

Fenwal F-35-60 30 SEC DSI (RE) Retrofit Kits 5233-07 & 5233-08

CAUTION: Read and understand this service bulletin thoroughly before starting. Only a trained, experienced service technician should attempt this service procedure.

Kit Includes:

Part #	Description	Qty
8429-05	F-35-60 Direct Spark Ignition Controller 30 sec.	1
or 8429-06	F-35-60 Direct Spark Ignition Controller 30 sec. PP, 4 sec. Trial	1
8457-47	Strain Relief Bushing	1
8504-71	Spark Wire Cable	1
8504-72	Sense Wire Add-on Cable	1
Hardware #8-18 x 1/2" Slotted Hex Washer Head Screw		2

Instructions:

1. Turn off equipment power.
2. Turn off gas supply to burner.
3. Locate Honeywell (Resideo) Direct Spark Ignition Controller. Detach all wires from controller. Do not detach these wires from their other connections.
4. Unscrew (4) screws from Honeywell controller, remove controller, and discard.
5. Install new Fenwal controller such that "FENWAL" is on the right side and the high voltage terminal is on the left side. Align top left hole of Fenwal controller with hole that was used by the previous controller and use provided 8-18 X 1/2" screws to secure.
6. Remove cartridge from burner housing by unscrewing 1/4-20 screws from backplate weldment and pull the cartridge out. Do not discard these screws! Note: If needed, first detach valve train at union.

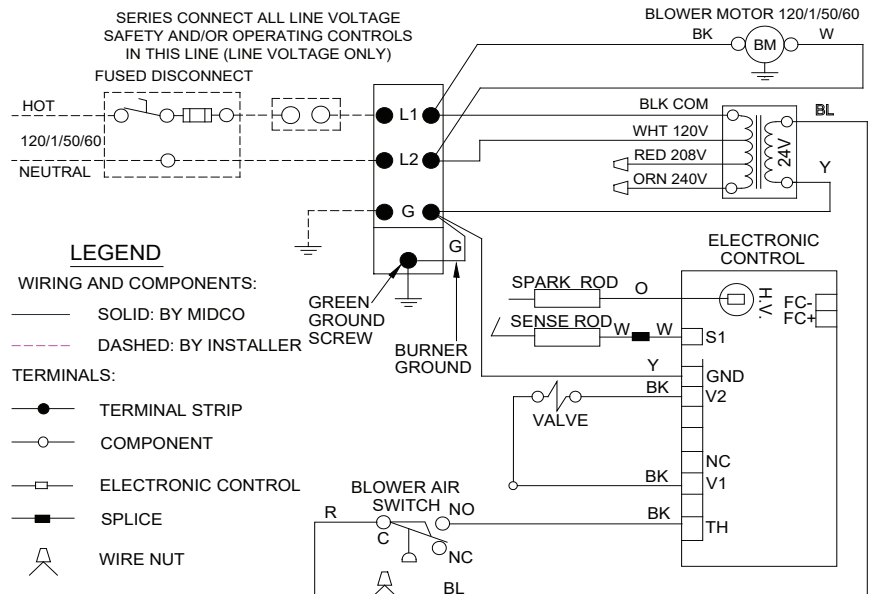


Figure 1: RE 4400DS Wiring (5232-12)

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AVOID ERROR IN PARTS SELECTION. When ordering use complete MIDCO Part Number and Description. Furnish Burner Model Number, Bill of Material Number and Serial Number (if available) from the specification plate found on the product.

IMPORTANT: Availability of parts as well as specifications are subject to change without notice. Please consult factory for item availability.

SAFETY INFORMATION TERMS: The following terms are used to identify hazards, safety precaution of special notations and have standard meanings throughout this manual. They are printed in all capital letters using a bold type face as shown below, and preceded by the exclamation mark symbol. When you see the safety alert symbol and one of the safety information terms as shown below, be aware of the hazard potential.



- DANGER:** Identifies the most serious hazards which will result in severe personal injury or death.
- WARNING:** Signifies a hazard that could result in personal injury or death.
- CAUTION:** Identifies unsafe practices which would result in minor personal injury or product and property damage.



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