

The Air Safety Diverter Valve, one of the optional components of the RazorGage Basic Machine Interface (BMI) is used to divert an air signal in a machine's control circuit to keep it from cycling when the RazorGage is in motion. For example if you have a saw that uses a foot pedal or two hand trip that delivers an air signal to a control circuit when pressed the signal will be diverted to atmosphere when the RazorGage is moving. The RazorGage Air Safety Valve is a 4-way 2 position solenoid valve powered by 24 Volts DC current. When the RazorGage is not moving Port 1 is open to Port 4. When the RazorGage is in motion Port 1 is open to Port 2. See a typical plumbing example below.

TO LOGIC CONTROL THAT RECEIVES AIR SIGNAL FROM TWO HAND ANTI TIE DOWN MODULE OR FOOT PEDAL FOR THE PURPOSE OF CYCLING THE MACHINE.

