



Instruction Sheet P/N 1071378A

Prodigy™ HDLV™ Pump Lance Powder Tube Fitting Kit



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

Use this kit to replace broken powder tube fittings in the Prodigy HDLV pump lance head. Each kit comes with the parts to replace two fittings.

Kit Contents

See Figure 1.

Item	Part	Description	Quantity	Note
—	1071376	KIT, fitting upgrade, lance	1	
1	-----	• COLLET	2	
2	-----	• CARTRIDGE, half	2	
3	-----	• O-RING, nitrile	2	

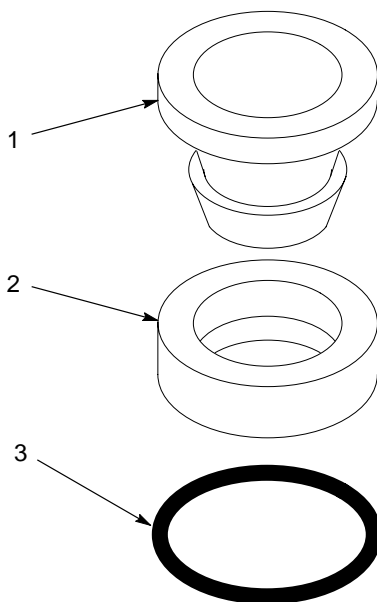


Figure 1 Lance Fitting Kit Parts

Fitting Replacement

1. See Figure 2. Pull the cap (1) off the body (2). Slide the cap several inches up the existing powder tubing.
2. Unscrew the body from the head (3). Pull the head away from the body to access the tube fittings.
3. Disconnect the powder tube from the damaged head fitting by pressing down on the fitting while pulling on the tubing.
4. Carefully remove the old collet, cartridge, and O-ring from the head. Be careful not to scratch the cavity walls.
5. Make sure the cavity is clean and all pieces of the old cartridge have been removed.
6. Install the new fitting parts using these steps and the cross-section details in Figure 2.
 - a. Press the new cartridge into the cavity. The cartridge must be flush with the face of the lance head.
 - b. Insert the O-ring into the cavity.
 - c. Insert the collet into the cavity.
7. Connect the powder tubing to the fitting and assemble the lance.

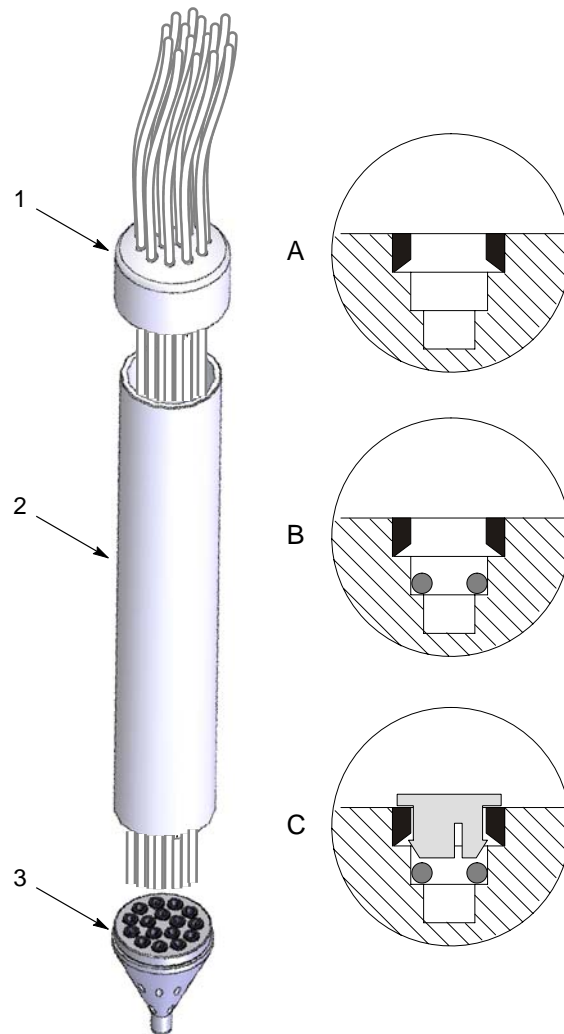


Figure 2 Powder Tube Fitting Replacement

- | | |
|---------|---------|
| 1. Cap | 3. Head |
| 2. Body | |

Issued 6/06

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