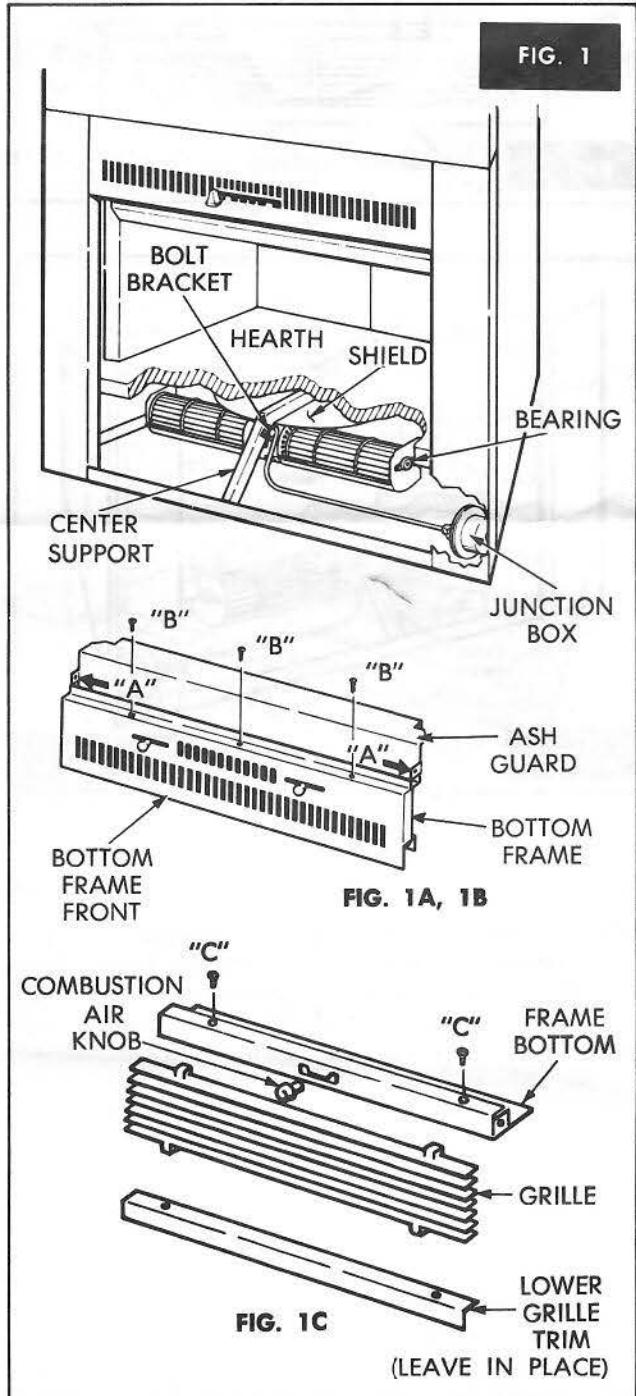


BK190-2, 42-8494 INSTALLATION INSTRUCTIONS FIREPLACE BLOWER

This blower may be used on any fireplace which is marked "May use listed Blower Kit No. BK190" or "42-8494." There is a junction box with a grounded receptacle in the lower right hand side behind the bottom frame.

This receptacle in the junction box must be wired to the speed switch provided, which must be mounted in a wall box and then wired to a continuous source of 120V 60 Hz. electrical power. The box and wiring must be done when the fireplace is installed. Refer to the wiring diagram and instructions on rear of this page.



INSTRUCTIONS TO INSTALL BLOWER IN MODELS BI28B, BI36B, BI42B, BI42B-L/R, BI28CEM, BI36CEM, BI42CEM, BI36SEM, 155.8451+, 155.8452+, 155.8472+, 155.8477+, 155.8478+, 155.8486+, 155.8488+, 155.8498+, (+ - Complete model number has two suffix numbers) DL36, DL36OA, DL36OA4, BI28D, BI42D-L/R, BI36D, BI42D, BI28DEM, BI36DEM, PB36D, DW36, DW36MH, DL36OA5

INSTALLATION

1. For models other than BI36SEM, DL36OA5 and 155.8498. Check Bottom Frame to see if two screws ("A") are holding complete frame in place or if there are 3 or 4 screws ("B") holding front of frame to ash guard.
 - A. If fireplace only has 2 ("A") screws, any glass door (including hinge shields must be removed). **NOTE: Mark position of hinge shields before removing for ease in reassembling. Also mark left or right side.** Remove knob(s) for combustion air control and the two "A" screws (See Fig. 1A). Lift bottom frame up and forward to remove.
 - B. For BI28DEM and BI36DEM models the combustion air knob in bottom frame must be removed.
 - C. If fireplace has 3 or 4 "B" screws, the glass doors MAY or MAY NOT have to be removed. If the bottom pin hinge is screwed to bottom frame the doors MUST be removed. Simply remove them and lift front of bottom frame (grille) forward and up to remove.
2. For Models BI36SEM, DL36OA5 and 155.8498
 - A. Remove air damper knob, frame bottom (2 screws) ("C"), and grille (See Fig. 1C).
3. Place assembled blower in position as shown in Fig. 1 Attach it through bolt bracket to center support with screw provided. (28" fireplace has no center support.)
4. Plug in 3 prong blower plug into junction box at right side.
5. Replace bottom frame in position. Secure with screws. Replace glass door and combustion air knob.



INSTRUCTIONS FOR MODEL BI41SEM

1. Open Glass doors.
2. Remove 2 screws (A) located in door track. (Fig. 2)
3. Remove 2 screws (B) located behind door track. (Fig. 2)
4. Remove air control knob (Fig. 2).
5. Pull top of bottom panel out until it clears lever and then lift up and away from fireplace.
6. Place blower in position as shown in (Fig. 4). Attach it through the bolt bracket to the center support with screw provided. (Fig. 3 & 4)
7. Locate electrical outlet behind the right frame at lower right corner of fireplace and insert electrical plug (Fig. 4).
8. Replace bottom panel. Guide lever through slot in center of bottom panel. Attach with four screws (A) (B). Attach air control knob.

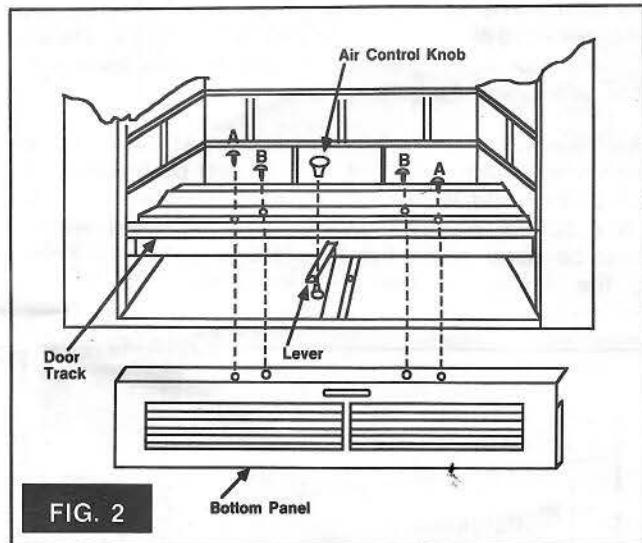


FIG. 2

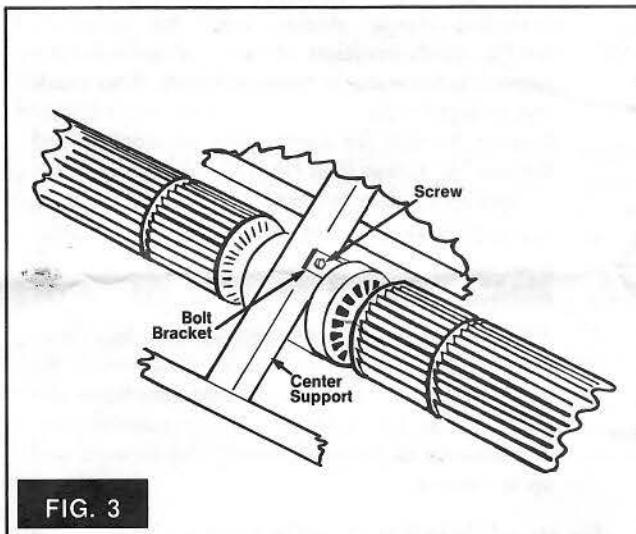


FIG. 3

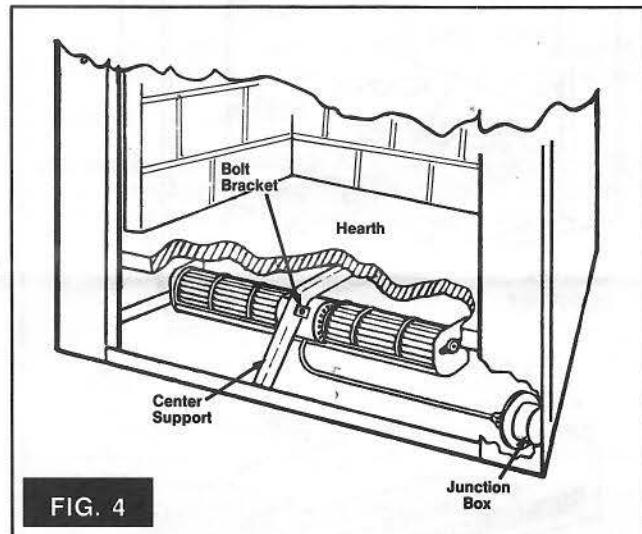
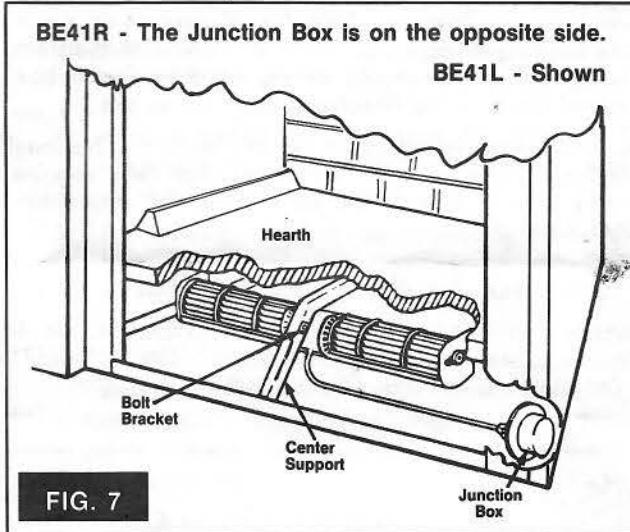
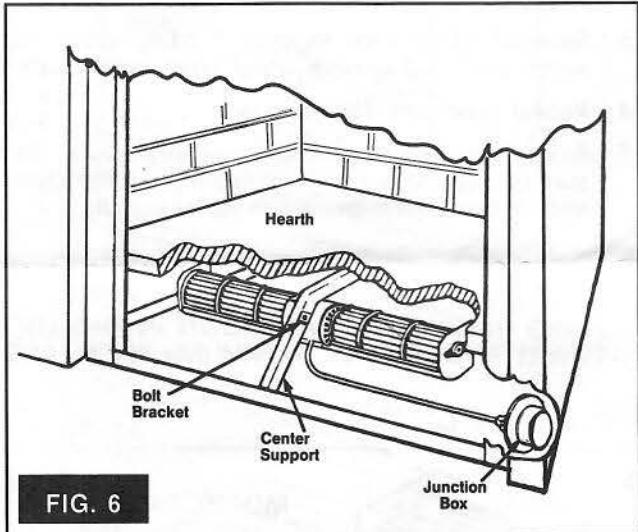
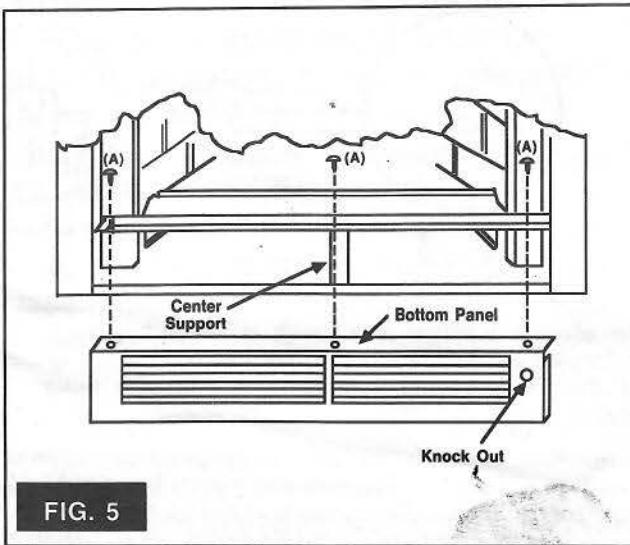


FIG. 4

INSTRUCTIONS FOR MODELS

BE41, BE41MH, BE41I, BE41MHI, BE48, PB48, BE41R, BE41L

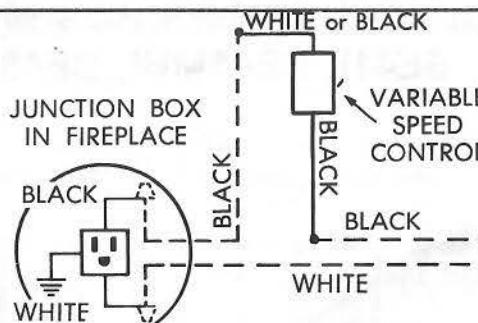
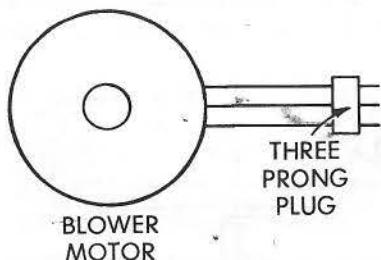
1. Remove glass doors. (See instructions provided with fireplace and glass doors.)
2. Remove bottom panel. Remove three screws (A). Tip top of panel out and lift up and away from fireplace. (Fig. 5)
3. Place blower in position as shown in (Fig. 6). Attach it through the bolt bracket to the center support with screw provided.
4. Locate electrical outlet behind the right frame at lower right corner of fireplace and insert electrical plug. (Fig. 6)
5. Replace bottom panel and secure with three screws (A).
6. Replace glass doors.
7. See (Fig. 7) for models BE41R and BE41L.



OPERATION

To put the blower in "HIGH" position, turn the solid state speed control switch knob clockwise from "OFF". Further turning of the knob (clockwise) will slow the blower down. To turn "OFF", turn knob counterclockwise until it "clicks."

WIRING DIAGRAM



NOTE: Speed Control may have White and Black leads. Both leads must be connected into Black (or Colored) wires only. Refer to diagram.

120V 60HZ
15A FUSE
OR CIRCUIT
BREAKER

— FACTORY SUPPLIED

— HOUSE WIRING,
NOT SUPPLIED

An electric junction box (with grounded receptacle) is located at the lower right, behind the bottom grille of the fireplace. This is for use with the optional blowers only.

Turn off all electricity before wiring speed control into circuit to receptacle. The receptacle must be wired into an electrical circuit during the framing of the fireplace. A U.L. recognized AC ON-OFF solid state variable speed control rated 2.5 Amp. 125 VAC minimum is supplied for use in the circuit. The fireplace junction box has a $\frac{7}{8}$ " diameter hole for connection of a conduit bushing if required. Refer to the wiring diagram. The speed control should be mounted in a wall box, located close to the fireplace.

Installation of wiring must comply with the National Electrical Code and all local codes and their requirements. The wiring should be installed by a qualified person.

MAINTENANCE

Turn off all electricity and remove blower from fireplace. Clean blower once a year. Oil motor and end bearings with a few drops of SAE 20 motor oil.

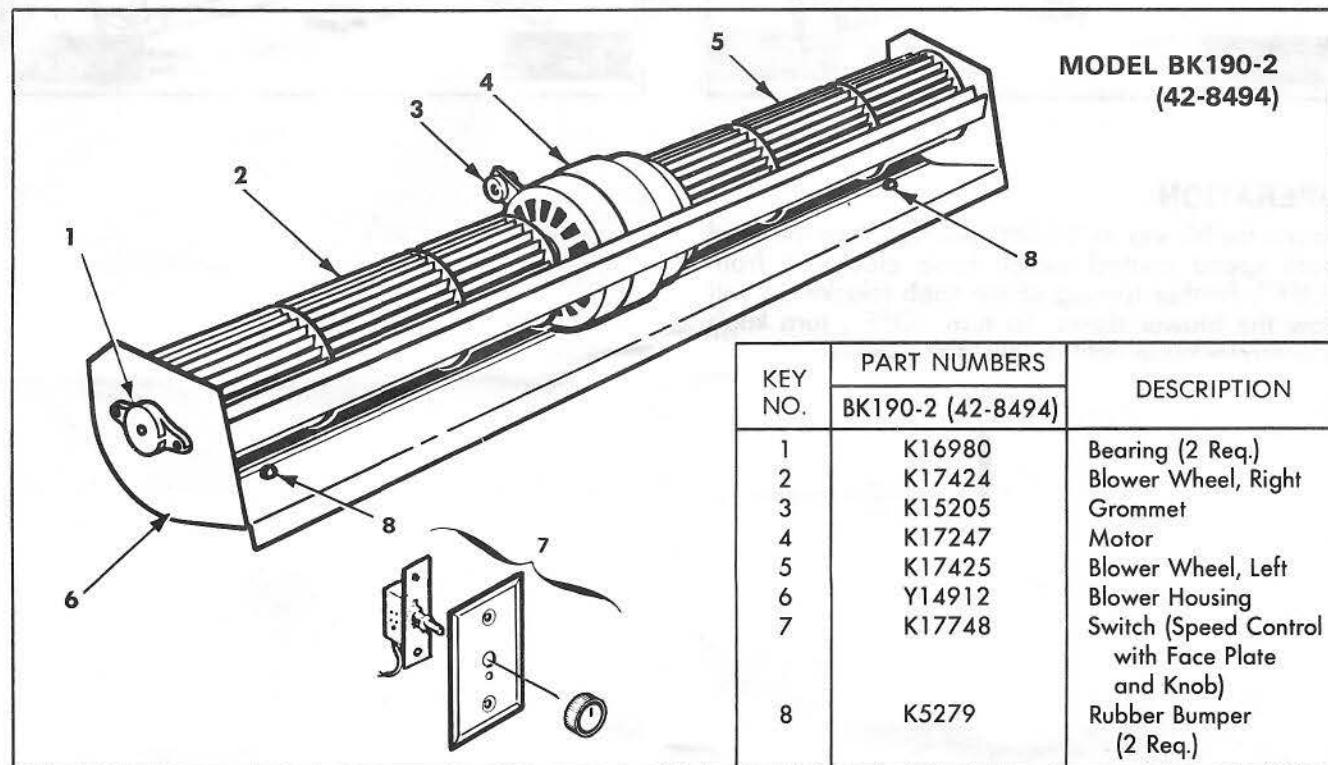
TO REMOVE BLOWER WHEEL:

1. Remove screw holding motor in housing.
2. Tilt motor and wheel until wheel is clear of housing.
3. Squeeze clamp ends together holding wheel to motor shaft and remove wheel from motor shaft.
4. Repeat procedure for other wheel.
5. To replace, reverse blower wheel procedure. Be sure rubber end is tightly clamped on motor shaft and wheels clear bearing and motor equally.

How To Order Repair Parts . . .

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION, AS SHOWN IN THIS LIST. SELLING PRICES WILL BE FURNISHED ON REQUEST OR PARTS WILL BE SHIPPED AT PREVAILING PRICES AND YOU WILL BE BILLED ACCORDINGLY.

1. THE PART NUMBER 2. THE PART NAME 3. THE NAME OF ITEM



KEY NO.	PART NUMBERS		DESCRIPTION
	BK190-2 (42-8494)		
1	K16980		Bearing (2 Req.)
2	K17424		Blower Wheel, Right
3	K15205		Grommet
4	K17247		Motor
5	K17425		Blower Wheel, Left
6	Y14912		Blower Housing
7	K17748		Switch (Speed Control with Face Plate and Knob)
8	K5279		Rubber Bumper (2 Req.)