COATS®

Bead Sealer Accessory

Kit 85606545 For use with COATS Rim Clamp® Tire Changers
Kit 85606739 For use with COATS ProGuard™ Leverless Tire Changers

This is a supplement to your operating manual and covers the installation and use of the bead sealer accessory. If you do not have your original operating manual, please call **COATS at 1-800-688-6359** to request an additional copy.

Installation Instructions with Parts Identification

READ these instructions before placing unit in service. KEEP these and other materials delivered with the unit in a binder near the machine for ease of reference by supervisors and operators.

⚠ CAUTION

Always DISCONNECT THE ELECTRICAL POWER before servicing equipment. This prevents electrical shock or accidental movement of the systems operated by the electrical power.

⚠ CAUTION

Always DISCONNECT AIR SUPPLY before servicing equipment. This prevents accidental movement of systems operated by compressed air which may result in personal injury. BLEED THE AIR SYSTEM by actuating all the valves.

⚠ CAUTION

Always wear safety goggles to protect your eyes.

Installation for Rim Clamp® Tire Changers

1. Disconnect tire changer from power source and from its air supply. Bleed off all air pressure. Verify the stored air pressure is zero by observing the air pressure gauge.

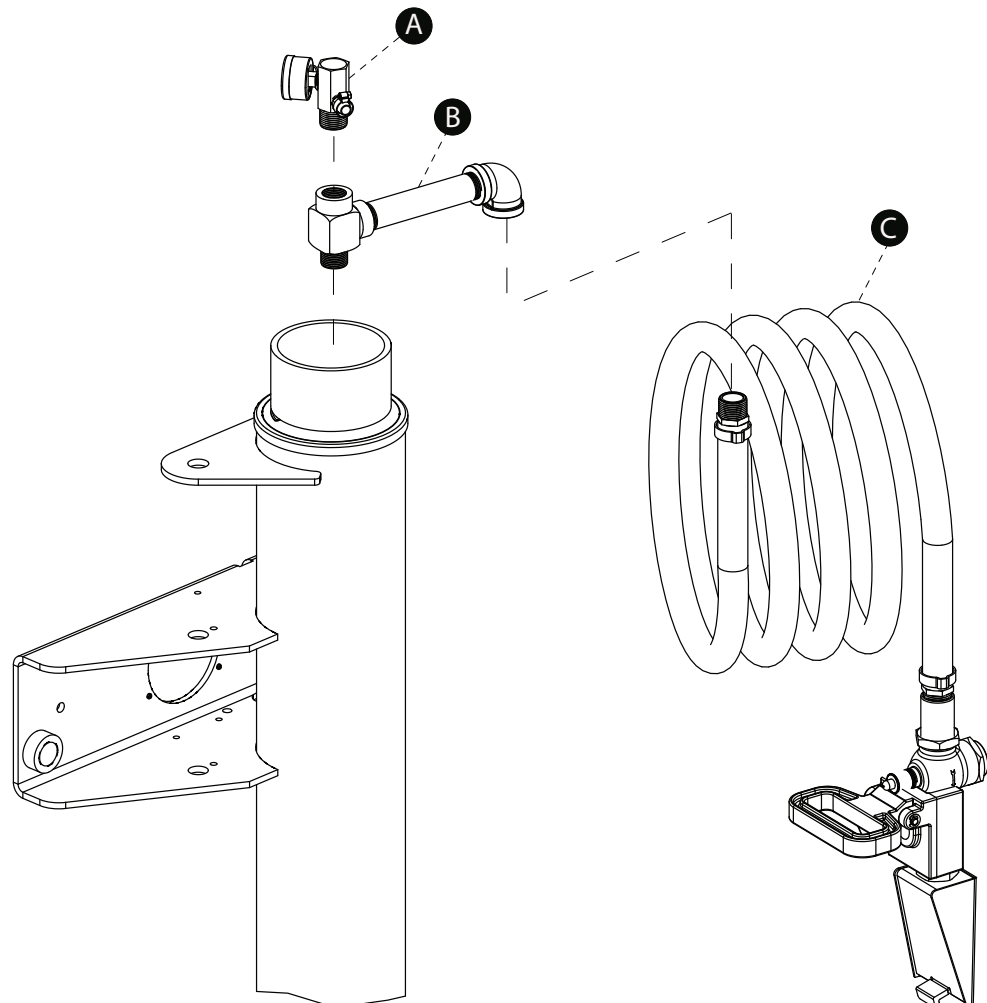**2.** Remove the tee gauge assembly (**A**) from top of air receiver.

3. Install the fitting assembly (**B**) into top of air receiver. Be sure to use pipe sealant on pipe threads to prevent leakage.

4. Reinstall the gauge assembly (**A**) into fitting assembly (**B**) top.

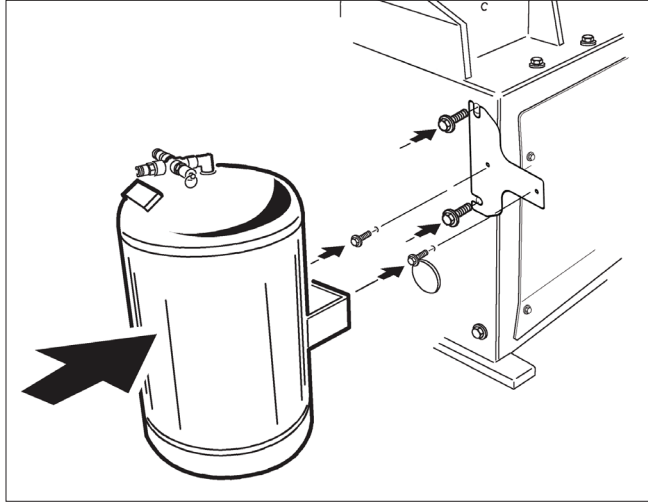**5.** Attach hose (**C**) to bead sealer accessory assembly (**B**).

6. Next, reconnect the air pressure source and check for air leakage at fittings.

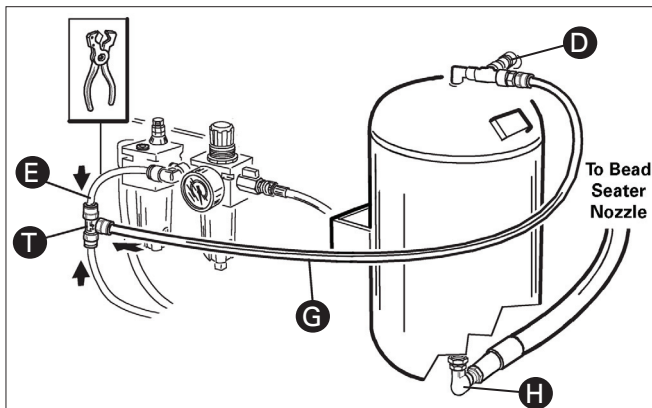**7.** Using the 6-inch hose clamp, secure the hanger to the tower.

Installation for ProGuard™ Tire Changers

1. Disconnect tire changer from power source and from its air supply. Bleed off all air pressure. Verify the stored air pressure is zero by observing the air pressure gauge.

2. Install tank support plate on back of the ProGuard chassis. When attaching support plate, be sure to remove and discard the two existing screws from the chassis and use the two longer screws provided.

3. Next, attach air tank to the tank support plate using provided screws and washers.

4. Assemble fittings at top of air tank (**D**) as shown in parts diagram. Apply thread sealant to all joints.

5. Locate and cut in half the tube (**E**) from the filter assembly, install the union tee (**T**) and hose (**G**), as shown in diagram.

6. Thread 3/4-inch staight fitting on hose assembly (**H**) into elbow at bottom of air tank.

7. Install hanger. Drill two holes (drill size #1 ø.228) about 2-inches apart in tool tray. Remove two hooks and screws from hanger assembly. Attach hooks to tool tray.
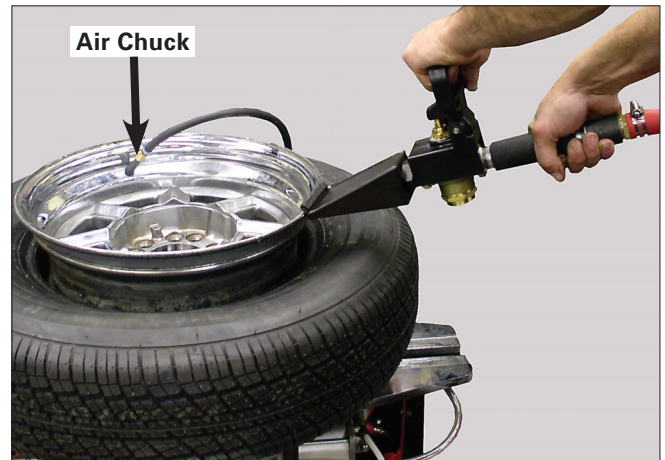
8. Next, reconnect the air pressure source and check for air leakage at fittings.

Bead Sealer Accessory Operation

1. To perform a bead sealing operation, attach the inflation hose air chuck to the valve stem of the tire and wheel assembly.

2. Hold the nozzle against the outer rim lip of the wheel, aiming it between the rim and tire bead as shown.

3. Depress the foot pedal to initiate tire inflation through the valve stem. At the same time push forward on the handle momentarily expanding the tire to mate the tire bead and rim to complete the bead sealing process.
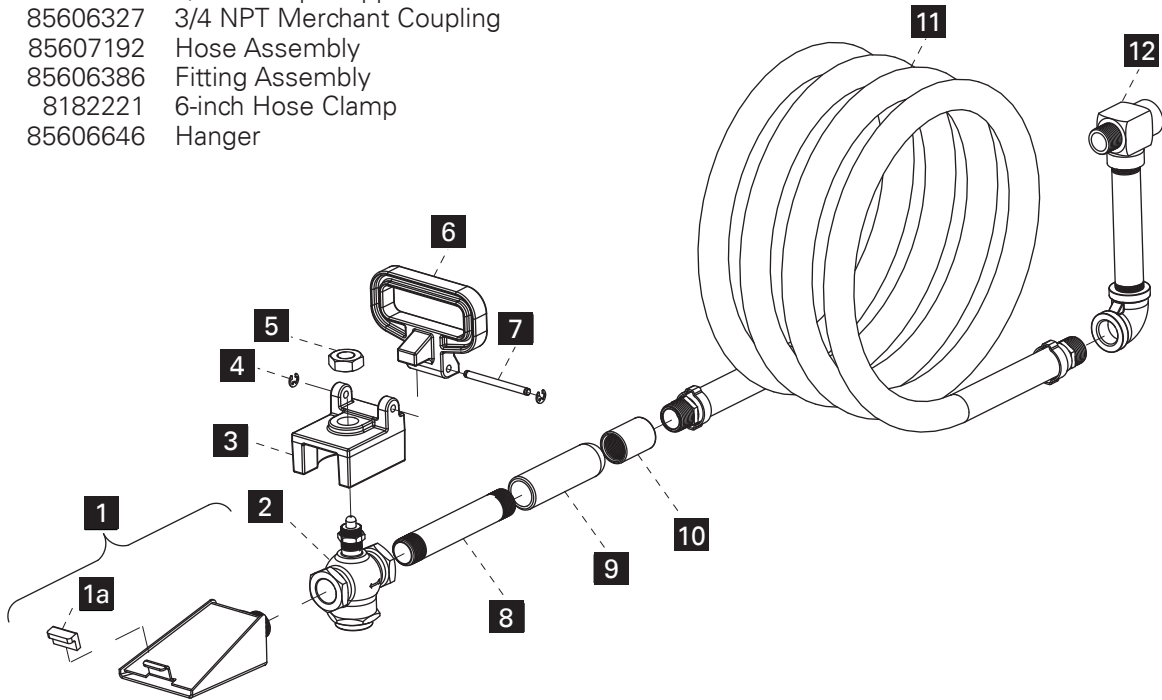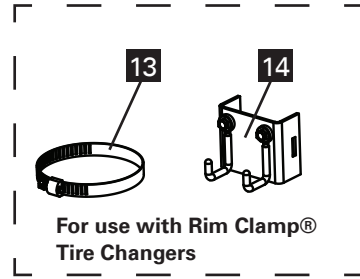

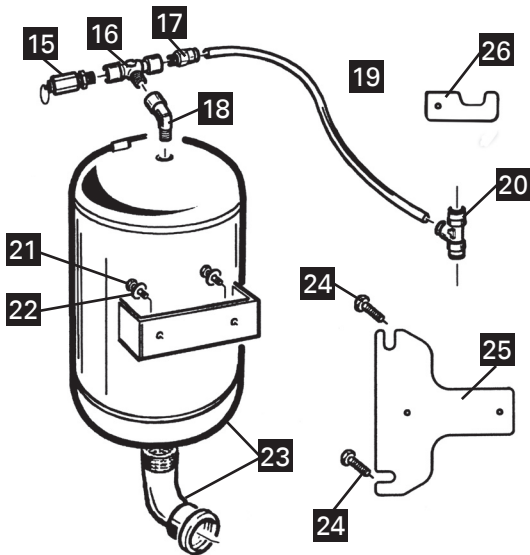*Place the nozzle against the outer rim lip.*

Parts Identification

Kit 85606545 Bead Sealer Accessory

ITEM	PART NO.	DESCRIPTION
1	85606382	Nozzle
1a	85607722	Nozzle Hook Cover
2	8766116	Quick Closing Valve
3	85606334	Bead Sealer Bracket
4	85606329	E-ring, Truarc 5144-25
5	8104610	3/4-16 Jam Nut
6	85606326	Actuator Handle
7	85606332	Pivot Pin
8	85606330	Grip
9	85606333	3/4 NPT Pipe Nipple
10	85606327	3/4 NPT Merchant Coupling
11	85607192	Hose Assembly
12	85606386	Fitting Assembly
13	8182221	6-inch Hose Clamp
14	85606646	Hanger

For use with Rim Clamp® Tire Changers

Kit 85606739 Tank for ProGuard Tire Changers (includes Bead Sealer Accessory)

ITEM	PART NO.	DESCRIPTION
15	84198703	1/4" Safety Valve
16	84199197	1/4" Union
17	84198908	1/4" Union
18	84198884	Quick 1/4" Union
19	83099335	Hose 8x6 L=750
20	84198978	Union
21	84399229	Screw 6x10
22	84398848	Washer 6 (6,6x18x1,5)
23	82019192	Air Tank
24	84399951	Screw 10x35
25	83031243	Tank Support Plate
26	83018120	Hanger