

65 SX

ART. NO. 3240074EN



KTM

Perform the work described in these setup instructions before the vehicle is delivered to the customer.

Read the setup instructions in their entirety before beginning work.

These setup instructions were written to correspond to the latest state of this model series. We reserve the right to make modifications in the interest of technical advancement without at the same time updating these setup instructions.

We shall not provide a description of general workshop methods. Likewise, safety rules that apply in a workshop are not specified here. It is assumed that the work will be performed by a fully trained mechanic.

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REG.NO. 12 100 6061

ISO 9001(12 100 6061)

KTM applies quality assurance processes that lead to the highest possible product quality as defined in the ISO 9001 international quality management standard.

Issued by: TÜV Management Service

KTM Sportmotorcycle GmbH
Stallhofnerstraße 3
5230 Mattighofen, Austria

This document is valid for the following models:

65 SX (F6001X6)

65 SX CN (F6087X6)



3240074en

25.03.2024

1.1 Symbols used

The meaning of specific symbols is described below.

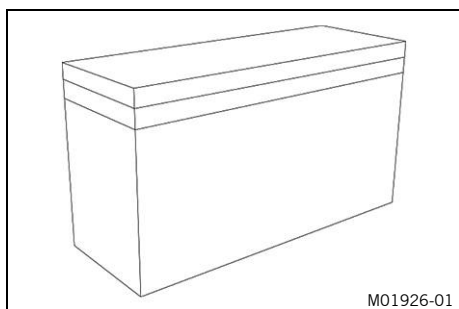
	Indicates an expected reaction (e.g. of a work step or a function).
	Indicates an unexpected reaction (e.g. of a work step or a function).
	Indicates a page reference (more information is provided on the specified page).
	Indicates information with more details or tips.
	Indicates the result of a testing step.
	Indicates a voltage measurement.
	Indicates a current measurement.
	Indicates a resistance measurement.
	Indicates the end of an activity including potential rework.

1.2 Formats used

The typographical formats used in this document are explained below.

Proprietary name	Indicates a proprietary name.
Name®	Indicates a protected name.
Brand™	Indicates a brand available on the open market.
<u>Underlined terms</u>	Refer to technical details of the vehicle or indicate technical terms, which are explained in the glossary.

2.1 Unpacking and setting up the vehicle



- Open the box.

Guideline

To avoid damaging the vehicle while setting it up, do not remove the protective film on each component until installing the component, and leave it on the vehicle until work has been completed.

- Remove the two cable ties on the triple clamp.
- Take out the front wheel, fender, and the separate enclosure from the box.
- Remove the separate enclosure and unpack it. Check the separate enclosure for completeness.



Info

The procedure for missing components is described in the Customer Service Manual.

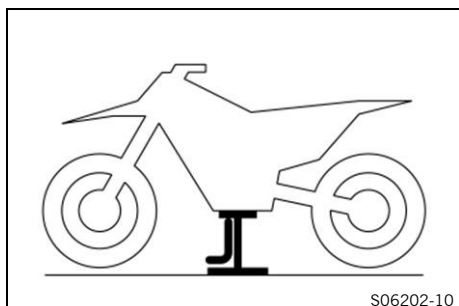
- Lift the vehicle out of the box with the assistance of another person.
- Raise the motorcycle with a lift stand. (📖 p. 6)
- Check the vehicle for transport damage.



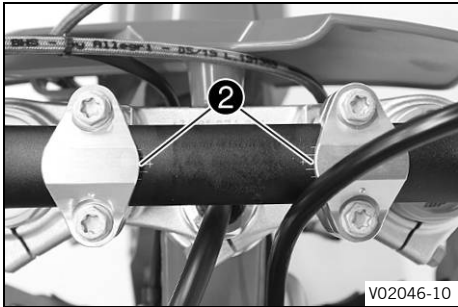
Info

The procedure in the event of transport damage is described in the Customer Service Manual.

- Remove the protective film from the handlebar and start number plate.



- Clean the start number plate with a lint-free cloth and isopropyl alcohol.
- Apply start number plate sticker ❶ immediately once the alcohol has completely evaporated.



Warning
Danger of accidents A repaired handlebar poses a safety risk.

If the handlebar is bent or straightened, the material becomes fatigued. The handlebar may break as a result.

- Change the handlebar if the handlebar is damaged or bent.

- Position the handlebar.



Info
Make sure the cables and wiring are positioned correctly.

- Position the handlebar clamps. Align the handlebars using markings ②. Mount and tighten the screws evenly.

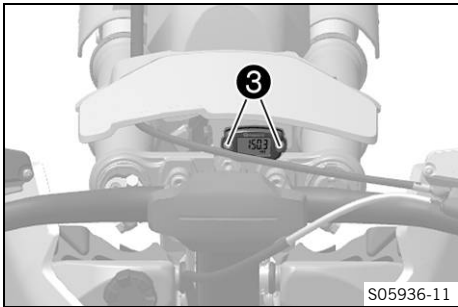
Guideline

Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)
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Info
The markings on the handlebar should be at the center of the handlebar clamps.
Keep the installed gap widths equal when tightening.

- Check the handlebar position.
 - » If the handlebar position is not adjusted as required by the customer:
 - Adjust the handlebar position. (📖 p. 6)
- Position all controls in their exact positions on the handlebar. Tighten all screws.
- Position the handlebar cushion and secure with cable ties.
- Remove the seat. (📖 p. 8)
- Remove the fuel tank. (📖 p. 9)



- Position service hour counter and mount with screws ③.

Guideline

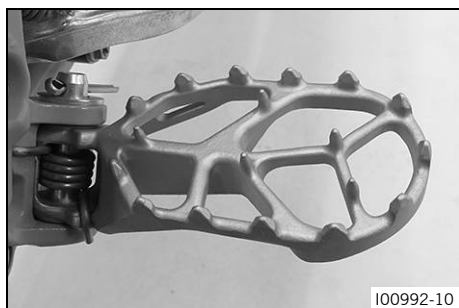
Screw, service hour counter	EJOT PT® K35x18	2 Nm (1.5 lbf ft)
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- Route the cable on the frame and attach it to the ignition wire.

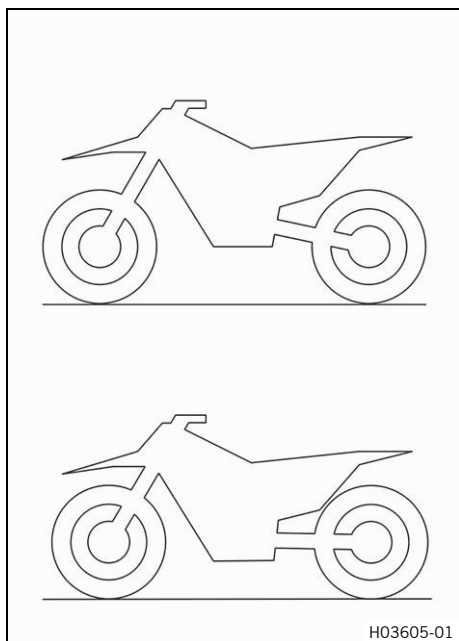


Info
Do not kink or damage the cable.

- Check that the wiring harness, cables, and brake line have the necessary freedom of movement and are correctly routed.
- Install the fuel tank. (📖 p. 10)
- Mount the seat. (📖 p. 8)
- Mount the footrests with the springs and pins. Secure the pins using the washers and cotter pins.



I00992-10



H03605-01

- Check the factory-set frame height.
 - » If the frame height is unsuitable for the rider:
 - Adjust the seat height on the shock absorber. (📖 p. 14)
 - Adjust the seat height on the fork. (📖 p. 14)
 - Adjust the seat height on the frame. (📖 p. 15)
- Unpack and mount the **KTM PowerParts** included in the delivery (optional).



Info

Read the accompanying **KTM PowerParts** instructions.

- Attach the stickers included in the scope of supply (optional).
- Turn the knurled screw on the fuel tap all the way counter-clockwise.
- Fill up with fuel. (📖 p. 12)
- Remove the remaining film, padding, the corrugated cardboard, and the other packaging material.
- Remove the motorcycle from the lift stand. (📖 p. 6)
- Prepare the vehicle according to the specifications of the pre-sales inspection for handover to the customer.



3.1 Raising the motorcycle with a lift stand

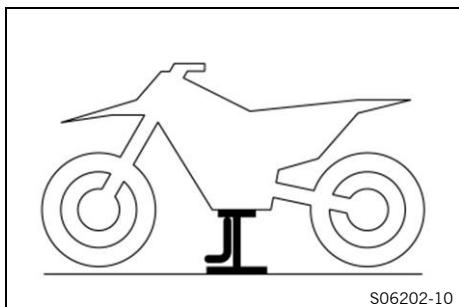
Note

Material damage The vehicle may be damaged by incorrect procedure when parking.

Significant damage may be caused if the vehicle rolls away or falls over.

The components for parking the vehicle are designed only for the weight of the vehicle.

- Park the vehicle on a firm and level surface.
- Ensure that nobody sits on the vehicle when the vehicle is parked on a stand.



- Raise the motorcycle at the frame underneath the engine.

Lift stand (78929955100)

- ✓ Neither wheel is in contact with the ground.
- Secure the motorcycle against falling over.

3.2 Removing the motorcycle from the lift stand

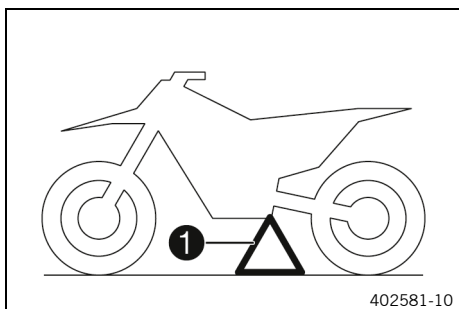
Note

Material damage The vehicle may be damaged by incorrect procedure when parking.

Significant damage may be caused if the vehicle rolls away or falls over.

The components for parking the vehicle are designed only for the weight of the vehicle.

- Park the vehicle on a firm and level surface.
- Ensure that nobody sits on the vehicle when the vehicle is parked on a stand.



- Remove the motorcycle from the lift stand.
- Remove the lift stand.
- To park the motorcycle, insert plug-in stand ① into the plug-in stand bracket on the left side of the vehicle.



Info

Remove the plug-in stand before riding.

3.3 Adjusting the handlebar position

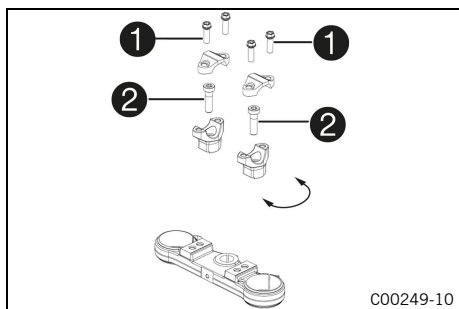


Warning

Danger of accidents A repaired handlebar poses a safety risk.

If the handlebar is bent or straightened, the material becomes fatigued. The handlebar may break as a result.

- Change the handlebar if the handlebar is damaged or bent.



- Remove screws ①. Take off the handlebar clamps. Remove the handlebar and lay it to one side.

i Info
Cover the components to protect them against damage. Do not kink the cables and lines.

- Remove screws ②. Take off handlebar supports.
- Place handlebar supports in required position. Mount and tighten screws ②.

Guideline

Screw, handlebar support	M10	40 Nm (29.5 lbf ft) Loctite®243™
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- Position the handlebar.

i Info
Make sure the cables and wiring are positioned correctly.

- Position the handlebar clamps. Mount screws ① and tighten evenly.

Guideline

Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)
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i Info
Make sure the installed gaps are even.



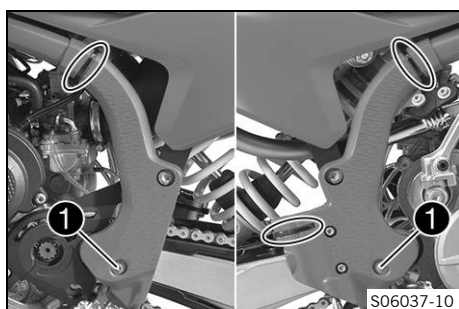
3.4 Removing the frame protector

Preparatory work

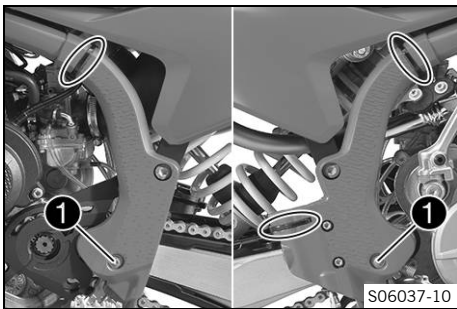
- Remove the right side cover. (📖 p. 19)
- Remove the left side cover. (📖 p. 18)

Main work

- Remove the cable ties.
- Remove screws ① with the bushings.
- Take off the left frame protector.
- Take off the right frame protector.



3.5 Installing the frame protector



Main work

- Position the left frame protector.
- Position the right frame protector.
- Mount screws ① with the bushings and tighten.

Guideline

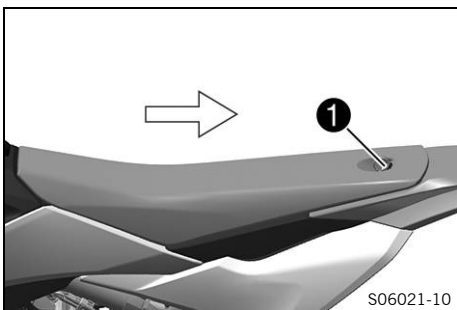
Screw, frame protector	M5	3 Nm (2.2 lbf ft)
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- Secure the frame protector with cable ties.

Finishing work

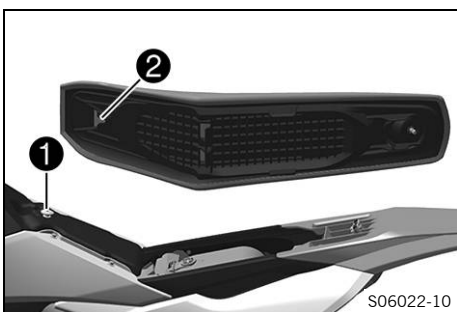
- Install the left side cover. (📖 p. 19)
- Install the right side cover. (📖 p. 20)

3.6 Removing the seat

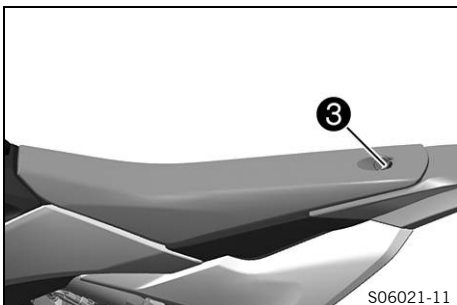


- Open quick release ① and raise the rear of the seat.
- Pull back the seat and remove it.

3.7 Mounting the seat



- Hook seat onto screw ① and lower the seat at the rear and push it forward.
- ✓ Holding lug ② hooks into the fuel tank.



- Close quick release ③.

3.8 Removing the fuel tank



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



Warning

Danger of poisoning Fuel is harmful to health.

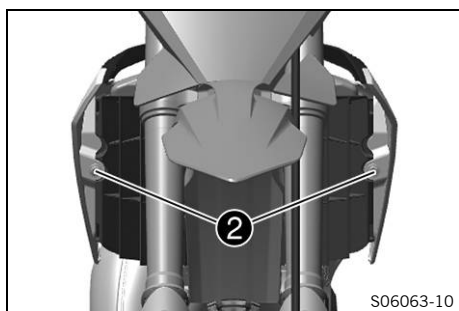
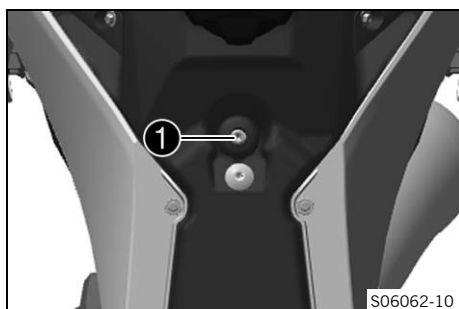
- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing if fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.

Preparatory work

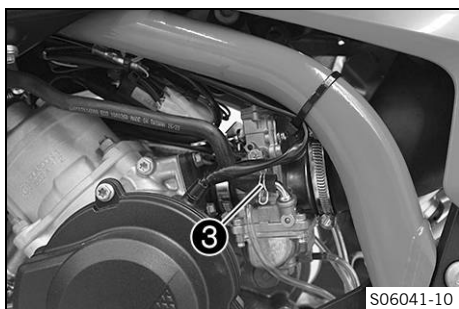
- Remove the seat. (📖 p. 8)
- Turn the knurled screw on the fuel tap all the way clockwise.

Main work

- Remove screw ①.



- Remove screws ②.



- Pull off fuel hose ③.



Info

Remaining fuel may flow out of the fuel hose.

- Pull fuel tank breather out of the steering stem.
- Pull both spoilers off laterally from the radiator bracket and lift off the fuel tank.

3.9 Installing the fuel tank



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



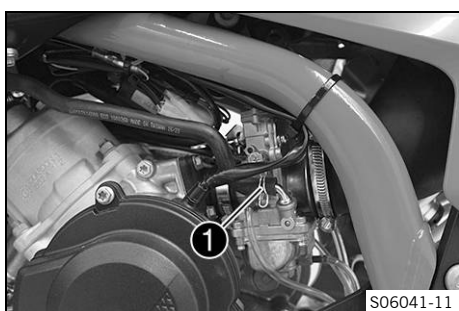
Warning

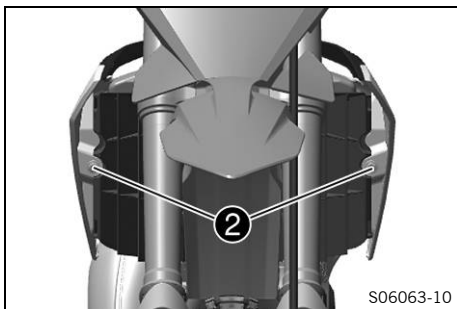
Danger of poisoning Fuel is harmful to health.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing if fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.

Main work

- Check the throttle cable routing. (📖 p. 13)
- Position the fuel tank and fit the two spoilers to the sides of the radiator mount.
- Make sure that no cables or throttle cables are trapped or damaged.
- Mount fuel hose ①.

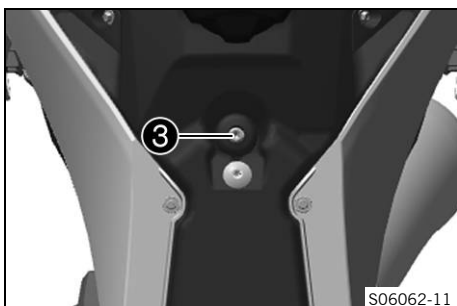




- Mount and tighten screws ②.

Guideline

Screw, fuel tank spoiler on radiator	M6	6 Nm (4.4 lbf ft)
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- Mount and tighten screw ③.

Guideline

Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
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- Position the fuel tank breather in the steering stem.

Finishing work

- Turn the knurled screw on the fuel tap all the way counter-clockwise.
- Mount the seat. (📖 p. 8)

3.10 Opening the fuel tank filler cap



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



Warning

Danger of poisoning Fuel is harmful to health.

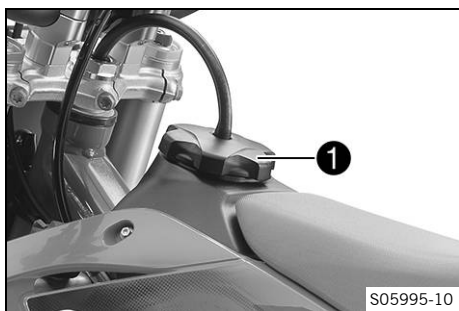
- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing if fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.



Note

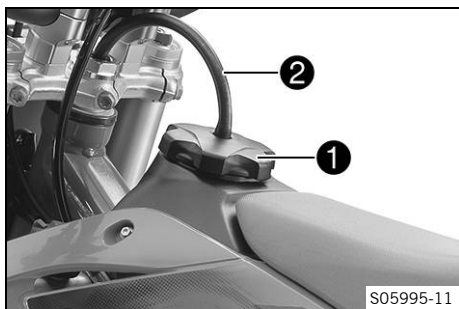
Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to enter the groundwater, the soil, or the sewage system.



- Turn fuel tank filler cap ① counterclockwise and lift it off.

3.11 Closing the fuel tank filler cap



- Mount fuel tank filler cap ① and turn it clockwise until the fuel tank is tightly closed.



Info

Route fuel tank breather hose ② without kinks.

3.12 Refueling



Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.



Warning

Danger of poisoning Fuel is harmful to health.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing if fuel spills on them.

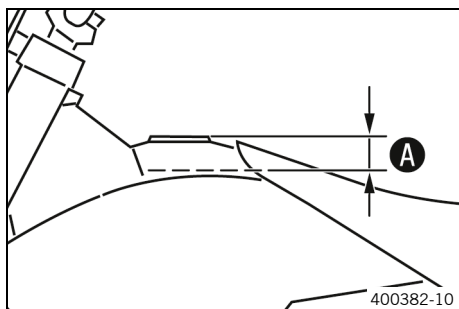


Note

Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to enter the groundwater, the soil, or the sewage system.

- Switch off the engine.
- Open the fuel tank filler cap. (📖 p. 11)



- Fill the fuel tank with fuel up to measurement **A**.

Guideline

Measurement of A	35 mm (1.38 in)	
Fuel tank capacity, approx.	4.5 l (1.19 US gal)	Super unleaded (95 octane) mixed with 2-stroke engine oil (1:60) (p. 26)
Engine oil, 2-stroke (p. 26)		

- Close the fuel tank filler cap. (p. 12)



3.13 Checking the throttle cable routing



Warning

Danger of accidents The throttle cable can become kinked, trapped or blocked if it is not routed correctly.

If the throttle cable is kinked, trapped or blocked, the speed can no longer be controlled.

- Make sure that the throttle cable routing and the play in throttle cable complies with the specification.

Preparatory work

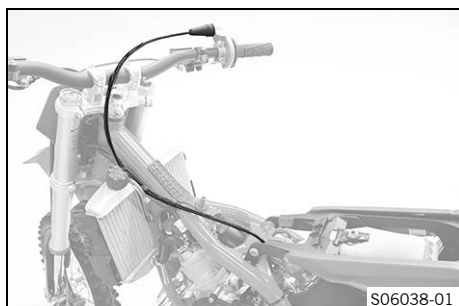
- Remove the seat. (p. 8)
- Turn the knurled screw on the fuel tap all the way clockwise.
- Remove the fuel tank. (p. 9)

Main work

- Check the throttle cable routing.

The throttle cable must be routed behind the handlebar, behind the coolant hose and on the left of the frame.

- » If the throttle cable is not routed as specified:
 - Correct the throttle cable routing.



Finishing work

- Install the fuel tank. (p. 10)
- Turn the knurled screw on the fuel tap all the way counter-clockwise.
- Mount the seat. (p. 8)



3.14 Adjusting the seat height on the shock absorber

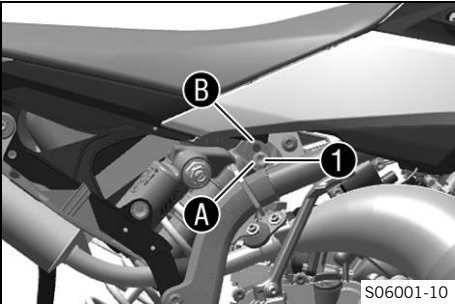
**Warning**

Danger of accidents Modifications to the suspension setting may seriously alter the handling characteristic.

- Make sure your child rides slowly to start with after making adjustments in order that he or she can assess the new handling characteristic.

**Info**

If the seat height is adjusted on the shock absorber, the seat height should also be adjusted on the fork.



Preparatory work

- Raise the motorcycle with a lift stand. (📖 p. 6)
- Remove the right side cover. (📖 p. 19)

Main work

- Hold the rear wheel with the link fork and remove screw ❶.
- Position the shock absorber according to the required seat height.

Guideline

High seat position	A
Low seat position	B

- Mount and tighten screw ❶.

Guideline

Screw, top shock absorber	M10	45 Nm (33.2 lbf ft) Loctite®243™
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Finishing work

- Install the right side cover. (📖 p. 20)
- Remove the motorcycle from the lift stand. (📖 p. 6)

3.15 Adjusting the seat height on the fork

**Warning**

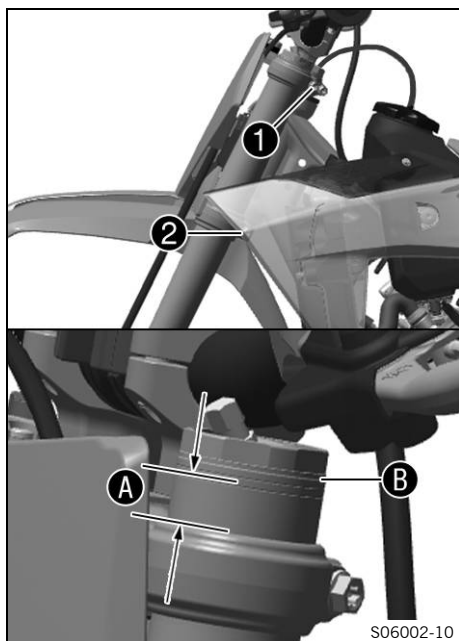
Danger of accidents Modifications to the suspension setting may seriously alter the handling characteristic.

- Make sure your child rides slowly to start with after making adjustments in order that he or she can assess the new handling characteristic.

**Info**

The seat height can be infinitely adjusted by pushing the fork legs through.
If the seat height is adjusted on the fork, the seat height should also be adjusted on the shock absorber.

- Preparatory work**
- Raise the motorcycle with a lift stand. (📖 p. 6)
 - Remove the front wheel. (📖 p. 20)



Main work

- Loosen screw ①.
- Loosen screw ②.
- Position the fork leg according to the required seat height.

Guideline

Condition

Seat position as low as possible, fork fully inserted

Maximum distance ① between lower edge of screw cap and upper edge of triple clamp	18 mm (0.71 in)
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Condition

Seat position as high as possible, fork pulled out completely

Bottom edge of screw cap ② closes flush with the upper edge of the triple clamp
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Position the fork leg only within the described range.

- Tighten screw ②.

Guideline

Screw, bottom triple clamp	M8	15 Nm (11.1 lbf ft)
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- Tighten screw ①.

Guideline

Screw, top triple clamp	M8	20 Nm (14.8 lbf ft)
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- Repeat the procedure on the other fork leg.

Guideline

Position both fork legs equally.

Finishing work

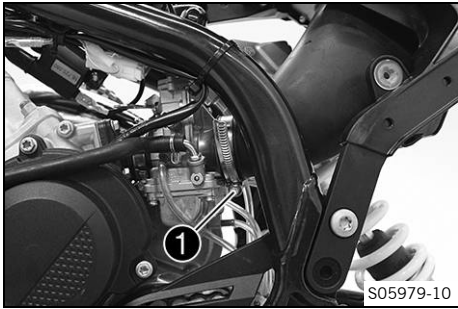
- Install the front wheel. (p. 21)



3.16 Adjusting the seat height on the frame

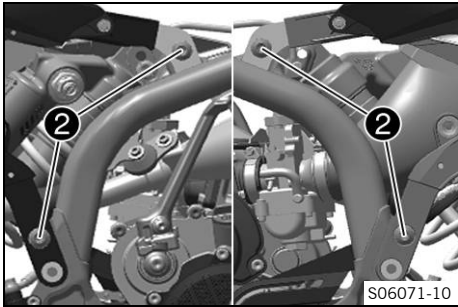
Preparatory work

- Remove the seat. (p. 8)
- Remove the right side cover. (p. 19)
- Remove the left side cover. (p. 18)
- Remove the frame protector. (p. 7)
- Remove the rear fender. (p. 22)
- Turn the knurled screw on the fuel tap all the way clockwise.
- Remove the fuel tank. (p. 9)

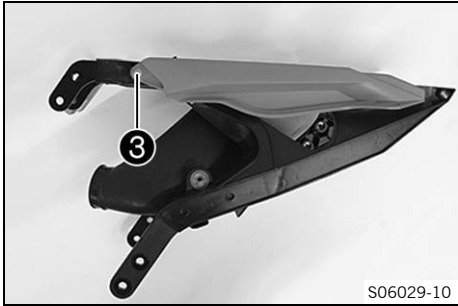


Main work

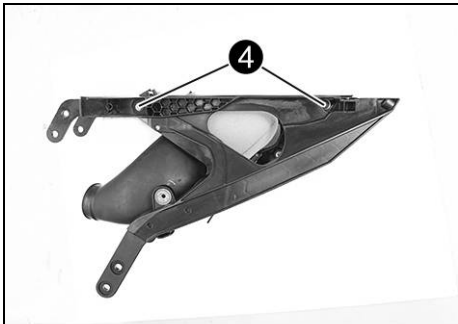
- Loosen hose clip 1.



- Remove screws 2 on the right and left side.
- Remove subframe with air filter box.



- Remove screw 3 on the left-hand side of the subframe and remove the decorative trim.



- Remove screws 4 and separate the subframe.
- Place air filter box in the desired position.

Guideline

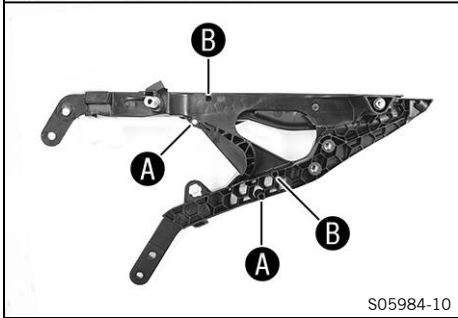
High seat position	Drill holes A
Low seat position	Drill holes B

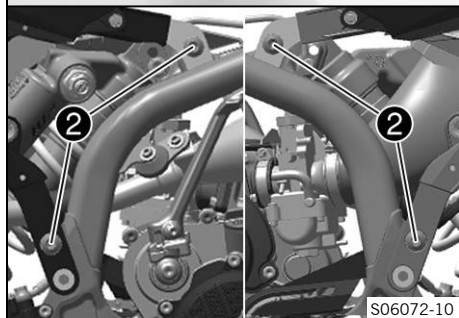
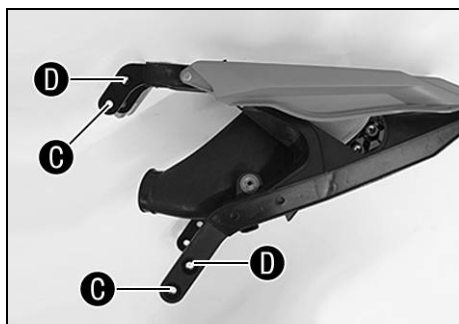
- Assemble the subframe, mount and tighten the screws.

Guideline

Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
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- Position the decorative trim with the screw and tighten.





- Position the subframe at the desired seat height and position and tighten screws **2** on the right and left side.

Guideline

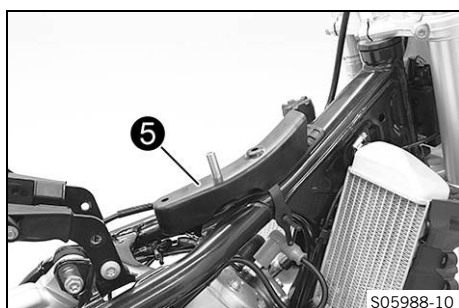
Screw, sub-frame	M8	35 Nm (25.8 lbf ft) Loctite®2701™
High seat position	Position C	
Low seat position	Position D	



- Position the intake flange on the carburetor and tighten hose clip **1**.

Guideline

Hose clip, carburetor	-	2.8 Nm (2.07 lbf ft)
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Condition

High seat position

- Make sure that tank extension **5** is fitted to the fuel tank using the supplied screws.

Guideline

Tank extension screw	EJOT	2 Nm (1.5 lbf ft)
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Condition

Low seat position

- Make sure that tank extension **5** is removed from the fuel tank.

Finishing work

- Install the fuel tank. (📖 p. 10)
- Turn the knurled screw on the fuel tap all the way counter-clockwise.
- Install the rear fender. (📖 p. 22)
- Install the frame protector. (📖 p. 8)
- Install the left side cover. (📖 p. 19)
- Install the right side cover. (📖 p. 20)
- Mount the seat. (📖 p. 8)



3.17 Removing the main silencer



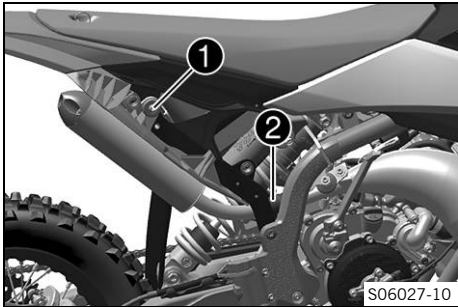
Warning

Danger of burns The exhaust system gets hot when the vehicle is driven.

- Allow the exhaust system to cool down before performing any work on the vehicle.

- Preparatory work**
- Remove the right side cover. (📖 p. 19)

- Main work**
- Remove screw ❶.
 - Pull off the main silencer from the manifold at exhaust sleeve ❷.

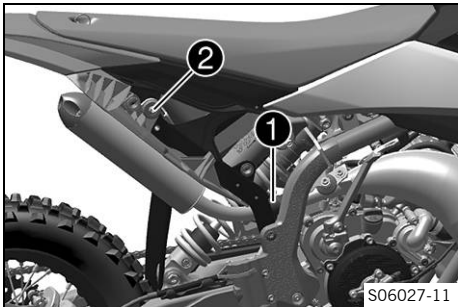


3.18 Installing the main silencer

- Main work**
- Mount the main silencer with intake sleeve ❶.
 - Mount and tighten screw ❷.

Guideline

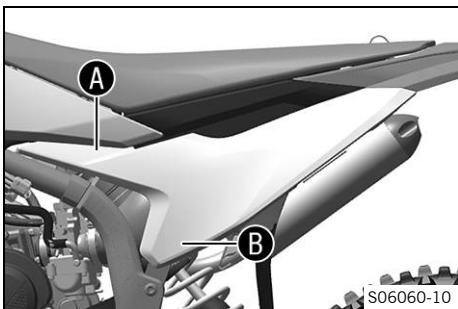
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
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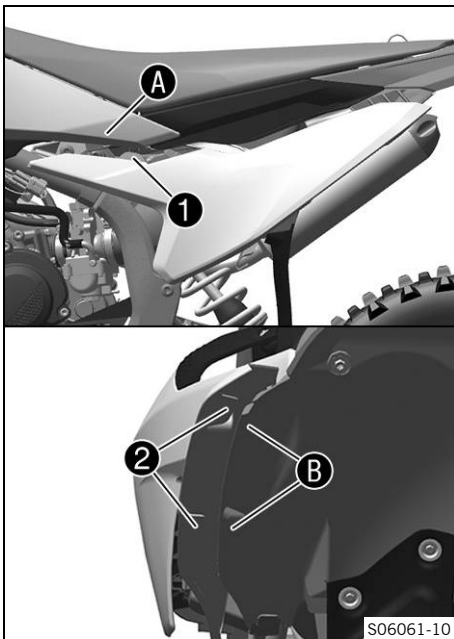
- Finishing work**
- Install the right side cover. (📖 p. 20)

3.19 Removing the left side cover

- Pull off and remove the side cover in areas A and B at the sides.

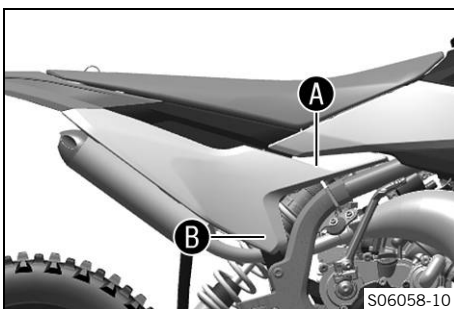


3.20 Installing the left side cover



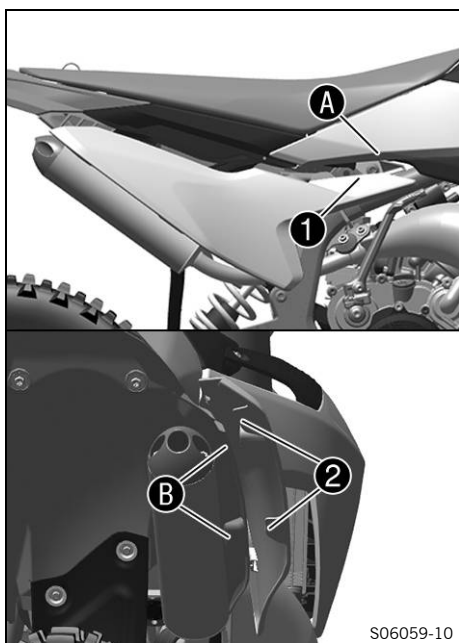
- Hook in side cover with holding lugs **1** in area **A** and holding lugs **2** in area **B**.
- Press the side cover into the rubber bushings.

3.21 Removing the right side cover



- Pull off and remove the side cover in areas **A** and **B** at the sides.

3.22 Installing the right side cover



- Attach side cover with holding lugs 1 in area A and holding lugs 2 in area B.
- Press side cover into the rubber bushings.

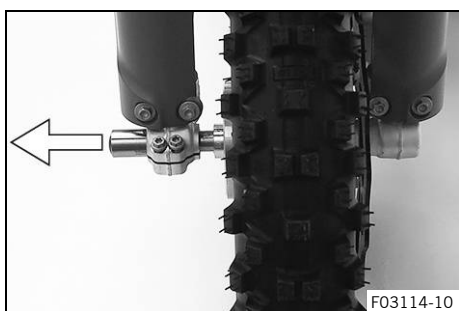
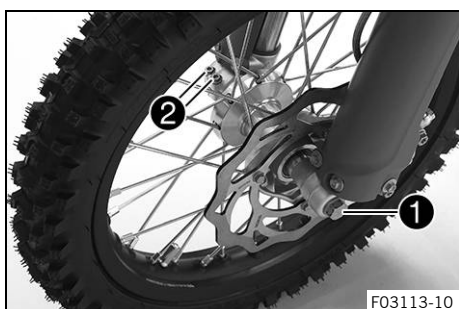
3.23 Removing the front wheel

Preparatory work

- Raise the motorcycle with a lift stand. (🛠 p. 6)

Main work

- Loosen screw 1 by several rotations.
- Loosen screws 2.
- Press on screw 1 to push the wheel spindle out of the axle clamp.
- Remove screw 1.



Warning

Danger of accidents Damaged brake discs reduce the braking effect.

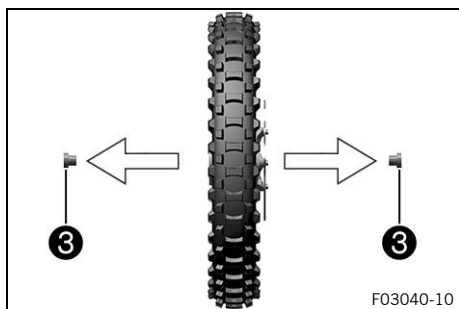
- Always lay the wheel down in such a way that the brake disc is not damaged.

- Hold front wheel and remove wheel spindle. Take the front wheel out of the fork.



Info

Do not actuate the hand brake lever when the front wheel is removed.



- Remove spacers ③.



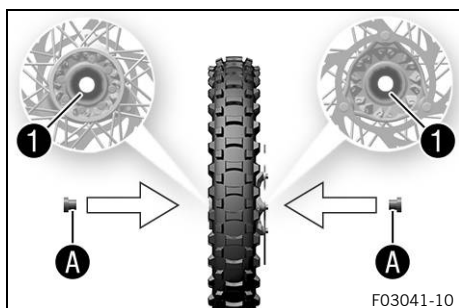
3.24 Installing the front wheel



Warning

Danger of accidents Oil or grease on the brake discs reduces the braking effect.

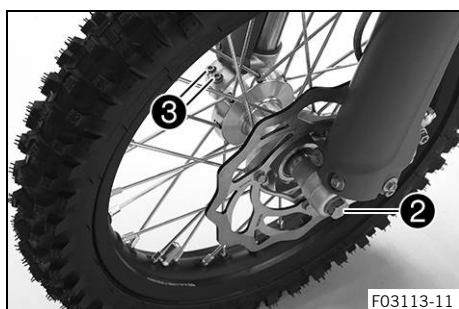
- Always keep the brake discs free of oil and grease.
- Clean the brake discs with brake cleaner when necessary.



- Check the wheel bearing for damage and wear.
 - » If the wheel bearing is damaged or worn:
 - Change front wheel bearing.
- Clean and grease shaft seal rings ① and contact surfaces A of the spacers.

Long-life grease (📖 p. 27)

- Insert the spacers.



- Clean and lightly grease the wheel spindle.

Long-life grease (📖 p. 27)

- Position the front wheel.
 - ✓ The brake linings are correctly positioned.
- Insert the wheel spindle.
- Mount and tighten screw ②.

Guideline

Screw, front wheel spindle	M10	40 Nm (29.5 lbf ft) Loctite®243™
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- Operate the hand brake lever several times until the brake linings are seated correctly against the brake disc.
- Remove the motorcycle from the lift stand. (📖 p. 6)
- Operate the front brake and compress the fork a few times firmly.
 - ✓ The fork legs straighten.
- Tighten screws ③.

Guideline

Screw, fork stub	M6	10 Nm (7.4 lbf ft)
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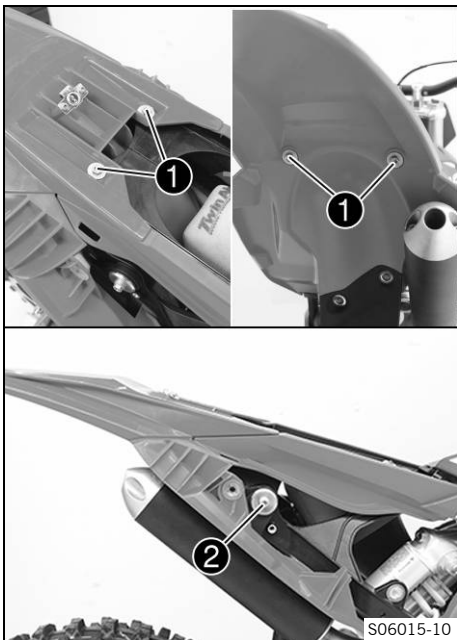
3.25 Removing the rear fender

Preparatory work

- Remove the seat. (📖 p. 8)
- Remove the right side cover. (📖 p. 19)
- Remove the left side cover. (📖 p. 18)
- Remove the frame protector. (📖 p. 7)

Main work

- Remove screws ①.
- Remove screw ②.
- Remove fender with main silencer toward the rear.



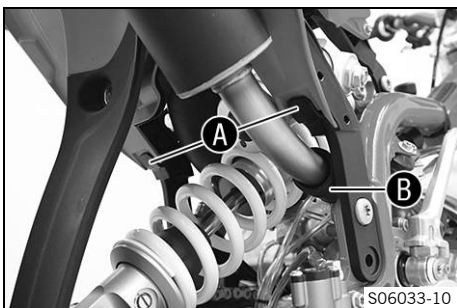
Info

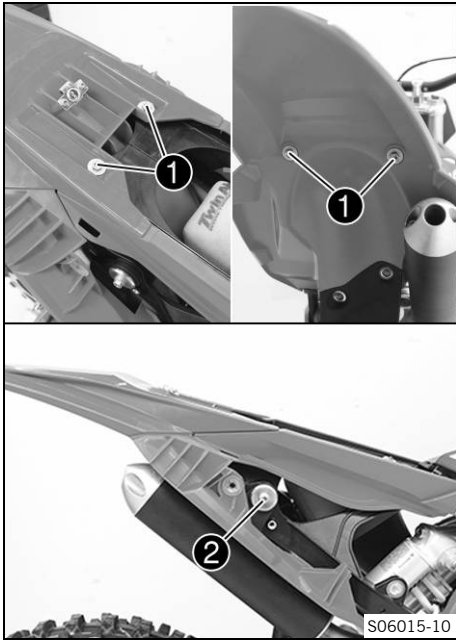
The main silencer must be pulled out of the exhaust sleeve.

3.26 Installing the rear fender

Main work

- Position the fender with the main silencer.
 - ✓ The fender engages in holding lug A of the fender.
 - ✓ The main silencer is inserted into exhaust sleeve B.





- Mount and tighten screws ①.

Guideline

Screw, rear fender	M6	6 Nm (4.4 lbf ft)
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- Mount and tighten screw ②.

Guideline

Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
---------------------------	----	--------------------

Finishing work

- Install the frame protector. (📖 p. 8)
- Install the left side cover. (📖 p. 19)
- Install the right side cover. (📖 p. 20)
- Mount the seat. (📖 p. 8)



4 TECHNICAL SPECIFICATIONS

4.1 chassis tightening torques

Hose clip, carburetor	-	2.8 Nm (2.07 lbf ft)	
Screw, brake hose bracket	EJOT	1.7 Nm (1.25 lbf ft)	
Stop button screw	M3	0.4 Nm (0.3 lbf ft)	
Spoke nipple	M3.5	3 Nm (2.2 lbf ft)	
Screw, throttle slide cover	M4	2 Nm (1.5 lbf ft)	
Remaining nuts, chassis	M5	5 Nm (3.7 lbf ft)	
Remaining screws, chassis	M5	5 Nm (3.7 lbf ft)	
Nut, push rod, foot brake lever	M6	6 Nm (4.4 lbf ft)	
Remaining nuts, chassis	M6	10 Nm (7.4 lbf ft)	
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	
Screw, ball joint of push rod on brake cylinder	M6	10 Nm (7.4 lbf ft)	Loctite®243™
Screw, brake cylinder	M6	10 Nm (7.4 lbf ft)	
Screw, brake cylinder	M6	5 Nm (3.7 lbf ft)	
Screw, chain sliding guard	M6	10 Nm (7.4 lbf ft)	
Screw, clutch master cylinder	M6	5 Nm (3.7 lbf ft)	
Screw, fender	M6	6 Nm (4.4 lbf ft)	
Screw, fork stub	M6	10 Nm (7.4 lbf ft)	
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	Loctite®243™
Screw, front brake linings	M6	10 Nm (7.4 lbf ft)	
Screw, fuel tank spoiler on radiator	M6	6 Nm (4.4 lbf ft)	
Screw, rear brake disc	M6	14 Nm (10.3 lbf ft)	Loctite®243™
Screw, rear brake lining	M6	10 Nm (7.4 lbf ft)	
Screw, throttle grip	M6	5 Nm (3.7 lbf ft)	
Start number plate screw	M6	4 Nm (3 lbf ft)	
Brake lever stop nut	M8	20 Nm (14.8 lbf ft)	
Fitting, engine mounting bracket	M8	30 Nm (22.1 lbf ft)	
Nut, rim lock	M8	10 Nm (7.4 lbf ft)	
Remaining nuts, chassis	M8	25 Nm (18.4 lbf ft)	
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)	
Screw, bottom triple clamp	M8	15 Nm (11.1 lbf ft)	
Screw, engine bracket	M8	30 Nm (22.1 lbf ft)	Loctite®2701™
Screw, engine sprocket cover	M8	15 Nm (11.1 lbf ft)	
Screw, front brake caliper	M8	20 Nm (14.8 lbf ft)	Loctite®243™
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)	
Screw, rear brake caliper	M8x20	18 Nm (13.3 lbf ft)	Loctite®243™
Screw, rear brake caliper	M8x40	18 Nm (13.3 lbf ft)	Loctite®243™
Screw, rear sprocket	M8	25 Nm (18.4 lbf ft)	Loctite®243™

Screw, steering stem	M8	20 Nm (14.8 lbf ft)
Screw, subframe	M8	35 Nm (25.8 lbf ft) Loctite®2701™
Screw, top triple clamp	M8	20 Nm (14.8 lbf ft)
Remaining nuts, chassis	M10	45 Nm (33.2 lbf ft)
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)
Screw, bottom shock absorber	M10	45 Nm (33.2 lbf ft) Loctite®243™
Screw, foot brake lever	M10	45 Nm (33.2 lbf ft) Loctite®243™
Screw, front wheel spindle	M10	40 Nm (29.5 lbf ft) Loctite®243™
Screw, handlebar support	M10	40 Nm (29.5 lbf ft) Loctite®243™
Screw, top shock absorber	M10	45 Nm (33.2 lbf ft) Loctite®243™
Nut, swingarm pivot	M12x1	40 Nm (29.5 lbf ft)
Nut, rear wheel spindle	M14x1.5	40 Nm (29.5 lbf ft)
Nut, steering head	M20x1.5	10 Nm (7.4 lbf ft)

Engine oil, 2-stroke

Standard/classification

- JASO FD (📖 p. 28)

Guideline

- Only use high-grade 2-stroke engine oil from a reputable brand.

fully synthetic

Recommended supplier

MOTOREX®

- Cross Power 2T

Super unleaded (ROZ 95)

Standard/classification

- DIN EN 228 (ROZ 95)

Guideline

- Only use super unleaded fuel that matches or is equivalent to the specified standard.
- Fuel with an ethanol content of up to 10% (E10 fuel) is safe to use.



Info

Do **not** use fuel containing methanol (e.g., M15, M85, M100) or more than 10% ethanol (e.g., E15, E25, E85, E100).

Super unleaded (95 octane) mixed with 2-stroke engine oil (1:60)

Standard/classification

- DIN EN 228
- JASO FD (📖 p. 28) (1:60)

Mixture ratio

1:60	Engine oil, 2-stroke (📖 p. 26) Super unleaded (ROZ 95) (📖 p. 26)
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Recommended supplier

MOTOREX®

- Cross Power 2T

Long-life grease

Recommended supplier

MOTOREX®

– Bike Grease 2000

JASO FD

JASO FD is a classification for a 2-stroke engine oil that was specifically developed for the extreme demands of racing. Thanks to first-rate synthetic esters and specially designed additives, superb combustion is achieved even under extreme operating conditions.



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25.03.2024

