

Fusion[®] PC Spray Gun

3A7314J

EN

Plural component, impingement mix air purge spray gun with ProConnect™ fluid cartridge for dispensing non-flammable foam and polyurea. For professional use only.

Not approved for use in European explosive atmosphere locations.

3500 psi (24.5 MPa, 245 bar) Maximum Fluid Working Pressure

80-130 psi (0.56-0.9 MPa, 5.6-9.0 bar) Air Inlet Pressure Range

200°F (94°C) Maximum Fluid Temperature

See page 4 for model information.



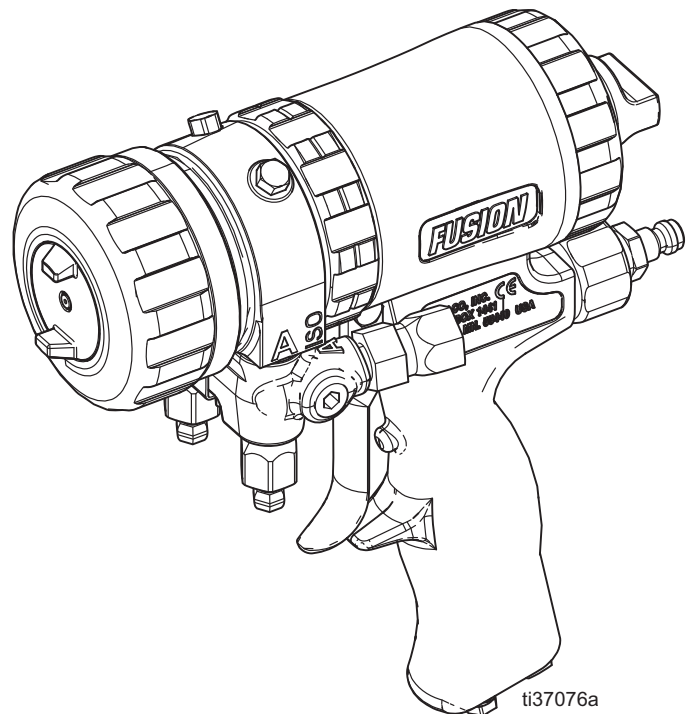
Important Safety Instructions

Read all warnings and instructions in this manual and in all related manuals before using the equipment. Save these instructions.



Important Medical Information

Read the medical alert card provided with the gun. It contains injection injury treatment information for a doctor. Keep it with you when operating the equipment.



Component Identification

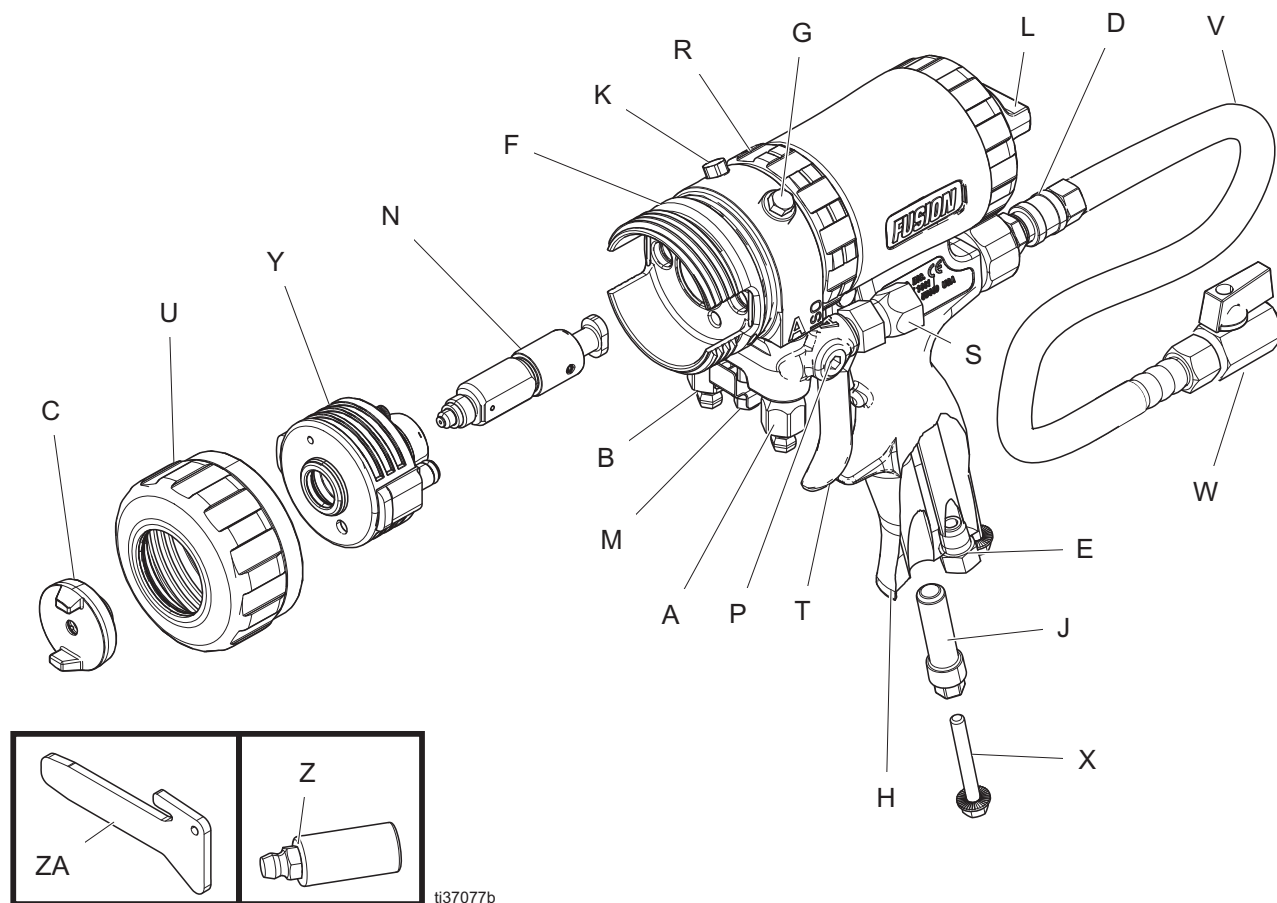


FIG. 1 Component Identification

Key

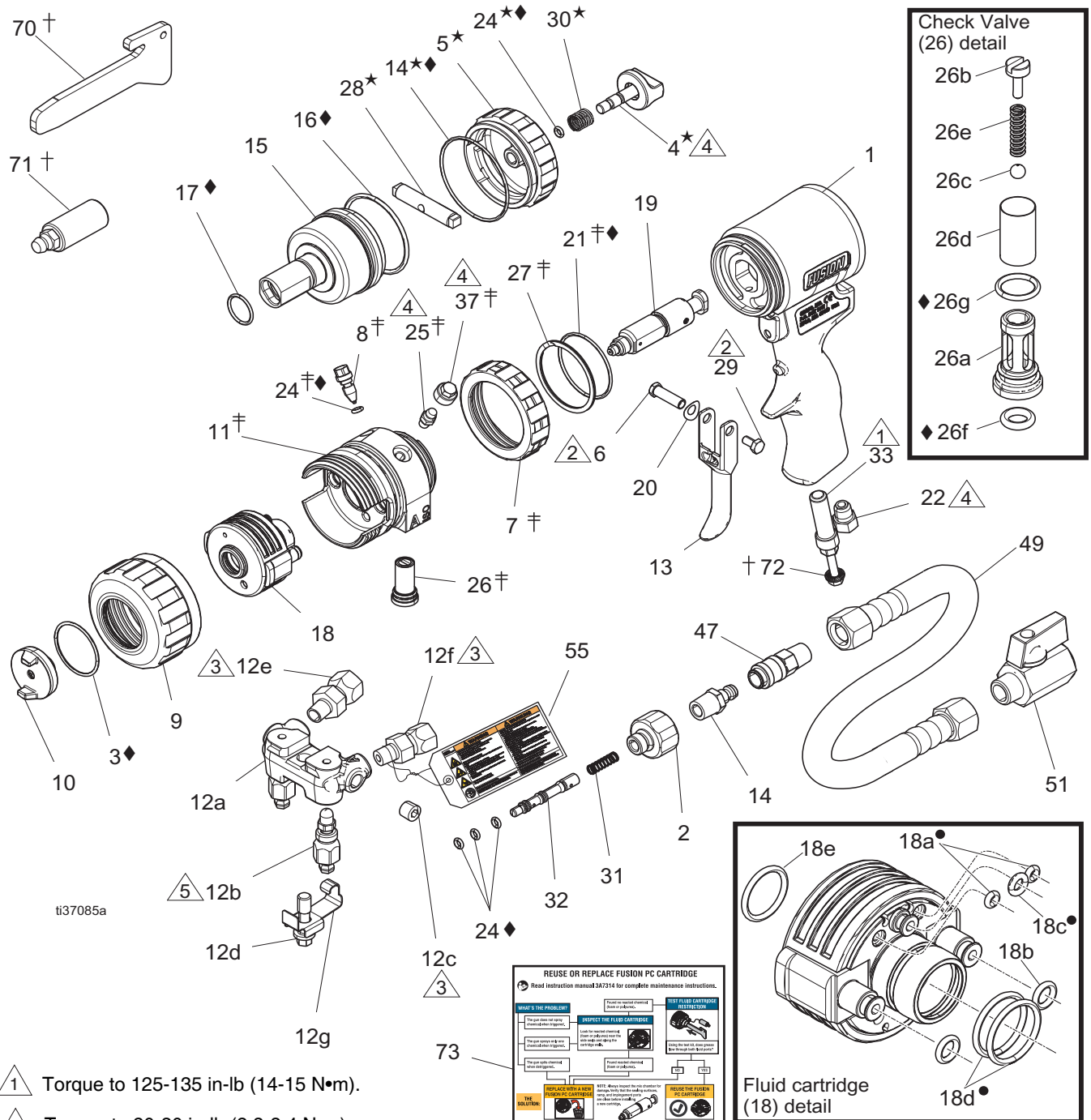
A	A Side Fluid Valve (ISO)
B	B Side Fluid Valve (RESIN)
C	Air Cap
D	Air Line Quick Coupler
E	Muffer
F	Fluid Housing
G	Grease Fitting (under cap)
H	Handle
J	Jack Screw Holder/Optional Air Inlet
K	Cleanoff Air Valve
L	Piston Safety Lock
M	Gun Fluid Manifold
N	Mix Chamber

Key

P	Optional Fluid Inlets (A Side Shown)
R	Lock Ring
S	Fluid Inlet Swivels (A Side Shown)
T	Trigger
U	Front Retaining Ring
V	Gun Air Whip Hose
W	Air Valve
X	Jack Screw
Y	PC Fluid Cartridge
Z	Grease Tool
ZA	Divider Tool

Parts

NOTE: Round Pattern gun shown. See **Detail Views**, page 37 for additional parts and detail views.



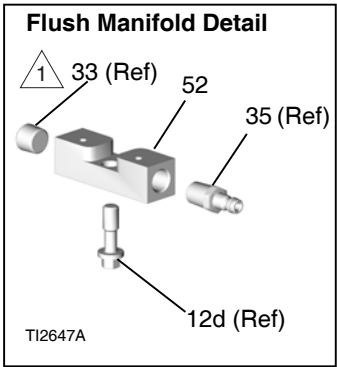
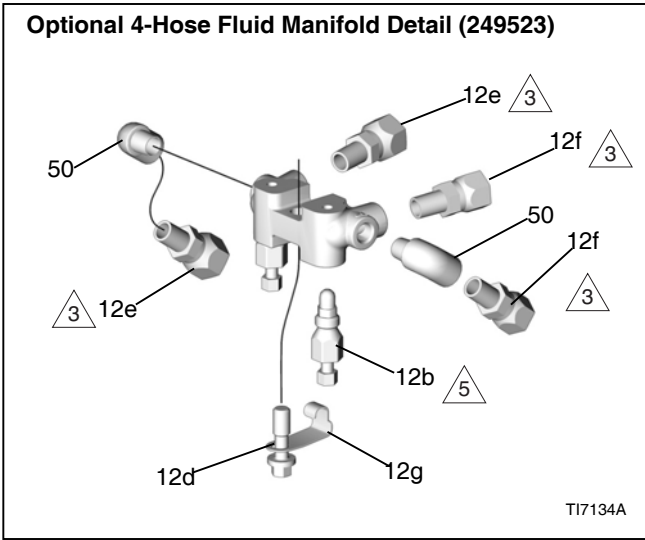
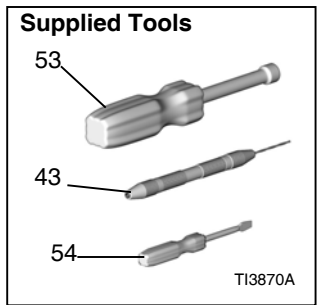
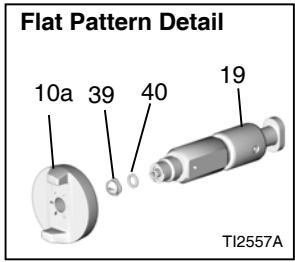
Parts List

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	15K365	HANDLE	1		246352	VALVE, check, B side, includes 26a-26g	1
2	15B208	PLUG, air valve	1	26a	----	HOUSING	1
3◆	248137	O-RING, PTFE, package of 6	1	26b	15B214	SCREW, 5/16-18 x 1/2 in. (13 mm)	1
4★	15B206	LOCK, safety	1	26c	257420	BALL; carbide, package of 10	1
5★	15B204	CAP, cylinder	1	26d	----	SCREEN, see , page 39	1
6	192272	PIN	1	26e	117490	SPRING	1
7‡	26C775	RING, lock, Fusion PC, blue	1	26f◆	248133	O-RING, check valve face, package of 6	1
8‡	15B223	VALVE, cleanoff air	1	26g◆	248129	O-RING, check valve housing; package of 6	1
9	19Y302	RING, retaining, front, Fusion PC	1	27‡	116550	RING, retaining	1
10	15B210	AIR CAP, for round pattern guns	1	28★	15B205	STOP, piston	1
11‡	----	HOUSING, fluid, Fusion PC	1	29	203953	SCREW, 10-24 x 3/8 in. (10 mm)	1
12	246012	MANIFOLD, fluid, 2-hose, includes 12a-12g	1	30★	114070	SPRING	1
12a	----	MANIFOLD	1	31	117485	SPRING	1
12b	246356	VALVE, fluid	2	32	15B202	SPOOL, valve	1
12c	100139	PLUG, pipe; 1/8-27 npt	2	33	26C937	PLUG, Fusion PC tool holder, 1/4 NPT	1
12d	15B221	BOLT, 5/16-24	1	35	117509	QUICK-DISCONNECT, male, air, 1/4 npt(m), round and flat pattern guns only	1
12e	117634	SWIVEL, B side; 1/8 npt(m) x number 6 JIC(f)	1	36▲	222385	CARD, warning, not shown	1
12f	117635	SWIVEL, A sid.; 1/8 npt(m) x number 5 JIC(f)	1	37‡	15B689	COVER, grease fitting	1
12g	15B993	SPRING, ring, lock	1	46	117792	GREASE GUN, not shown	1
13	15B209	TRIGGER	1	47	117510	COUPLER, air line	1
14★◆	248136	O-RING, cylinder cap, package of 6	1	49	15B772	HOSE, air; 1/4 npsm (fbe); 18 in. (0.46 m)	1
15	15B203	PISTON	1	51	15B565	VALVE, ball, 1/4 npt (m x f)	1
16◆	248135	O-RING, piston; package of 6	1	55▲	172479	TAG, warning	1
17◆	248134	O-RING, piston shaft; package of 6	1	56▲	15D235	SIGN, instruction, not shown	1
18	----	CARTRIDGE, Fusion PC; see Cartridge Kits , page 39	3	57	117773	GREASE CARTRIDGE, 3 oz, not shown. SDS available at www.graco.com .	1
18a•	----	O-RING, face	1	58	248279	GREASE, tube, 4 Oz, not shown. SDS available at www.graco.com .	1
18b	25P851	O-RING, fluid, pack of 6	1	70‡	----	TOOL, divider	1
18c•	----	O-RING, air	1	71‡	----	TOOL, grease	1
18d•	----	O-RING, rear	1	72‡	----	SCREW, jack	1
18e	248131	O-RING, front, pack of 6	1	73	26A955	LABEL, troubleshooting guide	1
19	PCxxxx	CHAMBER, mix, see Mix Chamber Kits , page 38	1				
20	15C480	WASHER, wave	1				
21‡◆	248132	O-RING; pack of 6	1				
22	119626	MUFFLER	1				
23	248131	O-RING, pack of 6	1				
24‡★◆	246354	O-RING, pack of 6	1				
25‡	100846	FITTING, grease	1				
26‡	246731	VALVE, check, A side, includes 26a-26g	1				

▲Replacement safety labels, tags, and cards are available at no cost.

Symbol	Kit	Description	Included in Kit: Ref. (Qty.)
•	25P850	KIT, cartridge, o-rings, (non-chemically resistant)	18a (2), 18c (1), 18d (2)
†	25P660	KIT, Fusion PC, cartridge, tools	70 (1), 71 (1), 72(1)
‡	19Y303	KIT, fluid housing, Fusion PC	11(1), 24 (1), 8 (1), 25 (1), 37 (1), 27 (1), 21 (1), 26; A and B side (2), 7 (1)
★	248064	ASSEMBLY, safety stop	4 (1), 5 (1), 14 (1), 24 (1), 28 (1), 30 (1)
◆	18C115	KIT, Fusion PC, gun o-rings	3 (1), 14 (1), 16 (1), 17 (1), 21 (1), 24 (5), 26f (2), 26g (2)

Detail Views



-  Torque to 125-135 in-lb (14-15 N•m).
-  Torque to 235-245 in-lb (26.6-27.7 N•m).
-  Torque to 32-40 ft-lb (43-54 N•m).

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
10a	15B801	AIR CAP, for flat pattern guns	1	43	117661	WISE, pin, dual reversible chucks	1
39	FTxxxx	TIP, flat, see Flat Tip Kits , page 39	1	50	112307	ELBOW, street; 1/8 npt (m x f)	2
40	246360	O-RING, PTFE, flat tip models only; package of 3; see Flat Tip Kits , page 39	1	52	15B817	MANIFOLD, gun flush	1
				53	117642	NUT DRIVER, hex, 5/16	1
				54	118575	SCREWDRIVER, 1/8 blade	1