



## REACTOR - SEATSTAY FLIP CHIP INSTRUCTIONS

THERE ARE 2X CHAINSTAY POSITIONS THAT ARE POSSIBLE ON THE NUKEPROOF REACTOR 27.5" AND 29" FRAMES: 'TRAIL' OR 'RAIL'. (ALL FRAMEAS COME FITTED IN THE TRAIL POSITION).

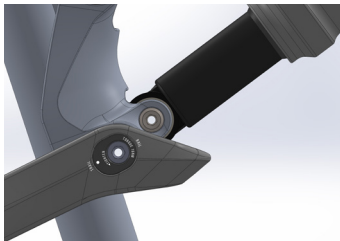
REACTOR 275&290 FLIP CHIP POSITION	(HA) HEADTUBE ANGLE	(STE) EFFECTIVE SEATTUBE ANGLE	(BB) BOTTOM BRACKET DROP	BOTTOM BRACKET HEIGHT
TRAIL	66°	75.5°	-18MM C55	336MM
RAIL	65.5°	75°	-24MM	330MM

THESE CHIPS ALTER THE HEAD ANGLE, SEAT ANGLE AND THE HEIGHT OF THE BOTTOM BRACKET.

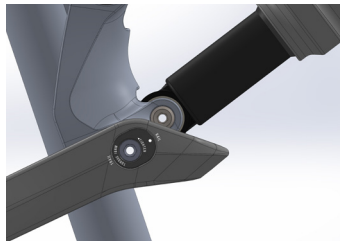
**TRAIL** – AS THE NAME SUGGESTS, THIS SETTING IS BEST SUITED FOR TRAIL RIDING, WHERE YOU WILL SPEND TIME CLIMBING AS WELL AS DESCENDING ON THE BIKE.

**RAIL** – THE RAIL SETTING IS THE MORE AGGRESSIVE OF THE TWO; SLACKENING THE HEAD ANGLE -0.5DEG AND LOWERING THE BOTTOM BRACKET BY 6MM. THIS SETTING IS BEST SUITED FOR A DAY WHEN YOU ARE RIDING UPLIFTS OR MOSTLY DESCENDING.

## SEATSTAY FLIP CHIP ORIENTATION DIAGRAM



TRAIL



RAIL

## INSTRUCTIONS FOR HOW TO CHANGE THE SEATSTAY FLIP CHIP POSITION FROM "TRAIL" TO "RAIL":

1. INSERT THE BIKE INTO A BIKE STAND, CLAMPING THE SEATPOST FIRMLY.
2. USING A 5MM ALLEN KEY REMOVE THE REAR AXLE/WHEEL AND SET ASIDE. (NOTE THAT THE WHEEL DOES NOT HAVE TO BE REMOVED BUT IT IS EASIER IF YOU DO.)
3. START ON THE DRIVE-SIDE, USING A 6MM ALLEN KEY, TURN THE FLIP CHIP HEX CLOCKWISE TO LOOSEN THE BOLT FROM THE CHIP, AS YOU LOOSEN IT, THE CHIP SHOULD START TO SLIDE OUT/MOVE TOWARD YOU. IF IT DOES NOT, THEN USE A FINGER TO PUSH THE BOLT FROM THE BACK. REMOVE THE CHIP ONCE FREE AND SET ASIDE.
4. REPEAT STEP 3 BUT FOR THE NON-DRIVE SIDE.
5. RE-INSERT THE NON-DRIVE-SIDE FLIP CHIP IN THE "RAIL" POSITION. YOU MAY NEED TO LIFT THE BACK END OF THE BIKE SLIGHTLY TO DO SO. TURN THE FLIP CHIP HEX BOLT ANTI-CLOCKWISE TO THREAD THE BOLT INTO THE CHIP. BE CAREFUL NOT TO CROSS THE THREADS. YOU MAY NEED TO PUSH THE BOLT FROM THE BACK TO START THE THREAD. (FOR POSITION REFER TO THE SEATSTAY FLIP CHIP ORIENTATION DIAGRAM.)
6. REPEAT STEP 5 BUT FOR THE DRIVE-SIDE.
7. TORQUE BOTH FLIP CHIP HEX BOLTS TO 16NM.
8. RE-INSERT THE REAR WHEEL AND RE-TIGHTEN THE REAR AXLE TO THE CORRECT TORQUE.
9. REMOVE FROM THE BIKE STAND AND GO SHRED!