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DESIGN SPECIALTIES

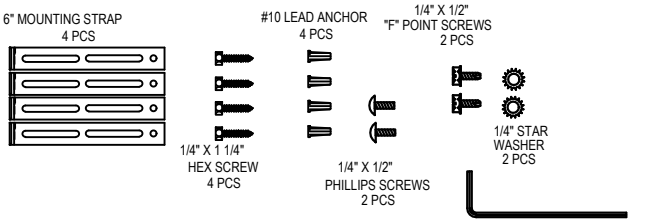
MOUNTING INSTRUCTIONS FOR DESIGN SPECIALTIES MULTI SIDED FIREPLACE DOORS

THESE FIREPLACE DOORS HAVE BEEN FULLY ASSEMBLED AND ADJUSTED PRIOR TO DISASSEMBLY AND PACKAGING.

THE BEST WAY TO ASSEMBLE AND INSTALL THESE FIREPLACE DOORS IS TO ASSEMBLE THE FIREPLACE ON THE FLOOR THEN WALK THE FIREPLACE DOOR ONTO THE OPENING.

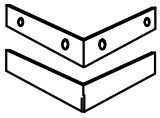
DESIGN SPECIALTIES

STANDARD HARDWARE, 1 KIT PER SIDE



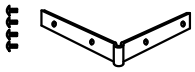
DESIGN SPECIALTIES

ADDITIONAL HARDWARE FOR MULTI SIDED UNITS



UPPER CORNER ATTACHMENT ANGLES
SET OF INSIDE (WITHOUT HOLES) AND
OUTER WITH ALLEN SET SCREWS INSTALLED
1 OR 2 SETS PER CORNER AS REQUIRED

FIREPLACE DOORS WITHOUT DRAFT ASSEMBLIES
WILL HAVE IDENTICAL SETS OF CORNER ATTACHMENT
ANGLES FOR THE BOTTOM CORNER



LOWER CORNER ATTACHMENT ANGLE WITH SCREWS
FOR FIREPLACE DOORS WITH DRAFT ASSEMBLIES

TOOLS REQUIRED:

5/16" MASONRY DRILL
3/32" ALLEN WRENCH
PHILLIPS SCREWDRIVER
7/16" WRENCH
ELECTRIC DRILL
7/32" (#8) DRILLBIT

NEEDED WHEN INSTALLING FIREPLACE DOORS WITHOUT USING LINTEL CLAMPS

PROCEDURE TO ASSEMBLE FIREPLACE DOOR:

1. REMOVE FIREPLACE DOOR COMPONENTS FROM THE PACKAGING AND LAY THEM FACE DOWN ON A PROTECTED SURFACE, BEING CAREFUL NOT TO SCRATCH OR OTHERWISE DAMAGE THE FIREPLACE DOORS.

2. LOCATE THE HARDWARE PACKAGE(S)
   FIND THE CORNER ANGLE PIECES AND REMOVE FROM THE REST OF THE MOUNTING HARDWARE.

3. MATCH CORNER PIECES AND SET THEM DOWN WITHIN REACH
   SET CONSISTS OF A CORNER ANGLE PIECE WITHOUT HOLES AND A MATCHING PIECE WITH 4 SCREWS.

4. STARTING WITH THE LARGEST SIDE, SLIDE THE CORNER ANGLE PIECES INTO THE RECEIVERS ON THE BACK SIDE OF THE FRAME. THE CORNER ANGLE PIECE WITHOUT HOLES WILL BE IN BACK OF THE PIECE WITH HOLES AS SHOWN IN FIG #1.

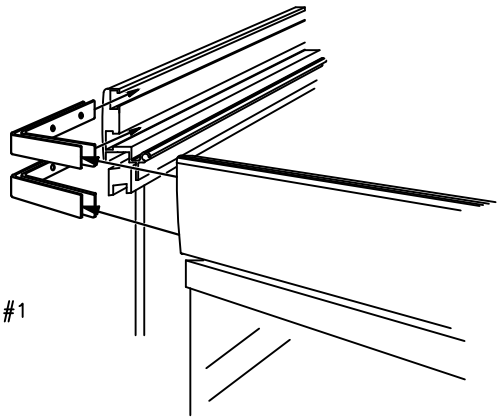
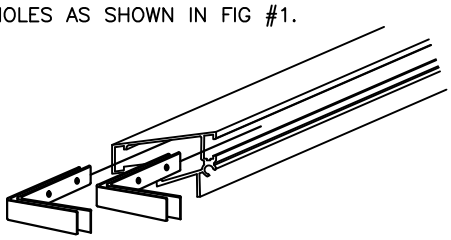


FIG. #1



STILETTO MODELS
FRONT KEYS SLIP FIT
BACK KEYS TIGHTEN MITER

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DESIGN SPECIALTIES

MOUNTING INSTRUCTIONS FOR DESIGN SPECIALTIES MULTI SIDED FIREPLACE DOORS

5. CAREFULLY STAND THE MAIN SIDE UP. (IT HELPS TO HAVE ANOTHER PERSON HELPING)

6. STAND UP SIDE 2 AND SLIDE THE TWO SIDES TOGETHER WITH THE CORNER ANGLE PIECES IN PLACE AS SHOWN IN ILLUSTRATION #1.

7. PULL THE MITERED EDGES TOGETHER TO MATCH AND SNUG THE SCREWS.

8. ON FIREPLACE DOORS WITHOUT DRAFT ASSEMBLIES, THE PROCEDURE TO JOIN THE BOTTOM CORNER IS THE SAME AS JOINING THE TOP CORNER.

9. ON FIREPLACE DOORS WITH DRAFT ASSEMBLIES, A CORNER ANGLE PIECE WITH 4 THREADED HOLES IS INSERTED INTO THE INSIDE SURFACE OF THE DRAFT ASSEMBLY.

10. 4 SCREWS ARE INSERTED FROM THE BACK OF THE DOOR, THROUGH THE DRAFT ASSEMBLY, AND INTO THE THREADED HOLES IN THE CORNER ANGLE PIECE.

11. SNUG THE SCREWS UP, PUSH THE CORNER TOGETHER AND TIGHTEN THE SCREWS. SEE ILLUSTRATION #2

12. REPEAT THIS PROCEDURE IF FIREPLACE DOOR HAS ADDITIONAL SIDES.

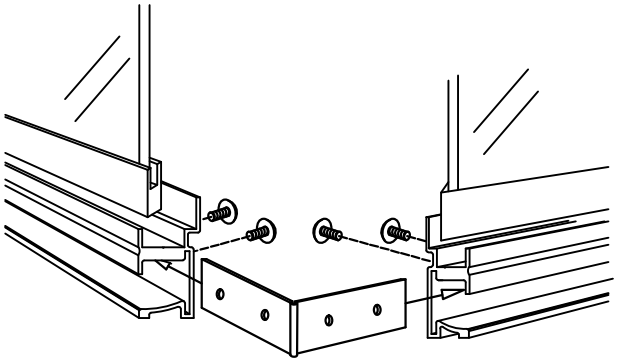

FIG. #2

PROCEDURE TO INSTALL FIREPLACE DOORS:

13. DETERMINE THE BEST PLACE INSIDE THE OPENING TO ATTACH THE FIREPLACE DOOR. WE RECOMMEND 2 ATTACHMENT POINTS ON EACH INSIDE WALL OF THE FIREPLACE, AND ADDITIONAL MOUNTING ON THE TOP AND BOTTOM WITHIN 8 INCHES OF THE CORNER. LINTEL CLAMPS ARE AVAILABLE TO AID IN ATTACHING THE FIREPLACE DOOR AT THE TOP.

14. USING A 5/16" MASONRY DRILL, DRILL HOLES 3" – 5" BACK INTO THE OPENING APROXIMATLY 6" DOWN FROM THE LINTEL, AND 6" UP FROM THE FIREBOX FLOOR.

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DESIGN SPECIALTIES

MOUNTING INSTRUCTIONS FOR DESIGN SPECIALTIES MULTI SIDED FIREPLACE DOORS

15. INSERT LEAD ANCHORS INTO HOLES. A SLIGHT TAP WILL SET THEM IN PLACE.
16. PRE–BEND THE MOUNTING STRAPS AS SHOWN IN FIG.#3, AND PLACE WITHIN REACH INSIDE THE OPENING. PLACE THE 1 1/4" LAG SCREWS INSIDE THE OPENING.

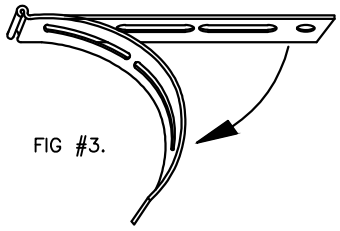

FIG #3.

PRE–BENDING STRAP AS SHOWN EASES INSTALLATION

PRE-BENDING STRAP AS SHOWN EASES INSTALLATION

17. PLACE FIREPLACE DOOR ONTO THE OPENING.
18. REMOVE PROTECTIVE TAPE AND ADDITIONAL PACKAGING FROM THE OPERATING SIDE OF THE FIREPLACE DOOR.
19. TAKE ONE OF THE MOUNTING STRAPS AND ALIGN IT TO THE DRILLED HOLE IN THE MASONRY. INSERT THE CUPPED END OF THE MOUNTING STRAP INTO THE "C" SLOT FEATURE AS SHOWN IN FIG #4.

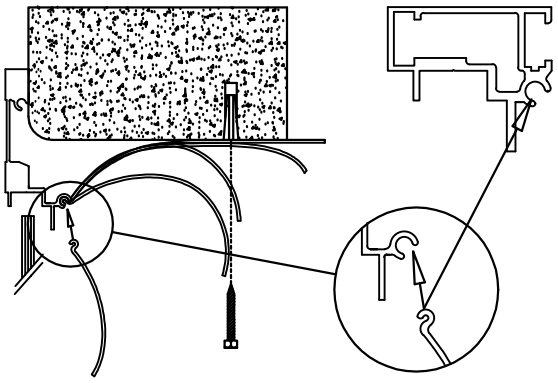

FIG. #4
SIDE VIEW

20. PUSH MOUNTING STRAP AGAINST THE SIDE OF THE OPENING AND INSERT 1 1/4" LAG SCREW INTO LEAD ANCHOR. TIGHTEN ANCHOR. REPEAT FOR THE OTHER MOUNTING STRAP ON THIS SIDE.
21. REPEAT THIS PROCEDURE FOR THE OTHER SIDE. IT IS ADVISEABLE TO DO ONE SIDE COMPLETE, THEN THE OTHER SIDE. THIS MAY PREVENT FIREPLACE DOOR FROM "RACKING"

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DESIGN SPECIALTIES

MOUNTING INSTRUCTIONS FOR DESIGN SPECIALTIES MULTI SIDED FIREPLACE DOORS

22. FOR MULTI SIDED FIREPLACE DOORS, ADDITIONAL MOUNTING IS RECOMENDED AT THE TOP AND BOTTOM NEAR THE CORNER.
23. WITH FIREPLACE DOORS ORDERED WITH BOTTOM DRAFT ASSEMBLIES, THREADED INSERTS ARE PROVIDED TO ATTACH MOUNTING STRAPS.
24. USING THE 5/16" MASONRY DRILL, DRILL A HOLE IN THE FIREBOX FLOOR 3" – 5" IN BACK BEHIND THREADED INSERT.
25. PLACE LEAD ANCHOR INTO HOLE. A LIGHT TAP WILL SET THE ANCHOR.
26. BEND THE MOUNTING STRAP TO FIT BEHIND THE THREADED MOUNTING HOLE IN THE BACK OF THE DRAFT AND REACH TO THE LEAD ANCHOR.
27. ATTACH THE MOUNTING STRAP TO THE THREADED INSERT WITH THE 1/4" SCREWS PROVIDED.
28. PLACE LAG SCREW THROUGH MOUNTING STRAP AND INTO LEAD ANCHOR. TIGHTEN.
29. FOR FIREPLACE DOORS WITHOUT BOTTOM DRAFT ASSEMBLIES, THERE IS NO THREADED INSERT TO ATTACH MOUNTING STRAP. THE MOUNTING STRAP IS ATTACHED TO THE BOTTOM FRAME IN THE SAME MANNER AS PREVIOUSLY REFERENCED IN STEP # 18.
30. TO MOUNT THE FIREPLACE DOOR AT THE TOP, THE MOUNTING STRAP NEEDS TO BE ATTACHED TO EITHER THE LINTEL OR MASONRY NEAR THE CORNER.
31. IF ATTACHMENT TO THE STEEL LINTEL IS NECESSARY, A LINTEL CLAMP CAN BE USED TO PROVIDE AN ATTACHMENT POINT FOR THE MOUNTING STRAP. SEE INSTRUCTIONS IN LINTEL CLAMP KIT. SEE FIG # 5
32. IF A LINTEL CLAMP IS NOT USED, DRILL A 7/32" (#7) HOLE 3" TO 5" BACK FROM THE BACK OF THE FIREPLACE DOOR.
33. PRE–BEND THE MOUNTING STRAP AS EXPLAINED IN STEP # 16.
34. ALIGN THE MOUNTING STRAP WITH THE DRILLED HOLE, INSERT THE CUPPED END OF THE MOUNTING STRAP INTO THE "C" SLOT FEATURE AS SHOWN IN FIG. #4.
35. USING ONE OF THE "F" POINT SCREWS, INSERT THE SCREW THROUGH MOUNTING STRAP AND TURN IT INTO THE DRILLED HOLE. THE "F" POINT SCREW WILL CUT IT'S OWN THREADS INTO THE STEEL LINTEL. A 1/4" X 20 TPI TAP MAY ALSO BE USED TO THREAD THE HOLE.

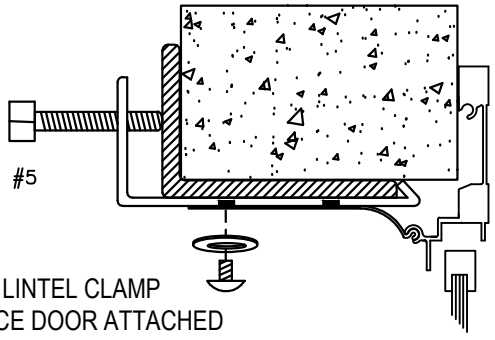


FIG #5

SIDE VIEW
OF INSTALLED LINTEL CLAMP
WITH FIREPLACE DOOR ATTACHED

MULTI – SIDED FIREPLACE DOOR ADJUSTMENTS

OUR FIREPLACE DOORS ARE FULLY ASSEMBLED AND ADJUSTED PRIOR TO LEAVING THE FACTORY. HOWEVER, THE GLASS DOORS MAY HAVE SHIFTED DURING SHIPMENT, REQUIRING AN ADJUSTMENT TO GET THE GLASS DOORS TO HANG PROPERLY.

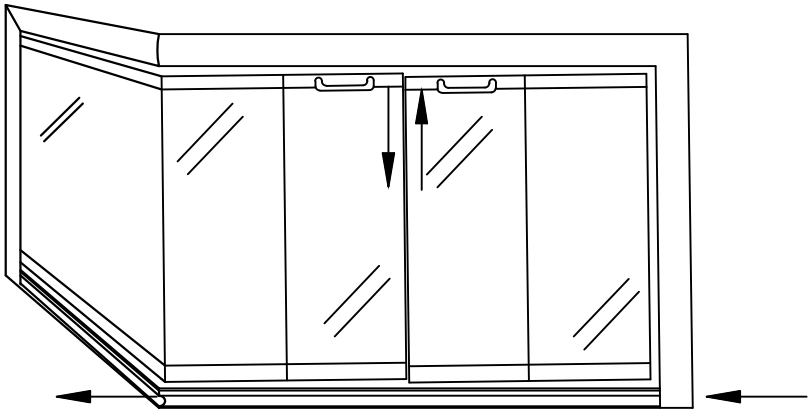


FIG #6

36. AFTER INSTALLING THE FIREPLACE DOOR, CHECK HOW DOORS OPERATE. CHECK THE GAPS AT THE CENTER AND BETWEEN THE GLASSDOORS AND THE FRAME. IF THE GAPS ARE THE SAME BUT THE TOPS ARE NOT IN ALIGNMENT, IT MAY BE NECESSARY TO MOVE THE BOTTOM FRAME OVER TO BRING THE TOPS OF THE GLASS DOORS INTO ALIGNMENT. LOOSEN THE MOUNTING STRAPS AND MOVE THE BOTTOM OVER SLIGHTLY UNTIL THE GLASS DOORS ARE IN ALIGNMENT. RETIGHTEN THE MOUNTING STRAP. SEE FIG. #6.

37. IF ONE DOOR STICKS OUT FROM THE OTHER ONE, YOU WILL NEED TO MOVE ONE OF THE CORNERS OF THE FRAME OUT SLIGHTLY. ON THE SIDE THAT THE GLASS DOORS ARE IN FROM THE OTHER DOOR, LOOSEN THE NEAREST MOUNTING STRAP AND PULL THE DOOR FORWARD UNTIL THE DOORS ARE IN ALIGNMENT. RETIGHTEN MOUNTING STRAP. SEE FIG #7

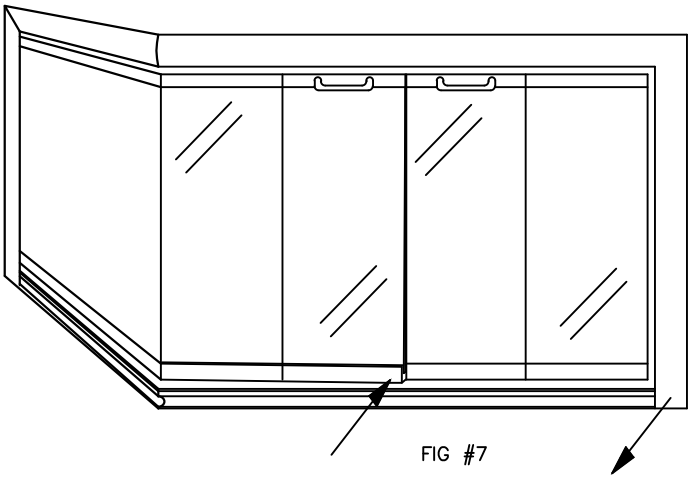


FIG #7

MULTI – SIDED FIREPLACE
DOOR ADJUSTMENTS

38. IF THE GAP BETWEEN THE GLASS AT THE CENTER IS DIFFERENT TOP TO BOTTOM, YOU WILL NEED TO ADJUST THE HINGES. THE GAP SHOULD BE APROXIMATELY 1/16" BETWEEN THE GLASS DOORS AT THE CENTER (1/8" FOR DOORS FOR FACTORY BUILT FIREPLACES). DETERMINE WHICH HINGE IS OUT OF ALIGNMENT. USING A PHILLIPS SCREWDRIVER, LOOSEN THE SCREW THAT HOLDS THE HINGE TO THE FRAME, AND SLIDE THE HINGE OVER SLIGHTLY AND RETIGHTEN. CHECK THE DOOR OPERATION, AND REPEAT THIS PROCEDURE IF NECESSARY. SEE FIG#8.

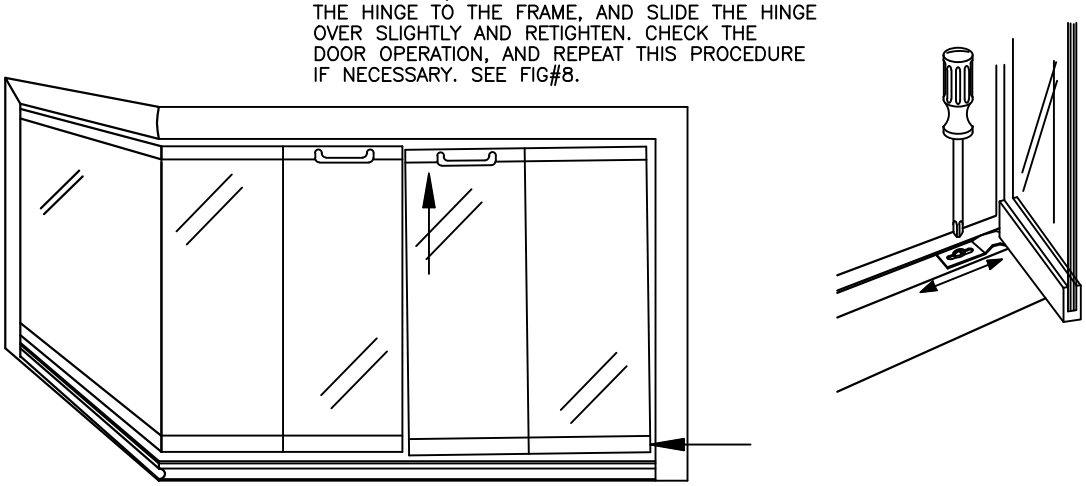


FIG #8

39. AFTER OPERATING DOORS ARE ADJUSTED, IT MAY BE NECESSARY TO ADJUST THE GLASS TO GLASS CORNER TO MEET CORRECTLY.
LOOSEN THE NUT BEHIND THE SCREW HEAD, THEN TURN BOTH NUTS EITHER CLOCKWISE TO BRING THE FIXED GLASS PANEL IN, OR COUNTERCLOCKWISE TO PUSH THE FIXED GLASS PANEL OUT UNTIL IT MEETS THE OPERATING GLASS PANEL.
RETIGHTEN THE NUT BEHIND THE SCREW HEAD. SEE FIG #9

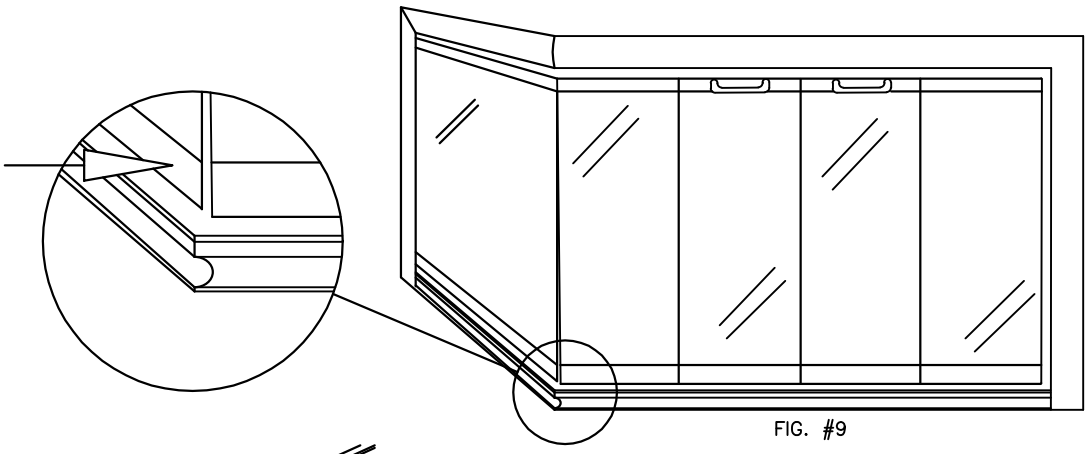
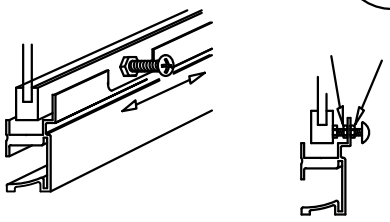


FIG. #9



LOOSEN, THEN TURN BOTH COUNTERCLOCKWISE TO MOVE GLASS OUT, CLOCKWISE TO DRAW GLASS IN, THEN TIGHTEN OUTER NUT.