

Lynx 200H PRESSURE FEED SPRAY GUN PRODUCT INFORMATION



HVLP AIR CAP AND FLUID NOZZLE CHART

MODEL NO.	AIR CAPS	Press / Siphon	*MAX GUN INLET PRESS. FOR HVLP	FAN CONTROL	SCFM @ MAX GUN INLET	AIR CAP RING	AVAILABLE FLUID NOZZLES TIPS	NEEDLES / marking on needle
L200H	22-1028	pressure	29	60-1502 (#2)	18	22-1001	32-0611 1.1mm (.042")	40-1211 (211)
	22-1033	pressure	38	60-1502 (#2)	18.75		32-0614 1.4mm (.055")	40-1214 (214)
	22-1057	pressure	50	60-1502 (#2)	22		32-0618 1.8mm (.070")	40-1218 (218)
	22-1100	pressure	37	60-1501 (#1)	18		32-0622 2.2mm (.086")	40-1222 (222)
	22-1100 X 2.2S	siphon	37	60-1502 (#2)	18		32-0211 1.1mm (.042")	40-1211 (211)
	22-1046**	pressure	47	60-1502 (#2)	22.5		32-0214 1.4mm (.055")	40-1214 (214)
	22-1083**	pressure	55	60-1502 (#2)	26		32-0218 1.8mm (.070")	40-1218 (218)
							32-0222 2.2mm (.086")	40-1222 (222)
*Note: Air cap test gages are available to confirm HVLP compliance. **Must be used with 32-02XX fluid nozzle tips								

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Operation and Maintenance Instructions for *L200H* Spray Guns

Operation

- 1. Connect air supply hose at handle of gun.
- 2. Connect a pressurized fluid supply to the gun fluid inlet.
- 3. Fluid flow can be controlled using the fluid control knob, this restricts flow by limiting needle travel. It is best to control fluid flow by proper selection of fluid orifice size and use the fluid control knob to "fine tune flow rate".
- 4. Fan width can be adjusted using the fan control knob. Turning the knob clockwise narrows the fan.

Maintenance

IMPORTANT! Routine cleaning and maintenance is essential to insure proper gun operation.

Several states prohibit spraying solvent into the atmosphere and require the use of covered gun cleaner.

- 1. If a gun cleaner is being used, connect and clean the gun in the gun cleaner according to the manufactures instructions.
- 2. If a gun cleaner is not being used:
 - Remove air cap and clean separately using clean solvent.

For pressure setups, connect a pressurized solvent supply to the fluid inlet, trigger the gun allowing solvent to flow thru the gun until clean.

NOTE: Gun head disassembly is not recommended for normal cleaning and maintenance.

Gun head disassembly and reassembly instructions:

Have repair kit # 10-106 available before gun disassembly.

Gun head disassembly

To remove the nozzle carrier (5) and air cap adapter (6):

- 1. Remove the air cap (1), fluid nozzle tip (2), fluid nozzle body (3), and needle (13).
- 2. Remove the needle seal cartridge (23).
- 3. Loosen the locknut (9) and remove fluid inlet (10) using a 5/8" open-end wrench.
- 4. The nozzle carrier (5) and air cap adapter (6) will now slide forward from the gun body (11).

Gun head reassembly

- 1. Install a new o-ring (7) on the air cap adapter (6).
- 2. Install o-ring (4) between fluid nozzle body (3) and fluid nozzle carrier (5).
- 3. Install the thread locknut (9) onto the fluid inlet (10) as far as possible.
- 4. Install a new fluid inlet seal (8) into the recess area on the nozzle carrier (5) inlet port.
- 5. Slide the nozzle carrier (5) into air cap adapter (6) and insert into the gun body (11) as far as possible. Be sure the nozzle carrier (5) extends into the hole at the back of the gun head. Install the needle seal (23) but do not tighten.
- 6. Rotate the nozzle carrier (5) until the fluid inlet port in the nozzle carrier (5) is aligned with the threaded hole in the body. While in this position, insert the fluid inlet (10) and tighten firmly.
- 7. Tighten the needle seal (23) to approx. 12 ft.-lb. torque.
- 8. Tighten the fluid inlet (10) to approx. 25 ft.-lb. torque.
- 9. Tighten the locknut (9) to approx. 33 ft.-lb. torque.

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					22-1028-G 22-1033-G FOR L200H GUNS			
ITEM NO.	PART NO.	DESCRIPTION	ITEM NO.	PART NO.	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G			
ITEM NO.	PART NO. See Air Cap Chart	DESCRIPTION Air Cap**	ITEM NO. 16	PART NO. 60-204	FOR L200H GUNS 22-1028-G 22-1033-G 22-1046-G 22-1057-G 22-1083-G 22-1100-G			
			_		FOR 22-1028-G 22-1033-G 22-1033-G L200H 22-1046-G GUNS 22-1057-G 22-1083-G 22-1100-G			
1	See Air Cap Chart	Air Cap**	16	60-204	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-100-G 22-1100-G			
1 2	See Air Cap Chart See Air Cap Chart	Air Cap** Fluid Nozzle Tip**	16 17	60-204 60-201	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1100-G 22-1100-G			
1 2 3	See Air Cap Chart See Air Cap Chart 32-1201	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body	16 17 18	60-204 60-201 60-119	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1100-G 22-1100-G			
1 2 3 4	See Air Cap Chart See Air Cap Chart 32-1201 98-8020	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket*	16 17 18 19	60-204 60-201 60-119 60-1520	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1100-G 22-1100-G			
1 2 3 4 5	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier	16 17 18 19 20	60-204 60-201 60-119 60-1520 60-302	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1083-G 22-1100-G DESCRIPTION Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet			
1 2 3 4 5 6	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter	16 17 18 19 20 21	60-204 60-201 60-119 60-1520 60-302 60-125	FOR 22-1028-G FOR 22-1033-G L200H 22-1046-G GUNS 22-1057-G 22-1083-G 22-1083-G 22-1100-G 22-1100-G DESCRIPTION Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet O-Ring* O-Ring*			
1 2 3 4 5 6 7	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring*	16 17 18 19 20 21 22	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1083-G 22-1100-G DESCRIPTION Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet O-Ring* Air Valve Spring*			
1 2 3 4 5 6 7 8	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131 60-124	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring* Fluid Inlet Seal*	16 17 18 19 20 21 21 22 23	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003 60-1400	FOR L200H GUNS22-1028-G 22-1033-G 22-1046-G 22-1057-G 22-1083-G 22-1100-GDESCRIPTIONDESCRIPTIONNeedle Return Spring* Rear BushingSeal*Air Valve AssemblyAir Valve PoppetO-Ring*Air Valve Spring*Needle Seal Cartridge*			
1 2 3 4 5 6 7 8 9	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131 60-124 60-128	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring* Fluid Inlet Seal* Locknut	16 17 18 19 20 21 21 22 23 23 24	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003 60-1400 60-2101	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1083-G 22-1100-G DESCRIPTION Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet O-Ring* Air Valve Spring* Needle Seal Cartridge* Trigger			
1 2 3 4 5 6 7 8 9 10	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131 60-124 60-128 60-126	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring* Fluid Inlet Seal* Locknut Fluid Inlet Fitting	16 17 18 19 20 21 22 23 24 25	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003 60-1400 60-2101 60-1510	22-1028-GFOR L200H GUNS22-1033-G22-1046-G22-1057-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1083-G22-1100-GDESCRIPTIONNeedle Return Spring*Aer BushingSeal*Air Valve AssemblyAir Valve PoppetO-Ring*Air Valve Spring*Needle Seal Cartridge*TriggerAir Control			
1 2 3 4 5 6 7 8 9 10 11	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131 60-124 60-128 60-128 60-126 60-1114	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring* Fluid Inlet Seal* Locknut Fluid Inlet Fitting Lynx Gun body HVLP	16 17 18 19 20 21 22 23 23 24 25 25A	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003 60-2101 60-1510 60-122	FOR 22-1028-G FOR 22-1033-G L200H 22-1046-G GUNS 22-1057-G 22-1083-G 22-1100-G DESCRIPTION Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet O-Ring* Air Valve Spring* Needle Seal Cartridge* Trigger Air Control Plug (optional)			
1 2 3 4 5 6 7 8 9 10 11 11 12	See Air Cap Chart See Air Cap Chart 32-1201 98-8020 60-L21H 60-22 60-131 60-124 60-128 60-126 60-1114 See Air Cap Chart	Air Cap** Fluid Nozzle Tip** Fluid Nozzle Body Gasket* Nozzle Carrier Air Cap Adapter O-Ring* Fluid Inlet Seal* Locknut Fluid Inlet Fitting Lynx Gun body HVLP Fan Control Assembly**	16 17 18 19 20 21 22 23 24 25 25A 26	60-204 60-201 60-119 60-1520 60-302 60-125 61-1003 60-2101 60-1510 60-122 60-104	FOR 22-1028-G L200H 22-1033-G GUNS 22-1046-G 22-1057-G 22-1083-G 22-1083-G 22-1100-G V V Needle Return Spring* Rear Bushing Seal* Air Valve Assembly Air Valve Poppet O-Ring* Needle Seal Cartridge* Trigger Air Control Plug (optional) Air Inlet Fitting Air Inlet Fitting			

FLUID NOZZLE / AIR CAP SELECTION CHARTS

LYNX Series 200H - Pressure Feed Guns

L200H HVLP SPRAY GUN

MATERIAL TYPE	FLUID ORIFICE x AIR CAP	MAXIMUM PATTERN WIDTH	PRESS. / SIPHON
Very Thin			
less than 16 sec. Zahn #2	1.1 mm x 1028	11	Р
inks , dyes,	1.1 mm x 1033	9	Р
solvents, stains			
Thin			
16 to 20 sec. Zahn #2	1.1, 1.4 mm x 1057	11	P/S
lacquers, enamels,	1.1, 1.4 mm x 1100	12	P/S
primers, sealers			
Medium			
21 to 30 sec. Zahn #2	1.4 mm x 1057	11	P/S
automotive base coat	1.4 mm x 1100	12	P/S
enamels, primers	1.4 mm x 1046	11	Р
epoxies, urethanes	1.4 mm x 1083	13	Р
automotive clear coat			
Heavy			
over 30 sec. Zahn #2			
heavy body primers	1.8, 2.2 mm x 1046	11	Р
high solid enamels	1.8, 2.2 mm x 1083	13	Р
high solid automotive coatings			
adhesives			