

**[GFD**

**Parts List**

**Modulating Upflow Gas Furnace**  
Series D    Sizes 06-12



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## ORDERING, STOCKING AND NOTE EXPLANATIONS

### Ordering Instructions:

When ordering a replacement part, be sure to read all notes and symbol notations on the parts list. In some cases, it is necessary to determine the unit style number and/or serial number in addition to the model number before selecting a replacement part. When ordering painted cabinet parts, the order **must specify** unit model number, serial number, and paint color. Also, your order can be processed more rapidly if you show the part number and description. Once the product is out of current production, price and availability will vary.

### Replacement Parts Stocking Information:

As a general rule, most parts are in stock or have a short order period as long as the product is in current production. Once the product is out of current production price and availability will vary.

### Note Explanation:

<i>np</i>	This part is not shown in exploded view. [ <b>no picture</b> ]
<i>cr</i>	This original part number has been <b>cross-referenced</b> to an equal, or better than replacement, part number.
<i>dna</i>	<b>Does not apply</b>
<i>fi</i>	<b>Field Installed Accessory</b>
<i>nw</i>	This part was <b>new</b> when introduced
<i>stk</i>	This part should be <b>stocked</b> .
( )	Order quantity.

## MODEL NUMBER EXPLANATION

<b>[ ]</b>	<b>G</b>	<b>F</b>	<b>D</b>	<b>-</b>	<b>0</b>	<b>7</b>	<b>E</b>	<b>M</b>	<b>C</b>	<b>K</b>	<b>S</b>	<b>2</b>	<b>7</b>	<b>8</b>
(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)	(9)			(10)		

### Position

- |   |                          |                     |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
|---|--------------------------|---------------------|---------------------|-----|---|------------------|-----|---|------------------|-----|---|------------------|-----|---|-------------------|-----|---|-------------------|---|
| <p><b>(1) TRADEBRAND IDENTIFICATION</b></p> <p><b>(2) MODEL</b><br/>G = GAS FURNACE</p> <p><b>(3) TYPE</b><br/>F = Modulating Classic 90 Plus</p> <p><b>(4) DESIGN SERIES / VARIATION</b></p> <p><b>(5) HEATING INPUT DESIGNATION</b></p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;"><u>Electric Ignition</u></td> <td style="border: none;">=</td> <td style="border: none;"><u>Input BTU/HR</u></td> </tr> <tr> <td style="border: none;">06E</td> <td style="border: none;">=</td> <td style="border: none;">60,000 [17.6 kw]</td> </tr> <tr> <td style="border: none;">07E</td> <td style="border: none;">=</td> <td style="border: none;">75,000 [20.5 kw]</td> </tr> <tr> <td style="border: none;">09E</td> <td style="border: none;">=</td> <td style="border: none;">90,000 [26.4 kw]</td> </tr> <tr> <td style="border: none;">10E</td> <td style="border: none;">=</td> <td style="border: none;">105,000 [30.7 kw]</td> </tr> <tr> <td style="border: none;">12E</td> <td style="border: none;">=</td> <td style="border: none;">120,000 [35.2 kw]</td> </tr> </table> | <u>Electric Ignition</u> | =                   | <u>Input BTU/HR</u> | 06E | = | 60,000 [17.6 kw] | 07E | = | 75,000 [20.5 kw] | 09E | = | 90,000 [26.4 kw] | 10E | = | 105,000 [30.7 kw] | 12E | = | 120,000 [35.2 kw] | <p><b>(6) BLOWER SERIES</b><br/>M = 11 x 7<br/>R = 11 x 10<br/>Z = 12 x 11</p> <p><b>(7) VARIATIONS</b><br/>C = Single/Multi Zone</p> <p><b>(8) HEATING &amp; COOLING DESIGNATION</b><br/>K = 600-1200 CFM<br/>M = 1200-2000 CFM</p> <p><b>(9) FUEL DESIGNATION</b><br/>B = Canadian Furnace - Natural Gas<br/>S = U.S. Furnace - Natural Gas</p> <p><b>(10) OPTION CODES</b></p> |
| <u>Electric Ignition</u>  | =                        | <u>Input BTU/HR</u> |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
| 06E   | =                        | 60,000 [17.6 kw]    |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
| 07E   | =                        | 75,000 [20.5 kw]    |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
| 09E   | =                        | 90,000 [26.4 kw]    |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
| 10E   | =                        | 105,000 [30.7 kw]   |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |
| 12E   | =                        | 120,000 [35.2 kw]   |                     |     |   |                  |     |   |                  |     |   |                  |     |   |                   |     |   |                   |   |

## SERIAL NUMBER EXPLANATION

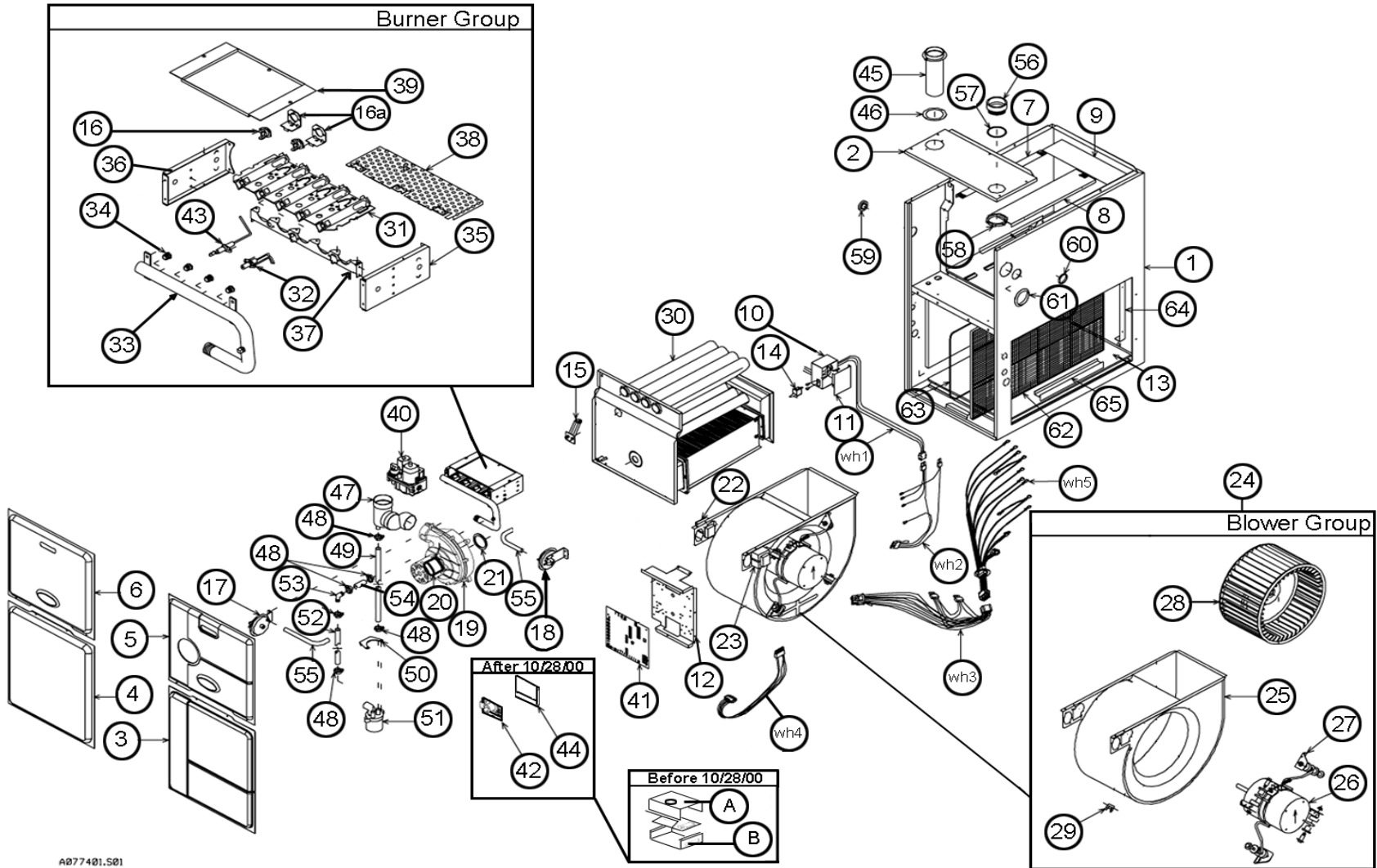
<b>E</b>	<b>R</b>	<b>5</b>	<b>D</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>F</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>9</b>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)					

### Position

- (1) TYPE OF GAS CONTROL USED ON UNIT**  
ER = White Rodgers 36E27-201/Johnson Controls/Direct Spark Ignition
- (2) LIMIT CONTROL**  
1 = Watsco  
2 = T.O.D.
- (3) BLOWER**  
D = Direct Drive
- (4) HEATING ELEMENT**  
7 = Stainless Steel
- (5) SPECIAL AREA REQUIREMENT**  
0 = No Area Requirement
- (6) MOTOR HORSEPOWER**  
2 = 1/2 HP Motor  
7 = 3/4 HP Motor
- (7) PLANT**  
F = Fort Smith, AR
- (8) WEEK**
- (9) YEAR**
- (10) PRODUCTION NUMBER:**  
Starts with 00001 and runs through 99999, then starts with 00001.

# [ - ]GFD

## EXPLODED VIEW



NO.	MODEL HEATING CAPACITY INPUT	NOTE	[-]GFD 06	[-]GFD 07	[-]GFD 09	[-]GFD 10	[-]GFD 12
<b>PANELS &amp; SHEET METAL PARTS</b>							
1	JACKET		AS-61824-83	AS-61824-83	AS-61824-86	AS-61824-86	AS-61824-91
2	TOP PLATE		AS-61872-01	AS-61872-01	AS-61872-02	AS-61872-02	AS-61872-03
3	BLOWER/FILTER DOOR (R & U)		AS-61908-02	AS-61908-02	AS-61909-02	AS-61909-02	AS-61910-02
4	BLOWER/FILTER DOOR (W)		AS-61988-01	AS-61988-01	AS-61989-01	AS-61989-01	AS-61990-01
5	BURNER COMPARTMENT DOOR (R & U)		AS-61978-01	AS-61978-01	AS-61979-01	AS-61979-01	AS-61980-01
6	BURNER COMPARTMENT DOOR (W)		AS-61991-01	AS-61991-01	AS-61992-01	AS-61992-01	AS-61993-01
7	BAFFLE		AE-61875-01	AE-61875-01	AE-61875-01	AE-61875-01	AE-61875-01
8	BAFFLE		AE-61875-02	AE-61875-02	AE-61875-02	AE-61875-02	AE-61875-02
9	REAR BAFFLE		AE-61878-01	AE-61878-01	AE-61878-02	AE-61878-02	AE-61878-03
10	JUNCTION BOX		AE-61475-02	AE-61475-02	AE-61475-02	AE-61475-02	AE-61475-02
11	JUNCTION BOX COVER		AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02
12	CONTROL MOUNTING PLATE		AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01
13	SOLID BOTTOM		AE-61874-02	AE-61874-02	AE-61874-03	AE-61874-03	AE-61874-04
<b>ELECTRIC GROUP</b>							
14	DOOR SWITCH - PUSH BUTTON		42-22692-05	42-22692-05	42-22692-05	42-22692-05	42-22692-05
15	LIMIT CONTROL		47-25350-01	47-25350-01	47-25350-07	47-25350-07	47-25350-01
16	OVERTEMP SWITCH		47-22861-01	47-22861-01	47-22861-01	47-22861-01	47-22861-01
16a	OVERTEMP SWITCH BRACKET		AE-61913-02	AE-61913-02	AE-61913-02	AE-61913-02	AE-61913-02
17	PRESSURE SWITCH		42-24387-05	42-24387-01	42-24387-05	42-24387-09	42-24387-03
18	PRESSURE SWITCH		42-24387-02	42-24387-02	42-24387-02	42-24387-10	42-24387-02
19	INDUCED DRAFT BLOWER		70-24206-01	70-24206-01	70-24206-01	70-24206-01	70-24206-01
20	CAPACITOR for I.D.B.		43-20847-44	43-20847-44	43-20847-44	43-20847-44	43-20847-44
21	IDB GASKET		68-24016-01	68-24016-01	68-24016-01	68-24016-01	68-24016-01
22	TRANSFORMER (prior 11/21/98)		46-22863-02	46-22863-02	46-22863-02	46-22863-02	46-22863-02
	TRANSFORMER w/fuse (after 11/21/98)		46-22863-04	46-22863-04	46-22863-04	46-22863-04	46-22863-04
np	TRANSFORMER FUSE (prior 11/21/98)		46-22863-82	46-22863-82	46-22863-82	46-22863-82	46-22863-82
np	TRANSFORMER FUSE (after 11/21/98)		46-22863-84	46-22863-84	46-22863-84	46-22863-84	46-22863-84
23	POWER FACTOR CHOKE		46-24256-02	46-24256-02	46-24256-02	46-24256-02	46-24256-02
np	THERMISTOR DUCT MOUNT		47-24225-01	47-24225-01	47-24225-01	47-24225-01	47-24225-01
<b>BLOWER GROUP</b>							
24	BLOWER ASSEMBLY		AS-61697-68	AS-61697-68	AS-61697-69	AS-61697-69	AS-61697-71
25	HOUSING		AS-61674-13	AS-61674-13	AS-61674-23	AS-61674-23	AS-61674-12
26	ECM MOTOR		51-24374-01	51-24374-01	51-24376-03	51-24376-03	51-24376-01
np	ECM MODULE		51-24382-81	51-24382-81	51-24383-83	51-24383-83	51-24383-81
27	ECM MOTOR MOUNT		70-24104-02	70-24104-02	70-24104-02	70-24104-02	70-24104-02
np	MOTOR MOUNT BRACKET (4)		AE-61956-01	AE-61956-01	AE-61956-01	AE-61956-01	AE-61956-01
28	WHEEL		70-24254-02	70-24254-02	70-23112-01	70-23112-01	70-24255-01
29	THERMISTOR -RETURN AIR SENSOR		47-24253-01	47-24253-01	47-24253-01	47-24253-01	47-24253-01

NO.	MODEL HEATING CAPACITY INPUT	[-]GFD 06	[-]GFD 07	[-]GFD 09	[-]GFD 10	[-]GFD 12
<b>HEAT EXCHANGER GROUP</b>						
30	HEAT EXCHANGER w/Coil	AS-61987-02	AS-61987-03	AS-61987-04	AS-61987-06	AS-61987-07
<b>BURNER GROUP      DATE CODE: <u>Prior 5/27/00</u></b>						
31	BURNER	75-24001-01 (4)	75-24001-01 (5)	75-24001-01 (6)	75-24001-01 (7)	75-24001-01 (8)
32	DIRECT SPARK IGNITOR	62-24271-01	62-24271-01	62-24271-01	62-24271-01	62-24271-01
np	LIMIT CONTROL (Exposed)	47-22861-01	47-22861-01	47-22861-01	47-22861-01	47-22861-01
33	MANIFOLD LESS ORIFICES	AS-61815-02	AS-61815-03	AS-61815-04	AS-61815-05	AS-61815-06
34	NATURAL BURNER ORIFICE:					
	U.S. Models 0-8000' & Canadian Models 0-2000' Elevation	62-22175-50	62-22175-50	62-22175-50	62-22175-50	62-22175-50
	U.S. Models 8000' + & Canadian Models 2000'-4500'	62-22175-51	62-22175-51	62-22175-51	62-22175-51	62-22175-51
35	BURNER SUPPORT BRACKET	AE-61808-01	AE-61808-01	AE-61808-01	AE-61808-01	AE-61808-01
36	BURNER SUPPORT BRACKET	AE-61808-02	AE-61808-02	AE-61808-02	AE-61808-02	AE-61808-02
37	BURNER SUPPORT	AE-61765-02	AE-61765-03	AE-61765-04	AE-61765-05	AE-61765-06
38	BURNER DIFFUSER	AE-61766-02	AE-61766-03	AE-61766-04	AE-61766-05	AE-61766-06
39	BURNER SHIELD	AE-61807-02	AE-61807-03	AE-61807-04	AE-61807-05	AE-61807-06
<b>BURNER GROUP      DATE CODE: <u>After 5/27/00</u></b>						
<b>WARNING: BURNER ASSEMBLIES PRODUCED AFTER 5/27/00 CANNOT BE SUBSTITUTED ON OLDER MODELS</b>						
31	BURNER HALVES ASSEMBLY	AS-61984-04	AS-61984-05	AS-61984-06	AS-61984-07	AS-61984-08
32	DIRECT SPARK IGNITOR	62-24141-04	62-24141-04	62-24141-04	62-24141-04	62-24141-04
np	DIRECT SPARK IGNITOR BRACKET (prior 2/2/02)	AE-61885-01	AE-61885-01	AE-61885-01	AE-61885-01	AE-61885-01
np	DIRECT SPARK IGNITOR BRACKET (after 2/2/02)	AE-61885-02	AE-61885-02	AE-61885-02	AE-61885-02	AE-61885-02
np	LIMIT CONTROL (Exposed)	47-22861-02	47-22861-02	47-22861-02	47-22861-02	47-22861-02
33	MANIFOLD LESS ORIFICES	AS-61815-18	AS-61815-19	AS-61815-20	AS-61815-21	AS-61815-22
34	NATURAL BURNER ORIFICE:					
	U.S. Models 0-8000' & Canadian Models 0-2000' Elevation	62-22175-50	62-22175-50	62-22175-50	62-22175-50	62-22175-50
	U.S. Models 8000' + & Canadian Models 2000'-4500'	62-22175-51	62-22175-51	62-22175-51	62-22175-51	62-22175-51
35	BURNER SUPPORT BRACKET	AE-61808-01	AE-61808-01	AE-61808-01	AE-61808-01	AE-61808-01
37	BURNER SUPPORT	AE-61809-12	AE-61809-13	AE-61809-14	AE-61809-15	AE-61809-16
38	BURNER DIFFUSER	AE-61882-11	AE-61882-07	AE-61882-08	AE-61882-09	AE-61882-10
39	BURNER SHIELD	AE-61807-02	AE-61807-03	AE-61807-04	AE-61807-05	AE-61807-06
<b>GAS CONTROLS      SERIAL CODE <u>ER</u></b>						
40	GAS VALVE-White Rodgers	60-24215-03	60-24215-03	60-24215-03	60-24215-03	60-24215-03
41	INTEGRATED FURNACE CONTROL	62-24306-05	62-24306-05	62-24306-05	62-24306-05	62-24306-05
42	INTEGRATED IGNITION CONTROL	62-24307-01	62-24307-01	62-24307-01	62-24307-01	62-24307-01
np	LP CONVERSION KIT - U.S.	FP-07	FP-07	FP-07	FP-07	FP-07
np	LP CONVERSION KIT - Canadian (0-4500 ft)	FP-08	FP-08	FP-08	FP-08	FP-08
<b>GAS CONTROLS      SERIAL CODE <u>FH</u></b>						
40	GAS VALVE-White Rodgers	60-24215-03	60-24215-03	60-24215-03	60-24215-03	60-24215-03
41	INTEGRATED FURNACE CONTROL	62-24306-05	62-24306-05	62-24306-05	62-24306-05	62-24306-05
42	INTEGRATED IGNITION CONTROL	62-24307-01	62-24307-01	62-24307-01	62-24307-01	62-24307-01
np	LP CONVERSION KIT - U.S.	FP-07	FP-07	FP-07	FP-07	FP-07
np	LP CONVERSION KIT - Canadian (0-4500 ft)	FP-08	FP-08	FP-08	FP-08	FP-08
<b>GAS CONTROLS      SERIAL CODE <u>FK</u></b>						
40	GAS VALVE-White Rodgers	60-24215-03	60-24215-03	60-24215-03	60-24215-03	60-24215-03
41	INTEGRATED FURNACE CONTROL	62-24174-01	62-24174-01	62-24174-01	62-24174-01	62-24174-01
42	INTEGRATED IGNITION CONTROL	62-24181-01	62-24181-01	62-24181-01	62-24181-01	62-24181-01
np	LP CONVERSION KIT - U.S.	FP-07	FP-07	FP-07	FP-07	FP-07
np	LP CONVERSION KIT - Canadian (0-4500 ft)	FP-08	FP-08	FP-08	FP-08	FP-08

NO.	MODEL HEATING CAPACITY INPUT	[-]GFD 06	[-]GFD 07	[-]GFD 09	[-]GFD 10	[-]GFD 12
<b>MISCELLANEOUS GAS CONTROL GROUP</b>						
43	FLAME SENSOR	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01
44	IGNITOR CONTROL BRACKET (after 10-28-00)	AE-67903-02	AE-67903-02	AE-67903-02	AE-67903-02	AE-67903-02
A	IGNITOR CONTROL BRACKET TOP (prior 10-28-00)	AE-59313-01	AE-59313-01	AE-59313-01	AE-59313-01	AE-59313-01
B	IGNITOR CONTROL BRACKET BOTTOM (prior 10-28-00)	AE-59097-01	AE-59097-01	AE-59097-01	AE-59097-01	AE-59097-01
<b>MISCELLANEOUS GROUP</b>						
45	OUTLET AIR PIPE	68-24021-01	68-24021-01	68-24021-01	68-24021-01	68-24021-01
46	OUTLET AIR PIPE GASKET	68-24022-02	68-24022-02	68-24022-02	68-24022-02	68-24022-02
47	CONNECTOR/TRANSITION	68-24047-07	68-24047-07	68-24047-08	68-24047-08	68-24047-09
48	HOSE CLAMPS	64-22043-02	64-22043-02	64-22043-02	64-22043-02	64-22043-02
49	TUBING - SANTOPRENE (31.5")	79-25353-82	79-25353-82	79-25353-82	79-25353-82	79-25353-82
np	GROMMET (5/8" ID)	56-22521-03	56-22521-03	56-22521-03	56-22521-03	56-22521-03
50	WATER TRAP MOUNTING BRACKET	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01
51	TRAP/ELBOW	68-24048-01	68-24048-01	68-24048-01	68-24048-01	68-24048-01
52	TUBING - SANTOPRENE (26")	79-25353-82	79-25353-82	79-25353-82	79-25353-82	79-25353-82
53	ELBOW	68-24013-01	68-24013-01	68-24013-01	68-24013-01	68-24013-01
54	TUBING - SANTOPRENE (3.25")	79-25353-81	79-25353-81	79-25353-81	79-25353-81	79-25353-81
55	SILICONE TUBING	79-21491-83	79-21491-83	79-21491-83	79-21491-83	79-21491-83
np	PARTS BAG	AS-21820-12	AS-21820-12	AS-21820-12	AS-21820-12	AS-21820-13
56	ADAPTER	68-24028-01	68-24028-01	68-24028-01	68-24028-01	68-24028-01
57	"O" RING GASKET	68-24032-01	68-24032-01	68-24032-01	68-24032-01	68-24032-01
58	LOCKNUT	64-24031-01	64-24031-01	64-24031-01	64-24031-01	64-24031-01
59	VINYL GROMMET	56-22114-06	56-22114-06	56-22114-06	56-22114-06	56-22114-06
60	BUTTON PLUG	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02
61	BUTTON PLUG	45-22980-03	45-22980-03	45-22980-03	45-22980-03	45-22980-03
62	FILTER-PLASTIC	54-24094-01	54-24094-01	54-24094-02	54-24094-02	54-24094-03
63	FILTER RETAINER ROD	45-24095-01	45-24095-01	45-24095-01	45-24095-01	45-24095-01
64	FILTER ROD SUPPORT ANGLE	AE-60520-01	AE-60520-01	AE-60520-01	AE-60520-01	AE-60520-01
65	FILTER SUPPORT ANGLE	AE-61883-01	AE-61883-01	AE-61883-01	AE-61883-01	AE-61883-01
wh1	WIRE HARNESS (prior 8-30-97)	AS-61705-03	AS-61705-03	AS-61705-03	AS-61705-03	AS-61705-03
	WIRE HARNESS (prior 10-28-00)	AS-61998-21	AS-61998-21	AS-61998-21	AS-61998-21	AS-61998-21
	WIRE HARNESS (after 10-28-00)	AS-61998-33	AS-61998-33	AS-61998-33	AS-61998-33	AS-61998-33
wh2	WIRE HARNESS (prior 10-28-00)	AS-61997-22	AS-61997-22	AS-61997-22	AS-61997-22	AS-61997-22
	WIRE HARNESS (after 10-28-00)	AS-61997-47	AS-61997-47	AS-61997-47	AS-61997-47	AS-61997-47
wh3	WIRE HARNESS (prior 10-28-00)	AS-61997-23	AS-61997-23	AS-61997-23	AS-61997-23	AS-61997-23
	WIRE HARNESS (after 10-28-00)	AS-61997-48	AS-61997-48	AS-61997-48	AS-61997-48	AS-61997-48
wh4	WIRE HARNESS (ecm motor)	45-24258-07	45-24258-07	45-24258-07	45-24258-07	45-24258-07
wh5	WIRE HARNESS ASSEMBLY (prior 8-30-97)	45-24089-03	45-24089-03	45-24089-03	45-24089-03	45-24089-03
	WIRE HARNESS ASSEMBLY (prior 10-28-00)	45-24089-06	45-24089-06	45-24089-06	45-24089-06	45-24089-06
	WIRE HARNESS ASSEMBLY (prior 4-27-02)	45-24090-07	45-24090-07	45-24090-07	45-24090-07	45-24090-07
	TWIST LOCK WIRE HARNESS (after 4-27-02)	45-24393-05	45-24393-05	45-24393-05	45-24393-05	45-24393-05

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