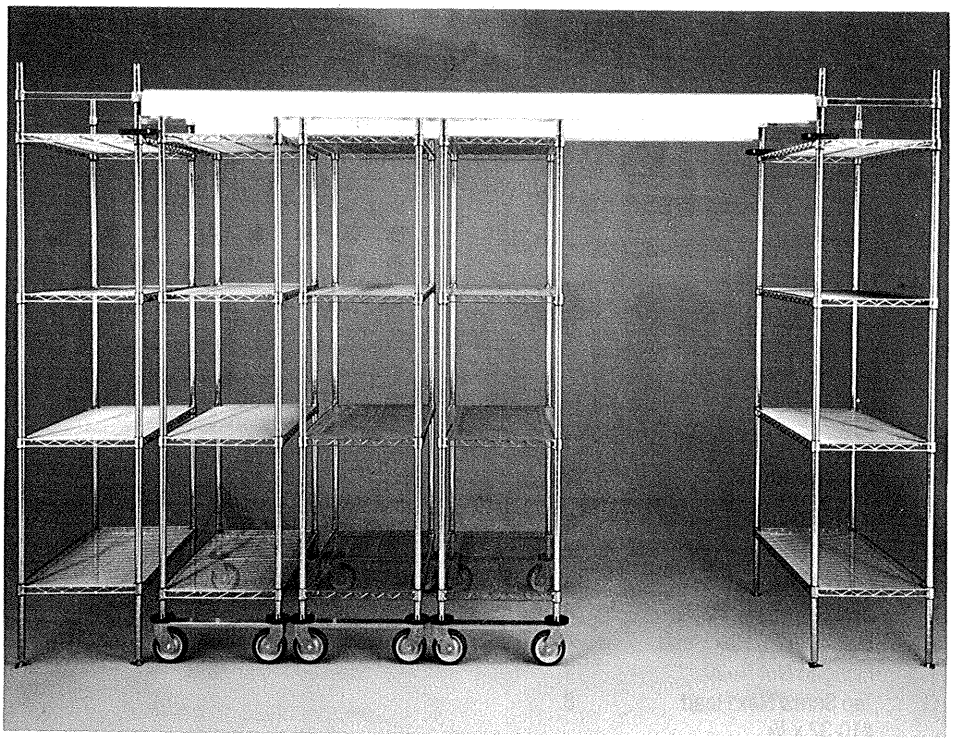
Top-Track Shelving System

(No Intermediate Unit Shown)

ASSEMBLY INSTRUCTIONS



***NOTE:** This instruction sheet covers the following models:

SECTION A: STATIONARY END UNIT KITS
(One Per Track Set)

TTE3C	TTE5K
TTE4C	TTE6K
TTE5C	TTE7K
TTE6C	TTE3S
TTE7C	TTE4S
TTE3K	TTE5S
TTE4K	

SECTION B: MOBILE CART KIT
(One Per Mobile Unit)

TTM3AC	TTM5AK
TTM4AC	TTM6AK
TTM5AC	TTM7AK
TTM6AC	TTM3AS
TTM7AC	TTM4AS
TTM3AK	TTM5AS
TTM4AK	

SECTION C: INTERMEDIATE UNIT KITS
(For track needs that are longer than 21 feet)

TTA3C	TTA5K
TTA4C	TTA6K
TTA5C	TTA7K
TTA6C	TTA3S
TTA7C	TTA4S
TTA3K	TTA5S
TTA4K	

SECTION D: TRACK SETS

TTS6N	TTS14N
TTS7N	TTS15N
TTS8N	TTS16N
TTS9N	TTS17N
TTS10N	TTS18N
TTS11N	TTS19N
TTS12N	TTS20N
TTS13N	TTS21N

NOTE: Recommended mobile unit load capacity is 900 lbs. Floor should be level, smooth, and free of large cracks and/or raised obstacles.

METRO®

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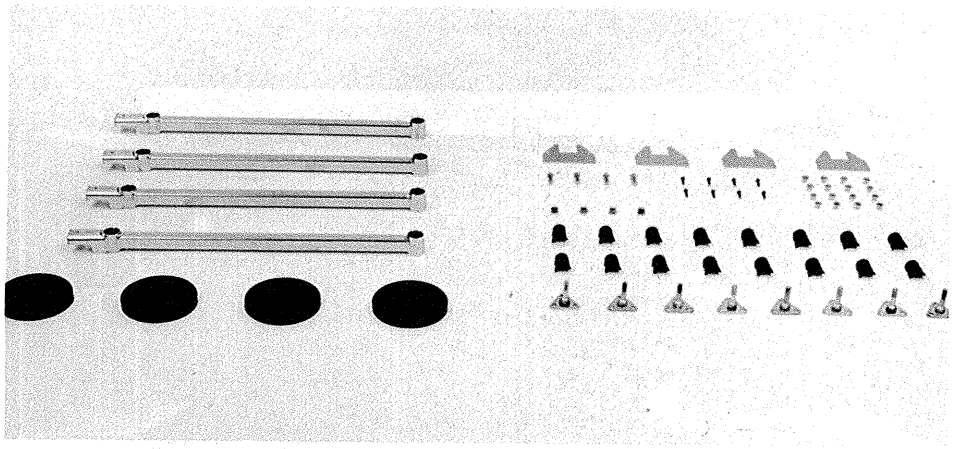
ASSEMBLY INSTRUCTIONS
For Top-Track Shelving System

Top-Track Shelving System

LIST OF COMPONENTS

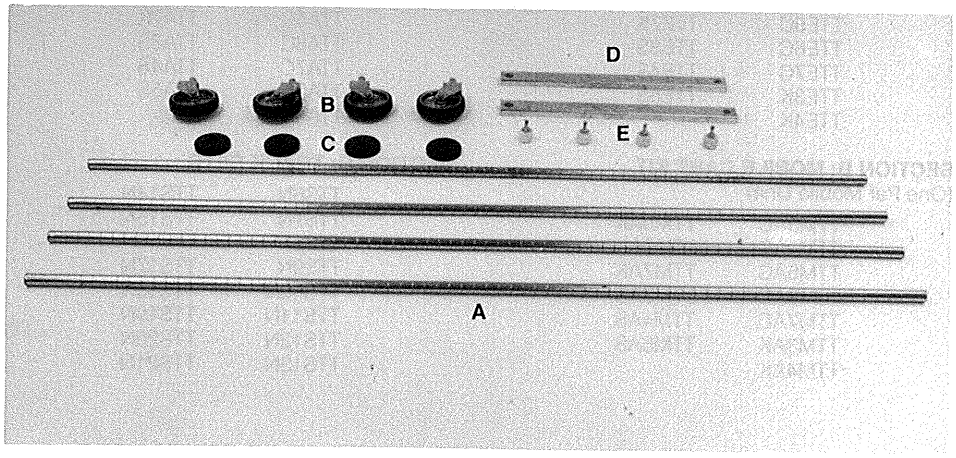
For Assembly of the Top-Track Shelving System

STATIONARY END UNIT KIT



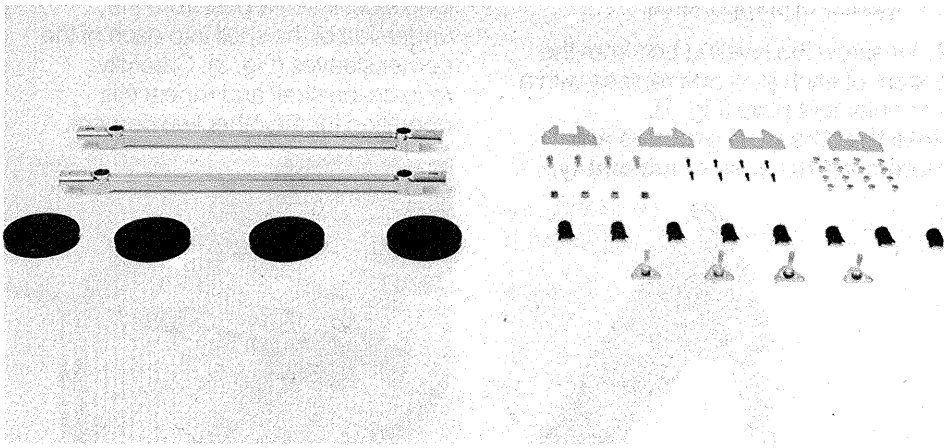
Item	Description	Qty.
A.	End Bracket Bar	6
B.	5 1/2" Donut Bumper	4
C.	End Cap	4
D.	Split Sleeves — Plastic	8 pr.
E.	Bolt — 1/4-20 Hex Head	4
F.	Flanged Nut 1/4-20	4
G.	Tap Screw Hex Head #10-32 x 3/4	8
H.	Hole Plugs — Plastic	16
I.	Triangular Foot Plate	8

MOBILE CART KIT



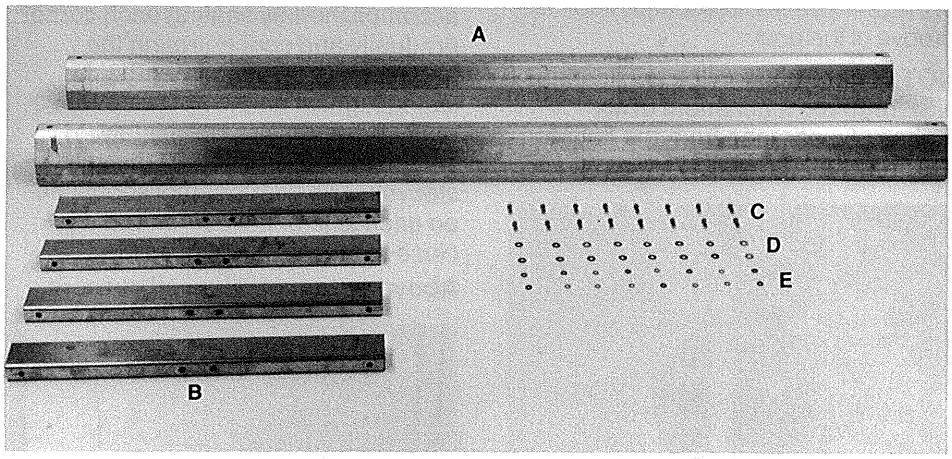
Item	Description	Qty.
A.	Post w/Staked Foot	4
B.	Caster	4
C.	3 1/2" Donut Bumper	4
D.	Caster Channel	2
E.	Roller Bearing Assembly	4

INTERMEDIATE UNIT KIT



Item	Description	Qty.
A.	Double Bracket Bar	2
B.	5 1/2" Donut Bumper	4
C.	End Cap	4
D.	Split Sleeves — Plastic	4 pr.
E.	Bolt — 1/4-20 Hex Head	4
F.	Flanged Nut 1/4-20	4
G.	Tap Screw Hex Head #10-32 x 3/4	8
H.	Hole Plug	16
I.	Triangular Foot Plate	4

TRACK SET KIT



Item	Description	Qty.
A.	Track	*
B.	J-Channel	*
C.	Bolt — 1/4-20 x 3/8 Hex Head	*
D.	Washer — Flat #1/4	*
E.	Washer — Split Lock #1/4	*

*The quantity of parts will vary depending upon length of track being ordered.

Top-Track Shelving System

Section A
ASSEMBLY INSTRUCTIONS

For Stationary End Unit

(2 Units Required)
Two People Required for Assembly

NOTE: 86P Posts must be used in the assembly of the unit.

1. Unpack carton(s) to confirm amount and identity of components.

2. Unscrew the leveling bolt from the bottom of each post and replace with a triangular foot plate (Fig. 1).
Note that the post grooves are numbered for ease of assembly.

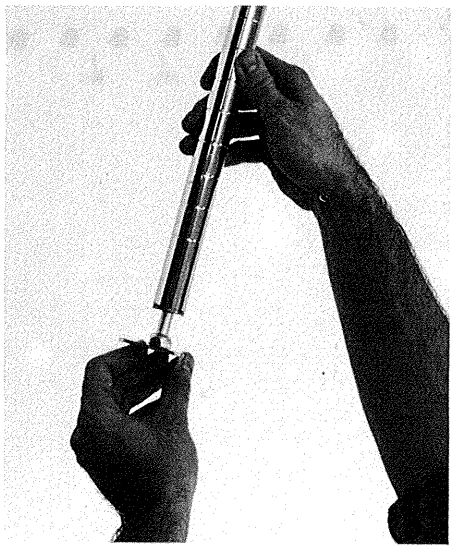


FIG. 1

3. Take four pair of plastic split sleeves and place a pair on each post on the lowest groove at which the shelf will be located (Fig. 2). Make certain the bead of the split sleeves fits securely into the groove of the post.

NOTE: For Foodservice applications, NSF requires a minimum of six inches of clearance from the floor to the first shelf (groove #7).

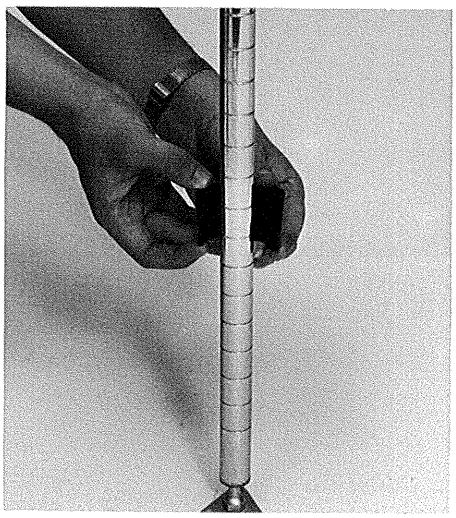


FIG. 2

4. Take a shelf and standing it on its long side, insert a post from the underside of the shelf into each of the corner sleeves (Fig. 3). Carefully reverse the shelf and repeat this operation for the other two corners.

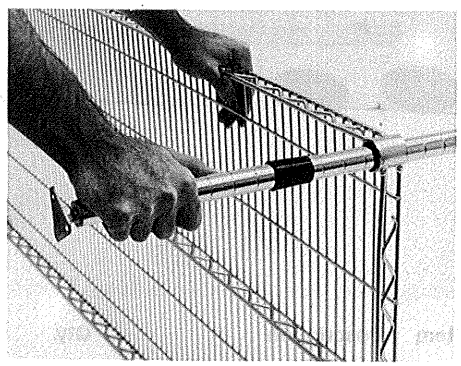


FIG. 3

5. Stand the unit upright and apply pressure at each corner to seat the shelf securely and evenly on the posts (Fig. 4). Then using a hammer and a block of wood, gently hit the shelf down until it is completely seated (Fig. 5).

CAUTION: Never use a hammer directly on the corner without using a block of wood to protect the unit.

NOTE 1: Seating the shelf in its final position with a hammer can best be accomplished by seating each corner gradually and concentrating the hammer hits on the corner that is sitting highest on the split sleeves until all corners are completely seated near the bottom of the split sleeves. The hammer hits should be on each side of the corner and as close to the corner as possible.
Above note typical on all corners.

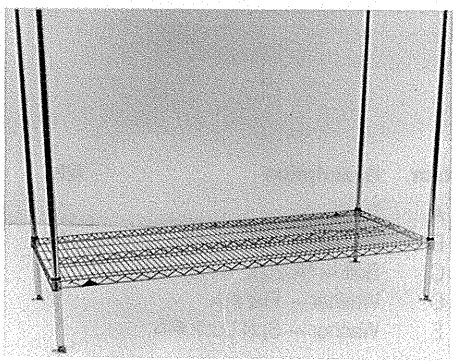


FIG. 4

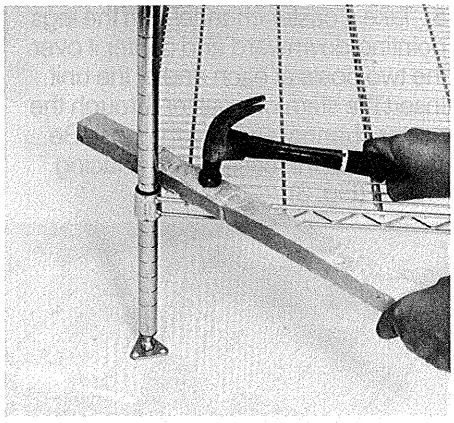


FIG. 5

6. Determine the locations for the remaining shelves and mount each shelf by placing a pair of split sleeves on the proper groove of each post. Then slide the shelf down over the posts and onto the split sleeves. Repeat operation #5 and Note 1 to seat each shelf securely. Be certain not to have the top shelf located above the eighth groove (groove #79) down from the top of the posts. This will prevent interference with the track.

7. Slide a 5 1/2" donut bumper down over the two posts on the long side of the unit until it rests on the shelf (Fig. 6).

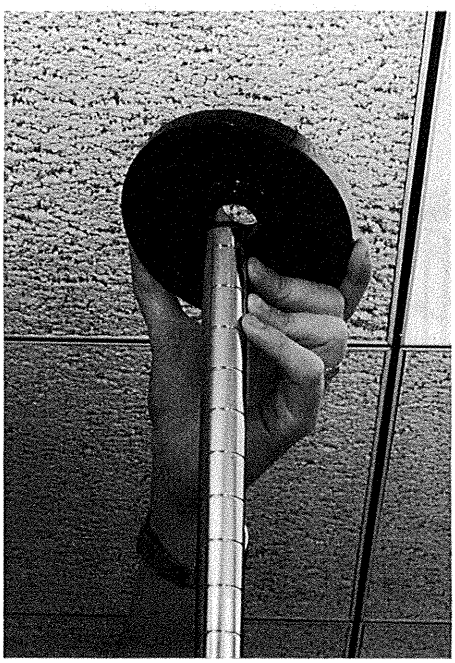


FIG. 6

8. Count down five grooves from the top of each post (groove #82) and place a pair of split sleeves on each of these grooves. Then slide an end bracket bar down over the posts and onto the split sleeves at each end of the unit. Be certain to have the extended end of the bar on the same side of the unit as the 5 1/2" donut bumpers. Seat the bracket bars per Note 1 (Fig. 7 and Fig. 8).

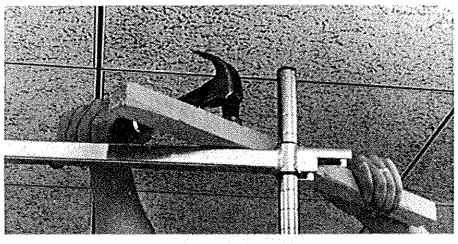


FIG. 7

FIG. 8

THIS COMPLETES THE ASSEMBLY OF THE STATIONARY END UNIT.

Section B

ASSEMBLY INSTRUCTIONS

For Mobile Unit

(Number of Units Required Depends Upon Users Needs)
Two People Required for Assembly

1. Unpack carton(s) to confirm amount and identity of components.

2. Take the four posts with the staked foot at the top and place a pair of split sleeves on the lowest groove at which the shelf will be located. Make certain that the beads of the split sleeves fit securely into the grooves on the post (Fig. 1).

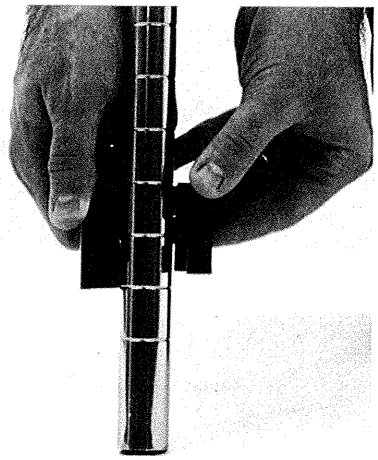


FIG. 1

3. Follow operations #4 thru #6 from the stationary unit instructions for the mounting of the shelves on the mobile unit.

IMPORTANT: When mobile units (especially 18″, 21″ and 24″ wide) are used for heavy loads, the possibility exists for roller binding and/or post bending. Therefore, the top shelf must be located at the fourth (groove #71) or fifth (groove #70) groove down from the top of the posts. Also, the top shelf cannot be located above the third groove (groove #72) down due to interference with track.

4. Lay the unit on its long side and slide a 3½″ donut bumper onto the bottom of each post (Fig. 2).

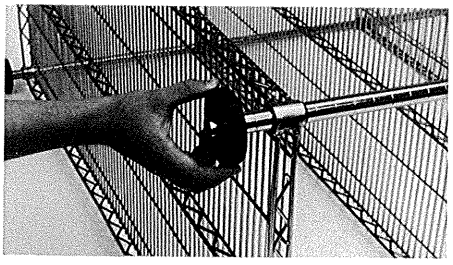


FIG. 2

5. Take a caster channel with the legs pointing downward and center it over the two posts at each end of the unit. Insert the stem of a caster through the caster channel and into the post. Be certain that the caster horn is facing inward (Fig. 3).

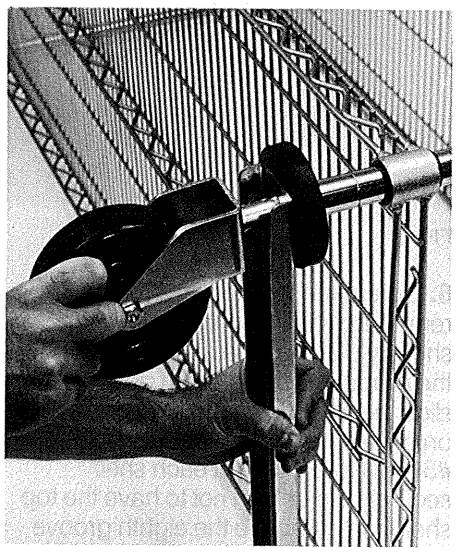


FIG. 3

6. Tap the caster into the post until it is fully seated. The legs on the caster channel should straddle the sides of the caster horn (Fig. 4). Repeat operations #5 and #6 for the remaining three casters (Fig. 5).

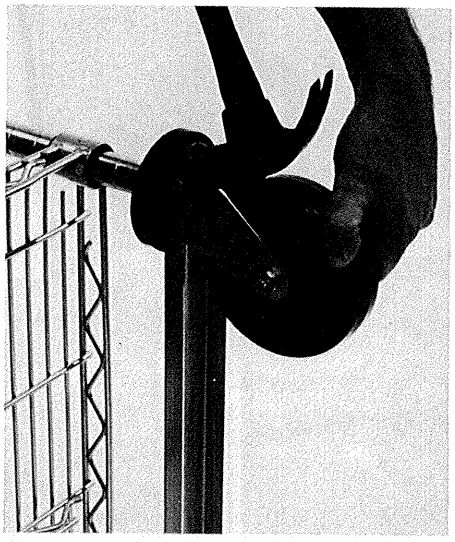


FIG. 4

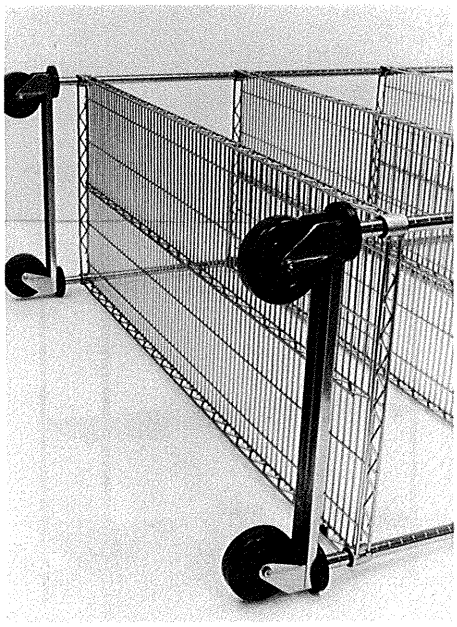


FIG. 5

7. Thread a roller assembly into the top of each post. Tighten the roller assembly with a wrench 1/4 turn past finger tight (Fig. 6 and Fig. 7).

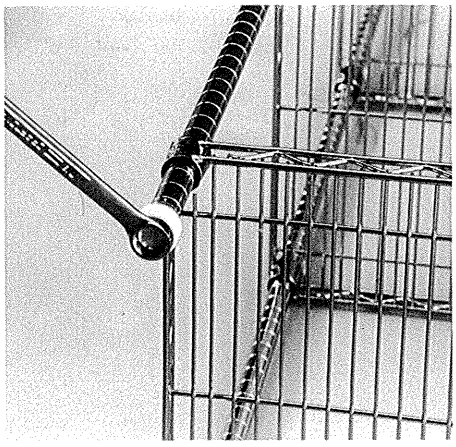


FIG. 6

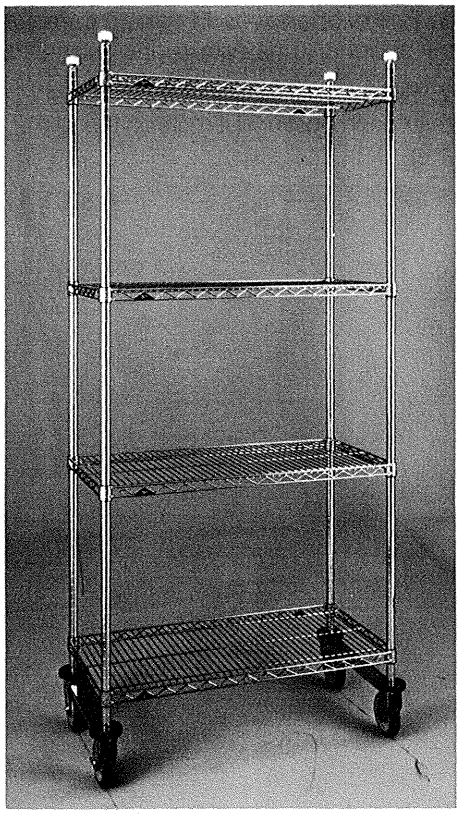


FIG. 7

THIS COMPLETES THE ASSEMBLY OF THE TOP-TRACK MOBILE UNIT.

Section C
ASSEMBLY INSTRUCTIONS
For Intermediate Unit

(Number of Units Required Depends Upon Users Needs)

NOTE: 86P or 86PS Posts must be used in the assembly of the unit.

1. Follow operations #1 thru #6 from the stationary unit instructions.

2. Slide a 5½" donut bumper down over each post until it rests on the shelf (Fig. 1).

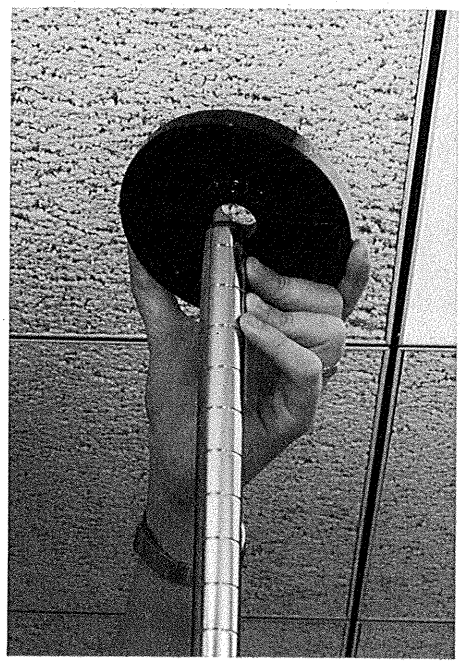


FIG. 1

3. Count down five grooves (groove #82) from the top of each post and place a pair of split sleeves on each of these grooves. Then slide a double bracket bar down over the posts and onto the split sleeves at each end of the unit. Seat the bracket bars per Note 1 (Fig. 2 and Fig. 3).

FIG. 2

FIG. 3

THIS COMPLETES THE ASSEMBLY OF THE INTERMEDIATE UNIT.

Section D

ASSEMBLY INSTRUCTIONS

For the Top-Track System

Two People Required for Assembly

1. Unpack carton(s) to confirm amount and identity of components.

2. Position a stationary end unit in the desired location with the extended ends of the bracket bars facing the direction of the track system.

3. Align a mobile unit with the end unit. Take a length of track and position it so the rollers are located inside the track. At the same time have the hole in the top of the track positioned over the slot in the extended end of the bracket bar. The mobile unit must support the end of the track not being fixed to the end unit. Insert a hex bolt down through the track and the extended end of the bracket bar. Place a flanged nut onto each bolt. Tighten nut until snug. Repeat this operation for the opposite track section and securely tighten all nuts (Fig. 1 and Fig. 2).

NOTE: If not using more than one length of track, proceed to operation #11. If using two or more lengths, continue with operation #4.

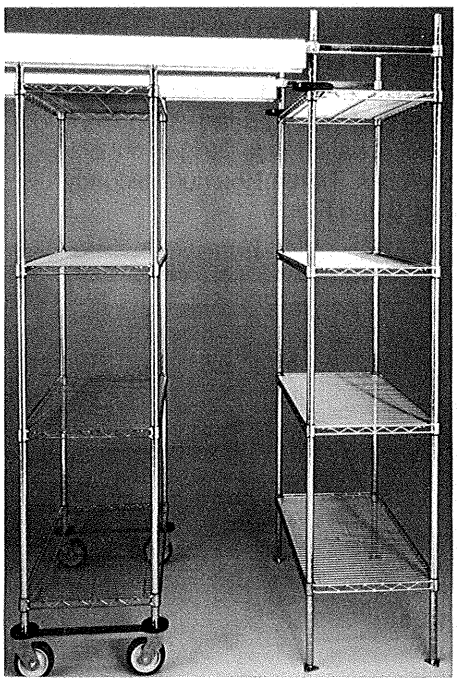


FIG. 1

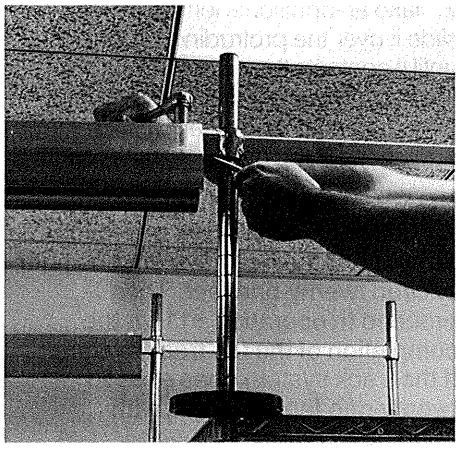


FIG. 2

4. Take four "J" channels and slide two channels into each track end (Fig. 3). Align the holes in the "J" channels over the holes in the end of the track.

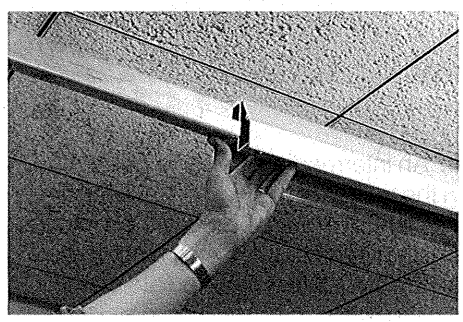


FIG. 3

5. Slide a lockwasher and washer onto a hex bolt and insert the bolt up through the track and engage it into the "J" channel. Repeat this operation for the remaining holes at the end of the tracks. Tighten all bolts securely (Fig. 4).

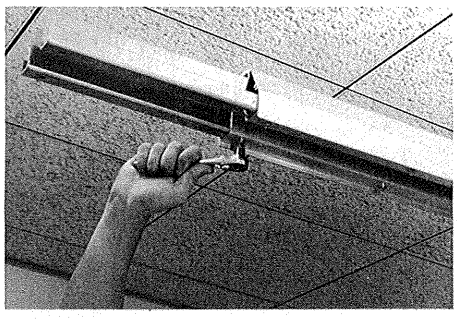


FIG. 4

6. Prior to assembly of additional track lengths, mobile units must be positioned to support the tracks being assembled.

Top-Track Shelving System

7. Take an additional length of track and slide it over the protruding "J" channels until it contacts the existing track. Fasten the track to the "J" channels per operation #5 (Fig. 5). Repeat this operation for the opposite track section.

NOTE: Attach remaining track sections (if required) per operations #4 thru 7, if the track system does not exceed twenty-one feet. Then proceed to operation #11 for the completion of the top track system. If the track system does exceed twenty-one feet, proceed with operation #8.

FIG. 5

8. An intermediate unit is to be located in the center of the overall track length. Position all required mobile units into the existing track system, which are to be on the side of the intermediate unit having the track system assembled to it.

9. Position the intermediate unit so the holes in the top of the tracks are positioned over the slot in the extended end of the double bracket bars. Insert a hex bolt down through each track and the extended end of the double bracket bars. Place a flanged nut onto each bolt. Tighten the nuts securely (Fig. 6).

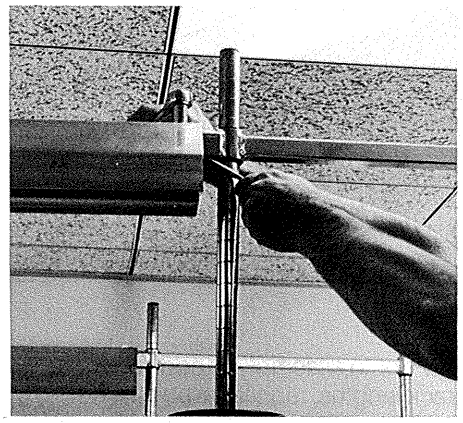


FIG. 6

10. Repeat operations #3 thru #7 for the remaining track and mobile units to be assembled to the opposite side of the intermediate unit (Fig. 7).

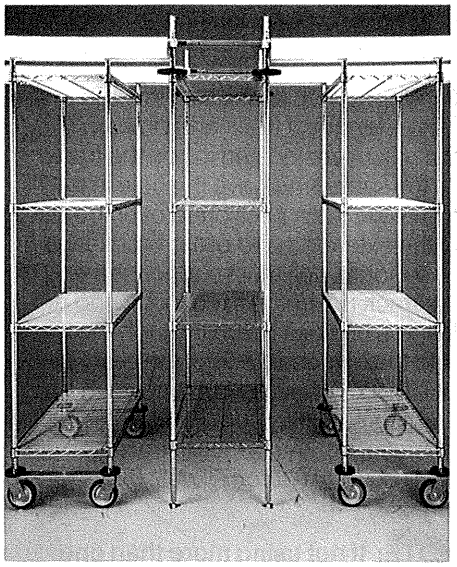


FIG. 7

11. Take the remaining end unit and position it so the hole at the top of the track is positioned over the slot in the extended ends of the end bracket bars. Insert a hex bolt down through each track and the extended end of the end bracket bars. Place flanged nut onto each bolt. Tighten the nuts securely (Fig. 8 and Fig. 9).

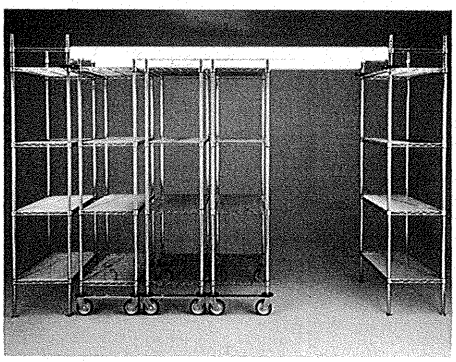


FIG. 8

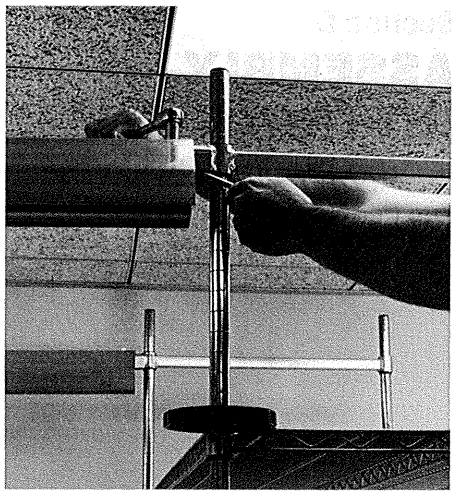


FIG. 9

12. At the ends of each complete track section, insert a hole plug into each of the open holes (Fig. 10).

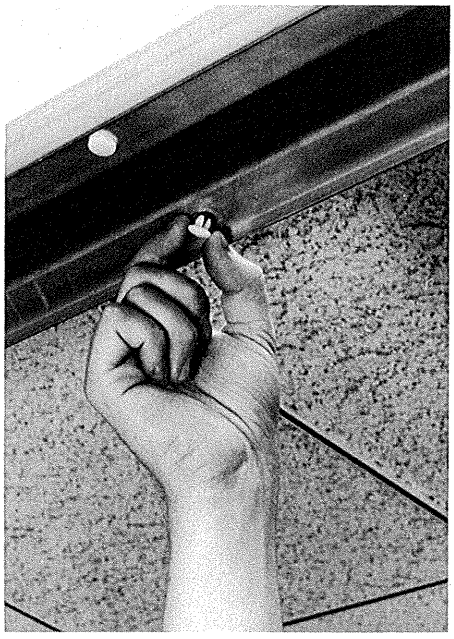


FIG. 10

13. At the open ends of each track section, position an end cap so the legs of the cap straddle the extended ends of the bracket bars, and also align the holes in the cap with the holes in the track. Use the self-tapping screws to fasten the end caps to the track (Fig. 11).

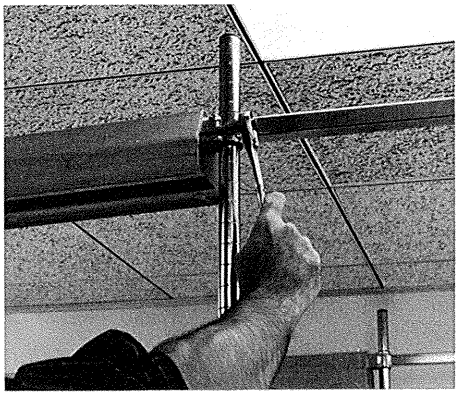


FIG. 11

THIS COMPLETES THE ASSEMBLY OF THE TOP-TRACK SYSTEM.

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9/98
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93-109

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