

Series 4000 Power and Light Cord Reels

Installing the Input Electrical Cable

Warning: Use only 12/3 or 16/3 cable for input wiring. Ensure that application does not exceed electrical rating of reel.

1. Feed input cable through elbow and main shaft. Make sure that input cable extends 6" from collector.
2. Screw elbow into reel.
3. Connect input wires and collector ring wires together using wire nuts.
4. Assemble cover to reel.

Installing the Output Electrical Cable

Warning: Select output cable in accordance with power requirement of apparatus to be supplied. Ensure that application does not exceed electrical rating of reel. Use extreme caution, reel under tension. Avoid releasing latch mechanism.

1. Manually turn sheave until spring is tight, back off 2 turns, and latch.
2. Remove access cover.
3. Remove 6" of output cable outer jacket and add fork terminals to ends.
4. Route cable through strain relief, then through cut out in spool.
5. Pull enough cable through for roughly 1/2 an inner wrap.
6. Connect output wires to terminal block.
7. Connect ground wire to grounding stud.
8. Using Ohmmeter check for ground faults.
9. Replace cover.
10. Release latch and wind cable onto reel.
11. Install cable bumper.

Adjustments

Spring Tension

If necessary, adjust spring tension on reel by adding or removing wraps of electrical cord from spool, one wrap at a time, until desired tension is obtained. Add wraps to increase tension. Remove wraps to decrease tension.

Warning: When adding wraps of electrical cord, be careful not to exceed the winding mechanism's spring capacity. Add just enough wraps of cord to achieve the desired tension. Damage to the winding mechanism will result if spring is over-tensioned. Always be aware of spring tension on reel. Exercise extreme caution.

Series 5000 Power and Light Cord Reels

Installing the Input Electrical Cable: 35 Amp Models

Warning: Use only 10/3 cable for input wiring. Ensure that application does not exceed electrical rating of reel.

1. Feed input cable through elbow and main shaft.
2. Screw elbow into reel.
3. Connect input wires and collector ring wires together using wire nuts.
4. Assemble cover to reel.

Installing the Output Electrical Cable: 35 AMP Models

Wire Color Code:

Black = Hot / White = Neutral / Green = Ground

Warning: Select output cable in accordance with power requirement of apparatus to be supplied. Ensure that application does not exceed electrical rating of reel. Use extreme caution, reel under tension. Avoid releasing latch mechanism.

1. Manually turn sheave until spring is tight, back off 2 turns, and latch.
2. Remove access cover.
3. Remove 6" of output electrical cable outer jacket.
4. Route cable through guide arm and U-clamp then through cut-out in spool.
5. Tighten U-clamp.
6. Using wire nuts, connect output electrical cable wires to collector assembly brush wires.
7. Connect ground wire of output electrical cable to ground lug located on inner side of spool.
8. Using ohmmeter, check for ground faults.
9. Replace access cover. Release latch and wind output electrical cable onto reel.
10. Install cable bumper.

Adjustments / Spring Tension

If necessary, adjust spring tension on reel by adding or removing wraps of electrical cord from spool, one wrap at a time, until desired tension is obtained. Add wraps to increase tension. Remove wraps to decrease tension.

Caution: When adding wraps of electrical cord, be careful not to exceed the winding mechanism's spring capacity. Add just enough wraps of cord to achieve the desired tension. Damage to the winding mechanism will result if spring is over-tightened. Always be aware of spring tension on reel. Exercise extreme caution.

Series 7000 Power and Light Cord Reels

Installing the Output Electrical Cable

Warning: Select output cable in accordance with power requirement of apparatus to be supplied. Ensure that application does not exceed electrical rating of reel. Use extreme caution; reel under tension. Avoid releasing latch mechanism.

1. Manually turn sheave until spring is tight. Back off three turns, then latch.
2. Remove access cover.
3. Remove 8" of output electrical cable outer jacket.
4. Loosen strain relief.
5. Route output electrical cable through U-clamps, cutout in spool, then through strain relief.
6. Tighten U-clamps and strain relief.
7. Using wire nuts, connect output electrical cable wires to collector assembly brush wires.
8. Connect ground wire of output electrical cable to ground lug located on inner side of spool.
9. Using ohmmeter, check for ground faults.
10. Install access cover.
11. Release latch and wind output electrical cable onto reel.
12. Install cable bumper.

Reel w/cord	AWG		Cord Length		# Wraps
L 4035 163 3	16	1.33	35'	11m	19
L 4050 163 3	16	1.33	50'	15m	19
L 4545 123 3	12	3.32	45'	14m	19
L 5550 123 3	12	3.32	50'	15m	21
L 4545 123 3A	12	3.32	45'	14m	19
L 5550 123 3A	12	3.32	50'	15m	21
L 4545 123 3B	12	3.32	45'	14m	19
L 5550 123 3B	12	3.32	50'	15m	21
L 5750 103 4	10	5.37	50'	15m	21
L 4545 123 7A	12	3.32	45'	14m	19
L 4545 123 7	12	3.32	45'	14m	19
L 5550 123 7	12	3.32	50'	15m	21
L 4050 163 9	16	1.33	50'	15m	19
L 4545 123 9	12	3.32	45'	14m	19
L 4545 123 9G	12	3.32	45'	14m	19
L 4035 163 1	16	1.33	35'	11m	19
L 4050 163 1	16	1.33	50'	15m	19
L 4035 A 163 5	16	1.33	35'	11m	19
L 4050 A 163 5	16	1.33	50'	15m	19
L 5245 A 163 6X	16	1.33	45'	14m	21
L 4035 162 2	16	1.33	35'	11m	19
L 4050 162 2	16	1.33	50'	15m	19
L 4035 163 8	16	1.33	35'	11m	19
L 4050 163 8	16	1.33	50'	15m	19
L 4035 163 10	16	1.33	35'	11m	19
L 4050 163 10	16	1.33	50'	15m	19

Reel w/out cord	AWG		Cord Length		# Wraps
L 4000	16	1.33	50'	15m	19
L 4100	16	1.33	40'	12m	19
L 4500	12	3.32	45'	14m	19
L 5000	10	5.37	35'	11m	19
L 5400	12	3.32	35'	11m	21
L 5500	12	3.32	50'	15m	21
L 5700	10	5.37	50'	15m	21
L 7000	6	13.3	35'	11m	16