**Problem**
Current coil spring and urethane bumper suspension methods provide marginal damping from impact and vibration. These systems also are susceptible to wear and rebound control problems.

**Solution**
Airmount isolators positioned at the rear and/or mid-section of the bike frame to cushion, absorb and isolate impact and vibration.

**Benefit**
The isolators provide constant isolation efficiency, virtually eliminate rebound and require no maintenance or lubrication. Another key advantage: isolators can be adjusted for different sizes/weights of riders.