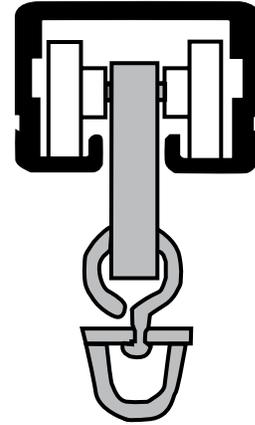




SPECIFINE® 113 SERIES CURTAIN TRACKS

		113 SPECIFINE® CWANA code		
		CORD	WALK-ALONG	113-B
Single Carriers	1131	√	√	
	1131B			√
Master Carriers	1132	√	√	
	1132B			√
Pulleys	1133	√		√
	1134	√		√
	1135	√		√
Cord	1150	√		√
Splice	1124-A	√	√	√
End Stop	1109		√	



Full Size End View

Can be factory curved for walk-along operation only.

SPECIFICATIONS:

SPECIFINE® Model 113 Curtain Tracks

Curtain tracks (Model 1100-A) shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed, except for slot in bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 1131**) shall be spaced on 6" centers and shall be composed of a special non-wheel binding abrasion-resistant block supporting two polyethylene wheels rolling on two separate parallel treads. Live-End (**Model 1133**) and Dead-End (**Model 1134**) pulley blocks shall be equipped with nylon ball-bearing wheels adequately guarded. The manufacturer shall furnish a tension Floor Pulley (**Model 1135**) for increasing cord tension. Stretch-resistant operating cord (Model 1150 for hand operated track systems and Model 1151 for motorized track systems) shall have synthetic or wire center and shall be of 1/8" diameter. Operating lines shall be concealed within the track. Model 113 as manufactured by Automatic Devices Company of Allentown, PA.

SPECIFINE® Model 113-A Curtain Tracks (Walk-Along Track System)

Curtain tracks (Model 1100-A) shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed, except for slot in bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 1131**) shall be spaced on 6" centers and shall be composed of a special non-wheel binding abrasion-resistant block supporting two polyethylene wheels rolling on two separate parallel treads. End Stops (**Model 1109**) shall be attached to each open end of the track channel. This model track system is for **walk-along operation only** and does not include pulleys or other operating hardware. Model 113-A as manufactured by Automatic Devices Company of Allentown, PA.



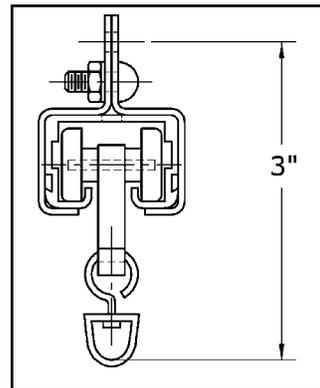
Model 113 Assembly

SPECIFINE® Model 113

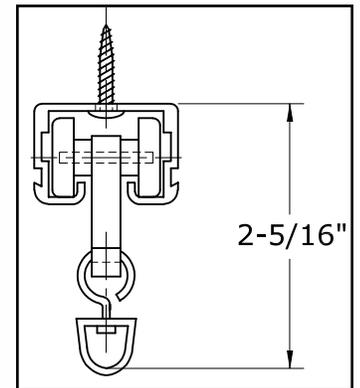
SPECIFINE® Model 113 is an aluminum box-shaped curtain track specifically designed to meet architectural specifications for straight curtains up to 20' in length. Classrooms, residences, boardrooms, multi-purpose rooms, cafeterias, churches, hotels, banks, are all ideal applications for the Model 113 SPECIFINE® track.

This track can be either recessed, surface mounted, or can be suspended from the ceiling. The cord is completely concealed within the track channel. The carriers move effortlessly through the track channel without the carrier block binding against the channel.

Dovetail design on exterior of channel allows joint compound to seep into slot allowing a flush finish.



**Cross Section
of 113 Track
Suspended Installation**
Min. pocket width: 4-3/4 in.



**Cross Section
of 113 Track
Ceiling Mount**



No. 1100-A Channel

1' - 5 oz.

16 gauge extruded aluminum, clear anodized finish. Obtainable in unspliced lengths up to 20'. When recess mounting is desired, dovetail design on exterior of channel allows joint compound to seep into slot allowing a flush finish.

Approximately: 1-1/4" wide x 7/8" high.



No. 1131 Single Carrier

2 - 1 oz.

Carrier spacing: 6". Block provides "bumper-to-bumper" action, supported from 2 polyethylene wheels. Plated swivel for free, effortless and quiet curtain movement.

Carrier width: Approximately 1-3/16".



No. 1132 Master Carrier

1 - 2-1/4 oz.

Composed of a plated steel body with 4 solid polyethylene wheels. Extension arm provides 8" maximum overlap (4" in front of 4").

Carrier length: Approximately 7-1/2".



No. 1131-B Single Carrier

2 - 1 oz.

Carrier spacing: 6". Block, provides "bumper-to-bumper" action, supported from 2 nylon-tired ball-bearing wheels.

Carrier width: Approximately 1-3/16".



No. 1132-B Master Carrier

1 - 4 oz.

Similar to No. 1132 except equipped with 4" extension arm and 4 nylon-tired ball-bearing wheels. Also used on pinch-pleat installations. Provides 8" overlap. 4" in front of 4".

Carrier length: Approximately 7-1/2".



No. 1124-A Splicing Clamp

1 - 2 oz.

Anodized aluminum sleeve for joining track sections assuring proper alignment.

Approximately: 8" long x 1-3/8" wide x 1" high.



No. 1133 Live End Pulley

1 - 2 oz.

Equipped with 2 nylon ball-bearing wheels. Attaches to track end and also functions as an end stop.

Pulley bracket width: Approximately 1-1/4". Extends 1-1/2" beyond track end.



No. 1134 Dead End Pulley

1 - 1-1/2 oz.

Plated steel construction, equipped with 1 nylon-tired ball-bearing wheel.

Pulley bracket width: Approximately 1-1/4". Extends 1-1/2" beyond track end.

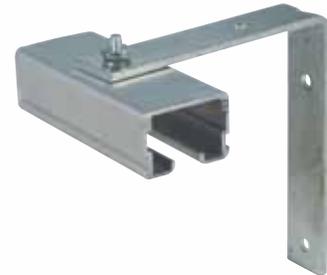


No. 1138 Hanging Clamp

1 pr. - 1 oz.

Plated steel construction, recommended spacing: 4'. Adjustable to any location. Chain or cable suggested for track suspension.

Approximately: 1-5/16" wide x 3/4" long x 1-7/8" high.



No. 2163 Projection Bracket

1 - 11 oz.

For use when track is to be mounted to side wall as opposed to overhead. Recommended spacing 2' on center along length of track. Projects center-line of track approximately 3-1/2" from side wall.

NOTE: CURTAIN FABRIC MAY RUB WALL WHEN STACKING

Approximately: 3-15/16" long x 3-11/16" high x 3/4" wide.



No. 1135 Tension Floor Pulley

1 - 3 oz.

Equipped with 1 nylon ball-bearing wheel. Tension spring provides cord tension. Approximately: 1" long x 3/4" wide x 7" high.



No. 1109 End Stop

2 - 1 oz.

Prevents carriers from slipping out of end of track.



No. 1163-AV Carrier

1 - 3 oz.

Used with No. 1100-A Channel to support light weight projection screens, maps, charts, etc. Steel block with 4 nylon tired ball-bearing wheels, S-hook, and swivel snap.

Carrier length: Approximately 1-3/4".



No. 1150 Cord

100' - 7 oz.

Synthetic center and stretch-resistant. For manually-operated tracks.

1/8" (No. 4-1/2)



No. 1151 Cable

100' - 1 lb. 3 oz.

Wire center. For machine-operated tracks. 1/8" (No. 4)

Installing A 113 Track? Consider...



Model No. 579 Drapery Machine

For light weight drapery applications requiring motorization, consider using the Tom Thumb® Model 579 machine.

This machine can attach to the ceiling at the track end, to a side wall, or the floor below the live-end pulley of the track system.

This machine plugs into a standard 120 Vac outlet and utilizes track mounted limit switches to signal the full open and full closed positions.

The Model 579 machine can also be equipped with an optional WRC-1 wireless remote control to eliminate the need for hardwiring the remote control station(s). Refer to page 104 for more information.



Refer to page 85 for more information on the WRC-1 wireless remote control.

Installing A 113 Track? Consider...



NOTE: Guards Not Shown

Model No. 1002-VED Curtain Machine

For applications with heavier curtains, consider using the Model 1002VED Tom Thumb® machine.

This type of machine is mounted to the floor directly below the live-end pulley of the track.

The machine offers a grooved cable drum to eliminate cable slippage, integral rotary limit switches for the open and closed positions, low voltage control and fixed speed operation.

The unit requires a hardwired 120 Vac, 60 hz power source and the hardwired remote controls (Class 2) require 4 conductors plus a ground.

The machine can also be equipped with the optional Model WRC-1 wireless remote control.

Refer to page 108 for more information on Model 1002-VED machines.

INSTALLATION INSTRUCTIONS SPECIFINE MODEL 113

BI-PART OPERATION

1. Lay the track channel (1100A) on the floor in an inverted position (track slot facing upward). Equally divide the single (1131) and master (1132) carriers for each half of the track. Do not insert the carriers into the track at this time. Line the carriers up on the floor at each end of the track channel with the master carriers being closest to the track following by the single carriers.
2. Place the live-end and dead-end pulleys on the floor following the single carriers.
3. Thread one end of the operating cord through one of the sheaves of the live-end pulley (1133) under the single carriers (between the wheels) and through the body of the master carrier. Continue the cord through the track, under the other half of single carriers, around the dead-end pulley (1134) back under the single carriers and to the second master carrier. Tie off the cord temporarily at the second master carrier.
4. Thread the remaining end of the operating cord through the floor pulley (1135) then around the other sheave of the live-end pulley, under the single carriers and by-pass the first master carrier. Continue the cord through the track, to the second master carrier and tie off temporarily at this master carrier.
5. Insert the master and single carriers into the channel from their respective ends making sure that the operating cord remains **between** the wheels of the carriers.
6. Insert and fasten the live and dead end pulleys into the channel ends. Be sure and remove some of the cord slack by repositioning the floor pulley and applying tension to the operating cord while this is done so that the cord remains seated in the sheave grooves and between the single carrier wheels.
7. The system can now be mounted to the ceiling or overhead structure. If the system is to be ceiling mounted, drill holes at track center at maximum 4-foot intervals along the track length and at the live-end and dead-end assemblies. The track system can then be attached to the ceiling or overhead structure with appropriate mounting hardware through these holes.

If the system is suspended, the track must be drilled and the live and dead end assemblies must bolted to the track channel ends. Hanging clamps (1138) are then bolted along the track channel at 4-foot maximum intervals. The track is then lifted into place and secured to the overhead structure with appropriate mounting hardware.

8. With the track securely mounted, mount the floor pulley (1135), or curtain machine (if motorized) to the floor directly under the live-end pulley. Make sure that the operating lines remain aligned with the live end pulley.

9. Position the master carriers at equal distances from their respective ends of the track channel. Remove slack from the system at the master carrier with the 2 cut ends of cord, be sure and loop the cord over the cord fingers of the master carrier and secure the cut ends with the cable clamps provided. At the other master carrier, pull the operating cord through the cord window of the master carrier body and loop it through the cord fingers of the master carrier.

ONE-WAY OPERATION

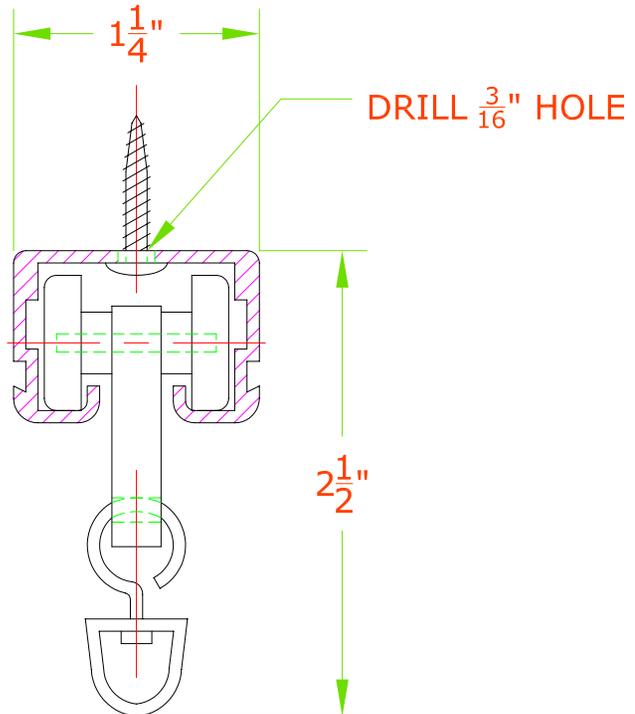
Follow the above procedure except use only one master carrier and place all of the single carriers behind this single master carrier. With this method the cut ends of the cord are located at the single master carrier.

IMPORTANT NOTES

- ◆ Due to the operating forces of the system, suspended systems should be supported at the two extreme ends of the track.
- ◆ Be sure and use appropriate mounting hardware for ceiling and suspended type systems.
- ◆ Make sure that the operating cord remains **between** the wheels of the carriers and does not cross over between the master carrier and the live and dead end pulleys.

REV

DATE:



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 2121 S. 12TH ST. ALLENTOWN, PA 18103

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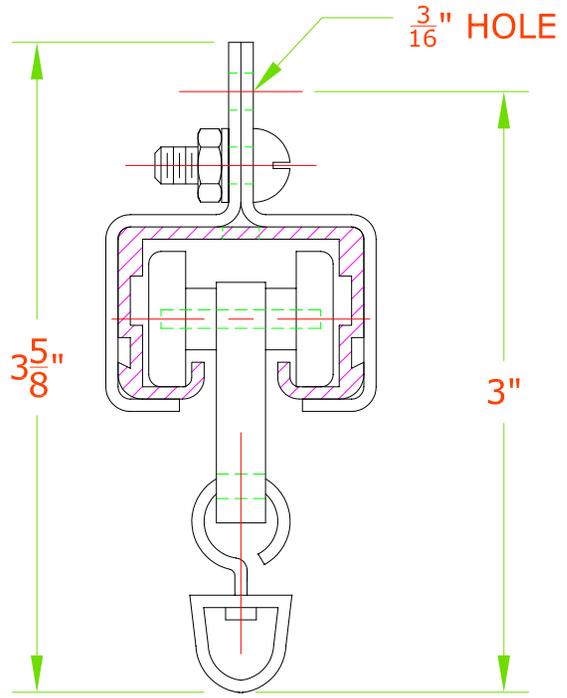
SIZE	DATE	SERIES
A	05/12/10	113

DRAWN BY	APPROVED BY	DESCRIPTION
JEK		113 CEILING MOUNT

SCALE 1:1	SHEET 1 OF 1	DWG. NO. CAT-113CEIL-10
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REV

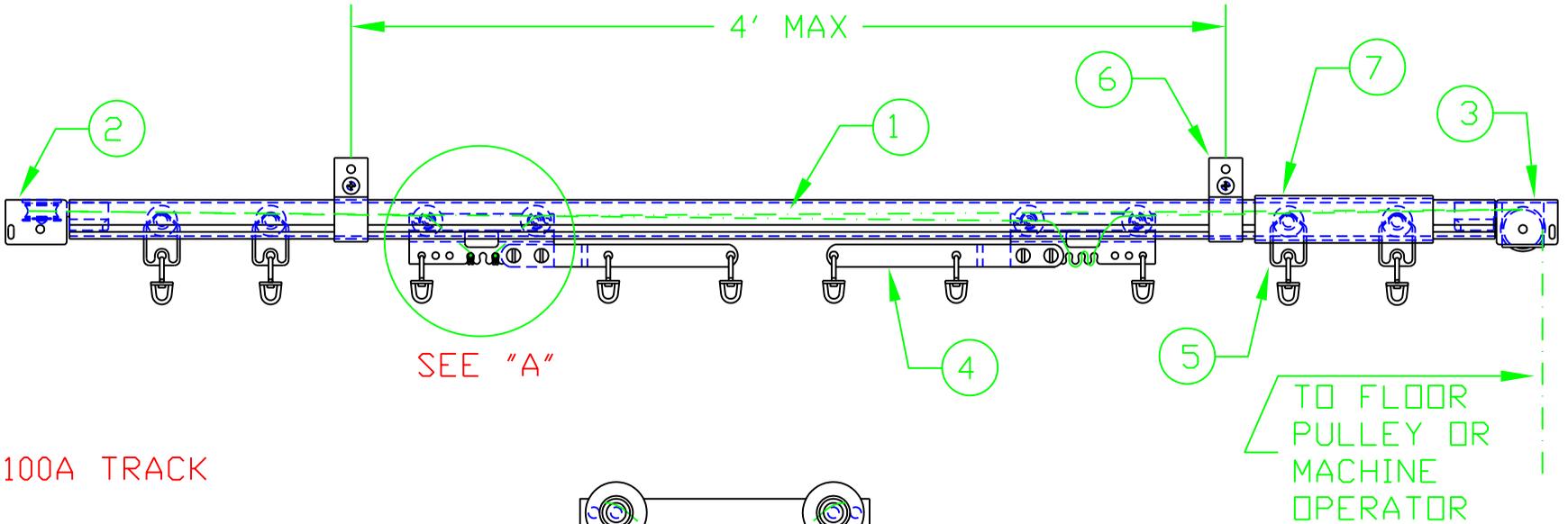
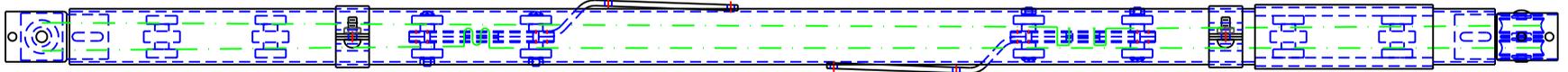
DATE:



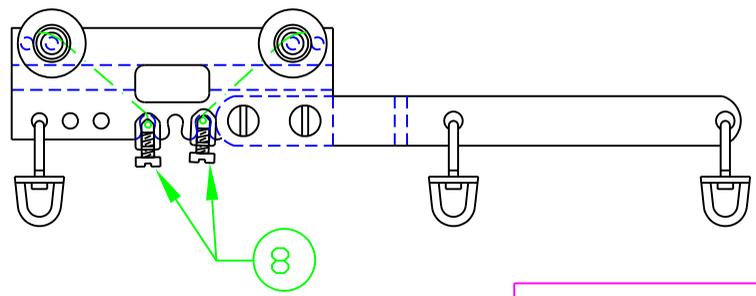
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SIZE	DATE	SERIES
A	05/12/10	113
DRAWN BY	APPROVED BY	DESCRIPTION
JEK		113 SUSPENDED
SCALE	SHEET	DWG. NO.
1:1	1 OF 1	CAT-113SUS-10

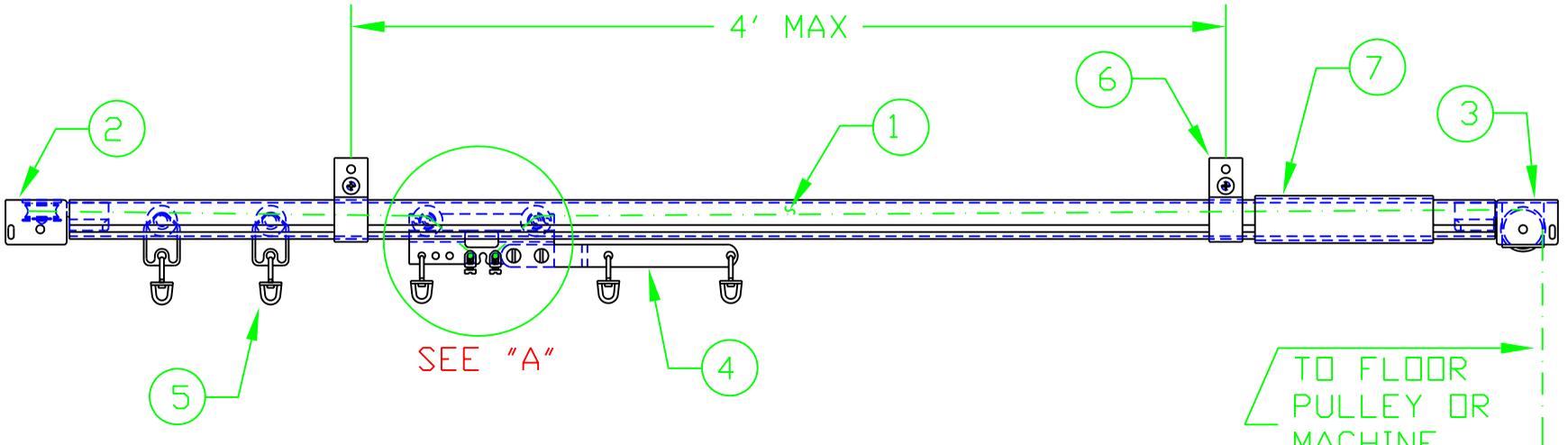
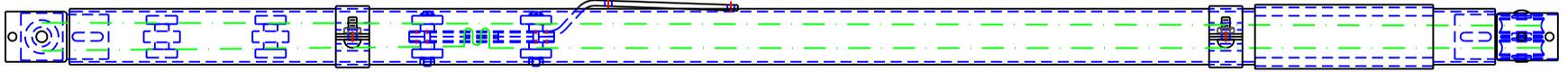


- ① 1100A TRACK
- ② 1134 DEAD END PULLEY
- ③ 1133 LIVE END PULLEY
- ④ 1132 MASTER CARRIER
- ⑤ 1131 SINGLE CARRIER
- ⑥ 1138 HANGING CLAMP (IF USED)
- ⑦ 1124A SPLICING CLAMP (IF NEEDED)
- ⑧ C-092 CABLE CONNECTOR

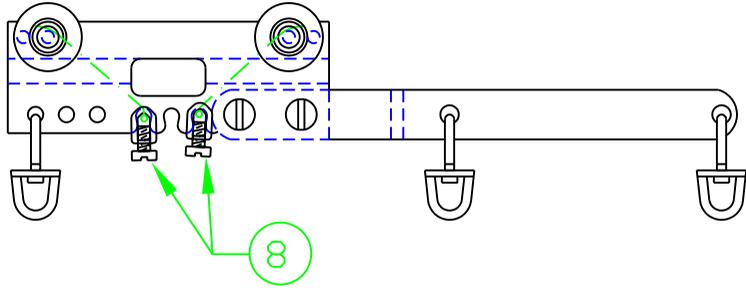


"A"
ENLARGED VIEW

AUTOMATIC DEVICES COMPANY 2121 S. 12TH ST. ALLENTOWN, PA 18103			
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SIZE	DATE	INSTALLATION	REV
A	08/18/98	INSTRUCTIONS	
DRAWN BY	APPROVED BY	DESCRIPTION 113 TRACK	
GAR		ASSEMBLY - BI-PART	
SCALE	SHEET	DWG NO.	
NTS	1 OF 2	II-113BP-98	



- ① 1100A TRACK
- ② 1134 DEAD END PULLEY
- ③ 1133 LIVE END PULLEY
- ④ 1132 MASTER CARRIER
- ⑤ 1131 SINGLE CARRIER
- ⑥ 1138 HANGING CLAMP (IF USED)
- ⑦ 1124A SPLICING CLAMP (IF NEEDED)
- ⑧ C-092 CABLE CONNECTOR



"A"
ENLARGED VIEW

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SIZE	DATE	INSTALLATION	REV
A	09/14/98	INSTRUCTIONS	
DRAWN BY	APPROVED BY	DESCRIPTION 113 TRACK ASSEMBLY - ONE-WAY	
GAR			
SCALE	SHEET	DWG NO.	
NTS	1 OF 2	II-113LEG-98	