



### Graco GX-7 Gun Set-Up, Packer and Clamp Configuration

The GX-7 (NCFI part no. 295542) polyurethane foam gun has been the injection gun of choice for close to 20 years for concrete lifting/raising/leveling and void filling applications. Features include;



- Rugged Design
- Mechanical Purge
- The design allows for quick packer connection
- The Valving rod design helps eliminate back pressure issues at the packer reducing the chance of a material crossover in the gun.
- Easy to clean
- Easy maintenance

There is no required modification in using the GX-7 for concrete injection purposes. In order to make the gun ready for connection to the packer (NCFI part no. QC1-C) simply remove the air cap, PCD retainer, O-ring and PCD (Pattern Control Disc). These parts are not required for injecting polyurethane through a packer. **Fig.1**

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**Fig.1**



The GX-7 uses a mixing module to properly mix and atomize the A and B components within the gun. The modules are available with various hole diameters based on the application and required output. Please consult NCFI Polyurethanes for recommendations.

The connection of the GX-7 to the packer is made easy by using a simple NCFI manufactured clamp assembly. The clamp is designed to hold the packer and clamp the GX-7 directly to the inlet of the packer. **Fig 2**

**Fig. 2**



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The gun block on the GX-7 is used as the clamping point on the gun. Once the clamp is connected to the packer, which has been already inserted in the 5/8 inch injection hole, simply insert the gun in between the clamp jaws, align and center the PCD body with the inlet hole of the packer. Once aligned, with minimal clamping force, clamp the gun and packer together. DO NOT OVER TIGHTEN. **Fig. 3**

**Fig.3**



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Field set up photos Fig. 4 and Fig. 5



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