



**RUELCO 3-WAY HYDRAULIC  
TATTLETALE  
MODEL 6301  
OPERATION MANUAL  
MANUAL # OMP – 6301 – 09 – 95  
(SEE SPEC. SHEET 6301)**

**I. PRINCIPLE OF OPERATION**

The Ruelco “Model 6301” Hydraulic TattleTale is a compact device that provides indication when a hydraulic sensor or control component operates. The “TATTLETALE” is designed to be installed in the return line near the exhaust port of a hydraulic sensor or control component. When the sensor or control device operates and vents or exhausts hydraulic fluid, the pressure in the return line will cause the cap of the “TATTLETALE” to pop out and open the return line. This exposes a red indication band giving visual indication that the sensor or control device has operated. The Ruelco hydraulic “TATTLETALE” is ideal for indicating when a hydraulic pressure sensor has operated and give “first-out” indication when the sensor is used to vent a hydraulic actuated valve.

**II. INSTALLATION**

The “Model 6301” hydraulic indicator is installed in the return line near the exhaust port of a hydraulic sensor or control component.

Proper pipe thread sealant should be used on the body threads before threading it in the return line near the exhaust port of a hydraulic sensor or control component. Supply fluid flowing through the valve body should be free of large dirt particles; this will extend the life of the seals.

**III. DISASSEMBLY (REFER TO SPEC. SHEET 6201)**

Tools required are as follows:

- Screw driver
  - 9/16” open end wrench or a suitable adjustable crescent wrench
- 1) Place the screw driver in the slot of the stem (Item 7). Use the open end wrench on the lock nut (Item 1) and unscrew it from the stem (Item 7).
  - 2) Remove the stem (Item 7) and the cap (Item 2) from the body (Item 5) and Manifold (Item 6).
  - 3) Remove the body seal (Item 3) and the two stem seals (Item 4).
  - 4) The “TattleTale” is now ready to be cleaned and repaired. We do not recommend that you remove the Tattletale body from the Manifold.

#### IV. REPAIR AND ASSEMBLY

- 1) Using an appropriate safety solvent like Varsol, clean all parts.
- 2) Visually inspect all parts for burrs, nicks, dings, etc.
- 3) Visually inspect red paint on the body (Item 5) for complete coverage.
- 4) Apply locktite on the stem screw threads (Item 7).
- 5) Replacement seals from a Ruelco product repair kit is required for proper valve performance.
- 6) Lubricate the body O-ring (Item 3) and install on body (Item 5). **Note: Be sure to follow the directions on the Cut Sheet 6301.**
- 7) Lubricate stem O-ring (Item 4) and install on the stem (Item 7).
- 8) Insert the stem (Item 7) into the body (Item 5) and Manifold (Item 6)
- 9) Install the cap (Item 2) onto the body by inserting it over the stem threads.
- 10) Place the lock nut (Item 1) onto the stem (Item 7) and tighten.

#### V. RECOMMENDED MAINTENANCE

##### PROCEDURE

Operate Manually.  
Disassemble and inspect.  
Replace seals.

##### INTERVAL

Every 30 days.  
Yearly or as required.  
Every two (2) years or as required.