
NPT-1010

COLLAR ATTACHMENT TOOL

INSTRUCTION MANUAL



MANUAL NUMBER 21-11-1033

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INTRODUCTION

The NPT-1010 is a fast, efficient means for attaching the collar to the cylinder. A pneumatic ram is moved around the circumference of the cylinder neck topeen an even and professional looking attachment over the cylinder collar in less than one minute. The NPT-1010 cylinder neck thread adapter adjusts to fit ½", ¾" and 1" NPT cylinder neck threads.

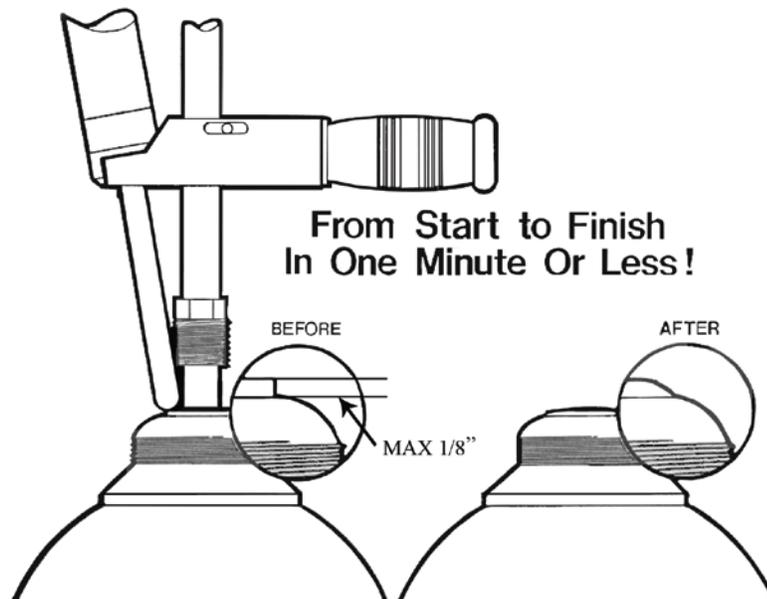


FIGURE 1) NPT-1010 COLLAR ATTACHMENT TOOL

NPT-1010 SPECIFICATIONS

Weight: 9 lbs.

Length: 14 ½ in.

Air Requirements: Maximum 90 PSI clean, filtered, and lubricated air is required for full power.

Air Consumption: 12 SCFM at full load.

Recommended Air Hose size: 3/8" nominal inside diameter.

Compatible Neck Thread Sizes: ½" ¾", and 1" NPT, adapters to fit other size neck threads are available from Galiso Inc.

Finish: Black Oxide

Safety: Eye and Ear Protection should be worn by operator.

Warranty: 6 Months against manufacturing defects.

SAFETY

1. Read all instructions before attempting to install or operate the NPT-1010.
GALISO INC. CANNOT BE RESPONSIBLE FOR DAMAGE OR INJURY CAUSED BY UNSAFE USE, MAINTENANCE OR APPLICATION OF THIS MACHINE. Please contact Galiso for guidance when you are in doubt as to the proper safety precautions to be taken when installing or operating this machine.
2. Take care to keep the work area clean, dry and free of debris. This will decrease the chance of operator injury due to slips or falls.
3. The GLS-12 Turntable must not be left on the floor unattended, due to danger of slips or falls caused by rotating surface.
4. Face shield, ear protection and gloves must be worn while operating the NPT-1010.

INSTALLATION

1. Supply the NPT-1010 with 90 PSI clean, filtered, and lubricated air.

OPERATION

1. Place the cylinder on the GLS-12 Turntable.
2. Use the CCR-75 to re-shape the distorted metal at the top of the cylinder neck.
3. Screw the neck thread adapter into the cylinder neck.
4. Using the Adjustment Handle, make sure the Peening Bit is adjusted so that it strikes the outer edge of the cylinder neck. Do not force tool, let it do the work.
5. As the cylinder turns, hold down the Control Lever, and the NPT-1010 will rapidly hammer the edge of the cylinder neck. This creates a ridge of distorted metal, which holds the collar in place.
6. Remove the tool from the cylinder.

LUBRICATION

An automatic in-line filter-lubricator is recommended as it increases tool life and keeps the tool in sustained operation. The in-line lubricator should be regularly checked and filled with a good grade of 10W machine oil. Never use a heavy oil, as this will cause a loss of efficiency. Proper adjustment of the in-line lubricator is performed by placing a sheet of paper next to the exhaust ports and holding the throttle open for approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper. Excessive amounts of oil should be avoided.

If the operation becomes sluggish or erratic, pour one teaspoon of kerosene into the air inlet and operate the tool for a few seconds. Lubricate the tool as explained above after flushing.

CAUTION SHOULD BE USED WHEN INSTALLING COLLARS ON OXYGEN CYLINDERS TO PREVENT OIL CONTAMINATION.

GLS-12 CYLINDER TURNTABLE

The GLS-12 Cylinder Turntable is a convenient companion to Galiso Collar Replacement Tools. The GLS-12 allows the operator and collar tool to remain stationary while the cylinder rotates on the turntable. Cylinders can be easily rolled onto the low profile of the GLS-12 and rotated by foot. This eliminates the need for the operator to walk around each cylinder, decreasing the instance of tangled air hoses and speeding the entire collar replacement process.

SPECIFICATIONS

Weight: 6 ½ lbs.

Diameter: 13 in. outside diameter.

Safety: Unit should not be left on floor unattended, due to danger of slips and falls caused by the rotating surface of the GLS-12

Warranty: 6 Months against manufacturing defects.