

Extreme

Revised Gap Sub Port Plug for xBolt G2 / Lagun Revision 1



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Applicability: XBOLT G2
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BACKGROUND INFORMATION

xBolt G2 uses the same gap subs that XEM uses and for some time the standard non ported port plugs were used while running xBolt G2. The standard port plugs were designed to be used with the XEM system and have certain drawbacks that were recorded during their use with xBolt. Instead of being enclosed within its own environment with a grounding spider the end of the port plug protrudes into the bore of the gap sub. This protrusion exposes the sealing o-ring which can create turbulent flow which can cause wash to the interior wall of the gap sub.

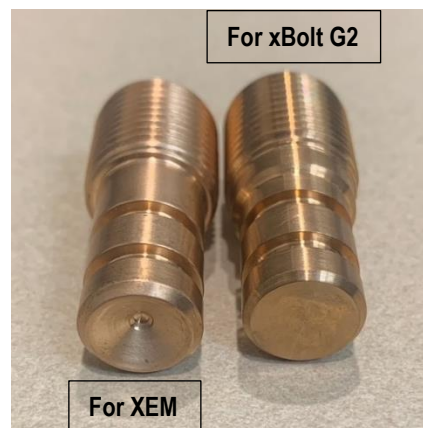
PROCESS IMPROVEMENTS

The new plug bottoms out on a shoulder instead of the end of the threads of a standard port plug. The end of the plug is also shorter and flat at the bottom. These things keep the port plug from protruding into the ID of the sub to remove the risk of wash to the ID of the gap sub.

Below are the new part numbers for each port plug size.

Item Number	Description
102980988	xBolt G2 Port Plug, 475 Gap Sub
102980999	xBolt G2 Port Plug, 650 Gap Sub
102981000	xBolt G2 Port Plug, 800 Gap Sub

Below are images of the 4.75" and 6.50" version of the plug for reference.



This new port plug still requires being installed using 42 ft/lbs of torque with blue 246 Loctite applied to the threads and the snap ring installed as a standard XEM application would.

MOVING FORWARD

The updated port plugs are being included with every xBolt kit and standard XEM port plugs are being removed to prevent confusion.