



DREADNOUGHT V2 //

MAXIMIZING GEAR SHIFTING - T-TYPE SET UP

T-TYPE SET UP



SRAM’s T-Type transmission requires a specified setup procedure based on chain length, derailleur configuration and lower guide location. This setup does away with the need for b-tension adjustments.

All Dreadnoughts are shipped with a custom single position MRP MXg chain guide based on the ISCG-05 bolt pattern to ensure the correct lower guide location. Ensure this installed as shown in image.



NOTE - SRAM T-Type is only compatible with frames equipped with SRAM’s Universal Derailleur Hanger (UDH) fitment.

PREPERATION

Before the transmission can be installed the chain length and derailleur must be prepared.

CHAIN LENGTH

See the table to find the recommended chain length for your frame size. These chain lengths are based on a 32 tooth chainring:

CHAIN LENGTH GUIDE

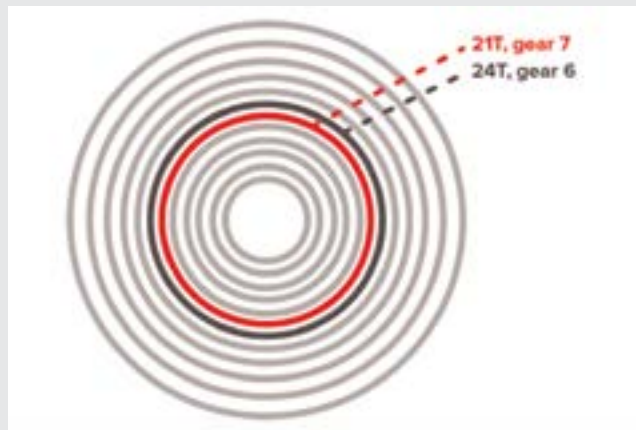
FRAME SIZE	CHAIN LENGTH* Lower Guide Required	MAX CR. SIZE
S1	124 LINKS	32T
S2	126 LINKS	32T
S3	128 LINKS	34T
S4	130 LINKS	36T

* Set Up Key : B / Set Up Cog: 7

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SET UP KEY POSITION & COG



SET KEY POSITION

1. See the table to determine the Setup Key position for your Forbidden Bike.
2. If the key requires switching around, use a small flathead screwdriver to remove the Key from the derailleur.
3. Adjust the Setup Key to the position called out for your bike.
4. Install the Setup Key into the derailleur so the notch on the key is aligned with the appropriate key line.

SET UP COG

See the table to determine the Setup Cog; 21T or 24T. The 21T cog is gear 7 and indicated on the cassette with a red circle. The 24T cog is gear 6, the next larger cog:

Press the top button on the controller to shift the derailleur into the fully outboard position. Alternatively, press and release the AXS button on the derailleur to move the derailleur outboard one position at a time until it is fully outboard.

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DERAILLEUR SET UP

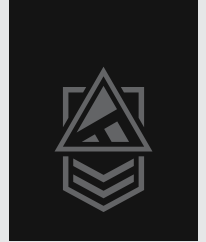
Shift the unmounted derailleur into the setup cog position:

Press the bottom button on the controller five clicks from full outboard position to shift the derailleur into position for the 21T cog, or gear 7.

Press the bottom button on the controller six clicks from full outboard position to shift the derailleur into position for the 24T cog, or gear 6.



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INSTALLING COMPONENTS

Ensure that there is no UDH in the frame and that the plastic bushing insert is in its place before installing the t-type derailleur



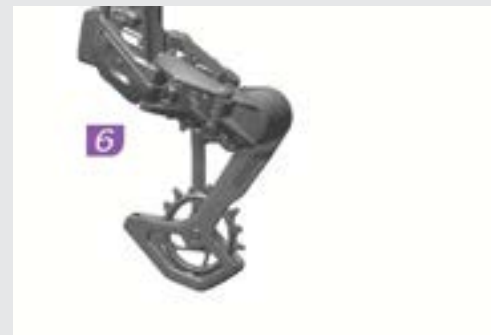
1. Rotate the knurled ring clockwise until it is touching the knurled ring stop. Make sure the ring stop is between the knurled ring horns.



3. Install the Transmission derailleur with the full mount sliding over the hangerless interface and bushing frame insert.
4. Install and tighten the mount bolt clockwise to snug. [8mm Hex Wrench]
5. Loosen the mount bolt counter-clockwise one full turn.

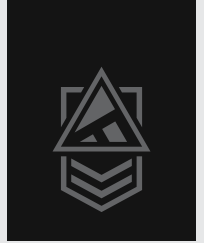


2. Apply grease to the mount bolt threads and underside of the bolt flange.



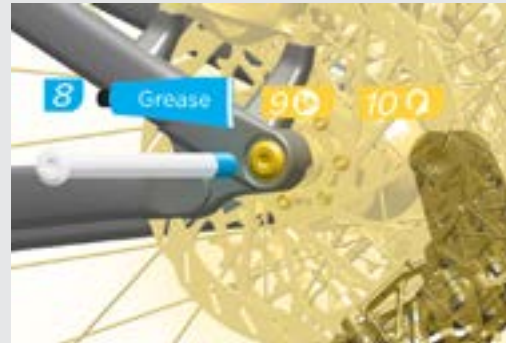
6. Rotate the derailleur cage forward until the lock icon on the cage clears the Setup Key.
7. Press the Cage Mode button to set the derailleur cage to Open Mode.

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MOUNT THE WHEEL

8. Apply grease to the thru axle threads before axle installation.
9. Install the thru axle and wheel.
10. Tighten the axle to snug.
11. Loosen the thru axle counter-clockwise one full turn.



MOUNT THE CHAIN

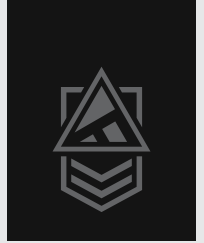
Verify the chain has been cut to the proper size, the Transmission derailleur is shifted into the Setup Cog, and the derailleur Setup Key is in the correct position.

12. Place the properly sized Eagle T-Type chain on the setup cog, 21T or 24T, and route through the derailleur pulleys with the flat edge of the chain facing away from the cassette. Make sure to route the chain below the tab in the cage.



13. Pull each end of the chain together.
14. Install the PowerLock. Press the PowerLock connector links together.

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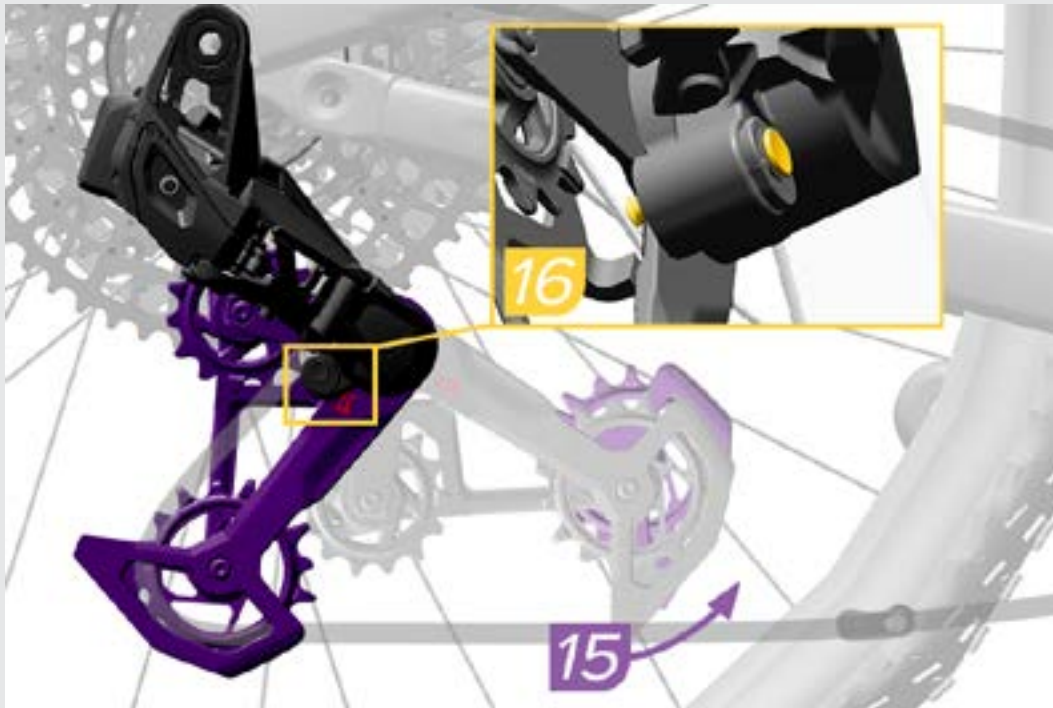


SET UP MODE

Move the cage to set up mode

15. Rotate the derailleur cage forward to release the Cage Mode button from the fully extended position.

16. Reposition the cage so the Cage Mode button locks on the derailleur cage where the two Key Lines meet in the Cage Setup Position.



Lock the PowerLock.

NOTE - PowerLock chain connectors can only be used once
Check the PowerLock by hand to make sure it moves freely.

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TIGHTEN THE COMPONENTS

Before proceeding you must verify the following were completed in the previous sections:

- The rear axle and mount bolt have been loosened one full turn.
- The derailleur is in the correct Setup Key and Setup Mode for your bike
- The chain is placed on the Setup Cog for your bike and is properly engaged on all cogs in the system.
- The PowerLock is closed.
- The bike suspension is uncompressed, at 0 percent sag, unless otherwise instructed.

1a. Pull back on the lower cage of the Transmission derailleur to remove slack from the chain.

1b. Continue to pull back while you rotate the crank forward two rotations while confirming the chain stays on the setup cog.

2. Tighten the mount bolt while continuing to pull back (1a) on the lower cage of the derailleur, then release. [8mm Hex Wrench - 35Nm]

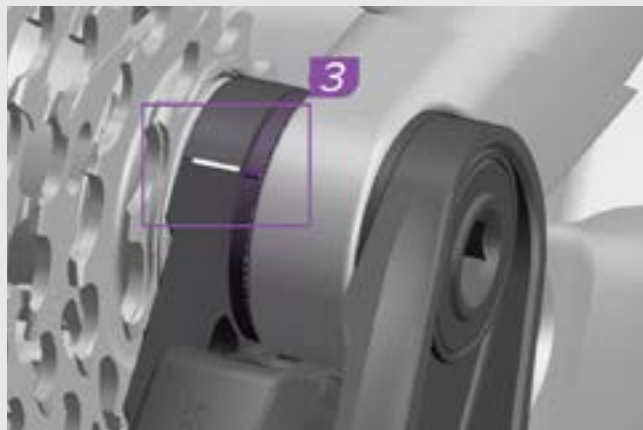


If there is still slack in the chain after tightening the mount bolt, loosen the mount bolt, then repeat steps 1 and 2.

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RIDE MODE



3. Verify the knurled ring mark is aligned with the mark on the full mount of the derailleur.

If it is not aligned, loosen the axle mount bolt one turn, rotate the knurled ring so that it is touching the knurled ring stop, then repeat steps 1-3.



4. Tighten the rear axle to torque. [12Nm]



5. Release the cage from Setup Mode to Ride Mode by rotating the cage forward and then carefully letting it return to the unlocked position.