

## GENERAL

All models feature air-adjustable rear suspension. Air pressure may be varied to suit load conditions, riding style and personal comfort. Less initial pressure does not necessarily result in a softer ride. See the table below for the recommended air suspension pressures.

Table 2-6. Rear Air Suspension Pressures

Shock Loading	Recommended Pressures	
	PSI	kPa
<b>All Models Except FLHRS, FLHX - Standard Shocks</b>		
Solo rider up to 150 lbs. (68 kg), hereafter referred to as "Average"	0	0
Solo rider 150-200 lbs. (68-91 kg)	0-10	0-69
Solo rider 200-250 lbs. (91-113 kg)	5-15	35-103
Average rider with passenger up to 150 lbs. (68 kg)	10-15	69-103
Average rider with passenger up to 200 lbs. (91 kg)	20-25	138-172
Maximum GVWR (see Section 2.1 Specifications)	20-35	138-241
<b>FLHRS, FLHX Only - Low Profile Shocks</b>		
Solo rider up to 160 lbs. (73 kg), hereafter referred to as "Average"	0-5	0-35
Solo rider 160-200 lbs. (73-91 kg)	0-10	0-69
Solo rider over 200 lbs. (91 kg)	5-10	35-69
Average rider with passenger up to 150 lbs. (68 kg)	20-30	138-207
Average rider with passenger over 150 lbs. (68 kg)	25-35	172-241
Maximum GVWR (see Section 2.1 Specifications)	40-50	276-345

**WARNING**

Use this table as a starting point in determining suitable rear air suspension pressures. Do not exceed maximum GVWR when loading vehicle and do not pressurize system in excess of 50 psi (345 kPa) for FLHRS, FLHX models and 35 psi (241 kPa) for all others. Excessive load weight and/or air suspension pressure can adversely affect handling and lead to loss of vehicle control, which could result in death or serious injury.

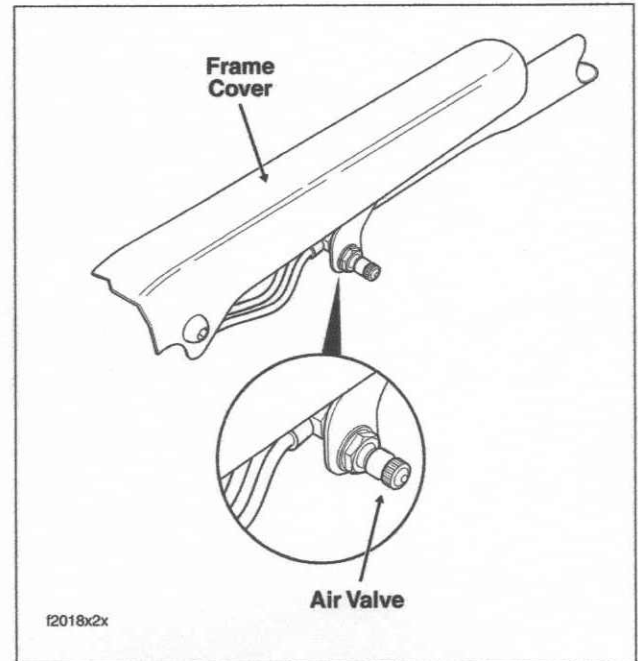


Figure 2-90. Rear Air Suspension Air Valve (Under Protective Cap)

**CAUTION**

Improper inflation of rear air suspension components also can result in a reduction of available suspension travel, reduced rider comfort and possible damage to shock absorbers.

**CAUTION**

All air components fill rapidly. Use low air line pressure to avoid possible damage. A small hand or foot operated air pump is the best way to add air to suspension components.

**CAUTION**

Use a no-loss air gauge to check air pressure. Check pressure in shocks weekly if in daily use or before each trip if only used occasionally.

**NOTE**

An AIR SUSPENSION PUMP AND GAUGE (Part No. HD-34633A) is available at your Harley-Davidson dealer.