

# TIMBERSLED® SX TSS KIT



P/N 2883464

## APPLICATION

Verify accessory fitment at [Timbersled.com](http://Timbersled.com).

## ASSEMBLY TIME

Approximately 60 minutes

## BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

## TOOLS REQUIRED

- Safety Glasses
- Tape Measure
- Wrench Set, SAE
- Wrench Set, Metric
- Smooth Jawed Channel Locks
- Vice, Bench

## CONSUMABLES REQUIRED

- LOCTITE® Threadlocker Blue 243® (or equivalent)

## IMPORTANT

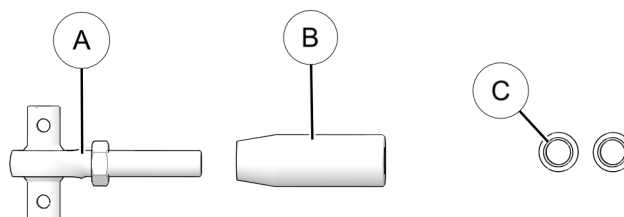
Your Timbersled® SX TSS Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

## KIT CONTENTS

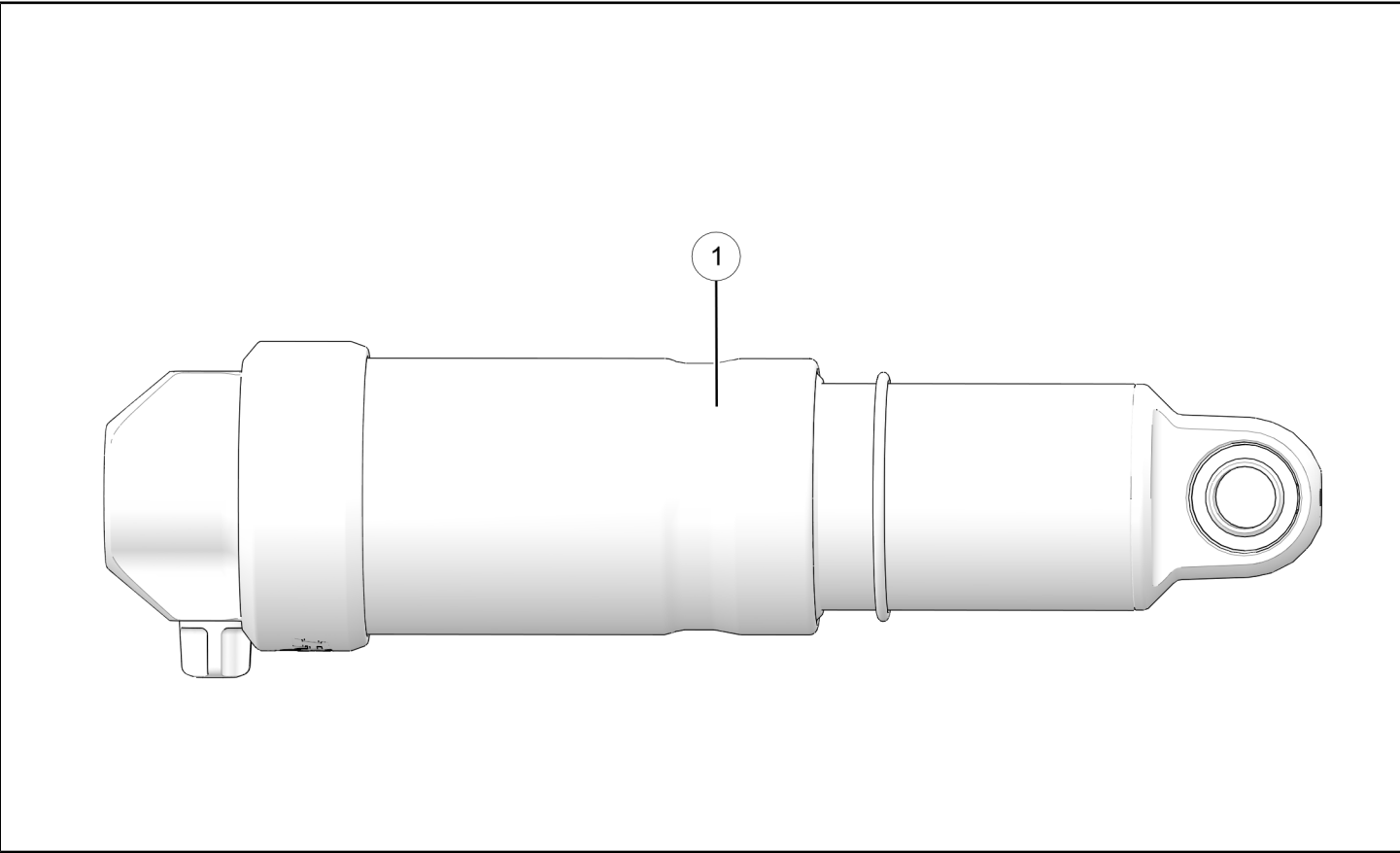
Full installation of this kit may also require the following additional parts You will need the following items to complete the instructions: trunnion ball (A), strut rod shaft (B) and upper strut rod spacers (C).

### NOTE

If you do not have an existing TSS shock or install kit with a shaft and Trunnion Ball to swap over to your new SX TSS, you will need to order an ARO Suspension Strut Pack and the Strut Rod Reducer pack. See step 1 for ordering instructions.



This Kit includes:



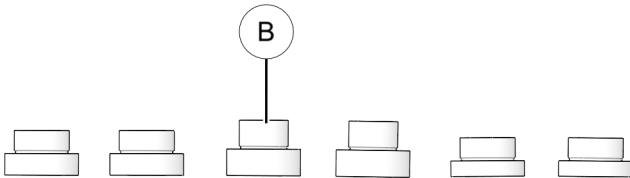
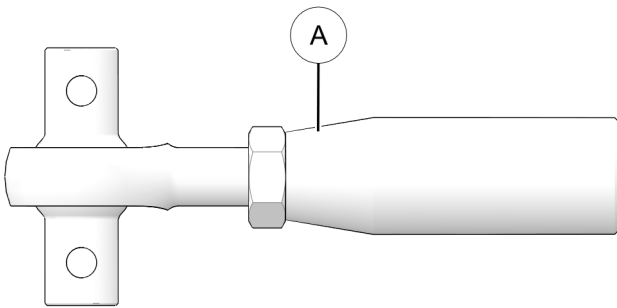
REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Shock–TSS SX ARO	N/A
2	1	Pump–Fox Float. 300 PSI. W/Bleed (not shown)	2882719
3	1	Decal–TSS Shock (not shown)	N/A
	1	Instructions	9929899

## INSTALLATION INSTRUCTIONS

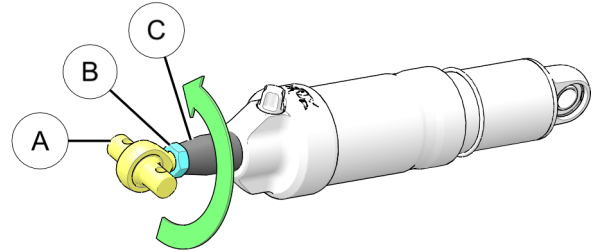
### CAUTION

**BEFORE STARTING INSTALLATION**, always ensure vehicle is on a flat stable surface and is properly secured to avoid accidental tipping or other movement to prevent personal injury and/or damage to equipment. If applicable, turn key to "OFF" position and remove from vehicle.

1. Complete the following steps to purchase the Timbersled ARO™ Suspension Strut Pack ① and Strut Rod Reducer pack ②.
  - a. Go to [Timbersled.com](https://www.timbersled.com).
  - b. Enter your bike's make, year, and model
  - c. Look for the Timbersled ARO™ Suspension Strut Pack ① and the Strut Rod Reducer pack ②. You will need both of these to install your SX TSS kit on your bike. Otherwise, your dealer can also look up the parts for you, or using the item numbers you looked up, have them ordered.



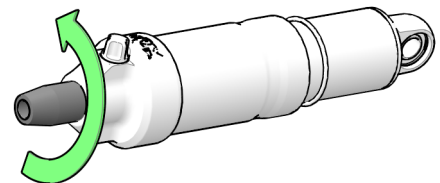
2. With a 3/4 in. (19 mm) open-end wrench, loosen the jam nut ② on the trunnion Ball ①, then remove it from the shaft ③.



3. With a pair of smooth jawed channel locks, grab the shaft just above the threads and brake it loose. You may need to apply some heat to the shaft to get it loose.

### CAUTION

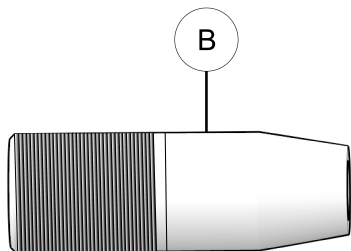
Do not overheat the lower shock body. Excessive heat can cause damage to shock seals and intervals.



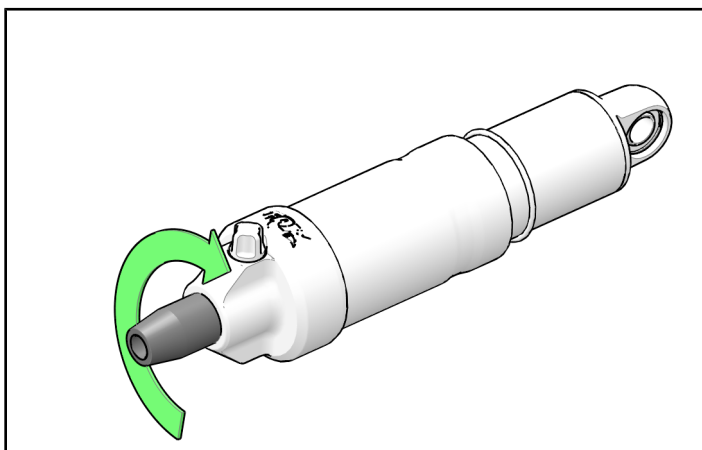
4. Clamp your SX TSS in a vise.



5. Apply a small amount of LOCTITE® Threadlocker Blue 243® (or equivalent) to the shaft ⑥ threads.



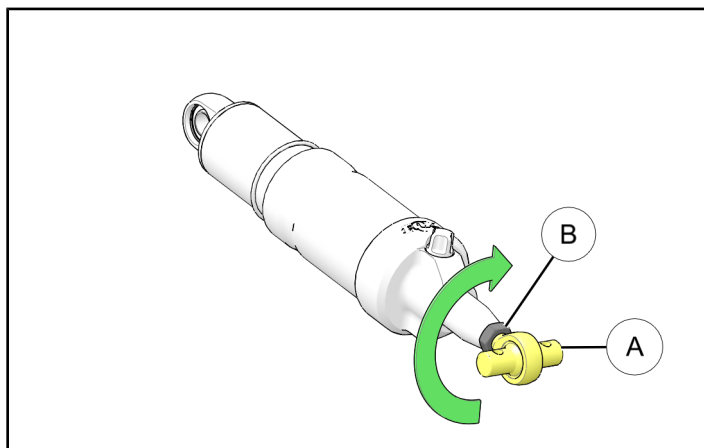
6. Screw the shaft in until you feel it bottom out against the shock body.



7. Screw in the trunnion ball ① and thread the jam nut ② up against the shaft.. Torque to specification provided to seat shaft.

#### TORQUE

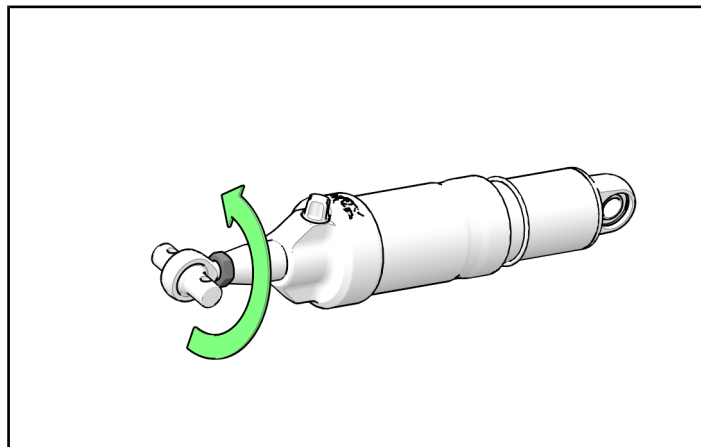
Jam Nut:  
**14.75 ft-lbs ft-lbs (20 Nm N·m)**



8. Loosen the jam nut back up so you can set your strut rod length.

#### NOTE

It is recommended to secure the trunnion ball in a vice before loosening the jam nut to prevent the shaft from turning and loosening back up.



9. Gently clamp the body of the shock in a vise.

#### CAUTION

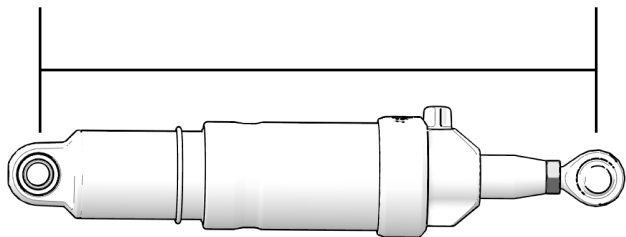
Do not over tighten the clamp. Over tightening can cause damage to the shock body.



10. Lay a tape measure across the shock to set its length for your specific bike.



11. The strut rod length for your specific bike is a center to center measurement.



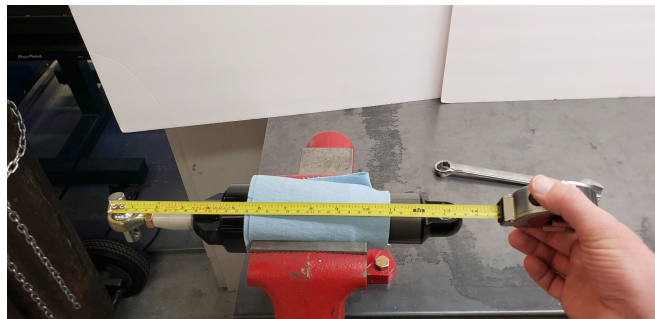
12. Visit **Timbersled.com** to determine the recommended length for your specific bike.

13. After determining the correct length, turn the trunnion ball in or out to adjust the length until you get the correct measurement for your bike. Once found, torque the jam nut to specification. .

#### TORQUE

Jam Nut:

**14.75 ft-lbs ft-lbs (20 Nm N·m)**



14. For installation/re-installation of the TSS shock onto a snowbike, use TSS installation instructions.
15. Check to make sure all tools are accounted for and all necessary steps have been completed.

## FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

