# Audi-Larm Handwheel and Insert Upgrade Kit

### **INSTALLATION INSTRUCTIONS**

2216/3000psi Upgrade Kit (P/N 10062088) Components			4500psi Upgrade Kit (P/N 10062089) Components		
Quantity	Part Number	Description	Quantity	Part Number	Description
1	633553	O-Ring	1	633553	O-ring
1	10062084	Handwheel, Audi-Larm	1	10062085	Handwheel, Audi-Larm
1	10062086	Fitting, Nipple, Hex	1	10065087	Fitting, Nipple, Hex
1	93031	Washer, Nylon	1	93031	Washer, Nylon

**Note:** For identification purposes, a diamond knurl replaces the straight knurl on the Audi-Larm handwheel. A groove has also been added into the hex flats near the end of the insert.



Old Audi-Larm Handwheel and Insert



**New Audi-Larm Handwheel and Insert** 

#### Removing the Audi-Larm Handwheel and Insert

- Use an open-end wrench to secure the Audi-Larm body. a. For 2216/4500psi Audi-Larms, use a 13/16" wrench on the alarm body flats near the base of the insert.
  - b. For 3000psi Audi-Larms, use a 13/16" wrench on the alarm body flats where the high pressure hose attaches.
- Place a 7/16" socket with wrench over the hexed end of the insert.
- Turn the socket counter-clockwise to loosen and remove the insert.
- 4. Check the alarm housing body threads to be sure they contain no pipe-sealing tape residue.
- 5. Discard the old Audi-Larm Handwheel and insert.

## Installing the New Audi-Larm Handwheel (with diamond knurl) and Insert (with groove in hex at end of insert)

- Apply a thin film of Christo-Lube lubricant on the new washer.
- Slide the new washer on the back end of the new insert.
- Slide the new Audi-Larm Handwheel on the back end of the insert.
- 4. Apply pipe-sealing tape to the insert threads.

**Note:** Pipe-sealing tape is used on fittings with tapered threads. Wrap 1 to 1-1/2 turns of tape in a clockwise direction (looking at the threaded end of the fitting). Start

at the second thread. Do not put tape on the first thread. Pieces of tape can break off and reduce air flow.

- Apply a thin film of Christo-Lube lubricant to the outer surface of the tape before threading the insert into the Audi-Larm body.
- Thread the insert with Audi-Larm Handwheel into the Audi-Larm body and tighten. Use a 7/16" socket with wrench on the insert and an open-end wrench on the alarm body flats.
  - a. For 2216/4500psi Audi-Larms, use a 13/16" wrench on the alarm body flats near the base of the insert.
  - b. For 3000psi Audi-Larms, use a 13/16" wrench on the alarm body flats where the high pressure hose attaches.
- Apply a thin film of Christo-Lube lubricant to the new O-ring.
- 8. Slide the new O-ring over the tip of the new insert so it is seated in the tip of the insert.

#### A CAUTION

Do not over-tighten parts or you may damage the Audi-Larm body or the insert threads.

**Note:** The Audi-Larm must be leak tested following any disassembly. Refer to the User's Instructions for the leak test procedures.



For More Information: Call (1-800-MSA-2222) or Visit Our Website at (www.MSAnet.com)



TAL 4012 (L) Rev. 0

Be Sure. Choose MSA.

© MSA 2004

MINE SAFETY APPLIANCES COMPANY PITTSBURGH, PENNSYLVANIA, U.S.A. 15230

Prnt. Spec. 10000005196 (S) Mat. 10062354 Doc. 10062354