

PRECAUTIONS

AS WITH ANY LIFTING DEVICE, EXTREME CAUTION IS NECESSARY WHEN LIFTING/LANDING PROCEDURES ARE PERFORMED. MISUSE OR NEGLIGENCE OF CLAMP OR INSERTS CAN RESULT IN INJURY OR DEATH. BE SURE TO READ ALL PRECAUTIONS AND INSTRUCTIONS PRIOR TO USING.

- NEVER LIFT OVER SPECIFIED RATING
- MAKE SURE ALL HARDWARE IS TIGHT BEFORE ANY LIFTING PROCEDURE
- 90 FT. LBS. TORQUE MINIMUM ON SADDLE BLOCK ASSEMBLY
- DO NOT USE CHANNEL LOCKS TO TIGHTEN AS PROPER TORQUE IS NOT ESTABLISHED
- DO NOT STRIKE CLAMPS DIRECTLY WITH HAMMER TO LOOSEN OR TIGHTEN SECTIONS OF CYLINDER/PISTON ASSEMBLIES (USE ATTACHMENT)
- IF STRIKING IS NECESSARY, INSTALL IMPACT ATTACHMENT AND STRIKE FACE OF ATTACHMENT
- WHEN USING INSERTS, ALWAYS SECURE INTO CLAMPS WITH SUPPLIED RETAINER PINS
- WHEN HANDLES ARE INSERTED INTO SLEEVES, ALWAYS SECURE WITH SUPPLIED RETAINER PINS
- A GOOD GENERAL RULE WHEN LIFTING OR LANDING PISTON ASSEMBLIES IS TO MAKE A SMALL REFERENCE MARK FLUSH WITH TOP OF CLAMP TO ASSURE NON-SLIPPAGE
- PREPARATION OF PISTON AND MAINTENANCE OF CLAMPS AND INSERTS ARE ESSENTIAL TO PERFORMANCE
- MAKE SURE PISTON LIFTING SURFACE IS CLEAN AND DRY WITH NO FILM OF OIL PRESENT (CLEAN WITH OIL CUTTING SOLVENT IF NECESSARY)
- KEEP CLAMP LEATHER AND INSERT LEATHER CLEAN, DRY AND OIL FREE FOR INCREASED PERFORMANCE
- PERIODICALLY INSPECT CLAMPS AND INSERTS
- ANY SIGN OF BROKEN RIVETS, CRACKED, RIPPED, DRY OR HARDENED LEATHER CONTACT SURFACES SHOULD BE REPAIRED IMMEDIATELY
- PERIODIC CONDITIONING OF LEATHER CONTACT SURFACES IS RECOMMENDED

Any questions, please call Advance Welding Service, Inc. at: (815) 568-9700

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INSTRUCTIONS FOR:
LIFTING & LANDING
OF CYLINDER/PISTON ASSEMBLIES

- CLEAN SURFACE AREA OF DEBRIS AND OIL WHERE CLAMP IS TO BE INSTALLED
- LOOSEN SADDLE BLOCK NUT AND REMOVE ENTIRE ASSEMBLY WITHOUT TAKING NUTS OFF (RODS WERE DESIGNED FOR NUTS TO ALWAYS STAY ON REDUCING ACCIDENTAL LOSS OF HARDWARE)
- ADJUST CLAMP TO DESIRED DIAMETER BY REMOVING THE TWO ADJUSTABLE SUPPORT BAR BOLTS AND REFASTEN
- SMALLER DIAMETERS (UNDER 5 ½") REQUIRE TWO ALUMINUM INSERTS (NOT INCLUDED)
- SLIDE THE INSERTS INTO INSIDE CLAMP HOLES AND SECURE WITH SUPPLIED RETAINER PINS
- OPEN CLAMP AND CLOSE AROUND SURFACE TO BE LIFTED/LANDED
- INSTALL ROD AND NUT BLOCK ASSEMBLY INTO SADDLES
- TIGHTEN TO MINIMUM 90 FT. LBS. TORQUE
- INSTALL TWO SUPPLIED SHACKLES LIFTING PROCEDURES

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INSTRUCTIONS FOR:
LOOSENING & TIGHTENING
OF CYLINDER/PISTON ASSEMBLIES

- REQUIRES TWO LIFTING WRENCH CLAMP ASSEMBLIES
- INSTALL CLAMP AND/OR INSERTS BELOW JOINT AS OUTLINED IN LIFTING/LANDING INSTRUCTIONS
- INSTALL CLAMP AND/OR INSERTS ABOVE JOINT AS OUTLINED IN LIFTING/LANDING INSTRUCTIONS
- TIGHTEN AS OUTLINED IN LIFTING/LANDING INSTRUCTIONS
- INSTALL HANDLES AND SECURE AS OUTLINED IN LIFTING/LANDING INSTRUCTIONS
- USING TWO MEN, TIGHTEN OR LOOSEN ASSEMBLIES WITH SECURED HANDLES
- IF MORE SEATING OR LOOSENING IS REQUIRE, INSTALL IMPACT ATTACHMENT INTO CLAMP HANDLE SLEEVES AND SECURE WITH SUPPLIED RETAINER PINS
- IMPACT ATTACHMENT CAN BE STRUCK WITH HAMMER ON STRIKE FACE SURFACE
- ROTATE ATTACHMENT 180 DEGREES AND RE-SECURE TO CHANGE DIRECTION OF TRAVEL (LOOSENING OR SEATING)

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