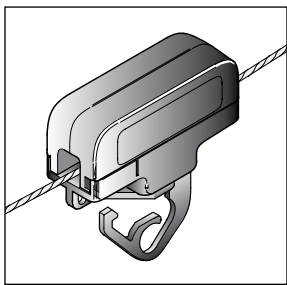
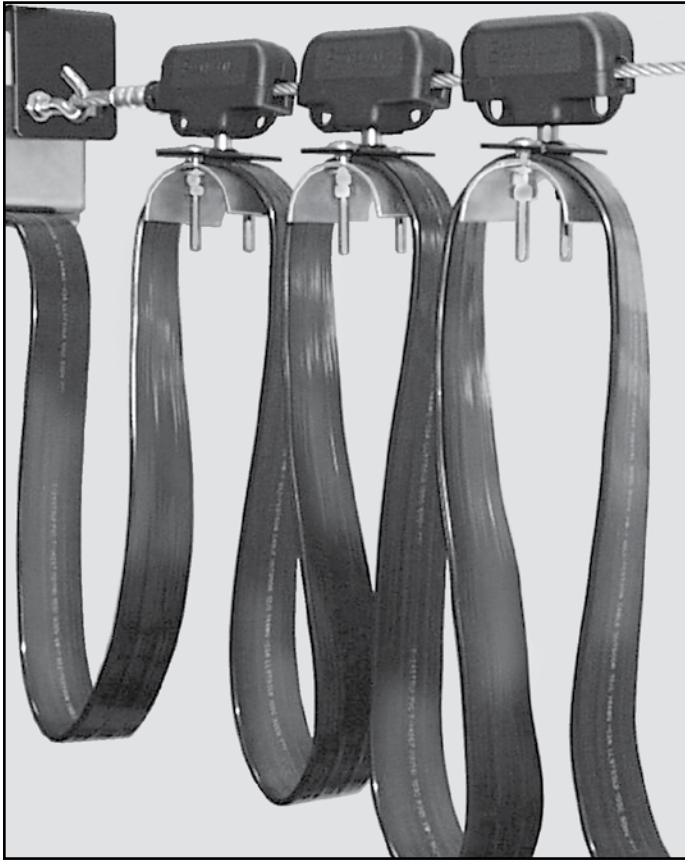


# Lock'n Roll FESTOON TROLLEYS

Parts slide together, lock automatically and the trolley is ready to roll. No fasteners to drop or lose. Removal or replacement is just as easy. Pre-engineered kits take the mystery out of festooning. Each kit includes everything you need. Just add cable or hose. Also available with tool hanger.



**WRS-01  
SINGLE HOOK  
TROLLEY**

*Includes steel Labyrinth tool hook.*

Molded nylon trolley is 3.25" (83mm) long. Wheels are molded Delrin thermoplastic. Includes one steel labyrinth hook for tool mounting. Trolley may be installed on existing wire rope through 3/8" (9mm) O.D. without unhooking and restretching rope. Weight: 4 oz (0.1kg).



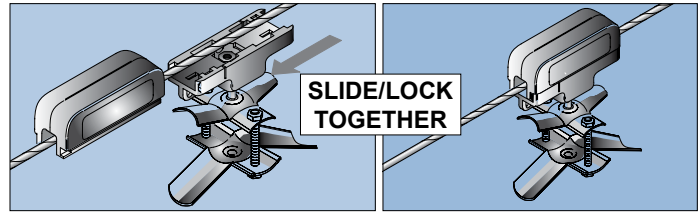
**WRS-02  
SINGLE HOOK TROLLEY with  
HOSE CONNECTOR**

*Wire rope, tool balancer and air hose not included.*

Same as #WRS-01 trolley plus longer tool hook and 1/4" air hose connector. Weight: 11 oz (0.15kg).

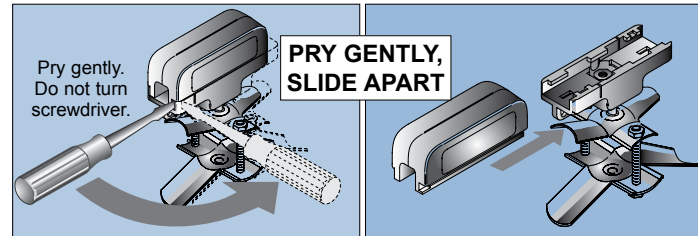
All Lock 'n Roll Trolleys have a 15 lb. weight capacity.

## • INSTALL QUICKLY •



**To install trolley** – Place top section in position on wire rope. Slide sections together until they snap (lock) in place. **NOTE: Sections may be assembled in only one way. Slide "un-blocked" end into "un-blocked" end. Do not force.**

## • REMOVE EASILY •



**To remove** – Insert straight bladed screwdriver into slot beside cable opening (not slot on side of trolley) and pry gently as shown above. Do not turn screwdriver. **Slide Apart.**

## • NO FASTENERS REQUIRED •

Fits standard Wire Rope from 3/16"(5mm) thru 3/8"(9mm)



**FRT-04**

For round cable or hose, 0.31" thru 0.59" (7-15mm) O.D. Fits 0.25" (6mm) I.D. hose, 600v cable #16/2-6, #14/2-4 or #12/2



**FRT-05**

For round cable or hose, 0.60" thru 0.94" (15-24mm) O.D. 0.38"-0.50" (10-13mm) I.D. hose, 600v cable #16/7-12, #14/5-12, #12/3-8, #10/2-6



**FRT-06**

For round cable or hose, 0.95"-1.25" (24-32mm) O.D. Fits 0.75" (19mm) I.D. hose.

*Special consideration should be given to large cable/hose applications.*



**FFT-08**

For flat cable to 2.1" x 0.66" (54 x 17mm) PVC jacketed cable #16/4-12, #14/4-12, #12/4-8, #10/4, #8/4, #6/4, and #4/4

# NYLON TROLLEY FESTOON KITS - WIRE ROPE

Kits feature **Lock 'n Roll** trolleys and include all necessary wire rope and hardware for complete festoon system. Cable or hose **not included** and must be ordered separately to suit application. Wire rope supplied for 48" loop depth plus extra for fastening at both ends.

### Kit Selection Procedure: You must know:

- 1- **CABLE or HOSE:** Use appropriate model chart for type (round or flat) cable/hose. If round, choose correct saddle size (FR04, FR05 or FR06)\*.
- 2- **LOOP DEPTH (LD):** 30" loop and 48" loop shown for planning purposes. Final loop depth should be between these two examples. With a given number of trolleys, **longer loop depth = longer travel**. However, loop depth is often dictated by available clearance beneath wire rope.
- 3- **ACTIVE TRAVEL (AT):** Select kit which best fulfills requirements. If your **system length** must be **longer** than system length specified for **active travel length** you require, order by system length so wire rope supplied with kit will not be too short.

**NOTE: Cable or hose are NOT INCLUDED.** Order, separately, footage shown on model chart plus length needed at each end for hook-up.

## FLAT CABLE KITS

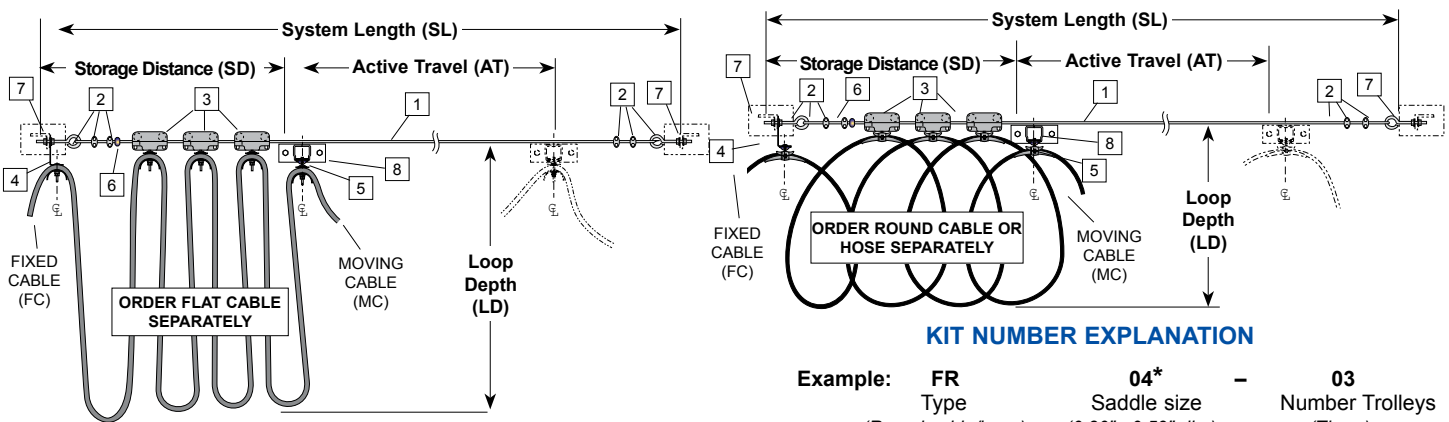
ACTIVE TRAVEL "AT"	KIT NO. (PRICE)	SYSTEM LENGTH "SL"	STORAGE DISTANCE "SD"	(1)MINIMUM CABLE REQUIRED
<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>	Maximum cable size: 0.65" x 2.0" (17 x 51mm)	<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>	MINIMUM. May be greater with stiff cable or short loop.	<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>
12' 20'	FF08-02	14' 23'	21"	15' 24'
16' 27'	FF08-03	19' 30'	25"	20' 32'
20' 33'	FF08-04	23' 37'	28"	24' 39'
24' 40'	FF08-05	27' 44'	32"	29' 47'
28' 47'	FF08-06	32' 51'	35"	34' 55'
32' 54'	FF08-07	36' 58'	39"	39' 63'
36' 60'	FF08-08	40' 65'	42"	42' 70'

## ROUND CABLE & HOSE KITS

ACTIVE TRAVEL "AT"	KIT NO. (PRICE)	SYSTEM LENGTH "SL"	STORAGE DISTANCE "SD"	(1)MINIMUM CABLE REQUIRED
<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>	Maximum cable size: 0.65" x 2.0" (17 x 51mm)	<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>	MINIMUM. May be greater with stiff cable or short loop.	<b>LOOP DEPTH</b> For planning purposes.(2) <b>30" 48"</b>
10' 18'	FR04*-02	13' 21'	21"	16' 25'
14' 24'	FR04*-03	17' 27'	25"	22' 34'
17' 30'	FR04*-04	21' 34'	28"	24' 42'
21' 37'	FR04*-05	25' 40'	32"	27' 50'
25' 43'	FR04*-06	28' 47'	35"	32' 58'
28' 49'	FR04*-07	32' 53'	39"	43' 67'
32' 55'	FR04*-08	36' 60'	42"	48' 75'

(1) **MINIMUM CABLE REQUIRED** length listed in chart is enough for **ACTIVE TRAVEL** only, measured centerline to centerline; see diagrams below. **ADD cable or hose to each end** as required for hook-up to your system.

(2) **ACTIVE TRAVEL, SYSTEM LENGTH** and **MINIMUM CABLE** values on charts are for **30" or 48" loop depths** and are provided as planning guide only. Kits include necessary components for festoon system with 48" loop depth at system length shown. Loop depth may be varied to suit application.



### KIT NUMBER EXPLANATION

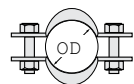
**Example: FF 08 - 03**  
 Type Saddle size - Number Trolleys  
 (Flat cable) (0.65"h x 2.0"w) - (Three)

### KIT NUMBER EXPLANATION

**Example: FR 04\* - 03**  
 Type Saddle size - Number Trolleys  
 (Round cable/hose) (0.30" - 0.59" dia.) - (Three)

\* **Saddle sizes:** Models shown on chart above are for 0.3"-0/59" dia. cable only. For larger diameters, use "05" or "06" at end of number, as shown here.

- FR04 = 0.30" to 0.59" (7-15mm) OD cable/hose.
- FR05 = 0.60" to 0.94" (15-24mm) OD cable/hose.
- FR06 = 0.95" to 1.25" (24-32mm) OD cable/hose.



## Definitions

- AT = Active Travel:** Distance moving end must travel to do job.
- SL = System Length:** Anchor-point to anchor-point of wire rope.
- SD = Storage Distance:** Wire rope hardware and trolleys butted together.
- LD = Loop Depth:** Maximum height of loop formed by cable or hose.

## Kit Components

- |                                     |                                |
|-------------------------------------|--------------------------------|
| [1] Wire Rope, length to suit SL    | [5] Tow Clamp/Clip (1)         |
| [2] Hardware as required            | [6] Bumper Stop (2)            |
| [3] Intermediate trolleys, by model | [7] Tension Bracket, optional. |
| [4] End Clamp (1)                   | [8] Tow arm bracket, optional. |

# STEEL TROLLEY FESTOON KITS - WIRE ROPE

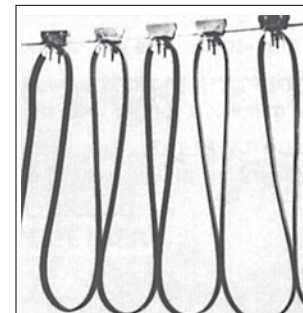
The quickest way to select a Tag Line festoon system is to use kits. For single cables or hoses, select the number of trolleys (middle two digits) for your travel - all the necessary parts come in the box. Add exact cable/hose for your job and it's finished.

## SELECTING A KIT:

**STEP 1** Determine Active Travel (AT) required and choose the appropriate kit from either the Flat Cable (WF) or Round Cable/hose (WR) table.

**STEP 2** Loop depth is assumed at 36" for all kits. Adjust to suit. Longer loop depth provides greater Active Travel, shorter loop depth provides less Active Travel. NOTE: Wire rope in kits is sufficient for System Length (SL) shown plus amount needed for securing at each end. If longer loop depth is to be used, order longer kit.

**STEP 3** Cable/hose NOT INCLUDED. Order separately length shown on table plus amount needed at each end for hook up to your system.

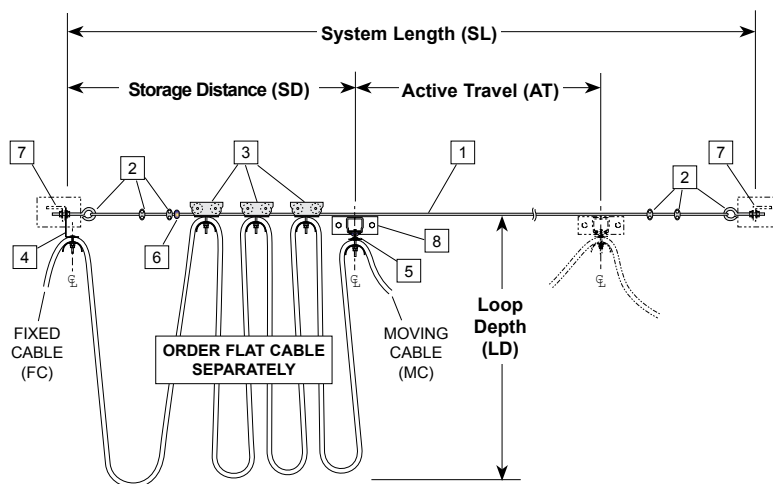


## FLAT CABLE KITS

KIT NUMBER	ACTIVE TRAVEL "AT"	CABLE/ HOSE MIN.*	STORAGE LENGTH "SD"	SYSTEM LENGTH "SL"
WF-03-36	20'	24'	25"	23' 0"
WF-04-36	24'	29'	28"	27' 3"
WF-05-36	29'	35'	32"	32' 9"
WF-06-36	34'	41'	35"	38' 0"
WF-07-36	39'	47'	39"	43' 4"
WF-08-36	44'	52'	42"	48' 7"
WF-09-36	49'	58'	45"	53' 10"
WF-10-36	54'	60'	51"	59' 4"

### KIT NUMBER EXPLANATION

**Example:** WF 03 - 36  
 Type Number Trolleys Loop Depth  
 (Flat cable) (Three) - (36")



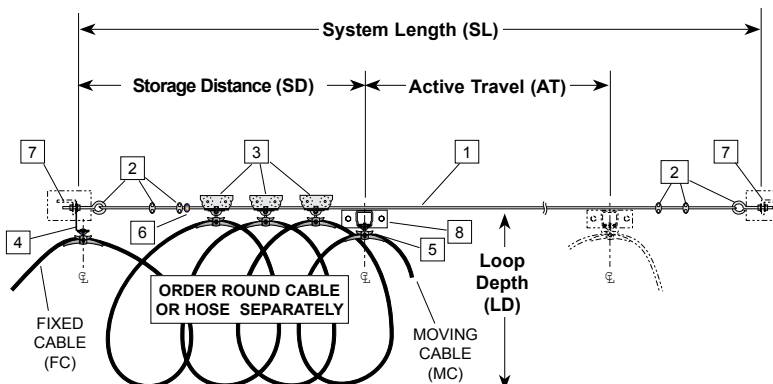
\* Minimum length of cable/ hose listed in charts above is enough for travel only. Add length needed at each end for hook-up to your system.

## ROUND\*\* CABLE & HOSE KITS

KIT NUMBER	ACTIVE TRAVEL "AT"	CABLE/ HOSE MIN.*	STORAGE LENGTH "SD"	SYSTEM LENGTH "SL"
WR-03-36	17'	26'	25"	20' 0"
WR-04-36	22'	32'	28"	25' 5"
WR-05-36	26'	38'	32"	29' 9"
WR-06-36	31'	45'	35"	35' 0"
WR-07-36	35'	51'	39"	39' 4"
WR-08-36	39'	60'	42"	43' 7"

### KIT NUMBER EXPLANATION

**Example:** WR 03 - 36  
 Type Number Trolleys Loop Depth  
 (Round cable) (Three) - (36")



\* Minimum length of cable/ hose listed in charts above is enough for travel only. Add length needed at each end for hook-up to your system.

\*\* WR trolleys have saddles to handle cable or hose up to 0.94" O.D. (3/8" I.D. hose).

## Definitions

- AT** = Active Travel: Distance moving end must travel to do job.
- SL** = System Length: Anchor-point to anchor-point of wire rope.
- SD** = Storage Distance: Wire rope hardware and trolleys butted together.
- LD** = Loop Depth: Maximum height of loop formed by cable or hose.

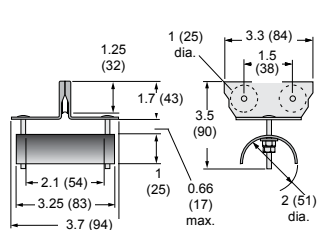
## Kit Components

- 1 Wire Rope, length to suit SL
- 2 Hardware as required
- 3 Intermediate trolleys, by model
- 4 End Clamp (1)
- 5 Tow Clamp/Clip (1)
- 6 Bumper Stop (2)
- 7 Tension Bracket, optional.
- 8 Tow arm bracket, optional.

**ADD TO FESTOON KITS OR BUILD FROM SCRATCH  
STEEL OR *Lock 'n Roll* TROLLEYS**

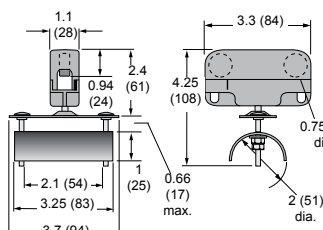
**COMPONENTS - Wire Rope Festoon**

**FLAT CABLE FESTOON COMPONENTS**



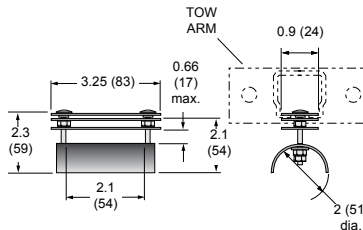
**STEEL TROLLEY  
W25-FC-32**

Description: Zinc plated steel with dual nylon wheels.  
Zinc plated steel cable clamp.



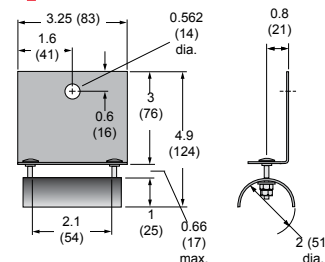
**Lock 'n Roll TROLLEY  
FFT-08**

Description: Fiberglass reinforced molded nylon with zinc plated steel cable clamp.



**TOW CLAMP  
W25-FT-02**

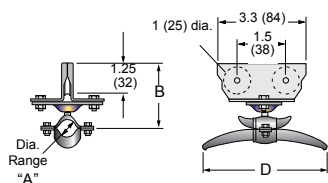
Description: Steel with zinc plating.



**END CLAMP  
W25-FE-02**

Description: Steel with zinc plating.

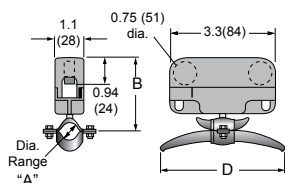
**ROUND CABLE & HOSE FESTOON COMPONENTS**



**STEEL TROLLEY**

MODEL NUMBER	*CABLE O.D. "A" in. (mm)	"B" in. (mm)	"D" in. (mm)
W25-RC-11	0.31-0.59 (7-15)	2.75 (70)	2.75 (70)
W25-RC-12	0.60-0.94 (15-24)	2.94 (75)	3.86 (98)
W25-RC-13	0.95-1.25 (24-32)	3.2 (81)	5.0 (127)

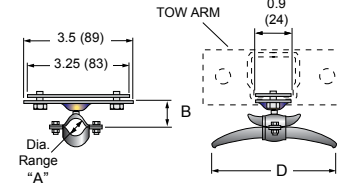
Description: Zinc plated steel with dual nylon wheels.  
Zinc plated steel cable clamp.



**Lock 'n Roll TROLLEY**

MODEL NUMBER	*CABLE O.D. "A" in. (mm)	"B" in. (mm)	"D" in. (mm)
FRT-04	0.31-0.59 (7-15)	2.4 (61)	2.75 (70)
FRT-05	0.60-0.94 (15-24)	2.6 (66)	3.86 (98)
FRT-06	0.95-1.25 (24-32)	2.9 (74)	5.0 (127)

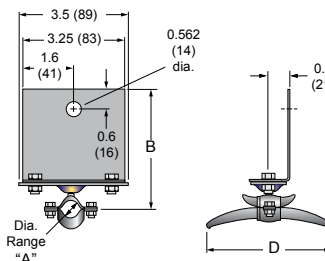
Description: Fiberglass reinforced molded nylon with zinc plated steel cable clamp.



**TOW CLAMP**

MODEL NUMBER	*CABLE O.D. "A" in. (mm)	"B" in. (mm)	"D" in. (mm)
W25-RT-11	0.31-0.59 (7-15)	1.25 (32)	2.75 (70)
W25-RT-12	0.60-0.94 (15-24)	1.44 (37)	3.86 (98)
W25-RT-13	0.95-1.25 (24-32)	1.7 (4.3)	5.0 (127)

Description: Steel with zinc plating.



**END CLAMP**

MODEL NUMBER	*CABLE O.D. "A" in. (mm)	"B" in. (mm)	"D" in. (mm)
W25-RE-11	0.31-0.59 (7-15)	4.06 (103)	2.75 (70)
W25-RE-12	0.60-0.94 (15-24)	4.25 (108)	3.86 (98)
W25-RE-13	0.95-1.25 (24-32)	4.5 (114)	5.0 (127)

Description: Steel with zinc plating.

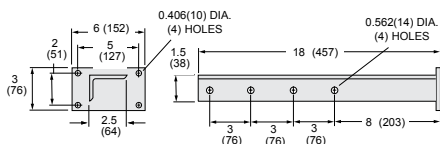
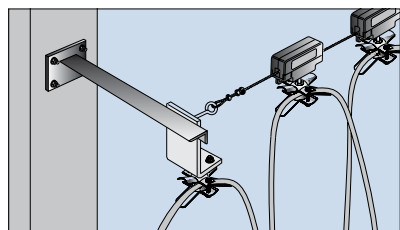
\* For type of hose or cable included in each O.D. range, refer to previous pages or "CABLE & HOSE DATA".

**OPTIONAL Components**

Flat Cable, Round Cable, Hose, Connectors: see "CABLE & HOSE DATA".

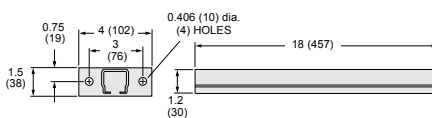
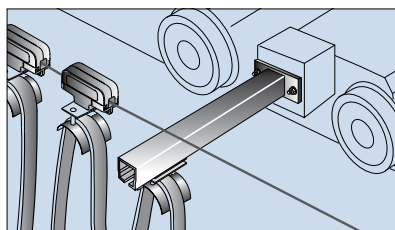
**Tension Bracket W25-BR-01**

Anchor ends of wire rope and fixed end of festoon.



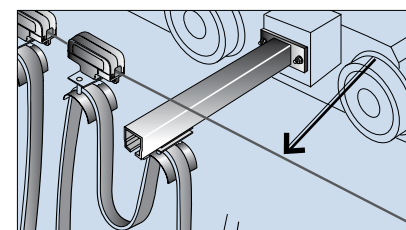
**Tow Arm W25-TA-01**

Use on moving end of festoon with Tow Clamp (above).



**Wire Rope W25-WR-01**

.25" OD Nylon-coated Wire Rope; wt. .086 lbs/ft.



**Hardware Kit W25-HW-01**

Includes: (2) 1" ID x 6" lg x .500" body eye bolts w/ hex nuts, (2) galv. steel thimbles, (4) galv. steel clips, (1) bumper stop (neoprene rubber); wt. 2.5 lbs.