

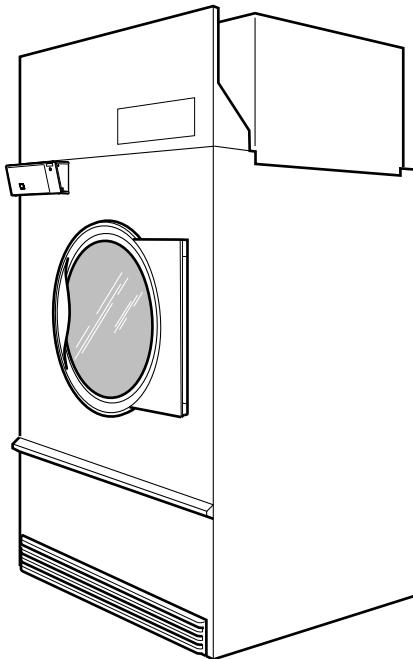
# Drying Tumblers

120 Pound Capacity

170 Pound Capacity

Models Through Serial No. 0907000048

Refer to Page 5 for Model Numbers



TMB1268C\_70399801





Steam Heater Components - 120 Pound Models Starting Serial No. 0412012321 Except B, C, and I Models.....	82
Steam Heater Components - 120 Pound B, C and I Models .....	84
Steam Heater Components - 170 Pound Models Through Serial No. 0412012320 Except B, C, I and L Models..	86
Steam Heater Components - 170 Pound Models Starting Serial No. 0412012321 Except B, C and I Models.....	88
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Junction Box Harnesses .....	102
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## Parts Ordering Information

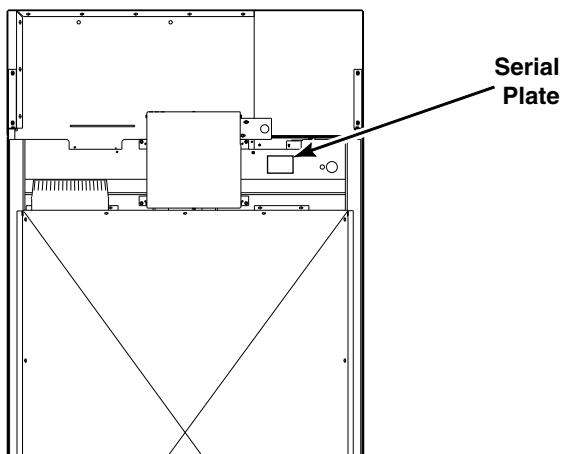
If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

For technical assistance, call the number listed below:

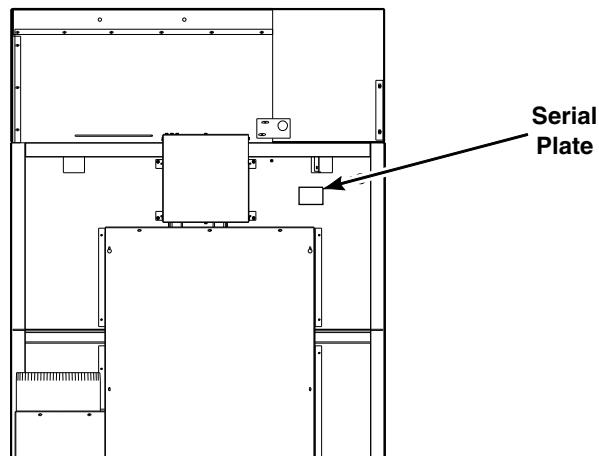
(920) 748-3121   Ripon, Wisconsin

## Serial Plate Location

When calling or writing about your product, be sure to mention model and serial numbers. Model and serial numbers are located on serial plate(s) as shown.



120 Pound



170 Pound

TMB2372P\_70399801

## Notes

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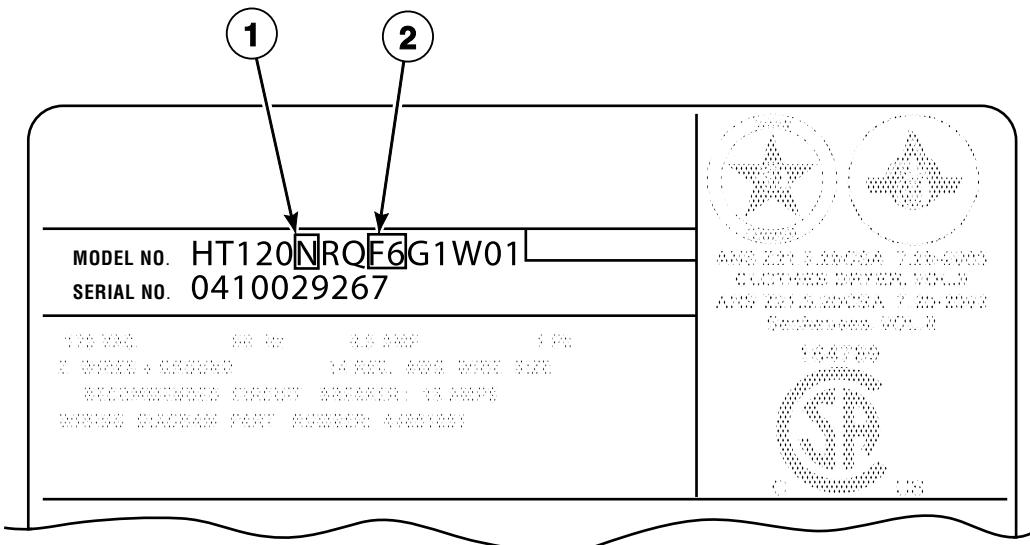
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# Product Overview - Heat Source and Voltage



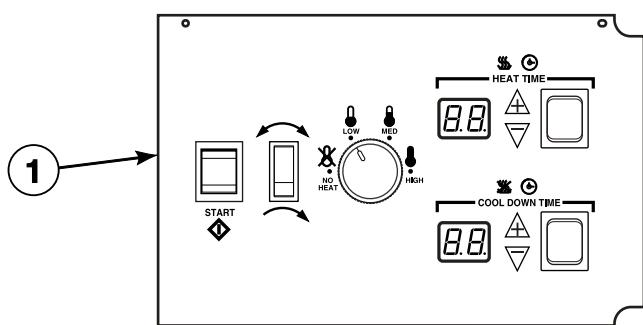
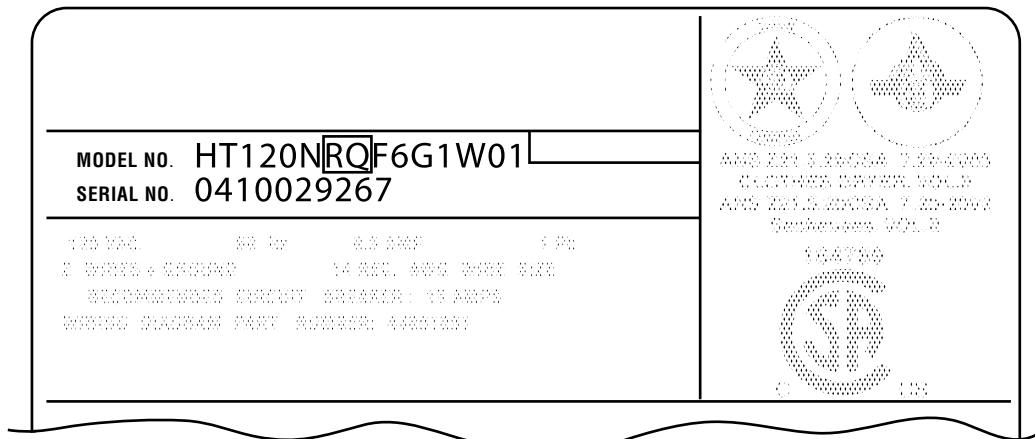
TMB2907P\_70399801

## Product Overview - Heat Source and Voltage

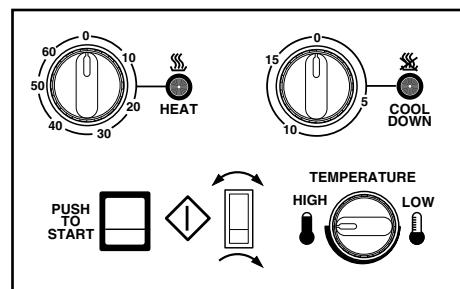
REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Heat Source	L: Liquid Petroleum Gas (L.P.) N: Natural Gas (N.G.) S: Steam T: Thermal Oil
2	-	Voltage	F6: 200-208 or 240 Volt/60 Hertz/3 Phase J5: 230 Volt/50 Hertz/3 Phase M2: 380 or 400-415 Volt/50 Hertz/3 Phase M3: 380 Volt/60 Hertz/3 Phase P1: 440 Volt/60 Hertz/3 Phase Q1: 460-480 Volt/60 Hertz/3 Phase

# Product Overview - Control Suffixes (Drawing 1 of 2)

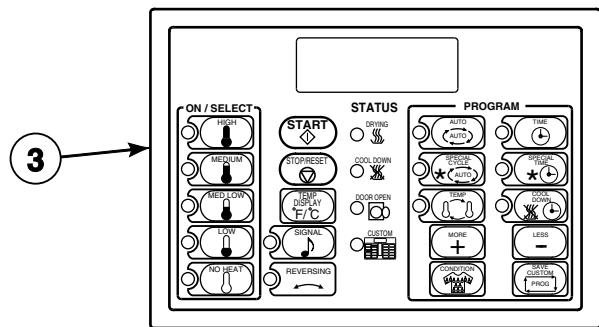
All Models Except G and K Models



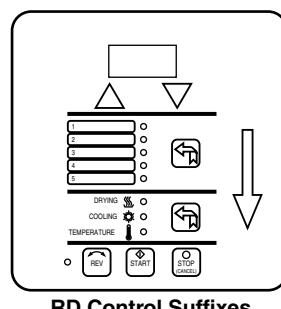
RQ Control Suffixes



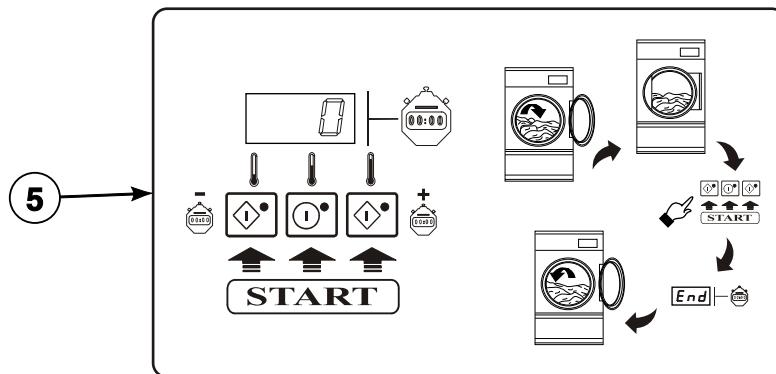
RT Control Suffixes



RM Control Suffixes



RD Control Suffixes



R3 Control Suffixes

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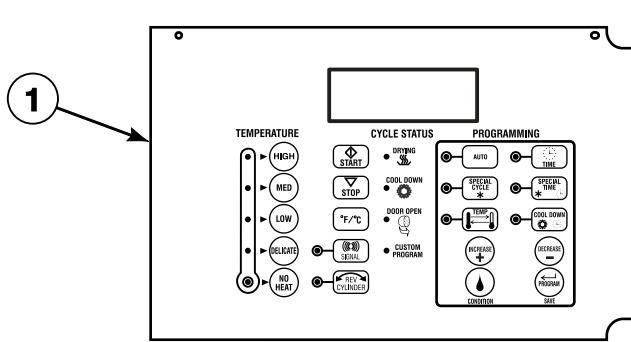
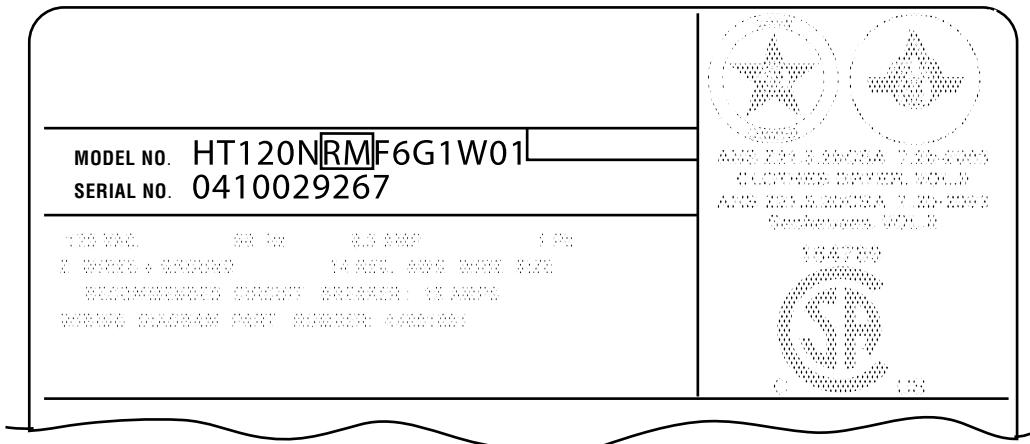
## Product Overview - Control Suffixes (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Control - Reversing	RQ: reversing dual digital timer
2	-	Control - Reversing	RT: reversing manual timer
3	-	Control - Reversing	RM: reversing OPL micro
4	-	Control - Reversing	RD: reversing DMP OPL
5	-	Control - Reversing	R3: reversing DX4 OPL

NOTE: OPL models have the following control suffixes: R3, RD, RM, RQ and RT.

# Product Overview - Control Suffixes (Drawing 2 of 2)

G and K Models



TMB2906P\_70399801

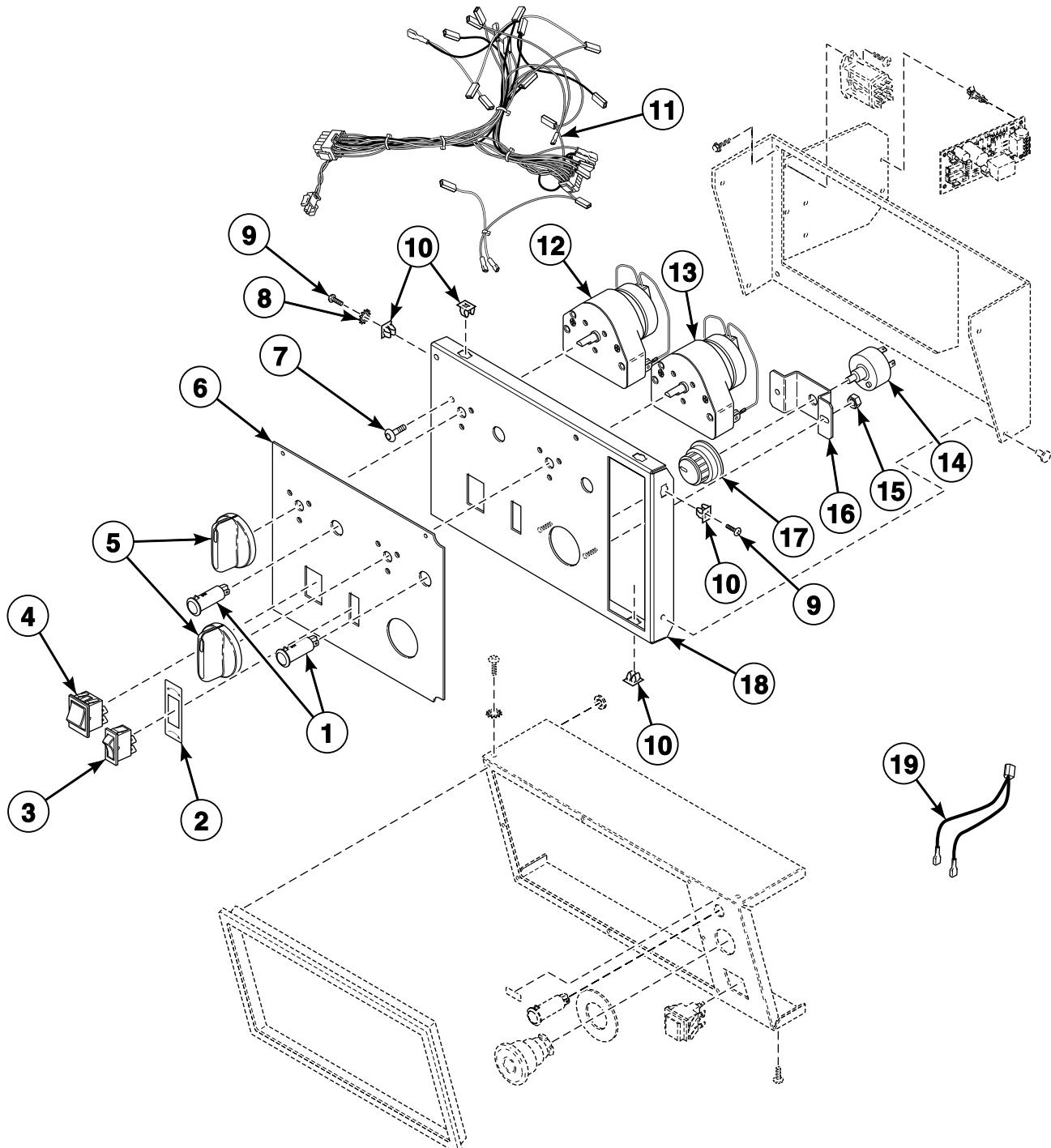
## Product Overview - Control Suffixes (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Control - Reversing	RM: reversing OPL micro

NOTE: OPL models have the following control suffixes: RM.

# Exterior Control Box - RT Control Suffix (Drawing 1 of 2)

H, P, S, U, W and X Models

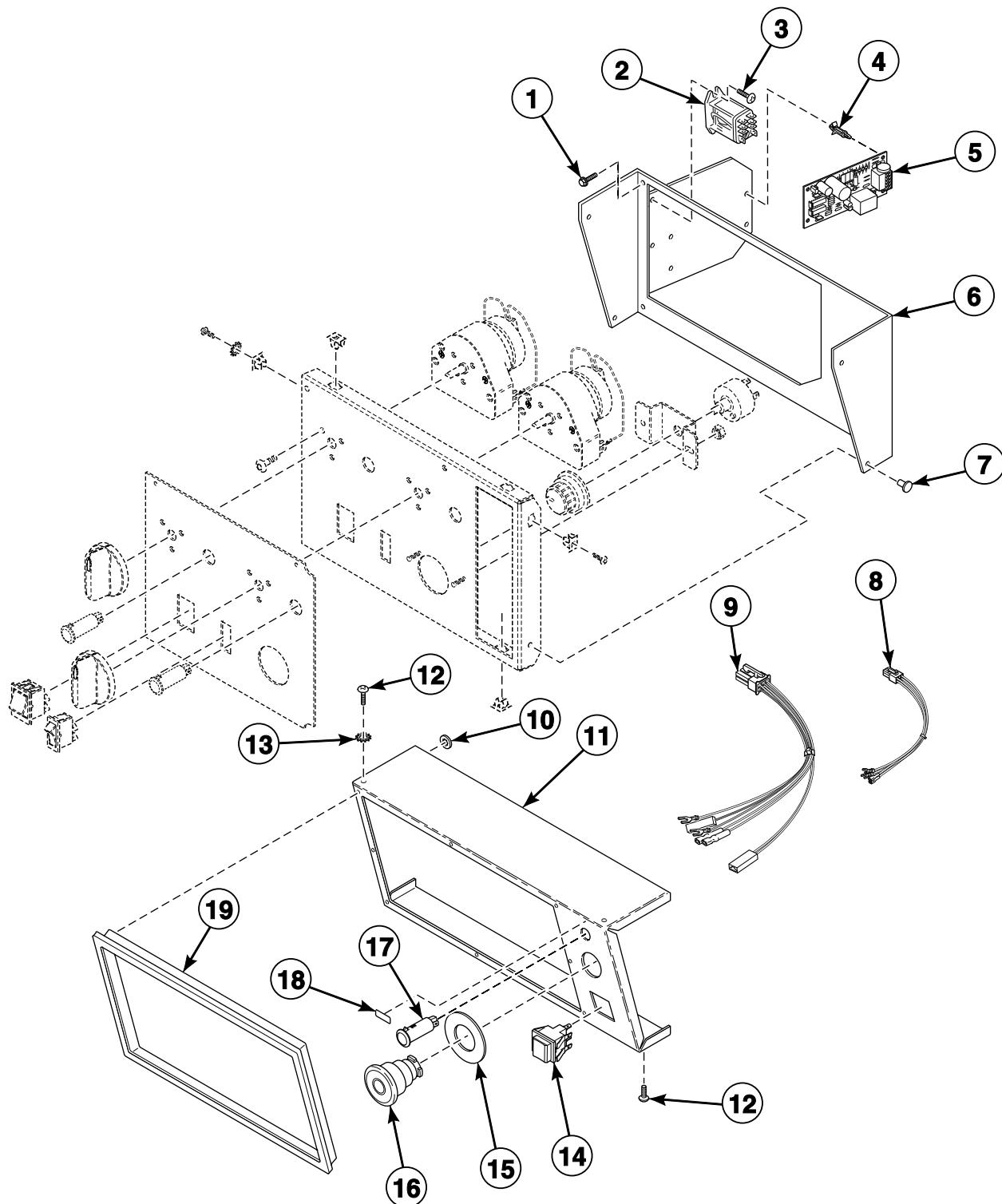


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# Exterior Control Box - RT Control Suffix (Drawing 2 of 2)

H, P, S, U, W and X Models

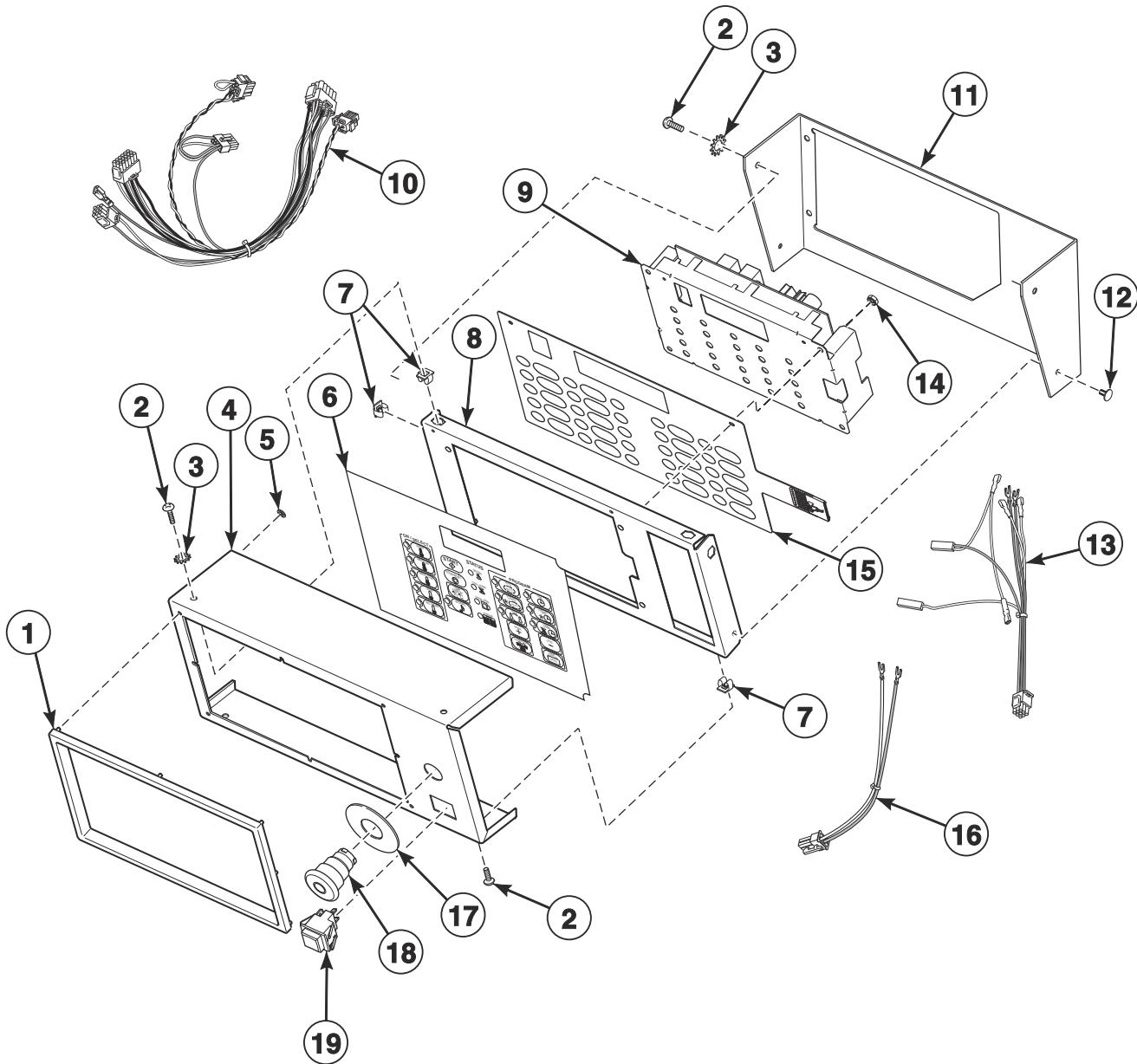


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# Exterior Control Box - RM Control Suffix

All Models Except B, C, I and YT Models

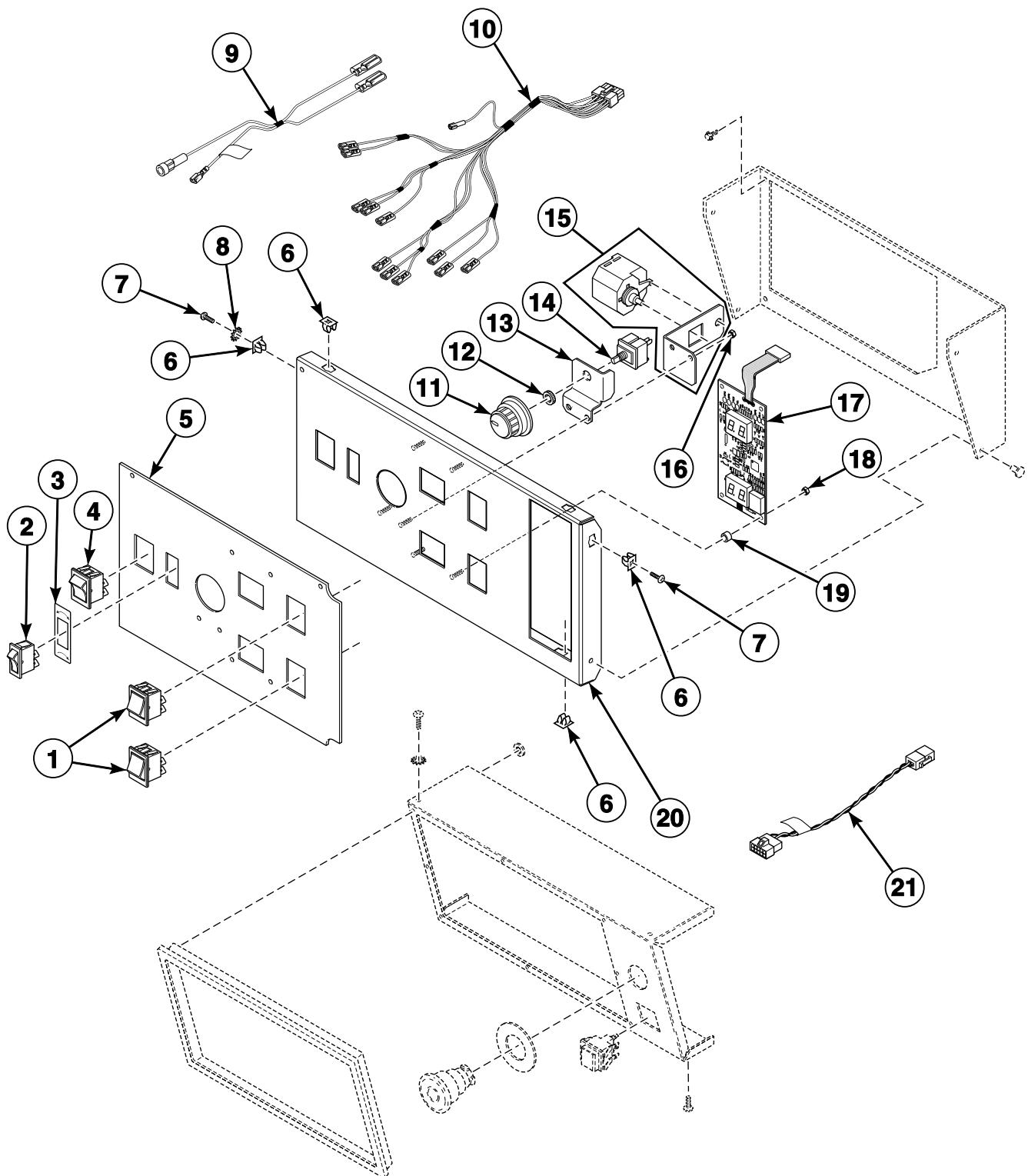


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# Exterior Control Box - RQ Control Suffix (Drawing 1 of 2)

C, H, I, P, S, U, X and YT Models

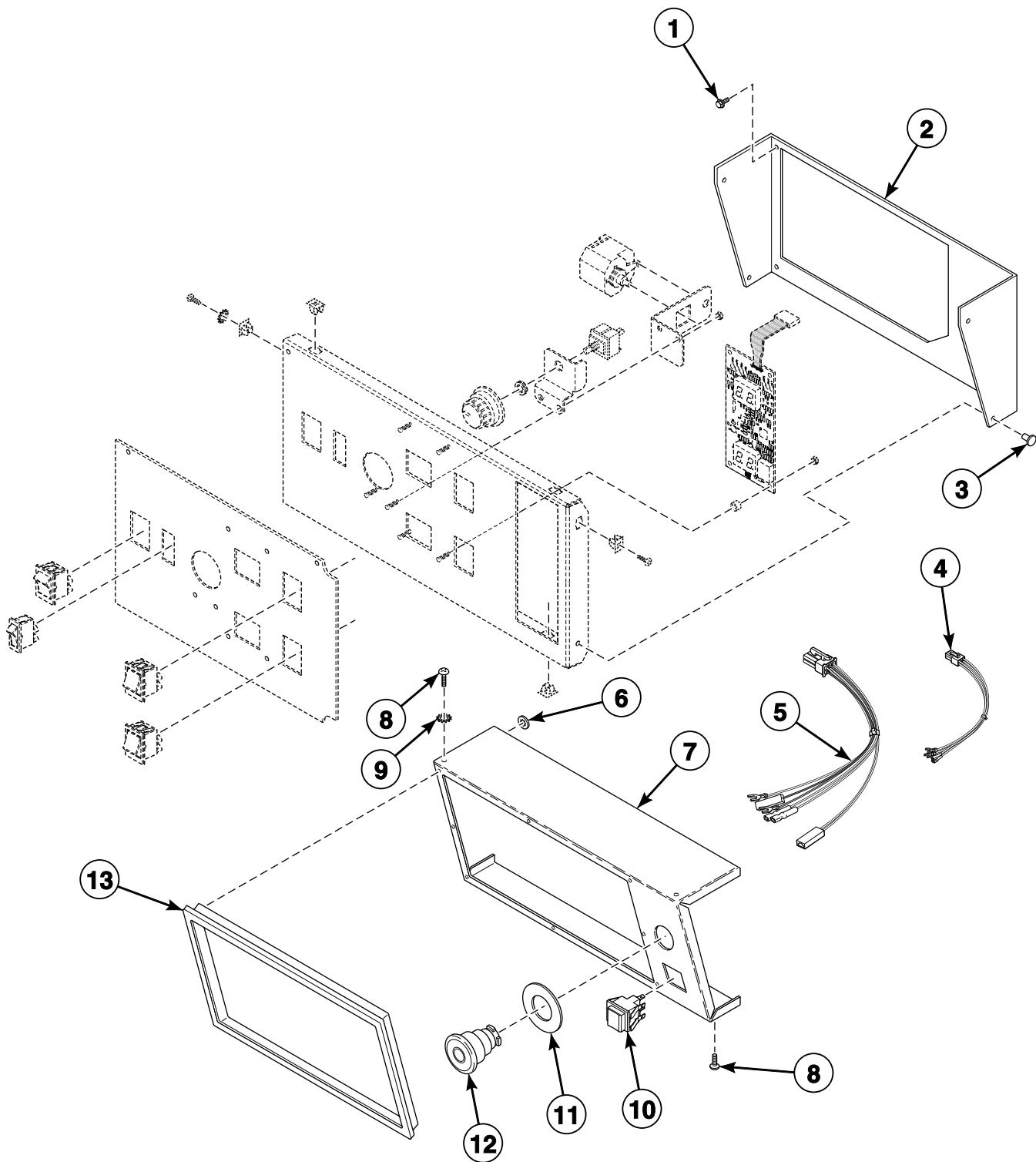


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# Exterior Control Box - RQ Control Suffix (Drawing 2 of 2)

C, H, I, P, S, U, X and YT Models



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## Exterior Control Box - RQ Control Suffix (Drawing 2 of 2)

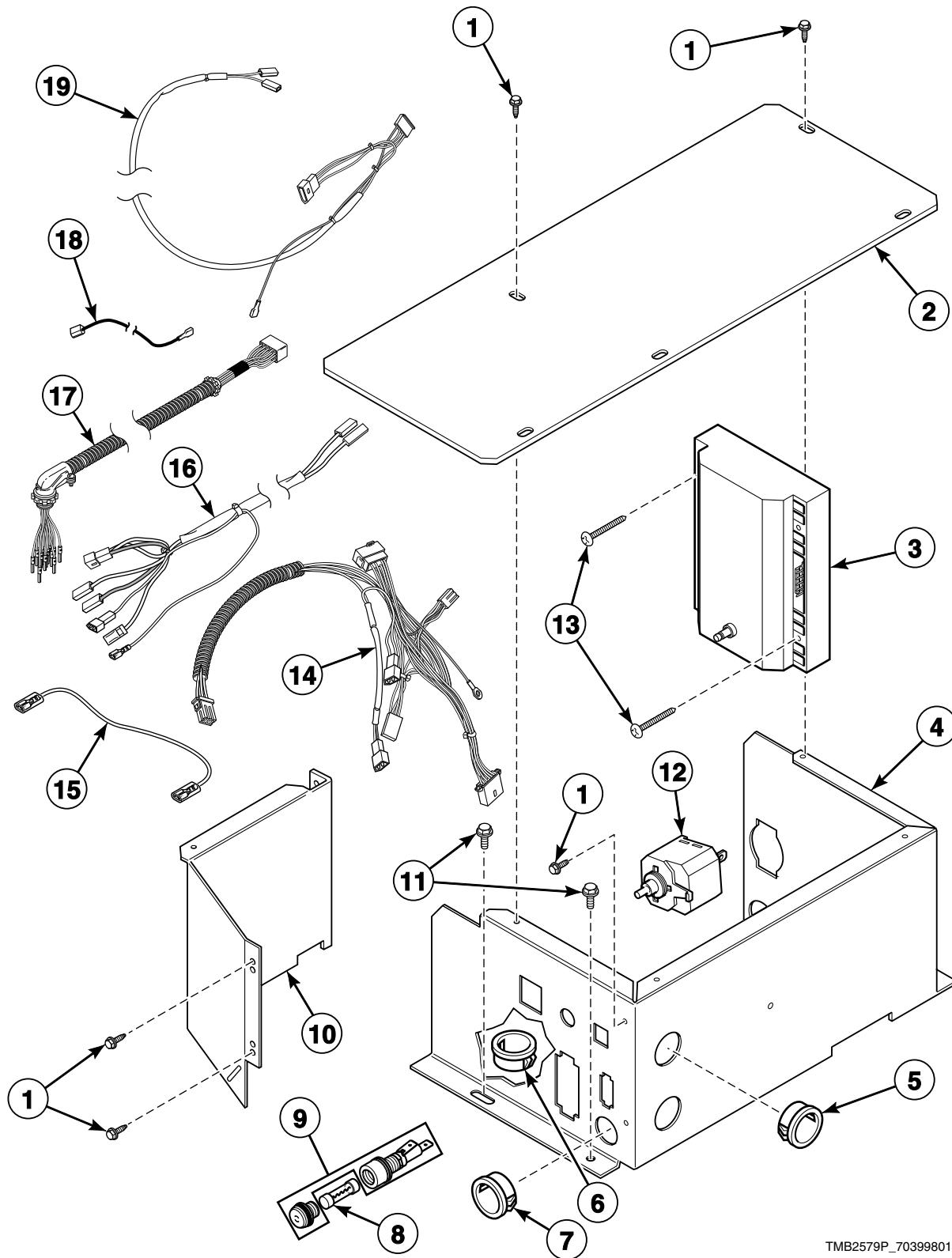
REF	PART NO.	DESCRIPTION	COMMENTS
	M4795P3W	Security Cover Kit	
1	430497	Screw	
2	44099501W	Control Mounting Bracket	
	44099502	Control Mounting Bracket	Stainless steel
3	M400713	Drive Rivet	
4	44030301	Emergency Stop Harness	CE models
5	44030201	Emergency Stop Reset Harness	CE models
6	M400977	Nut	
7	44013307*	Control Cover	Non-CE models
	N/A	Control Cover	Non-CE models; Stainless steel
	44013309*	Control Cover	CE models
	N/A	Control Cover	CE models; Stainless steel
8	800930	Screw	
9	03815	Washer	
10	M413431	Pushbutton Switch	CE models; Ignition reset
11	44012901	Emergency Stop Label	CE models
12	F200233500	Emergency Stop Pushbutton	CE models
13	44016401	Control Trim	Black; S, U, X and YT models
	44016402	Control Trim	Gray; H models

\* Add Letter To Designate Color. L - Almond W - White

N/A = Part no longer available

# Interior Control Box - RM and RT Control Suffixes

G, H, K, L, P, S, U, W, X and YU Models

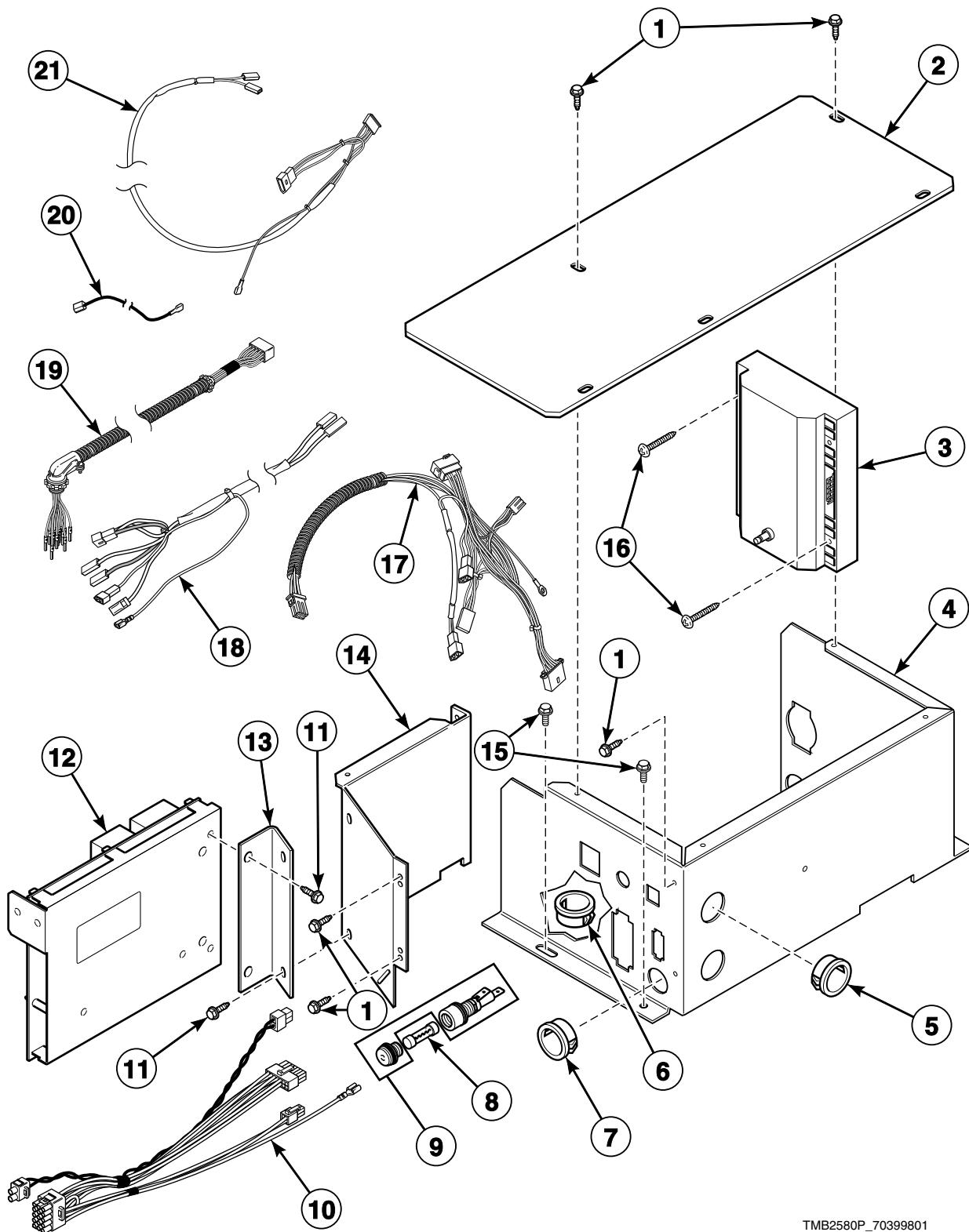


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# Interior Control Box - RQ Control Suffix

C, H, I, P, S, U, X and YT Models



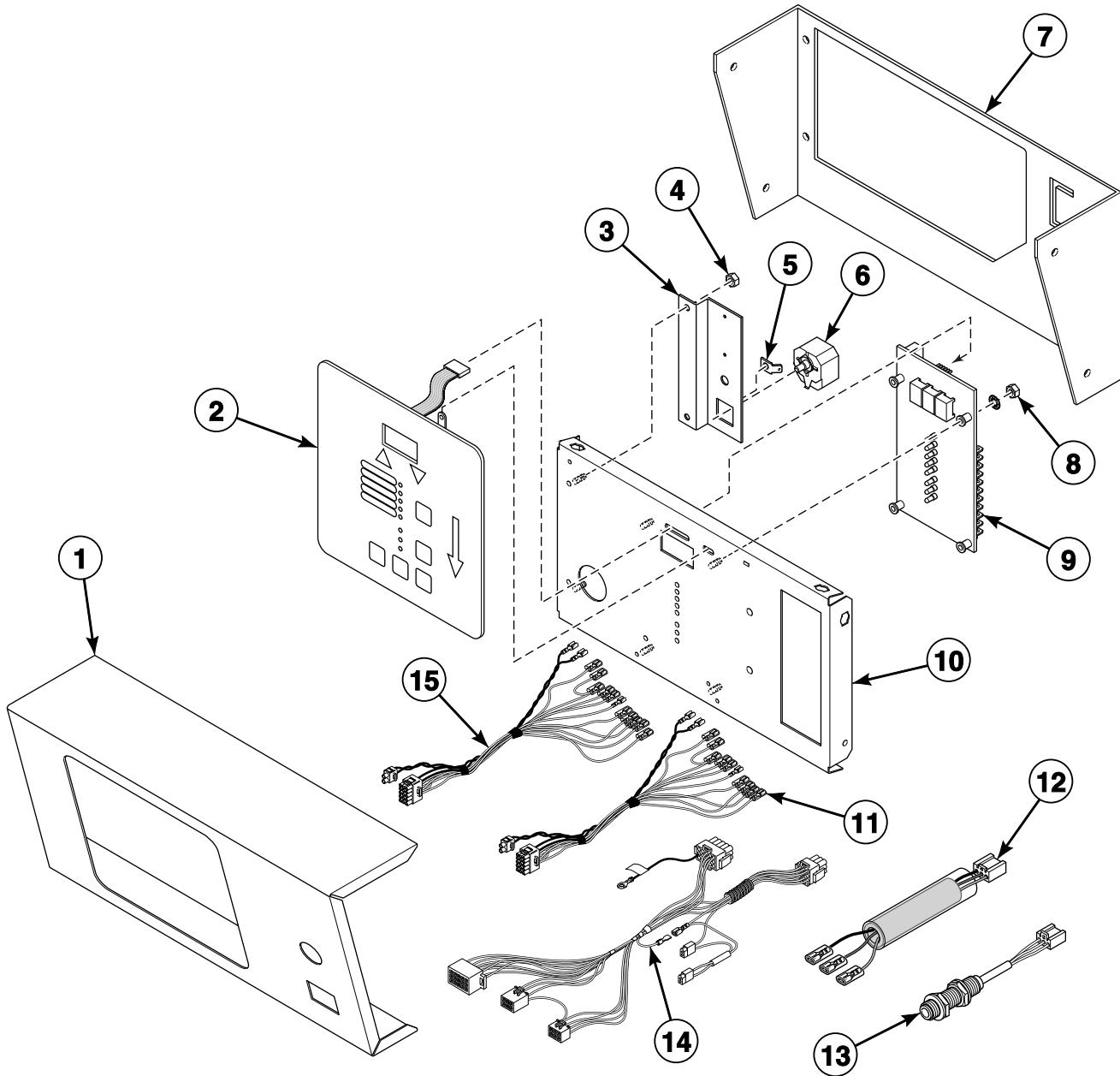
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## Interior Control Box - RQ Control Suffix

REF	PART NO.	DESCRIPTION	COMMENTS
1	51780	Screw	
2	44047301	Control Box Cover	
3	44264801	Ignition Control Kit	Non-CE and non-Australian gas models
	M4957P3	Ignition Control Kit	CE and Australian gas models
4	44047201	Control Box	Rear
5	70178701	Snap Bushing	1 inch panel hole
6	M411537	Bushing	Cabinet frame lint panel harness
7	M400770	Snap Bushing	CU, HU, PU, SU, UU and XU models; .875 inch panel hole
8	M414232	Fuse	Non-CE models
	M413889	Fuse	CE models
9	91024P	Fuse Receptacle	Non-CE models
	D502591P	Fuse Holder Kit	CE models
	D502811	Fuse Carrier	CE models
10	44100401	Control Panel Harness	Non-CE models
	44100501	Control Panel Harness	CE models
11	D501524	Screw	
12	D512202P	Control Assembly	
13	44099301	Control Bracket	
14	44047401	Control Box	Front
15	430497	Screw	
16	70118801	Screw	Non-Australian models
	M411143	Screw	Australian models
17	44101001	Control Box Harness	Non-CE models
	44102101P	Control Box Harness	CE models
18	N/A	Wire Harness Assembly	Australian models; Ignition control
19	44027101	Main Harness	CE models
	44019501	Main Harness	All other models
20	M411061	ICM Return Lead	Australian models; Use with M410904P Instant Electronic Ignition Control
21	M413534P	Ignition Control Harness Assembly	Non-CE and non-Australian gas models
	N/A	Ignition Control Harness	CE gas models

N/A = Part no longer available

## DMP Control Box - C and I Models with RD Control Suffix



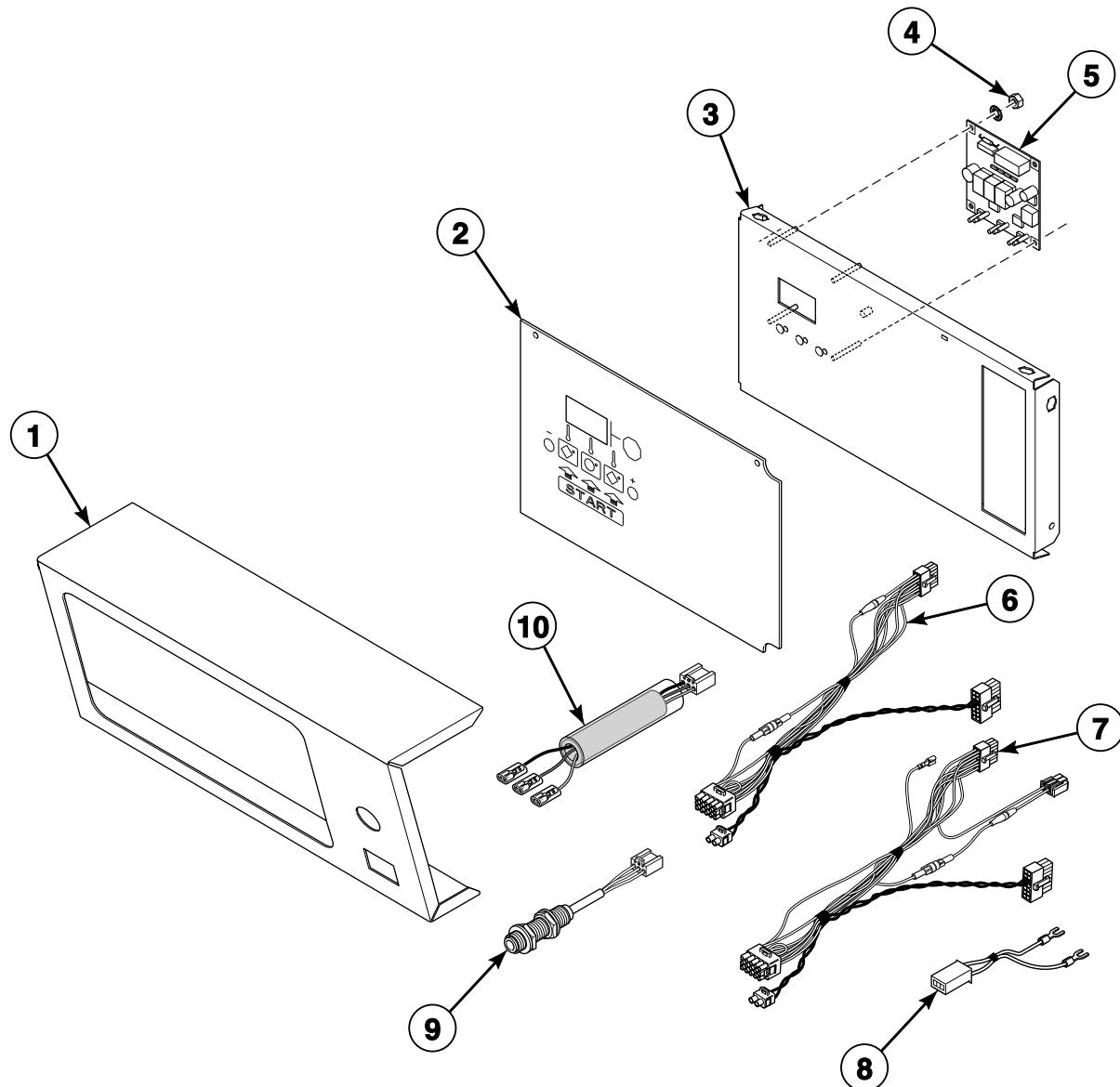
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## DMP Control Box - C and I Models with RD Control Suffix

REF	PART NO.	DESCRIPTION	COMMENTS
1	44040107*	Control Cover	Non-CE models
	44040108	Control Cover	Non-CE models; Stainless steel
	44040109*	Control Cover	CE gas models
	44040110	Control Cover	CE gas models; Stainless steel
	44040111*	Control Cover	CE steam models
	44040112	Control Cover	CE steam models; Stainless steel
2	44037901P	Membrane Switch	
3	44041701	Relay/Buzzer Bracket	
4	70054	Nut	
5	00177	Male Tab Terminal	
6	D505447	Adjustable Buzzer	
7	44040201*	Control Mounting Bracket	Non-CE models
	44040202	Control Mounting Bracket	Non-CE models; Stainless steel
8	29787	Nut	
9	44037801P	Electronic Control	
10	44041101	Control Plate Assembly	
11	44054001P	Control Panel Harness	CE models
12	7009P	Rotation Sensor Kit	
13	7010P	Rotation Sensor Kit	
14	44111601P	Control Box Harness	CE models
15	44111501P	Control Panel Harness	Non-CE models

\* Add Letter To Designate Color. Q - Bisque    W - White

## DX4 Control Box - B Models with R3 Control Suffix



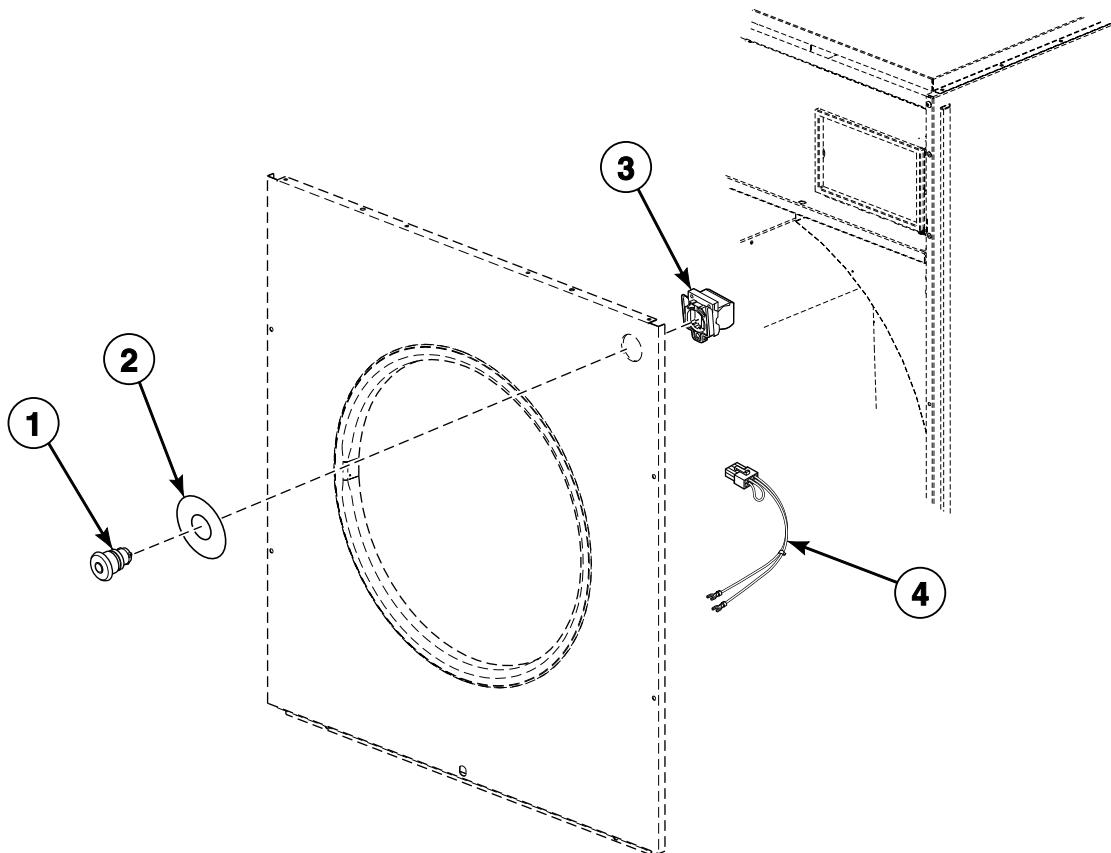
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## **DX4 Control Box - B Models with R3 Control Suffix**

<b>REF</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
1	44111701*	Control Cover	Non-CE models
	44111702	Control Cover	Non-CE models; Stainless steel
	44111703*	Control Cover	CE gas models
	44111704	Control Cover	CE gas models; Stainless steel
	44111705*	Control Cover	CE steam models
	44111706	Control Cover	CE steam models; Stainless steel
2	44240501	Graphic Overlay	CE models
	259/00005/00	Overlay	PRO HC control replacement; Refer to Parts Information Insert 8-18-251 for list of machine serial numbers
3	44038601	Control Plate Assembly	CE models
4	29787	Nut	
5	44051004	Electronic Control	
	254/00070/00	Control Board	PRO HC control replacement; Refer to Parts Information Insert 8-18-251 for list of machine serial numbers
6	44111201P	Control Panel Harness	Non-CE models
7	44058201P	Control Panel Harness	CE models
8	44111401	Emergency Stop Harness	CE models
9	7010P	Rotation Sensor Kit	
10	7009P	Rotation Sensor Kit	

\* Add Letter To Designate Color. Q - Bisque W - White

## Emergency Stop Button - CE Models



TMB2386P\_70399801

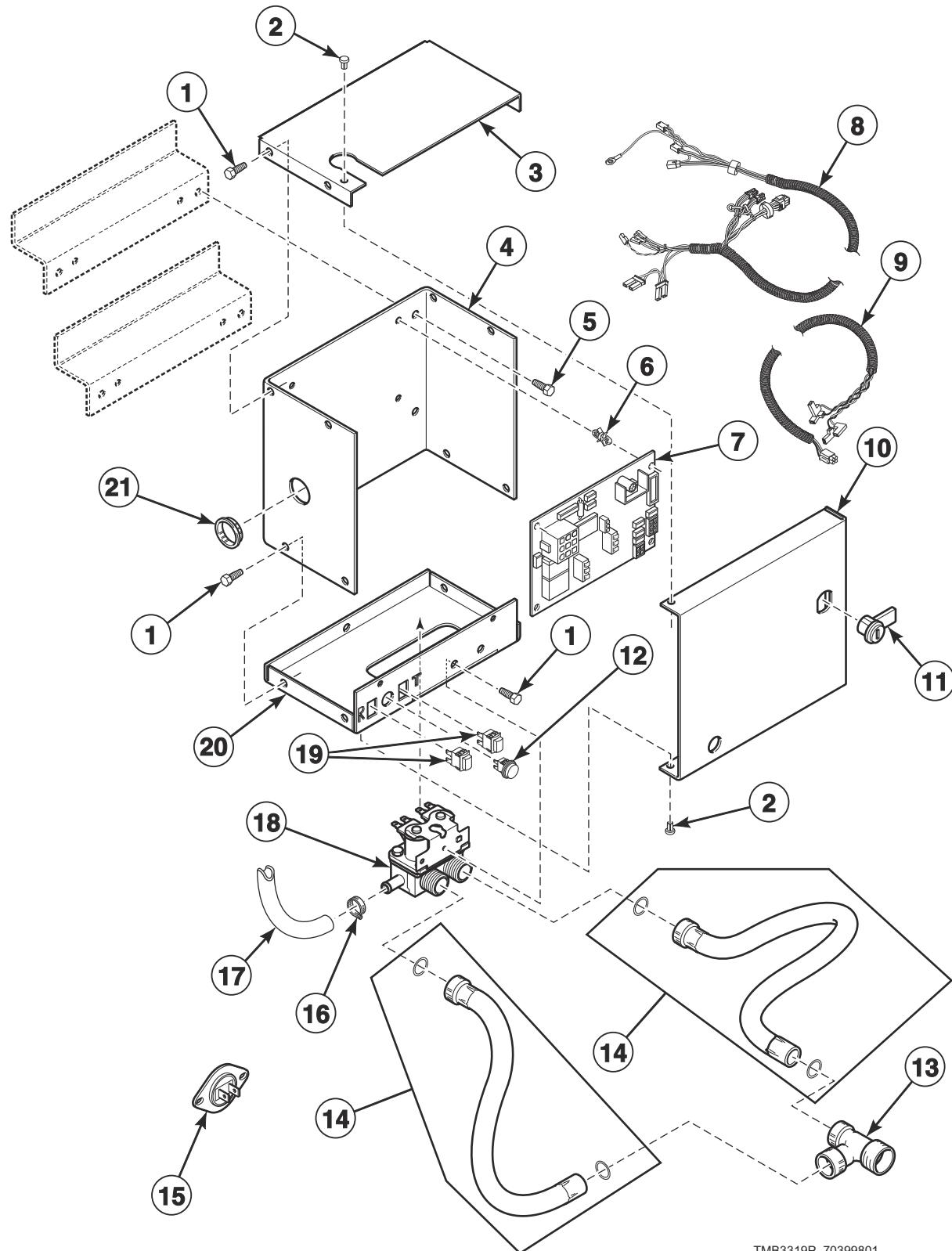
## Emergency Stop Button - CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F200233700P	Emergency Stop Button Kit	To switch from old style button to new style button
1	44018801	Pushbutton	Models through 9/30/07
	F200233500	Emergency Stop Pushbutton	Models starting 10/1/07
2	44012901	Emergency Stop Label	
3	44018701	Contact Block	Models through 9/30/07
	44018901	Contact Block	Models through 9/30/07; Order in addition to 44018701 Contact Block on models with R3 control suffix
	F200233401P	Contact Block Switch	Models starting 10/1/07 through 8/17/14
	F8069501	Contact Switch	Models starting 8/18/14
	F8538101	Contact Base	Models starting 8/18/14
4	70083901	Emergency Stop Switch Harness Assembly	G and K models; H, S and U models starting Serial No. 0308001308; B models starting Serial No. 0704000046
	44063201P	Front Panel Harness Assembly	B models; Models starting Serial No. 0704000046
	N/A	Emergency Stop Harness	B models; Models starting Serial No. 0704000046

**N/A = Part no longer available**

# Fire Suppression System Control Box

B, C, G, H, I, K, S and U Models  
Models with a K, L, T or U in the 11th Character (ST120NRTF6K1W01)

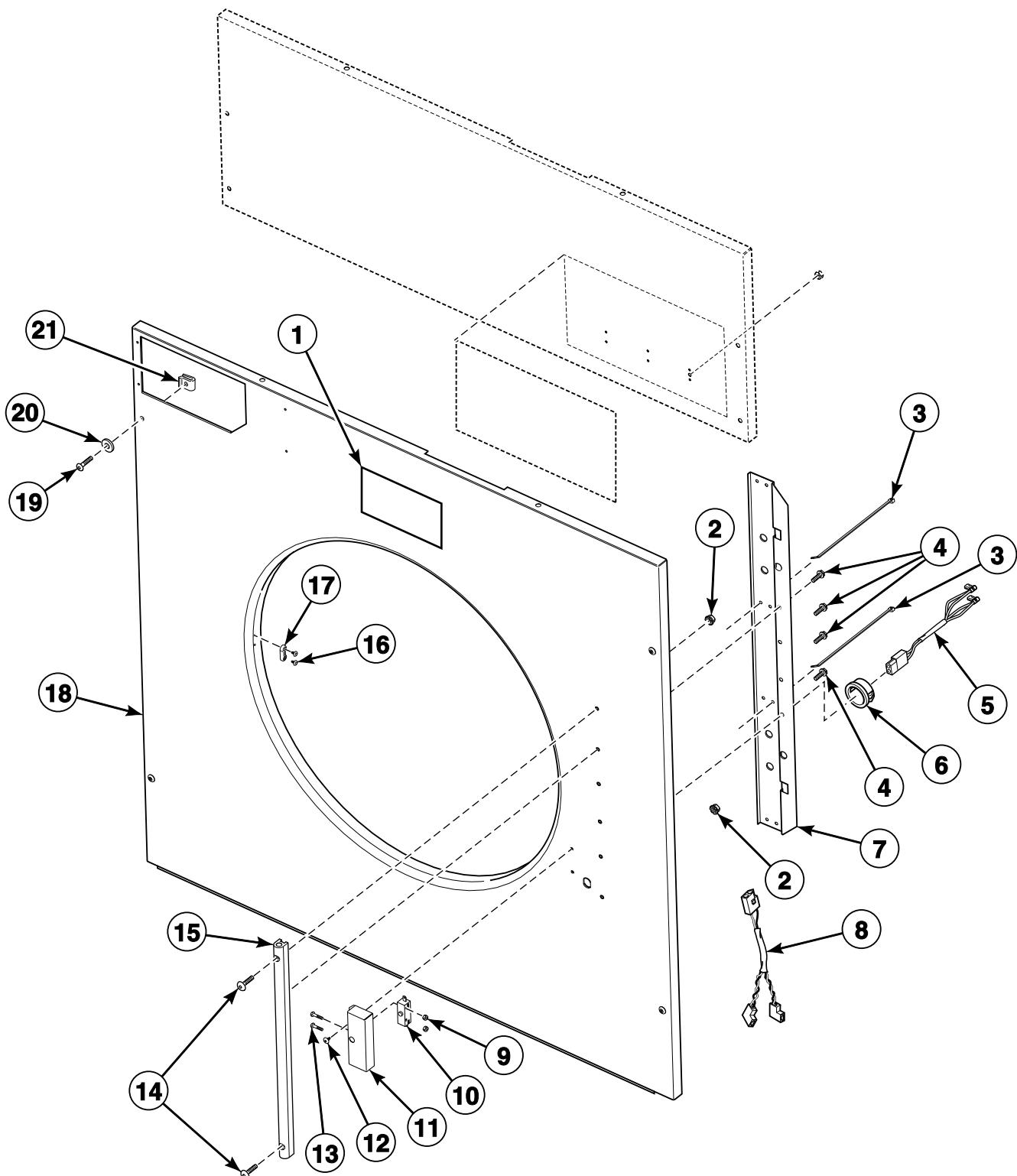


TMB3319P\_70399801

## Fire Suppression System Control Box

REF	PART NO.	DESCRIPTION	COMMENTS
1	430497	Screw	
2	M400713	Drive Rivet	
3	44065401	Control Box Top	Top
4	44065101	Control Box Housing	
5	51780	Screw	
6	D501523	Circuit Board Support	4 required
7	44063801P	Control	
8	44157501P	Control Harness	CE models
	44080201P	Control Harness	All other models
9	44082701P	Sensor Harness Assembly	
10	44065201	Control Box Cover	
11	44089301P	Lock, Key and Nut Kit	RL001 key code
	70155601	Key	RL001
12	801432	Light	Red
13	44069101	Hose Fitting	
14	F200116	Water Hose	2 required
15	44064701	Thermistor	2 required
16	36801	Hose Clamp	
17	44073302	Hose	120 pound models; 21 inches; Outlet hose
	44073303	Hose	170 pound models; 31 inches; Outlet hose
18	36958P	Mixing Valve	
19	801434W	Push-to-Start Switch	2 required
20	44065301	Control Box Base	
21	70178701	Snap Bushing	

## Cabinet Front Components (Drawing 1 of 2)



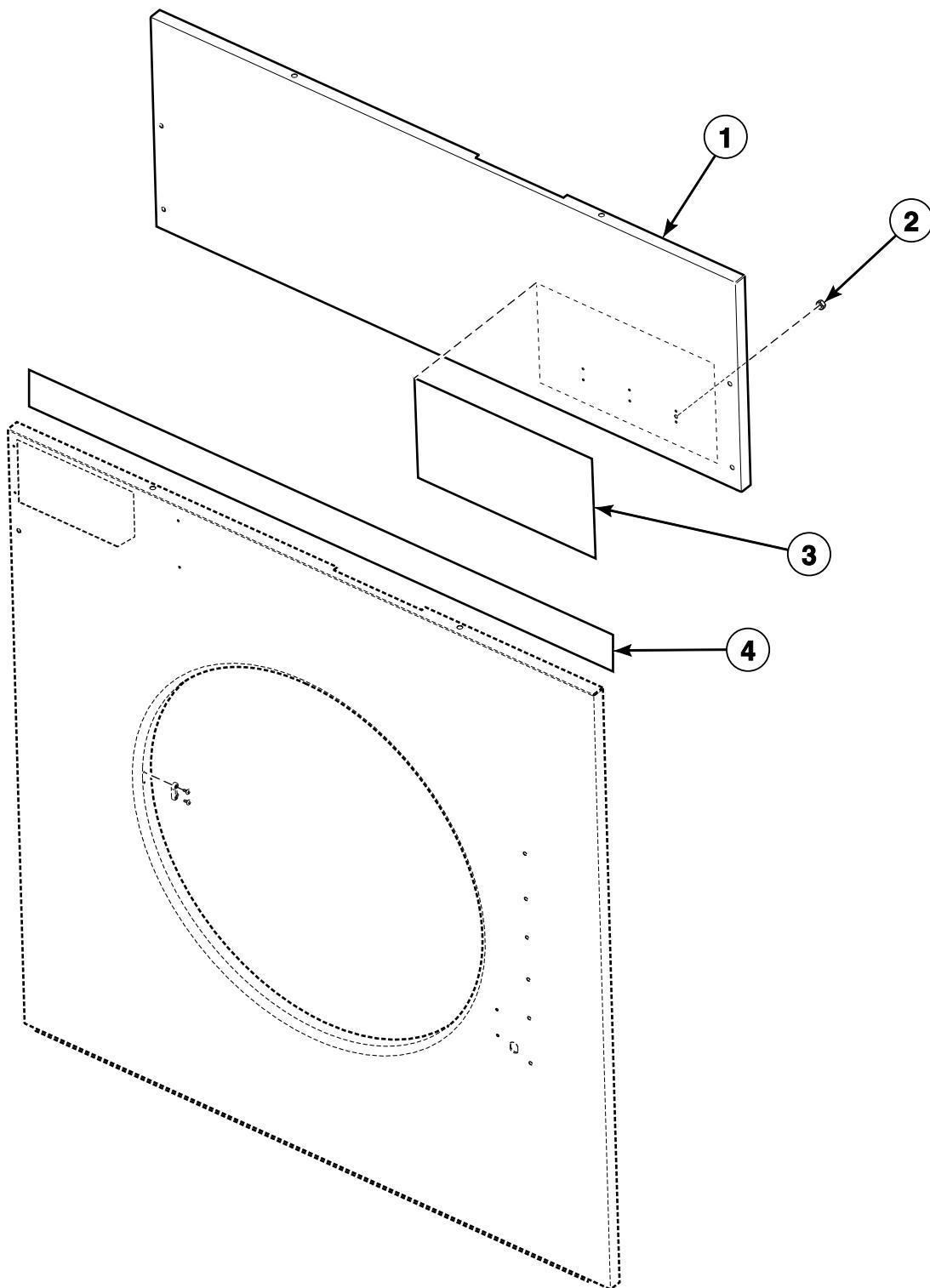
TMB2794P\_70399801

# Cabinet Front Components (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	298P4P	Spray Paint	White
	297P4	Spray Paint	Almond
	381P4	Spray Paint	Bisque
	382P4	Spray Paint	Cream
	286P4	Spray Paint	Blue
	122P4P	Porcelain Touch-Up Paint	White
	215P4P	Porcelain Touch-Up Paint	Almond
	370P4P	Porcelain Touch-Up Paint	Bisque
1	70537101	Label	G and K models; F.S.S.
2	29786	Nut	2 required
3	55881	Harness Strap	2 required; Front panel harness to door switch wire channel
4	44023301	Screw	4 required
5	44019601P	Door Switch Harness	
6	70346501	Bushing	Required for door switch harness going through frame
7	44001801	Door Switch Wire Channel	120 pound models
	44001802	Door Switch Wire Channel	170 pound models
8	44019601P	Door Switch Harness	
9	02788	Nut	2 required
10	44018201	Door Switch	
11	44001301	Door Switch Cover	
12	431287	Screw	2 required
13	M402574	Screw	2 required
14	70033504	Screw	2 required
15	44035001	Door Hinge Lug Assembly	Includes bushings
16	M400072	Screw	2 required; Models through Serial No. 0305000001 except L models
	44166601	Pop Rivet	2 required; Models starting Serial No. 0305000001
17	M401223	Door Latch	
18	44012401W	Front Panel	120 pound models
	44012402	Front Panel	120 pound models; Stainless steel
	44078101*P	Front Panel Assembly	170 pound models
	44012502P	Front Panel	170 pound models; Stainless steel
19	70182601	Screw	4 required per panel
20	800465	Washer	4 required per panel
21	70030401	Nut	Access and front panel attachment

\* Add Letter To Designate Color. Q - Bisque W - White

## Cabinet Front Components (Drawing 2 of 2)



TMB2636P\_70399801

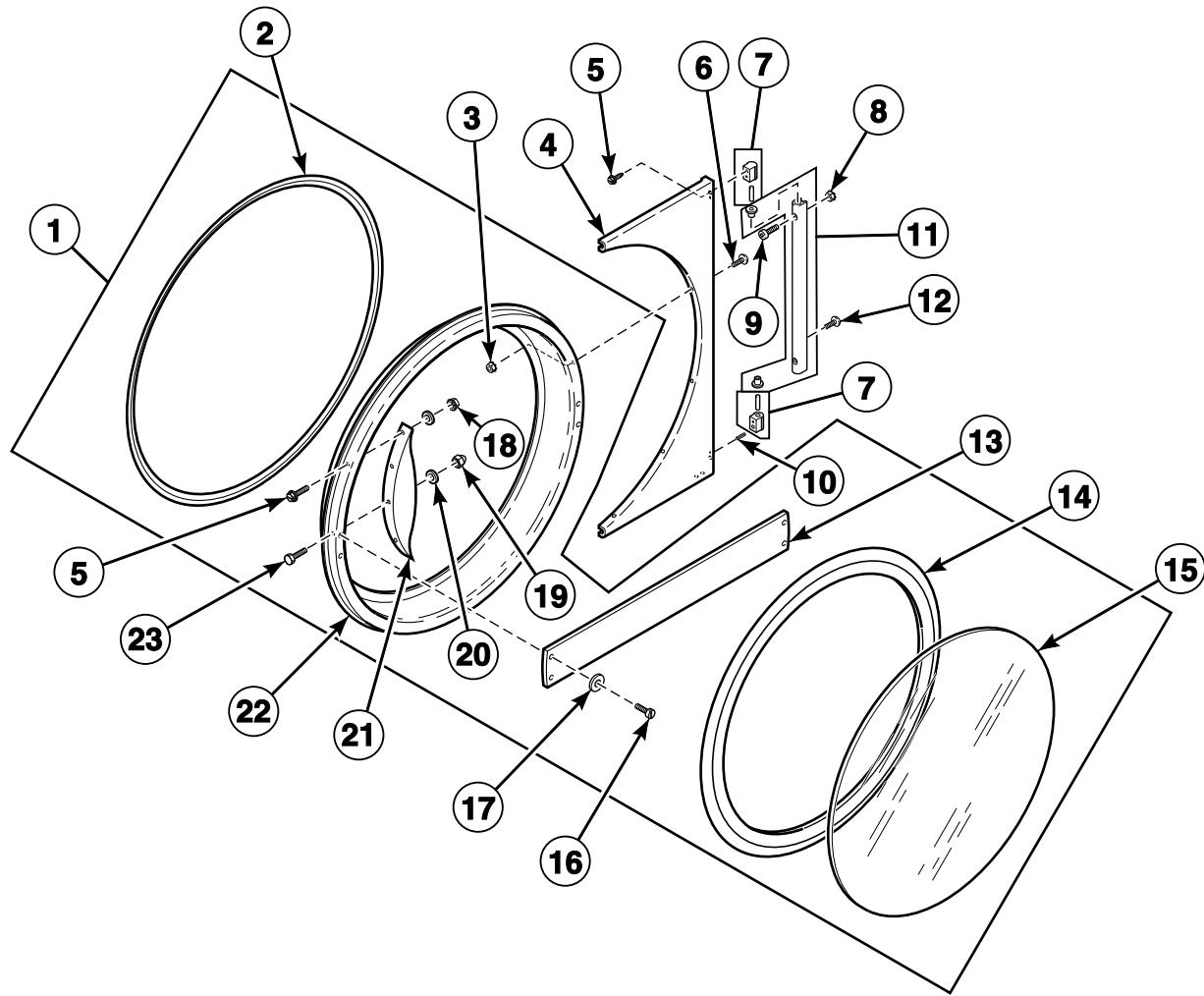
## Cabinet Front Components (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	44012601*	Access Panel	L and P 120 pound models
	44012602	Access Panel	L, PT, PU and XT 120 pound models; Stainless steel
	44012701*P	Front Access Panel	LU and P 170 pound models
	44012702P	Access Panel	L, PT, PU, XT and XU 170 pound models; Stainless steel
	44012607*P	Front Access Panel	CT, CU, G, H, I, K, L, P, S, U, W and Y 120 pound models; B 120 pound CE models
	44012608	Front Access Panel	CT, HT, I, ST and UT 120 pound models; Stainless steel
	44012707*P	Front Access Panel	CT, G, H, I, K, S, U, W, XT and Y 170 pound models; B 170 pound CE models
	44012708	Front Access Panel	CT, HT, ST and UT 170 pound models; B 170 pound CE models; Stainless steel
2	M400977	Nut	L and P models; For access panel trim; 2 required
3	44035801	Nameplate	X models
	44010401	Nameplate	H models
	44010601	Nameplate	S models
	70128901	Nameplate Overlay	P models
	70243901	Nameplate	L models
	M412963	Nameplate Overlay	U models
	44104501	Nameplate Overlay	Y models
	70348501	Nameplate	C models
	70348601	Nameplate	B and I models
	44130401	Nameplate Overlay	K 120 pound models
	44130501	Nameplate Overlay	K 170 pound models
	70410201	Nameplate Overlay	G models
4	70399403	Access Panel Trim	G and K 120 pound models; Mounts over front panel assembly and control panel
	70399404	Access Panel Trim	G and K 170 pound models; Mounts over front panel assembly and control panel

\* Add Letter To Designate Color. L - Almond Q - Bisque W - White

N/A = Part no longer available

## Door and Hinge Components - G, H, K, L, P, S, U, W, X and Y Models



TMB2635P\_70399801

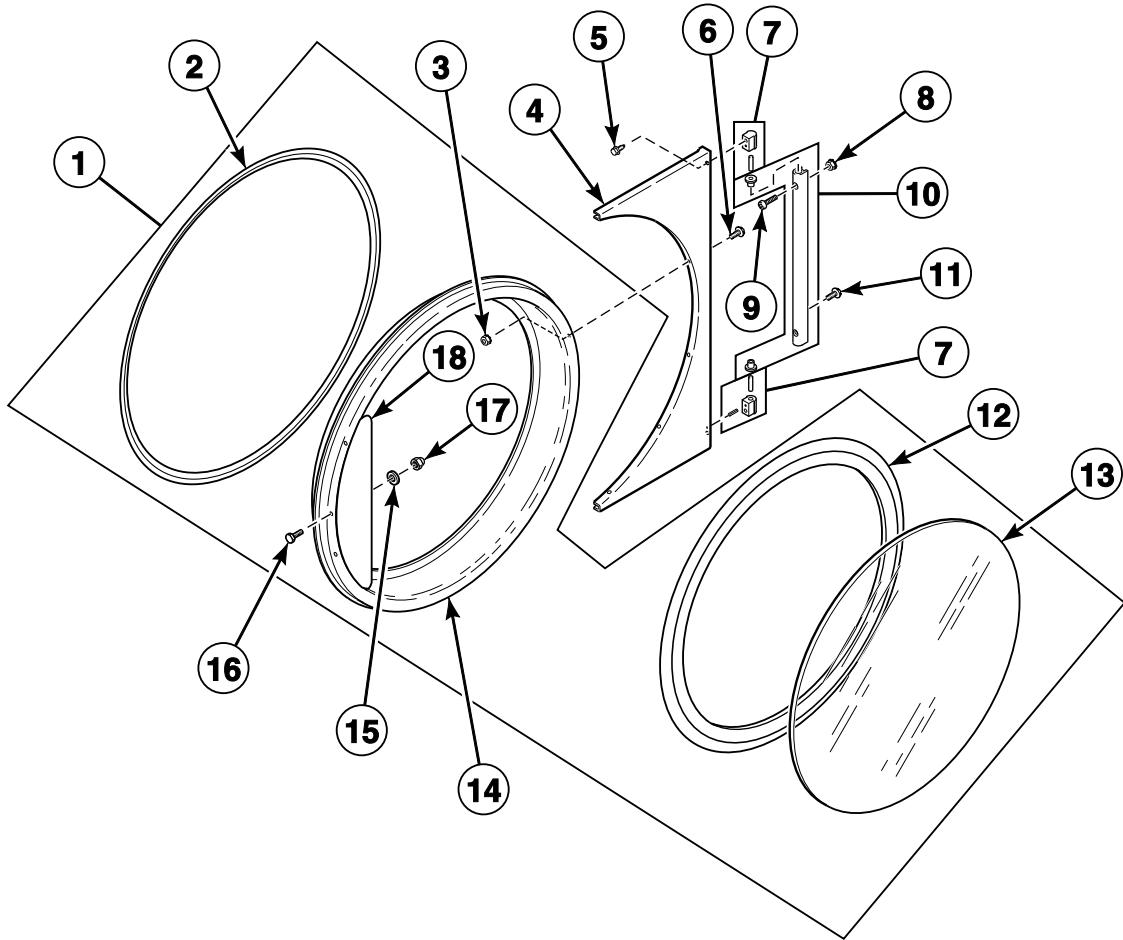
# Door and Hinge Components - G, H, K, L, P, S, U, W, X and Y Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M4221P4	Door Glass Installation Tool	
<b>1</b>	44028902P	Door Assembly	S and U models; Includes door strike, nut and washer
	44058102P	Door Assembly	H models; Hinge not included; Includes door strike, nut and washer
	N/A	Door Assembly	L, P, W, X and Y models; Includes door strike, nut and washer
	70407401	Door Assembly	G and K models
<b>2</b>	44008201P	Door Ring Gasket	
<b>3</b>	23951	Nut	6 required
<b>4</b>	44075207B	Door Hinge	G and K models
	44075201*	Door Hinge Assembly	All other models
	44075202	Door Hinge Assembly	All other models; Stainless steel
<b>5</b>	61199	Screw	3 required for cams; 4 required for handle
<b>6</b>	M400044	Screw	6 required
<b>7</b>	44035102	Door Hinge Cam Assembly	G and K models
	M4772P3	Cam and Hinge Kit	All other models; Includes dowel; Upper and lower
<b>8</b>	29786	Nut	2 required
<b>9</b>	70409801	Screw	G and K models; 2 required
	70033504	Screw	All other models; 2 required
<b>10</b>	70126201	Screw	
<b>11</b>	44035002	Door Hinge Lug Assembly	G and K models; Includes bushings
	44035001	Door Hinge Lug Assembly	All other models; Includes bushings
<b>12</b>	44023301	Screw	4 required
<b>13</b>	70399501B	Handle Bar	G and K models
<b>14</b>	70211902P	Door Seal Kit	
<b>15</b>	44008401P	Door Glass	G, K, L, P, S, U, W, X and Y models
	44008402P	Door Glass	H models
<b>16</b>	70126301	Pop Rivet	G and K models; 4 required
<b>17</b>	70409301	Washer	G and K models; 2 required
<b>18</b>	70054	Nut	4 required
<b>19</b>	M414215	Nut	
<b>20</b>	800465	Washer	5 required
<b>21</b>	44007901	Door Handle	S and U models
	44057702	Door Handle	H, L, P, W, X and Y models; Includes M409385 Screw
<b>22</b>	44007703	Door Ring	G and K models
<b>23</b>	M400661	Screw	Door strike

\* Add Letter To Designate Color. Q - Bisque    W - White

N/A = Part no longer available

## Door and Hinge Components - B, C and I Models

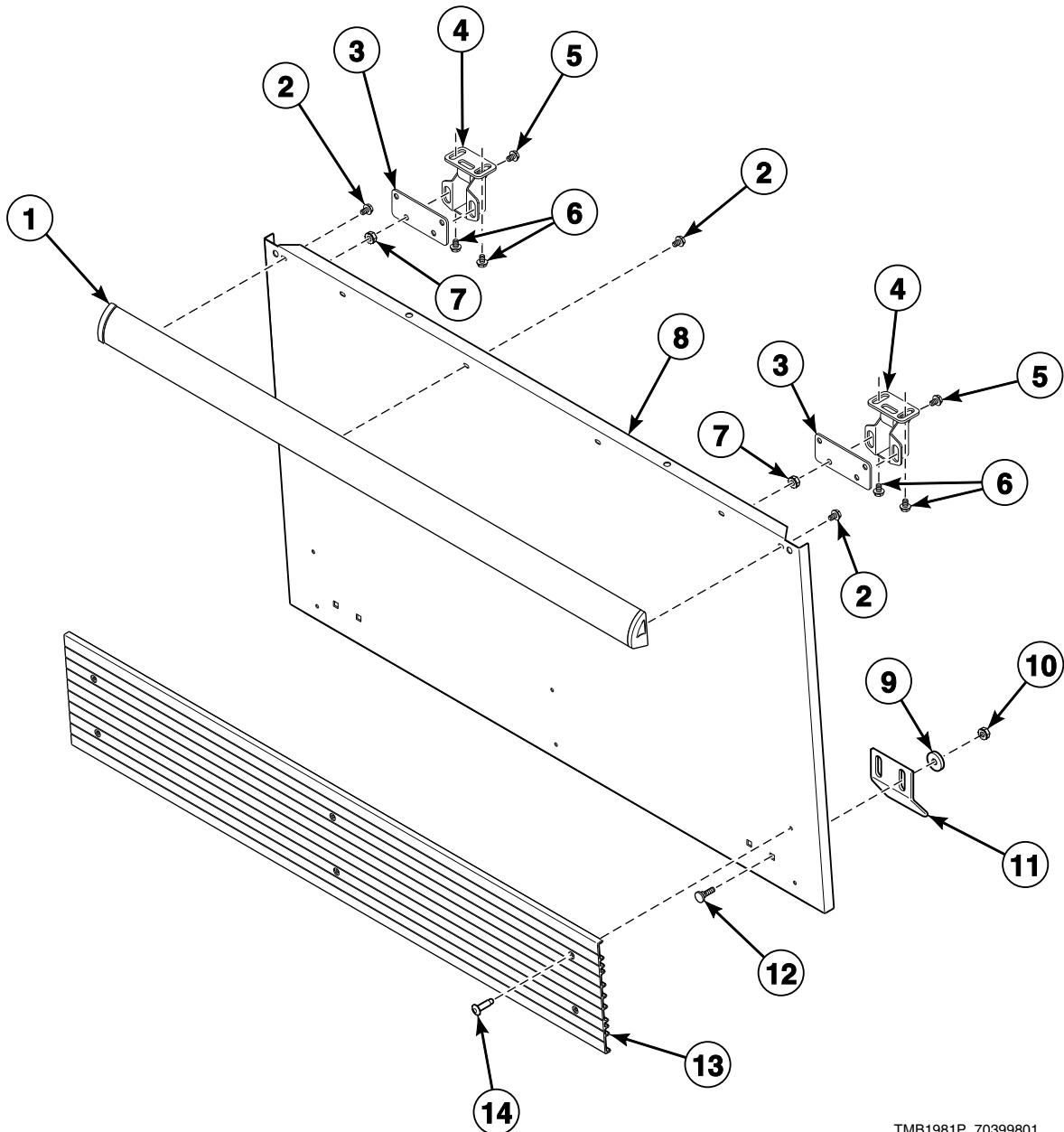


TMB2582P\_70399801

## Door and Hinge Components - B, C and I Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M4221P4	Door Glass Installation Tool	
1	44112101	Door Assembly	
2	44008201P	Door Ring Gasket	
3	23951	Nut	6 required
4	70115902	Door Hinge	Stainless steel
5	61199	Screw	3 required, 2 in top cam and 1 in bottom
6	M400044	Screw	6 required
7	M4772P3	Cam and Hinge Kit	
8	29786	Nut	2 required
9	70033504	Screw	2 required
10	44035001	Door Hinge Lug Assembly	Includes bushings
11	44023301	Screw	4 required
12	70211902P	Door Seal Kit	
13	44008401P	Door Glass	
14	44112001	Door Ring and Handle Assembly	Includes item 18
15	800465	Washer	
16	M400661	Screw	Door strike
17	M414215	Nut	
18	44111901	Door Handle	

## Lint Panel Components

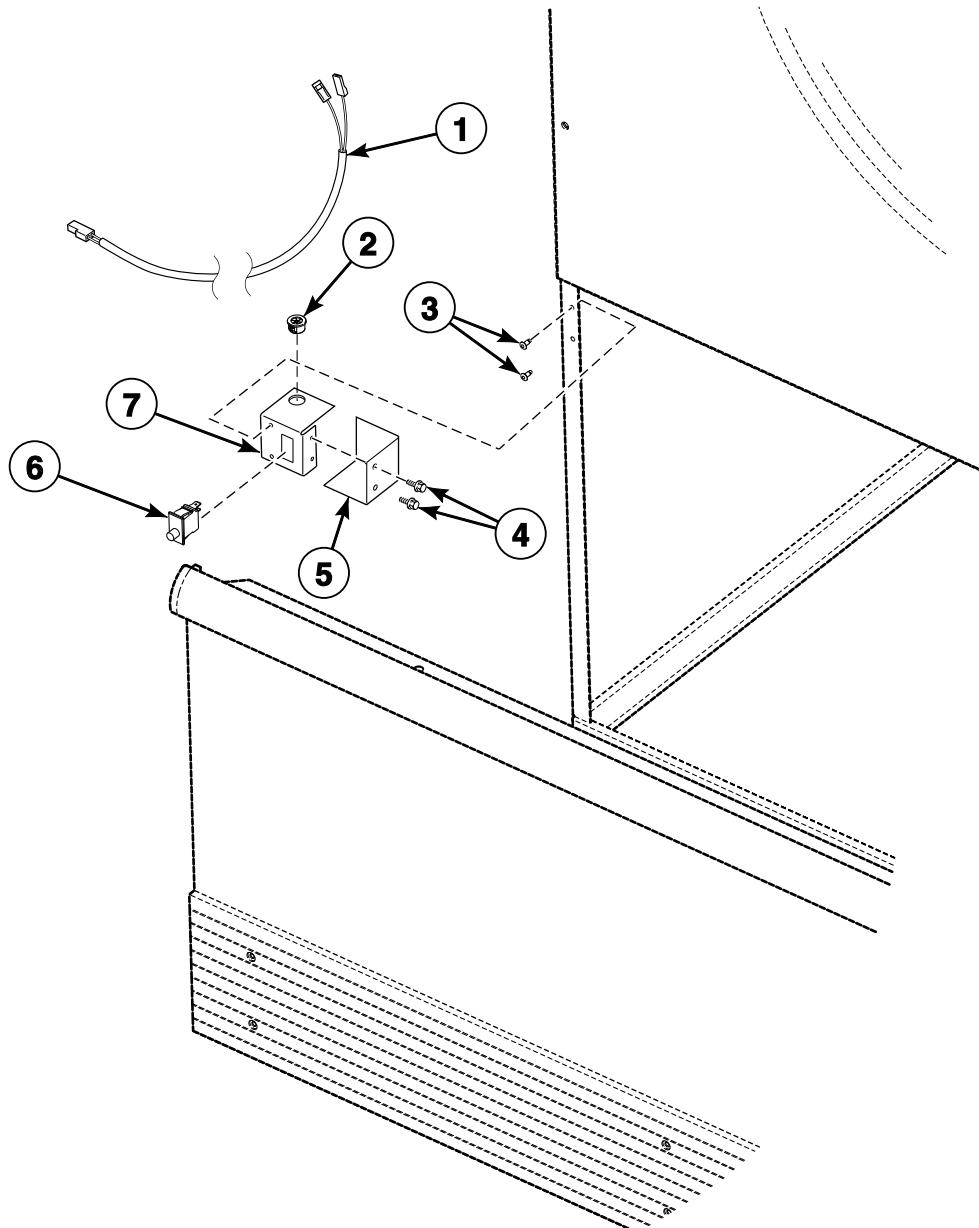


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## Lint Panel Components

REF	PART NO.	DESCRIPTION	COMMENTS
1	44049901	Handle and Caps Assembly	B, C, I, L, P, S, U, W, X and Y 120 pound models; Black; Includes endcaps
	44049902	Handle and Caps Assembly	H 120 pound models; Gray; Includes endcaps
	44049903	Handle and Caps Assembly	B, C, I, L, P, S, U, W, X and Y 170 pound models; Black
	44049904	Handle and Caps Assembly	H 170 pound models; Gray
	70407203	Handle Bumper	G and K 120 pound models; Black and blue; Does not have endcaps
	70407204	Handle Bumper	G and K 170 pound models; Black and blue; Does not have endcaps
2	430757	Screw	6 required
3	44014001	Roller Catch Mounting Bracket	2 required
4	H87020202	Roller Catch	2 required; Includes strike
5	61199	Screw	8 required
6	D501086	Screw	4 required
7	70054	Nut	8 required
8	44012201WP	Lint Panel	120 pound models
	44012202	Lint Panel	120 pound models; Stainless steel
	44012301WP	Lint Panel	170 pound models
	44012302P	Lint Panel	170 pound models; Stainless steel
9	M405535	Washer	4 required
10	44087101	Nut	4 required
11	44017801	Lint Panel Clip	2 required
12	44017901	Bolt	4 required
13	70117609	Kickplate	B, C, G, I, K, L, P, S, U, W, X and Y 120 pound models; Black
	70117610	Kickplate	H 120 pound models; Gray
	70117611	Kickplate	B, C, G, I, K, L, P, S, U, W, X and Y 170 pound models; Black
	70117612	Kickplate	H 170 pound models; Gray
14	70126301	Pop Rivet	B, C, G, I, K, L, P, S, U, W, X and Y models; Black; 6 required
	70126401	Pop Rivet	H models; Gray; 6 required

## Lint Panel Switch Assembly

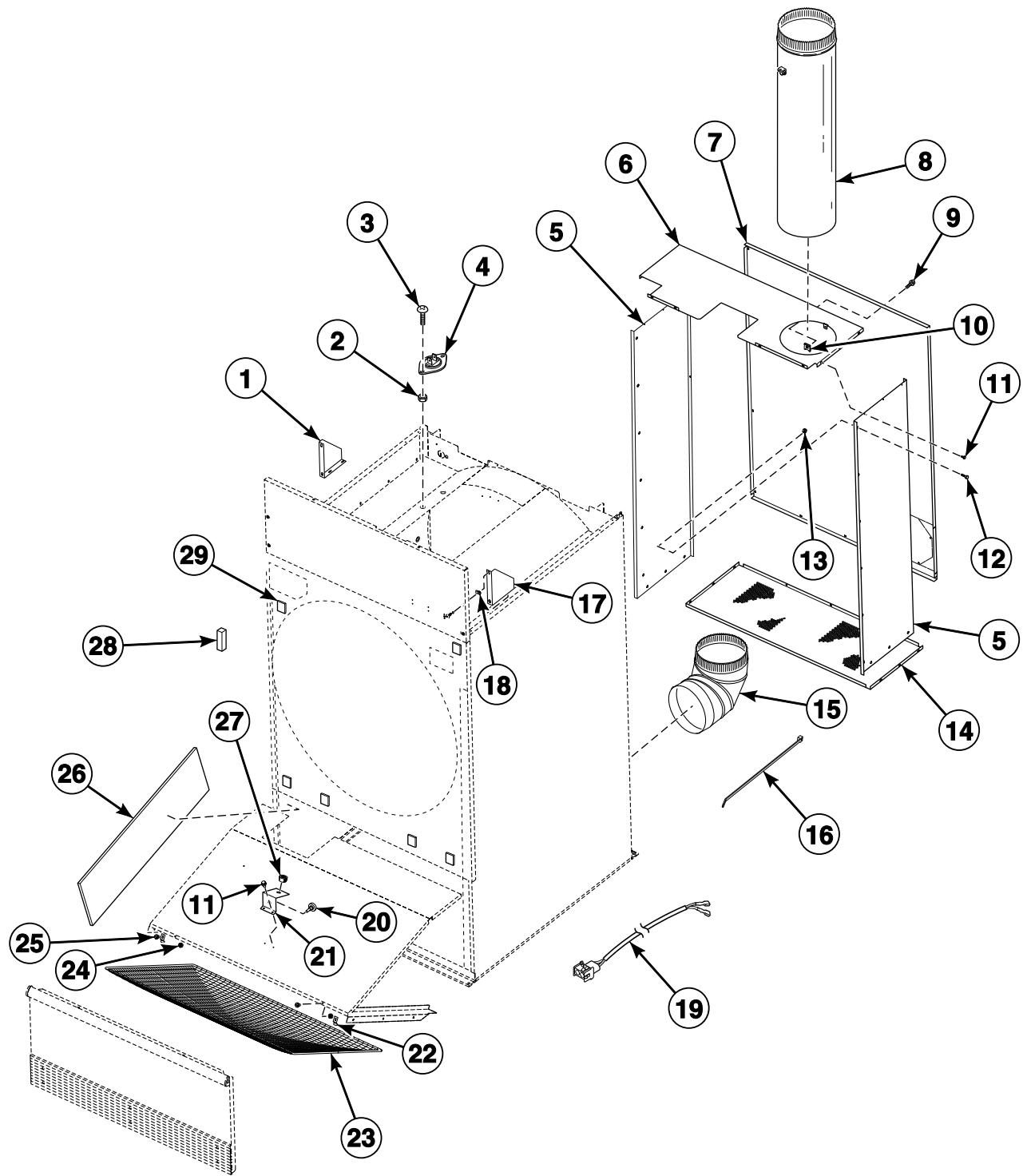


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## **Lint Panel Switch Assembly**

REF	PART NO.	DESCRIPTION	COMMENTS
1	44019701P	Lint Panel Switch Harness	
2	M411537	Bushing	
3	430725	Pop Rivet	2 required
4	430497	Screw	2 required
5	44026801	Lint Panel Switch Cover	
6	70413301	Pushbutton Switch	
7	44013401	Lint Panel Switch Bracket	

## Lint Screen and Drive Guard - 120 Pound Models



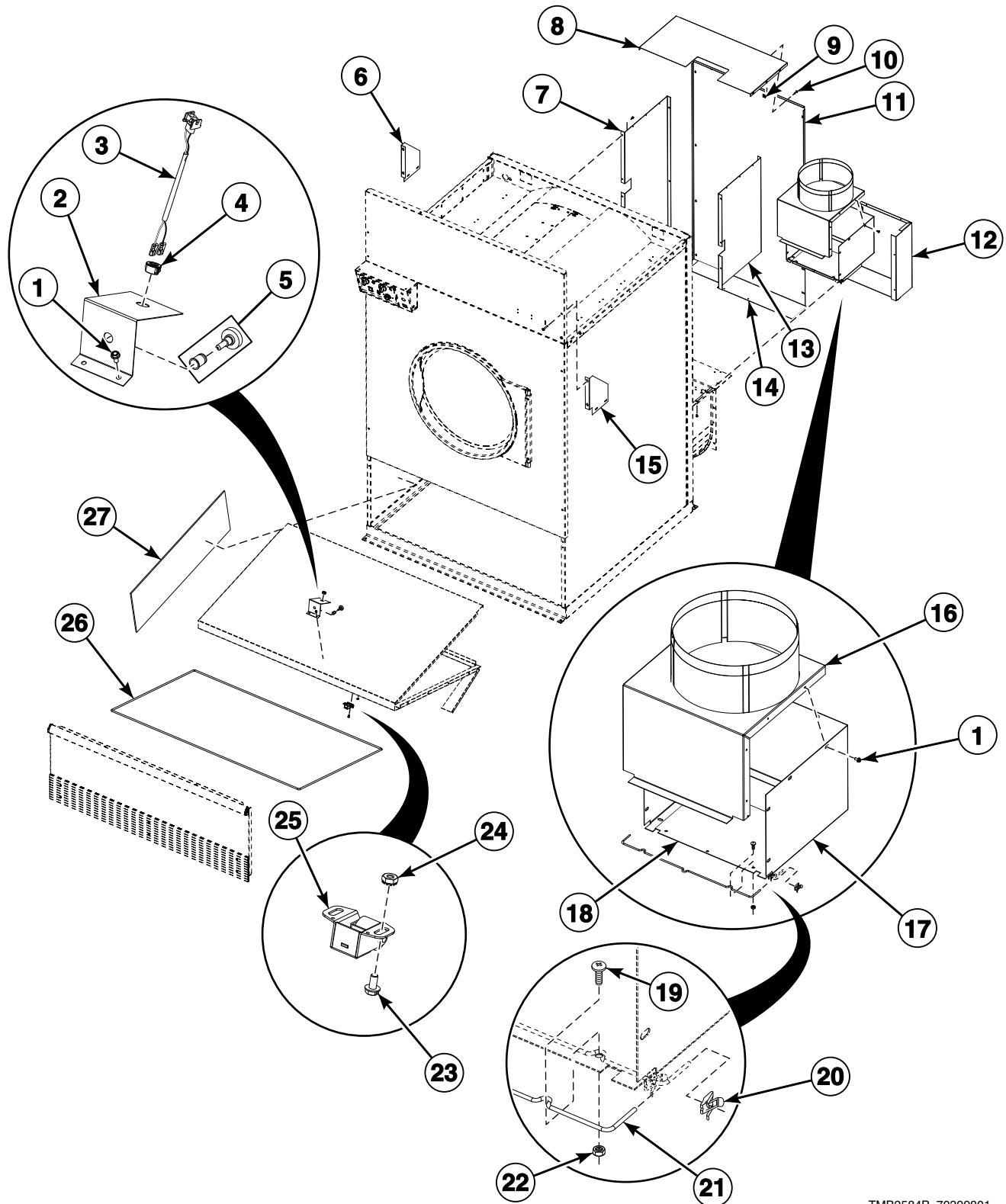
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## Lint Screen and Drive Guard - 120 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	44028202*	Top Access Panel Gusset	Left
2	23951	Nut	
3	430497	Screw	
4	44064701	Thermistor	2 required; For fire suppression system
5	M414491P	Belt Guard	Side; 2 required; Use 70015709 Gasket on edges
6	M411222	Belt Guard	Top
7	M414492P	Belt Guard	Cover
8	M411185	Vent Pipe	Gas models
	M411187	Vent Pipe	Steam models
9	M411072	Screw	
10	M400984	Clip	
11	430497	Screw	
12	M400043	Screw	
13	20274	Nut	
14	M411223P	Belt Guard	Bottom
15	H87494019	Vent Elbow	
16	M405829	Cable Tie	Required for thermistor harness
17	44028201*	Top Access Panel Gusset	Right
18	70030401	Nut	For access panel and front panel attachment
19	44319902P	Sensor Cable Harness	
20	M414704	Thermistor	
	B12308601	Temperature Sensor Assembly	PRO HC control replacement; Refer to Parts Information Insert 8-18-251 for list of machine serial numbers
21	44051301	Thermistor Bracket Assembly	Includes bracket and thermistor nut
22	H96418413	Lint Screen Clip	
23	44063602	Lint Screen	Includes frame
	44077702P	Lint Screen	Includes snaps; Frame not included
24	70054	Nut	
25	61199	Screw	
26	M411593	Insulation	
27	M411537	Bushing	2 required for thermistor harness and cabinet rear
28	70017301	Front Panel Baffle Seal	2 required; Use under lint rails
29	M402144	Felt Pad	6 required; Behind front panel

\* Add Letter To Designate Color. L - Almond Q - Bisque W - White

## Lint Screen and Drive Guard - 170 Pound Models



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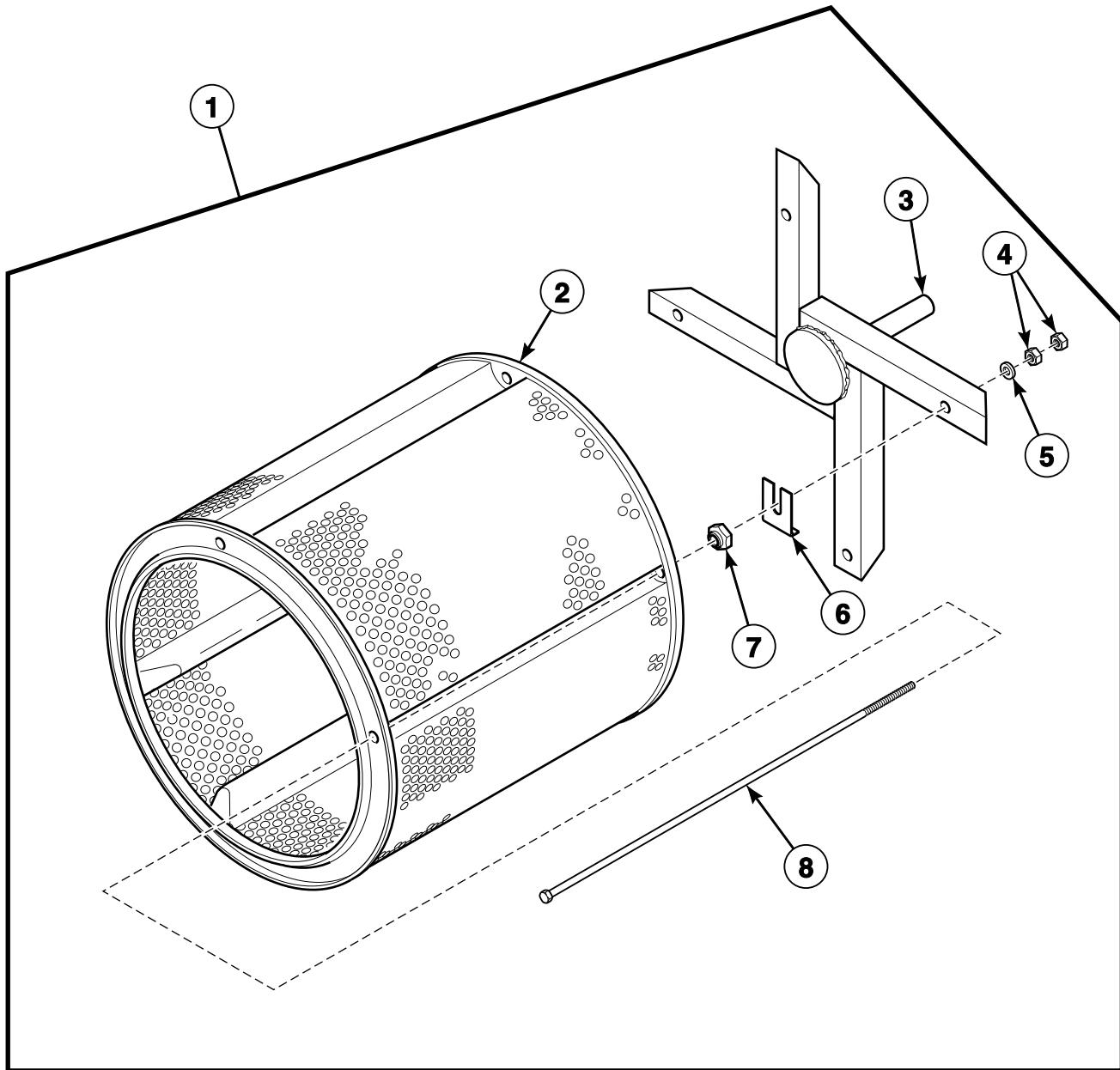
# Lint Screen and Drive Guard - 170 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	430497	Screw	
2	44051301	Thermistor Bracket Assembly	Includes bracket and thermistor nut
3	44319902P	Sensor Cable Harness	
4	M411537	Bushing	2 required for thermistor harness and cabinet rear
5	M414704	Thermistor	
	B12308601	Temperature Sensor Assembly	PRO HC control replacement; Refer to Parts Information Insert 8-18-251 for list of machine serial numbers
6	44028302*	Top Access Panel Gusset	Left
7	N/A	Belt Guard Side	Left; Use 70015709 Gasket on edges
8	N/A	Belt Guard Top	
9	M400984	Clip	12 required
10	M411072	Screw	12 required
11	M414284	Belt Guard Cover	
12	N/A	Belt Guard Corner	
13	N/A	Belt Guard Side	Right
14	N/A	Belt Guard Bottom	Attach with 2 of item 1
15	44028301*	Top Access Panel Gusset	Right
16	N/A	Box and Thimble Assembly	
17	N/A	Exhaust Duct Box Wrap	
18	M413402	Damper Vane	
19	M400044	Screw	3 required
20	M400976	Clip	
21	M413401	Damper Rod	
22	23951	Nut	3 required
23	61199	Screw	
24	70054	Nut	
25	H87020202	Roller Catch	Includes strike
26	44063603P	Lint Screen	Includes frame
	44077703P	Lint Screen	Includes snaps; Frame not included
27	M411593	Insulation	

\* Add Letter To Designate Color. L - Almond W - White

N/A = Part no longer available

## Cylinder and Trunnion Assembly

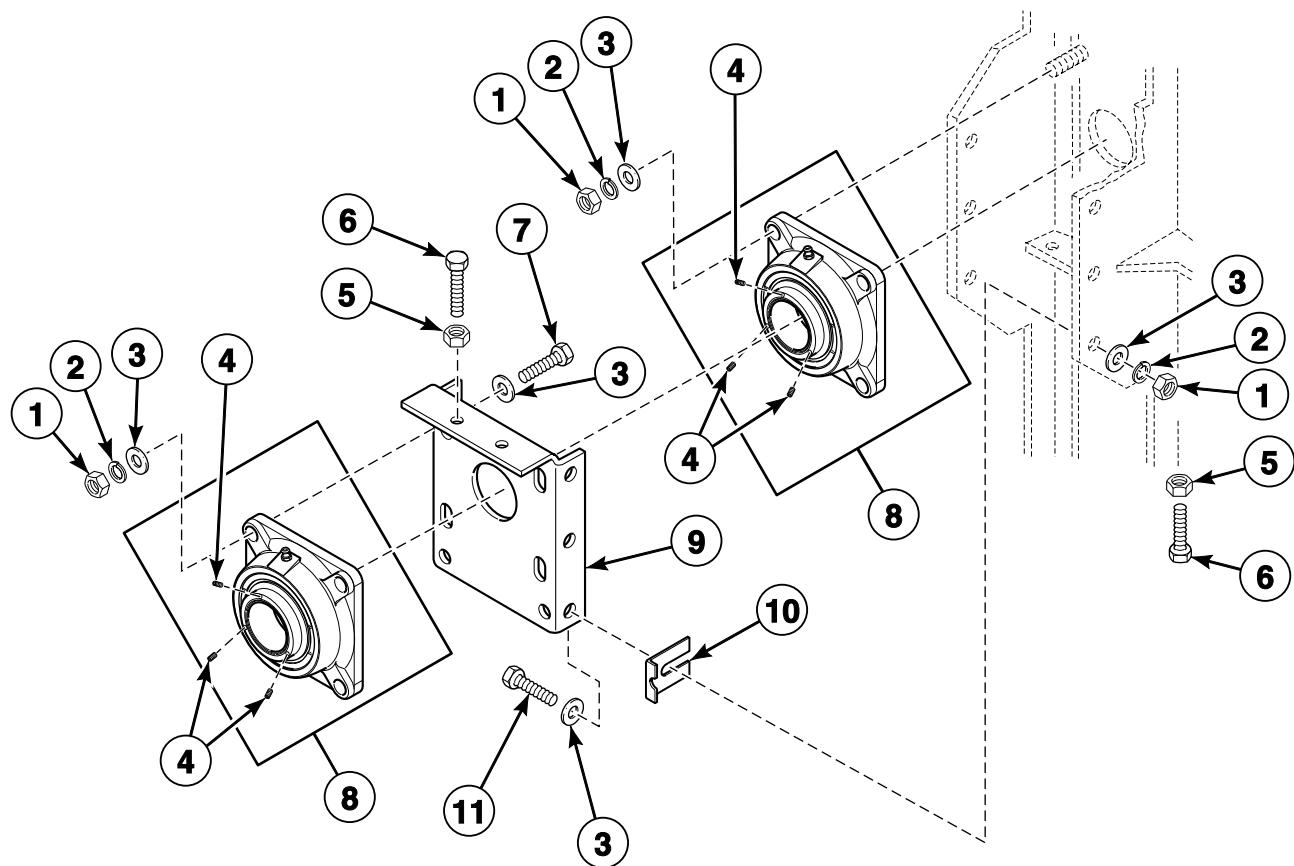


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## Cylinder and Trunnion Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	44054801	Cylinder and Trunnion Assembly	120 pound models; Galvanized
	44054802	Cylinder and Trunnion Assembly	120 pound models; Stainless steel
	44054701	Cylinder and Trunnion Assembly	170 pound models; Galvanized
	44054702	Cylinder and Trunnion Assembly	170 pound models; Stainless steel
2	H96427513	Cylinder Assembly	120 pound models; Galvanized; Includes rib rods and rib rod nuts
	M409788	Cylinder Assembly	120 pound models; Stainless steel; Includes rib rods and rib rod nuts
	H96367545	Cylinder Assembly	170 pound models; Galvanized; Includes rib rods and rib rod nuts
	M409826	Cylinder Assembly	170 pound models; Stainless steel; Includes rib rods and rib rod nuts
3	44055501	Trunnion Assembly	120 pound models
	44240801	Trunnion Assembly	170 pound models
4	H88412101	Nut	8 required
5	70261401	Washer	4 required
6	M401402	Spacer	As required
7	M412334	Nut	4 required
8	H8830143H	Bolt	4 required

# Trunnion Bearings



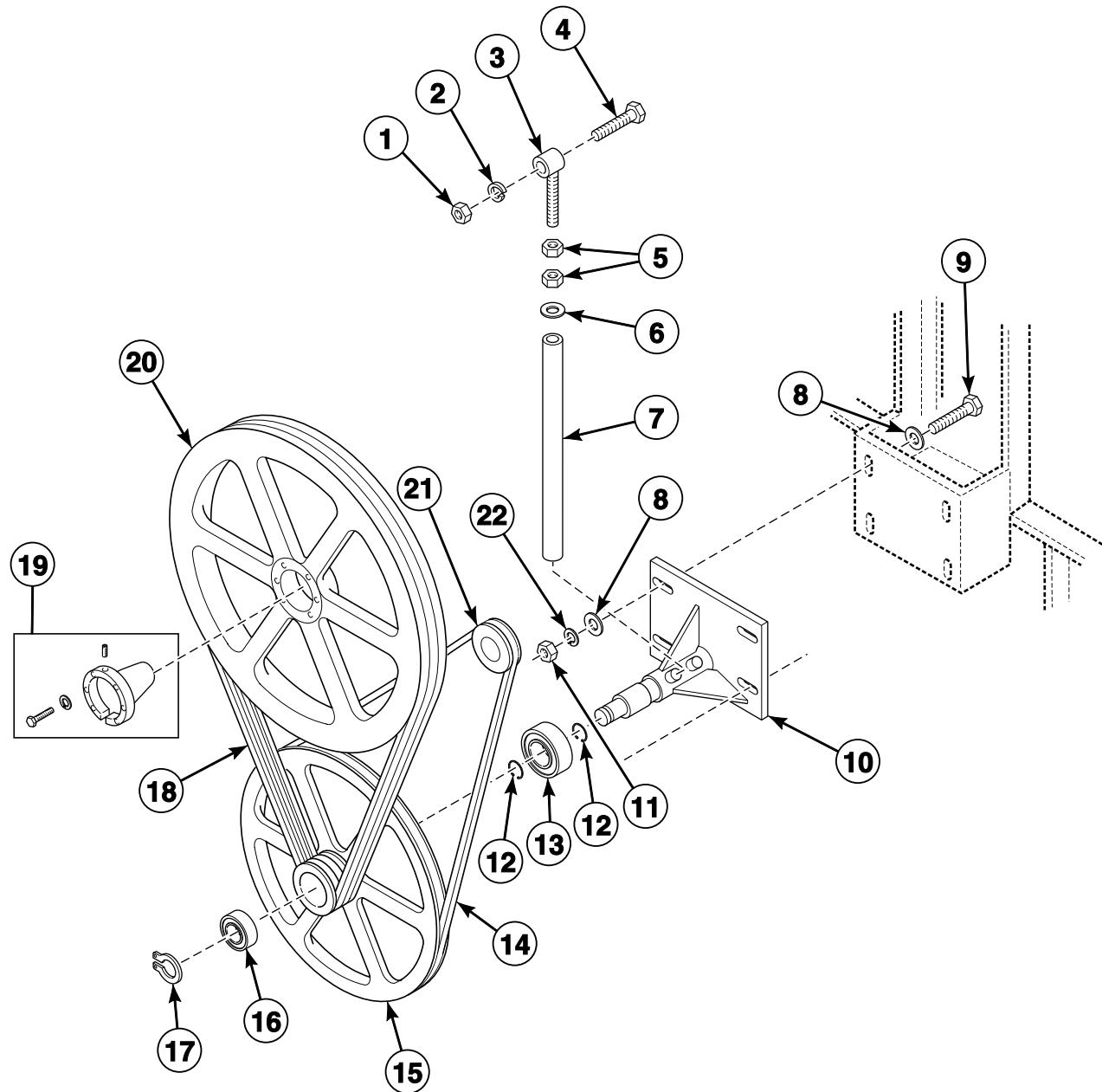
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## Trunnion Bearings

REF	PART NO.	DESCRIPTION	COMMENTS
1	H88412101	Nut	
2	M400015	Washer	
3	70261401	Washer	
4	N/A	Screw	3 per flange bearing
5	20274	Nut	
6	H88213996	Screw	
7	M411165	Screw	
8	44048301P	Flange Bearing	Includes screws
9	H96428008	Bearing Mounting	
10	M401402	Spacer	As required
11	H88012034	Screw	

N/A = Part no longer available

## Drive Sheave, Step Pulley and Belts



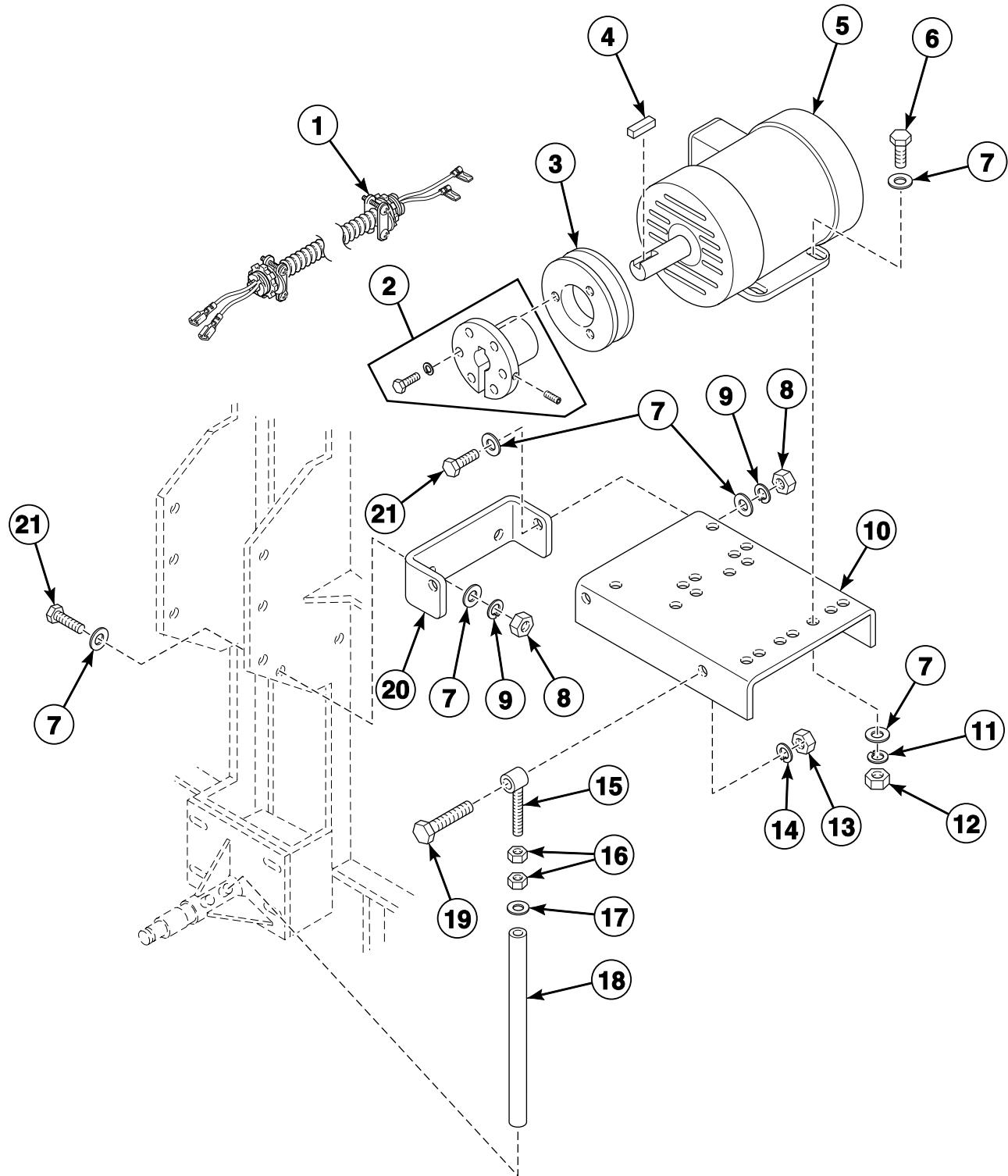
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## Drive Sheave, Step Pulley and Belts

REF	PART NO.	DESCRIPTION	COMMENTS
1	H88412093	Nut	Models through 9/7/08
	H88412101	Nut	Models starting 9/8/08
2	N/A	Washer	
3	44048501	Rod End	Eyebolt assembly
4	H88001565	Screw	Models through 9/7/08
	M400063	Screw	Models starting 9/8/08
5	H88412101	Nut	
6	70261401	Washer	
7	H96428487	Belt Adjustment Tube	
8	M400081	Washer	8 required
9	22688	Screw	4 required
10	H96357751	Jackshaft Assembly	
11	20274	Nut	4 required
12	H88603477	Retaining Ring	Step pulley bearings stops; 2 required
13	H87672374	Ball Bearing	Inner; Step pulley
14	H87533014	Belt	
15	M4696P3	Step Pulley and Bearing Kit	Includes H96428024 Step Pulley, M414321 Spacer, M4718P3 Step Pulley Outer Bearing Kit and items 12, 13 and 16
16	M414367	Ball Bearing	Outer
17	H88602263	Retaining Ring	Step pulley to jackshaft
18	H87533816P	Belt Set	Set of 3
19	H8752985HP	Bushing	Includes M400014 Washer, 44048902 Screw, 44079204 Screw and 44049001 Key
20	H8752251H	Sheave	
21	H87520334	Sheave	120 pound models; 50 Hertz; 3.35 inch OD
	H87520466	Sheave	120 pound models; 60 Hertz; 4.12 inch OD
	H8752026H	Sheave	170 pound models; 50 Hertz; 2.65 inch OD
	H87520334	Sheave	170 pound models; 60 Hertz; 3.35 inch OD
22	M400014	Washer	4 required

N/A = Part no longer available

# Cylinder Drive Motor



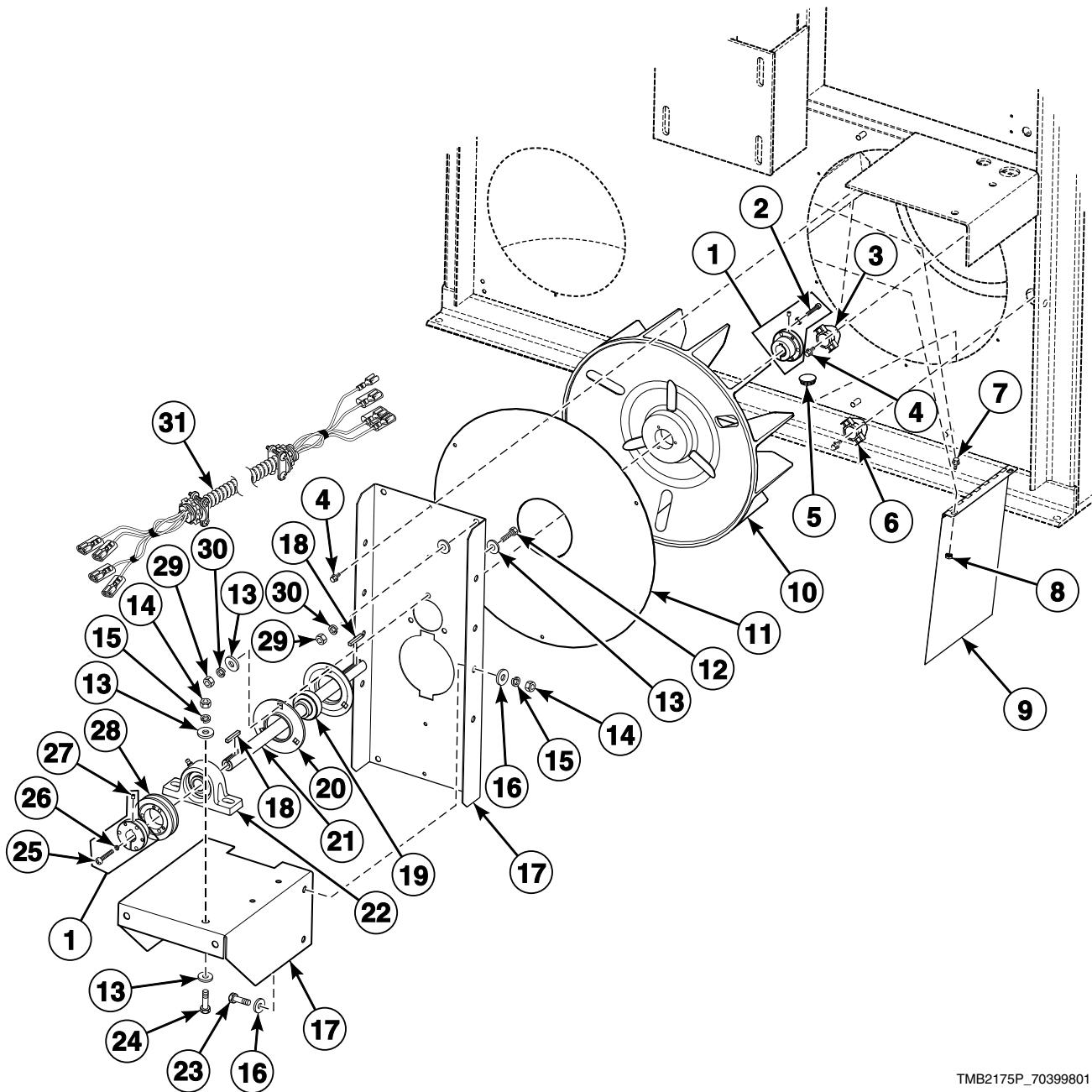
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# Cylinder Drive Motor

REF	PART NO.	DESCRIPTION	COMMENTS
1	N/A	Cylinder Motor Harness	Non-CE models; 3 Phase
	M413110	Cylinder Motor Harness Assembly	CE models; 3 Phase
2	H87529111P	Bushing	Includes 44079301 Screw, 44048901 Screw and 56552 Washer; Key not included
3	H87520466	Sheave	120 pound models; 60 Hertz; 4.12 inch OD
	H87520334	Sheave	120 pound models 50 Hertz; 170 pound models 60 Hertz; 3.35 inch OD
	H8752026H	Sheave	170 pound models; 50 Hertz; 2.65 inch OD
4	H8752006H	Key	
5	44052901P	Motor	208-460 Volt/60 Hertz/3 Phase; Includes key; No capacitor
	44053001P	Motor	200-415 Volt/50 Hertz/3 Phase; Includes key; No capacitor
6	M400056	Screw	
7	M400080	Washer	
8	20274	Nut	
9	M400014	Washer	
10	M413171	Motor Base	
11	M400013	Washer	
12	70142	Nut	
13	H88412093	Nut	Models through 9/7/08
	H88412101	Nut	Models starting 9/8/08
14	N/A	Washer	
15	44048501	Rod End	Eyebolt assembly
16	H88412101	Nut	
17	70261401	Washer	
18	N/A	Belt Adjustment Tube	
19	H88001565	Screw	Models through 9/7/08
	M400063	Screw	Models starting 9/8/08
20	H96428693	Base Bracket	
21	22688	Screw	

**N/A = Part no longer available**

## Fan Assembly - 120 Pound 50 Hertz Models



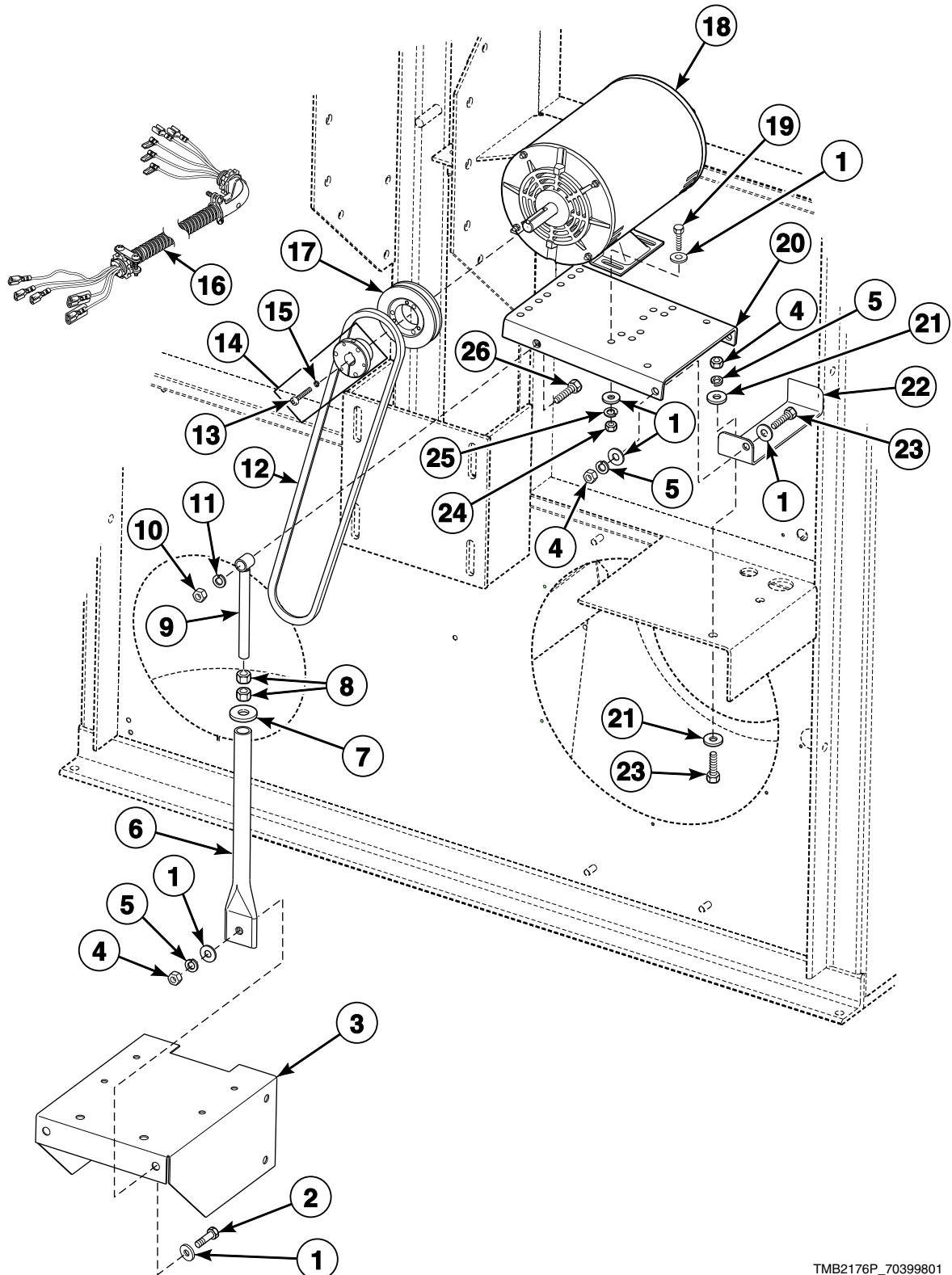
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## Fan Assembly - 120 Pound 50 Hertz Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	M412917P	Bushing	2 required; Includes screws and washers; Key not included
2	H8800901H	Screw	3 required
3	M411403	Limit Thermostat	Gas models
	M411946	Limit Thermostat	B Australian and CE gas models: CA, CU, GA, GU, HA, HU, KA, KU, LA, LU, PA, PU, SA, SU, UA, UU and XU gas models; Manual reset
4	430497	Screw	
5	M400985	Plug	
6	H8900530H	Thermostat	Load ready; Models with RT control suffix; Non-functional on models with RM and RQ control suffixes
7	61199	Screw	
8	70054	Nut	
9	M409967	Damper Assembly	
10	M414546	Fan and Bushing Assembly	Discard bushing on 50 Hertz models
11	H96358007	Blower Cover	
12	M400056	Screw	3 required
13	M400080	Washer	10 required
14	20274	Nut	6 required
15	M400014	Washer	4 required
16	M400081	Washer	8 required
17	H608P3	Blower Motor Base Kit	
18	H8752006H	Key	2 required
19	H8768212H	Ball Bearing Insert	
20	H8768302H	Bearing Mounting Flange	2 required
21	M412000	Blower Shaft	
22	44104801	Ball Bearing	
23	M400043	Screw	4 required
24	22688	Screw	2 required
25	44079301	Screw	3 required
26	56552	Washer	6 required
27	44048901	Screw	
28	H87520284	Sheave	2.8 inch OD
29	70142	Nut	3 required
30	M400013	Washer	3 required
31	44022701	Cabinet Limit Harness	Non-CE gas models
	M414261	Cabinet Limit Harness Assembly	CU, GU, HU, KU, LU, PU, SU, UU, XU and YU models; RM and RQ control suffixes
N/A		Limit Harness	HU, PU, SU, UU and XU models; RT control suffix
	44108101P	Cabinet Limit Harness	CA, CT, GA, GT, HA, HT, I, KA, KT, LA, LT, PA, PT, SA, ST, UA, UT, W, XT and YT models; RM and RQ control suffixes; Models starting 7/24/06

**N/A = Part no longer available**

## Fan Motor Assembly - 120 Pound 50 Hertz Models



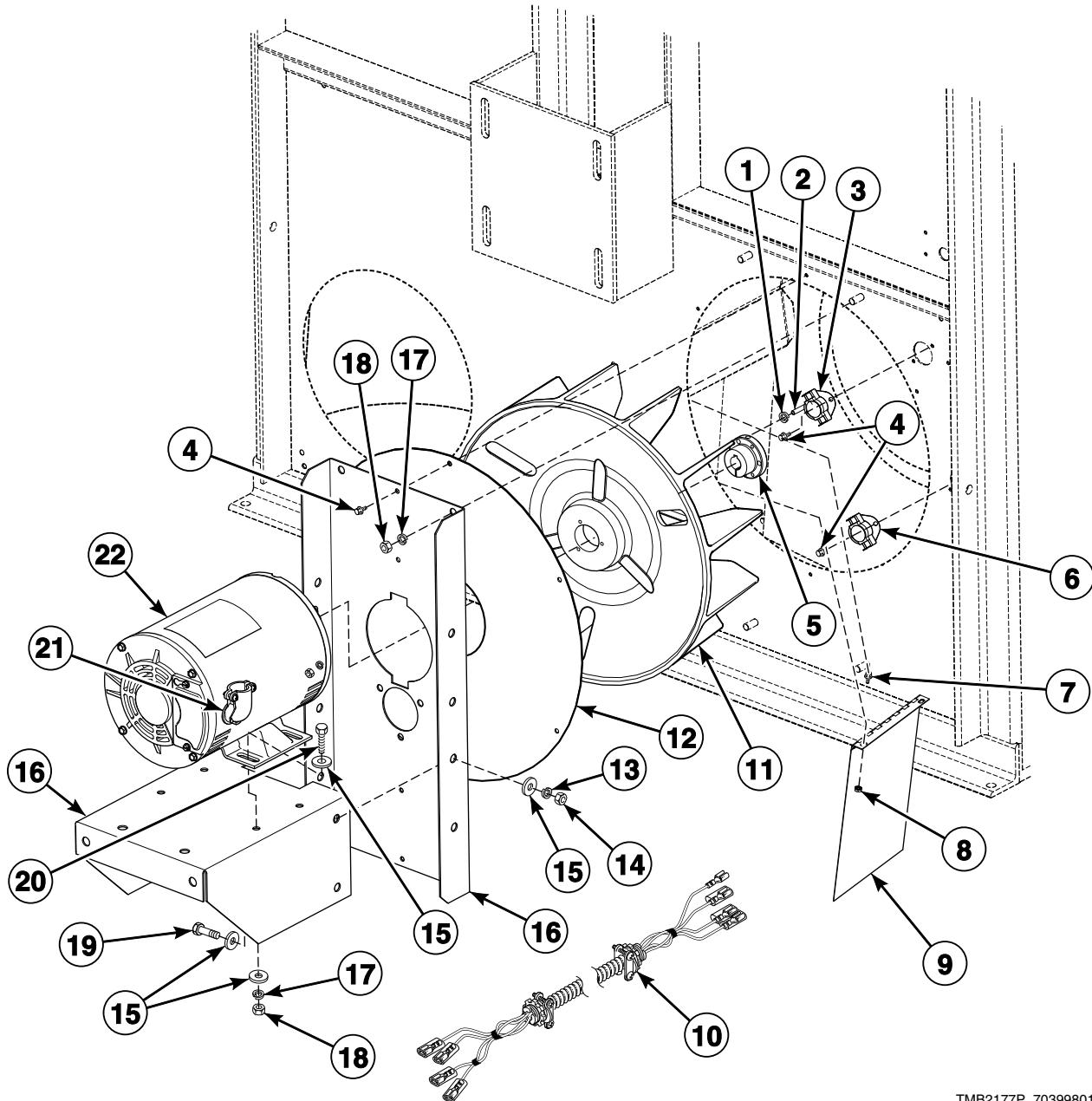
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## Fan Motor Assembly - 120 Pound 50 Hertz Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	M400080	Washer	
2	M400043	Screw	
3	H608P3	Blower Motor Base Kit	Bracket
4	20274	Nut	
5	M400014	Washer	
6	H96428628	Motor Adjustment Tube	
7	70261401	Washer	
8	H88412101	Nut	
9	44048501	Rod End	Eyebolt assembly; Belt adjuster
10	H88412093	Nut	
11	N/A	Washer	
12	H8753170H	Belt	
13	44079301	Screw	3 required
14	H87529111P	Bushing	Includes screws and washers; Key not included
15	56552	Washer	3 required
16	44022401	Fan Motor Harness	Non-CE models
	M413111	Fan Motor Harness Assembly	CE models
17	H87520334	Sheave	3.35 inch OD
18	44046401P	Fan Motor	200, 240, 380 and 415 Volt; No capacitor
19	M400056	Screw	
20	M413171	Motor Base	
21	M400081	Washer	
22	H96428693	Base Bracket	
23	22688	Screw	
24	70142	Nut	
25	M400013	Washer	
26	H88001565	Screw	

N/A = Part no longer available

## Fan and Fan Motor Assembly - 120 Pound 60 Hertz Models

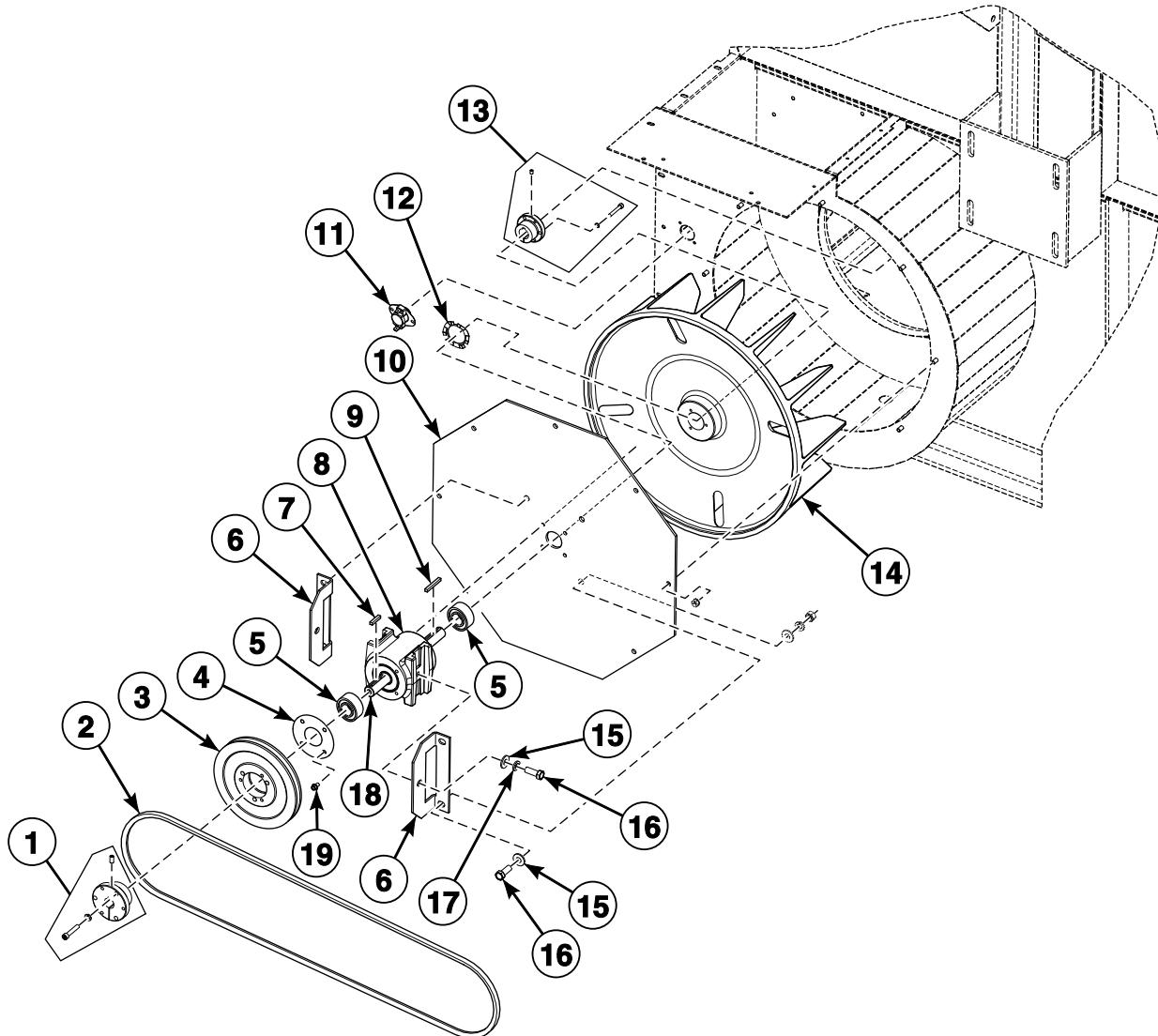


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## Fan and Fan Motor Assembly - 120 Pound 60 Hertz Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	56552	Washer	
2	H8800901H	Screw	3 required; Fan bushing
3	M411403	Limit Thermostat	
4	430497	Screw	
5	H87529111P	Bushing	Includes screws and washers; Key not included
6	H8900530H	Thermostat	Load ready; Models with RT control suffix; Non-functional on models with RM and RQ control suffixes
7	61199	Screw	
8	70054	Nut	
9	M409967	Damper Assembly	
10	44022701	Cabinet Limit Harness	Gas models except L models through 7/26/06
	44108101P	Cabinet Limit Harness	Models starting 7/26/06
11	M414546	Fan and Bushing Assembly	Included with item 5 and hardware
12	H96358007	Blower Cover	
13	M400014	Washer	
14	20274	Nut	
15	M400080	Washer	
16	H608P3	Blower Motor Base Kit	
17	M400013	Washer	
18	70142	Nut	
19	M400043	Screw	4 required
20	M400056	Screw	4 required
21	M403862	Connector	
22	44046301P	Motor	200-208, 240, 460-480 Volt; No capacitor

## Fan Assembly - 170 Pound Models

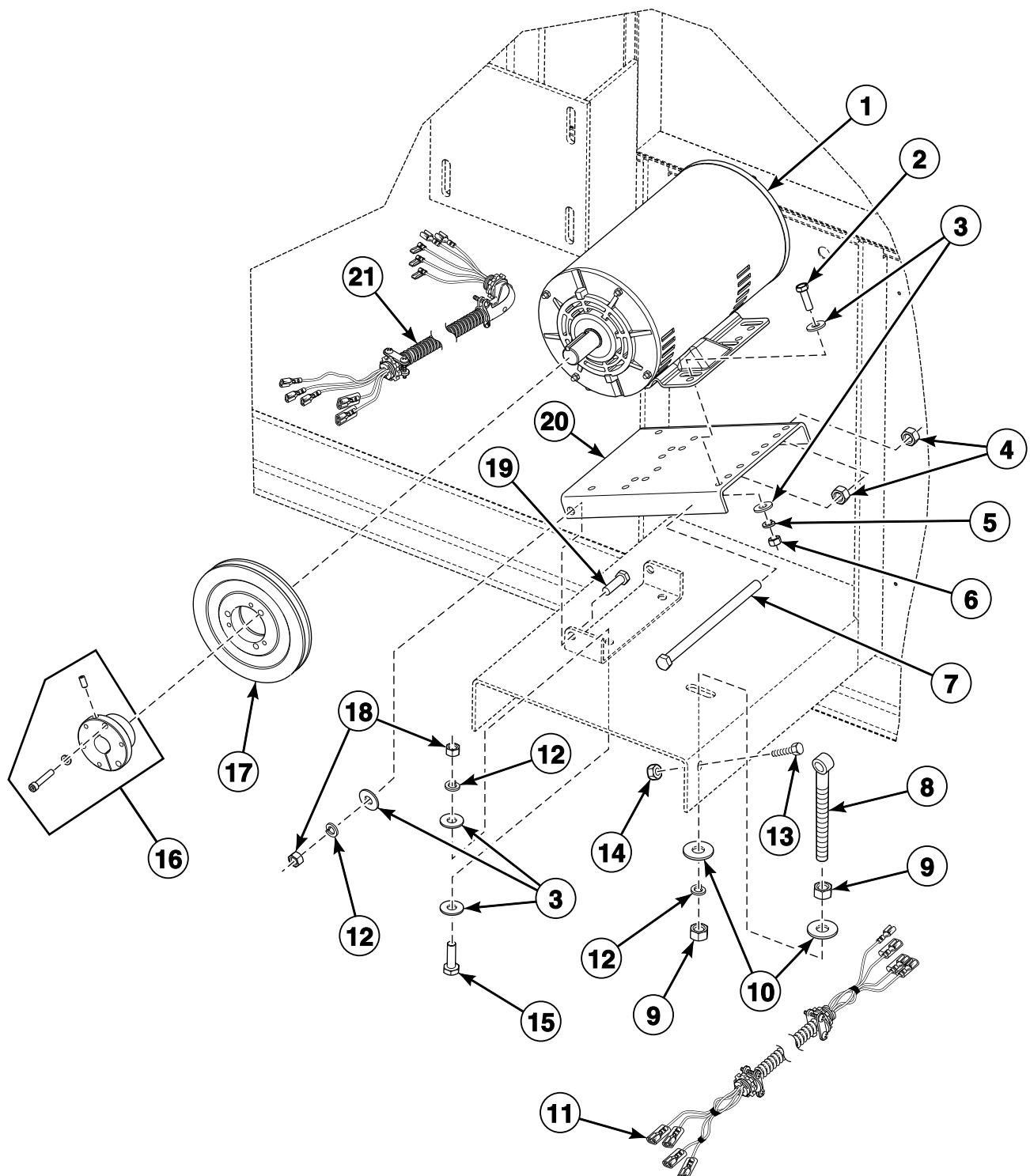


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## Fan Assembly - 170 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M412630	Idler Housing Assembly	Includes items 5, 8 and 18
	M4680P3	Fan Bearing Conversion Kit	
1	H8752922HP	Bushing	Includes 44079202 Screw, 03189 Washer and 44048902 Screw
2	H87532685	Belt	
3	H8752060H	Sheave	6 inch OD; 50 Hertz
	H8752065H	Sheave	6.5 inch OD; 60 Hertz
4	M401370	Bearing Retainer	
5	M401375P	Ball Bearing	2 required for item 8
6	M414235	Fan Bearing Bracket	2 required
7	M401327	Key	
8	M412612	Idler Housing	
9	M400993	Key	
10	M414237	Blower Cover	
11	M411403	Limit Thermostat	184 closed
	M411946	Limit Thermostat	184 closed; Manual reset; B Australian and CE models; CA, CU, GA, GU, HA, HU, KA, KU, LA, LU, PA, PU, SA, SU, UA, UU and XU models
	H8900530H	Thermostat	135 closed; Models with RT control suffix; Non-functional on models with RM and RQ control suffixes
12	M400401	Loading Spring	
13	M412917P	Bushing	Includes 44079301 Screw, 56552 Washer and 44048901 Screw
14	H96368469	Fan	
15	M400080	Washer	
16	M400043	Screw	6 required
17	M400014	Washer	
18	M414241	Idler Shaft	
19	70187202	Screw	8 required

## Fan Motor Assembly - 170 Pound Models



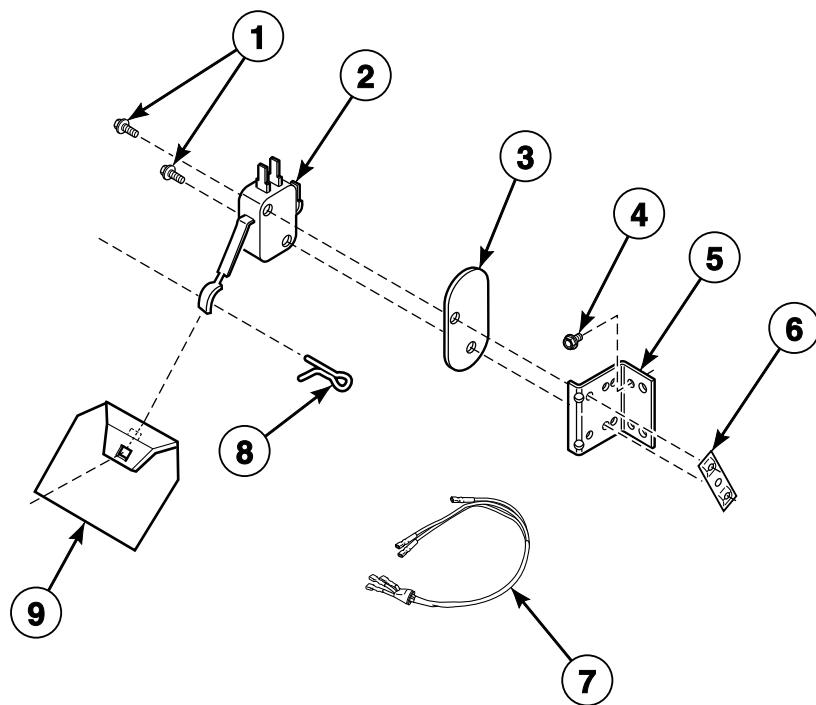
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## Fan Motor Assembly - 170 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	44313501P	Fan Motor	3 hp; 200-208, 240 Volt/60 Hertz/3 Phase; 460-480 Volt/60 Hertz/3 Phase; Key included; No capacitor
	44046601P	Motor	3 hp; 380, 400-415 Volt/50 Hertz/3 Phase; Key included; No capacitor
2	M400056	Screw	4 required
3	M400080	Washer	
4	H88412093	Nut	2 required; Models through 9/7/08
	H88412101	Nut	2 required; Models starting 9/8/08
5	M400013	Washer	4 required
6	70142	Nut	4 required
7	M413528	Screw	Models through 9/7/08
	44161501	Screw	Models starting 9/8/08
8	44048501	Rod End	
9	H88412101	Nut	2 required
10	70261401	Washer	2 required
11	44022701	Cabinet Limit Harness	Non-CE models
	M414261	Cabinet Limit Harness Assembly	CU, GU, HU, KU, LU, PU, SU, UU and XU models; RM and RQ control suffixes
	N/A	Limit Harness	HU, PU, SU, UU and XU models; RT control suffix
	44108101P	Cabinet Limit Harness	CA, CT, GA, GT, HA, HT, I, KA, KT, LA, LT, PA, PT, SA, ST, UA, UT, W, XT and YT models; RM and RQ control suffixes; Models starting 7/26/06
12	M400014	Washer	
13	H88010038	Screw	Belt motor to fan motor base
14	29786	Nut	Belt motor to fan motor base
15	22688	Screw	4 required
16	M412995P	Bushing	Includes 44079202 Screw, 03189 Washer and 44048902 Screw
17	H8752065H	Sheave	6.5 inch OD; 50 Hertz
	H8752060H	Sheave	6 inch OD; 60 Hertz
18	20274	Nut	4 required
19	H96428693	Base Bracket	
20	M413171	Motor Base	
21	N/A	Fan Motor Harness Assembly	BU, GU, HU, KU, LU, PU, SU, UU and XU models

N/A = Part no longer available

## Airflow Switch Assembly



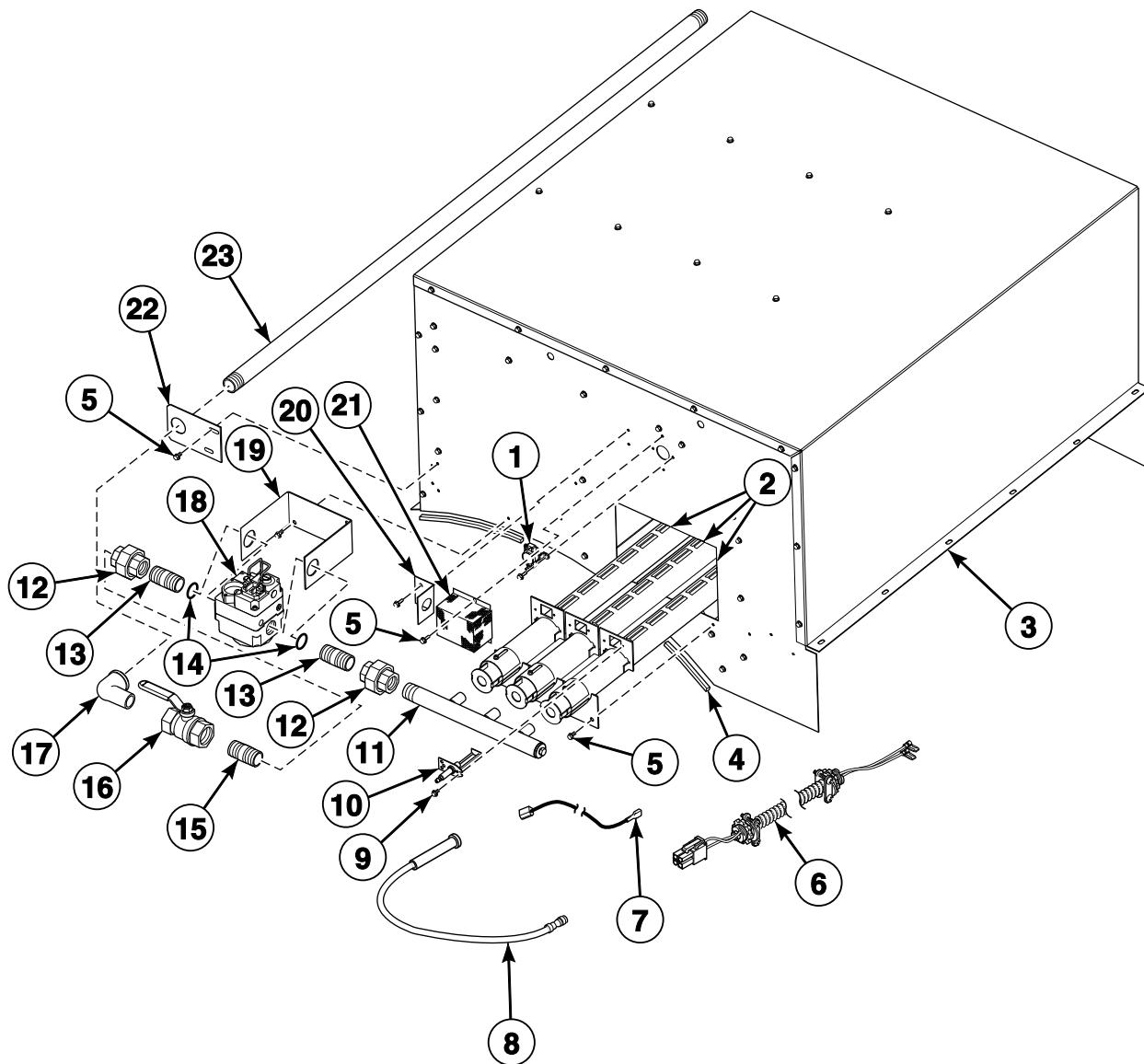
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## Airflow Switch Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	M401938	Screw	
2	44021701	Lever Arm Switch	
3	H96418728	Mounting Insulation	
4	430497	Screw	
5	430370	Airflow Switch Bracket	
6	M400979	Nut	
7	M413042P	Airflow Switch Harness Assembly	Non-CE models
	N/A	Airflow Switch Harness Assembly	CE models
8	02470	Cotter Pin	
9	70502301	Airflow Switch Vane	

N/A = Part no longer available

## Gas Heater Components - 120 Pound Models

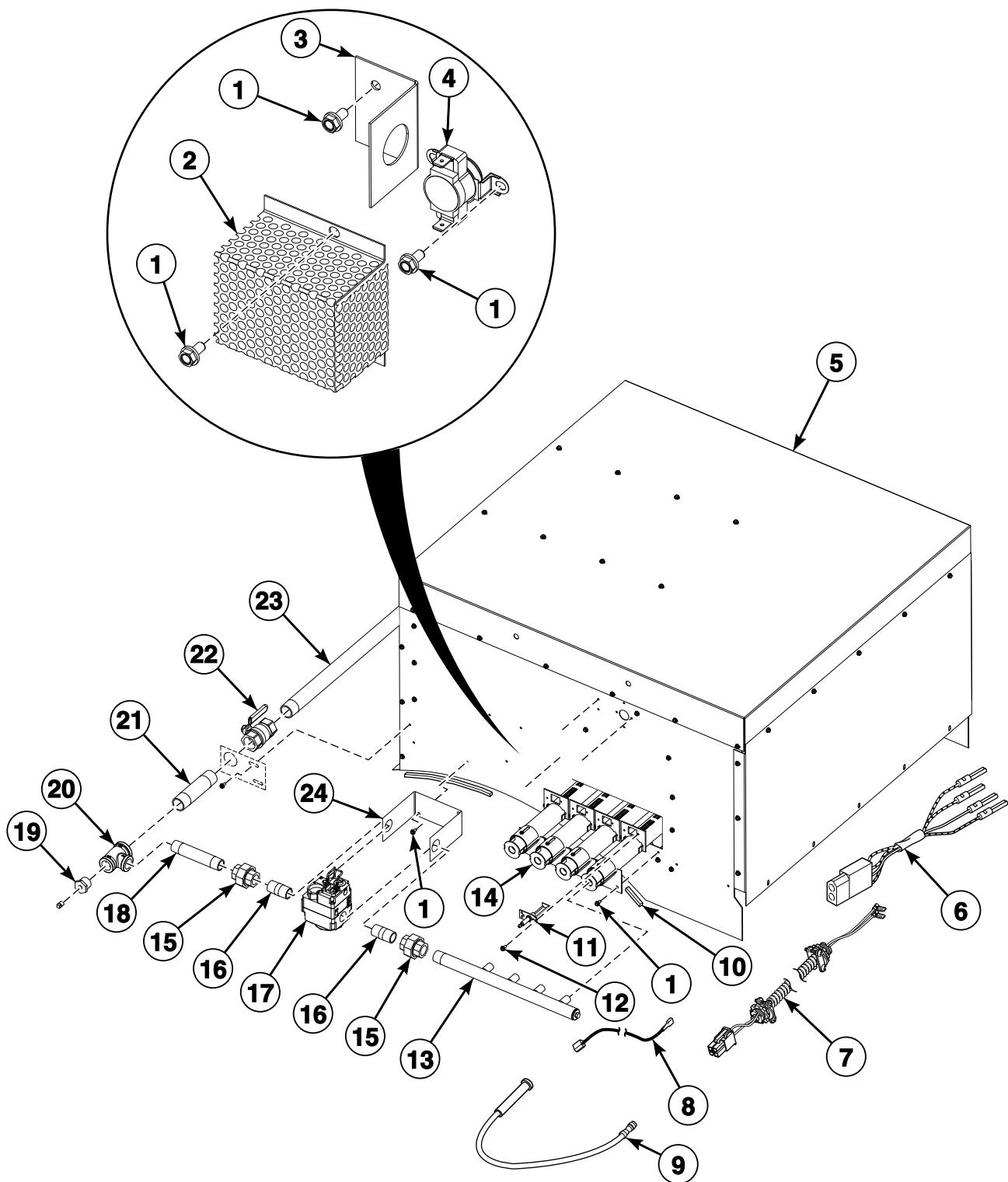


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## Gas Heater Components - 120 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M4577P3	Conversion Kit	Natural Gas (N.G.) to Liquid Petroleum Gas (L.P.); Non-CE models; 50 and 60 Hertz models through 10/9/08 and 60 Hertz models starting 10/10/08
	M4973P3	L.P. Gas Conversion Kit	N.G. to L.P.; Non-CE models; 50 Hertz models starting 10/10/08
	M411506	Stove Partition Gasket	Order 3 feet
1	M411404	Stove Limit Thermostat	Non-CE and non-Australian models
	M413988	Thermostat	Australian and CE models; Resetable
2	M412025P	Burner	Australian models order 2, in addition to 1 of M414243 Burner; All other models order 3
	M414243	Burner	Australian models order 1, in addition to 2 of M412025 Burner
3	M411097	Stove Assembly	Use M411492 Insulation inside top right
4	M411505	Stove Gasket	Order 3 feet
5	430497	Screw	18 required
6	M413104P	Stove Limit Harness Assembly	
7	M411061	ICM Return Lead	Australian models; Use with M410904P Instant Electronic Ignition Control
8	44061602P	High Temperature Ignition Lead	Non-Australian models; Use with 70367301P or 70367401P Ignition Control
	44061605P	High Temperature Ignition Lead	Australian models; Use with M410904P Instant Electronic Ignition Control
	44239703	High Voltage Suppression Cable	Use with 70458601P or 70483201P Ignition Control
9	51782	Screw	2 required
10	44328701P	Spark Electrode	Non-Australian models
	M410905P	Spark Igniter	Australian models
11	M411254	Spud Holder	
12	M411419	Pipe Union	2 required
13	M411417	Pipe Nipple	2 required
14	M412158	Gas Valve Flange Gasket	CE models; 50 Hertz
15	M411418	Pipe Nipple	
16	M413016	Ball Valve	
17	M411264	Street Elbow	
18	M4904P3	Valve Replacement Kit	N.G. and L.P.; 50 Hertz; CE models
	M413470P	Gas Valve	N.G.; 60 Hertz; Non-CE and non-Australian models
	M4883P3	Gas Valve Kit	L.P.; 60 Hertz; Non-CE and non-Australian models
	44166701	Gas Valve	N.G.; Non-CE models; 50 Hertz models starting 10/10/08
	44166702	Gas Valve	L.P.; Non-CE models; 50 Hertz models starting 10/10/08
	M4951P3	Gas Valve Kit	N.G. 50 Hertz models through 10/10/08
	M4952P3	Gas Valve Kit	L.P. 50 Hertz models through 10/10/08
	44042901P	Gas Valve Coil	Main coil for M413470P Gas Valve
19	M411259	Gas Valve Bracket	Non-CE models
	M413019	Gas Valve Bracket	CE models
20	431078	Stove Limit Harness Bracket	
21	M414477	Thermostat Cover	
22	M411498	Pipe Bracket	2 required
23	M411265	Gas Pipe	

## Gas Heater Components - Non-CE 170 Pound Models



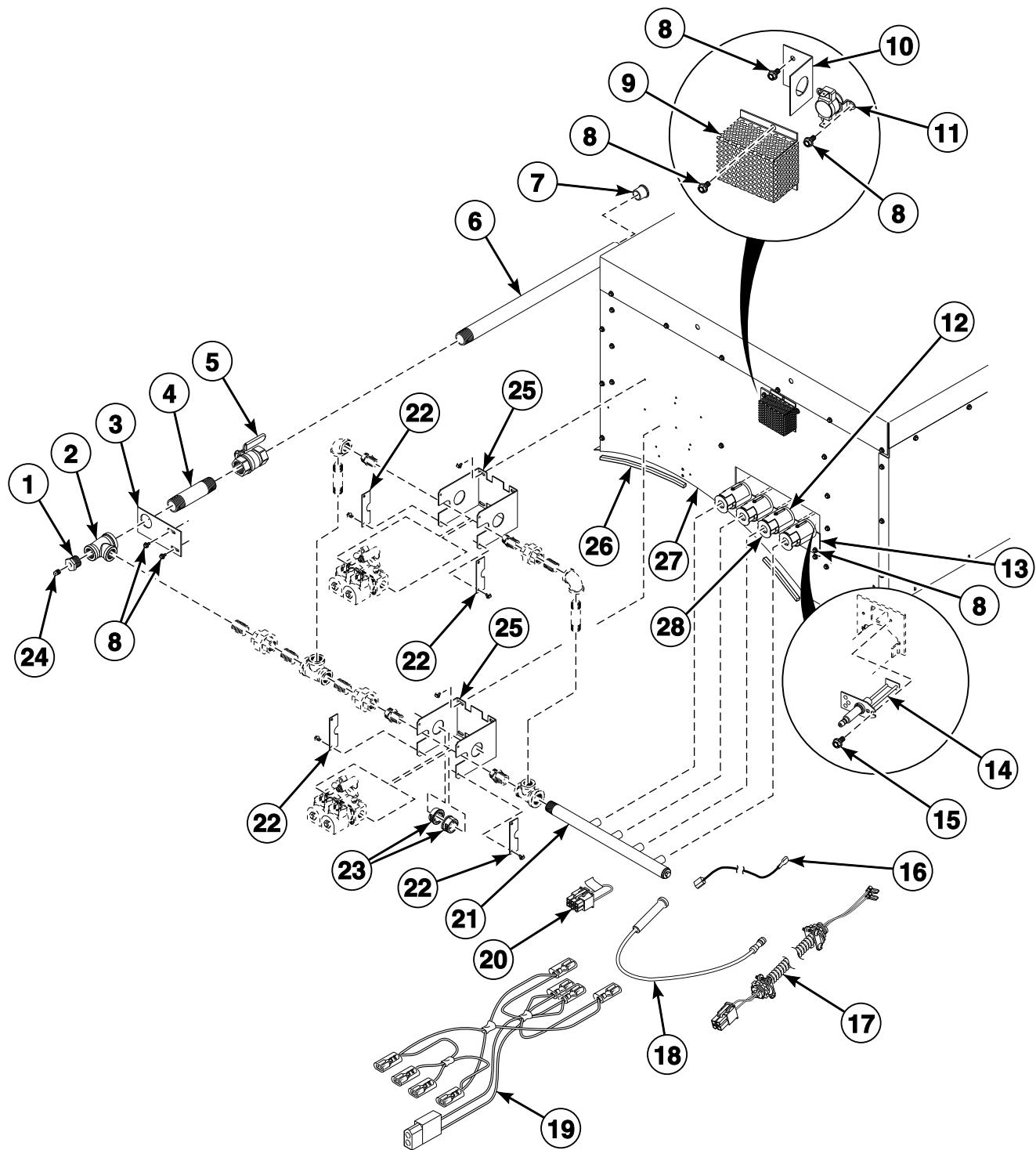
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## Gas Heater Components - Non-CE 170 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M4592P3	L.P. Conversion Kit	Natural Gas (N.G.) to Liquid Petroleum Gas (L.P.); 50 and 60 Hertz models through 10/9/08 and 60 Hertz models starting 10/10/08
	M4974P3	L.P. Gas Conversion Kit	N.G. to L.P.; 50 Hertz models starting 10/10/08
	M411506	Stove Partition Gasket	Order 3 feet
1	430497	Screw	20 required
2	M414477	Thermostat Cover	
3	431078	Stove Limit Harness Bracket	
4	M411404	Stove Limit Thermostat	220 closed; N.G.; Non-Australian models
	431177	Stove Limit Thermostat	340 closed; L.P.; Non-Australian models
	M413988	Thermostat	220 closed; Manual reset; N.G.; Australian models
	M413989	Manual Reset Thermostat	340 closed; L.P.; Australian models
5	M412016P	Stove Assembly	Sheet metal only
6	44166901	Gas Valve Harness	
7	M413041	Stove Limit Harness Assembly	
8	M411061	ICM Return Lead	Australian models
9	44061602P	High Temperature Ignition Lead	Non-Australian models
	44061605P	High Temperature Ignition Lead	Australian models
10	M411505	Stove Gasket	
11	44328701P	Spark Electrode	
12	51782	Screw	2 required
13	M411736	Spud Holder	
14	M412025P	Burner	4 required
15	M411419	Pipe Union	
16	M411417	Pipe Nipple	
17	M413470P	Gas Valve	N.G.; 60 Hertz; Non-Australian models
	M4883P3	Gas Valve Kit	L.P.; 60 Hertz; Non-Australian models
	44166701	Gas Valve	N.G. 50 Hertz models starting 10/10/08
	44166702	Gas Valve	L.P. 50 Hertz models starting 10/10/08
	M4951P3	Gas Valve Kit	N.G. 50 Hertz models through 10/10/08
	M4952P3	Gas Valve Kit	L.P. 50 Hertz models through 10/10/08
18	H85101673	Nipple	
19	M413021	Bushing	
20	N/A	Reducing Tee	
21	M413023	Pipe Nipple	Gas inlet
22	M413017	Ball Valve	
23	N/A	Gas Inlet Pipe	
24	M411259	Gas Valve Bracket	

N/A = Part no longer available

# Gas Heater Components - CE 170 Pound Models (Drawing 1 of 2)



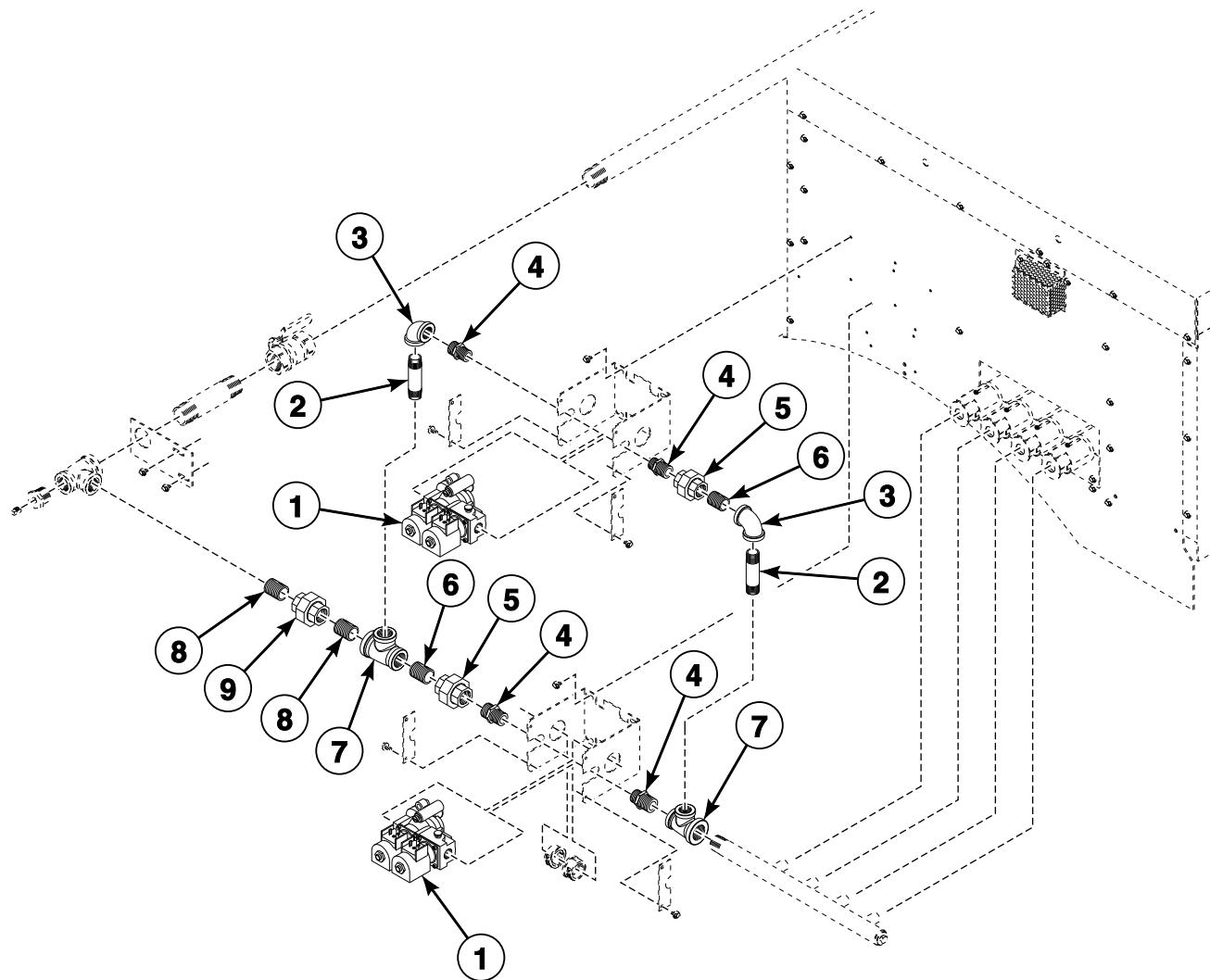
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## Gas Heater Components - CE 170 Pound Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	M414296	Heater Assembly	Natural Gas (N.G.); Includes items 1-28
	M414297	Heater Assembly	Liquid Petroleum Gas (L.P.); Includes items 1-28
1	M413021	Bushing	
2	N/A	Reducing Tee	
3	M412954	Pipe Bracket	2 required
4	M413023	Pipe Nipple	
5	M413017	Ball Valve	
6	N/A	Gas Inlet Pipe	
7	44087801	Pipe Cap	
8	430497	Screw	34 required
9	M414477	Thermostat Cover	
10	431078	Stove Limit Harness Bracket	
11	M413989	Manual Reset Thermostat	
12	N/A	Burner Shutter	3 required
13	M413099	Burner Opening Cover	
14	44328701P	Spark Electrode	
15	51782	Screw	2 required
16	M411061	ICM Return Lead	
17	M413041	Stove Limit Harness Assembly	
18	44061602P	High Temperature Ignition Lead	
19	44117801	Gas Valve Harness	
20	44115301	Stove Limit Bypass Jumper	
21	M411736	Spud Holder	
22	44117901	Pipe Keeper Bracket	4 required
23	M402542	Snap Bushing	2 required
24	N/A	Pipe Plug	
25	44117501	Gas Valve Bracket	2 required
26	M411505	Stove Gasket	2.66 feet required
	M411506	Stove Partition Gasket	
27	M412016P	Stove Assembly	
28	M412025P	Burner	3 required

N/A = Part no longer available

## Gas Heater Components - CE 170 Pound Models (Drawing 2 of 2)



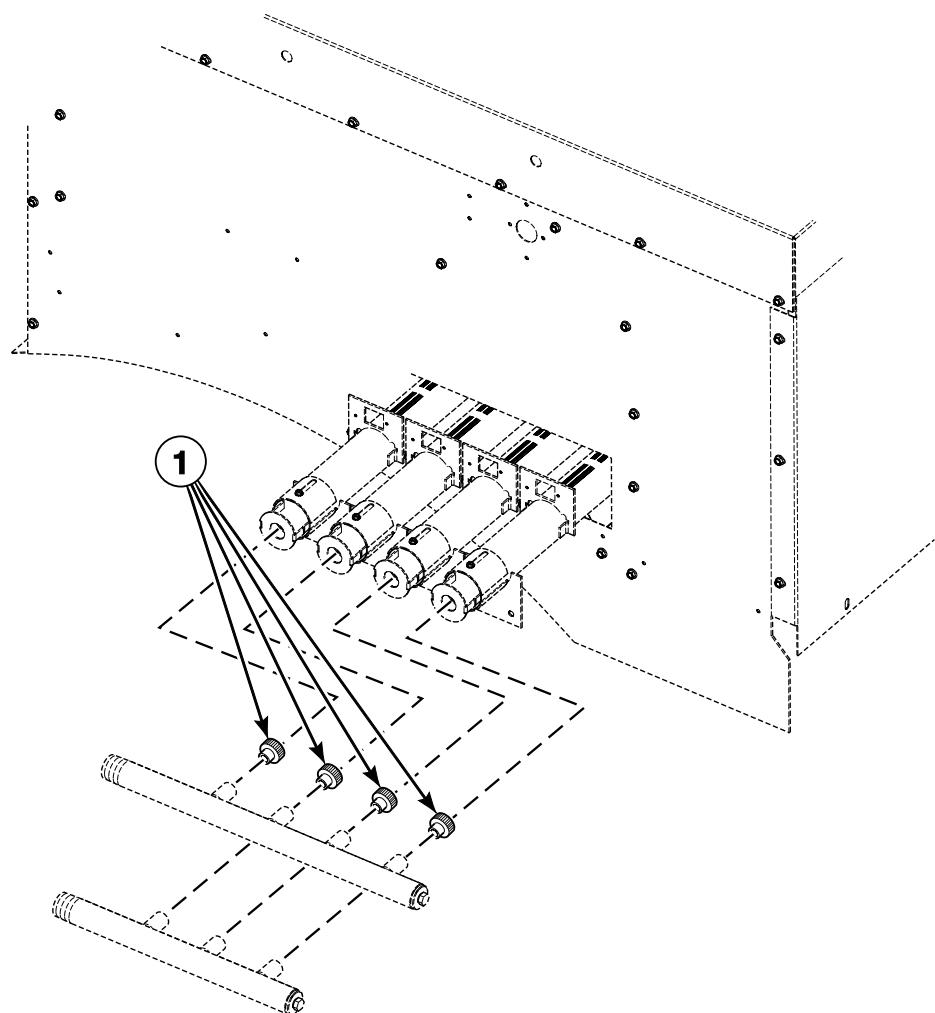
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## Gas Heater Components - CE 170 Pound Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	M4900P3	N.G. Kit	Use to repair gas valve
	M4901P3	L.P. Kit	Use to repair gas valve
	60517	Valve Converted Label	Goes on gas valve after valve has been converted from one type of gas to another
1	M413332P	Gas Valve	Natural Gas (N.G.); 2 required
	M4909P3	Valve Replacement Kit	Liquid Petroleum Gas (L.P.); 2 required
2	901403	Pipe Nipple	2 required
3	70079601	Elbow	2 required
4	70131901	Adapter	4 required
5	H86000031	Union	2 required
6	431486	Pipe Nipple	2 required
7	44117401	Reducing Tee	2 required
8	N/A	Nipple	2 required
9	M411419	Pipe Union	2 required

N/A = Part no longer available

## Burner Orifices

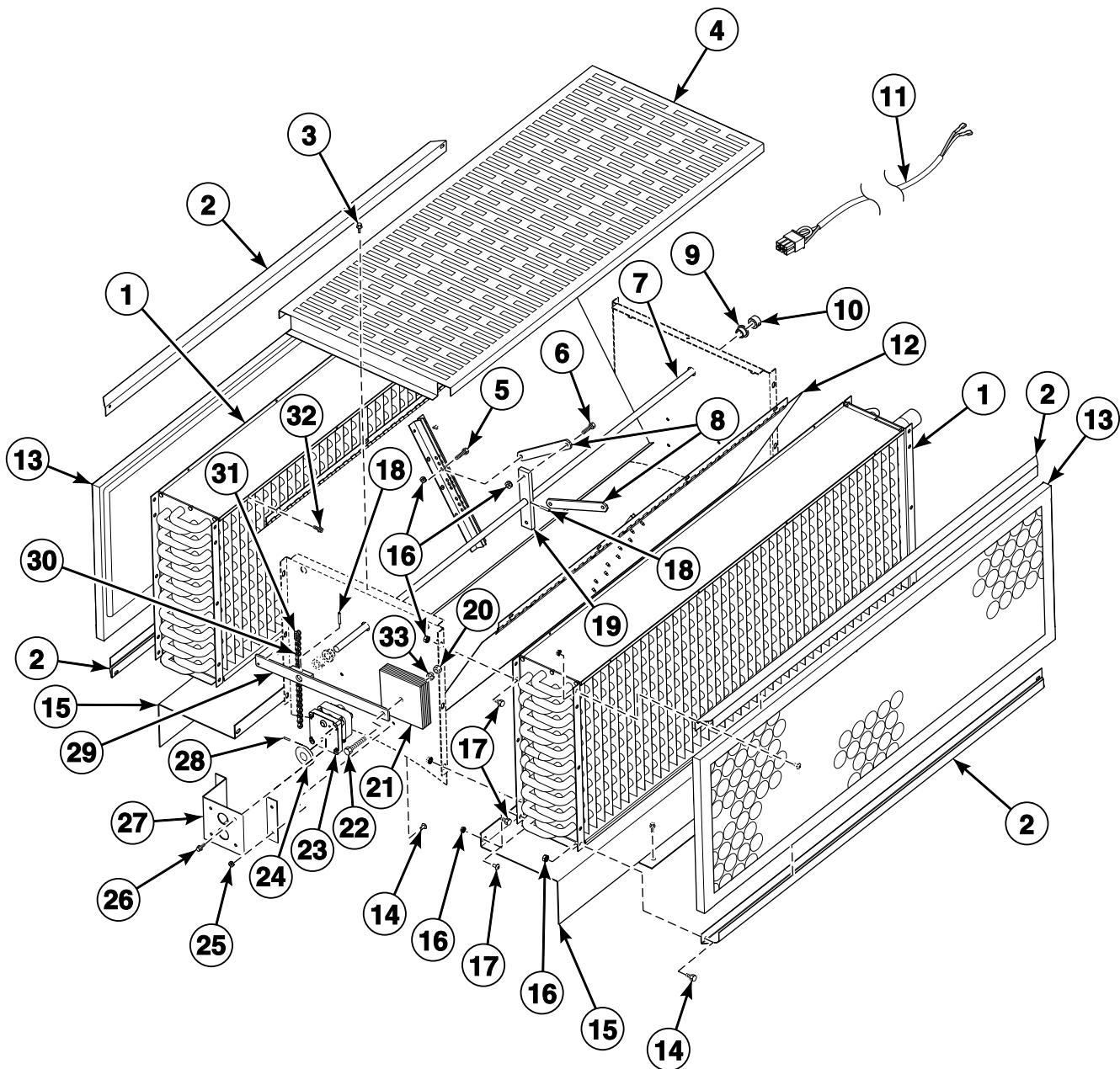


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## Burner Orifices

REF	PART NO.	DESCRIPTION	COMMENTS
1	M411372	Burner Orifice	Natural Gas (N.G.); 0-2,000 feet; Drill no. 12 (4.8 mm); 3 required for 120 pound models; 4 required for 170 pound models
	M411371	Burner Orifice	N.G.; 2,001-4,000 feet; Drill no. 14 (4.6 mm); 3 required for 120 pound models; 4 required for 170 pound models
	M411373	Burner Orifice	N.G.; 4,001-6,000 feet; Drill no. 16 (4.5 mm); 3 required for 120 pound models; 4 required for 170 pound models
	M411374	Burner Orifice	N.G.; 6,001-8,000 feet; Drill no. 17 (4.4 mm); 3 required for 120 pound models; 4 required for 170 pound models
	M402995	Burner Orifice	N.G.; 8,001-10,000 feet; Drill no. 19 (4.2 mm); 3 required for 120 pound models; 4 required for 170 pound models
	M401022	Burner Orifice	Liquid Petroleum Gas (L.P.); 0-2,000 feet; Drill no. 33 (2.9 mm); 120 pound models; 3 required
	M402487	Burner Orifice	L.P.; 2,001-4,000 feet; Drill no. 35 (2.8 mm); 120 pound models; 3 required
	M411375	Burner Orifice	L.P.; 4,001-6,000 feet; Drill no. 36 (2.7 mm); 120 pound models; 3 required
	M411376	Burner Orifice	L.P.; 6,001-8,000 feet; Drill no. 38 (2.6 mm); 120 pound models; 3 required
	M406361	Burner Orifice	L.P.; 8,001-10,000 feet; Drill no. 40 (2.5 mm); 120 pound models; 3 required
	M400997	Burner Orifice	L.P.; 0-2,000 feet; Drill no. 29 (3.4 mm); 170 pound models; 4 required
	M401021	Burner Orifice	L.P.; 2,001-6,000 feet; Drill no. 30 (3.3 mm); 170 pound models; 4 required
	M401017	Burner Orifice	L.P.; 6,001-10,000 feet; Drill no. 31 (3.0 mm); 170 pound models; 4 required

# Steam Heater Components - 120 Pound Models Through Serial No. 0412012320 Except B, C, I and L Models



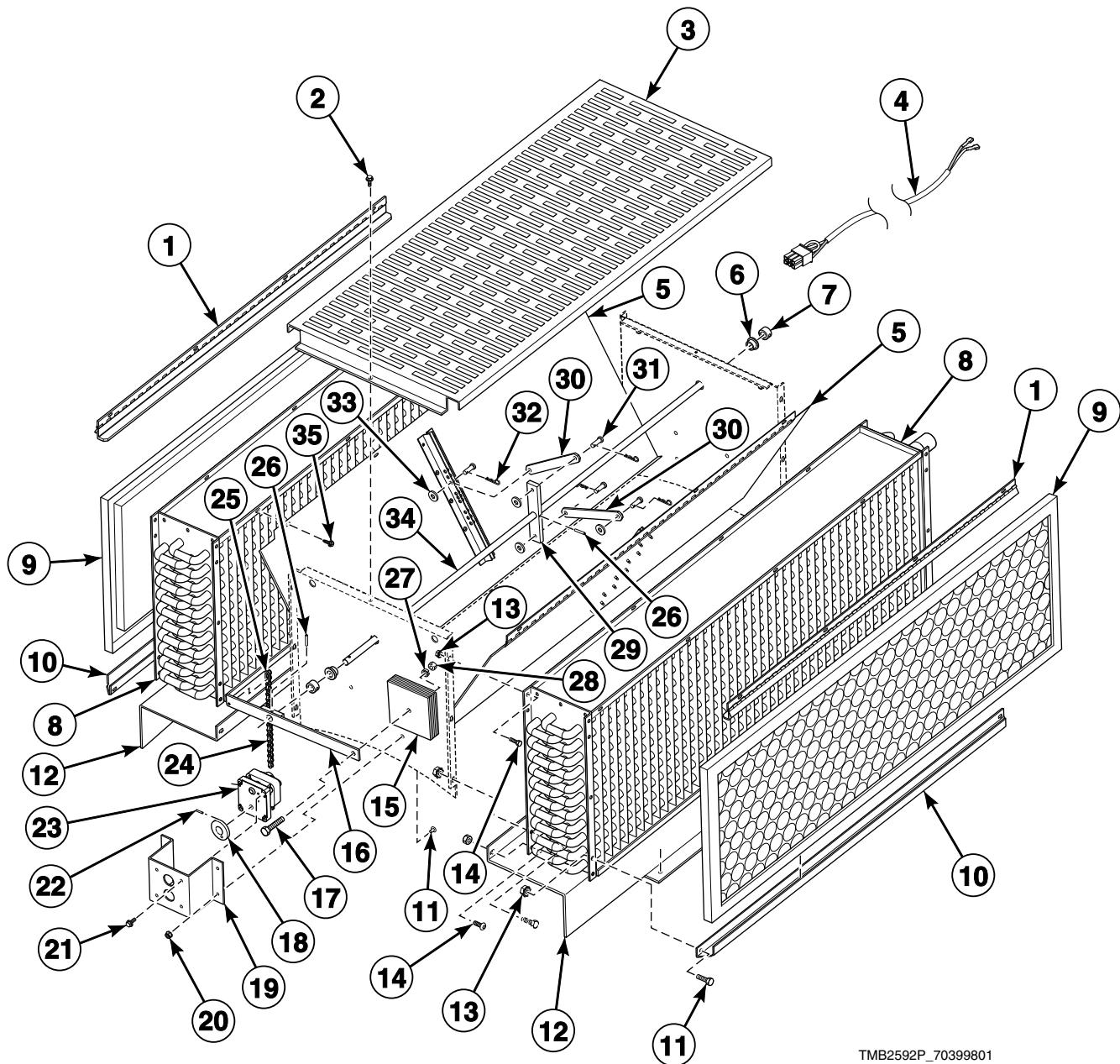
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# Steam Heater Components - 120 Pound Models Through Serial No. 0412012320 Except B, C, I and L Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M414458	Steam Heater Assembly	60 Hertz; Includes items 1-33
	M414482	Steam Heater Assembly	50 Hertz; Includes items 1-33
1	H96382023P	Steam Coil	2 required
2	H96388087	Filter Channel	4 required
3	M405188	Screw	2 required
4	44018401	Steam Cover	
5	N/A	Screw	2 required
6	20253	Screw	2 required
7	H96388079	Damper Shaft	
8	N/A	Damper Link	2 required
9	M414459	Bushing	2 required
10	M414451	Shaft Collar	2 required
11	M413086	Damper Motor Harness Assembly	
12	H96387519	Damper	2 required
13	44172201	Filter	2 required; CE models
	H96382106	Steam Coil Filter	2 required; All other models
14	801019	Screw	2 required per filter channel; 4 required per hamper motor bracket
15	M411550	Steam Coil Support	2 required
16	29786	Nut	
17	02422	Screw	
18	H88970256	Roll Pin	2 required
19	N/A	Damper Actuator	
20	70142	Nut	
21	M413331	Damper Counterweight	6 required
22	H88010574	Screw	
23	M412905P	Damper Motor	50 Hertz
	M413592P	Damper Motor	60 Hertz
24	H96388178	Drive Wheel	Damper
25	23951	Nut	2 required per filter channel; 4 required per damper motor bracket
26	61199	Screw	4 required
27	H96388145	Motor Bracket	
28	H88900683	Spring Pin	Damper
29	H96387501	Actuator Arm Assembly	Counterweight
30	H96388186	Drive Chain	
31	H96382072P	Master Link	2 required
32	D501086	Screw	8 required
33	M400013	Washer	

N/A = Part no longer available

# Steam Heater Components - 120 Pound Models Starting Serial No. 0412012321 Except B, C, and I Models



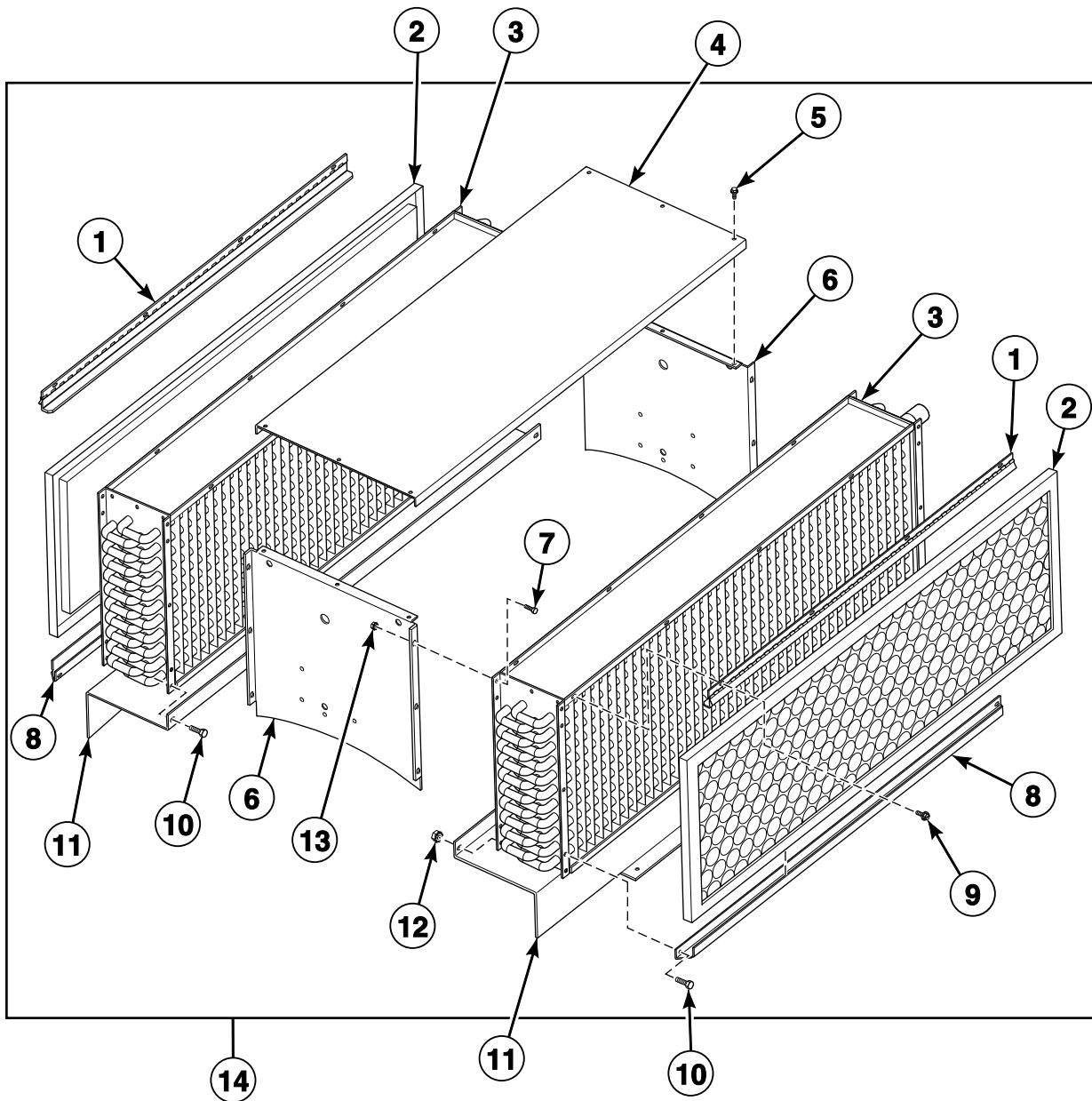
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# Steam Heater Components - 120 Pound Models Starting Serial No. 0412012321 Except B, C, and I Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M414458	Steam Heater Assembly	60 Hertz; Includes items 1-35
	M414482	Steam Heater Assembly	50 Hertz; Includes items 1-35
	M414534	Damper Bracket	Thermal oil models; 4 required
1	44088101	Steam Filter Top Hinge Assembly	2 required
2	M405188	Screw	
3	44115101	Steam Cover	
4	M413086	Damper Motor Harness Assembly	
5	H96387519	Damper	2 required; Use M405750 Pop Rivet
6	M414459	Bushing	2 required
7	M414451	Shaft Collar	2 required
8	H96382023P	Steam Coil	All models except thermal oil models; 2 required; 902303 Steam Pressure Label by inlet connection
9	44172201	Filter	2 required; CE models
	H96382106	Steam Coil Filter	2 required; All other models
10	H96388087	Filter Channel	2 required; Upper
11	801019	Screw	2 required
12	M411550	Steam Coil Support	3 required
13	29786	Nut	3 required
14	02422	Screw	3 required
15	M413331	Damper Counterweight	6 required
16	H96387501	Actuator Arm Assembly	
17	H88010574	Screw	
18	H96388178	Drive Wheel	Damper
19	H96388145	Motor Bracket	
20	23951	Nut	3 required
21	61199	Screw	
22	H88900683	Spring Pin	Damper
23	M413592P	Damper Motor	
24	H96388186	Drive Chain	
25	H96382072P	Master Link	2 required
26	H88970256	Roll Pin	2 required
27	M400013	Washer	
28	70142	Nut	
29	44096401	Steam Damper Actuator	
30	N/A	Damper Link	2 required
31	44091501	Clevis Pin	4 required
32	44091601	Hairpin Cotter	4 required
33	800465	Washer	4 required
34	H96388079	Damper Shaft	
35	D501086	Screw	

N/A = Part no longer available

## Steam Heater Components - 120 Pound B, C and I Models

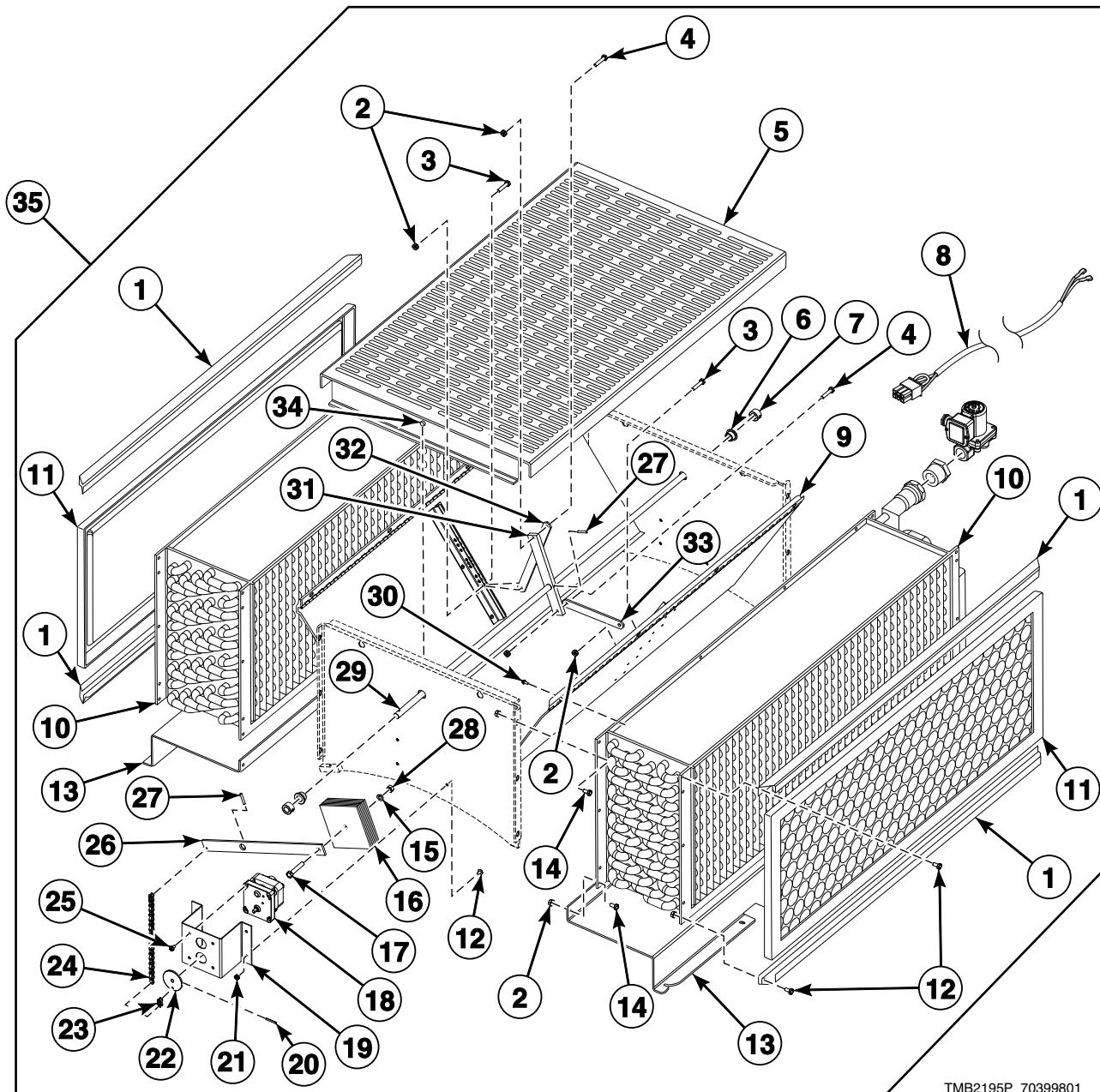


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## Steam Heater Components - 120 Pound B, C and I Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M414534	Damper Bracket	Thermal oil models; 4 required
1	44088101	Steam Filter Top Hinge Assembly	2 required
2	44172201	Filter	2 required; CE models
	H96382106	Steam Coil Filter	2 required; All other models
3	H96382023P	Steam Coil	All models except thermal oil models; 2 required; 902303 Steam Pressure Label by inlet connection
4	44114501	Steam Cover	
5	430497	Screw	6 required
6	44114901	Steam Coil Housing End	2 required
7	02422	Screw	16 required
8	H96388087	Filter Channel	2 required; Upper
9	D501086	Screw	8 required
10	801019	Screw	4 required
11	M411550	Steam Coil Support	2 required
12	23951	Nut	4 required
13	29786	Nut	16 required
14	44114701P	Steam Heater Assembly	Includes items 1-13

# Steam Heater Components - 170 Pound Models Through Serial No. 0412012320 Except B, C, I and L Models



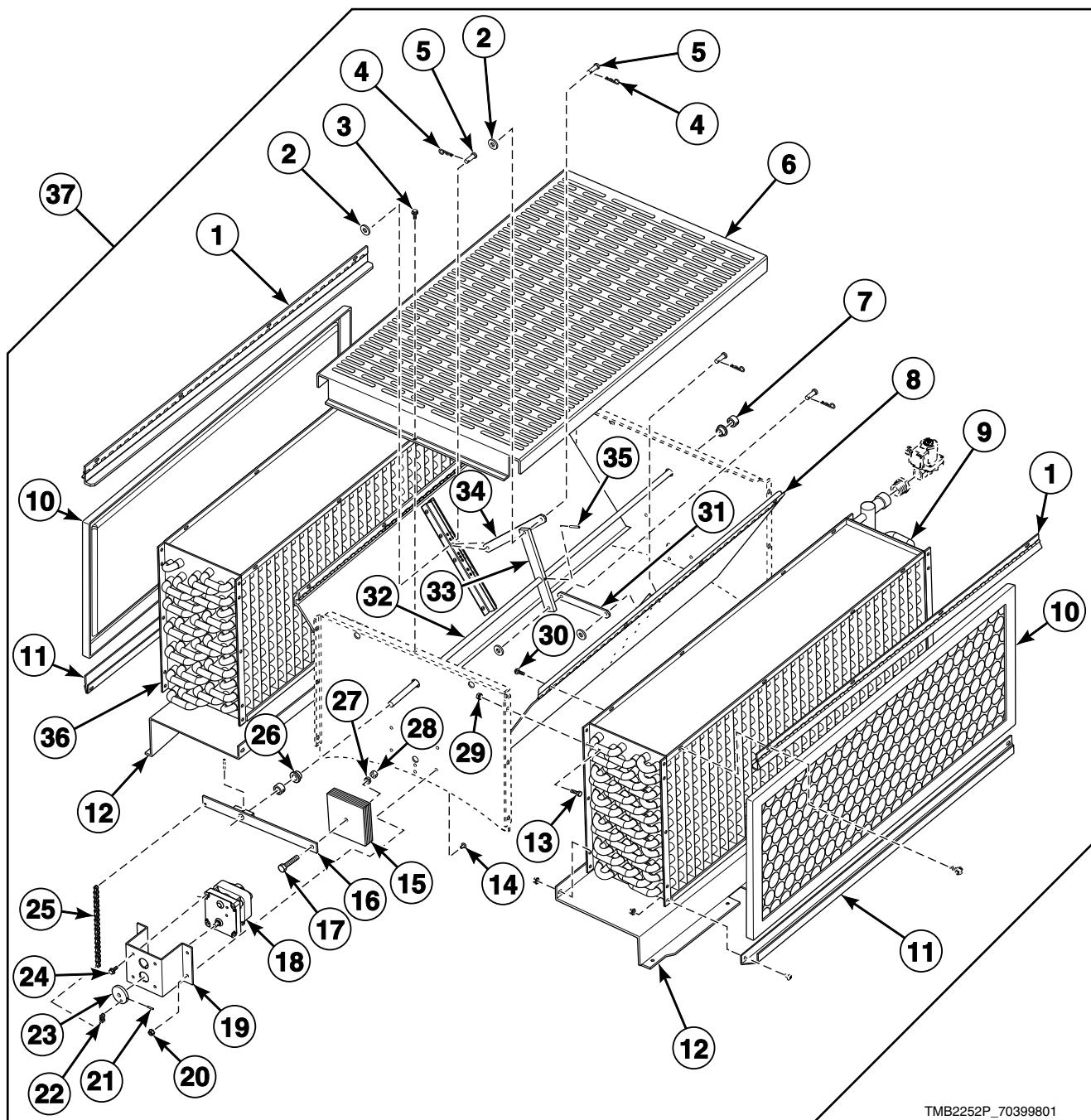
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# Steam Heater Components - 170 Pound Models Through Serial No. 0412012320 Except B, C, I and L Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	44045101	Filter Channel	2 required
	44088101	Steam Filter Top Hinge Assembly	
2	29786	Nut	18 required
3	N/A	Screw	2 required
4	20253	Screw	2 required
5	44018501	Steam Coil Housing Cover	
6	M414459	Bushing	2 required
7	M414451	Shaft Collar	2 required
8	M413086	Damper Motor Harness Assembly	
9	H96367685	Damper Assembly	2 required
10	M409833P	Steam Coil	Left
	M409834P	Steam Coil	Right
11	44172101	Filter	2 required; CE models
	H96362264	Coil Filter	2 required; All other models
12	801019	Screw	2 required per filter channel; 4 required per damper motor bracket
13	M412201	Steam Coil Support	2 required
14	02422	Screw	14 required
15	M400013	Washer	
16	M413331	Damper Counterweight	7 required
17	H88010574	Screw	
18	M412905P	Damper Motor	50 Hertz
	M413592P	Damper Motor	60 Hertz
19	H96388145	Motor Bracket	
20	H88900683	Spring Pin	Damper motor wheel
21	23951	Nut	2 required per filter channel; 4 required per damper motor bracket
22	H96388178	Drive Wheel	Damper
23	H96382072P	Master Link	2 required
24	H96388186	Drive Chain	
25	61199	Screw	4 required
26	H96387501	Actuator Arm Assembly	
27	H88970256	Roll Pin	2 required
28	70142	Nut	
29	N/A	Damper Shaft	
30	D501086	Screw	8 required
31	N/A	Actuator	
32	N/A	Damper Link	Left; 8.12
33	N/A	Damper Link	Right; 5.56
34	M405188	Screw	2 required
35	M414490P	Steam Heater Assembly	60 Hertz; Includes items 1-34
	M414485	Steam Heater Assembly	50 Hertz; Includes items 1-34

N/A = Part no longer available

**Steam Heater Components - 170 Pound Models**  
**Starting Serial No. 0412012321 Except B, C and I Models**



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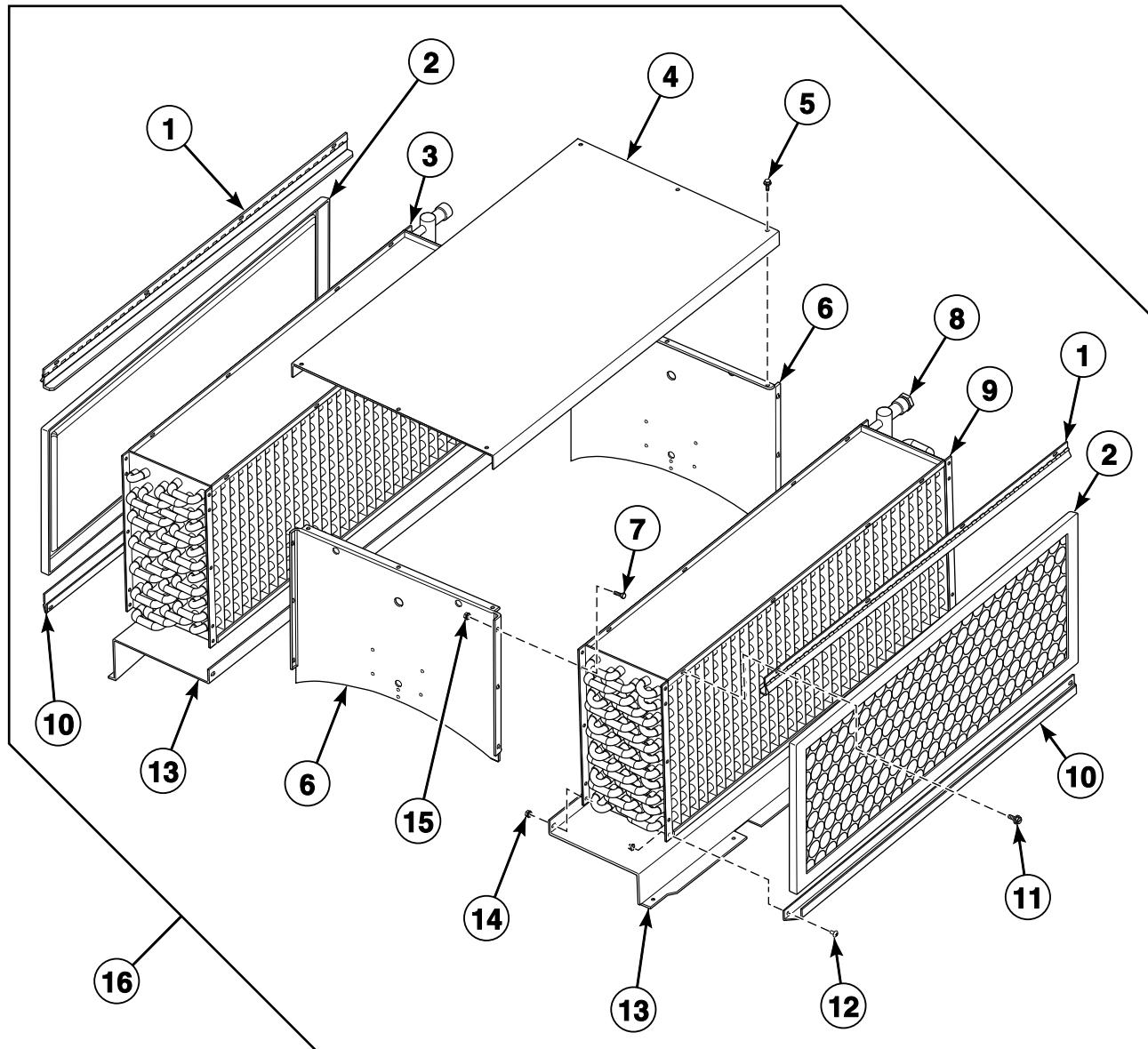
# Steam Heater Components - 170 Pound Models

## Starting Serial No. 0412012321 Except B, C and I Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M414801	Damper Bracket	Thermal oil models; 4 required
1	44088101	Steam Filter Top Hinge Assembly	2 required
2	800465	Washer	4 required
3	M405188	Screw	2 required
4	44091601	Hairpin Cotter	4 required
5	44091501	Clevis Pin	4 required
6	44018501	Steam Coil Housing Cover	
	44115201	Steam Cover	
7	M414451	Shaft Collar	2 required
8	H96367685	Damper Assembly	2 required
9	M409834P	Steam Coil	All models except thermal oil models; Right; 902303 Steam Pressure Label by inlet connection
10	44172101	Filter	2 required; CE models
	H96362264	Coil Filter	2 required; All other models
11	44045101	Filter Channel	2 required
	44088101	Steam Filter Top Hinge Assembly	
12	M412201	Steam Coil Support	2 required
13	02422	Screw	14 required
14	801019	Screw	8 required
15	M413331	Damper Counterweight	7 required
16	H96387501	Actuator Arm Assembly	
17	H88010574	Screw	
18	M413592P	Damper Motor	
19	H96388145	Motor Bracket	
20	23951	Nut	12 required
21	H88900683	Spring Pin	
22	H96382072P	Master Link	2 required
23	H96388178	Drive Wheel	
24	61199	Screw	4 required
25	H96388186	Drive Chain	
26	M414459	Bushing	2 required
27	M400013	Washer	
28	70142	Nut	
29	29786	Nut	14 required
30	D501086	Screw	16 required
31	N/A	Damper Link	Right
32	N/A	Damper Shaft	
33	44096501	Steam Damper Actuator	
34	N/A	Damper Link	
35	H88970256	Roll Pin	2 required
36	M409833P	Steam Coil	All models except thermal oil models; Left; 902303 Steam Pressure Label by inlet connection
37	M414490P	Steam Heater Assembly	60 Hertz; Includes items 1-36
	M414485	Steam Heater Assembly	50 Hertz; Includes items 1-36

N/A = Part no longer available

## Steam Heater Components - 170 Pound B, C and I Models



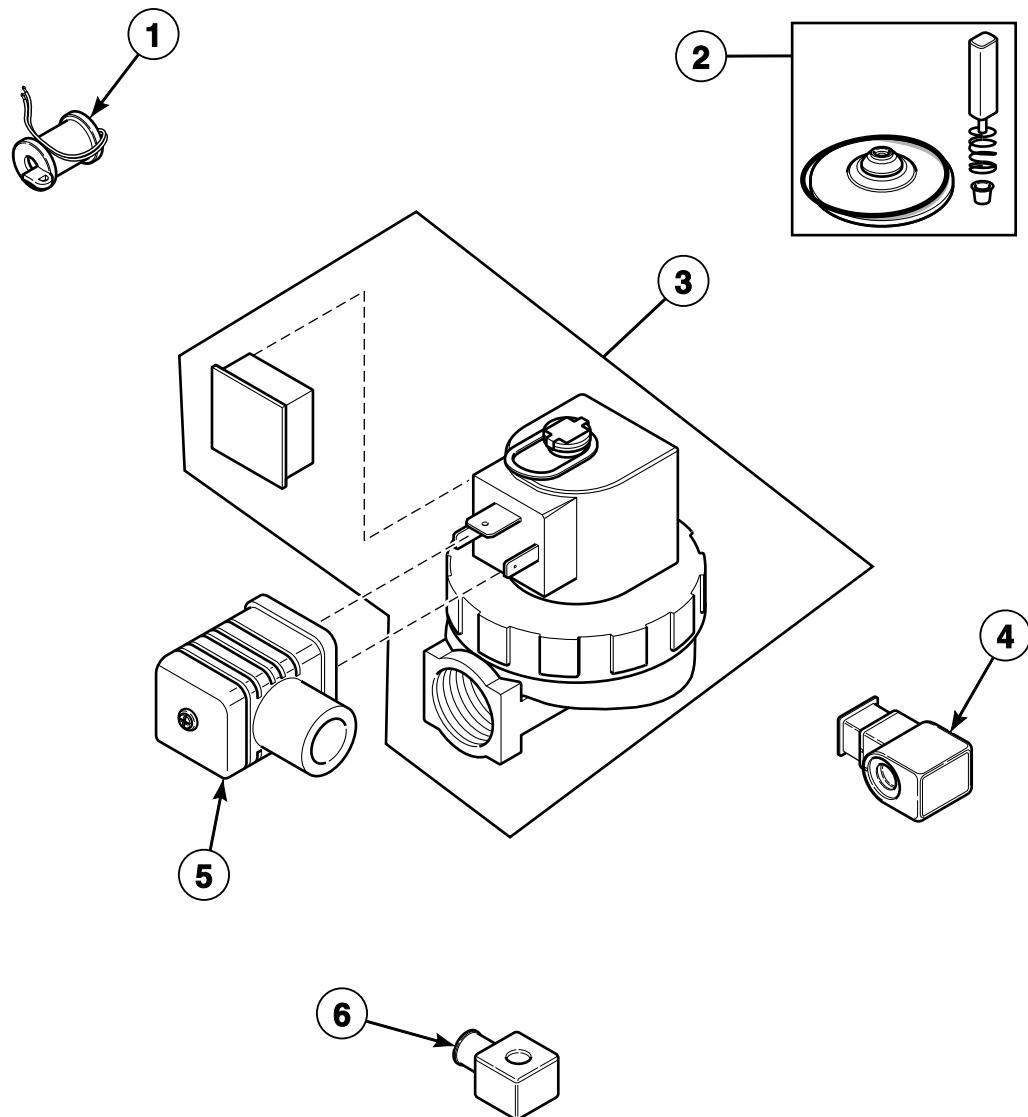
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## Steam Heater Components - 170 Pound B, C and I Models

REF	PART NO.	DESCRIPTION	COMMENTS
	M414801	Damper Bracket	Thermal oil models; 4 required
1	44088101	Steam Filter Top Hinge Assembly	2 required
2	44172101	Filter	2 required; CE models
	H96362264	Coil Filter	2 required; All other models
3	M409833P	Steam Coil	All models except thermal oil models; Left; 902303 Steam Pressure Label by inlet connection
4	44114601	Steam Cover	
5	430497	Screw	6 required
6	44115001	Steam Coil Housing End	2 required
7	02422	Screw	16 required
8	M409844	Bushing	2 required
9	M409834P	Steam Coil	All models except thermal oil models; Right; 902303 Steam Pressure Label by inlet connection
10	44045101	Filter Channel	2 required
11	D501086	Screw	8 required
12	801019	Screw	4 required
13	M412201	Steam Coil Support	2 required
14	23951	Nut	4 required
15	29786	Nut	16 required
16	44114801	Steam Heater Assembly	Includes items 1-15

# Steam Solenoid Valve

All Steam Models Except Thermal Oil Models

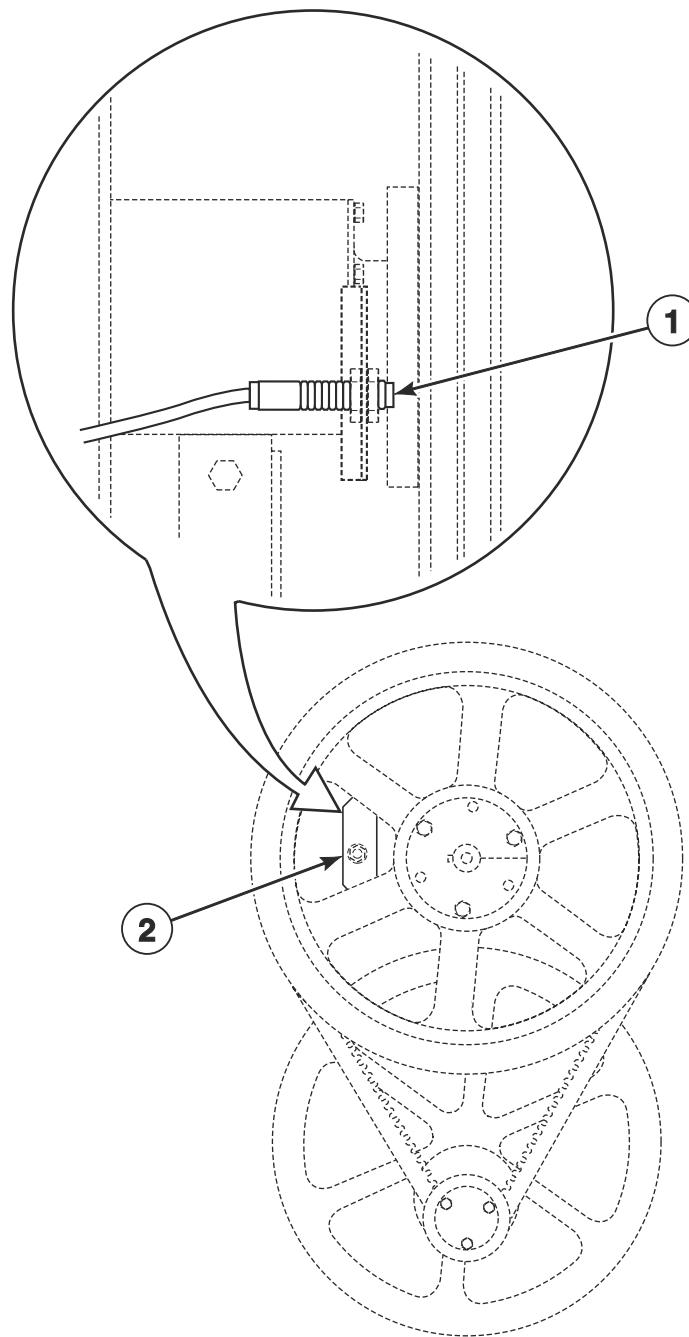


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## Steam Solenoid Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	F8379502	Valve Rebuild Kit	Use with F8322902 Steam Valve
	F8382301	DIN Valve Adapter Kit	Use with F8322902 Steam Valve
1	M412258	Steam Valve Coil	120 pound models; Used with 70351002P Steam Valve
	F8514801	Valve Coil	Use with F8322902 Steam Valve
2	M412259	Steam Valve Rebuild Kit	Models through 7/10/05
	70351021P	Steam Valve Rebuild Kit	Models starting 7/11/05
3	F8521701	Valve Kit	60 Hertz; Parker
	F8322902	Steam Valve	60 Hertz; Asco
	F8322903	Steam Valve	50 Hertz; Asco
4	70351012	Steam Solenoid	170 pound models; 50 Hertz; Used with 70351002P Steam Valve
5	70370301P	Solenoid Valve DIN Connector	
6	70351011P	Steam Solenoid	170 pound models; 60 Hertz; Used with 70351001P Steam Valve

## Rotation Sensor - B, C and I Models



TMB2009P\_70399801

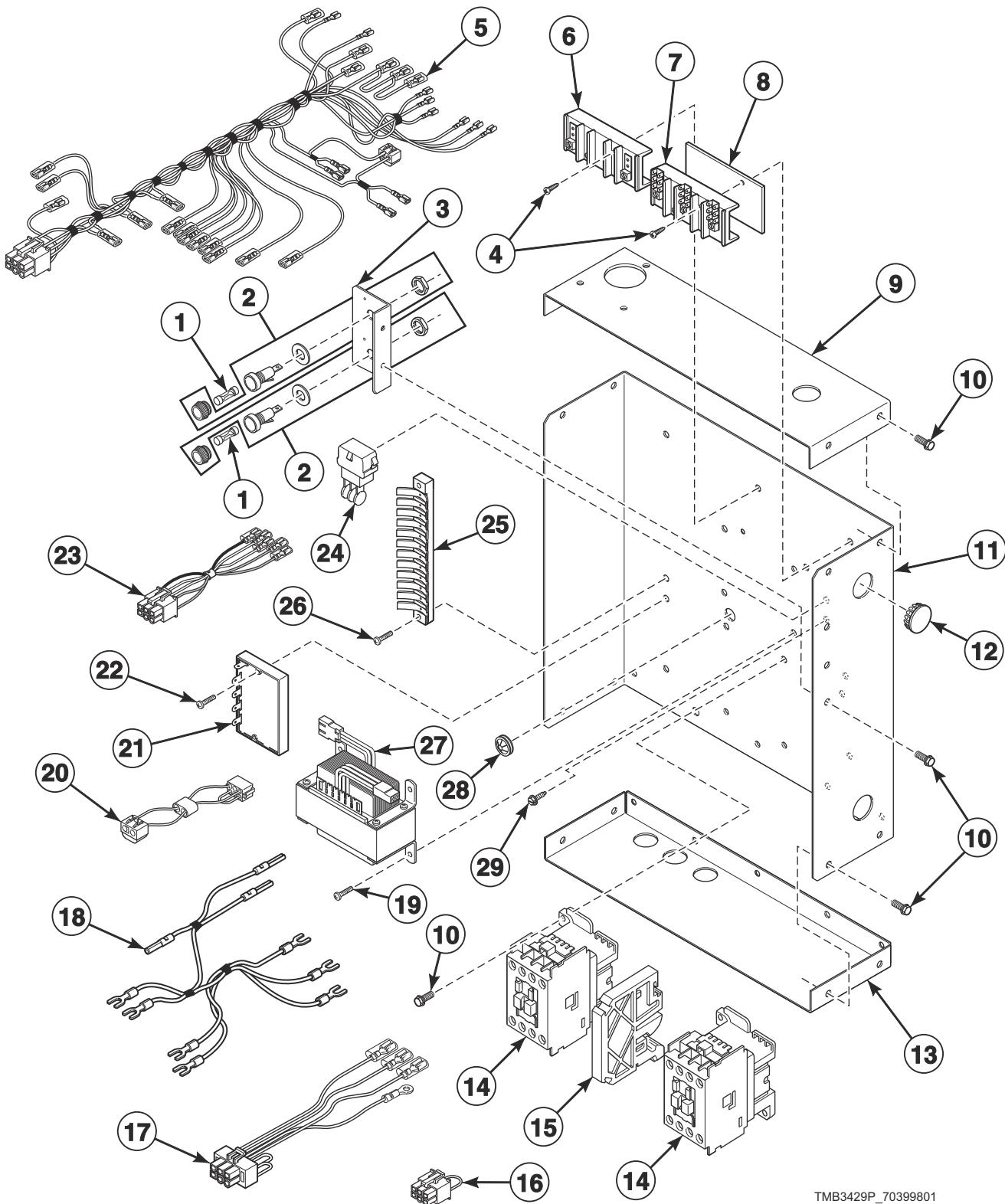
## **Rotation Sensor - B, C and I Models**

<b>REF</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
1	7010P	Rotation Sensor Kit	Includes plug; B models through 10/21/07; C and I models
	70417401P	Rotation Sensor Assembly	Includes plug; B models; Models starting 10/22/07
2	44111101	Rotation Sensor Bracket	

# Contactor Box Assembly (Drawing 1 of 2)

Non-CE Models

Models with R3, RD, RM, RQ, and RT Control Suffixes;  
200 Volt/50 Hertz/3 Phase; 200-208/240 Volt/60 Hertz/3 Phase; 230-240 Volt/50 Hertz/3 Phase



TMB3429P\_70399801

# Contactor Box Assembly (Drawing 1 of 2)

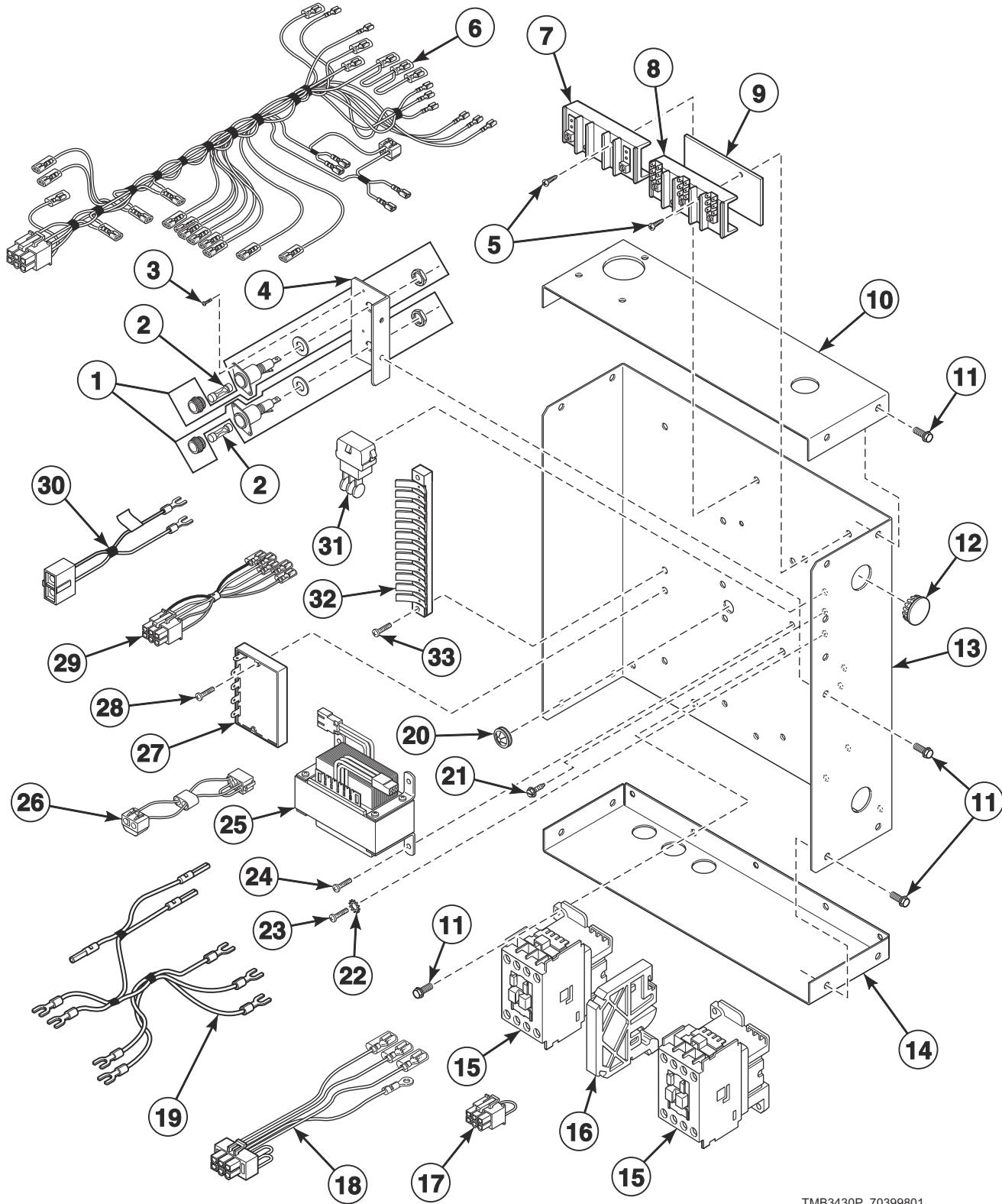
REF	PART NO.	DESCRIPTION	COMMENTS
	M413760	Contactor Box Cover	
	44324001	Warning Label	Extended tumble; On contactor box cover
	M414276	Mount Bracket	Use to mount item 11 to machine
	M413614P	Fan Contactor	24 Volt
1	M413118	Fuse	2 required; 250 Volt; 2 Amp
2	91024P	Fuse Receptacle	2 required; 250 Volt
3	M413575	Fuse Holder Bracket	
4	800930	Screw	6 required
5	M413684P	Contactor Box Harness Assembly	Reversing; 3 Phase
6	M405364	Terminal Block	2 pole
7	430642	Terminal Block	3 pole
8	M413862	Insulator	
9	M413757	Contactor Box End	Top
10	51780	Screw	21 required
11	44028401	Contactor Box Wrapper	
12	M400985	Plug	2 required; Snap in plug
13	M413758	Contactor Box End	Bottom
14	70323701P	Contactor	24 Volt; 3 required
15	F330186P	Interlock Contactor	Reversing
16	M413168	Bypass Harness Assembly	R3, RD, RM and RQ control suffixes
17	M413878	Network Capacitor Harness Assembly	R3, RD and RM control suffixes
18	M413624	Reversing Contactor Jumper Assembly	Upper; 3 Phase
19	M400044	Screw	4 required; Use with 4 of 23951 Nut to attach item 27
20	M413506	Jumper Harness Assembly	200-208 Volt
	M413507	Jumper Configuration Assembly	230-240 Volt
21	M412081	Reversing Timer	RT control suffix
22	N/A	Screw	2 required; RT control suffix
23	44008001	Reversing Timer Harness	RT control suffix
24	M413863	Network Capacitor Assembly	R3, RD and RM control suffixes
25	M413542	Terminal Strip	12 circuit
26	51778	Screw	2 required
27	M414228P	Transformer	Multitap
28	M411537	Bushing	
29	M402917	Screw	Ground

N/A = Part no longer available

# Contactor Box Assembly (Drawing 2 of 2)

Non-CE Models

Models with R3, RD, RM, RQ and RT Control Suffixes;  
380/400-415 Volt/50 Hertz/3 Phase; 440-480 Volt/60 Hertz/3 Phase



TMB3430P\_70399801

## Contactor Box Assembly (Drawing 2 of 2)

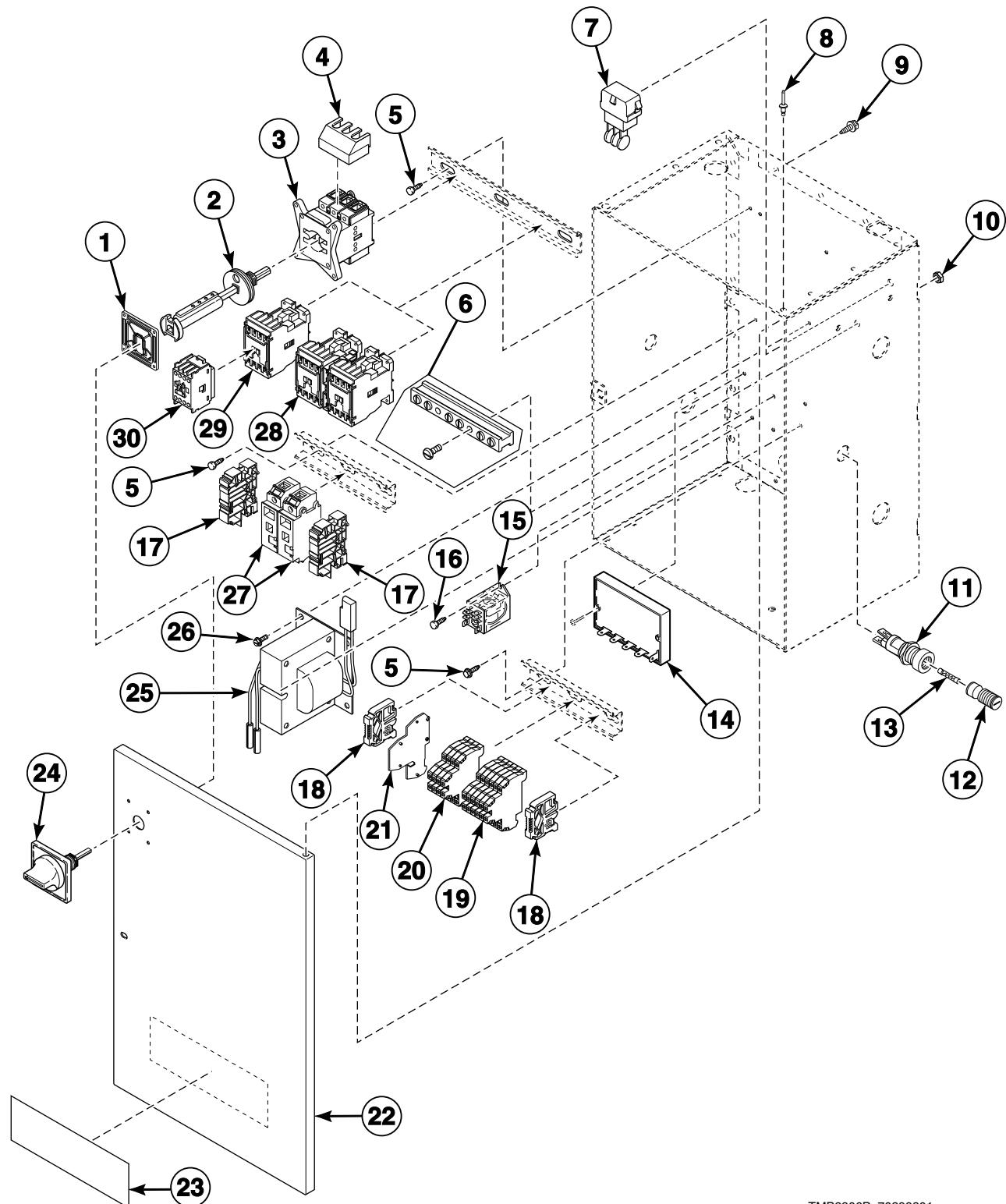
REF	PART NO.	DESCRIPTION	COMMENTS
	M413760	Contactor Box Cover	
	44324001	Warning Label	Extended tumble; On contactor box cover
	M414276	Mount Bracket	Use to mount item 13 to machine
	M413614P	Fan Contactor	24 Volt
1	M413544P	Fuse Holder	2 required
2	44310001	Fuse	2 required; 0.5 Amp; 500 Volt
3	D501086	Screw	4 required
4	M413576	Fuse Holder Bracket	
5	800930	Screw	6 required
6	M413684P	Contactor Box Harness Assembly	Reversing; 3 Phase
7	M405364	Terminal Block	2 pole
8	430642	Terminal Block	3 pole
9	M413862	Insulator	
10	M413757	Contactor Box End	Top
11	51780	Screw	21 required
12	M400985	Plug	2 required
13	44028401	Contactor Box Wrapper	
14	M413758	Contactor Box End	Bottom
15	70323701P	Contactor	24 Volt; 3 required
16	F330186P	Interlock Contactor	Reversing
17	M413168	Bypass Harness Assembly	R3, RD, RM and RQ control suffixes
18	M413878	Network Capacitor Harness Assembly	R3, RD and RM control suffixes
19	M413624	Reversing Contactor Jumper Assembly	3 Phase; Upper
20	M411537	Bushing	
21	M402917	Screw	Ground
22	03815	Washer	2 required; Grounding
23	430497	Screw	R3, RD, RM and RQ control suffixes
24	M400044	Screw	4 required; Use with 4 of 23951 Nut to attach item 25
25	M414229P	Transformer	380, 400-415 and 460-480 Volt; Multitap
	44074401	Transformer	440 Volt; Dual; Secondary
26	M413508	Jumper Harness Assembly	380, 400-415 Volt/50 Hertz/3 Phase
	M413510	Jumper Configuration Assembly	460-480 Volt/60 Hertz/3 Phase
	M413509	Jumper Harness Assembly	415 Volt
27	M412081	Reversing Timer	24 Volt; RT control suffix
28	N/A	Screw	2 required; RT control suffix
29	44008001	Reversing Timer Harness	RT control suffix
30	44111401	Emergency Stop Harness	R3 control suffix
31	M413863	Network Capacitor Assembly	R3, RD and RM control suffixes
32	M413542	Terminal Strip	12 circuit
33	51778	Screw	2 required

N/A = Part no longer available

# Junction Box Assembly

CE Models

Models with R3, RD, RM, RQ and RT Control Suffixes;  
380, 400-415 Volt/50 Hertz/3 Phase



TMB2806P\_70399801

## Junction Box Assembly

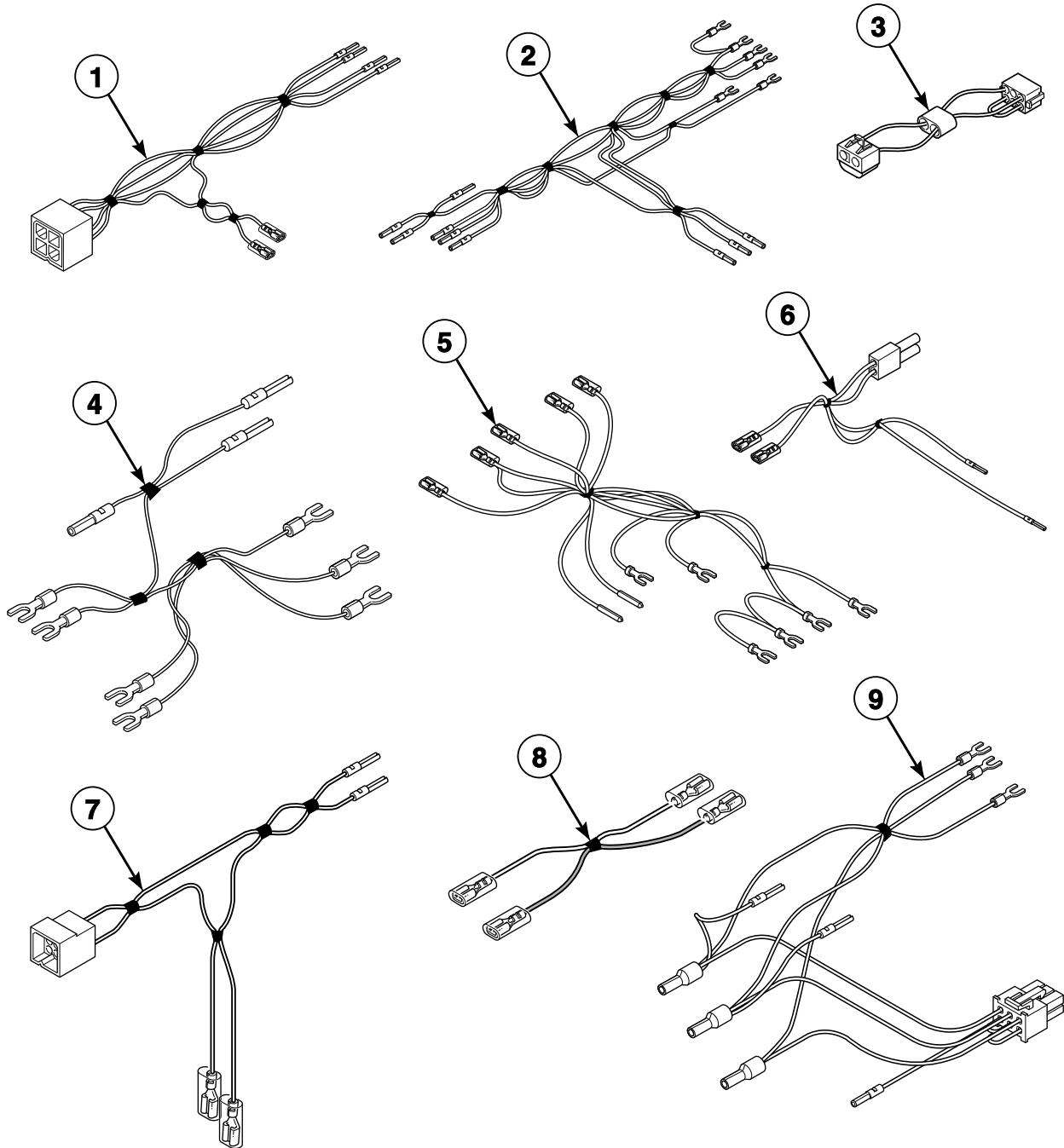
REF	PART NO.	DESCRIPTION	COMMENTS
1	M412368	Door Interlock	
2	M412370	Extension Handle	20 Amp
3	M412187P	Mounting Switch Base	20 Amp
4	M412366	Finger Guard	20 Amp
5	51780	Screw	6 required
6	M412656	Ground Buss Assembly	Includes 2 screws
7	M413863	Network Capacitor Assembly	R3, RD and RM control suffixes
8	M400713	Drive Rivet	2 required; To secure cover to junction box
9	430497	Screw	18 required; To secure junction box to backplane
10	M412688	Nut	2 required
11	D502591P	Fuse Holder Kit	Includes nut
12	D502811	Fuse Carrier	
13	D502592	Fuse	RT control suffix
	M413889	Fuse	R3, RD, RM and RQ control suffixes
14	M412081	Reversing Timer	RT control suffix; Use 2 of Q6516 Screw and 2 of 02788 Nut to attach
15	M412534	Relay	24 Volt; 2 required for RT control suffix
16	D501086	Screw	2 required for R3, RD and RM control suffixes; 3 required for RT control suffix
	M400071	Screw	2 required; RQ control suffix
17	M412615	End Stop	2 required; High voltage
18	70121001	End Stop	2 required
19	M412631	Terminal Block	6 required; Gray; 2 circuit
20	M412632	Terminal Block	4 required; Blue; 1 circuit
21	M412633	End Barrier	
22	M412650	Junction Box Cover	
23	44324001	Warning Label	Extended tumble; On contactor box cover
24	M412208	Handle	
25	M414229P	Transformer	Multitap; R3, RD and RM control suffixes
	M412412P	Transformer	RQ and RT control suffixes
26	801019	Screw	4 required; R3, RD and RM control suffixes; Use with 4 of 23951 Nut to attach item 25
	33562	Screw	4 required; RQ and RT control suffixes; Use with 4 of 23951 Nut to attach item 25
27	M412538	Terminal Block	2 required; Use 2 of M413621 Fuse for RM and RT control suffixes; Use M412996 Fuse for RQ control suffix
28	M412405P	Reversing Contactor	Cylinder drive motor
29	N/A	Auxiliary Contact Block	RT control suffix
30	70323701P	Contactor	Fan

N/A = Part no longer available

# Junction Box Harnesses

CE Models

Models with R3, RD, RM, RQ and RT Control Suffixes;  
380, 400-415 Volt/50 Hertz/3 Phase



TMB2596P\_70399801

## Junction Box Harnesses

REF	PART NO.	DESCRIPTION	COMMENTS
1	M414028	Transformer Harness Assembly	Primary; R3, RD, RM and RT control suffixes
	M414029	Transformer Harness Assembly	RT control suffix; Secondary
2	M414224	Relay Harness Assembly	R3, RD, RM and RQ control suffixes
3	M413508	Jumper Harness Assembly	380 Volt
	M413509	Jumper Harness Assembly	415 Volt
4	M412928	Reversing Jumper Harness Assembly	2 required; Upper
	M412929	Reversing Jumper Harness Assembly	Lower
	M414034	Reversing Contactor Harness Assembly	R3, RD, RM and RQ control suffixes
5	N/A	Reversing Timer Harness Assembly	RT control suffix
6	M412641	Transformer Harness Assembly	RQ control suffix
7	44030501	Transformer Harness	HU, PU, SU, UU and XU models; RT control suffix; Secondary
8	44042801	Jumper Set Assembly	R3 and RD control suffixes
9	M414077	Jumper Wire	R3, RD and RM control suffixes

N/A = Part no longer available

## Notes

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