

m DORADO COMP SET-UP GUIDE

SPRING ADJUSTMENT

DORADO COIL SPRING



TSR — PRESSURE RELIEF SCREW

- DORADO COMP COMES STOCK FROM THE FACTORY WITH A “MEDIUM” RATE SPRING.
- RIDERS REQUIRING A SPRING RATE OTHER THAN “MEDIUM” WILL NEED TO INSTALL THE PREFERRED COIL SPRING IN THE FORK.
- SIX SPRING RATES ARE AVAILABLE FOR PURCHASE IN THE AFTERMARKET. REFER TO THE SPRING RATE GUIDE ON THE RIGHT TO SELECT THE CORRECT SPRING RATE.
- SEE THE OWNERS MANUAL FOR A DETAILED SPRING INSTALLATION PROCEDURE.

SPRING PRELOAD



- THE PRELOAD ADJSUTER, LOCATE ON THE BOTTOM OF THE SPRING LEG, INCREASES THE INITIAL FORCE REQUIRED TO COMPRESS THE FORK.
- INCREASING THE PRELOAD REDUCES THE AMOUNT OF SAG, ALLOWING THE FORK TO RIDE HIGHER IN THE TRAVEL.
- REDUCING THE PRELOAD ADJSUTER INCREASES THE AMOUNT OF SAG, ALLOWING THE FORK TO RIDE DEEPER IN THE TRAVEL.

SET-UP NOTES

- SPRING RATE RECCOMENDATIONS SHOULD YIELD 20-30% SAG MEASUREMENT WITH RIDER IN STANDING POSITION (WEIGHT DISTRIBUTED 70% ON PEDALS 30% ON HANDLEBARS) SEE OWNERS MANUAL FOR SAG MEASUREMENT PROCEDURE. THE PRELOAD ADJSUTER MAY BE INCREASED TO REDUCE SAG.
- TSR (TRAIL SIDE RELIEF) – WITH FORK FULLY EXTENDED UNTHREAD SCREWS 2-3 TURNS USING A 2.5MM HEX TO ALLOW INTERNAL PRESSURE FROM HEAT AND ELEVATION TO EQUALIZE. RETIGHTEN THE TSR SCREW 0.5-0.7 Nm [4-6 LB-IN] BEFORE RIDING.

DIAL IT IN! TUNING DEFINITIONS:

- **STANDARD:** SOFTER DAMPING FOR REDUCED FATIGUE DURING LONG LIFT OR SHUTTLE DAYS
- **DH RACE:** BALANCED DAMPING FOR FAST ROOTY/ROCKY TERRAIN
- **PARK:** INCREASED LO-SPEED SUPPORT FOR PUMPING THROUGH BERMS AND JUMPS

Rider Weight		Coil Spring Rate, lb/in [Kg/cm]		
lbs	Kg	Rate	Stripe Color	Service Kit
>225	>102	XX-Firm 52 [9.3]	Black	141-38380-K032
200-225	91-102	X-Firm 45 [8.0]	Yellow	141-38380-K031
175-200	79-91	Firm 40 [7.1]	Red	141-38380-K030
150-175	68-79	Medium 35 [6.2]	Blue	141-38380-K029
125-150	57-68	Soft 30 [5.3]	Green	141-38380-K026
<125	<57	X-Soft 25 [4.5]	White	141-38380-K041

DAMPING ADJUSTMENT	FUNCTIONAL DESCRIPTION	[OPEN-CLOSED] ADJUSTMENT RANGE	STANDARD TUNING	DH RACE TUNING	PARK TUNING
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">TPC REBOUND</p>	<p>CONTROLS SPEED AT WHICH WHEEL RETURNS TO SAGGED POSITION AFTER COMPRESSION EVENT</p>	<p>MIN 20 - 0 MAX</p>	6-10	6-10	4-8
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">ABS+</p>	<p>CONTROLS DAMPING FOR SPRUNG CHASSIS MOVEMENT; PEDALING, PUMPING, BERMS, G-OUTS, LANDINGS, ETC.</p>	<p>MIN 20 - 0 MAX</p>	13-17	9-13	6-10

- REBOUND SPEED IS DEPENDENT ON SPRING RATE. RECOMMENDED SETTINGS ARE FOR AN AVERAGE RIDER (170 LBS [77 KG]). REBOUND SETTING WILL VARY FOR DIFFERENT RIDER WEIGHTS AND /OR SPRING RATES.
- FOR BEST PERFORMANCE REBOUND SPEED SHOULD BE EQUAL FOR FRONT AND REAR WHEELS.
- ABS+ ADJUSTER CONTROLS THE COMPRESSION DAMPING.
- INCREASE ABS+ TO IMPROVE SUPPORT OFF LIPS OF JUMPS, CORNERING THRU BERMS, AND PREVENT BOTTOMING ON LANDINGS.
- REDUCE ABS+ TO IMPROVE SMALL BUMP SENSITIVITY AND REDUCE HAND FATIGUE.