

SETUP INSTRUCTIONS 2008

Package for ATV

450 XC ATV

525 XC ATV

ART. NO. 3211187en



KTM

The work described in the setup instructions must be performed before delivery to the customer.

Read the setup instructions before starting work.

Print the current **PDI** form from **KTM DEALER.NET**.

These setup instructions corresponded to the latest state of this series at the time of printing. However; we reserve the right to make changes resulting from continuing development and design without correcting these setup instructions.

No description of general workshop procedures is provided. Safety regulations common in everyday workshop procedures are also not mentioned. It is assumed that the work will be undertaken by a fully trained mechanic.

All specifications are not binding. KTM Sportmotorcycle AG in particular reserves the right to modify or delete technical specifications, prices, colors, forms, materials, services, designs, equipment, etc., without prior notice and without specifying reasons, to adapt these to local conditions, as well as to stop production of a particular model without prior notice. KTM accepts no liability for delivery options, deviations from illustrations and descriptions, as well as printing and other errors. The models portrayed partly contain special equipment that does not belong to the regular scope of delivery.

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ISO 9001(12 100 6061)

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Issued by: TÜV Management Service

REG.NO. 12 100 6061

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5230 Mattighofen, Austria

Symbols used

The symbols used are explained in the following.



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).



Identifies a page reference (more information is provided on the specified page).

Formats used

The typographical and other formats used are explained in the following.

Eigename	Identifies a specific name.
Name[®]	Identifies a protected name.
Marke[™]	Identifies a brand in merchandise traffic.

Unpacking and assembling the vehicle



- Remove box and foils.
- Check the vehicle for transport damage.
- Take the vehicle off the pallet.
- Unpack the by-pack kit and with the help of the list of contents, check that the delivery is complete.
- Remove the rear fender. (☛ P. 4)



Warning

Risk of injury Battery acid and battery gases cause serious cauterization.

- Keep batteries out of the reach of children.
- Wear suitable protective clothing and goggles.
- Avoid contact with battery acid and battery gases.
- Keep the battery away from sparks or open fire. Charge only in well ventilated rooms.
- In the event of skin contact, rinse with large amounts of water. If battery acid gets in the eyes, rinse with water for at least 15 minutes and contact a doctor.

- Fill the battery.



Info

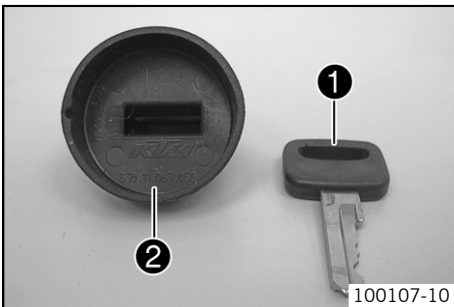
Read the notes in the battery by-pack kit.

- Recharge the battery. (☛ P. 5)
- Install the battery. (☛ P. 6)
- Print out the current **PDI** form from **KTM DEALER.NET** and carry out the post-delivery inspection.
- Insert the ignition key ❶ in the key cover cap ❷.

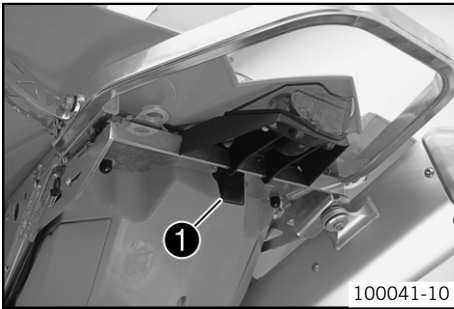


Info

The key cover cap is in the tool set supplied.
Read the mounting instructions on the inside of the key cover cap.

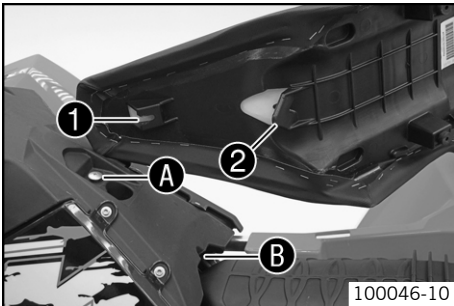


Removing the seat

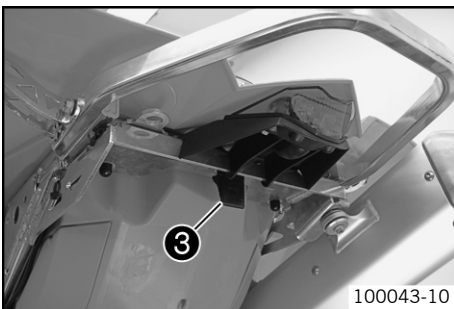


- Pull the release hook ❶ back. Lift up the seat at the rear, pull it back and then remove from above.

Mounting the seat

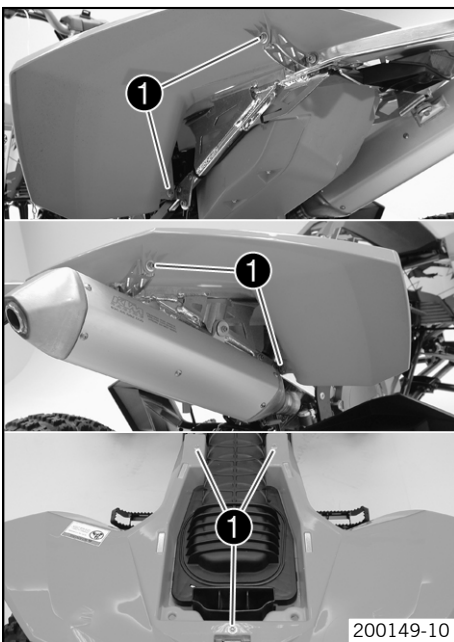


- Check parts for damage and wear. Replace damaged or worn parts.
- Hook the slot ❶ on the seat into the collar sleeve A of the fuel tank, lower the rear of the seat and slide the tab ❷ under the fuel tank B.

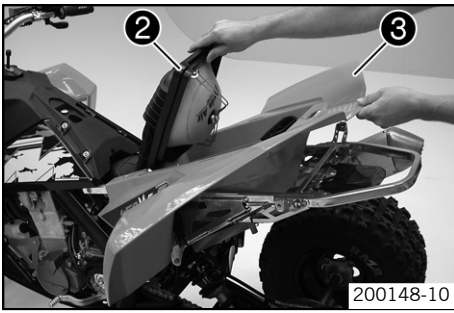


- Push down the rear of the seat until the release hook ❸ engages.
- Make sure that the seat is correctly locked in.

Removing the rear fender

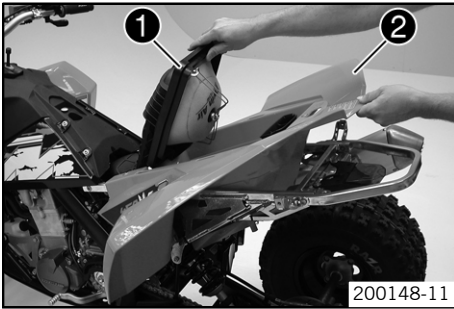


- Remove the seat (☞ P. 4)
- Remove screws ❶. Remove the collar sleeves.

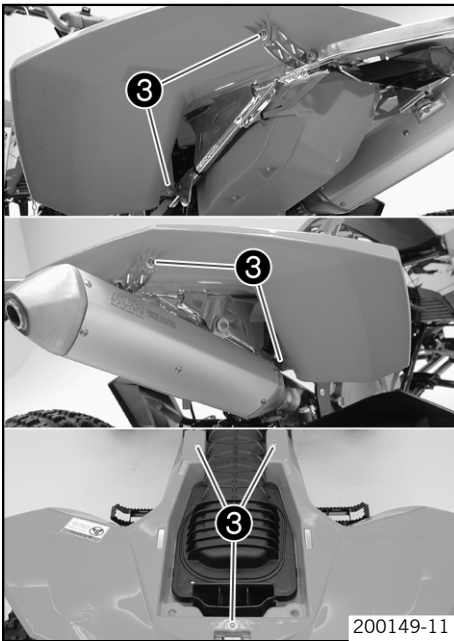


- Raise the rear of the air filter box lid ②. At the same time, use your other hand to press on the carburetor connection boot to kink it at that location. This prevents the carburetor connection boot from disconnecting from the carburetor.
- Raise the fender ③ at the rear and remove it.

Installing the rear fender



- Check parts for damage and wear. Replace damaged or worn parts.
- Raise the rear of the air filter box lid ①. At the same time, use your other hand to press on the carburetor connection boot to kink it at that location. This prevents the carburetor connection boot from disconnecting from the carburetor.
- Position the front fender ②.
- Fix the air filter box lid in the fender.



- Fit and tighten screws ③ with collar sleeves.

Specification

Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
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- Mount the seat (P. 4)

Recharging the battery



Warning

Risk of injury Battery acid and battery gases cause serious cauterization.

- Keep batteries out of the reach of children.
- Wear suitable protective clothing and goggles.
- Avoid contact with battery acid and battery gases.
- Keep the battery away from sparks or open fire. Charge only in well ventilated rooms.
- In the event of skin contact, rinse with large amounts of water. If battery acid gets in the eyes, rinse with water for at least 15 minutes and contact a doctor.



Warning

Environmental hazard Components and battery acid are a danger to the environment.

- Do not dispose of batteries in normal household waste. Take defective or used batteries to a battery recycling operator.



Warning

Environmental hazard Problem materials cause environmental damage.

- Dispose of oil, grease, filters, fuel, cleaning substances, brake fluid, batteries, etc. according to regulations.

i Info

Even if there is no load on the battery, it loses power every day. The charge state and the type of charge are very important for the service life of the battery. Fast recharging with a high charge current shortens the battery's service life. If the charge current, the charge voltage and the charge time are exceeded, electrolyte escapes through the breathing holes. The battery capacity is then reduced. If the battery is discharged from starting, it must be recharged immediately. If it stands for a long time in a discharged state, the battery becomes over-discharged and sulfated, and then it is destroyed. The battery is maintenance-free, i.e., the acid level does not have to be checked.

- Switch off all power-consuming components and switch off the engine.
- Remove the rear fender. (☛ P. 4)
- Disconnect the minus (negative) cable of the battery to avoid damage to the vehicle's electronics.
- Connect the battery charger to the battery. Switch on the battery charger.

Battery charger (58429074000)

You can also use the battery charger to test rest potential and start potential of the battery, and to test the generator. With this device, you cannot overcharge the battery.

i Info

Never remove the lid **1**. Charge the battery according to the instructions **2** on the battery casing.

- Switch off the charger after charging. Disconnect the battery.

Specification

The charge current, charge voltage and charge time must not be exceeded.

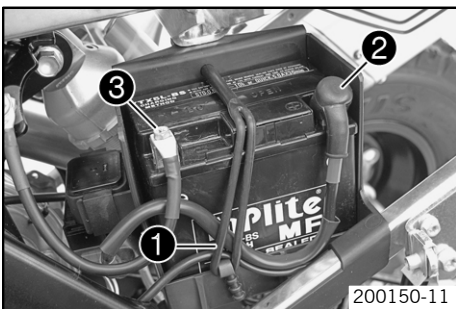
Charge the battery regularly when the vehicle is not in use.	3 months
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- Install the rear fender. (☛ P. 5)



100087-10

Installing the battery



200150-11

- Check parts for damage and wear. Replace damaged or worn parts.
- Place the battery in the battery holder.

4Ah battery (YTX5L-BS)

- Reconnect the rubber band **1**.
- Attach the plus cable and replace the plus pole cover **2**.
- Connect the negative (minus) cable **3** of the battery.
- Install the rear fender. (☛ P. 5)

Remaining nuts, chassis	M6	15 Nm (11.1 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	–
Screw on fuel tank	M6	6 Nm (4.4 lbf ft)	–
Screw, rear brake caliper	M6	10 Nm (7.4 lbf ft)	Loctite® 243™
Screw, foot brake cylinder	M6	7 Nm (5.2 lbf ft)	Loctite® 243™
Screw, clamping nut, rear axle	M6	10 Nm (7.4 lbf ft)	–
Remaining nuts, chassis	M8	30 Nm (22.1 lbf ft)	–
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)	–
Screw, front brake disc	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, rear brake disc	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, front brake caliper	M8	20 Nm (14.8 lbf ft)	Loctite® 243™
Screw, rear brake caliper	M8	20 Nm (14.8 lbf ft)	Loctite® 243™
Screw, bearing support, steering	M8	25 Nm (18.4 lbf ft)	–
Screw, steering bridge	M8	20 Nm (14.8 lbf ft)	–
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)	–
Screw, subframe	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Screw, rear wheel eccentric element	M8	20 Nm (14.8 lbf ft)	–
Nut, ball head, A-arm top	M10x1,25	35 Nm (25.8 lbf ft)	–
Nut, rear sprocket screw	M10x1,25	45 Nm (33.2 lbf ft)	Loctite® 243™
Nut, tie rod end	M10x1,25	45 Nm (33.2 lbf ft)	–
Wheel nut	M10x1,25	45 Nm (33.2 lbf ft)	–
Nut, handlebar support	M10	45 Nm (33.2 lbf ft)	–
Remaining nuts, chassis	M10	50 Nm (36.9 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)	–
Engine carrying screw	M10	60 Nm (44.3 lbf ft)	–
Screw, A-arm top	M10x52	45 Nm (33.2 lbf ft)	–
Screw, A-arm bottom	M10x70	45 Nm (33.2 lbf ft)	–
Screw, front shock absorber	M10	45 Nm (33.2 lbf ft)	–
Screw, footrest	M10	45 Nm (33.2 lbf ft)	–
Screw, steering column at bottom of steering lever	M10	25 Nm (18.4 lbf ft)	–
Engine bracket screw	M10	60 Nm (44.3 lbf ft)	–
Nut, A-arm top	M12x1,25	30 Nm (22.1 lbf ft)	–
Lock nut, tie rod, outside	M12x1,25	20 Nm (14.8 lbf ft)	–
Lock nut, tie rod, inside	M12LHx1,25	20 Nm (14.8 lbf ft)	–
Nut, ball head, A-arm bottom	M12x1,5	40 Nm (29.5 lbf ft)	–
Nut, front wheel hub	M12	70 Nm (51.6 lbf ft)	–
Screw, rear top shock absorber	M12	60 Nm (44.3 lbf ft)	–
Screw, rear bottom shock absorber	M12	70 Nm (51.6 lbf ft)	–
Nut, swingarm pivot	M16x1,5	100 Nm (73.8 lbf ft)	–
Nut, rear wheel hub	M18x1,5	130 Nm (95.9 lbf ft)	–
Screw, steering column, top	M20x1,5	25 Nm (18.4 lbf ft)	–
Screw, steering column, bottom	M20x1,5	40 Nm (29.5 lbf ft)	–
Clamping nut, rear axle	2"-10UNS-2B-LH	25 Nm (18.4 lbf ft)	Only applies when using: Open-end wrench accessory 46mm (83019010461)



3211187en



7/2007 Photo Mitterbauer



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