



# GCI™ SERIES INJECTORS

## Injector Technology that Defies Convention

This revolutionary, new patent pending cartridge injector system from Graco ushers in a new era of automatic lubrication system technology! This system will reduce maintenance frequency, labor and costly downtime and will transform uptime, production capacity and profitability expectations.

### Quick-Exchange Injectors

- Injector replacements take seconds rather than minutes using either a 24 mm or 15/16 in. socket – without the need to remove any lubrication lines.

### Locked-In Output

- Color-coded output spacers dictate the amount of grease dispensed per lubrication cycle, reducing the likelihood of incorrect field adjustments during repair.

### Greater Output Range

- 0.015 to 0.150 in<sup>3</sup>, nearly doubling the output of our GL-1 injectors, reducing the need for crossporting multiple injectors in a system.

### Backward Compatible

- Uses same mounting pattern as GL-1 and GL-1 X series injectors that also match many competitive mounting patterns.

### High-Visibility Indicator Pin

- 360-degree view of colored indicator pin makes troubleshooting a breeze.



### TYPICAL APPLICATIONS

- ▶ Mining
- ▶ Construction
- ▶ Off-Road/On-Road Mobile Equipment

# GCI™ SERIES INJECTORS

Designed for Efficiency. Built for Profitability.



Graco cartridge injectors are easy to handle, can be serviced in one minute or less and eliminate the need to disconnect lines when replacing. Numerous injector replacements on a machine can be completed in minutes instead of hours, leaving service technicians with more time to focus on other equipment issues.

## GCI vs. CURRENT INJECTOR TECHNOLOGY

FEATURE	GCI CARTRIDGE TECHNOLOGY	LEGACY INJECTOR TECHNOLOGY (-1, -1X, -V TYPE INJECTORS)
Injector Replacement Process	Takes seconds with a 24 mm or 15/16 in. wrench or socket; no need to remove any lubrication lines.	Requires disconnecting lube lines, multiple tools and oftentimes removal of adjacent injector lube lines to replace inside injectors on a manifold.
Repair Time	Less than 1 minute	Several minutes
Output Volume Range	0.015–0.150 in <sup>3</sup>	0.015–0.08 in <sup>3</sup>
Output Adjustment	Color-coded threaded output spacers that are fastened to the manifold determine the volume dispensed. There are eight different outputs to choose from and they remain on the manifold during a cartridge replacement ensuring the correct output after service.	Infinitely adjustable but must count thread turns and convert that to desired output. Often adjusted improperly after replacement. Color-coded slip-on spacers are available but must be swapped over to new injector during replacement.
Shot-to-Shot Accuracy	+/- 3%	+/- 25%
Indicator Pin	360-degree view of high-visibility colored pin	Limited view through machined hole in top nut

SPECIFICATIONS	Max Pressure	Standard-pressure manifold (aluminum) – 3,500 psi (24.1 MPa, 241 bar) High-pressure manifold (steel) – 5,000 psi (34.5 MPa, 345 bar) GCI 150 cartridges – 5,000 psi (34.5 MPa, 345 bar)
	Recommended Operating Pressure	2,500 psi (17 MPa, 172 bar)
	Reset Pressure	1,000 psi (6.89 MPa, 68.9 bar)
	Output Volume Per Cycle	0.015 to 0.150 in <sup>3</sup> (.25 to 2.46 cm <sup>3</sup> )
	Recommended Fluids	NLGI #2 grease down to 32° F (0° C)
	Wetted Materials	Carbon steel, nitrile rubber, aluminum

		2-POINT	3-POINT	4-POINT	5-POINT	6-POINT
MANIFOLD DIMENSIONS	Width in. (cm)	3.13 (7.94)	4.38 (11.11)	5.63 (14.29)	6.88 (17.46)	8.13 (20.64)
	Height in. (cm)	3.4 (8.64)				
	Distance Between Mounting Holes in. (cm)	–	1.25 (3.18)	2.50 (6.34)	3.75 (9.51)	5.00 (12.70)

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NOTE: Manifolds, injectors and output spacers are sold separately. Assembly is required.

PART NUMBER	DESCRIPTION
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### STANDARD-PRESSURE MANIFOLDS

Zerks and caps included

134362	2-point manifold, 3,500 psi
134363	3-point manifold, 3,500 psi
134364	4-point manifold, 3,500 psi
134365	5-point manifold, 3,500 psi
134366	6-point manifold, 3,500 psi

### HIGH-PRESSURE MANIFOLDS

Zerks and caps included

134372	2-point manifold, 5,000 psi
134373	3-point manifold, 5,000 psi
134374	4-point manifold, 5,000 psi
134375	5-point manifold, 5,000 psi
134376	6-point manifold, 5,000 psi

### GCI 150 INJECTORS

134250	Injector – single
134354	Injector – 100-pack

### OUTPUT SPACERS

PART NUMBER	COLOR	OUTPUT TARGET IN <sup>3</sup> (CM <sup>3</sup> )
134337	Black	0.015 (0.25)
134338	Red	0.030 (0.49)
134339	Silver	0.045 (0.74)
134340	Gold	0.060 (0.98)
134341	Green	0.080 (1.31)
134342	Gray	0.100 (1.64)
134343	Purple	0.125 (2.05)
134344	Blue	0.150 (2.46)



### ACCESSORIES

134105	Injector crossport kit
133668	Injector port plug
114916	Zerk and cap fitting
134393	Dust cap replacement

For more information, visit [graco.com/gci](http://graco.com/gci).