



**DREADNOUGHT V2 //**  
**DROPOUT SWAPOUT**



## SWAPOUT PROCEDURE

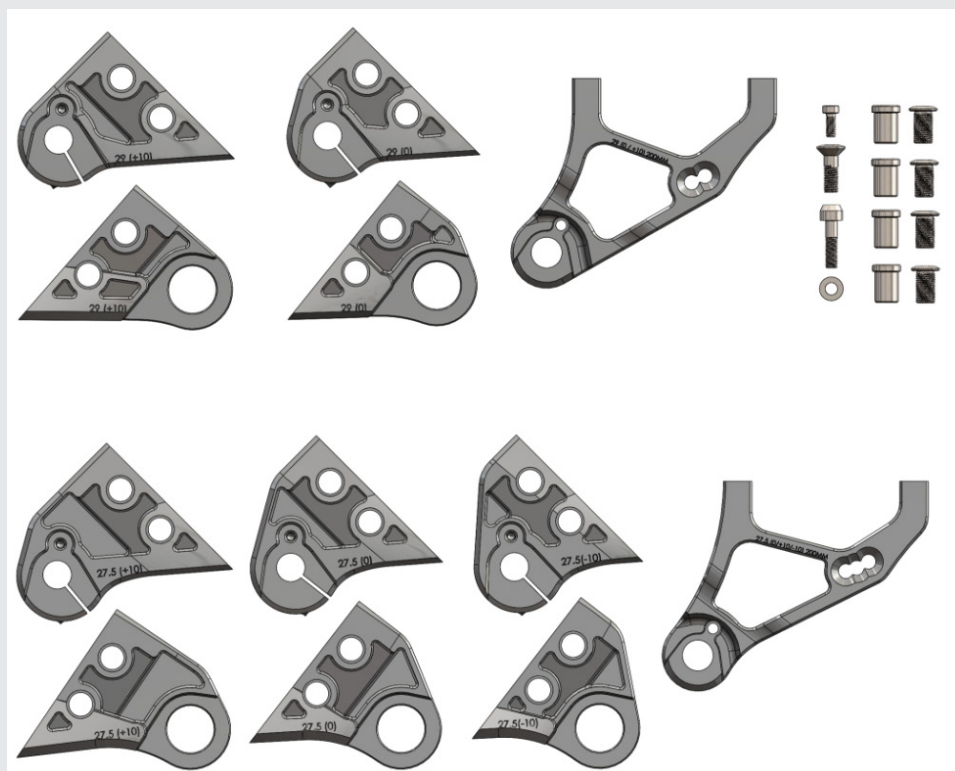
By using modular dropouts we've added another level of performance tuning to your ride. Dropouts are easily swapped for different wheel sizes as well as meaningful geometry and weight bias adjustments. MX or 29 wheel configuration and 0, +10mm, and -10mm adjustments are all made via modular dropouts. This allows you to customize weight bias and handling to suit riding style or terrain type. 200mm direct brake mounts included as standard.

Please follow the steps outlined on pages 02- 04 and reference the exploded diagrams.

The tools you will need are a 4mm, 5mm, 6mm, and 8mm allen key, a torque wrench (with 4, 5, 6 and 8mm allen key heads) and white lithium grease.

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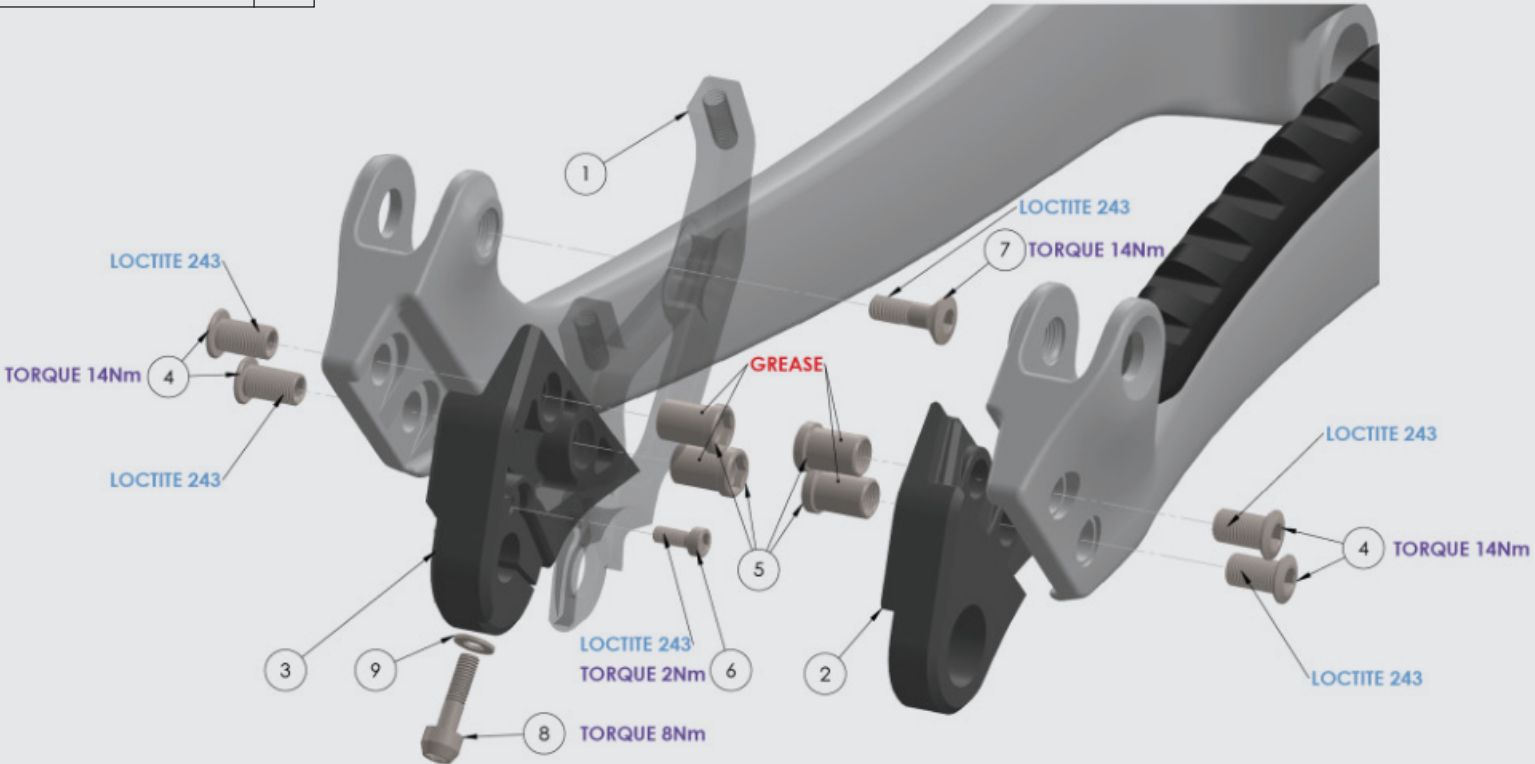
## ITEMS NEEDED



# SWAPOUT PROCEDURE



| ITEM NO. | DESCRIPTION                       | QTY |
|----------|-----------------------------------|-----|
| 1        | BRAKE MOUNT                       | 1   |
| 2        | DRIVESIDE DROPOUT                 | 1   |
| 3        | NON DRIVESIDE DROPOUT             | 1   |
| 4        | DROPOUT BOLT 5mm HEX              | 4   |
| 5        | DROPOUT NUT 8mm HEX               | 4   |
| 6        | M4 X 10 RETAINING SCREW 4mm HEX   | 1   |
| 7        | M6 X 20 COUNTERSUNK SCREW 5mm HEX | 1   |
| 8        | M5 X 20 SOCKET SCREW 5mm HEX      | 1   |
| 9        | M5 X 1.0 WASHER 10mm OD           | 1   |



# SWAPOUT PROCEDURE



## STEP 1

Put your bike in a workstand. Remove the rear wheel, rear derailleur (and hanger if necessary) and rear caliper. Use the 5mm allen key to loosen and remove the M6 countersunk screw from the horst link pivot. Then use a 4mm allen key to remove the smaller brake mount retaining screw on the non drive-side dropout.

## STEP 2

Using 5mm and 8mm allen keys, loosen off the four sets of “chainring style” nuts and bolts (two sets on each side). Remove the fasteners and the dropouts from the chainstay. Clean off any old grease or loctite from the nuts and bolts respectively.

## STEP 3

Swap-out the dropouts for the set of your choice. Offer the dropouts up to the chainstay [the interface between the dropouts and the chainstay means that you cannot mix up the left and right sides].

Apply new grease on the outer surfaces of the dropout nuts and fresh Loctite on the threads of the dropout bolts. Align the holes on the dropouts with those on the chainstay and insert the dropout nuts. Hold the nuts firmly in place with a 8mm hex while you thread the dropout bolts in using a 5mm hex torque to 14Nm.

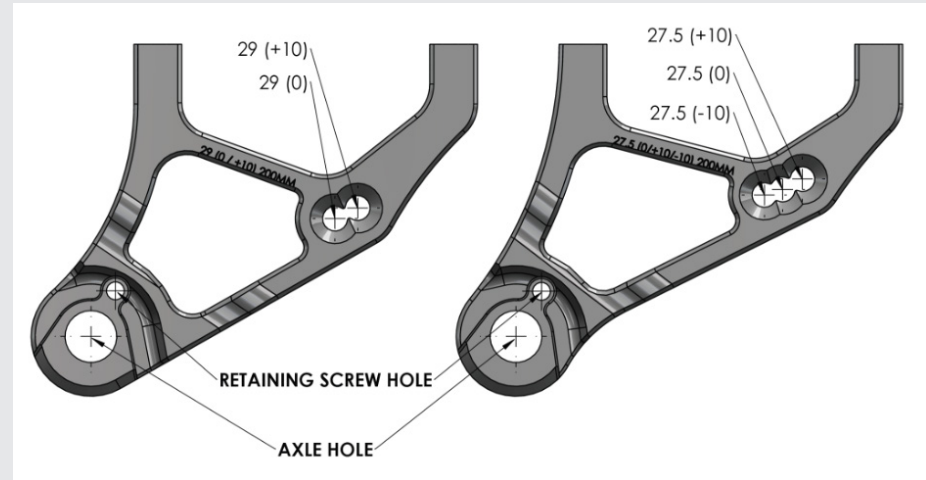
# SWAPOUT PROCEDURE



## STEP 4

Offer up the correct brake mount to the non driveside dropout [brake mounts are identifiable by their laser etchings]. The brake mount will key into the area near the axle hole on the dropout. Loosely install the M4 retaining screw to hold the brake mount in place. Slide the M6 countersunk screw through the relevant hole on the brake mount and into the horst link pivot hardware.

Using a 5mm hex, tighten the upper screw to 14Nm. Now tighten the lower M4 retaining screw 2Nm.



## STEP 5

Reinstall the derailleur or hanger being sure to follow any of the relevant setup guides for SRAM Transmission (T-Type) or hanger equipped drivetrains. Please see table for chain length details

## STEP 6

Reinstall the rear wheel and tighten the axle to 12-15Nm, then tighten axle pinch bolt on disc side to 8Nm.

**WARNING - Failure to tighten the axle or pinch bolt properly could result in serious injury.**

## STEP 7

Once you've installed the rear caliper and re-centred it to your rotor, tighten the caliper bolts to the manufacturer's torque setting and you are ready to go!

## CHAIN LENGTH GUIDE

| FRAME SIZE | DROPOUT    | CHAIN LENGTH (LINK)* |
|------------|------------|----------------------|
| S1         | 29 (0)     | 124                  |
|            | 29 (+10)   | 126                  |
|            | 27.5 (-10) | 122                  |
|            | 27.5 (0)   | 124                  |
|            | 27.5 (+10) | 126                  |
| S2         | 29 (0)     | 126                  |
|            | 29 (+10)   | 128                  |
|            | 27.5 (-10) | 124                  |
|            | 27.5 (0)   | 126                  |
|            | 27.5 (+10) | 128                  |
| S3         | 29 (0)     | 128                  |
|            | 29 (+10)   | 130                  |
|            | 27.5 (-10) | 126                  |
|            | 27.5 (0)   | 128                  |
|            | 27.5 (+10) | 130                  |
| S4         | 29 (0)     | 130                  |
|            | 29 (+10)   | 132                  |
|            | 27.5 (-10) | 128                  |
|            | 27.5 (0)   | 130                  |
|            | 27.5 (+10) | 132                  |

\* 32Tooth Chainring / Set Up Key: B, Set Up Cog: 7 / MRP Lower Guide