

Clean Storm 18012017, Generator Grounding Kit Bonding Parts Assembly Parts



Model Number: 18012017

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Manufacturer: Clean Storm

Clean Storm 18012017, Generator Grounding Kit Bonding Parts Assembly Parts
Parts only. Does not include labor (optional \$15. See Drop Down.)

Description

Clean Storm 18012017 Generator Grounding Kit Bonding Parts Assembly provides essential components for safe generator bonding. This kit features a heavy-duty 14/3 extension cord, replacement NEMA 5-15P plug, and a copper grounding terminal to establish a reliable path of least resistance for ground faults at job sites.

Features

- Includes a heavy-duty 14/3 x 50 ft extension power cord with lighted NEMA 5-15 ends for high visibility and reliable power connection.
- Equipped with a durable replacement NEMA 5-15P male electrical plug (Hubbell HBL5965VY compatible) for secure repairs.
- Features a high-conductivity copper grounding terminal (14 AWG to 6 wire capacity) designed specifically for secure generator frame bonding.
- Engineered to divert electrical fault currents safely away from operators by establishing a robust path of least resistance.

Applications

- Portable generator grounding and electrical bonding on residential, commercial, and industrial job sites.
- Truckmount systems and carpet cleaning setups utilizing portable generators.
- Pressure washing rigs and mobile cleaning equipment requiring enhanced electrical safety compliance.
- General contractor power distribution systems needing reliable equipment-to-earth bonding.

Specifications

Brand

Clean Storm / Karcher / Hubbell

Model / Part Number

18012017 (M1352 / 8.623-415.0 / 8.663-448.0)

Primary Materials

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Copper, Heavy-Duty Vinyl/Rubber Jacket, Industrial Plastic

Wire Gauge
14/3 AWG (14 gauge, 3 conductor)

Cord Length
50 Feet

Plug Type
NEMA 5-15P Male Plug / NEMA 5-15 Lighted Ends

Grounding Terminal Range
14 AWG to 6 Wire capacity

Core Application
Generator Frame Bonding and Earth Ground Fault Protection

Package includes one each of the parts below.

Clean Storm M1352, Heavy Duty 14/3 x 50 ft Extension Power Cord
NEMA 5-15 Lighted Ends, 8.623-415.0, 000-178-004

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Karcher 8.663-448.0, Century Wire PK515P Replacement NEMA
5-15P Male Electrical Plug Repair Extension Cords 8.663-448.0 Hubbell HBL5965VY

Clean Storm 20170118, Copper Grounding Terminal, 14 AWG to 6
Wire, for Generator Frame Bonding

Parts only. Does not includes labor (optional \$15. See Drop down at top off page.)
Instructions:

- Take and cut off both the male plug and female plug off both sides of the extension power cord.
- Strip back all three wires about 5/16 of an inch off both sides. Twist all 3 wires together on one side and install/ secure to the replacement green screw inside of the 5-15 Plug. Do not install any wires to the gold or silver screw as you are only going to secure all 3 wires to the green screw.
- On the other side of the extension cord take all 3 wires and secure into the copper grounding terminal that you then secure to the grounding screw to your generator. You can optionally install some heat shrink over the grounding terminal and only leave the eyelet exposed.
- When you are at your job site, plug this newly attached 5-15 Plug into the wall while the other side of this cord is attached to your generator.

Your goal it to have all three wires inside of this extension cord secure the generator grounding to the ground of your job site. Your job site grounding pin on the wall will already be secured/grounded to the plumbing, natural gas line and electrical grounding rod for this job site. This is referred to as "generator bonding." This does

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not use or consume any electricity from the job site rather is just providing a path of least resistance in the event you have a ground fault. The idea behind a ground is that the ground becomes the path of least resistance instead of a human.

Please note that the generator ground will only be as good as the weakest link in the system so if the job site ground on the outlet is poor, your generator grounding will be poor. Read more about generator grounding and bonding on this OSHA document.

Read more about generator grounding at
Generator & Grounding
Picture of completed unit.
Parts only. Does not includes labor (optional \$15. See Drop down at top off page.)

Cross-Reference SKUs

Clean Storm 18012017

Clean Storm M1352

Karcher 8.623-415.0

Karcher 8.663-448.0

Century Wire PK515P

Hubbell HBL5965VY

Clean Storm 20170118

CleanStorm18012017

Tips and Additional Information

To assemble properly, cut off both ends of the extension cord, strip back all three wires 5/16 of an inch, and tie all three wires together to the green screw of the NEMA

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5-15 plug while leaving gold and silver screws unused. On the opposite end, secure all three wires into the copper grounding terminal and attach it firmly to your generator frame. Always verify that the job site wall outlet is properly grounded to plumbing, gas lines, or grounding rods before operation.

Frequently Asked Questions

Q: What is the primary purpose of this generator grounding kit?

A: This kit is designed to bond your portable generator's frame to the job site's established earth ground, providing a safe path of least resistance in the event of an electrical ground fault.

Q: Does this kit consume electricity during operation?

A: No, the bonding wire does not consume electricity; it remains inactive unless a ground fault occurs, at which point it safely directs fault current to the earth ground.

Q: How should the wires be connected inside the NEMA 5-15 plug?

A: All three stripped wires from the cord must be twisted together and secured exclusively to the green grounding screw. Do not connect any wires to the brass (gold) or silver current-carrying screws.

Warranty & Safety Information

This product includes standard manufacturer parts warranty coverage against defects in materials and workmanship under normal use. Warranty is strictly voided if components are modified improperly, subjected to electrical loads exceeding rated specifications, utilized without following correct assembly instructions, or used with faulty, damaged, or ungrounded job site power sources. Always inspect cords and connections for wear before each use to prevent electrical shock hazards.

Options available for Clean Storm 18012017, Generator Grounding Kit Bonding Parts Assembly Parts :

Labor

[Assembly Labor](#), -- [Self Assembly](#).

Availability: This product was added to our catalog on Wednesday 18 January, 2017