

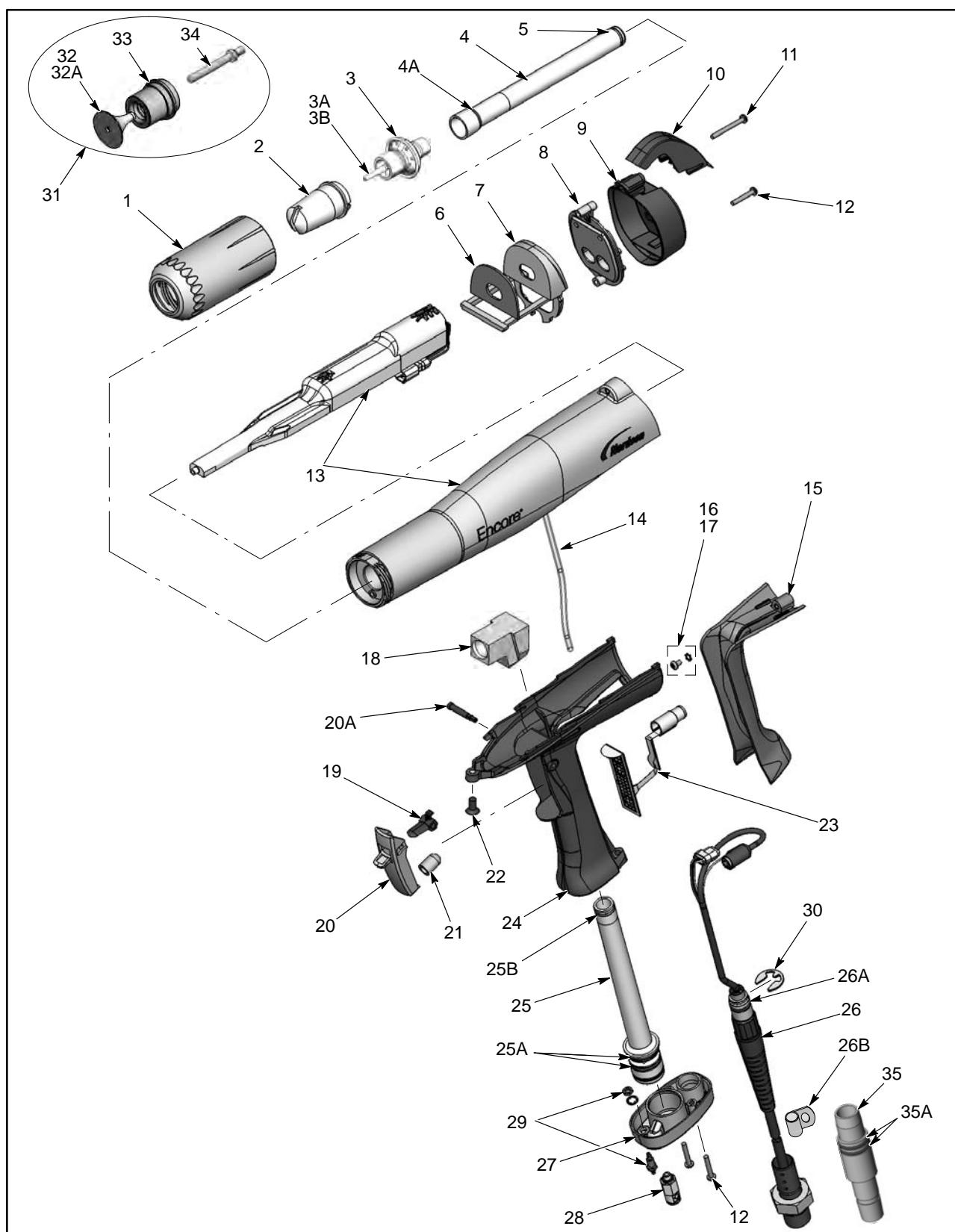
Spray Gun Parts Illustration


Figure 7-1 Exploded View of Encore LT Manual Spray Gun and Accessories

Spray Gun Parts List

See Figure 7-1.

Linked Parts Manual
 Click on the Images and Part numbers

Item	Part	Description	Quantity	Note
-	1106893	HANDGUN assembly, Encore LT	1	
1	1081638	• NUT, nozzle, handgun	1	
2	1081658	• NOZZLE, flat spray, 4 mm	1	A
3	1604824	• ELECTRODE ASSEMBLY, Encore, flat spray	1	F
3A	1106078	• • ELECTRODE, spring contact	1	
3B	1605863	• • HOLDER, electrode, M3, flat spray, Encore	1	F
4	1085024	• KIT, powder outlet tube, Encore	1	D
4A	941113	• • O-RING, silicone, 0.438 x 0.625 x 0.094 in.	1	
5	1081785	• • O-RING, silicone, 0.468 x 0.568 x 0.05 in.	1	
6	1088502	• GASKET, multiplier cover, handgun	1	
7	1106872	• BULKHEAD, multiplier, handgun, Encore LT/XT	1	
8	1087559	• COVER, housing, Encore	1	
9	1087558	• HOUSING, gun, Encore	1	
10	1087760	• HOOK, handgun	1	
11	1078075	• SCREW, pan head, recessed, M3 x 30, zinc	1	
12	760580	• SCREW, Philips head, M3 x 20, zinc	3	
13	1608280	• KIT, negative power supply/manual body, Encore	1	G
14	1088558	• • FILTER ASSEMBLY, handgun	1	
15	1106871	• HANDLE, ground pad, handgun, Encore LT/XT	1	
16	983520	• WASHER, lock, internal, M3, zinc	1	
17	982427	• MACHINE SCREW, pan head, recessed, M3 x 6, zinc	1	
18	1096695	• ELBOW, powder tube, handgun	1	D
19	1081540	• TRIGGER, purge, setting, handgun	1	
20	1606999	• KIT, trigger w/ axle, Encore	1	
20A	-----	• • AXLE, trigger, solid, spray gun, Encore	1	
21	1106892	• • ACTUATOR, switch, trigger, Encore LT/XT	1	
22	1088601	• SCREW, flat head, recess, M5x 10, nylon	1	
23	1108095	• KIT, trigger switch, Encore LT	1	
24	1106870	• HANDLE, handgun, Encore LT/XT	1	
25	1085026	• KIT, powder inlet tube, Encore	1	
25A	1084773	• • O-RING, silicone, 18 mm ID x 2 mm wide	2	
25B	1081785	• • O-RING, silicone, 0.468 x 0.568 x 0.05 in.	1	
26	1106756	• CABLE ASSEMBLY, spray gun, manual, Encore LT, 6 meter	1	E
26A	940129	• • O-RING, silicone, conductive, 0.375 x 0.50in.	1	
26B	1604500	• • CLAMP, cable, 0.25 ID x 0.05 thick, white	1	
27	1087762	• BASE, handle, handgun	1	
28	1081617	• CHECK VALVE, male, M5 x 6 mm	1	
29	1081616	• FITTING, bulkhead, barb, dual, 10-32 x 4 mm	1	
30	1081777	• RETAINING RING, external, 10 mm	1	
31	1604828	• KIT, conical nozzle, Encore		
32	1083206	• • DEFLECTOR ASSEMBLY, conical, 26 mm	1	A

Item	Part	Description	Quantity	Note
32A	1098306	• • • O-RING, Viton, 3 mm x 1.1 mm wide	1	B
33	1082060	• • NOZZLE, conical	1	A
34	1605861	• • HOLDER, electrode, M3, conical, Encore	1	
35	1106200	• KIT, hose adapter, hose, handgun, Encore	1	
35A	940157	• • O-RING, Viton, black, 0.563 x 0.688, 10415	2	
NS	900617	• TUBE, polyurethane, 4 mm OD, clear	AR	C
NS	900741	• TUBING, polyurethane, 6/4 mm, black	AR	C
NS	900620	• TUBING, poly, spiral cut, 3/8 in. ID	AR	C

NOTE A: 4-mm flat spray nozzle, conical nozzle and 26 mm deflector are shipped with the spray gun. Refer to the following pages for optional nozzles.

B: This O-ring is a component of all deflectors.

C: Order in increments of one foot or one meter.

D: Also available in wear resistant material. Refer to Spray Gun Options.

E: Optional 6 meter extension available, refer to Spray Gun Options.

F: For flat spray nozzle use only. Use kit item 31 to convert for conical nozzle and deflector use.

G: Application Specific: Order part number 1609053 if a positive power supply is needed. The positive power supply is sold separately from the gun body (1088506).

AR: As Required

NS: Not Shown

Spray Gun Options

Miscellaneous Spray Gun Options

See Figure 7-1.

Item	Part	Description	Quantity	Note
4	1096698	KIT, powder outlet tube, wear resistant	1	
4A	941113	• O-RING, silicone, 0.438 x 0.625 x 0.094 in.	1	
4B	1081785	• O-RING, silicone, 0.468 x 0.568 x 0.05 in.	1	
18	1096696	ELBOW, powder tube, Encore, impact resistant	1	
NS	1100012	KIT, pattern adjuster, Encore lance extensions	1	A
NS	1085168	CABLE, 6 meter extension, shielded, Encore manual	1	
NS	1100777	KIT, cup gun, Encore	1	B

NOTE A: This pattern adjuster kit is only for use with a lance extension. See page 7-8 for the standard pattern adjuster kit.

B: Refer to the instruction sheet 1102764 shipped with the kit for instructions.

NS: Not Shown

Flat Spray Nozzles

The 4-mm flat spray nozzle is shipped with the spray gun. All other flat spray nozzles are optional.

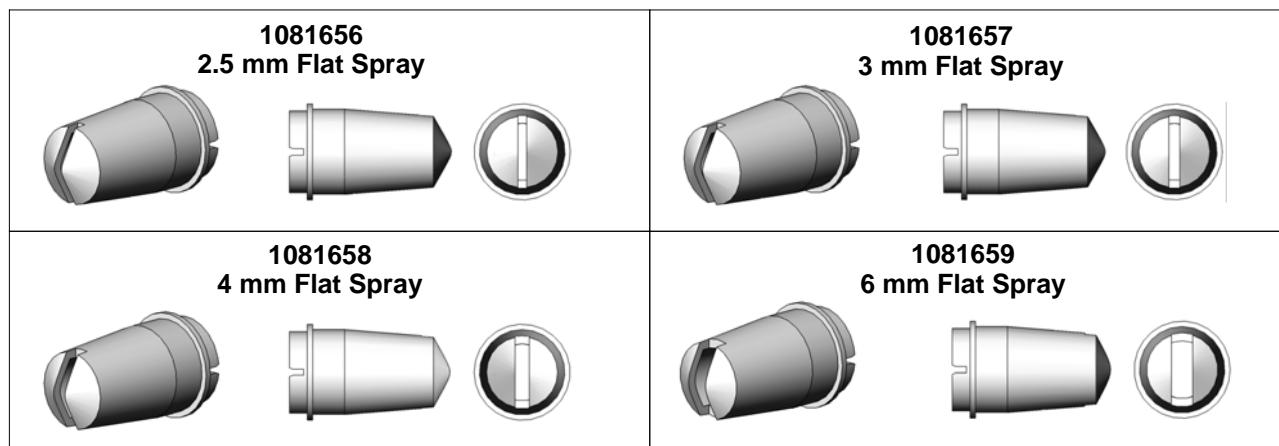


Figure 7-2 Flat Spray Nozzles

Cross-Cut Nozzles

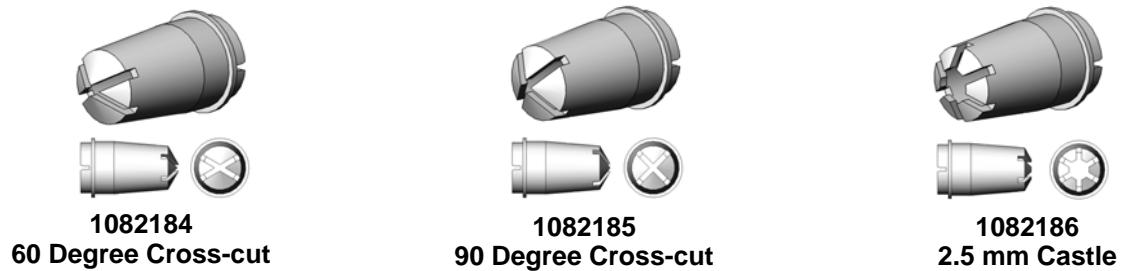


Figure 7-3 Cross-cut Nozzles

45-Degree Corner-Spray Nozzle

See Figure 7-4.

[Linked Parts Manual](#)
 Click on the images and Part numbers

Spray Pattern	Wide fan pattern perpendicular to the spray gun axis
Slot Type	Angled, cross slot
Application	Flanges and recesses

Part	Description	Note
1102872	NOZZLE, corner spray, Encore	

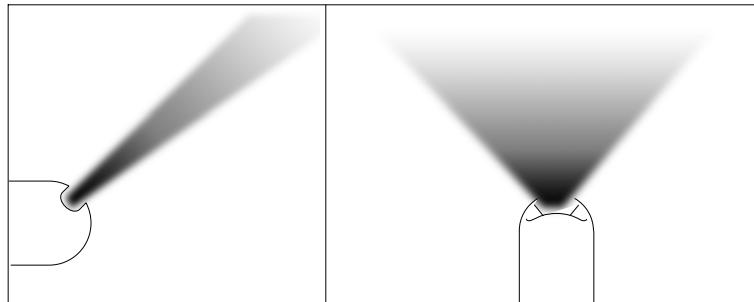


Figure 7-4 45-Degree Corner Spray Nozzle

45-Degree In-Line Flat-Spray Nozzle

See Figure 7-5.

Spray Pattern	Narrow fan pattern in-line with spray gun axis
Slot Type	Three angled slots in-line with spray gun axis
Application	Top and bottom coating; typically no in/out part positioning

Part	Description	Note
1102871	NOZZLE, 45 degree, flat spray, Encore	

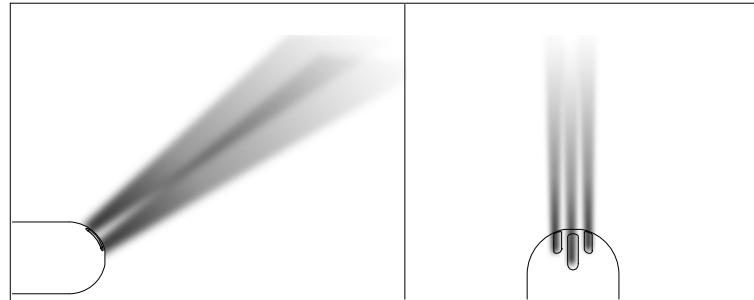


Figure 7-5 45-Degree Flat Spray Nozzle

Conical Nozzle, Deflectors and Electrode Assembly Parts

See Figures 7-6, 7-7, and 7-8. The conical nozzle and deflectors must be used with the conical electrode holder. A conical nozzle kit is shipped with the gun. All other parts are optional and must be ordered separately.

Conical Nozzle and Deflectors



All deflectors include a 1098306 O-ring, Viton, 3 mm x 1.1 mm wide

Figure 7-6 Conical Nozzle and Deflectors

Conical Nozzle Kit

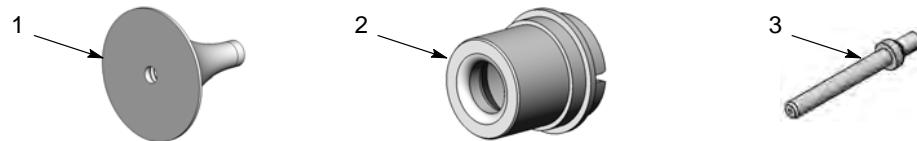


Figure 7-7 Conical Nozzle Kit

Item	Part	Description	Quantity	Note
—	1604828	KIT, conical nozzle, Encore	1	
1	1083206	• DEFLECTOR, 26 mm	1	
2	1082060	• NOZZLE, conical	1	
3	1605861	• ELECTRODE HOLDER, Conical	1	

Conical Electrode Assembly

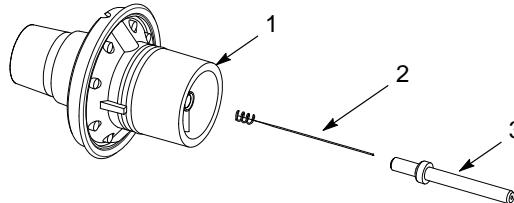


Figure 7-8 Conical Electrode Assembly

Item	Part	Description	Quantity	Note
—	1106076	ELECTRODE ASSEMBLY, conical, Encore	1	
1	-----	• ELECTRODE SUPPORT	1	
2	1106078	• ELECTRODE	1	
3	1605861	• ELECTRODE HOLDER, Conical	1	

Pattern Adjuster Kit

The pattern adjuster kit includes an integral conical nozzle. 16, 19, and 26-mm deflectors can be used with the kit. The deflectors are not included with the kit; they must be ordered separately.



1098417
Kit, Pattern Adjuster, Manual Gun, Encore

Figure 7-9 Pattern Adjuster Kit

Lance Extensions

The nozzles listed on the preceding pages install directly on the lance extensions. Refer to the instruction sheet shipped with the lance extensions for installation instructions and repair parts.

Part	Description	Note
1609888	EXTENSION, lance, 150 mm, Encore	
1609889	EXTENSION, lance, 300 mm, Encore	
1609896	EXTENSION, lance, 450 mm, Encore	
1609897	EXTENSION, lance, 600 mm, Encore	

NOTE: The electrode support/holder for use with conical nozzles and deflectors must be used with a lance extension.

Pattern Adjuster Kit for Lance Extensions

Use this pattern adjuster with the lance extensions listed above and 16, 19, and 26-mm conical nozzle deflectors listed on the preceding pages. 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.	

Ion Collector Kit

This kit installs on the standard length gun. Refer to the instruction sheet shipped with the spray gun for installation instructions and repair parts.

Item	Part	Description	Quantity	Note
—	1603854	KIT, ion collector assembly, manual, Encore (std length gun)	1	

Ion Collector Components for Lance Extensions

To use the ion collector kit listed above with 150-mm or 300-mm Lance Extensions, order one of the rods and the bracket listed below. Refer to the instruction sheet shipped with the kit for installation instructions.

Item	Part	Description	Quantity	Note
—	189483	ROD, ion collector, 15 in.	1	A
—	189484	ROD, ion collector, 21 in.	1	B
—	1603939	BRACKET, lance extension, ion collector, Encore	1	A, B

NOTE A: Use for 150-mm lance extension.

B: Use for 300-mm lance extension.