



**MOTOTRAX**  
**SKI**  
**INSTALLATION MANUAL**

# UNBOXING THE MOTOTRAX

## **SKI BOX 1 - SKI PARTS**



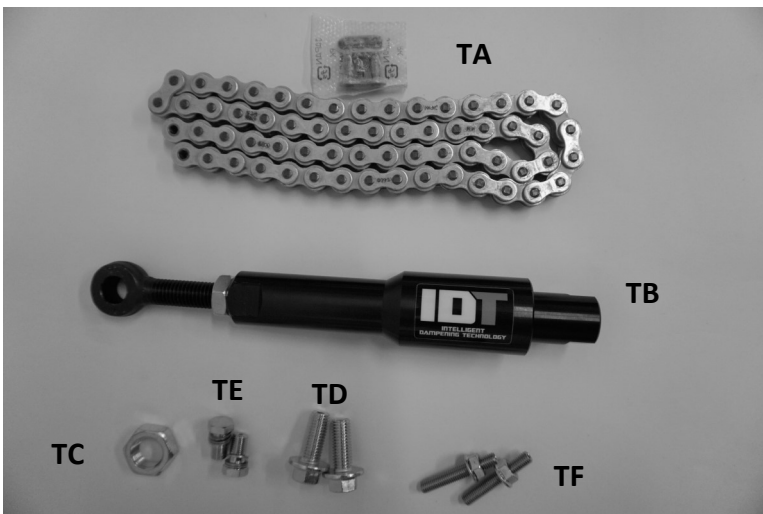
**SB** — Ski Bracket Bolts (4X)

**SC** — Ski Braces (2X)

**SD** — Axle Spacer

**SS** — Ski Stay

## **SKI BOX 2 - TRACK PARTS**



**TA** — Primary Chain And

Masterclip **TB** — IDT Strut

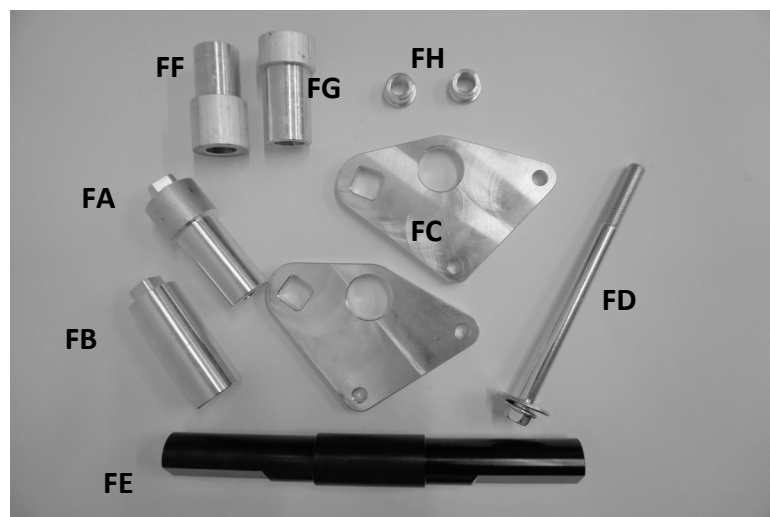
**TC** — IDT Jam Nut

**TD** — Front Link Bolts (2X)

**TE** — Banjo Bolts & Washers (2X)

**TF** — Track Stay Studs & Nuts (2X)

## **SKI BOX 3 - SKI FIT KIT**



**FA** — Stepped Fork Spacer

**FB** — Strait Fork Spacer

**FC** — Ski Brackets (2X)

**FD** — Ski Axle Bolt & Washer

**FE** — Fork Brace

**FF** — Left Swingarm Spacer

**FG** — Right Swingarm Spacer

**FH** — Strut Spacers (2X)

# **UNBOXING THE MOTOTRAX**

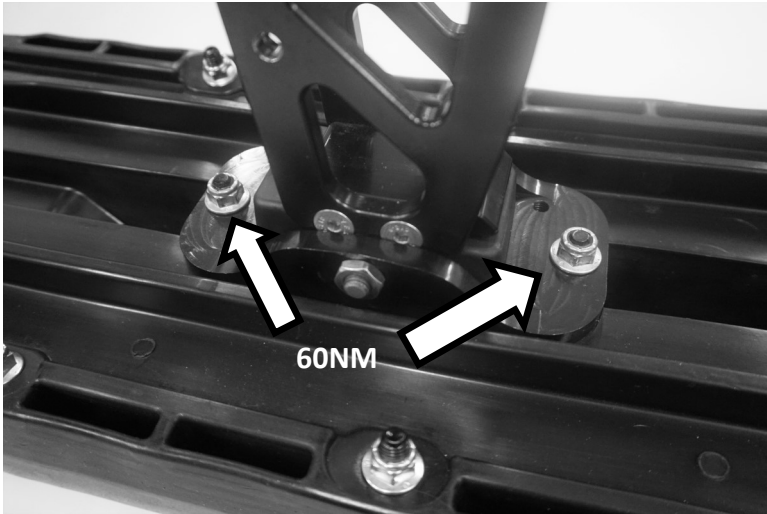
## **SKI ASSEMBLY**



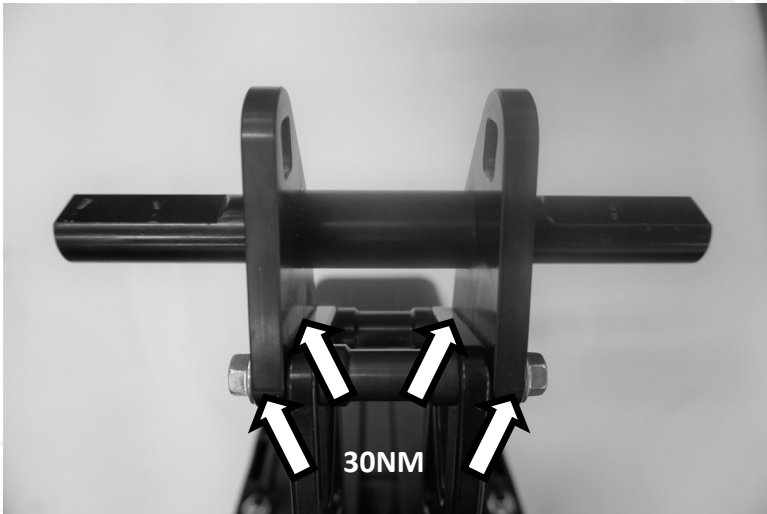
## **SKI FRAME/SPINDLE ASSEMBLY**



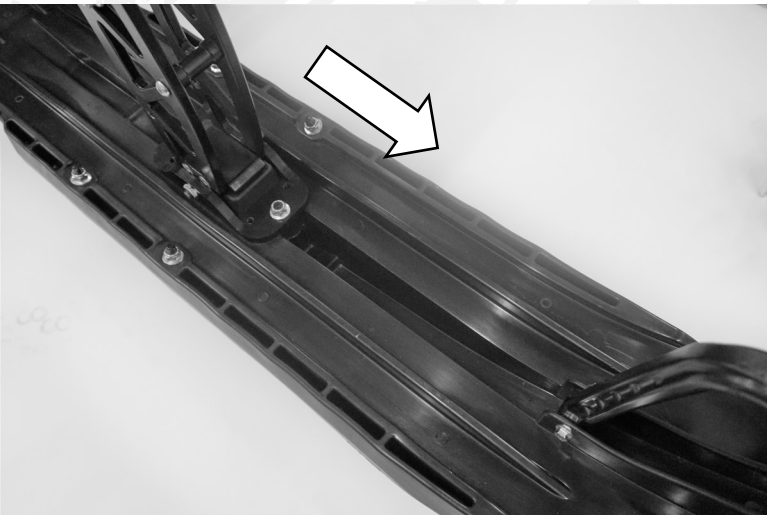
# FIRST TIME SETUP



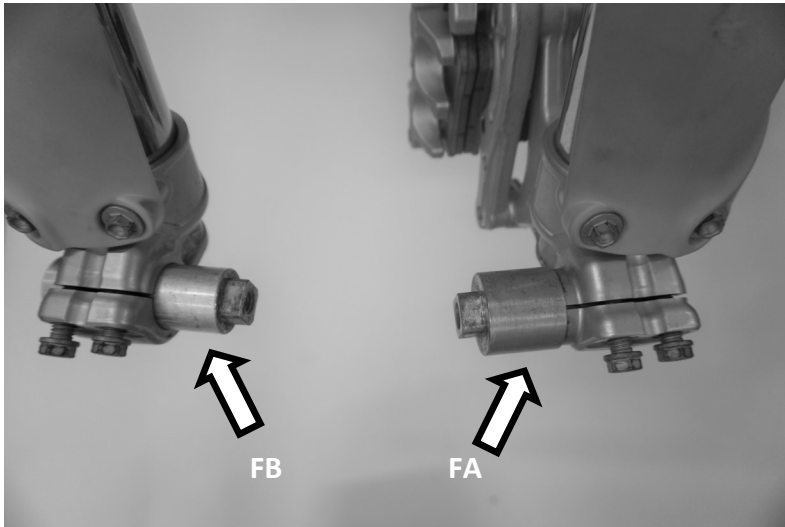
- ⇒ First install the ski frame spindle to the ski assembly as shown using nuts that are mounted to the center ski runner. Make sure the middle fork brace is pointing toward the ski loop.
- ⇒ Tighten bolts to 60NM (44FT/LBS)



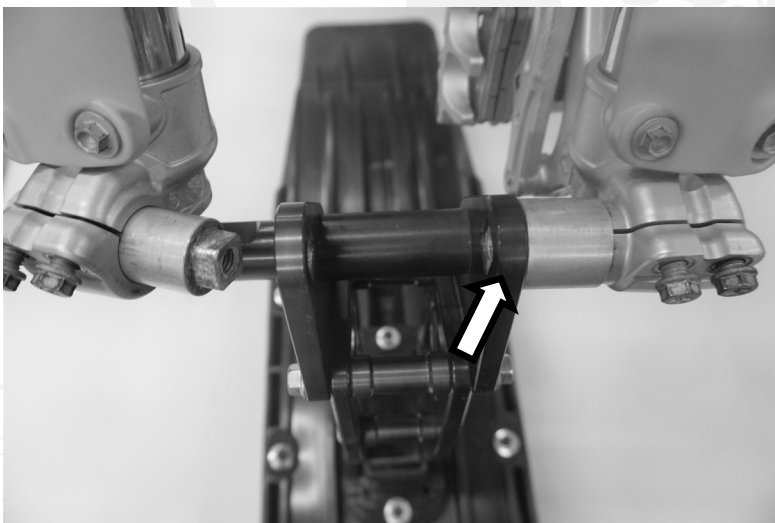
- ⇒ Next install the Fork Brace (FE) between the two fork brackets (FC) and install on the spindle as shown using bracket bolts (SB) and ski braces (SC).
- ⇒ The bracket bolts are tightened to 30NM (22FT/LBS) and use red locking compound.



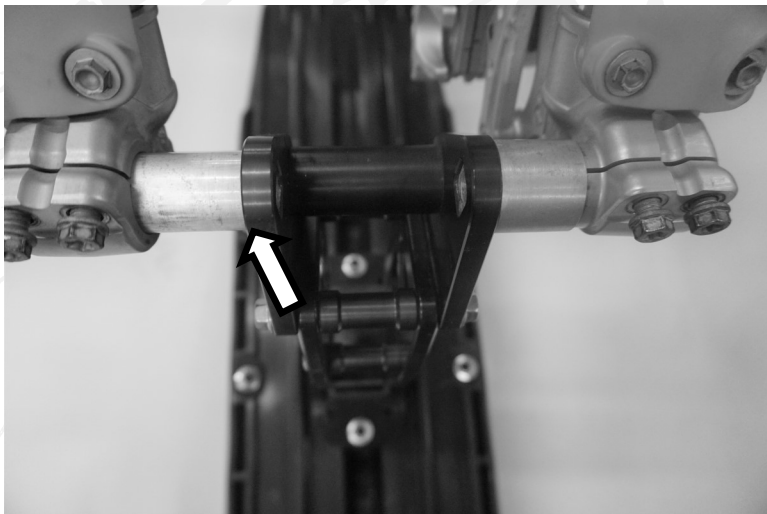
## **SKI INSTALLATION**



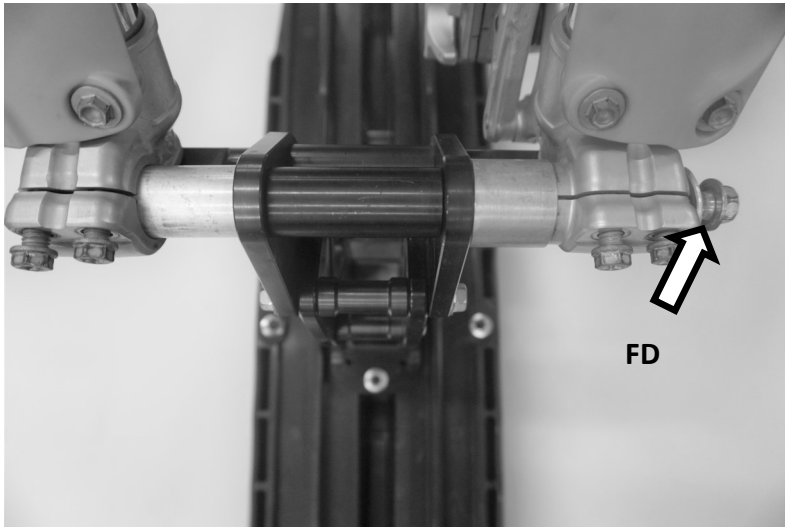
- ⇒ Put the ski spindle (FA) into the caliper side fork as shown.
- ⇒ Put the ski spindle spacer (FB) into the non-caliper side fork as shown.



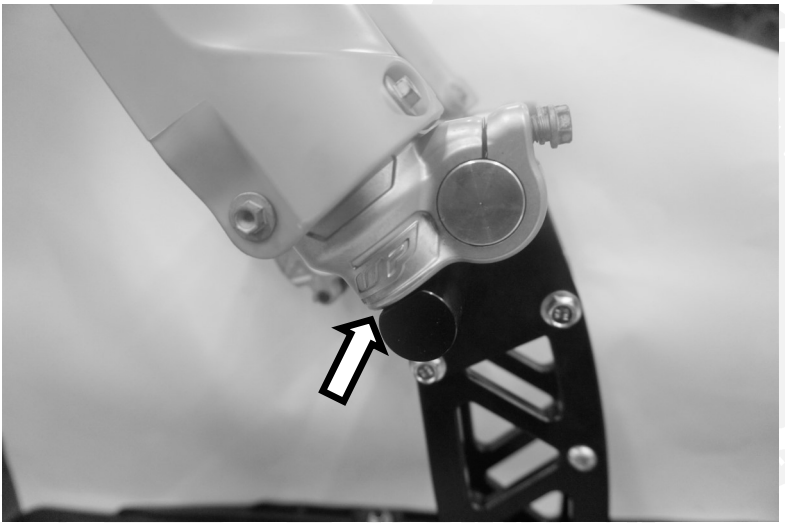
- ⇒ Now lift the ski frame assembly onto the spacer stepped spacer.
- ⇒ Note: The square shapes need to line up between the bracket and the spacer.



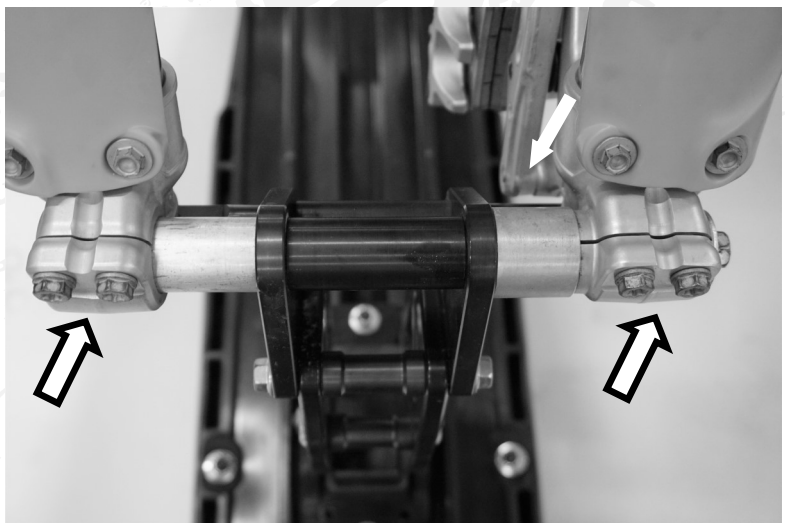
- ⇒ Now take ski spindle and mate with fork spacer as shown.
- ⇒ Note: The square shapes need to line up between the bracket and the spacer.



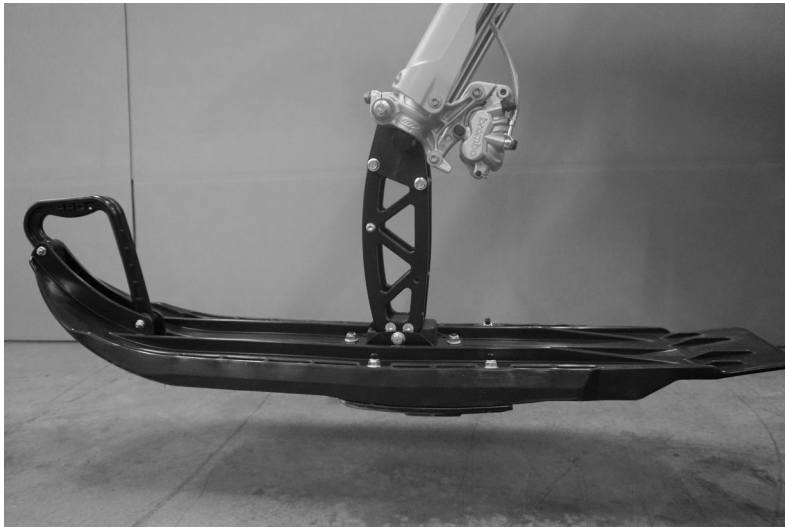
- ⇒ Take the ski axle bolt and large washer (FD) and insert from the caliper side all the way to the farthest fork bracket as shown.
- ⇒ Note: Make sure to insert axle spacer (SD) as shown while installing the axle bolt and washer.
- ⇒ Torque axle bolt to 60NM (44FT/LBS)



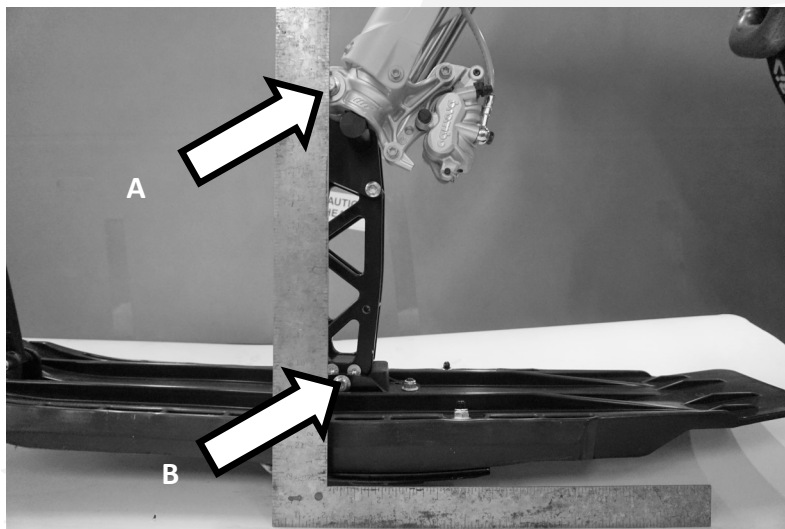
- ⇒ Confirm that the flats on the fork brace (FE) are sitting flat against the bottom of the fork tube with no space.



- ⇒ Now tighten the fork end bolts as and torque to the recommended value from the bike manufacture.



⇒ With the all bolts/fasteners fully tightened and the fork brace resting on the bottom of the fork the ski assembly should look similar to the image shown.



⇒ The distance between the upper axle bolt and lower ski bolt shown to the left is you ski trail. You need to get a square and line the center of the upper axle bolt A, then roughly measure the distance to the center of the ski bolt B. The distance should be between 0.000" and 1.000". If the measurement is outside of this range you should contact MotoTrax Inc immediately to determine the issue. Riding the product outside of this spec range will GREATLY effect performance and my cause damage or person injury.

## **SKI SYSTEM TORQUE VALUES**

Ski Loop with Locknut	M6 Hex	Torque	NM: 12.0	F/LBS: 9.0
Ski Block	M8 Allen	Torque	NM: 30.0	F/LBS: 22.0
Fork Brace	M8 Allen	Torque	NM: 30.0	F/LBS: 22.0
Fork Brackets	M8 Hex	Torque	NM: 30.0	F/LBS: 22.0
Ski Runner	M10 Hex	Torque	NM: 60.0	F/LBS: 44.0
Ski Frame Mount Axle	M10 Hex	Torque	NM: 60.0	F/LBS: 44.0
Ski Axle	M10 Hex	Tighten so that there is some play for the ski to Pivot.		



Ski Stay Assembly



TM