

HAYES TRAIL GUIDE

INSTRUCTION MANUAL FOR IMPROVING
YOUR MOUNTAIN BICYCLING EXPERIENCE



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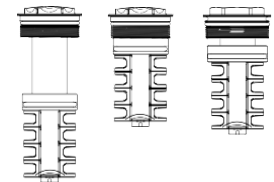
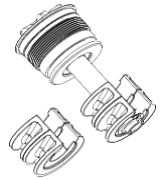
MRD IVA (INCREMENTAL VOLUME ADJUST)

- Allows customized ramp-up for specific conditions or rider preference.
- Spacers are self contained for easy, self tuning without losing parts.

DH AIR SYSTEM

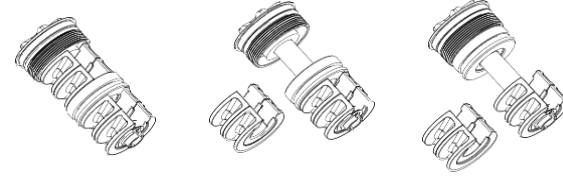
- Provides low weight and smooth, sensitive top-out.

AVAILABLE FOR:
MATTOC PRO / EXPERT / COMP
DORADO PRO / EXPERT

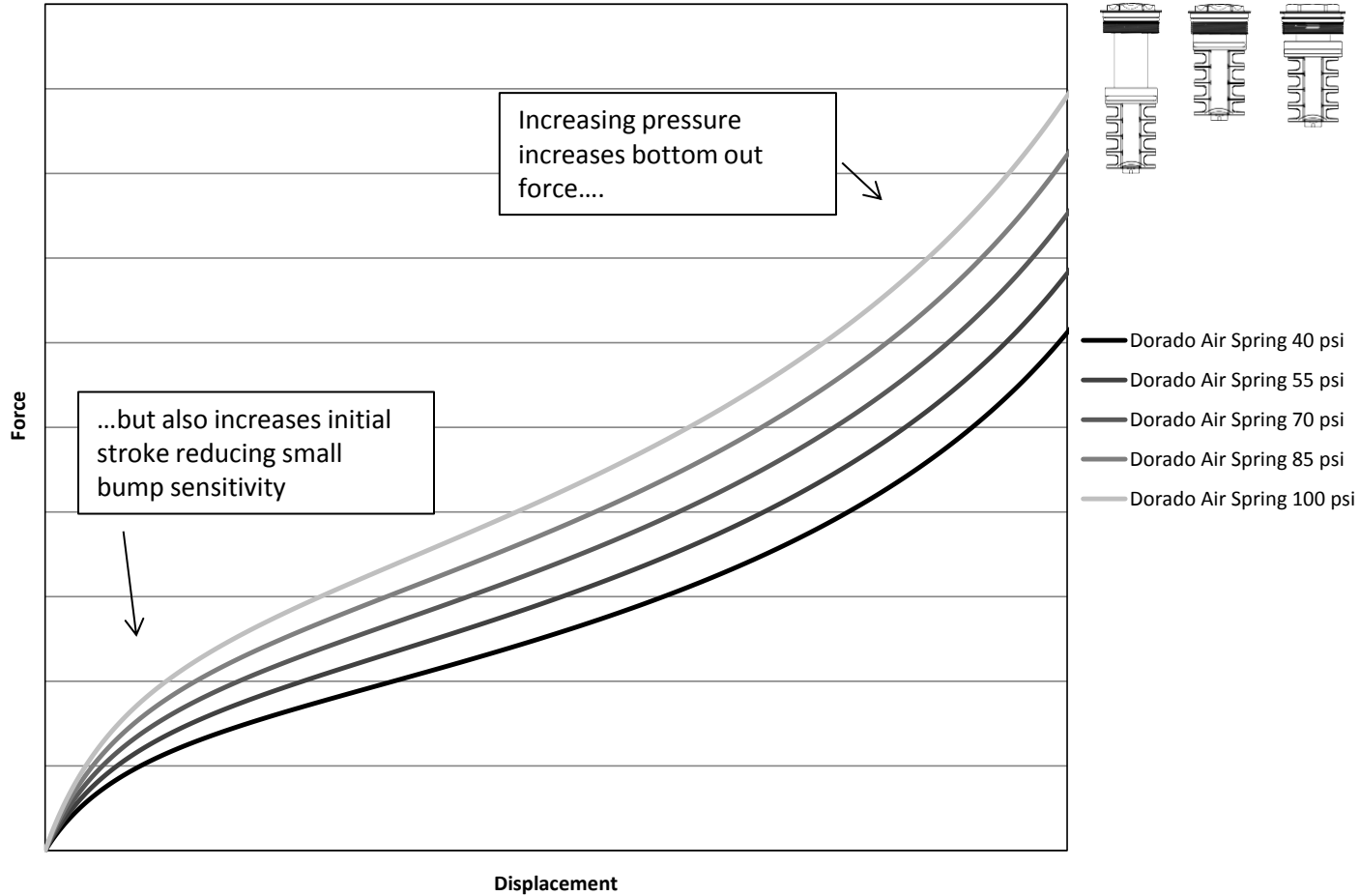




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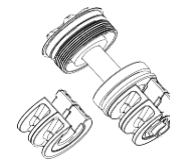


Standard Dorado Air Spring, Pressure Comparison

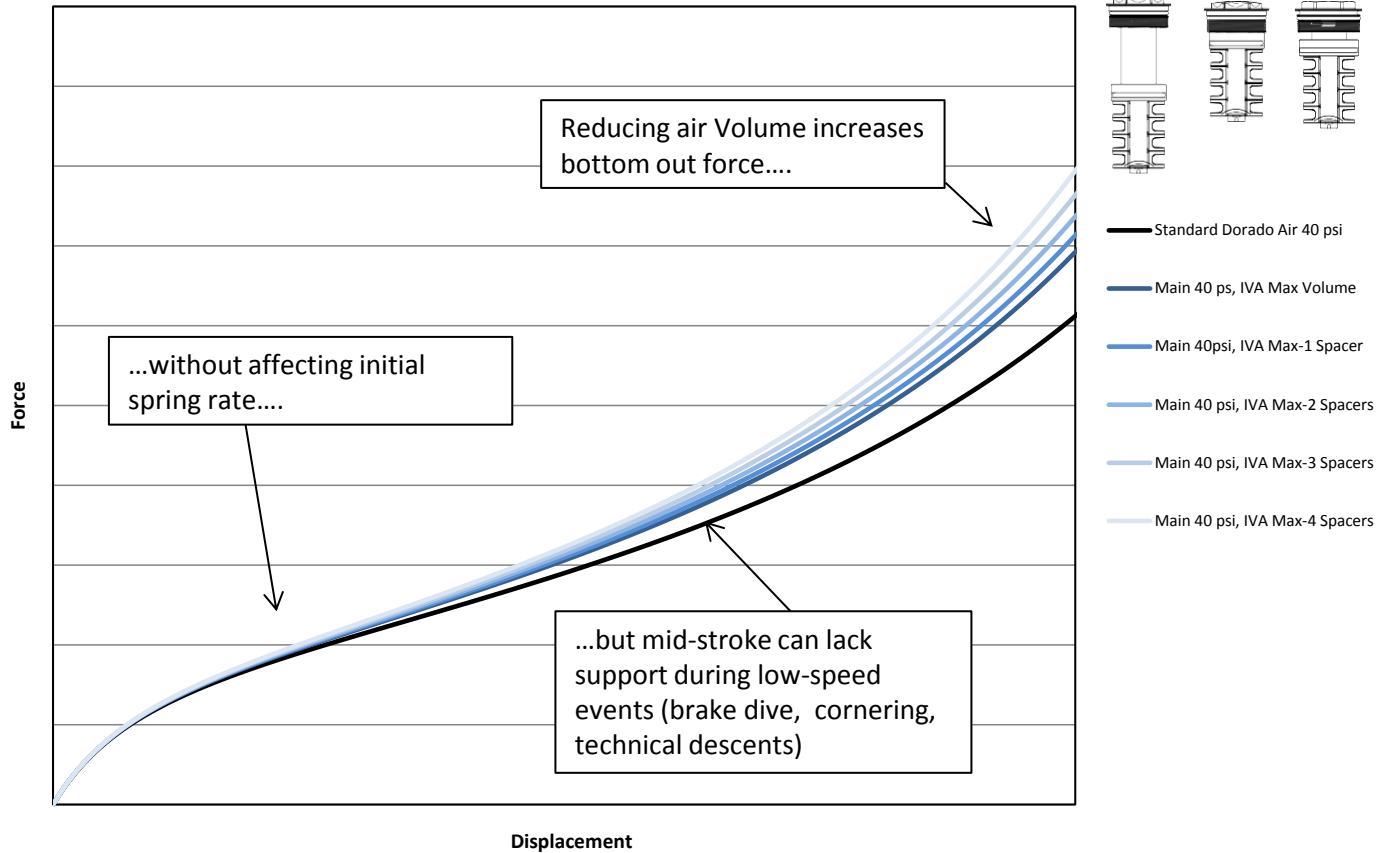




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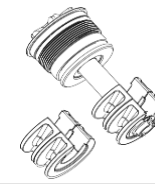
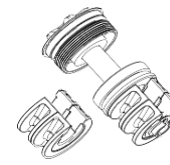


Dorado Air Spring 40 psi + IVA Spacers

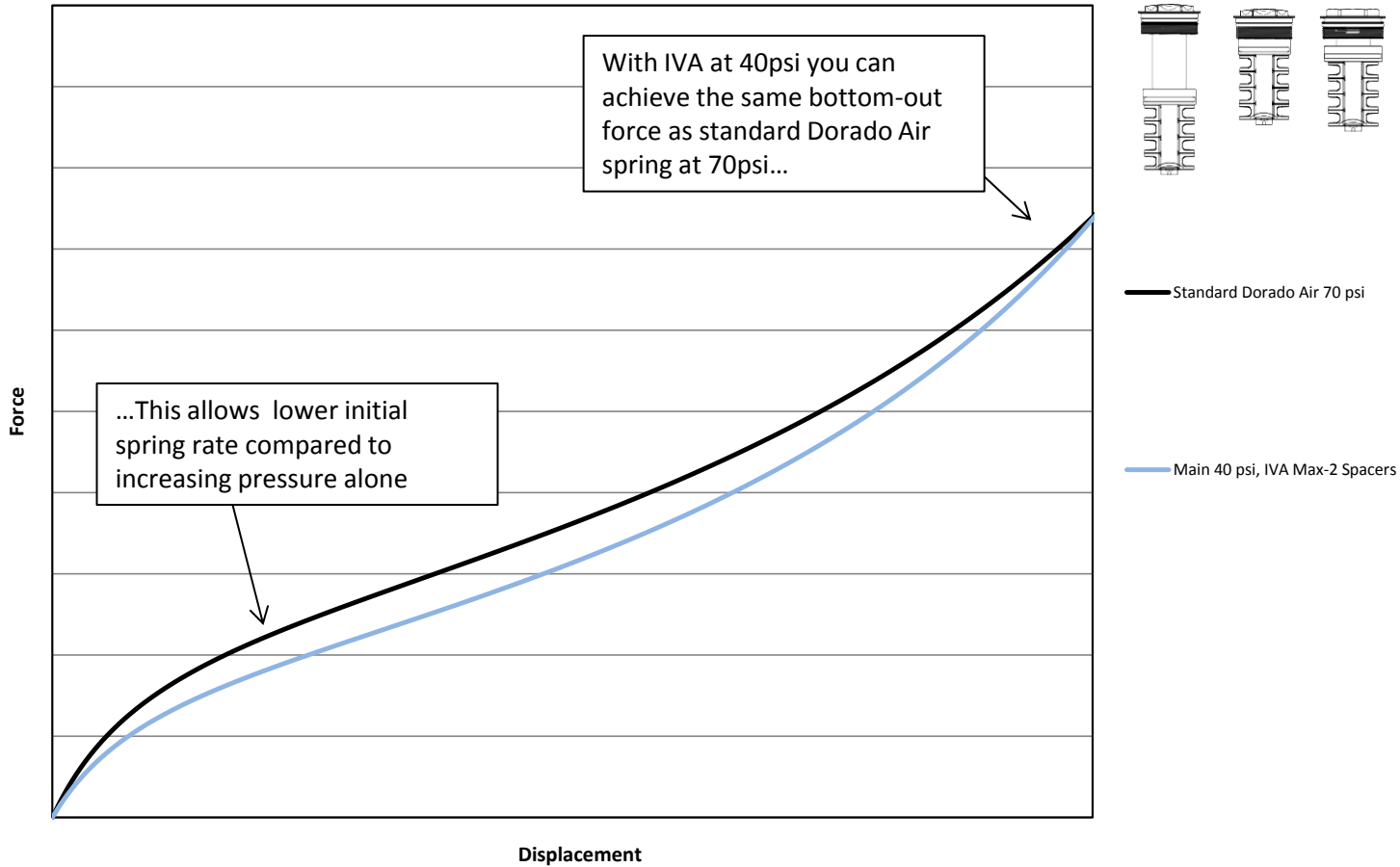




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Dorado Air Spring comparison Standard vs. IVA 2 spacers installed





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Comparing Dorado Standard Spring with

IRT (Initial Rate Tune)

And

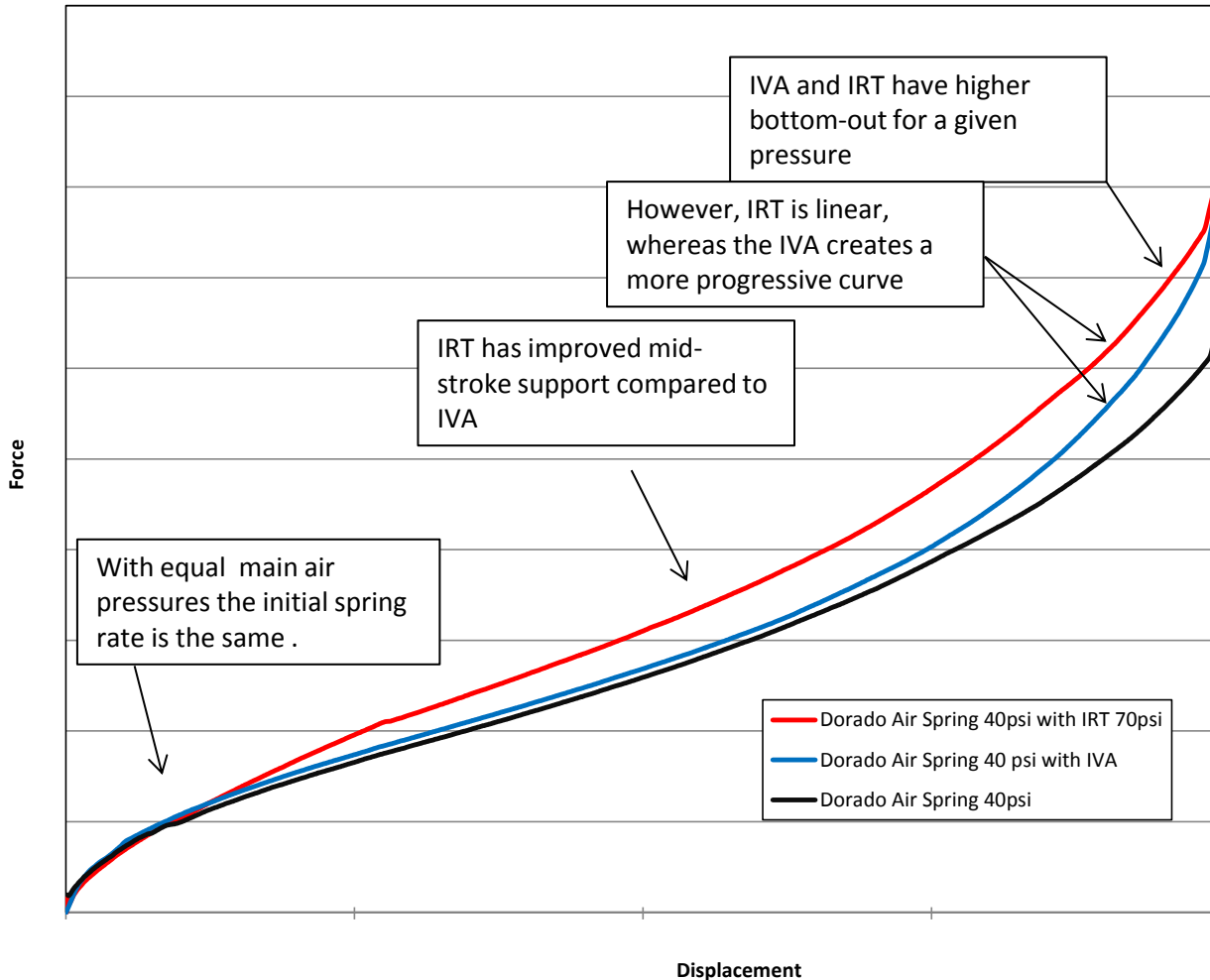
IVA (Incremental Volume Adjust)





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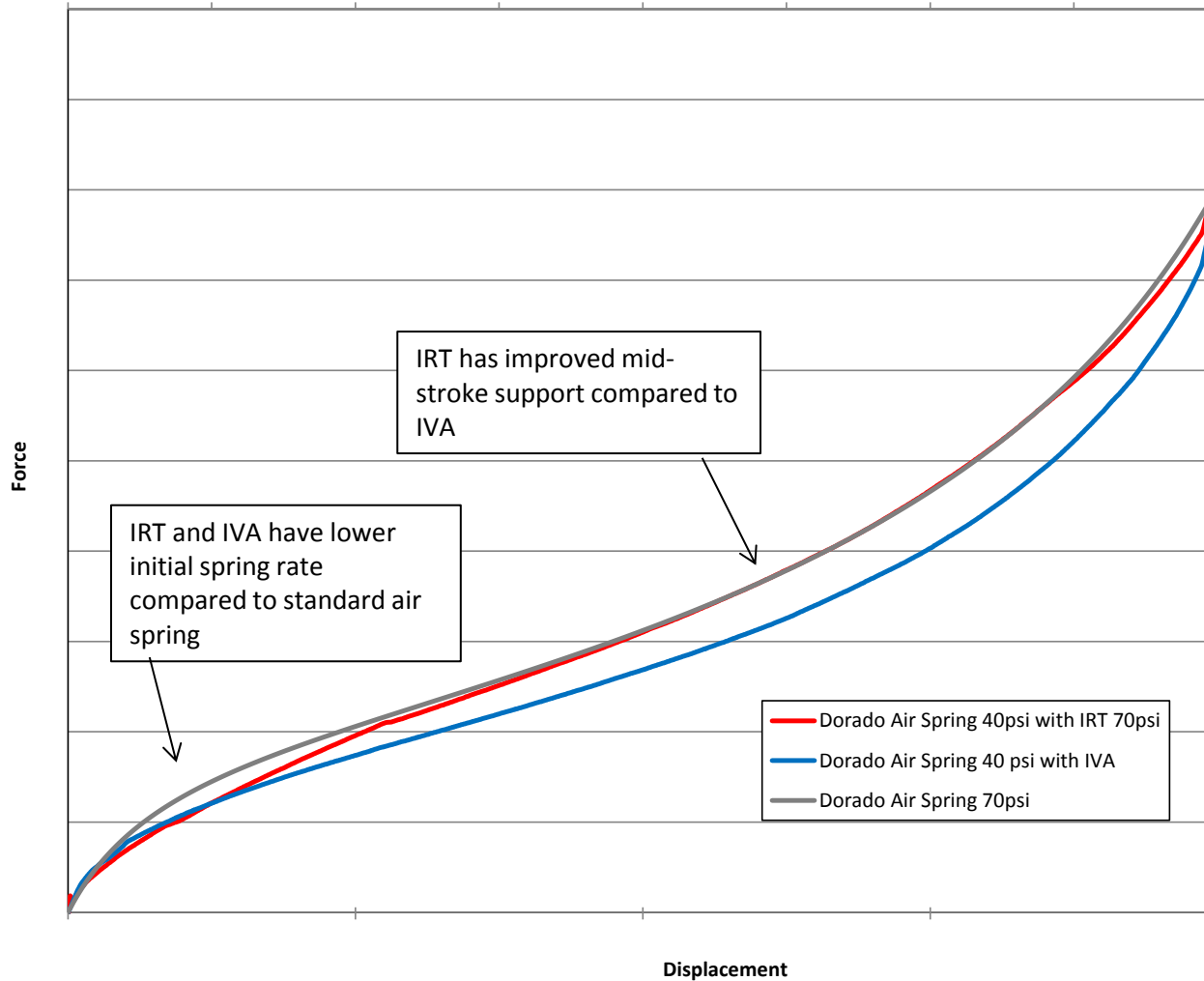
Dorado Air Spring with IVA or IRT, Equal Pressure





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Dorado Air Spring with IVA or IRT, Equal Bottom-out Force





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What's the bottom line?

STD (Standard) vs. IVA (Incremental Volume Adjust)

IVA adds end stroke control and a simple tuning ability.

STD (Standard) vs. IRT (Infinite Rate Tune)

IRT offers better support with low set-pressures while maintaining the linearity to bottom.

IVA (Incremental Volume Adjust) vs. IRT (Infinite Rate Tune)

Key advantage of IRT is it maintains or even improves small bump compliance and builds good support in the mid-stroke (cornering and braking loads) while keeping linearity thru bottom-out.

IRT requires more user knowledge, intended for the sophisticated rider/racer.





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What technology is best for me?

IRT (Infinite Rate Tune)

IRT Allows rider to maintain mid-stroke support while reducing initial spring force.

Who is it for:

Riders and racers who have more extensive understanding of air spring function who want to custom tune spring rate for more sensitive initial stroke AND more supportive mid-stroke.

IVA (Incremental Volume Adjust)

IVA allows rider to tune end-stroke control simply by adjusting air volume using integrated piston spacers.

Who is it for:

Riders who want to custom tune the air spring for more sensitive initial stroke OR more progressive end-stroke.



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