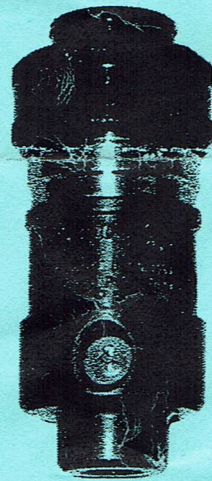




AIR SHIFT PRESSURE REGULATOR

The Carolina Cycle Air Shift Pressure Regulator allows you to use maximum pressure in the main air storage tank, and regulate the air shifter pressure. These regulators have a "Bleed Down" feature. The Bleed Down feature is a self-contained safety release that relieves outlet pressure at approximately 15 psi above the working pressure at any setting. For this reason, the pressure must release at a point below the final set pressure and before the final setting is achieved. To set your working pressure, turn the knob clockwise to a pressure 20 to 30 psi below your desired pressure, then increase the pressure by turning the knob counter-clockwise.

CAUTION: When using high pressure cylinders, be certain to open the cylinder valve slowly to prevent down-line hydraulic surge. Also be sure to use hoses and fittings that are rated for the highest pressure of the main storage cylinder.



REGULATOR ADJUSTMENT

Adjustment is made with the top knob. The regulator knob is turned clockwise to lower pressure, and counter-clockwise to increase pressure. The regulator is turned off by turning the knob clockwise to a light seat.

CONNECTIONS

Around the base of the regulator there are three 1/8 NPT threaded holes. The ports are labeled and connected as follows:

"LP" Big Orifice

This is the outlet to your air shift solenoid.

"LP" Small Orifice

This would be used for a gauge to read regulated pressure. Should be plugged if not used.

"HP"

This port would be used for a gauge to read main air bottle pressure. Should be plugged if not used.

INLET

Connect to main air bottle cap or valve. This is the primary inlet from the bottle. It can be connected using a straight or 90 degree solid fitting.

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