

# Versa-Sprayr IPS Manual Gun Cable Replacement

## 1. Introduction

This instruction sheet provides instructions for replacing a Versa-Spray IPS manual gun cable. The cable incorporates an operator ground wire that is terminated at the multiplier heat sink. Early versions of the 4- and 8-meter cables did not have this wire. The cable service kit includes a new cable with trigger switch, a trigger actuator, and the screws and washers needed to secure the trigger to the handle.

## 2. Installation



**WARNING:** Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.

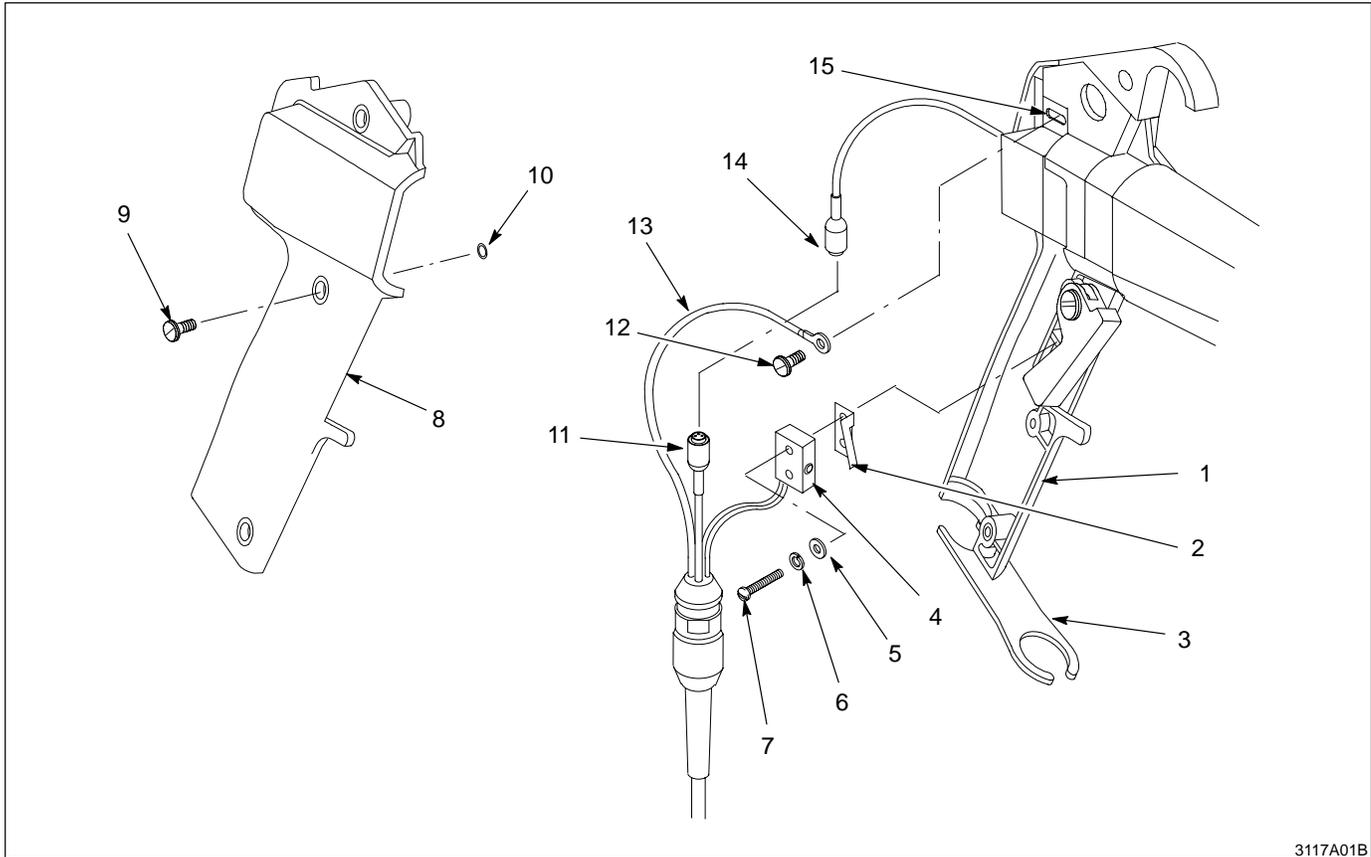


**WARNING:** Turn off the electrostatic voltage and ground the gun electrode before performing the following tasks. Failure to observe this warning could result in a severe shock.

1. See [Figure 1](#). Loosen the three captive screws (9) in the handle cover (8). Remove the cover from the handle (1).
2. Disconnect the multiplier connector (14) from the cable connector (11).
3. Remove the screw (12) and ground wire (13) from the handle.
4. Remove the two screws (7), lock washers (6) and flat washers (5). Remove the switch (4) and actuator (2) from the handle.
5. Rotate the hose bracket (3) slightly and release the cable. Note how the cable fits into the hose bracket and handle base.
6. Fit the new cable into the hose bracket and handle base. Route the ground wire around the end of the multiplier. Insert the screw (12) through the ring-tong terminal on the end of the ground wire (13) and the heat sink bracket (15). Tighten the screw securely.
7. Connect the cable connector (11) to the multiplier connector (14). Arrange the wiring so that it will not be pinched between the handle and the cover when the cover is reinstalled.
8. Install the actuator on the switch and secure both to the two threaded inserts in the handle with the screws, flat washers, and lock washers.

**2. Installation** (contd.)

9. Reinstall the handle cover on the handle.



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Fig. 1 Replacing the Gun Cable

- |                   |                   |                          |
|-------------------|-------------------|--------------------------|
| 1. Handle         | 6. Lock washers   | 11. Cable connector      |
| 2. Actuator       | 7. Screws         | 12. Screw                |
| 3. Hose bracket   | 8. Handle cover   | 13. Ground wire          |
| 4. Trigger switch | 9. Captive screws | 14. Multiplier connector |
| 5. Flat washers   | 10. O-rings       | 15. Heat sink bracket    |

**3. Parts**

Use the following list to order replacement cable service kits.

Part	Description	Note
133 716	Service kit, cable, IPS, 4 meters	
133 715	Service kit, cable, IPS, 8 meters	
163 408	Service kit, cable, IPS, 12 meters	

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