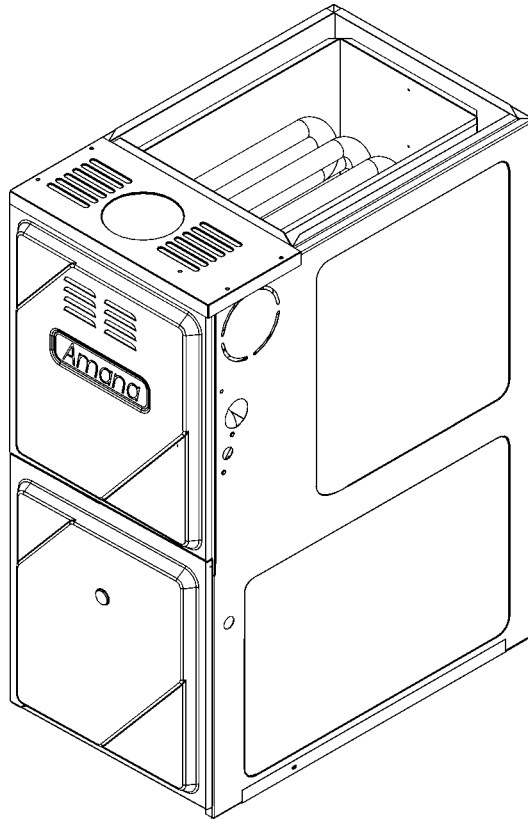


AMV8*BA 80% Two Stage Variable Speed Furnace

AMV80704BXBA
AMV80905CXBA
AMV81155CXBA



Important Information

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Views shown are for parts illustrations only, not servicing procedures

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example

M1 - Model#1

M2 - Model#2

M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations. Amana® brand products are proudly made in the USA.

For assistance within the U.S.A. contact:

Consumer Affairs Department

Goodman Company, L.P.

7401 Security Way

Houston, Texas 77040

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Company, L.P.

7401 Security Way

Houston, Texas 77040

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

No:

Description:

0259F00028	ASSY-INDUCTOR HARNESS
20269903	AUXILIARY LIMIT (QTY 2)
B1809927S	BOARD-H.S.I. 2-STAGE MINI
B1172606	FLAME SENSOR
B4026006	GAS MANIFOLD, 3 CELL (M1)
B4026007	GAS MANIFOLD, 4 CELL (M2)
B4026008	GAS MANIFOLD, 5 CELL (M3)
0151F00000P	GAS VALVE
0130F00008	IGNITOR-SINI 17 SEC
B1141666	INDUCTOR, 5.9 AMPS
B4022700	INSHOT BURNER 3" (QTY AR)
B13400913GBS	MOTOR-3/4 HP (M2)
B13400912GBS	MOTOR-3/4 HP (M1)
B13400914GBS	MOTOR-3/4 HP (M3)
0131M00003S	MOTOR-VENT 2-STAGE
B4089343	ORIFICE (QTY AR)
B1370209	PRESSURE SWITCH-2 STAGE (M2)
B1370210	PRESSURE SWITCH-2 STAGE (M3)
B1370208	PRESSURE SWITCH-2 STAGE (M1)
B1370207	PRIMARY LIMIT 130°F (M3)
B1370198	PRIMARY LIMIT 150°F (M1, M2)
B1370145	ROLLOUT SWITCH, 300 W/O BRACKET (QTY 2)
4021315S	SUB ASSY-HEAT EXCHANGER 3 CELL 17.5" (M1)
4021317S	SUB ASSY-HEAT EXCHANGER 4 CELL 21" (M2)
4021318S	SUB ASSY-HEAT EXCHANGER 5 CELL 21" (M3)
B1141605	TRANSFORMER 120V TO 24V, 40V
B4068409	WIRING HARNESS
11118705	WIRING HARNESS
B1378702	WIRING HARNESS-HIGH VOLTAGE

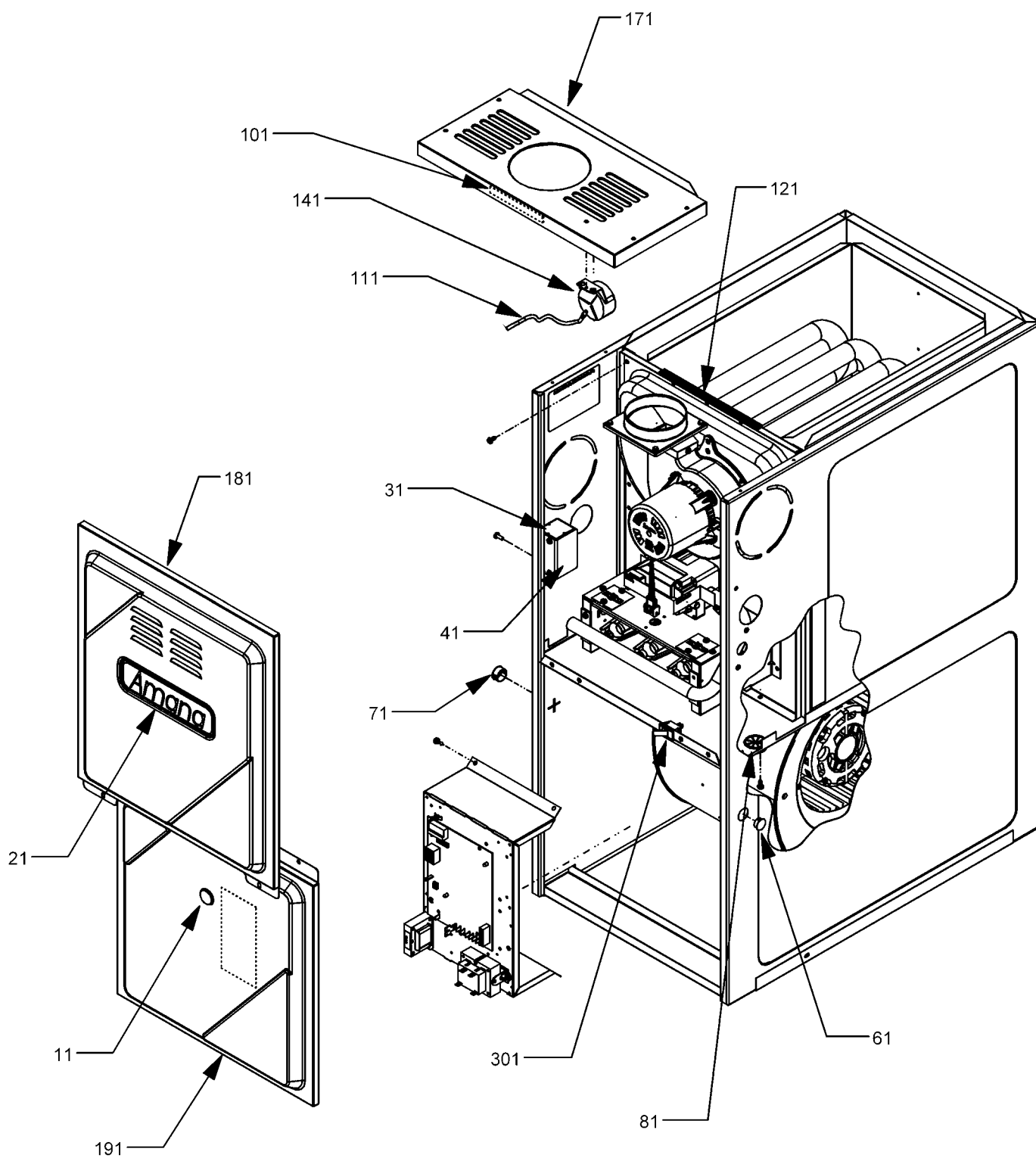
SPECIAL PARTS

PM-ATAXCRDT50	AMANA TAX CREDIT 50
HI-115A	HOMEOWNERS INSTRUCTIONS
IO-316	INSTALLATION INSTRUCTIONS
0161M00003P	NAMEPLATE, AMANA
RP-421	REPAIR PARTS MANUAL

Expanded Model Nomenclature

M1 - AMV80704BXBA
M2 - AMV80905CXBA
M3 - AMV81155CXBA

Cabinet



Cabinet

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	B1392139	VIEW PORT BUSHING-BLOWER DOOR			
21	0161M00003P	NAMEPLATE, AMANA			
31	4014502	J-BOX			
41	4015502	J-BOX COVER			
61	B1392019	PLASTIC PLUG .875"			
71	B1392104	UNIVERSAL BUSHING UB 875			
81	B1392147	UNIVERSAL BUSHING WITH SLICE			
101	B13926111	SEAL STRIP 1/8 X 1/2 X 14"			
111	A3468601	PRESSURE SWITCH HOSE			
121	B13926112	SEAL STRIP 1/8 X 1/2 X 17.5" (M1)			
121	B13926113	SEAL STRIP 1/8 X 1/2 X 21" (M2, M3)			
141	B1370208	PRESSURE SWITCH-2 STAGE (M1)			
141	B1370209	PRESSURE SWITCH-2 STAGE (M2)			
141	B1370210	PRESSURE SWITCH-2 STAGE (M3)			
171	0221F00001PDG	TOP-FURNACE 80% 17.5" (M1)			
171	0221F00002PDG	TOP-FURNACE 80% 21" (M2, M3)			
181	4012008PLG	ACCESS DOOR 17.5" (M1)			
181	4012009PLG	ACCESS DOOR 21" (M2, M3)			
191	4015005PLG	BLOWER DOOR 17.5" (M1)			
191	4015006PLG	BLOWER DOOR 21" (M2, M3)			
301	B1370818	INTERLOCK SWITCH			
Expanded Model Nomenclature					
M1 - AMV80704BXBA					
M2 - AMV80905CXBA					
M3 - AMV81155CXBA					

Blower Assy/Control Panel

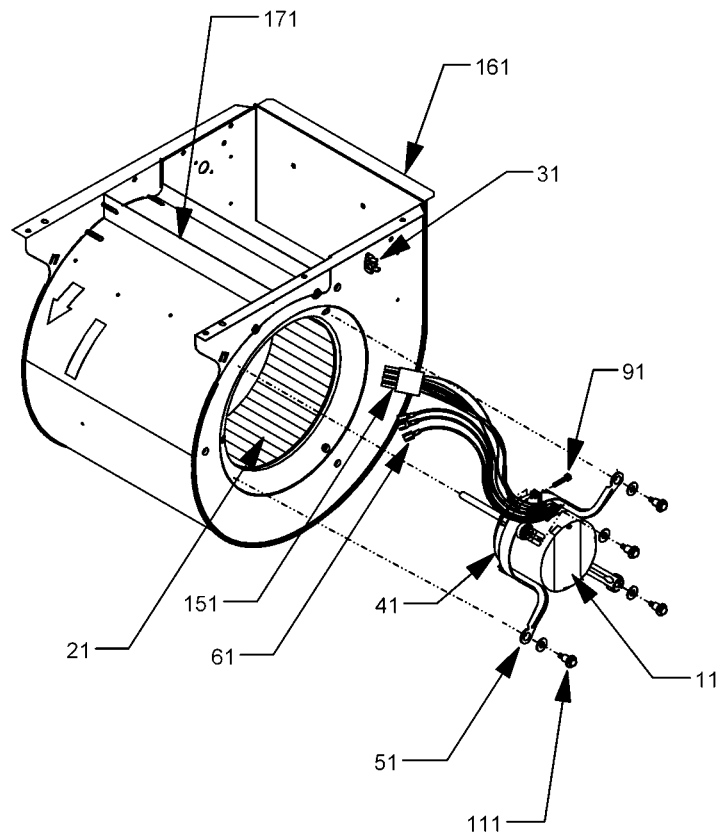
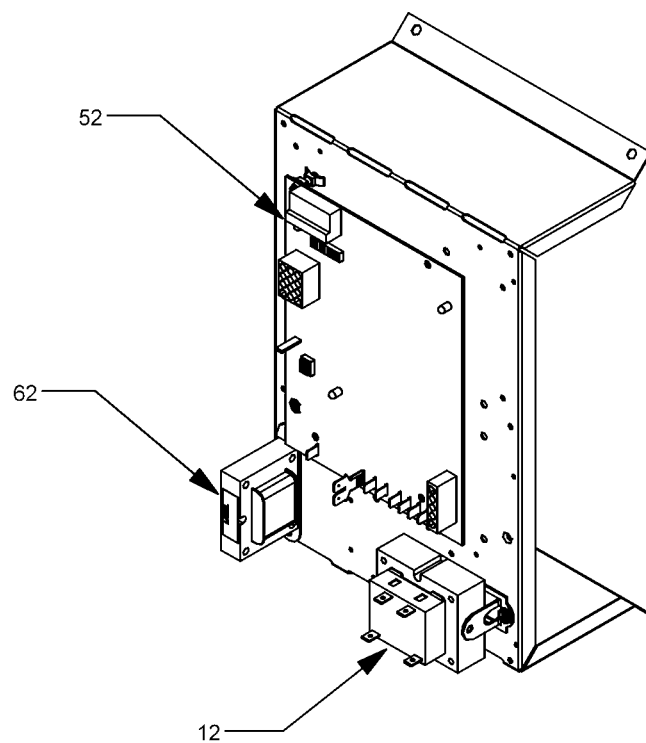


Image 1

Image 2



Blower Assy/Control Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	B13400912GBS	MOTOR-3/4 HP (M1)
11	B13400913GBS	MOTOR-3/4 HP (M2)
11	B13400914GBS	MOTOR-3/4 HP (M3)
21	B1368047	BLOWER WHEEL 10 X 10 (M2, M3)
21	B1368016S	BLOWER WHEEL 10 X 8 (M1)
31	20269903	AUXILIARY LIMIT (QTY 2)
41	B1376851	MOTOR MOUNT BAND
51	B1376853	MOTOR MOUNT ARM (QTY 3)
61	B1378702	WIRING HARNESS-HIGH VOLTAGE
91	B1393323	SCREW-MACHINE HWH 20 X 1 1/2"
111	B1393527	SCREW-HWH, 14 X 1-1/2" (QTY 3)
151	11118705	WIRING HARNESS
161	2539311	BLOWER HOUSING ASSY 10 X 10 (M2, M3)
161	2539310S	BLOWER HOUSING ASSY 10 X 8 (M1)
171	764741	BLOWER BLOCK-OFF 10 X 10 (M2, M3)
171	764740	BLOWER BLOCK-OFF 10 X 8 (M1)
NS	2509503	BRACKET-ROLLOUT SWITCH (QTY 2)

Image 2:

12	B1141605	TRANSFORMER 120V TO 24V, 40V
52	B1809927S	BOARD-H.S.I. 2-STAGE MINI
62	B1141666	INDUCTOR, 5.9 AMPS

Expanded Model Nomenclature

M1 - AMV80704BXBA
M2 - AMV80905CXBA
M3 - AMV81155CXBA

Heat Exchanger Assy/Flue Collector Box

Image 1

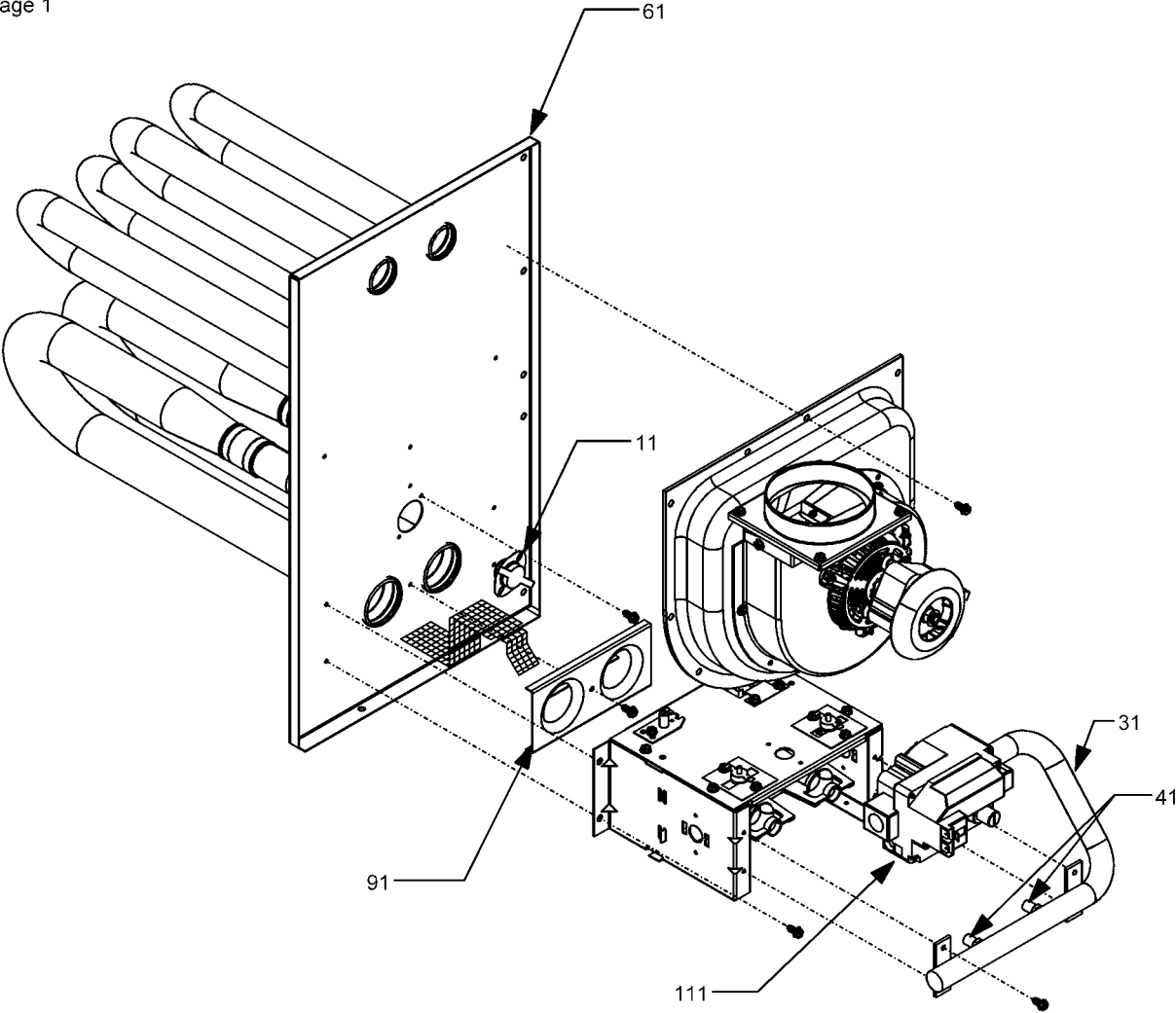
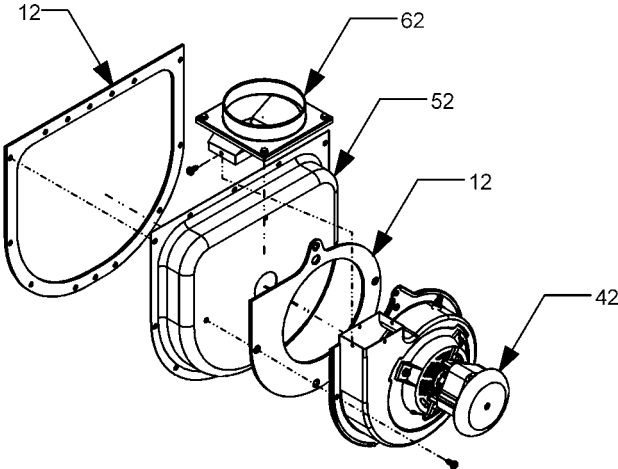


Image 2



Heat Exchanger Assy/Flue Collector Box

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	B1370207	PRIMARY LIMIT 130°F (M3)
11	B1370198	PRIMARY LIMIT 150°F (M1, M2)
31	B4026006	GAS MANIFOLD, 3 CELL (M1)
31	B4026007	GAS MANIFOLD, 4 CELL (M2)
31	B4026008	GAS MANIFOLD, 5 CELL (M3)
41	B4089343	ORIFICE (QTY AR)
61	4021315S	SUB ASSY-HEAT EXCHANGER 3 CELL 17.5" (M1)
61	4021317S	SUB ASSY-HEAT EXCHANGER 4 CELL 21" (M2)
61	4021318S	SUB ASSY-HEAT EXCHANGER 5 CELL 21" (M3)
91	4028001	ORIFICE PLATE 3 CELL (M1)
91	4028002	ORIFICE PLATE 4 CELL (M2)
91	4028003	ORIFICE PLATE 5 CELL (M3)
111	0151F00000P	GAS VALVE

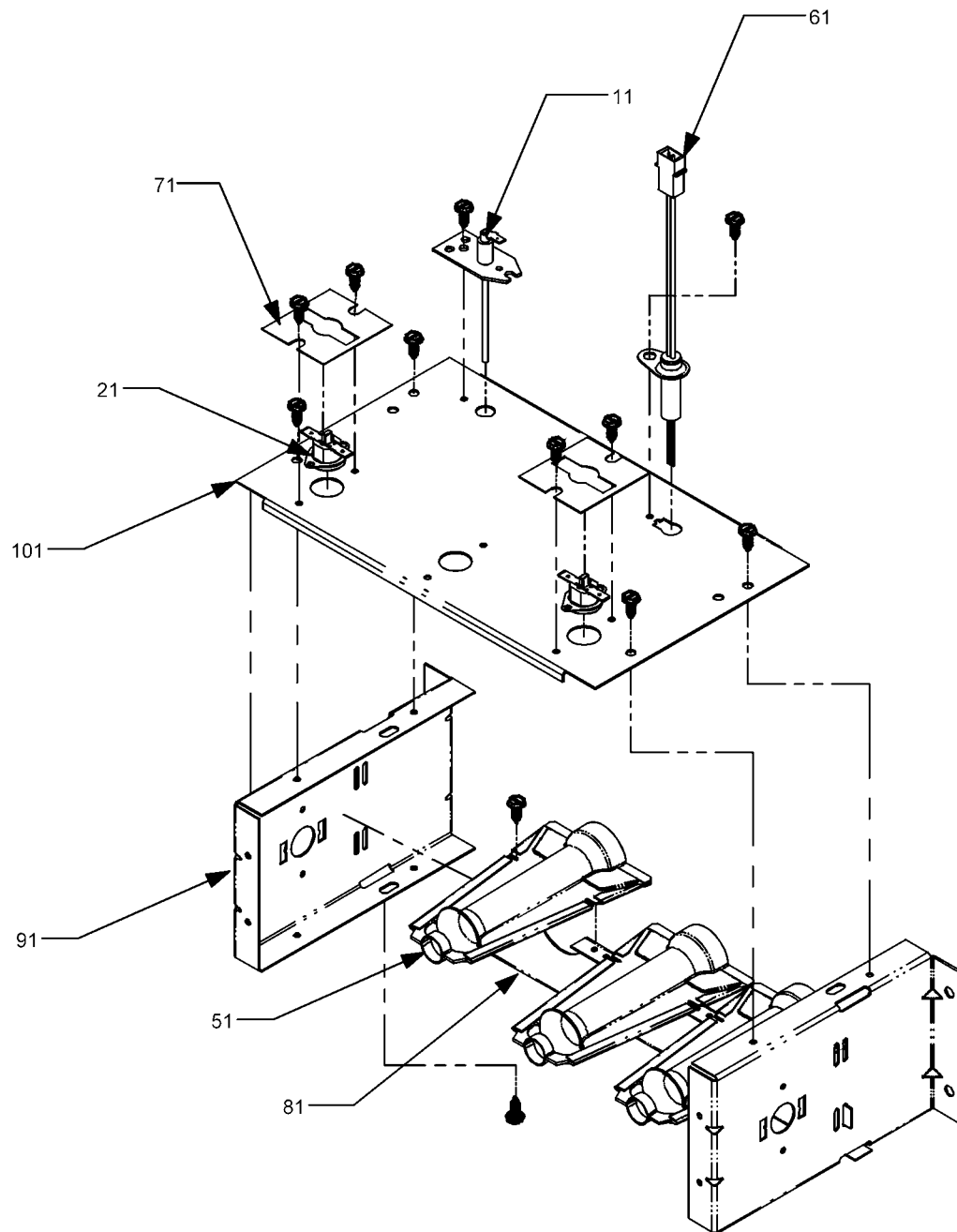
Image 2:

12	B1392634	GASKET 17.5" (M1)
12	B1392635	GASKET 21" (M2, M3)
42	0131M00003S	MOTOR-VENT 2-STAGE
52	4010019S	BOX, FLUE COLLECTOR 1.75" DIA. 17.5" (M1)
52	4010016S	BOX, FLUE COLLECTOR 2.00" DIA. 21" (M2)
52	4010017S	BOX, FLUE COLLECTOR 2.25" DIA. 21" (M3)
62	4053501S	CHIMNEY ASSEMBLY

Expanded Model Nomenclature

M1 - AMV80704BXBA
M2 - AMV80905CXBA
M3 - AMV81155CXBA

Burner Box



Burner Box

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	B1172606	FLAME SENSOR
21	B1370145	ROLLOUT SWITCH, 300 W/O BRACKET (QTY 2)
51	B4022700	INSHOT BURNER 3" (QTY AR)
61	0130F00008	IGNITOR-SINI 17 SEC
81	2513501	BURNER RACK, 3 CELL (M1)
81	2513502	BURNER RACK, 4 CELL (M2)
81	2513503	BURNER RACK, 5 CELL (M3)
91	2514000	SIDE PLATE-BURNER BOX (QTY 2)
101	4013011	TOP-BURNER BOX 3 CELL (M1)
101	4013012	TOP-BURNER BOX 4 CELL (M2)
101	4013013	TOP-BURNER BOX 5 CELL (M3)
NS	2509503	BRACKET-ROLLOUT SWITCH (QTY 2)

Expanded Model Nomenclature

M1 - AMV80704BXBA
M2 - AMV80905CXBA
M3 - AMV81155CXBA