



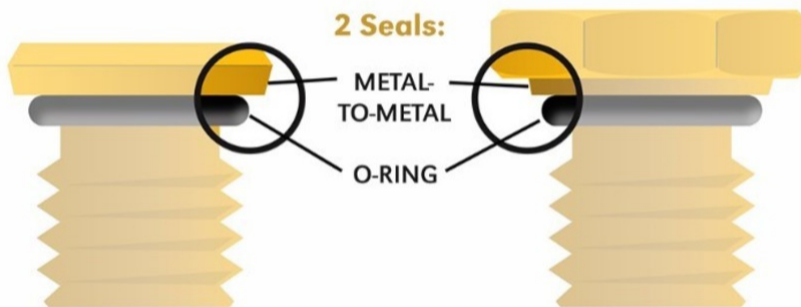
TIM'S TECH TIPS



Zero-Leak Hydraulic Port Plugs

Zero-Leak Plugs are used in high pressure and hydraulic applications that are prone to pressure spikes, and you will find them in all Genesis attachments except linkage tools.

These plugs have an O-ring that is the initial sealing area but is not the primary sealing surface. They are made of a malleable material and have a tapered shoulder that compresses into a matching taper in the port. This metal-to-metal compression seal is what performs the primary sealing function, whereas traditional O-ring boss (ORB) fittings rely on a compressed O-ring for sealing.



The Zero-Leak Plug is, therefore, a one-time use only plug that has very specific torque requirements to achieve the correct amount of swaging of the plug into the port.

When removing a plug, tap the face with a small hammer. This helps relieve the tension in the plug, allowing it to break free more easily. Not doing so on smaller plugs may strip out the plug hex bore.

When installing a plug, it's imperative that you use a torque wrench to tighten to the values specified below to help ensure leak-free performance.

Part Number	Dash Size	Torque
6300075	-02	85 in-lbs
6300076	-04	210 in-lbs
6300021	-06	28 ft-lbs
6300054	-08	70 ft-lbs
6300077	-10	110 ft-lbs
6300078	-16	200 ft-lbs
6300079	-20	267 ft-lbs
6300152	-24	333 ft-lbs

Reference the online [product manual](#) for your specific attachment if you have questions or contact Tim at 218-349-5755, talseth@genesisattachments.com or Loren at 715-919-8316, llagesse@genesisattachments.com