2016 Wand Handle Repair Instructions and Parts List

2016 New Style Wand Assembly - Part Number 52200

This style wand assembly is field serviceable. If there are any problems with wand function, most likely it can be repaired in the field with basic tools, and some key spare parts.

Suggested Spare Parts & Tools
   To keep with the machine to minimize downtime:
   • 52206 Wand Cable
   • 52208 Wand Switch
   • 51656 Terminal Strip
   • 1/8” Allen Wrench
   • 5/32” Allen Wrench
   • Small Philips Screw Driver
   • Flat Blade Screw Driver
   • Wire Stripper/Cutter
### New Hose and Wand Part Numbers

- **52400**  – 15’ Heated hose
- **52400K**  – 15’ Heated hose w/ harness ext.
- **52405**  – 18’ Heated hose
- **52405K**  – 18’ Heated hose w/ harness ext.
- **52211**  – Harness ext.
- **52200**  – 48” Wand assembly

---

15’ Heated Hoses are usually used on EZ Series II Machines
18’ Heated Hoses are used on Super Shot Machines
When installing an old wand onto a new hose you will need to use the 52211 harness extension.

No harness extension is needed when installing a new wand onto an old hose, the new wand cable is long enough.
Old Wand to New Hose
Old Wand to New Hose with 52211 Extension Harness

*Old strain relief shown on 52211
Approx. 21” long

*New strain relief shown
*Old strain relief shown on 52206 wand cable
52201LN – Wand handle left side
52201RN – Wand handle right side w/ inserts
52202N  – Trigger actuator (2 finger lever)  
52203N  – Trigger lock
52204  – Wand tube
52206  – Cable assembly
52207  – Actuator spring
52208 – Wand switch (electric switch)
52209 – Actuator pin
51656 – Terminal strip
29001 – Pan head screw (2) needed for 52208
28824 – Pan head screws (2) needed for 51656
28750 – Socket head screw (7) needed for handle
32305 – Socket head screw (4) needed for handle
50278 – Long Clamp On Tip Guard
28700 – ¼-20 x ½” Bolt
50270 – Duck Bill Valve with Slot
26084 – Gear Clamp, Mini #12
51756 – Adapter, Duck Bill, 5/8” Tube
50277 – Wand Tip Warning Decal
Installing the Terminal Strip

51656 terminal strip

52201RN right side handle

28824 pan head screws
Terminal Strip Location
52208 Wand Switch
Wire Connections on Switch

Note wire locations on switch

Not used
Zip tie holds cord assembly in place

*New strain relief style does not need a zip tie

Older 52206 cable assembly
New 52206 cable assembly

*New strain relief does not need a zip tie
Install Cord Grip Into Handle

Make sure flats on cord grip match flats in handle to keep cable from rotating.

Old Style Cable w/ Zip Tie

New Style Cable

No Zip tie

Zip tie
2016 Wand Handle Repair Instructions and Parts List

Route 2 Wires Under the Switch (Black and White Wires)
29001 pan head screws
2 needed
Each wire should be stripped back ¼”, then bare strands of wire twisted, and placed under the screw clamp fully. Tighten screw to hold securely.

If your terminal strip does not have square clamps under the screws, contact Crafco for a new 51656. There also shouldn’t be soldered wires under the screw head.
Bend Wires Over the Screws
2016 Wand Handle Repair Instructions and Parts List

Trigger Actuator Parts

52202N Trigger Actuator
52209 Act. Pin
52207 Act. Spring
52203N Trigger Lock
Insert Spring onto Post of Trigger Actuator
Slide Actuator and Spring into Place
Install Pin

Check switch activation. Bend switch lever if necessary
Important Locations for the Trigger Actuator

- Pin location
- Spring location
- Switch lever location
Install Trigger Lock

Unlocked position, check trigger action
Locked position, check trigger action
Install Left Side Handle

52201RN right side handle has the nut inserts

52204 wand tube

32305 large screws for handle

28750 socket head Screw 10-32 X 1” (7)

52201LN left side handle
Install Left Side Handle Screws

- Apply Blue Thread Locker to screws, Torque to 22 In-lbs
  (4) Larger Screws
- Apply Blue Thread Locker to screws, Torque to 14 In-lbs
  (7) Smaller screws
Threaded Tip Removal

- Use 2 wrenches.. 1 on hex part of wand, 1 on flats of tip, and loosen tip by turning Counter-Clock Wise.