Housing Screw
9	WPX-152-269	Launch	Protection Housing Star Washer
10	WPX-436-216	Launch	Motor Protection Cap
11	WPX-147-834	Launch	Blower Housing Flange Screw
12	WPX-425-05A	Launch	Motor Mounting Plate
13	WPX-432-377	Launch	Motor Plate Screw
14	WPX-152-269	Launch	Motor Plate Washer Star
15	WPX-425-060	Launch	Combustion Air/Fuel Pump Motor, 12V DC
16	WPX-350-516	Launch	6mm Clutch Half



Key	Part Number	Date of Use	Description
35	WPX-434-795	Launch	C-Plug Harness
38	WPX-148-210	Launch	Blower Casting Screw
39	WPX-152-552	Launch	Blower Casting Lock Washer
40	WPX-301-841	Launch	Blower Housing
41	WPX-373-001	Launch	Blower Wheel w/Shaft
42	WPX-378-313	Launch	Bearing Kit
43	WPX-412-244	Launch	O-Ring Blower Casting
44	WPX-225-67A	Launch	Blower Casting
45	WPX-298-964	Launch	Blower Casting Left Grommet
46	WPX-299-995	Launch	Blower Casting Right Grommet



Key	Part Number	Date of Use	Description
50	WPX-322-083	Launch	Fuel Solenoid Valve, 12V DC
51	WPX-386-650	Launch	Fuel Solenoid Valve Kit
52	WPX-267-279	Launch	Electrode Bolt
53	WPX-152-560	Launch	Electrode Lock Washer
54	WPX-278-971	Launch	Electrode Clamp
55	WPX-274-313	Launch	Ignition Electrode
56	WPX-638-78A	Launch	Flame Sensor
57	WPX-887-71A	Launch	Photo Disc
58	WPX-453-048	Launch	Photo Disc Retaining Clip
59	WPX-147-699	Launch	Flame Sensor Screw
60	WPX-503-03A	Launch	Fuel Pump Kit
61	WPX-665-49A	Launch	High-Pressure Fuel Tube



Key	Part Number	Date of Use	Description
63	WPX-150-754	Launch	Banjo Bolt
64	WPX-151-157	Launch	Copper Ring Gasket
65	WPX-661-002	Launch	DBW 2010 Fuel Supply Banjo Pipe (w/ straight tube)
66	WPX-661-001	Launch	DBW 2010 Fuel Return Banjo Pipe (w/ straight tube)
67	WPX-277-282	Launch	Fuel Pump Mounting Screw
68	WPX-152-544	Launch	Fuel Pump Lock Washer
69	WPX-886-41A	Launch	Fuel Nozzle 0.35GPH
70	WPX-412-198	Launch	Brass Fuel Nozzle Manifold
71	WPX-277-150	Launch	Nozzle Stand Screw Plate
72	WPX-102-861	Launch	Manifold Plate
73	WPX-371-289	Launch	Nylon Fuel Pump Gear
74	WPX-152-390	Launch	Gear Snap Ring
75	FLX-421-010	Launch	Hex Union Tube Fitting



1



2



3



4



5



6



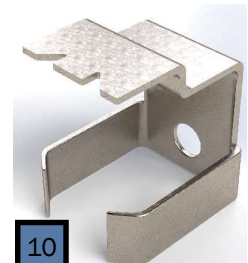
7



8



9



10

Key	Part Number	Date of Use	Description
1	MSX-300-275	Launch	1qt Boiler Antifreeze Concentrate
2	MSX-300-270	Launch	1gal. Pre-Diluted Boiler Antifreeze (Pink)
3	MSX-300-300	Launch	1 gal. Pre-Diluted Boiler Antifreeze (Green)
4	FLX-139-5B0	Launch	Brass 90° Elbow Fitting 5/16” Barb x 1/4” (M)NPT
5	FLE-120-100	Launch	Garber Fuel Filter Cannister Replacement (Filter ONLY)
6	FLX-120-000	Launch	Garber Fuel Filter Assembly
7	PLX-A65-200	Launch	Brass Barb Fitting 90° 5/16” x 1/4” (M)NPT
8	WPE-600-190	Launch	Fuel Pressure Gauge
9	MSX-907-162	Launch	Antifreeze Refractometer (Tester)
10	WPX-310-646	Launch	Electrode Adjustment Gauge

PARTS MANUAL

400 SERIES



Aqua-Hot Heating Systems, LLC
7501 Miller Drive, Frederickk, CO 80504

Visit us online at www.aquahot.com
Call us at 574-AIR-XCEL (574-247-9235)

©2021 Aqua-Hot Heating Systems, LLC. Printed in the USA