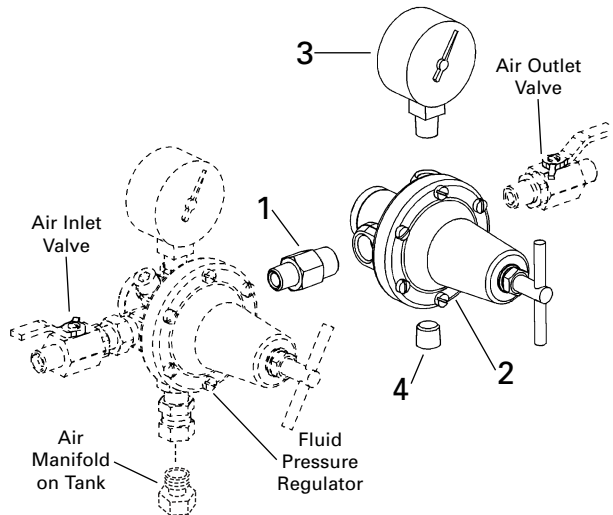


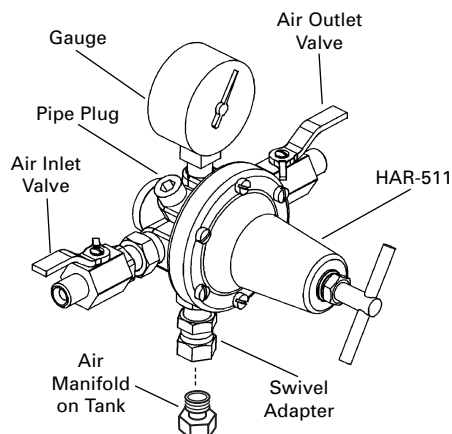
QMS-436 DOUBLE REGULATION CONVERSION KIT

Figure 1
QMS-436 Double Regulation Conversion Kit



Ref No.	Replacement Part Number	Description	Qty
1	83-4233	D.M. Nipple 1/4 x 3/8 Universal Pipe Thd.	1
2	HAR-507	Regulator	1
3	83-1355	Gauge, 100 lbs.	1
4	—	Pipe Plug 1/4 NPT (Supplied/Reg)	1

Figure 2
Typical Single Regulation



PURPOSE

For use where independent and accurate pressure control of both air and fluid is essential. Used with portable air compressors or with air lines when no other means (air transformers or regulators) of air pressure regulation is available.

INSTALLATION

CAUTION

To avoid blast of air when installing regulator on tank or pump, always turn off air supply and bleed off air in the tank by turning the air relief valve thumb screw counterclockwise. Wait until all the air has escaped before removing regulator.

Note

Use pipe sealant on all pipe thread connections.

1. Before removing regulators on tanks with air motors, disconnect the air supply hose from the air motor. Remove fluid pressure regulator at swivel adapter. Refer to Figure 2.
2. Remove air outlet valve.
3. Install hex nipple (1, Figure 1) in right side of fluid pressure regulator.
4. Install air pressure regulator (2) with gauge (3) on D.M. nipple 1/4 x 3/8 universal pipe thread (1). Do not turn gauge case by hand or with a tool. Use the stem underneath the gauge case.
5. Install outlet valve in right side of air pressure regulator (2).
6. Close unused ports with the pipe plug supplied with regulator.
7. Align assembly on tank air manifold and tighten swivel adapter.
8. On tanks with air motors, reconnect the air supply hose to the air motor.
9. Connect air supply hose to the air inlet valve.
10. Connect fluid hose from gun to air outlet on tank lid.
11. Connect air hose from gun to air outlet valve.

OPERATION

1. Open air inlet valve and fluid outlet valve on tank lid.
2. Adjust fluid pressure, in usual manner, to flow approximately one pint per minute.
3. Open air outlet valve.
4. Set air pressure regulator (2) approximately 20 to 30 pounds.
5. Test spray a small area.

A splattered effect indicates too much fluid pressure. Decrease fluid pressure or increase air pressure.

Poor coverage and excessive overspray indicate too much air pressure. Increase fluid pressure or decrease air pressure.

PREVENTIVE MAINTENANCE

After each day's use, relieve tension on regulators by setting them at 0 pounds pressure and turning off the main air supply. Refer to regulator service bulletin for further maintenance.

Flow indicator arrows are on the back of the regulators. Air flow should be in the direction shown when looking at the back of the regulator.

WARRANTY

This product is covered by DeVilbiss' 1 Year Limited Warranty. See SB-1-000 which is available upon request.

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