



STS GW-7 Heavy Duty Reel

Installation and Operating Instructions

All reels are provided with right hand rotation unless otherwise specified. This means that spool rotates counter-clockwise to wind cable **when viewing reel from slip ring side.**

Clock-type springs provide power for cable take-up. **Spring must be pretensioned at time of installation** to ensure that tension is applied to cable at all times.

INSTALLATION

1. Securely mount reel in desired position using 3/8" (M10) bolts. Be sure spool centerline is aligned with cable run.
2. Position cable guide. Guide must be oriented so cable pays off reel **in a straight line** without bends.
3. Pull cable to maximum working length and adjust cable stop accordingly. At least one turn of cable should remain on spool. If the spool locks up prior to reaching required length, either reel was over-tensioned or reel capacity has been exceeded.
4. Change roller guide to desired position so the cable is not being pulled off at a 90-degree angle. See Figure 1 below.

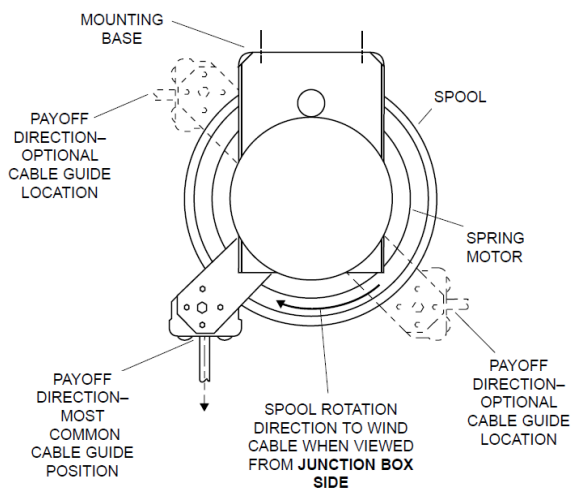
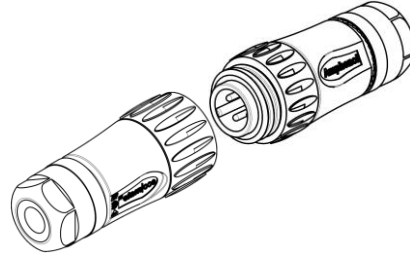


Figure 1

5. If installing with STS 300 Series Electronic Grounding System, connect reel with Quick Connect adapter provided.



LOCKING DOG

Reel is shipped with locking dog "engaged". If constant spring tension is required, locking dog may be disengaged by moving locking dog extension spring to alternate position on roller guide arm.

SPRING TENSION ADJUSTMENT

Adjust tension by adding wraps (increasing tension) or removing wraps (decreasing tension) from spool.

1. Pull 10' of cable allowing the spool to rotate.

INCREASE TENSION: Without allowing spool to rotate, hand feed cable through roller guide until loop is large enough to slip onto spool. Add two or three wraps until desired tension is achieved.

DECREASE TENSION: Without allowing spool to rotate, hand feed cable back through roller guide to provide slack. Remove one or two wraps from the spool.

2. Test reel, and repeat steps above to make additional adjustments.

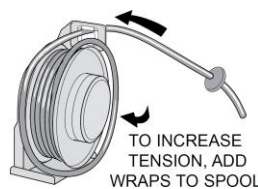


Figure 2

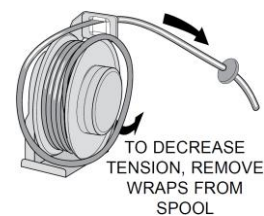


Figure 3



STS AW-7 Standard Duty Reel

Installation and Operating Instructions

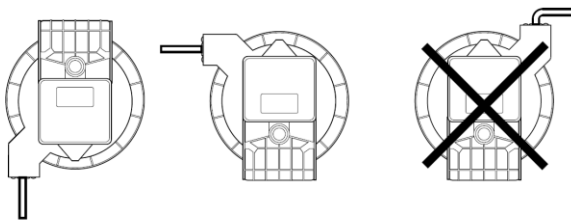
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Clock-type springs provide power for cable take-up. **Spring must be pretensioned at time of installation** to ensure that tension is applied to cable at all times.

INSTALLATION

1. Securely mount reel in desired position using 5/16" bolts. Be sure spool centerline is aligned with cable run.
2. Position cable guide. Guide must be oriented so cable pays off reel **in a straight line** without bends.
3. Pull cable to maximum working length and adjust cable stop accordingly. At least one turn of cable should remain on spool. If the spool locks up prior to reaching required length, either reel was over-tensioned or reel capacity has been exceeded.
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CORD GUIDE POSITIONS



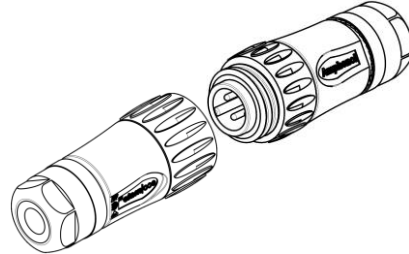
"UP" POSITION
Used primarily when inverted reel is mounted overhead for vertical cord feed or (rotated 90°) mounted low on wall or column for horizontal feed

"SIDE" POSITION
Mount with base up or down for horizontal cord feed. Rotate 90° to mount overhead on wall or column for vertical feed.

DO NOT MOUNT SO CORD MUST MAKE SHARP BEND WHEN EXITING CORD GUIDE. This can reduce cord life and hinder rewinding of cord onto reel.

Figure 1

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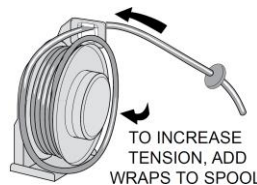


Figure 2

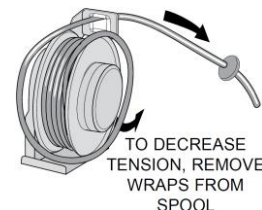


Figure 3