



OWNER'S MANUAL

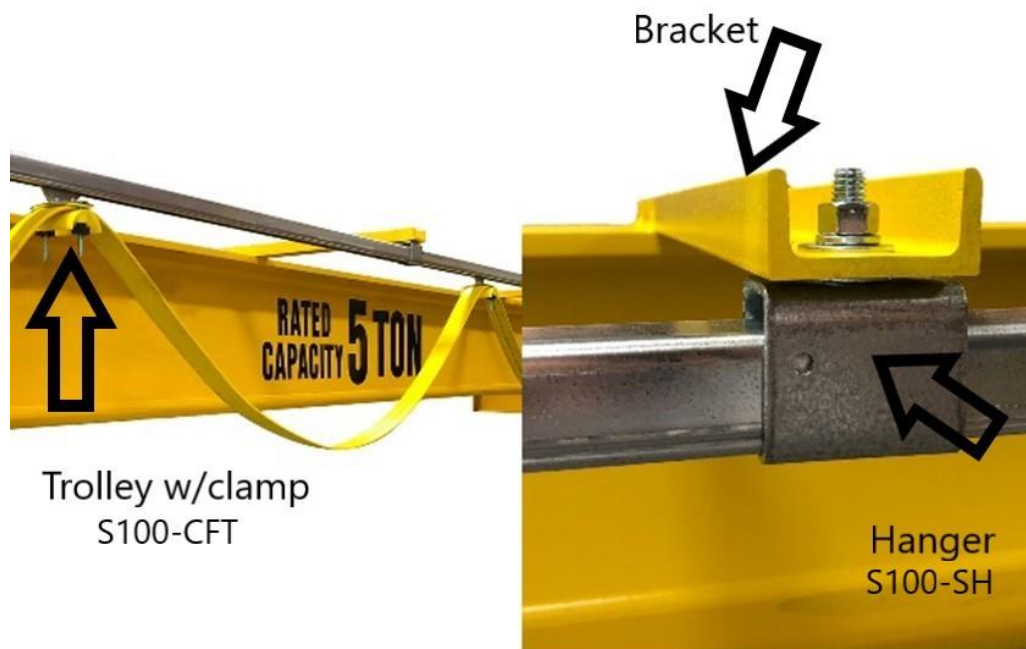
Festoon Kit Installation Instructions



Installing Your Starke Festoon Kit

1.1 Read these instructions first and then unpackage all the parts of your festoon kit. Get familiar with the different parts and be looking for the festoon brackets and bolt-on festoon track hangers. Optional customer supplied festoon brackets can be bolted or welded onto your beam. (see picture below)

Installing things in the order listed will result in the fastest and easiest assembly.



1.2 If the festoon brackets and festoon track are not pre-assembled use the track couplers (shown below) with hardware provided to assemble the track. Then bolt the festoon bracket through the hole on the top flange of the beam with C channel legs pointing up. (If there is no hole on your beam, you must drill holes as necessary.) **Spacing:** If no holes exist on your beam, space the festoon brackets (optional) (maximum spacing 79") evenly along the beam leaving 10" overhang of festoon track at each end of the bridge beam. (Measure in 10" from the end of your bridge and drill a hole 1-1/2" from the edge of the beam)

Now attach your festoon track to the festoon standard hangers first. Then bolt the festoon track and attached standard hangers through the hole in the festoon bracket. **Make sure to slide your track coupler on before** tightening your track in place.

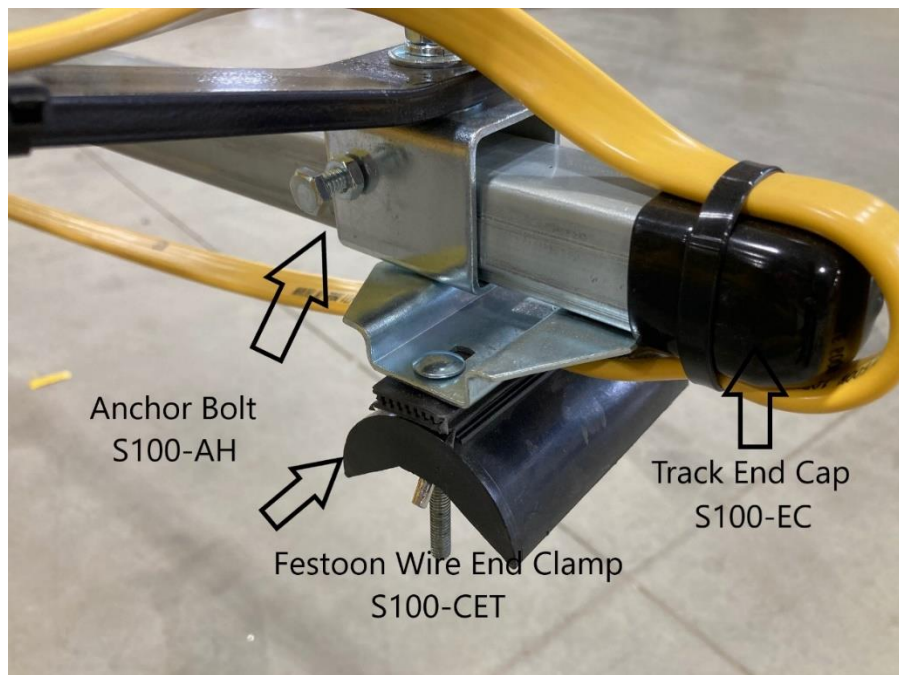
Note: There should be one track hanger with a bolt on the side of it. This hanger holds the track from sliding. **Do not overtighten this side bolt.** Tighten bolt enough that the track will not slide easily and then tighten the jam nut to hold in place.



1.3 Hold each festoon trolley and loosen the 2 bolts that hold the plastic clamp plate on the festoon trolley. Then roll the festoon trolleys into the festoon track without the festoon wire installed.



1.4 On the end of the beam nearest where your power supply for this festoon will be, install the single bolt anchor hanger S100-AH with the anchor bolt on the side of it. Then install the festoon trolley clamp style S100-CET with bolts to the track as shown below.



1.5 Install the festoon wire through festoon trolley plastic clamps leaving the plastic clamps loose at this time. Make sure to have enough festoon wire at the ends to make connections to your components. Tighten the festoon trolley clamp style track bolts. Position the festoon trolleys every 60" **along the festoon wire** and tighten the plastic clamp plate nuts on each trolley. Be sure not to over tighten as this could damage the festoon wire.

Note: For ease in measuring, festoon wire typically has 1 ft measurements printed on it.



Parts List

FESTOON TRACK, 13.12FT (4m).....	S100-13
SINGLE BOLT STANDARD HANGER.....	S100-SH
SINGLE BOLT ANCHOR HANGER.....	S100-AH
TRACK COUPLER.....	S100-TC
END CAP (RUBBER).....	S100-EC
FESTOON TROLLEY.....	S100-CFT
FESTOON TROLLEY CLAMP STYLE.....	S100-CET
AIR HOSE FESTOON TROLLEY.....	S100-AFT
AIR HOSE FESTOON END CLAMP	S100-AET
14 GA, 4 WIRE FESTOON CABLE.....	SFC4W-14AWG
14GA, 8 WIRE FESTOON CABLE.....	SFC8W-14AWG
14 GA, 12 WIRE FESTOON CABLE.....	SFC12W-14AWG
10 GA, 4 WIRE FESTOON CABLE.....	SFC4W-10AWG
Starke Trolley for use in Starke S300 enclosed track only	
S300 Enclosed Track Festoon Trolley.....	S300-CFT
Optional bolt on brackets shown on page 2:	
13 inch long bracket (bolt hole in each end).....	SET-90076
16 inch long bracket (bolt hole in each end).....	SET-90077
18 inch long bracket (bolt hole in each end).....	SET-90078
26 inch long bracket (bolt hole in each end).....	SET-90080



Starke Products Warranty

1 Year (12 Month) Parts & Labor Warranty

Unless otherwise specified, Starke guarantees that our products are free from material defects in design and workmanship under normal use, proper maintenance, and service.

This warranty is strictly limited to 12 months for single shift operation or 2,000 hours after installation, or 14 months after shipment, whichever is shorter. Within ten days after defect is found, warrantee must deliver a written notice to Starke providing defect information. All requested warranty information must be received promptly by Starke in no more than 5 business days.

Customer is responsible for all shipping charges on returned/warrantable items. Starke will cover the repair (parts and labor) at no charge or provide a replacement item at Starke's discretion.

This warranty does not cover defects or damage caused by acts of God, unusual wear and tear, improper use, or improper maintenance by the user. No responsibility for consequential damage is expressed or implied, and the responsibility under this warranty/guaranty is limited to the repair or replacement of the defective materials. Repair or replacement of the item is fully at the discretion of Starke.

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