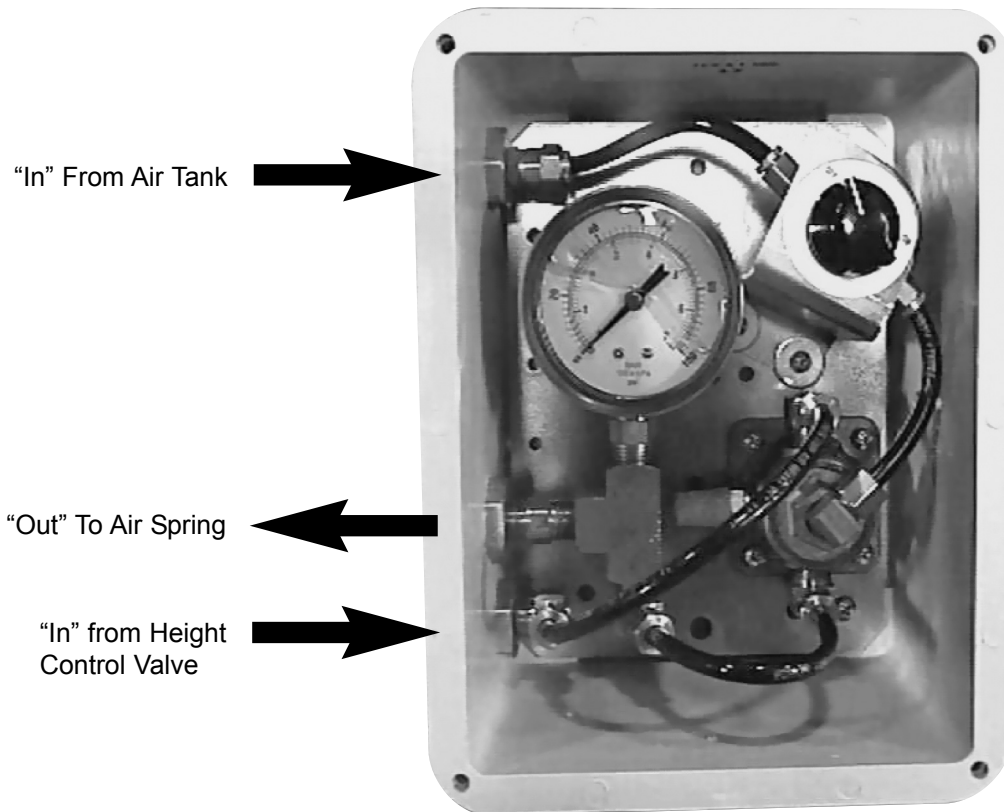




Scale-O-Matic SMD-111
Vertical Load Scale for One Height Control
Valve System with Manual Air Dumping

L31208
(42123026)
Rev. 1/04

Figure 1. Air Line Connections



INSTALLATION

Connect the SMD-111 in line between the height control valve and the air springs. **Figure 1** shows the location and source of the air lines. **Figure 2** (reverse side) is a typical diagram of an air system configuration.

OPERATION

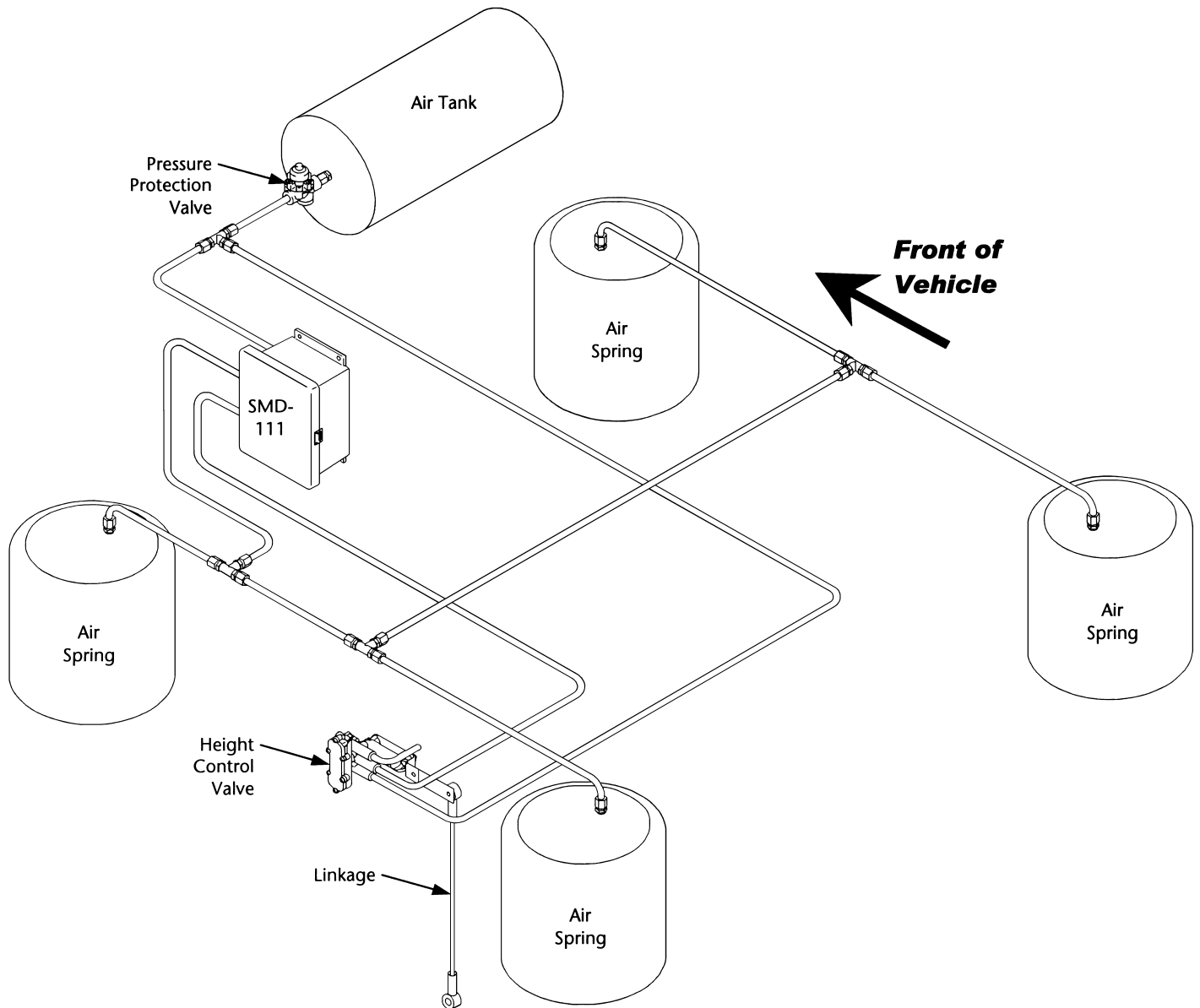
With the manual switch in the "OFF" position, the gauge reads the air spring pressure. This PSIG reading can be converted to gross weight on the suspension using instructions located on the inside cover of the enclosure. When the manual switch is in the "ON" position, the air springs exhaust through the pilot valve.

CAUTION

The manual switch must be in the "OFF" position for the suspension to return to ride height.

If the ride height is adjusted or if service on the suspension is performed, the gross weight calibration must be recalculated using the instructions located on the inside cover of the enclosure.

Figure 2. Sample Piping Diagram



Haldex Commercial Vehicle Systems

North American Sales Division
Haldex Brake Products Corporation
10707 N.W. Airworld Drive
Kansas City, MO 64153-1215
Phone: (816) 891-2470
Fax: (816) 880-9766

North American Sales Division
Haldex Limited
525 Southgate Drive, Unit 1
Guelph, Ontario CANADA N1G 3W6
Phone: (519) 826-7723
Fax: (519) 826-9497