Valve Seat Puller Usage Instructions

MSI Technical Bulletin 027
Subject: Proper procedure for the usage of MSI valve seat puller assemblies

The intent of this bulletin is to familiarize end users with the proper procedure for using MSI valve seat puller assemblies. Improper usage can lead to premature failure. When the valve seat is ready to be removed, push the finger assembly (FEC0110 and 2xFEC0109) through the center of the valve seat until the lower lip of the removal tool is below the bottom of the valve seat as shown in figure 1.

![Figure 1. Valve seat (green) with finger assembly (yellow) inserted.](image)

When the finger assembly is in place, thread the all-thread rod through the middle until it as least to the bottom edge of the fingers. Failure to fully engage the all-thread will lead to the tips of the fingers breaking off when force is applied through the use of a manual or hydraulic puller. If necessary, place a mark on the all-thread to provide a visual indicator of how far it must be threaded.

![Image of incorrect use](image)

You may contact an MSI representative at sales@diwmsi.com or engineering@diwmsi.com if you have any further questions or concerns.

MSI is a division of Dixie Iron Works, Ltd
300 W. Main St.
Alice, Texas 78332, USA
Phone: 800-242-0059
Fax: 361-664-4840
www.diwmsi.com

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