



## DUC 32 & SC 32 Tuning Chart

Rider Profile		Damper Cartridge			Air Spring Cartridge			
Weight	Style	PSI Range	Oil Viscosity	Shim Stack	PSI Range	Negative Spring	Oil Volume - bottom of cartridge	Oil Volume* - top of air spring piston
<b>Stock</b>		60 - 70	5 wt	21, 15, 12mm Piston flat side: Down	80 - 100	5 nM	3 - 5 ml	3 ml 5 wt oil
<b>Ultra Light: 90 - 110 lbs</b>	<b>Less aggressive</b>	50 - 60	5 wt	21, 12mm Piston flat side: Up	50 - 60	3 nM - DUC/SC	3 ml	3 ml Red Rum or 80 wt oil
	<b>Slower rebound</b>	Same	10 wt	Same	Same	Same	Same	Same
<b>Light: 110 - 140 lbs</b>	<b>Moderately aggressive</b>	60 - 70	5 wt	21, 12, 15mm Piston flat side: Up	60 - 80	3 - 4 nM - DUC 3 nM - SC	3 ml	3 ml Red Rum or 80 wt oil
	<b>Slower rebound</b>	Same	10 wt	Same	Same	Same	Same	Same
<b>Moderate: 140 - 175 lbs</b>	<b>Aggressive; All round</b>	60 - 100	5 wt or 10 wt	21, 15, 12mm Piston flat side: Down	80 - 100	5 nM	5 ml	3 ml Red Rum or 80 wt oil
	<b>Slower rebound</b>	Same	15 wt	21, 15, 12mm Piston flat side: Up	Same	5 nM	5 ml	Same
	<b>Faster rebound</b>	Same	5 wt	21, 15, 12mm Piston flat side: Down	Same	5 nM	5 ml	Same
	<b>Lighter rider with SC</b>	60 - 80	5 wt	21, 15, 12mm Piston flat side: Down	60 - 80	4 nM	3 - 5 ml	Same
	<b>Heavier rider with DUC</b>	80 - 90	5 - 15 wt	21, 15, 12mm Piston flat side: Down	100 - 130	5 or 6 nm	10 - 15 ml	Same
<b>Heavy: 175 - 210 lbs</b>	<b>Aggressive; Big hits</b>	80 - 90	10 - 15 wt	12, 15, 21mm Piston flat side: Down	100 - 130	6 nM	10 - 15 ml	3 ml Red Rum or 80 wt oil
<b>Clydesdale: 210 - 260 lbs</b>	<b>Aggressive; Big drops</b>	80 - 90	15 wt	21, 15, 15, 12mm** Piston flat side: Down	110 - 160***	7 nM	15 ml	3 ml Red Rum or 80 wt oil

**Notes:** Use this as a guide only, there are many other variations to further customize tuning

Ultra light shim stack should only be used with light weight and less aggressive riders to prevent shim damage

Oil bath volume should remain the same regardless of the tuning adjustments performed. DUC - 10 ml; SC - 5 - 7 ml

\* **Will not effect ride performance; for lubrication only**

\*\* The additional 15mm shim will increase compression damping.

\*\*\* 160 lbs is the maximum PSI for the Air Spring Cartridge - **do NOT pressurize above this.**