

Encore[®] Lance Extensions

Introduction

This instruction sheet covers Encore 150-, 300-, 450-, and 600-mm Lance Extensions. These extensions can be used on both Encore and Encore LT manual powder spray guns.

Installation

1. Remove the deflector (if used), nozzle nut, and nozzle from the spray gun.
2. Remove shipping cap from the front of the lance assembly and the shipping paper from inside the lance housing.
3. Pull the electrode assembly out of the lance housing. Remove the shipping cap from the end.
4. Install the lance electrode assembly on the end of the spray gun electrode assembly.
5. Install the lance housing over the electrode and onto the end of the spray gun. Tighten the housing on the gun.
6. Remove the lance nozzle sleeve from the end of the lance housing, install the nozzle on the lance housing, and secure it with the lance nozzle sleeve.
7. Install the deflector (if used) on the end of the electrode. Be careful not to bend the electrode wire.

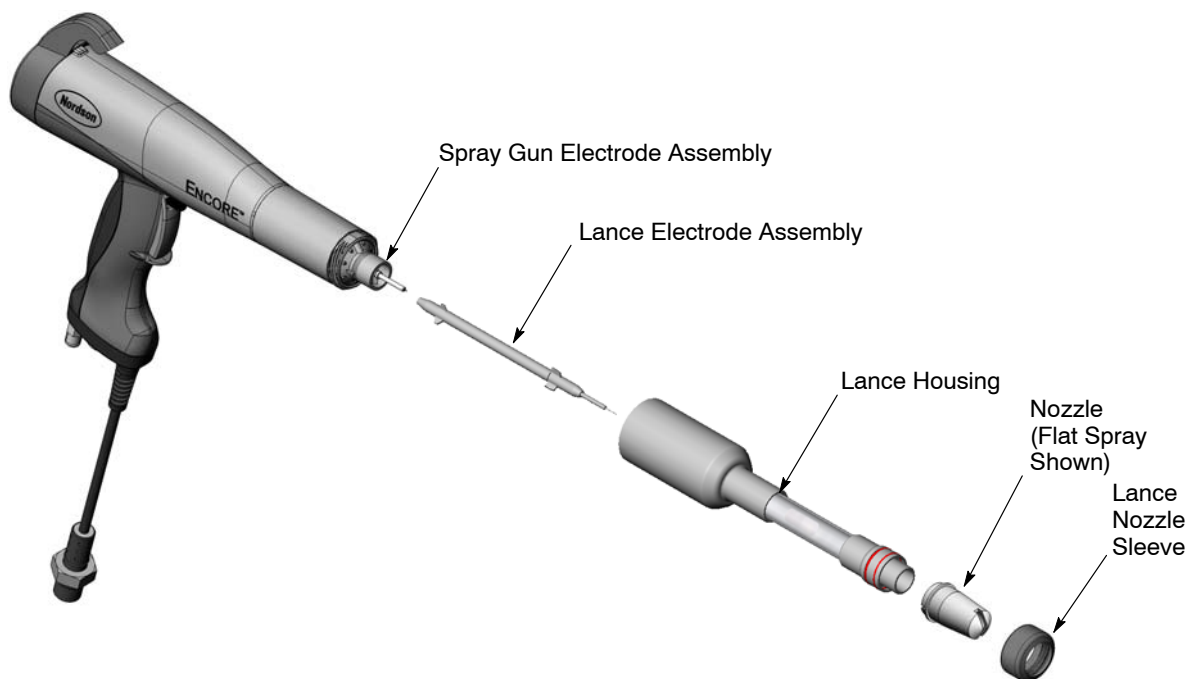


Figure 1 Lance Installation

Parts

150-mm Lance Extension

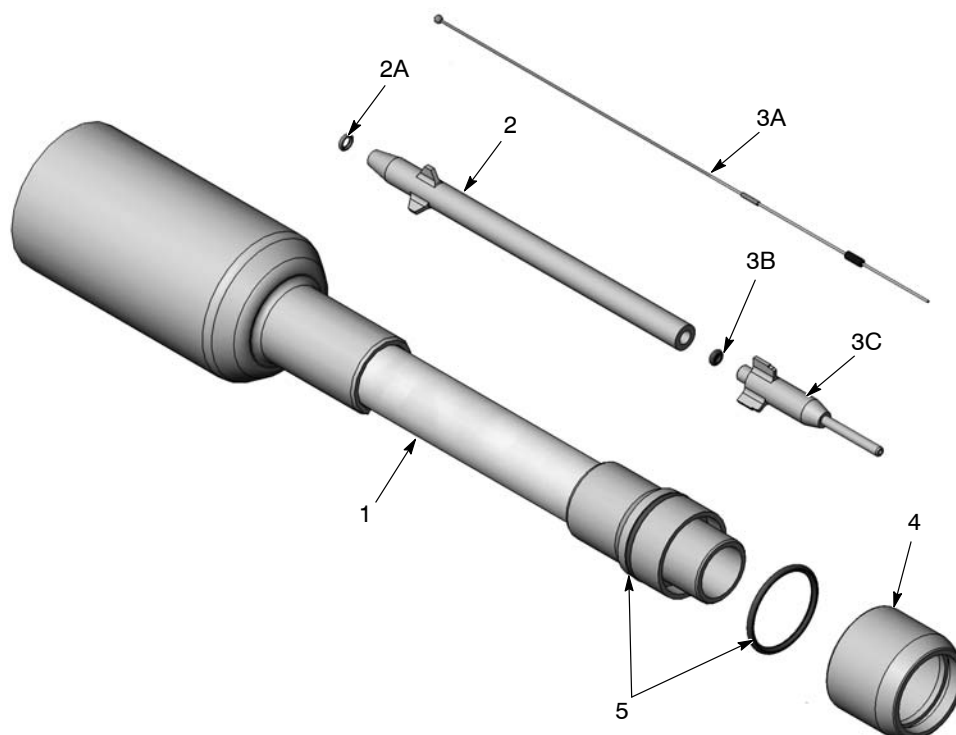


Figure 2 150-mm Lance Extension Parts

Item	Part	Description	Quantity	Note
–	1609888	EXTENSION, lance, 150 mm, Encore	1	
1	1093606	• HOUSING, 150 mm Encore lance, packaged	1	A
2	1093611	• KIT, electrode sleeve, Encore lance	1	
2A	1082930	• • O-RING, silicone, 3 mm ID x 1 mm wide	1	
3	1609892	• KIT, electrode and sleeve, lance, 150 mm, Encore, packaged	1	
3A	– – – – –	• • ELECTRODE, lance, 150 mm, Encore	1	
3B	1098004	• • O-RING, –003, silicone, Duro 70	1	
3C	1609878	• • SLEEVE, electrode, lance, Encore	1	
4	1092209	• SHROUD, nozzle, lance, Encore	1	B
5	940212	• O-RING, silicone, 0.938 x 1.063 x 0.063	2	B

NOTE A: O-Ring 940212 is included in the packaged housing.

B: O-ring 940212 is required for shroud installation and must be purchased separately.

300-mm Lance Extension

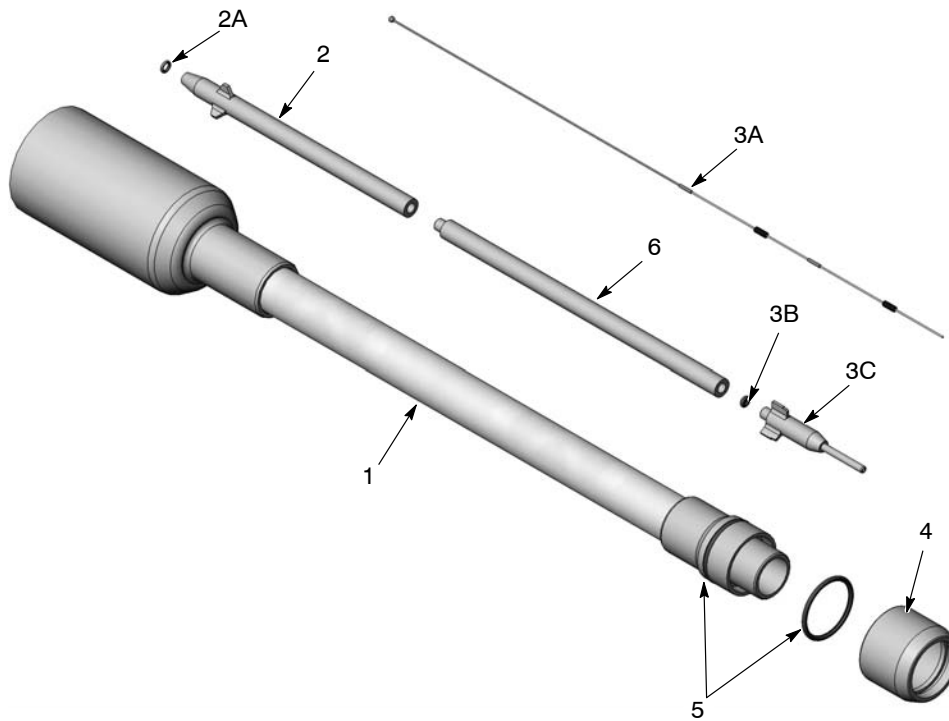


Figure 3 300-mm Lance Extension Parts

Item	Part	Description	Quantity	Note
–	1609889	EXTENSION, lance, 300 mm, Encore	1	
1	1093607	• HOUSING, 300 mm Encore lance, packaged	1	A
2	1093611	• KIT, electrode sleeve, Encore lance	1	
2A	1082930	• • O-RING, silicone, 3 mm ID x 1 mm wide	1	
3	1609893	• KIT, electrode and sleeve, lance, 300 mm, Encore, packaged	1	
3A	– – – –	• • ELECTRODE, lance, 300 mm, Encore	1	
3B	1098004	• • O-RING, –003, silicone, Duro 70	1	
3C	1609878	• • SLEEVE, electrode, lance, Encore	1	
4	1092209	• SHROUD, nozzle, lance, Encore	1	B
5	940212	• O-RING, silicone, 0.938 x 1.063 x 0.063	2	B
6	1092222	• SLEEVE, extension, lance, Encore	1	

NOTE A: O-Ring 940212 is included in the packaged housing.

B: O-ring 940212 is required for shroud installation and must be purchased separately.

450-mm Lance Extension

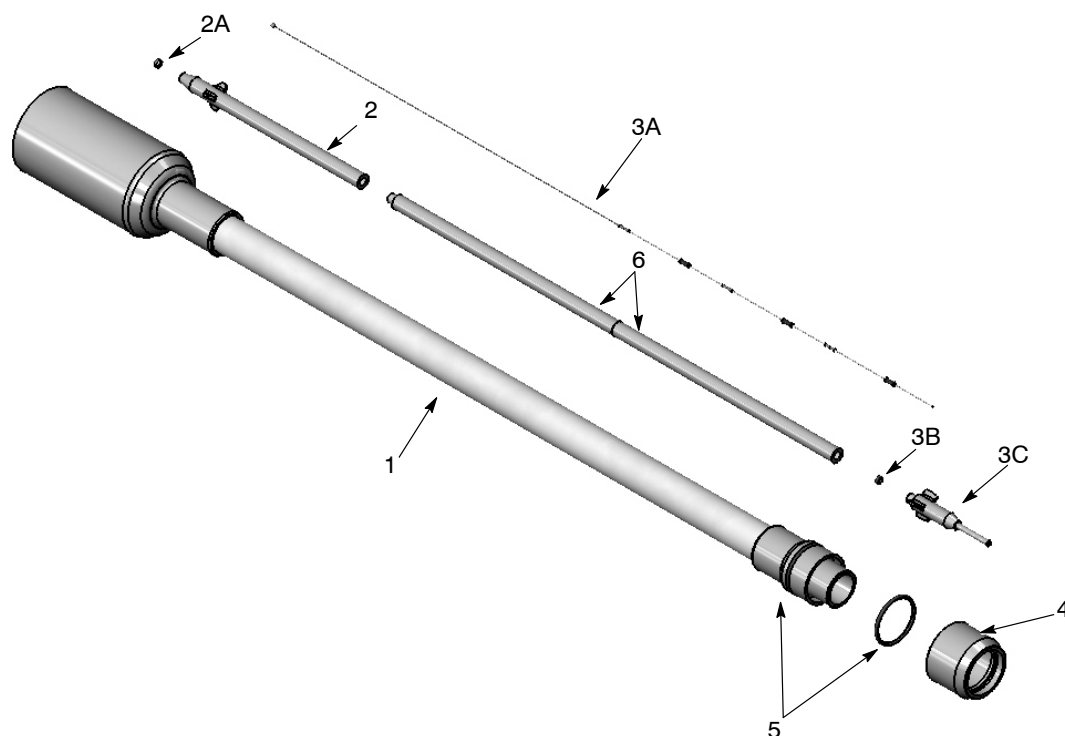


Figure 4 450-mm Lance Extension Parts

Item	Part	Description	Quantity	Note
–	1609896	EXTENSION, lance, 450 mm, Encore	1	
1	1606797	• KIT, lance housing, 450 mm lance, Encore	1	A
2	1093611	• KIT, electrode sleeve, Encore lance	1	
2A	1082930	• • O-RING, silicone, 3 mm ID x 1 mm wide	1	
3	1609900	• KIT, electrode and sleeve, 450 mm lance, Encore, packaged	1	
3A	– – – – –	• • Electrode, 450 mm lance, Encore	1	
3B	1098004	• • O-RING, –003, silicone, Duro 70	1	
3C	1609878	• • SLEEVE, electrode, lance, Encore	1	
4	1092209	• SHROUD, nozzle, lance, Encore	1	B
5	940212	• O-RING, silicone, 0.938 x 1.063 x 0.063	2	B
6	1092222	• SLEEVE, extension, lance, Encore	2	

NOTE A: O-Ring 940212 is included in the packaged housing.

B: O-ring 940212 is required for shroud installation and must be purchased separately.

600-mm Lance Extension

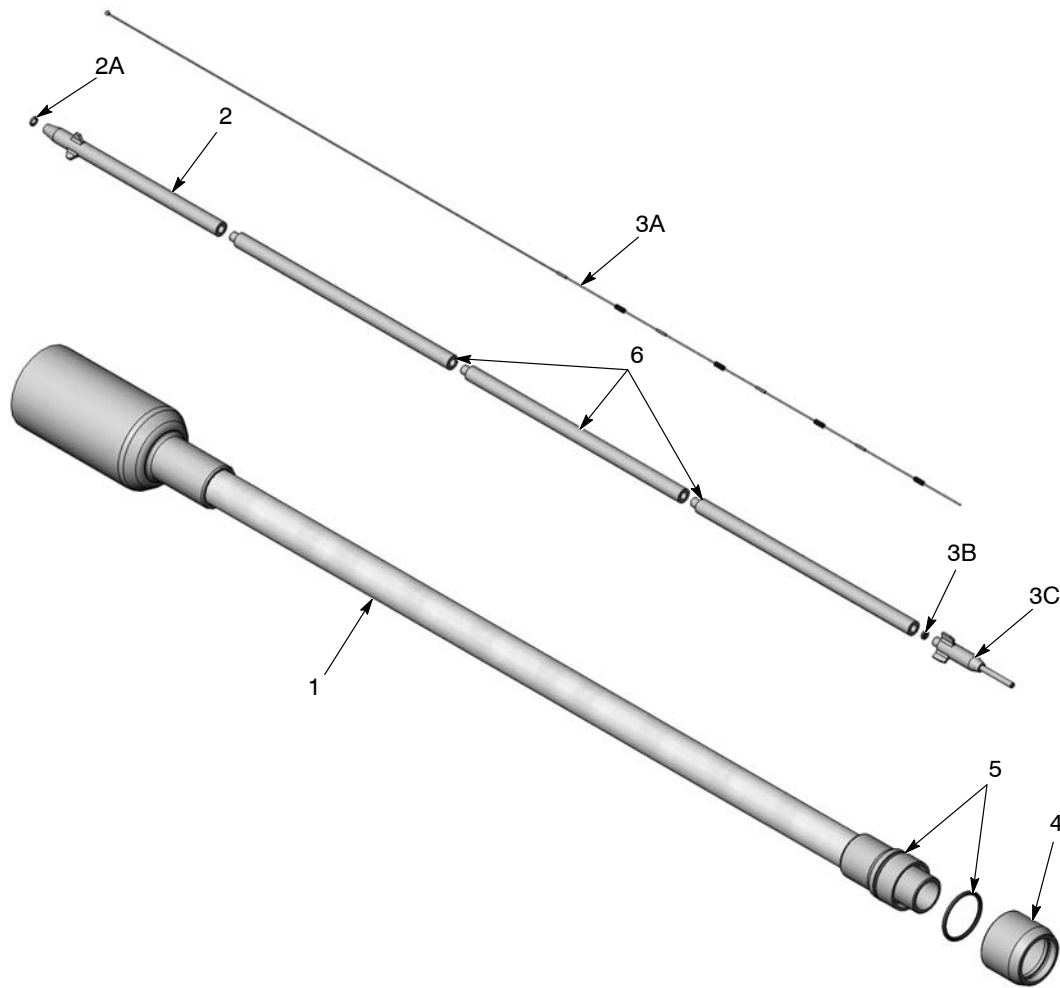


Figure 5 600-mm Lance Extension Parts

Item	Part	Description	Quantity	Note
–	1609897	EXTENSION, lance, 600 mm, Encore	1	
1	1600811	• HOUSING, 600 mm Encore lance, packaged	1	A
2	1093611	• KIT, electrode sleeve, Encore lance	1	
2A	1082930	• • O-RING, silicone, 3 mm ID x 1 mm wide	1	
3	1609901	• KIT, electrode and sleeve, lance, 600 mm, Encore, packaged	1	
3A	– – – – –	• • ELECTRODE, lance, 600 mm, Encore	1	
3B	1098004	• • O-RING, –003, silicone, Duro 70	1	
3C	1609878	• • SLEEVE, electrode, lance, Encore	1	
4	1092209	• SHROUD, nozzle, lance, Encore	1	B
5	940212	• O-RING, silicone, 0.938 x 1.063 x 0.063	2	B
6	1092222	• SLEEVE, extension, lance, Encore	3	

NOTE A: O-Ring 940212 is included in the packaged housing.

B: O-ring 940212 is required for shroud installation and must be purchased separately.

Pattern Adjuster Kit for Lance Extensions

Use this pattern adjuster with the lance extensions and 16, 19, and 26-mm conical nozzle deflectors listed in the Encore manuals.

Refer to the instruction sheet shipped with the pattern adjuster for installation instructions and repair parts.

Part	Description	Note
1100012	KIT, pattern adjuster, Encore lance extension.	

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