JETT

ASSEMBLY GUIDE

ENGLISH

SPECIALIZED BICYCLE COMPONENTS
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0000168961_UM_R2, 08/21

We may occasionally issue updates and addendums to this document. Please periodically check www.specialized.com or contact Rider Care to make sure you have the latest information.
Info: specialized.com / 877-808-8154

1. INTRODUCTION

This assembly/setup guide is specific to your Specialized Jett bicycle. It contains important information about assembly and safety, which you should read before the rider's first ride and keep for reference. You should also read the entire Specialized Bicycle Owner's Manual ("Owner's Manual") because it has additional important general information and instructions which you should follow. If you do not have a copy of the Owner's Manual, you can download it at no cost at www.specialized.com, or obtain it from your nearest Authorized Specialized Retailer or Specialized Rider Care.

Assembly of this bicycle requires experience in the use of basic tools as well as general knowledge regarding bike maintenance. If you do not have such experience, it should be assembled by an Authorized Specialized Retailer.

When reading this user manual, you will note various important symbols and warnings, which are explained below:

WARNING! The combination of this symbol and word indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death. Many of the Warnings say "you may lose control and fall." Because any fall can result in serious injury or even death, we do not always repeat the warning of possible injury or death.

This symbol alerts the reader to information which is particularly important.

An informative and important video explaining how to properly assemble the Jett is available. It also demonstrates how to do a safety check once assembled. This assembly/setup guide is intended to be used together with the video. Visit www.specialized.com/setupmyjett or scan the QR code with your smartphone camera.

SET UP MY JETT

specialized.com /setupmyjett

1.1 INTENDED USE

The Jett bicycle is intended and tested for use by children only (Condition 6).

	CONDITION 6	Bicycles designed to be ridden by children. Parental supervision is required at all times. Avoid areas involving automobiles, and obstacles or hazards including inclines, curbs, stairs, sewer grates or areas near drop-offs or pools.

1.2 WARRANTY

Please refer to the written warranty provisions provided with your bicycle, or visit www.specialized.com. A copy is also available at your Authorized Specialized Retailer.

1.3 STRUCTURAL WEIGHT LIMITS

MODEL	MAX CARGO (lb / kg)	MAX STRUCTURAL INCL CARGO (lb / kg)
16/20	30/14	100 / 45
24	30/14	220/ 100

STRUCTURAL WEIGHT LIMIT: The maximum total weight (rider and cargo) a bicycle is designed and tested to support structurally.

CARGO WEIGHT LIMIT: The maximum cargo weight a bicycle has been designed and tested to support structurally.

For more information on the intended use and structural weight limits for the frame and components, please refer to the Owner's Manual.

2. WHAT IS IN THE BOX

#	DESCRIPTION	TORQUE		
		TOOL SIZE	Nm	in-lbf
1	FRAME			
2	FORK			
3	SEATPOST/SADDLE			
4	HANDLEBAR			
5	SEAT COLLAR	5 mm hex	7	62
6	STEM	4 mm hex	5	45
7	FRONT/REAR WHEEL	15 mm wrench	3/8 turn	
8	PEDALS	15 mm wrench	1/16 turn	
9	REFLECTORS	Phillips screwdriver (not provided)		
10	TORQUE WRENCH			
11	HEX BITS	4, 5, 6* mm hex bits		
12	FLAT WRENCH	15 mm wrench		
13	MANUALS			

*Included with certain models.

3. ASSEMBLE THE BICYCLE

UNPACK THE BOX

WARNING! CHOKING HAZARD - packaging may contain small parts. Not for children under 3 years old. The Jett bicycle must be assembled by an adult. Follow the steps below and perform a safety check before riding.

3.1

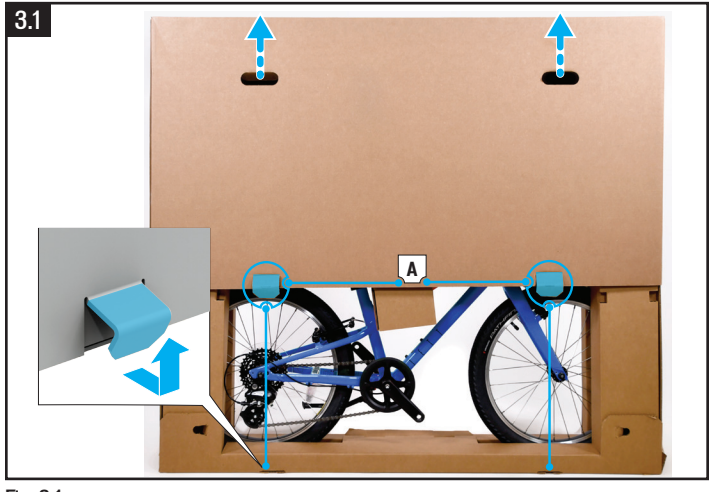

Fig. 3.1

- Remove any security tape, then pull out each of the four tabs (A).
- Lift the top of the box up and off the base packaging.

The Jett 16 box opens at the top. Remove any security tape, then pull out the tabs and open the top of the box. Lift the bike and its internal packaging out of the box and continue with the assembly steps.

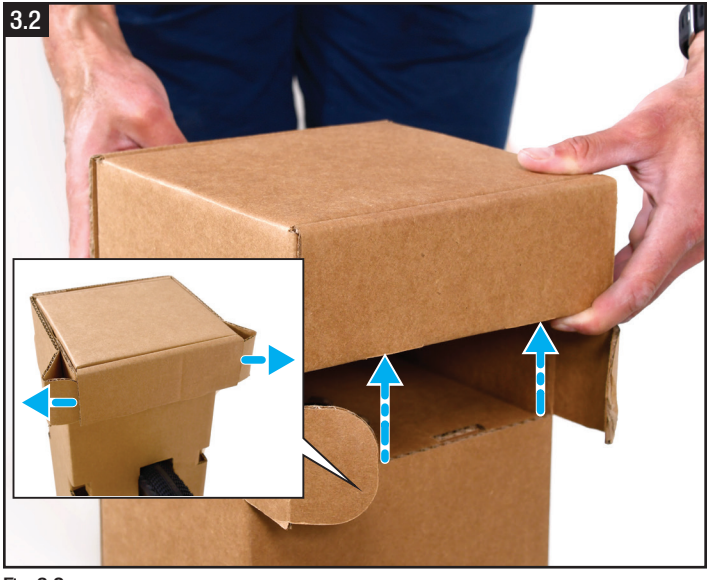

Fig. 3.2

- In the rear packaging tower, pull out the tabs holding the small parts box in place, then remove the small parts box.
- Open the small parts box and remove the manuals, pedals, reflectors, and all the tools required for assembly.

Fig. 3.3

- Lift and remove the packaging brace.

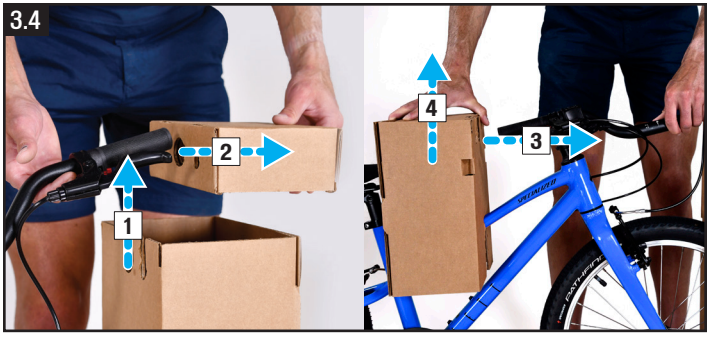

Fig. 3.4

- In the front packaging tower, lift both the handlebar and interior packaging (1), then slide the packaging off of the handlebar (2).
- Pull the handle bar forward and out of the center packaging tower (3), then lift the center packaging tower off of the bicycle (4).

Fig. 3.5

- Pull out the tabs on the bottom of the front packaging tower (three total, one on each side).
- Lift and remove the front packaging tower.

Fig. 3.6

- While holding the rear packaging tower, roll the bicycle forward out of the base packaging.
- Flip the kickstand down to hold the bicycle upright for assembly.

Do not remove Jett 16 models from the rear tower and base packaging until the rest of the assembly steps are completed. The Jett 16 does not come with a kickstand. The packaging will hold the bicycle upright during assembly.

RECYCLE: Please recycle all of the packaging.

USING THE TORQUE WRENCH & FLAT WRENCH

Your Jett bicycle is supplied with a custom torque wrench and flat wrench which should be used to tighten the bolts where indicated. It is important to properly use a torque wrench during assembly to make sure all bolts are tightened to specification. Keep both wrenches for future adjustments and maintenance.

WARNING! Correct tightening force on fasteners (nuts, bolts, screws) on your bicycle is important for your safety. If too little force is applied, the fastener may not hold securely. If too much force is applied, the fastener can strip threads, stretch, deform, or break.

An incorrect tightening force can result in component failure, which can cause you to lose control and fall. Where indicated, ensure each bolt is torqued to specification. After your first ride, and consistently thereafter, recheck the tightness of each bolt to ensure secure attachment of the components.

Following are instructions on how to use the provided torque wrench and flat wrench. If after reading the instructions you are still unsure of how to use the torque wrench or flat wrench, please contact your Authorized Specialized Retailer for assistance.

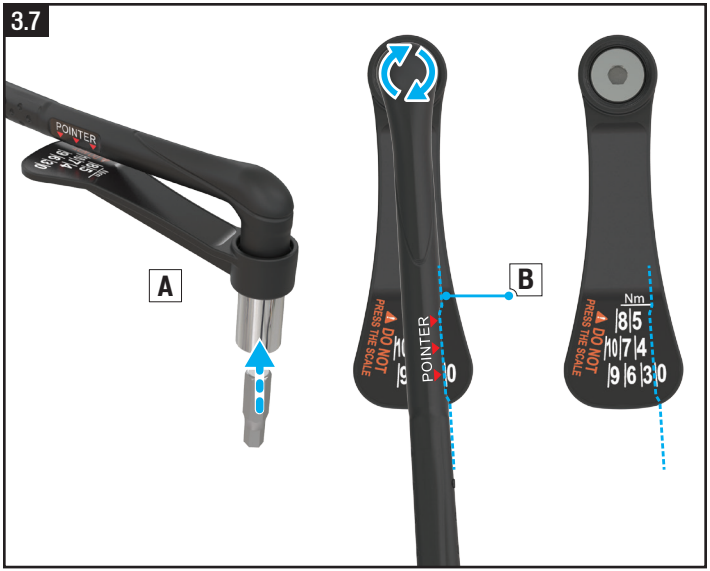

Fig. 3.7

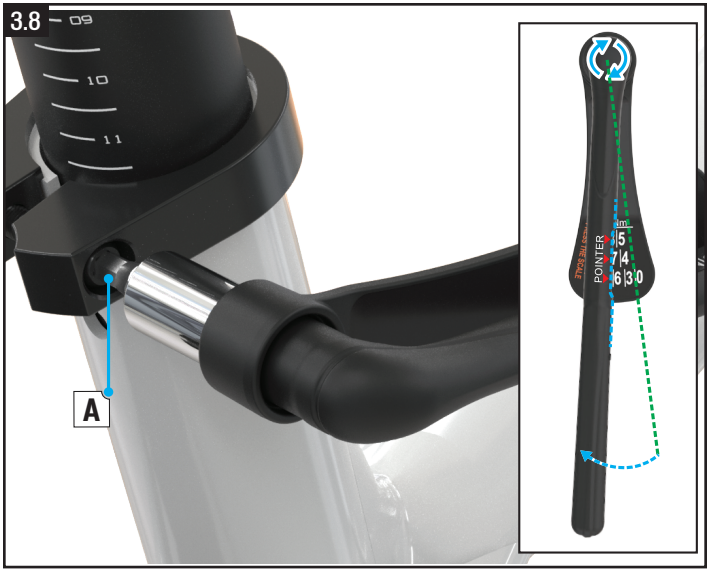

Fig. 3.8

HOW TO USE THE TORQUE WRENCH

Two different hex bits are provided with the torque wrench for single-speed Jett models: 4 mm and 5mm. If you have a multi-speed Jett model, the torque wrench is also provided with a 6 mm hex bit to adjust the crank length.

- Determine which hex bit is needed and insert it into the socket of the torque wrench (A).
- When there is no tension on the torque wrench lever arm, the right-side edge of the arm is aligned with the small white line to the left of the “0” (B).
- Insert the torque wrench into the bolt head (A) and turn the lever arm clockwise until you feel resistance and the lever arm starts to flex.
- Once the lever arm starts to flex, apply the correct torque to the bolt by turning the lever until the torque pointer is aligned with the applicable numbered line on the torque gauge, then stop and remove the troque wrench from the bolt (e.g. if the specification is 6 Nm, turn until the torque pointer is aligned with the line to the left of "6"). Torque settings are listed for each individual bolt and nut in Section 2.

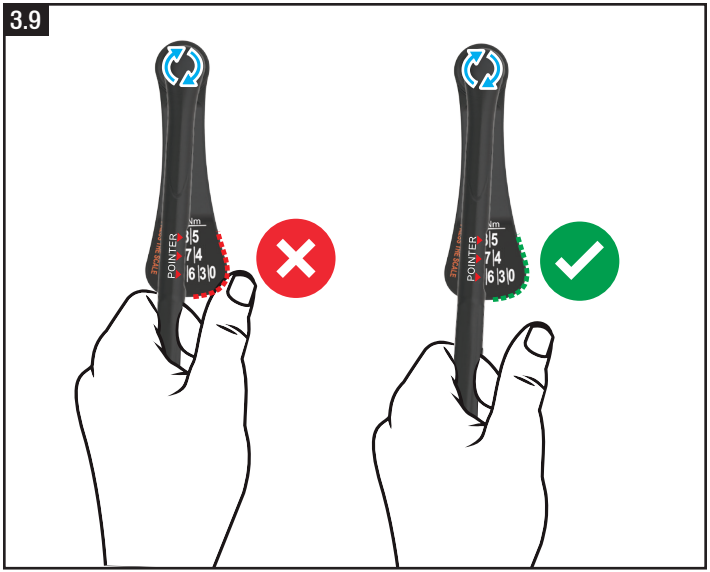

Fig. 3.9

- Do not touch the wrench gauge faceplate with your fingers when torqueing as this could give you a false reading.

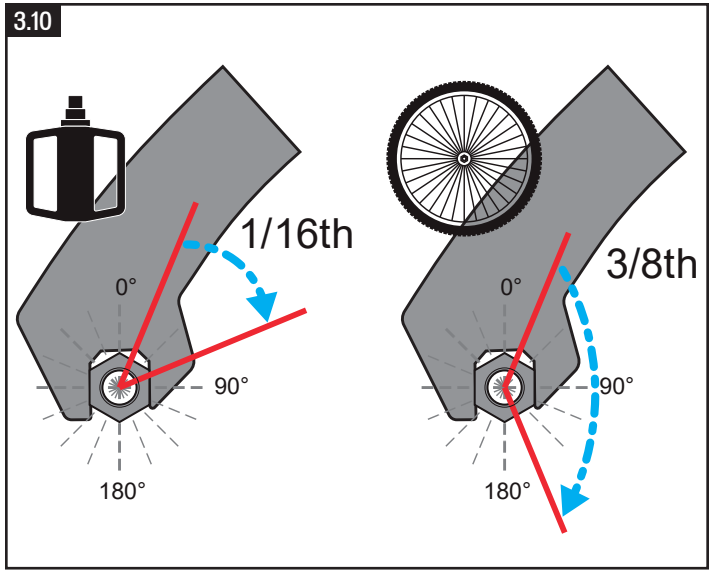

Fig. 3.10

HOW TO USE THE FLAT WRENCH

When using the provided flat wrench, as indicated, use the following general guidelines to achieve proper torque:

- To properly tighten a bolt without a torque wrench, each bolt or nut must be turned a specific amount to get it to its ideal torque range. The amount of rotation is listed for each individual bolt and nut (Section 2).
- When using the flat wrench, start at a position where the bolts or nuts are loose and can spin freely, then start turning the bolt or nut clockwise until some tension is felt.
- Once tension is felt, tighten the bolt or nut the specified amount of rotation.

INSTALLING THE HANDLEBAR

The stem comes pre-installed and aligned on the bicycle. The handlebar assembly needs to be installed on the stem.

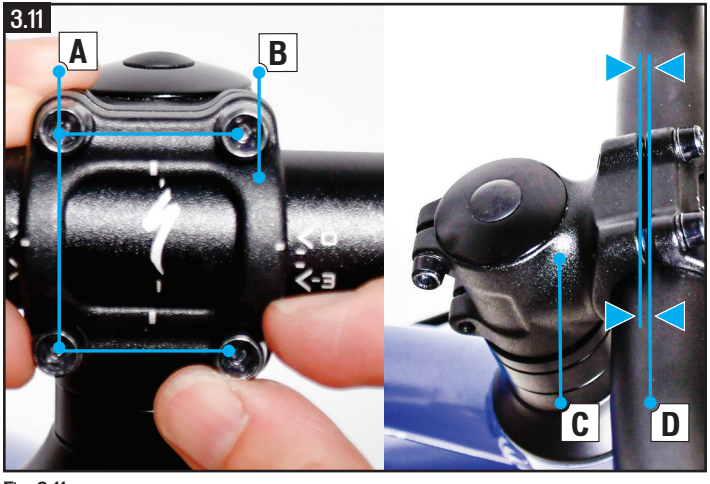

Fig. 3.11

- Loosen the faceplate bolts (A) to remove the faceplate (B) from the stem (C).
- Place the handlebar against the stem.
- Thread each bolt through the faceplate and into the stem body until they are equally finger-tightened and the upper and lower gaps between the stem body and faceplate are equal (D).

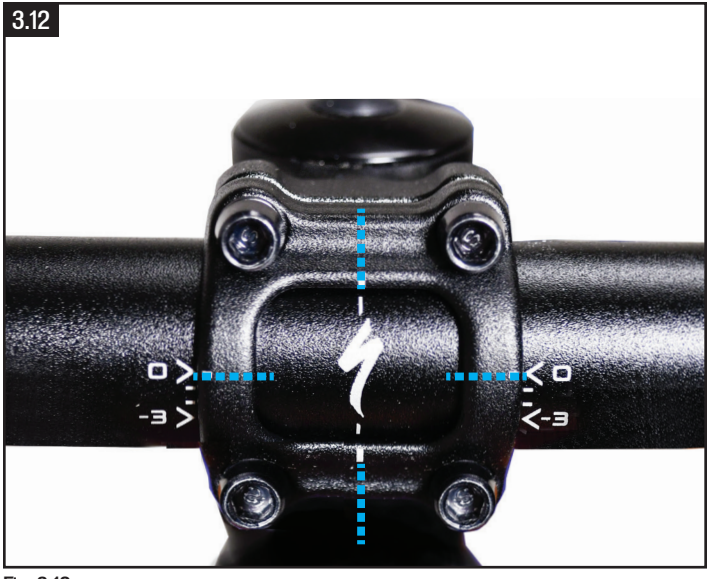

Fig. 3.12

- Make sure the handlebar is centered with the stem by vertically and horizontally centering the handlebar logo in the stem faceplate.

Visit specialized.com/setupmyjett to determine the number position the handlebar should be set to for the rider.

Fig. 3.13

- In an alternating (cross) pattern, using the supplied torque wrench and 4mm hex bit, tighten each faceplate bolt approximately 1/2 turn, then repeat the cross pattern to torque each bolt to 5 Nm / 45 in-lbf.

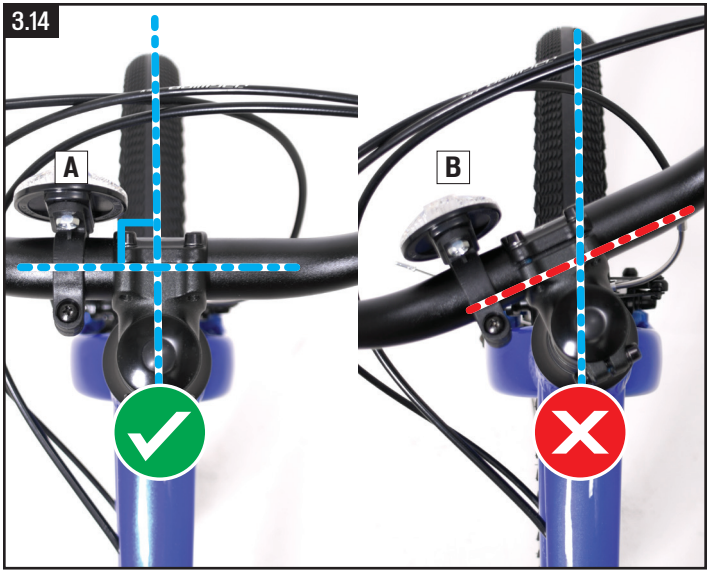

Fig. 3.14

- Once assembly is complete, double-check to make sure the stem and handlebar are aligned with the front wheel. Fig. 3.14 A shows a properly aligned handlebar/stem. Fig. 3.14 B shows an improperly aligned handlebar/stem.

Fig. 3.15

- The stem comes pre-installed and aligned. Should you need to adjust the stem, use the supplied wrench to loosen the bolts on the rear of the stem and adjust the stem and handlebar's angle to be in line with the front wheel.
- Once aligned, retorque the rear stem bolts using the supplied torque wrench and 4 mm hex bit to 5 Nm / 45 in-lbf.

ADJUSTING THE SEATPOST HEIGHT

Fig. 3.16

- Using the 5 mm hex bit, loosen the seat collar bolt.
- Set the saddle height at a position that you feel approximates the correct height for the rider, then tighten the seat collar bolt.

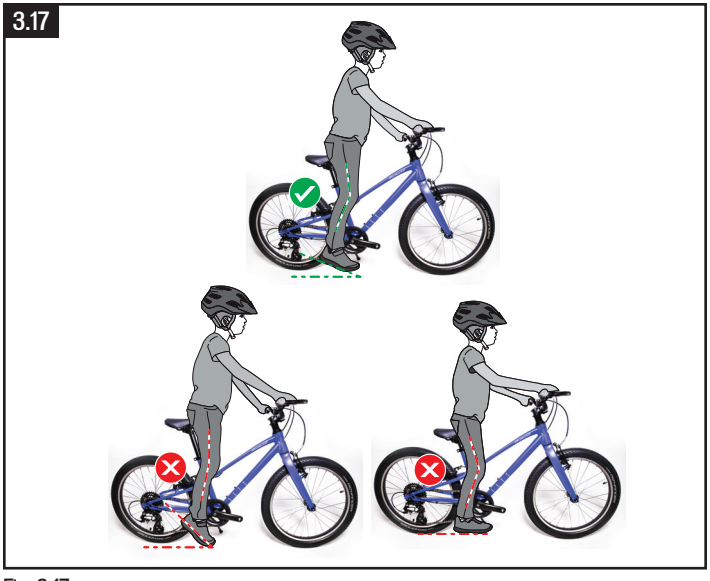

Fig. 3.17

- Check the height of the saddle by having the rider sit on it.
- The ideal saddle position is for the rider to be able to touch the ground with the ball of the foot while bending the knee slightly.

More pronounced knee bend or moderate space under the heels, while acceptable, can result in less control of the bicycle. Experiment with the saddle height until you find the position that works best for the rider. For more fit recommendations, visit specialized.com/setupmyjett.

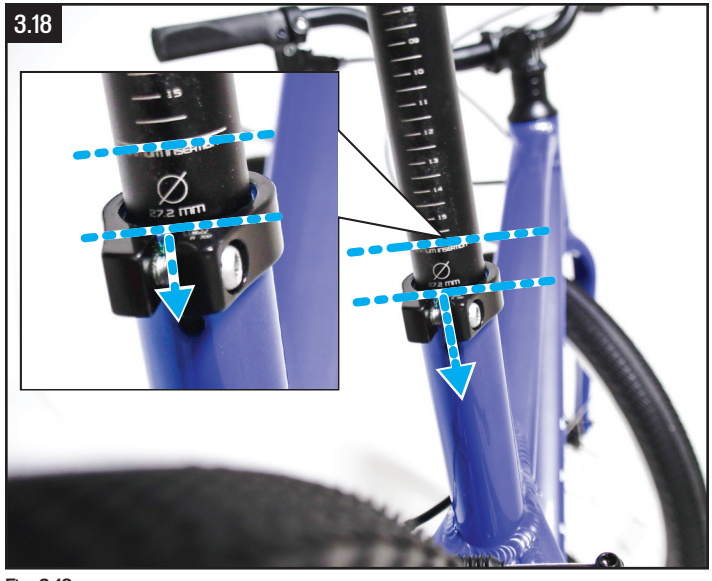

Fig. 3.18

WARNING! When adjusting the saddle height, the seatpost must be inserted deep enough into the frame so the minimum insertion line is not visible. Failure to follow the seatpost insertion requirement may result in damage to the frame and/or seatpost, which could cause the rider to lose control and fall.

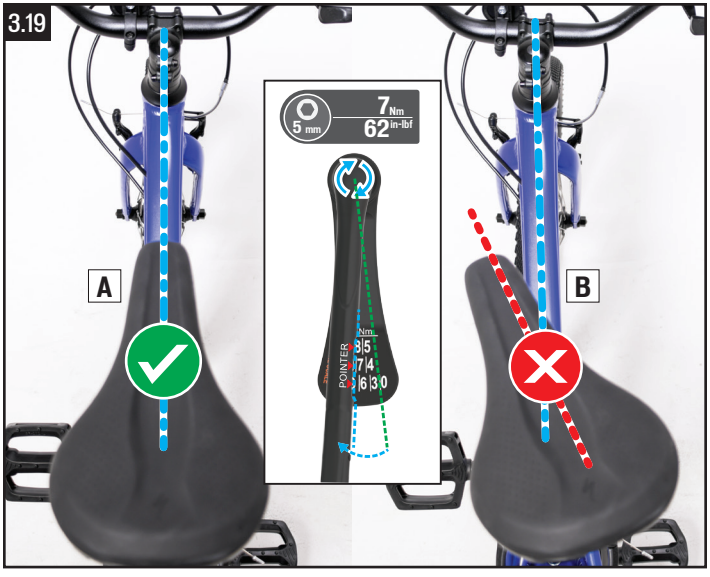

Fig. 3.19

- Once the preferred height is determined, align the saddle with the centerline of the bicycle, as shown in **Fig. 3.19 A** (**Fig. 3.19 B** shows an improperly aligned saddle).
- Using the supplied torque wrench and 5 mm hex bit, torque the seat collar bolt to 7 Nm / 62 in-lbf).

INSTALLING THE PEDALS

Fig. 3.20

- Remove the pedals from their packaging and locate the “L” on the left pedal and the “R” on the right pedal.
- Remove the plastic insert protecting the pedal threads.
- The left and right pedals have opposite threads. When tightening, both pedals will rotate over the top and toward the front of the bicycle.

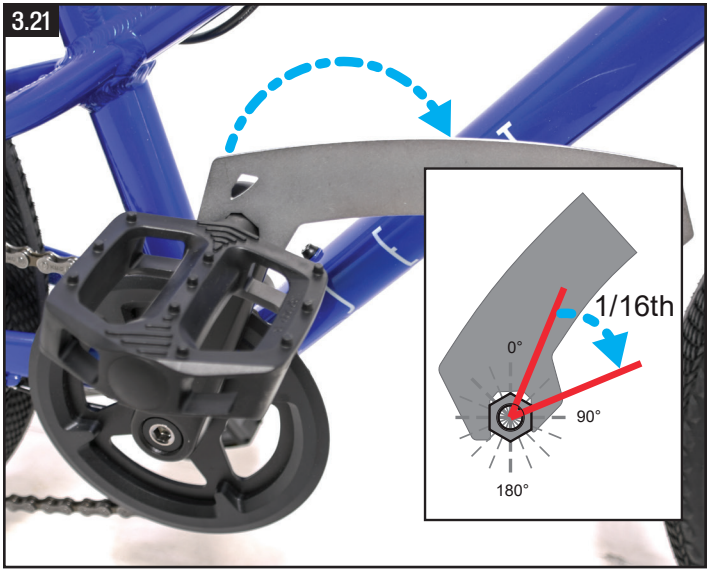

Fig. 3.21

- Insert the right pedal into the right crank arm and use the 15 mm flat wrench to secure the pedal in place (clockwise rotation).
- Tighten the pedals 1/16 turn (**Fig. 3.21**.)
- Repeat these steps for the left pedal on the left crank arm (counter-clockwise rotation).

ADJUSTING THE BRAKE LEVERS

The Jett has brake levers which can be adjusted for reach if the rider has small hands or finds it difficult to squeeze the brake levers.

WARNING: Correctly adjusted brakes are critical for your safety. Brake adjustments can be difficult to do correctly due to the multi-adjustment nature of the brakes. If you are unfamiliar with adjusting rim brakes, they should be set up and/or adjusted by your local Authorized Specialized Retailer.

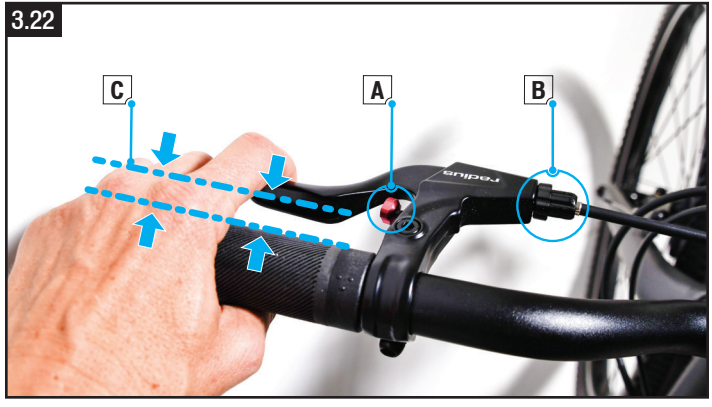

Fig. 3.22

- The hand brake is preadjusted at the factory. If needed, the brake-lever-reach can be adjusted by turning the thumbwheels at the front of the brake lever (A, B).
- When adjusting reach, be sure that the lever is not able to touch the grip when the brake is applied (C).
- Your Authorized Specialized Retailer should perform any necessary additional adjustments.

INSTALLING THE REFLECTORS

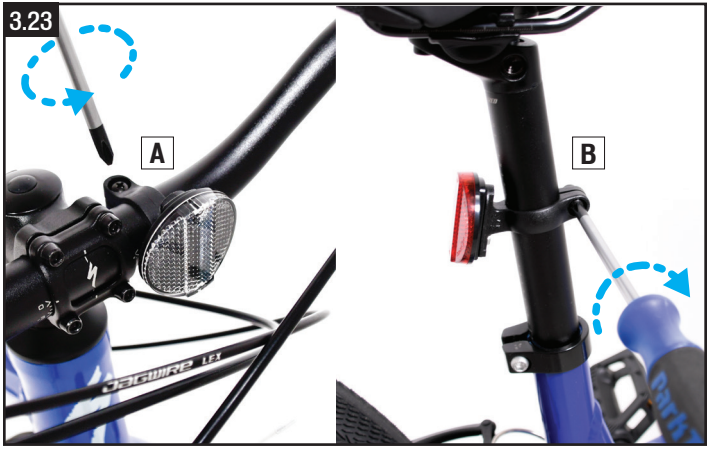

Fig. 3.23

- Using a Philips screwdriver, install the front (white) reflector on the handlebar (**Fig. 3.23 A**) and the rear (red) reflector on the seatpost (**Fig. 3.23 B**).

ADJUSTING THE CRANKS

Both the Jett 20 and 24 multi-speed models have adjustable cranks. The bicycle is assembled with the pedals in the shorter position on the crank arm and can be adjusted to be made longer.

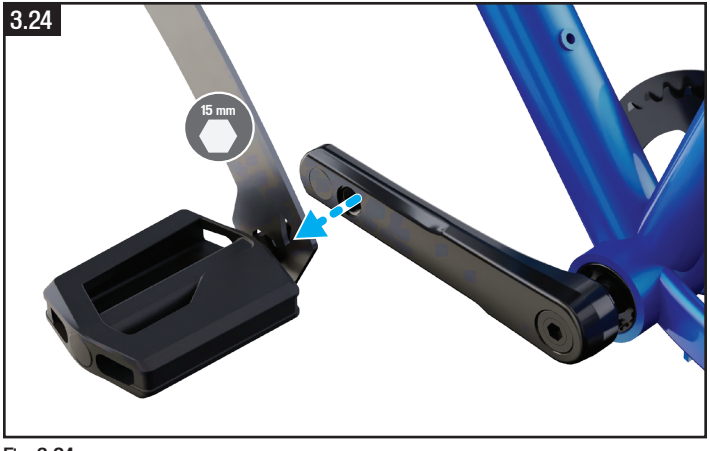

Fig. 3.24

- Using the flat wrench, remove the pedal from the crank.

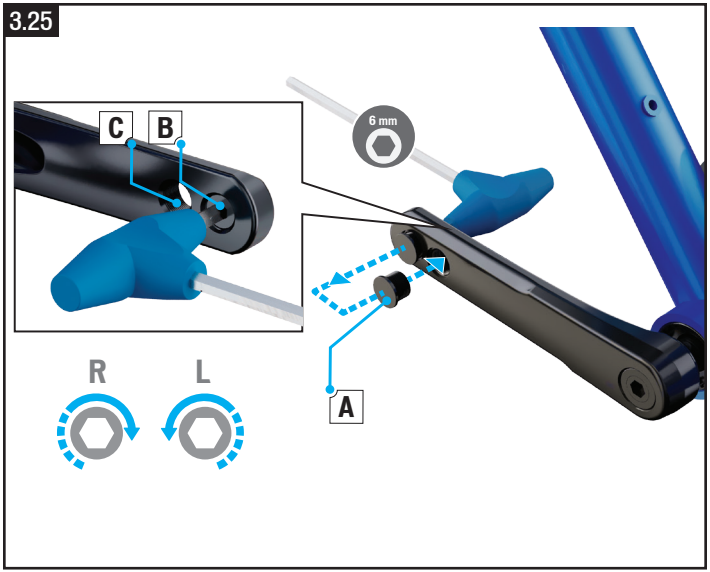

Fig. 3.25

- Using the 6 mm hex key, remove the crank arm plug (A) from the lower position (B) on the crank.
- Replace the crank arm plug in the upper position (C) on the crank and hand tighten using a 6 mm hex key (10 Nm / 88.5 in-lbf).
- Reassemble the pedals (as in **Fig. 3.21**).

REMOVING & REINSTALLING THE WHEELS

Your Jett bicycle is fitted with a front and rear bolt-on axle which attaches the wheels to the bicycle. The following steps will guide you through the removal and installation of the wheels for maintenance or repairs on both multi-speed and single-speed models.

WARNING! A correctly installed wheel is critical for the rider's safety. If you are unfamiliar with removing (or installing) wheels, contact your Authorized Specialized Retailer.

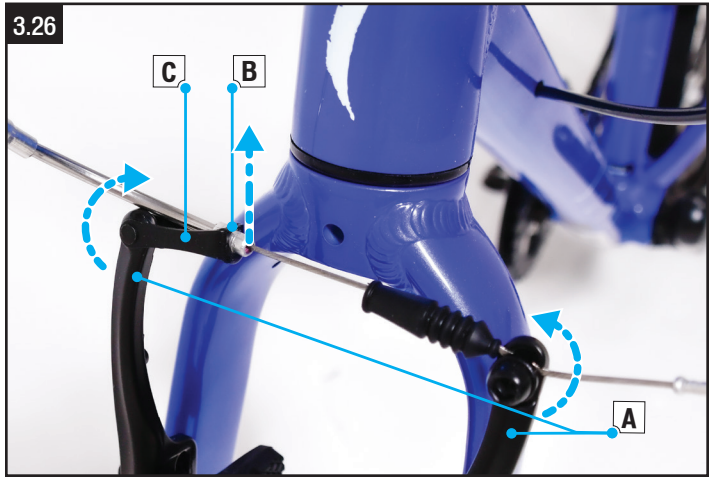

Fig. 3.26

REMOVING THE FRONT WHEEL ON MULTI-SPEED MODELS

- Disconnect the front brake cable by squeezing the brake arms (A) together and unhooking the noodle end (B) from the quick release cradle (C).

Fig. 3.27

- Using the flat wrench, loosen the front wheel axle nuts (A).
- Guide the wheel down and out of the dropouts (B).

Fig. 3.28

REINSTALLING THE FRONT WHEEL ON MULTI-SPEED MODELS

- Guide the wheel up and into the fork dropouts and between the brake pads.
- Using the provided flat wrench, tighten the axle nuts approximately 3/8 of a turn after tension is felt (21 Nm /186 in-lbf).

WARNING! Make sure the washers are on the outside of the dropouts when you reinstall the wheel.

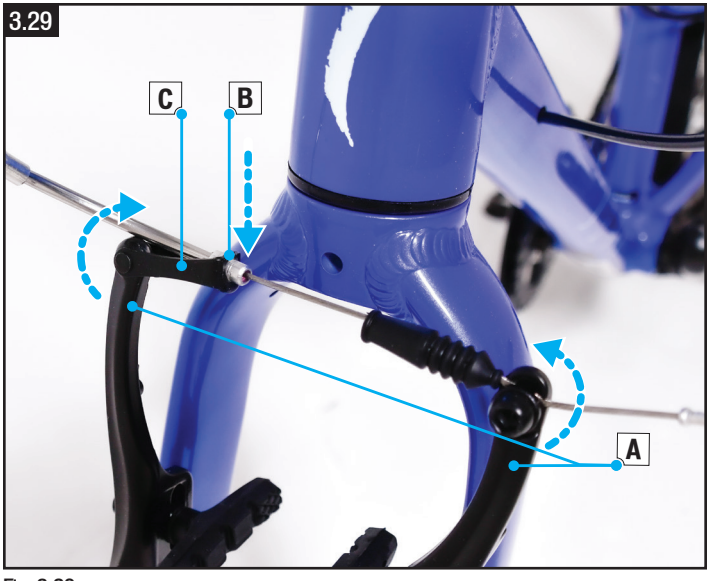

Fig. 3.29

- Reconnect the front brake cable by squeezing the brake arms (A) together and inserting the cable noodle end (B) into the quick release cradle (C).

Hold the front end of the bicycle up and give the front wheel a good spin. The wheel should be centered within the fork crown and rotate freely and not wobble. If the wheel wobbles and is not centered, please see you Authorized Specialized Retailer.

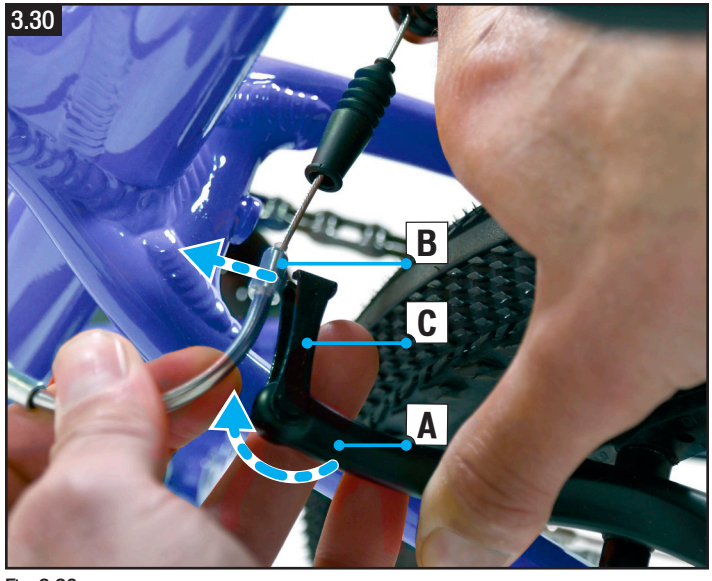

Fig. 3.30

REMOVING THE REAR WHEEL ON MULTI-SPEED MODELS

- Shift the bicycle into the highest (smallest) gear.
- Disconnect the rear brake cable (**Fig. 3.30**) by squeezing the brake arms (A) together and unhooking the cable noodle end (B) from the quick release cradle (C).
- Using the flat wrench, loosen the rear wheel axle nuts.

Fig. 3.31

- Rotate the derailleur down and back to release pressure on the chain.

Fig. 3.32

- Lift the bicycle and guide the wheel down and out of the dropouts.

Fig. 3.33

REINSTALLING THE REAR WHEEL ON MULTI-SPEED MODELS

- With the brake cable disconnected, guide the wheel into the dropouts and between the brake pads.
- Seat the rear axle in the dropouts and place the chain back on the smallest sprocket.
- Pull the wheel back until the chain is taut, the derailleur is back in place, and the rear wheel is centered.
- Using the flat wrench, tighten the axle nuts approximately 3/8 of a turn after tension is felt, as in **Fig. 3.33**. (21 Nm /186 in-lbf).

WARNING! Make sure the washers are on the outside of the dropouts when you reinstall the wheel.

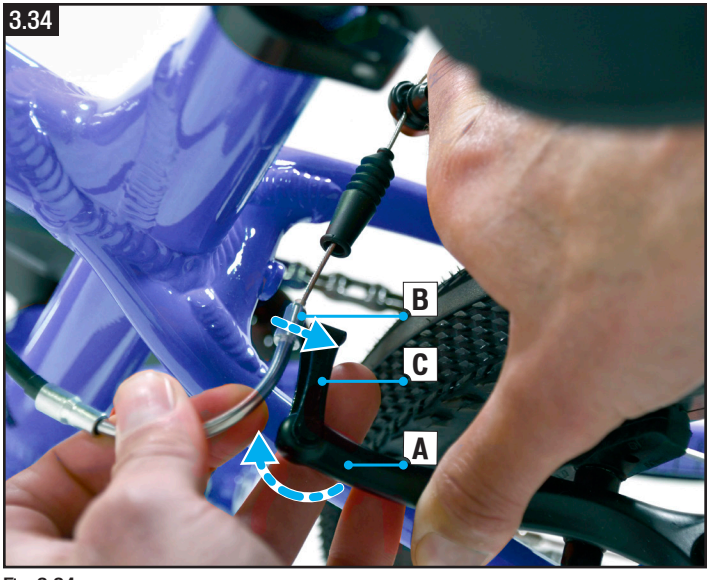

Fig. 3.34

- Reconnect the rear brake cable by squeezing the brake arms (A) together and inserting the cable noodle end (B) into the quick release cradle (C).
- Lift the rear end of the bicycle and spin the rear wheel to check if the wheel is centered and does not wobble.

REMOVING THE REAR WHEEL ON SINGLE-SPEED MODELS

The steps are the same as the multi-speed Jett models except there is no derailleur.

- Disconnect the rear brake cable by squeezing the brake arms together and unhooking the cable noodle end from the quick release cradle (as seen in **Fig. 3.29**).
- Using the provided flat wrench, loosen the rear wheel axle nuts and slide the rear wheel forward in the dropouts so the chain is loose.
- Lift the chain off of the rear sprocket and guide the wheel down and out of the dropouts.

REINSTALLING THE REAR WHEEL ON SINGLE-SPEED MODELS

- With the brake cable disconnected, guide the wheel into the dropouts and between the brake pads.
- Seat the rear axle in the dropouts and place the chain on the rear sprocket.
- Pull the wheel back until the chain is taut and the rear wheel is centered.
- Using the flat wrench, tighten the axle nuts approximately 3/8 of a turn after tension is felt (21 Nm /186 in-lbf).
- Reconnect the rear brake cable by squeezing the brake arms together and inserting the cable noodle end into the quick release cradle (as seen in **Fig. 3.33**).
- Lift the rear end of the bicycle and spin the rear wheel to check if the wheel is centered and does not wobble.

WARNING! Make sure the spacers are on the outside of the dropouts when you reinstall the wheel.

PUMPING THE TIRES

The tires must be inflated and periodically checked and re-inflated using a pump with an accurate pressure gauge. The tire pressure range is **35-65 PSI / 2.5-4.5 BAR**. Please refer to the Tires and Tubes section of the Specialized Bicycle Owner's Manual for additional information.

WARNING! Never inflate a tire beyond the maximum pressure marked on the tire's sidewall. Exceeding the recommended maximum pressure may blow the tire off the rim, which could cause damage to the bicycle and injury to the rider and bystanders.

4. SAFETY CHECK

WARNING! Before the first ride and routinely thereafter before each ride, perform the below safety check as well as any additional safety checks outlined in the Owner's Manual, to ensure the bicycle is safe to ride. Failure to follow this warning can result in serious personal injury.

1. Nuts, bolts, screws, and other fasteners: Ensure the seatpost, stem, and handlebar are properly tightened. You can check the tightness of the handlebar, stem, and seatpost by securing the bicycle between your legs and trying to twist, push, and pull the handlebar and saddle. The handlebar and saddle should not move. If any of the components move, realign the part, increase the bolt tension, and try again. Repeat as necessary until there is no movement. Periodically check all the bolts on the bicycle to make sure they are torqued to specification by using the provided torque wrench.

2. Seatpost: Ensure the saddle height is appropriate. Adjust as necessary.

3. Tires and wheels: Ensure the wheels spin freely and do not wobble. The wheels should be centered in the frame and fork. If the wheels wobble and are not centered, please see your Authorized Specialized Retailer.

4. Tire pressure: The tires must be inflated and periodically checked and re-inflated using a pump with an accurate gauge. Please refer to the Tires and Tubes section of the Specialized Bicycle Owner's Manual supplied with your bicycle for additional information.

5. Brakes: The brakes are preadjusted and aligned out of the box. If the brake pads or arms are misaligned, please visit your Authorized Specialized Retailer. Check the brake pads periodically for wear. Brake pads should be replaced once they wear down to the wear line. If the brake pads need to be replaced but you do not have experience replacing brake pads, please see your Authorized Specialized Retailer. Test the brakes by lifting one end of the bicycle at a time, spinning each wheel, and squeezing the brake lever (left lever for front wheel, right lever for rear wheel). If the brakes are not working properly, please see your Authorized Specialized Retailer.

Regulary inspect the bicycle to ensure there is no damage to any of the components. Replace any worn or damaged components or have them replaced by your Authorized Specialized Retailer.