

WEIGHT

HOW IMPORTANT IS A POUND OF WEIGHT?:

Lifting a bicycle on its own tells you little about the weight of the whole vehicle (bike and rider). Lifting the bike also does not reveal anything about the other crucial items like stiffness, aerodynamics, rolling resistance, cornering, and fit that play significant roles in how the bike performs. Suspension weighs slightly more than not having suspension. Here are two reasons why the small weight difference is insignificant:

1. Bicycles don't ride themselves. They need a rider to power them. To get an honest weight comparison between bikes, you really need to lift both the bike and the rider together to get total vehicle weight. If this is done, the difference between a Softride and rigid frame is under 1% (see comparison to the right).
2. All the Performance Advantages are simply not capitalized upon without suspension.

Weight COMPARISON



Total vehicle weight comparison of equivalently equipped and priced Softride and rigid frame options:

Medium Softride Rocket R1 with Ultegra group: 19.3 lbs. + 160 lb. rider = 179.3 lbs.
55cm high-end rigid bike with same Ultegra group: 18 lbs. + 160 lb. rider = 178 lbs.

Total Vehicle Weight Difference = 0.84% (**less than 1%**)