HINGED DOOR SYSTEMS

DESIGNED FOR 4-POST SHELVING SYSTEMS.

INSTALLATION INSTRUCTIONS

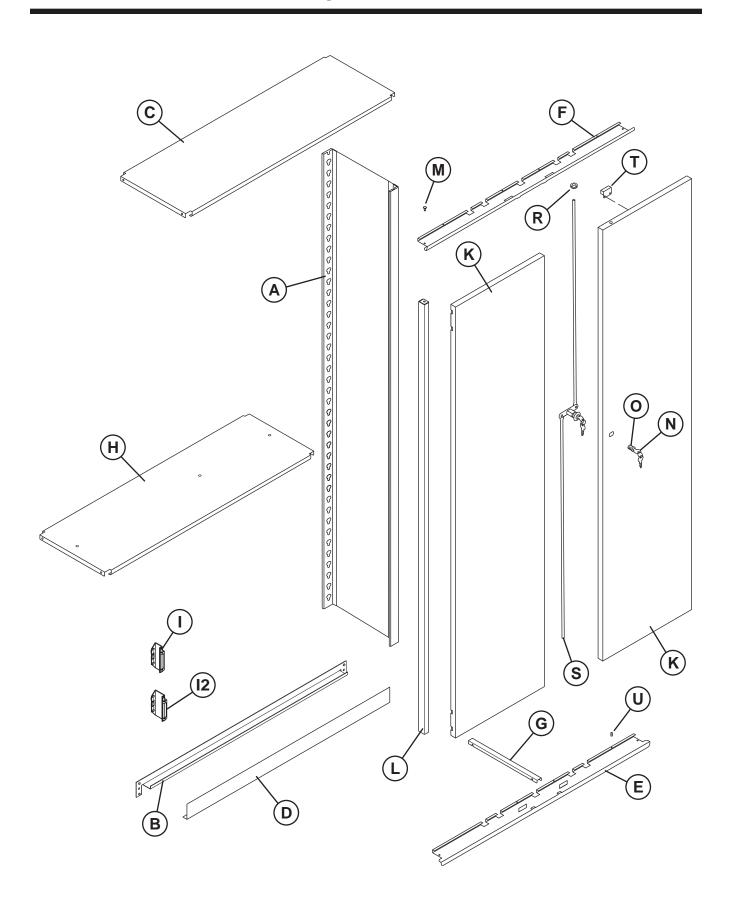


SOUTHWEST**SOLUTIONS** GROUP

business organization systems

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Installation Instructions Alpha Identification	Part Number	Catalog Number (*)	Size	Description	List Price	Weight (pounds)
A	US-XXXX-CA	US-XXXX-CA	Any Depth x Any Height	4-Post Shelving, Closed Angle Upright, Single Face or Double Face.		By Height
A (Not Shown)	US-XXXX-OA	US-XXXX-OA	Any Depth x Any Height	4-Post Shelving, Open Angle Upright, Single Face or Double Face.		By Height
A (Not Shown)	US-XXXX-CT	US-XXXX-CT	Any Depth x Any Height	4-Post Shelving, Closed Tee Upright, Single Face or Double Face.		By Height
A (Not Shown)	US-XXXX-OT	US-XXXX-OT	Any Depth x Any Height	4-Post Shelving, Open Tee Upright, Single Face or Double Face.		By Height
A (Not Shown)	UC-XXXX-CA	US-XXXX-CA	Any Depth x Any Height	Case Type Shelving, Closed Angle Upright, Single Face or Double Face.		By Height
A (Not Shown)	UC-XXXX-CT	UC-XXXX-CT	Any Depth x Any Height	Case Type Shelving, Closed Tee Upright, Single Face or Double Face.		By Height
В	SS-3014-F	SS-3014-F	30" Wide	4-Post Shelving, Shelf Support, 3/4" Profile. "F" Style Must Be Used on Lowest and Upper Most Position.		1.5
B (Not Shown)	SS-3014-FC†	SS-3014-FC†	30" Wide	† Wheelhouse™ lower uses cut ear only.		
В	SS-3614-F	SS-3614-F	36" Wide	4-Post Shelving, Shelf Support, 3/4" Profile. "F" Style Must Be Used on Lowest and Upper Most Position.		1.75
B (Not Shown)	SS-3614-FC†	SS-3614-FC†	36" Wide	† Wheelhouse™ lower uses cut ear only.		
В	SS-4211-F	SS-4211-F	42" Wide	4-Post Shelving, Shelf Support, 3/4" Profile. "F" Style Must Be Used on Lowest and Upper Most Position.		3.25
B (Not Shown)	SS-4214-FC†	SS-4214-FC†	42" Wide	† Wheelhouse™ lower uses cut ear only.		
В	SS-4811-F	SS-4811-F	48" Wide	4-Post Shelving, Shelf Support, 3/4" Profile. "F" Style Must Be Used on Lowest and Upper Most Position.		3.75
B (Not Shown)	SS-4814-FC†	SS-4814-FC†	48" Wide	† Wheelhouse™ lower uses cut ear only.		
B (Not Shown)	SS-3014-H	SS-3014-H	30" Wide	4-Post Shelving, Shelf Support,1-1/4" Profile."H" Style Must NOT Be Used on Lowest and Upper Most Position.		1.5
B (Not Shown)	SS-3614-H	SS-3614-H	36" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		1.75
B (Not Shown)	SS-4214-H	SS-4214-H	42" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		2.25
B (Not Shown)	SS-4814-H	SS-4814-H	48" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		2.5
B (Not Shown)	SS-3611-H	SS-3611-H	36" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		2.75
B (Not Shown)	SS-4211-H	SS-4211-H	42" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		3.25
B (Not Shown)	SS-4811-H	SS-4811-H	48" Wide	4-Post Shelving, Shelf Support, 1-1/4" Profile. "H" Style Must NOT Be Used on Lowest and Upper Most Position.		3.75
C	SF-30XX-P	SF-30XX-P	30" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (File Type, 22 Gauge) (3/4" High).		By Size
C	SF-36XX-P	SF-36XX-P	36" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (File Type, 22 Gauge) (3/4" High)		By Size
C	SF-42XX-P	SF-42XX-P	42" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (File Type, 22 Gauge) (3/4" High)		By Size
С	SF-48XX-P	SF-48XX-P	48" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (File Type, 22 Gauge) (3/4" High)		By Size
C (Not Shown)	SH-30XX-P	SH-30XX-P	30" Wide x	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		By Size
C (Not Shown)	SH-36XX-P	SH-36XX-P	36" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		By Size
C (Not Shown)	SH-42XX-P	SH-42XX-P	42" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		By Size
C (Not Shown)	SH-48XX-P	SH-48XX-P	48" Wide x Depth	4-Post Shelving, Shelf, Canopy Top, Single Face or Double Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		By Size

^{*} Catalog Number is for reference only and may not include all parts as described in price list. When ordering, parts must be identified by individual part numbers.

[†] Catalog Number SS-XXXX-FC are cut off ear shelf support used on lower door only Wheelhouse™ applications.

Parts Listing

Installation Instructions	Part Number	Catalog Number (*)	Size	Description	List Price	Weight (pounds)
Alpha						
Identification						
D	370129.001	370129.001	30" Wide	4-Post Front Base (SPECIAL) 2" High †		1.0
D	370129.002	370129.002	36" Wide	4-Post Front Base (SPECIAL) 2" High †		1.25
D	370129.003	370129.003	42" Wide	4-Post Front Base (SPECIAL) 2" High †		1.5
D	370129.004	370129.004	48" Wide	4-Post Front Base (SPECIAL) 2" High †		1.75
 E	400955.002	400955.002	30" Wide	Lower Lock/Stop Bracket (Standard Version)		3.0
E	400953.002	400953.002	36" Wide	Lower Lock/Stop Bracket (Standard Version)		3.75
 E	400950.002	400950.002	42" Wide	Lower Lock/Stop Bracket (Standard Version)		4.5
<u> </u>	400939.002	400939.002	48" Wide	Lower Lock/Stop Bracket (Standard Version)		4.75
=	400000.002	400000.002	40 11100	Lower Loon order Dracket (Claridad Version)		4.70
E 1	400961.002	400961.002	30" Wide	Lower Lock/Stop Bracket (Extended Version)		3.75
E 1	400959.002	400959.002	36" Wide	Lower Lock/Stop Bracket (Extended Version)		4.5
E 1	400957.002	400957.002	42" Wide	Lower Lock/Stop Bracket (Extended Version)		5.25
E 1	400941.002	400941.002	48" Wide	Lower Lock/Stop Bracket (Extended Version)		6.0
F	400955.001	400955.002	30" Wide	Upper Lock/Stop Bracket (Standard Version)		3.0
F	400953.001	400953.001	36" Wide	Upper Lock/Stop Bracket (Standard Version)		3.75
F	400950.001	400950.001	42" Wide	Upper Lock/Stop Bracket (Standard Version)		4.5
F	400939.001	400939.001	48" Wide	Upper Lock/Stop Bracket (Standard Version)		4.75
F 1	400961.001	400961.001	30" Wide	Upper Lock/Stop Bracket (Extended Version)		3.75
F 1	400959.001	400959.001	36" Wide	Upper Lock/Stop Bracket (Extended Version)		4.5
F 1	400957.001	400957.001	42" Wide	Upper Lock/Stop Bracket (Extended Version)		5.25
F 1	400941.001	400941.001	48" Wide	Upper Lock/Stop Bracket (Extended Version)		6.0
G	SR-xx-F	SR-xx-F	Shelf Depth	4-Post Shelving, Shelf Reinforcement ("F" Style)		By Size
G (Not Shown)	SR-xx-H	SR-xx-H	Shelf Depth	4-Post Shelving, Shelf Reinforcement ("H" Style, Heavy		By Size
(1101 01101111)	G 1 () G 1 ()		Citoti Zopai	Duty) Not To Be Used on Lowest or Upper Most Position		2, 0.20
11	CE 20VV D	OF 20VV D	2011 14/24	4 Dark Chahirar Adirestable Chalk Circle Face on Davids		D. Ci
Н	SF-30XX-P	SF-30XX-P	30" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
	0E 00V/V D	0F 00VV P	Depth	Face (Plain) (File Type, 22 Gauge) (3/4" High)		D 0:
Н	SF-36XX-P	SF-36XX-P	36" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Plain) (File Type, 22 Gauge) (3/4" High)		
Н	SF-42XX-P	SF-42XX-P	42" Wide x Depth	4-Post Shelving, Adjustable Shelf, Single Face or Double Face (Plain) (File Type, 22 Gauge) (3/4" High)		By Size
	SF-48XX-P	SF-48XX-P	48" Wide x			Dv Ci-o
Н	SF-40XX-P	3F-40AA-P		4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Plain) (File Type, 22 Gauge) (3/4" High)		
H (Not Shown)	SH-30XX-P	SH-30XX-P	30" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		
H (Not Shown)	SH-36XX-P	SH-36XX-P	36" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		'
H (Not Shown)	SH-42XX-P	SH-42XX-P	42" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
. ,			Depth	Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		'
H (Not Shown)	SH-48XX-P	SH-48XX-P	48" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Plain) (Heavy Duty Type, 18 Gauge) (3/4" High)		'
H (Not Shown)	SF-30XX-S	SF-30XX-S	30" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
i i (INOL OHOWII)	31-3000-3	31-30//	Depth	Face (Slotted) (File Type, 22 Gauge) (3/4" High)		by Size
H (Not Shown)	SF-36XX-S	SF-36XX-S	36" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
i (INOL SHOWII)	01-00//-0	01-30//-3	Depth	Face (Slotted) (File Type, 22 Gauge) (3/4" High)		by Size
H (Not Shown)	SF-42XX-S	SF-42XX-S	42" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
. ((NOT OHOWH)	31 42/00-0	31 -12/00-0	Depth	Face (Slotted) (File Type, 22 Gauge) (3/4" High)		Dy 0120
	SF-48XX-S	SF-48XX-S	48" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
H (Not Shown)	31-40AA-3					
H (Not Shown)	31-40//		Depth	Face (Slotted) (File Type, 22 Gauge) (3/4" High)		

^{*} Catalog Number is for reference only and may not include all parts as described in price list. When ordering, parts must be identified by individual part numbers.

 $[\]dagger$ Base not required on Wheelhouse $^{\intercal \! M}$

Parts Listing

Installation	Part Number	Catalog	Size	Description	List Price	Weight
Instructions		Number (*)				(pounds
Alpha						
dentification	011 000/0/ 0	011 0010/0	000.145.1	45 40 4 5 4 1 0 1 1 0 1 5		D 0:
H (Not Shown)	SH-30XX-S	SH-30XX-S	30" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
	011 00001	011.00107.0	Depth	Face (Slotted) (Heavy Duty Type, 18 Gauge) (3/4" High)		-
H (Not Shown)	SH-36XX-S	SH-36XX-S	36" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Slotted) (Heavy Duty Type, 18 Gauge) (3/4" High)		
H (Not Shown)	SH-42XX-S	SH-42XX-S	42" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Slotted) (Heavy Duty Type, 18 Gauge) (3/4" High)		
H (Not Shown)	SH-48XX-S	SH-48XX-S	48" Wide x	4-Post Shelving, Adjustable Shelf, Single Face or Double		By Size
			Depth	Face (Slotted) (Heavy Duty Type, 18 Gauge) (3/4" High)		
I	401133.001	401133.001	All Same	Mounting Bracket, Standard Door (Standard Door Universal)		0.5
12	401134.001	401134.001	All Same	Mounting Bracket, Extended Door (Extended Door Universal)		0.75
1 2	401134.001	401134.001	All Same	Mounting Bracket, Extended Door (Extended Door Universal)		0.75
J	N/A	N/A	N/A	Hinge Pin Attached to Door. For Reference Only.	N/A	N/A
K	570016.043	570016.043	30" x 76" †	Left Door Panel (15" x 76") (Standard or Extended Door)		18.5
K	570015.043	570015.043	30" x 76" †	Right Door Panel (15" x 76") (Standard or Extended Door)		19.0
K	570016.049	570016.049	30" x 85" †	Left Door Panel (15" x 85") (Standard or Extended Door)		21.0
K	570015.049	570015.049	30" x 85" †	Right Door Panel (15" x 85") (Standard or Extended Door)		21.5
K	570016.051	570016.051	30" x 88" †	Left Door Panel (15" x 88") (Standard or Extended Door)		21.5
<	570016.051	570016.051	30" x 88" †	Right Door Panel (15" x 88") (Standard or Extended Door)		22.0
	570040.040	570040 040	2011 7011 .1	1.60 D D (40		04.0
K	570018.043	570018.043	36" x 76" †	Left Door Panel (18" x 76") (Standard or Extended Door)		21.0
Κ	570017.043	570017.043	36" x 76" †	Right Door Panel (18" x 76") (Standard or Extended Door)		21.5
K	570018.049	570018.049	36" x 85" †	Left Door Panel (18" x 85") (Standard or Extended Door)		23.5
K	570017.049	570017.049	36" x 85" †	Right Door Panel (18" x 85") (Standard or Extended Door)		24.0
K	570018.051	570018.051	36" x 88" †	Left Door Panel (18" x 88") (Standard or Extended Door)		24.0
K	570017.051	570017.051	36" x 88" †	Right Door Panel (18" x 88") (Standard or Extended Door)		25.0
K	570020.043	570020.043	42" x 76" †	Left Door Panel (21" x 76") (Standard or Extended Door)		23.0
K	570019.043	570019.043	42" x 76" †	Right Door Panel (21" x 76") (Standard or Extended Door)		24.0
K	570013.043	570010.049	42" x 85" †	Left Door Panel (21" x 85") (Standard or Extended Door)		26.0
K	570020.049	570020.049	42" x 85" †	Right Door Panel (21" x 85") (Standard or Extended Door)		26.5
K	570019.049	570019.049	42" x 88" †	Left Door Panel (21" x 88") (Standard or Extended Door)		27.0
K K				Right Door Panel (21" x 88") (Standard or Extended Door)		27.5
<u>N</u>	570019.051	570019.051	42" x 88" †	Right Door Paner (21 x 66) (Standard or Extended Door)		21.3
Κ	570022.043	570022.043	48" x 76" †	Left Door Panel (24" x 76") (Standard or Extended Door)		25.5
K	570021.043	570021.043	48" x 76" †	Right Door Panel (24" x 76") (Standard or Extended Door)		26.0
K	570022.049	570022.049	48" x 85" †	Left Door Panel (24" x 85") (Standard or Extended Door)		5.5
K	570021.049	570021.049	48" x 85" †	Right Door Panel (24" x 85") (Standard or Extended Door)		29.0
K	570022.051	570022.051	48" x 88" †	Left Door Panel (24" x 88") (Standard or Extended Door)		5.5
K	570021.051	570021.051	48" x 88" †	Right Door Panel (24" x 88") (Standard or Extended Door)		30.0
				ssembly, and Key Plug.		
L	340264.001	340264.001	76" High Door	Extended Door Side Filler (Left or Right Side)		1.5
<u>-</u> L	340264.002	340264.002	85" High Door	Extended Door Side Filler (Left or Right Side)		1.75
L L	340264.003	340264.003	88" High Door	Extended Door Side Filler (Left or Right Side)		2.0
				, ,		
M	70067.02	70067.02	All Same	Canoe Clip For Extended Door Side Filler Attachment		0.05
N	KSCRK	KSCRK	All Same	Lock Plug Removal Key (Optional)		0.05

^{*} Catalog Number is for reference only and may not include all parts as described in price list. When ordering, parts must be identified by individual part numbers.

[†] Wheelhouse™ uses a door height that is 1-1/2" shorter than the Wheelhouse™ upright. Note: Extended Doors are Not Applicable to Wheelhouse™ carriages.

Parts Listing

Installation Instructions Alpha	Part Number	Catalog Number (*)	Size	Description	List Price	Weight (pounds)
Identification						
0	550323.001	550323.001	Specify Number	Lock Plug (Core) (Match Number to Lock Key Number		0.05
	Plug assembly	Plug assembly		Located on Each Key)		
P (Not Shown)	20550KP	KSMK	All Same	Master Key (For All Lock Numbers) (Optional)		0.05
Q (Not Shown)	Specify Number	Specify Number	All Locks	Standard Lock Key (Must Specify Key Number to Order) (Match Number to Lock Plug Number Located on Lock Plug Face.)		0.05
R	41008.02	41008.02	All Same	Regular Snap Bushing. (Lock Rod Glide.) (Upper or Lower		0.05
				Position) (Two Per Locking Door Panel Provided)		
S	570009.001	570009.001	76"	Lock Rod Assembly, Door (Right Door Panel Only)		1.0
S	570009.002	570009.002	85"	Lock Rod Assembly, Door (Right Door Panel Only)		1.25
S	570009.003	570009.003	88"	Lock Rod Assembly, Door (Right Door Panel Only)		1.5
Т	550288.001	550288.001	All Same	Magnetic Catch, All Doors, Upper or Lower Position (Two Per Door Panel Provided)		0.25
U	990038.001	990038.001	All Same	Set Screw, Cup Point, Upper and Lower Lock/Stop Bracket Attachment Screw. (1/4"-20 x 5/8") (See Installation Manual For Required Quantity Per Bracket)		0.05

^{*} Catalog Number is for reference only and may not include all parts as described in price list. When ordering, parts must be identified by individual part numbers.

A Warning

Wear eye protection and other applicable safety equipment while assembling your shelving system. Know how to safely operate the required power tools before starting this project.

A Caution

To ensure safe and easy installation, be prepared to have an additional person on-hand to assist with certain installation steps and lifting operations.

Before you begin installation:

- 1. Read through the installation procedure before starting the project.
- Understand all safety statements.
- 3. Make sure your shelving system will fit within the desired location.
- 4. Plan to assemble the shelving system where it will be used. Once fully assembled, the unit may be difficult to move.
- 5. Have the necessary tools for assembling and leveling the unit.

Required tools include:

- Power Screwdriver or Portable Hand Drill
- Phillips Driver Bit
- Leveling Device
- Utility Knife
- Dead Blow Hammer
- Slotted Screwdriver (assorted sizes)
- Phillips Screwdriver (assorted sizes)
- Measuring Rule or Tape

A Important

ALWAYS load shelving from the bottom up and evenly from both sides on a double faced unit.

A Important

If you are planning to install "Hinged Doors" with "Modular Doors and Drawers". Please consult the factory for installation guidelines.

A Important

Hinged Doors can be assembled with 4-post shelving or Case type shelving using closed or open uprights. **Hinged Doors are not compatible with Cantilever type shelving.** "F" style shelf supports must be used on the upper and lower front locations for hinged doors to attach properly. This manual covers installations on static shelving only.

NOTE: The following base shelving unit installation steps are presented as a reference guide. For complete four-post shelving assembly instructions, refer to the 4-Post Shelving Installation Manual.

NOTE: Assemble the unit from the bottom up. Use two people to ease assembly.

- 1. Hold closed uprights **(A)** in place and temporarily insert a shelf support **(B)** near the midpoint of the back posts to space the uprights.
- 2. Place the bottom rear shelf support in place with the rivet tabs pointed down. Insert the support rivets in the lowest full keyhole slots.

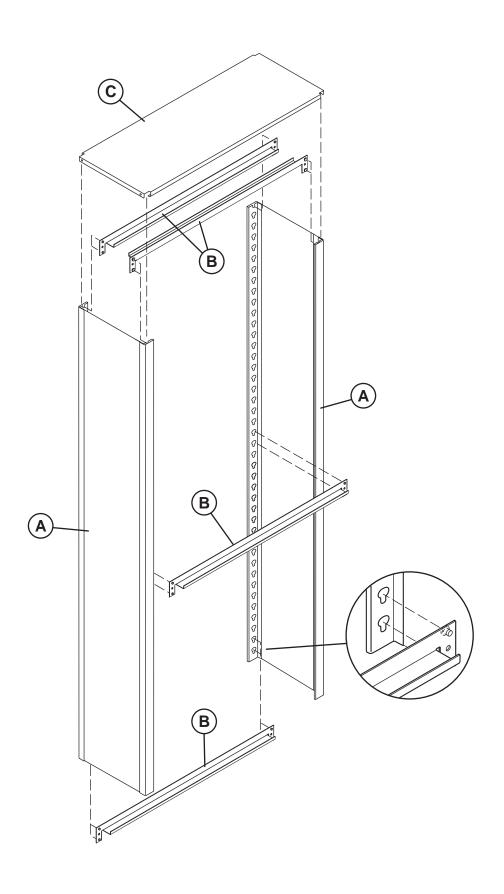
A Important

Interior surface of upright posts must be flush with interior key slot for proper fit of all hinged door components.

A Caution

Shelf supports MUST be driven securely into place. A dead blow hammer should be used to keep from damaging the finish.

- 3. Use a dead blow hammer to drive the shelf support in place.
- 4. Insert shelf supports at the top of the unit and drive them into place with a dead blow hammer.
- 5. Move the unit to the final destination and begin installation of Hinged Doors.
- 6. Place the canopy/shelf **(C)** on top of the unit when Hinged Door installation is complete.

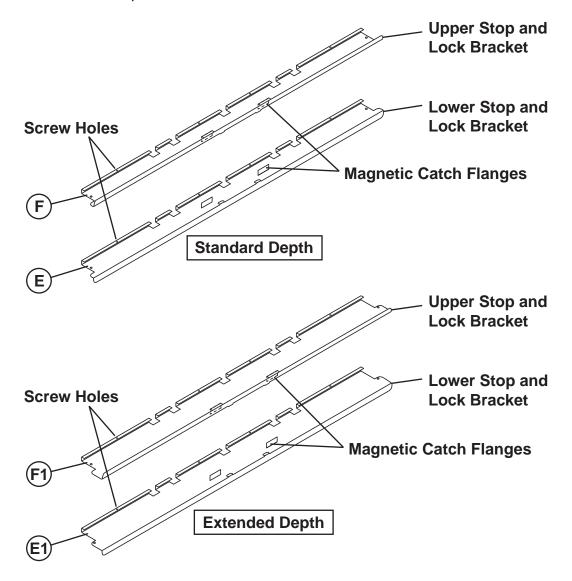


Installation on a New Shelving Unit

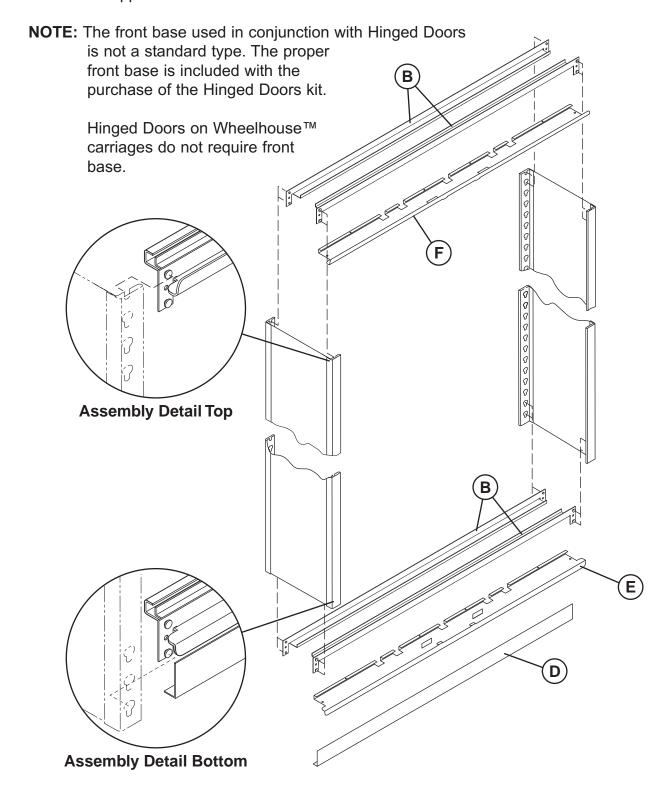
A Important

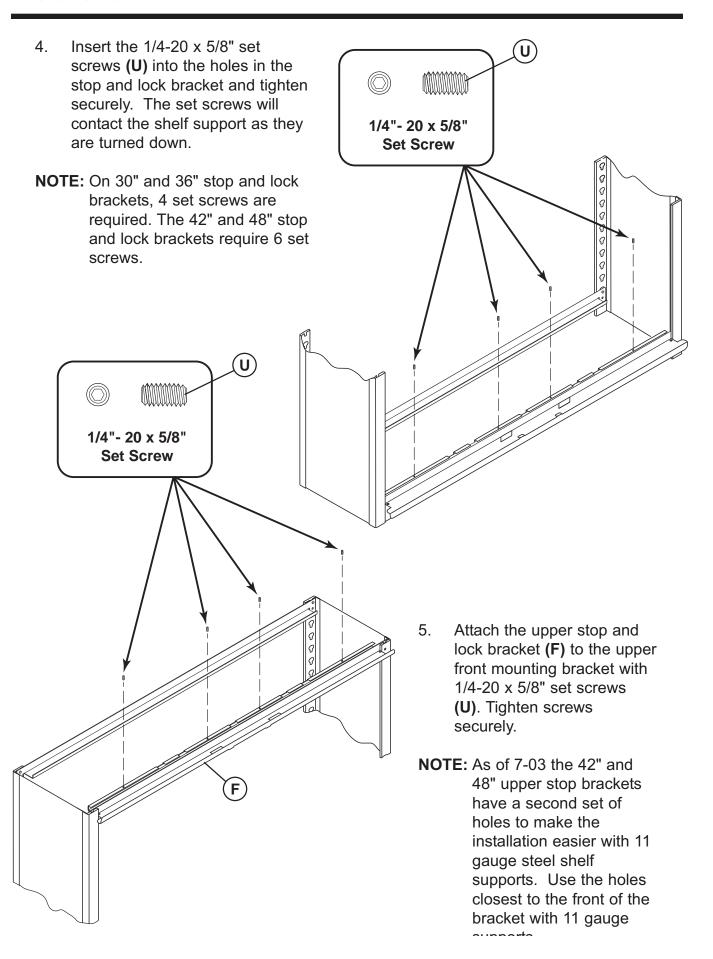
There are two types of Hinged Door installation kits; standard depth and extended depth. Installation of the two kits is the same except where noted in the instructions. Installation is also the same for single face and double face units, so only single face installation is illustrated.

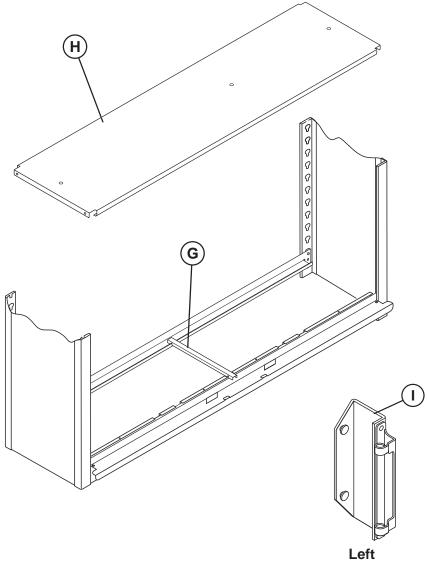
NOTE: Assembly of Hinged Doors requires one upper and one lower stop and lock bracket. These are available in standard and extended depth. The upper stop and lock bracket (F, F1) should be positioned with the magnet catch flanges facing down and screw holes at the top. The lower stop and lock bracket (E, E1) should be positioned with the magnet catch flanges facing up and the screw holes at the top.



- 1. Insert the provided front base (D) behind the upright front posts.
- 2. Loosely assemble lower stop and lock bracket (E) to lowest front shelf support (B).
- Insert stop and lock bracket/shelf support assembly into the lowest keyhole slots in the front uprights. Drive the shelf support in place with a dead blow hammer. The shelf support retains the front base.



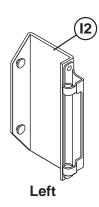




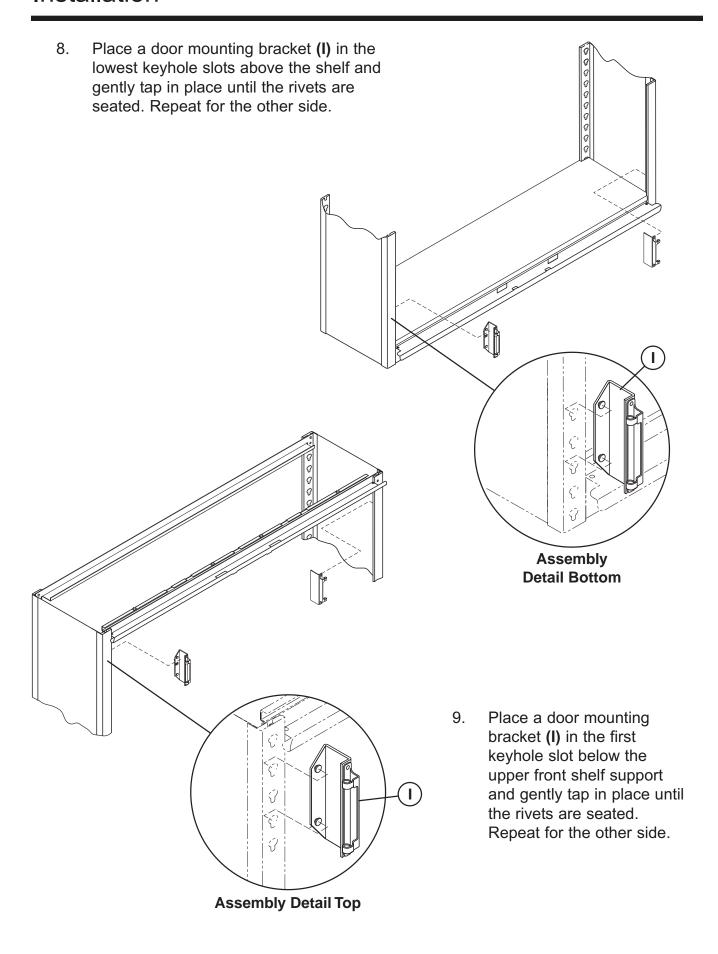
6. Insert lower shelf reinforcement **(G)**, if required, and lower shelf **(H)** at this time.

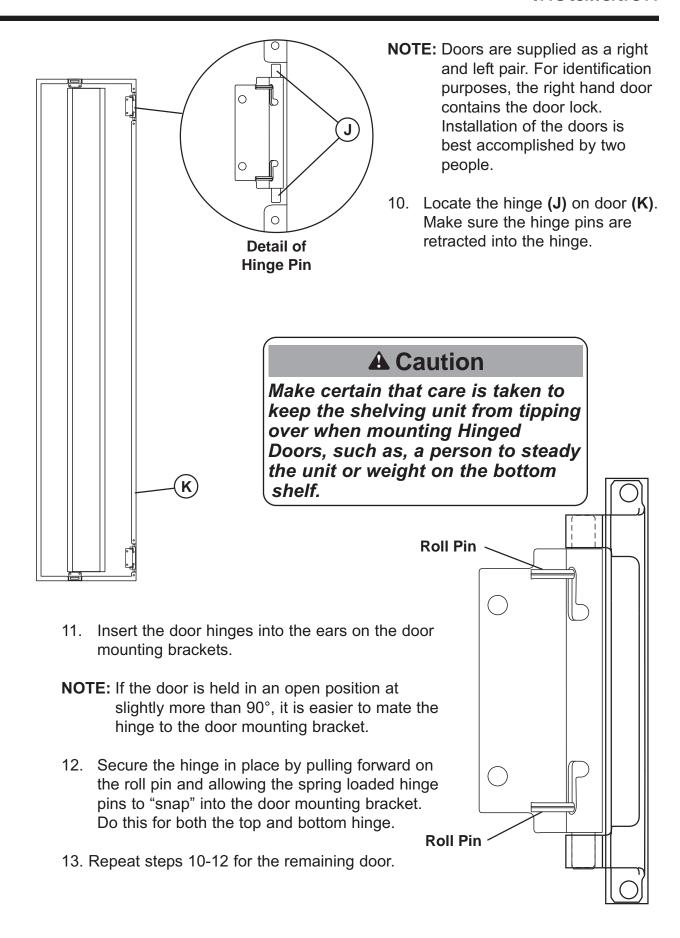
7. Identify two left (I or I2) and two right (I1 or I3) door mounting brackets. The brackets are oriented properly when the hinge ears are facing to the outside of the shelving unit. The door mounting brackets are available in either standard or extended depth.

Standard Universal Door Mounting Brackets

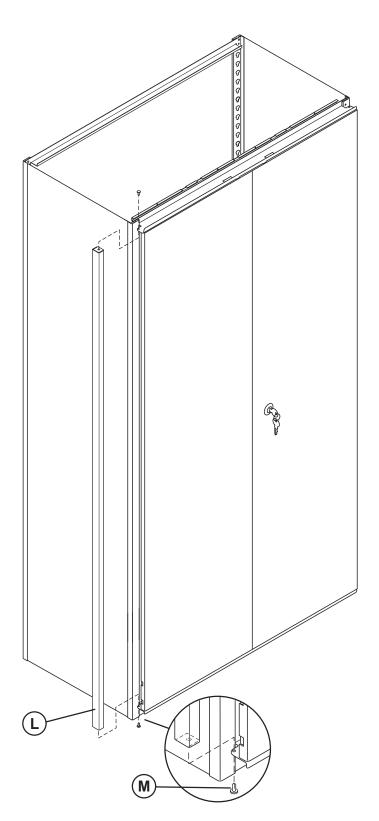


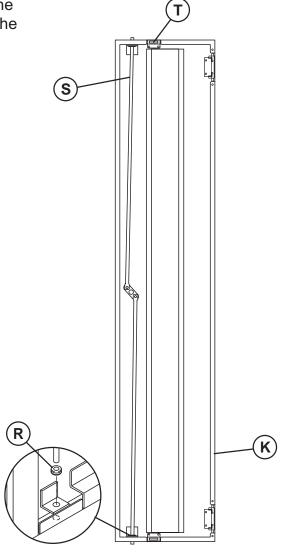
Extended Universal Door Mounting Brackets





14. Place a slight amount of silicone lubricant on the grommet **(R)** located at the top and bottom of the lock rod assembly **(S)** (right hand door only).





Doors with Extended Mounting Brackets Only

Insert the filler channel (L) in place and secure at the top and bottom with "canoe" type plugs (M).

Installation on an Existing Shelving Unit

- 1. Remove all material from the canopy shelf at the top and remove the canopy.
- 2. Remove all material from the bottom shelf.
- 3. Follow the above steps 7-14.

Lock Plug Removal and Installation

NOTE: Lock plug removal and installation requires the use of a optional Lock Plug Removal Key **(N)**. (Must be ordered separately.)

- 1. Insert lock plug removal key into the lock and turn it to the right as far as it will turn.
- 2. Carefully remove the lock core (O) from the lock plug.
- 3. Installation is opposite of removal.

NOTE: If the key turns more than 90°, replace core and cylinder.

