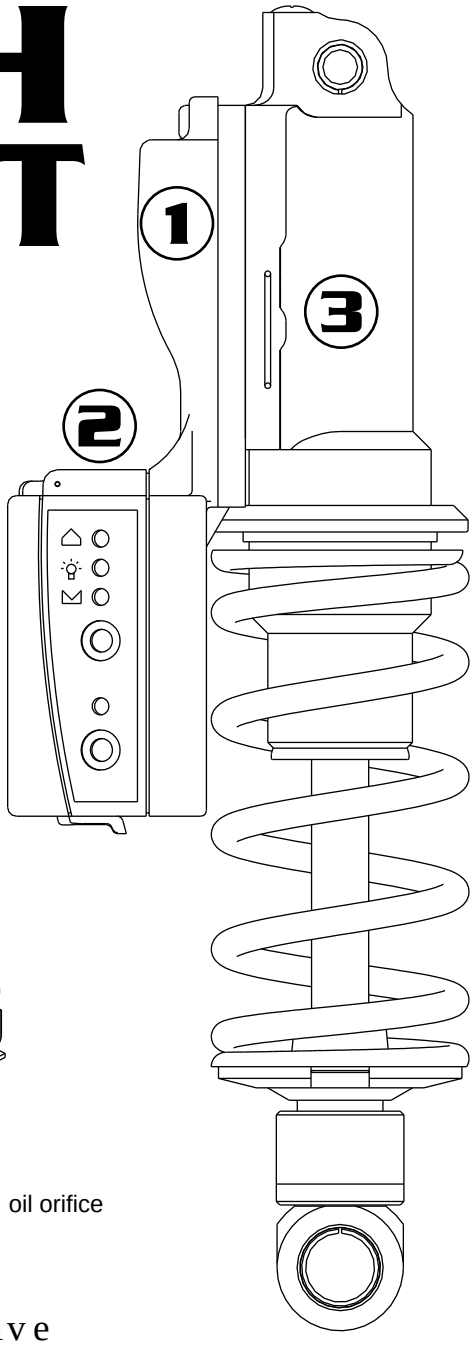
SMART SHOCK2 TECH SHEET

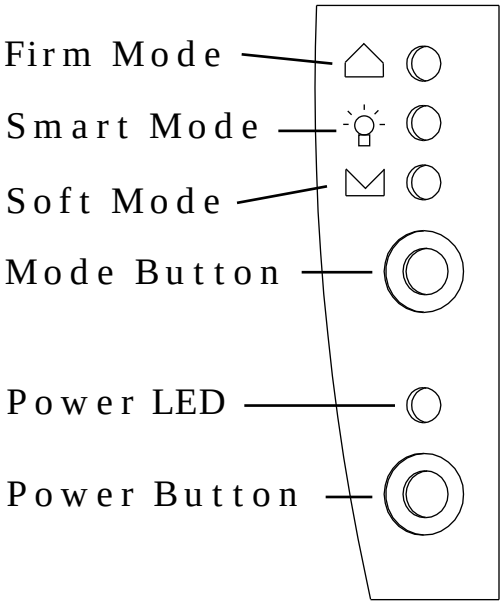


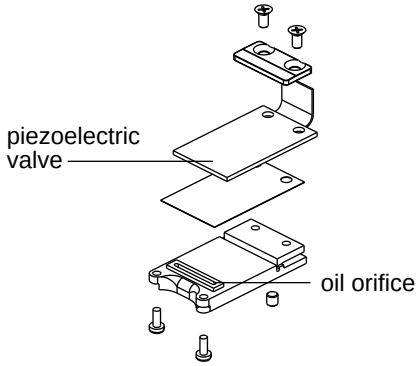
1. While actively scanning the piston location (finds the position of the magnet in the main piston) at a rate of 1000 times per second, the Sensor in the “Brain” determines the position of the piston and sends a signal to the processor.

2. The “Bump Processor” determines how much compression damping is required according to the speed and position of the main piston and sends a charge to the piezo bypass valve.

3. The Piezo valve opens or closes, allowing oil to bypass the main valving to reduce compression damping, or closes the valve to force more oil through the main piston to increase compression damping.

Control Panel





Piezo Valve

