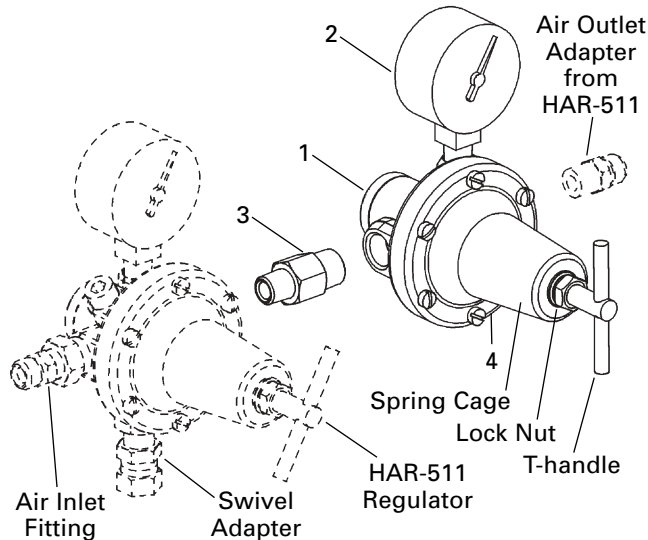


PT-413 AIR REGULATOR KIT



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.

CAUTION

To avoid a blast of air when installing regulator on tank or pump always turn off air supply and relieve pressure before installing.

INSTALLATION

1. Loosen swivel adapter and then remove the HAR-511 regulator.
2. Remove adapter H-2008 from air outlet port of HAR-511 regulator and thread into air outlet port of PT-413 regulator assembly.
3. Thread D.M. nipple 1/4 x 3/8 universal pipe threads (3) of PT-413 into HAR-511 regulator air outlet port. Tighten fittings and align regulators.
4. Place dual regulator assembly onto swivel adapter and tighten.

Note

Use pipe sealant on threaded connections.

PARTS LIST

Ref. No.	Replacement Part No.	Description	Ind. Parts Req.
1	HAR-507	Air Regulator	1
2	83-2727	Gauge, 100 lbs.	1
3	83-4233	D.M. Nipple 1/4 x 3/8 Universal Pipe Threads	1
*4	—	Pipe Plug 1/4" NPT (M) (Supplied/Reg)	1

*Purchase locally.

OPERATION

Turn on air supply.

1. To change adjustment, loosen lock nut. Turn T-handle clockwise to increase the pressure and counterclockwise to lower the pressure. This is a relieving type regulator, therefore, the reduced pressure follows adjustment of the handle. To lock adjustment, turn the lock nut down until it stops against the spring cage.
2. A splattered effect indicates too much fluid pressure. Either decrease fluid pressure or increase air pressure. Poor coverage and excessive overspray indicate too much air pressure. Either increase fluid pressure or decrease air pressure.

See Spray Gun Instructions for operation of gun.

PART REPLACEMENT

The reference numbers on the parts list are keyed to the drawing. Repair Kit Part No. KK-4977 is available for the HAR-511 and HAR-507 regulators.

PREVENTATIVE MAINTENANCE

If the air supply is kept clean, the regulator should provide long periods of uninterrupted service. Erratic regulator operation or loss of regulation is usually due to dirt in the valve assembly or defective diaphragm.

After each day's use, relieve tension on regulators by turning the T-handle counterclockwise until the gauges read "0" pounds pressure. Turn off main air supply.

WARRANTY

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

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