

LGB Boiler

Jacket Instructions

STANDARD CARTON INCLUDES:

Front Right Side Panel
Back Right Side Panel
Front Left Side Panel
Back Left Side Panel
Support Brackets
Rear Stiffener and Fillers
Screws, 10 x 1/2 (Mounting Brackets)
Screws, 10-32 x 1/2 (Jacket)

413-300-002 thru -011 CARTONS

INCLUDES:

Crosstie
Doors
Top Panel
Back Panel
Interior Panel
Interior Panel Brackets
Hex Nuts, 5/8-11

SPLICE CARTON INCLUDES:

Front Splice
Top Splice
Top Back Splice
Bottom Back Splice
Interior Panel Splice
Front Splice Bracket
Back Splice Bracket
Screws, 10 x 1/2 (Mounting Brackets)
Screws, 10-32 x 1/2 (Jacket)

A. Before installing jacket

- Follow the instructions in this section to install all jacket panels.
 - Boiler hydrostatically pressure-tested. See pages 12 & 13.
- These parts must be on boiler:
 - Plugs for unused tappings installed. (See Control Tapping Tables, pages 12 & 13.
 - Cleanout plates. See page 14.
 - Horizontal collector hood installed. See page 15.
- These parts may be on boiler:
 - Supply and return piping installed. See pages 16 -20.
 - Gas control assembly
 - Compression tank piping
 - Pilot line tubing
- These parts must be off boiler:
 - Horizontal draft hood
 - Relief valves
 - Combination Pressure-Temperature gauge
 - Steam or water gauges
 - Limit control
 - Low water cutoff
 - Gauge glass cocks and gauge glass
 - Siphon
 - Tri-cocks (if used)
 - Drain cock
 - Gas supply piping
 - Control tray

⚠ WARNING The boiler contains ceramic fiber and fiberglass materials. Use care when handling these materials per instructions on **page 28** of this manual. Failure to comply could result in severe personal injury.

B. Remove required jacket knock-out discs.

(See Control Tapping Tables in boiler manual, pages 12 & 13.)

C. Remove required jacket parts from cartons

(Follow instructions below. Refer to Figures 1 & 2.)

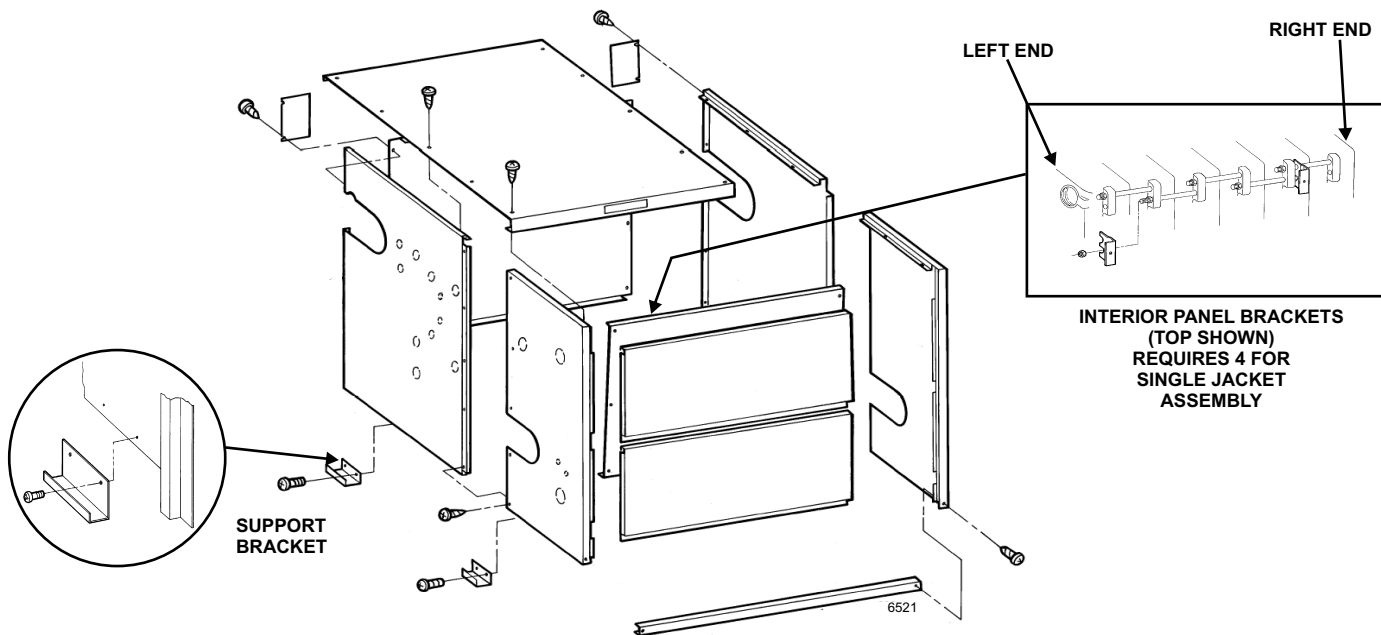
- Locate jacket cartons.
- Remove jacket parts from cartons as needed. Leave in cartons as long as possible to avoid damage.
- Refer to Jacket Arrangement Table.

- Attach interior panel brackets to top and bottom draw rods on front of boiler, as shown in Figure 1 or 2, page 2.
DO NOT loosen nuts on draw rods. Additional 5/8-11" nuts provided in kit. See drawing inset.
- Attach support brackets to sides of base and base back panel (when required).
- Install front interior panel, splice set (when used), sides, back, top, and crosstie.

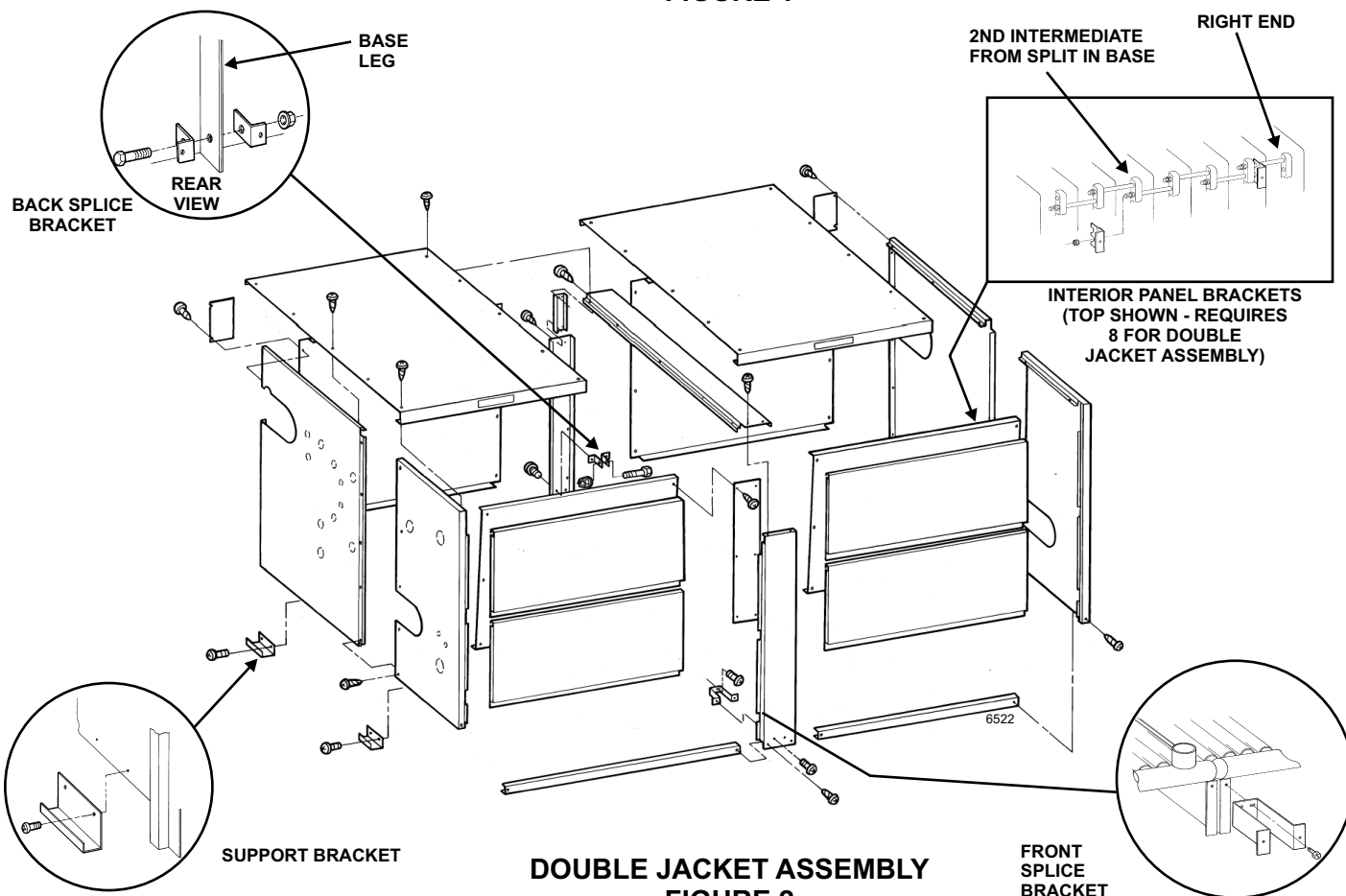
JACKET ARRANGEMENT TABLE

Boiler Size	Standard Carton 413-300-001	Additional Cartons	Splice Carton 413-300-009
4	1	(1) 413-300-010	—
5	1	(1) 413-300-011	—
6	1	(1) 413-300-002	—
7	1	(1) 413-300-003	—
8	1	(1) 413-300-004	—
9	1	(1) 413-300-005	—
10	1	(1) 413-300-006	—
11	1	(1) 413-300-007	—
12	1	(1) 413-300-008	—
13	1	(2) 413-300-002	1
14	1	(1) 413-300-003* (1) 413-300-002	1
15	1	(2) 413-300-003	1
16	1	(1) 413-300-004* (1) 413-300-003	1
17	1	(2) 413-300-004	1
18	1	(1) 413-300-005* (1) 413-300-004	1
19	1	(2) 413-300-005	1
20	1	(1) 413-300-006* (1) 413-300-005	1
21	1	(2) 413-300-006	1
22	1	(1) 413-300-007* (1) 413-300-006	1
23	1	(2) 413-300-007	1

* Left side of boiler (front view)



**SINGLE JACKET ASSEMBLY
FIGURE 1**



**DOUBLE JACKET ASSEMBLY
FIGURE 2**