

## CRATE CONTENTS LIST / SET UP INSTRUCTION

125/200/250/300 SX,SXS,EXC,XC,XC-W,250 SX-F 2006

250/400/450/525 SX, EXC, XC RACING 2006

Art.Nr.: 3.211.97 (Verpackung 1 und 2)



### CRATE CONTENTS LIST:

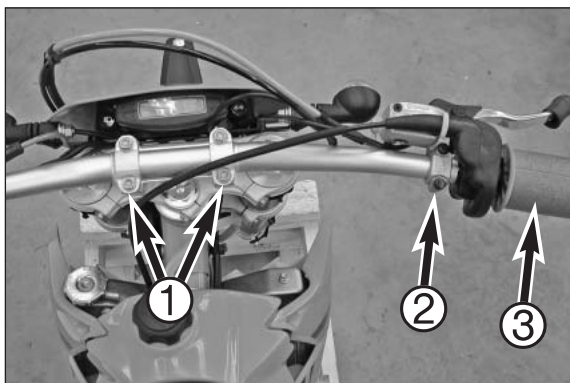
- 1 Motorcycle in state as shipped
  - 1 Front wheel
  - 1 Folder of documents containing Owner's Handbook and Spare Parts Manual
  - 1 Key for steering head lock
  - 1 Footrest set consisting of:
    - 1 left footrest
    - 1 right footrest
    - 2 retaining bolts
    - 2 springs
    - 2 split pins with washers
  - 1 Kit "Umrüstung"
  - 1 Kit "Zubehör"
  - 1 Front fender
  - 1 Number plate carrier short
- EXC-Racing Models only:
- 1 Battery
- SX-Models only:
- 1 Plug-in-stand

### SET UP INSTRUCTIONS:



- Remove crate.
- Remove all of the packaged parts from the motorcycle and check the scope of supply (see above).
- Remove the protective film, unpack the handlebar and hand brake cylinder.





- Mount the handlebar, apply Loctite 243 to the thread and tighten the handlebar clamps ❶ to 20 Nm.
- Mount the hand brake cylinder ❷, apply Loctite 243 to the thread and tighten to 10 Nm.

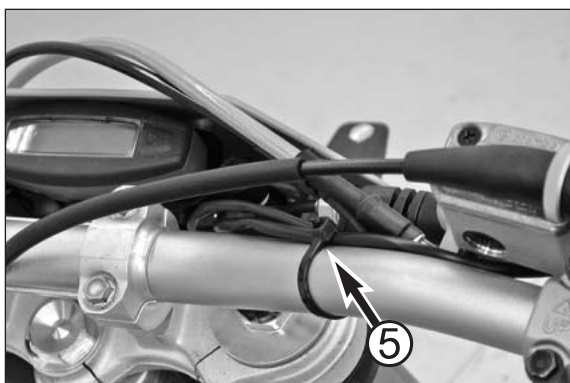
! **CAUTION** !

Do NOT ACTUATE THE HAND BRAKE CYLINDER UNTIL THE FRONT WHEEL AND BRAKE DISK HAVE BEEN MOUNTED.

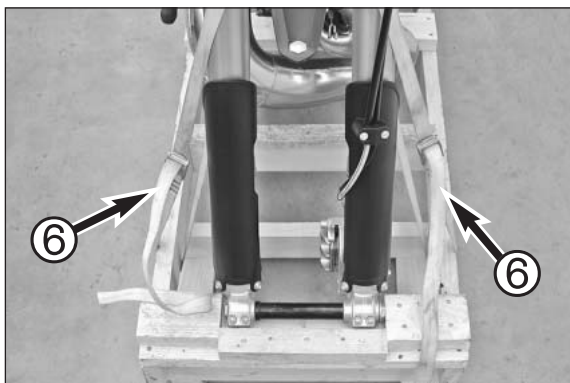
NOTE: do not pull off the grip protector ❸ until you are finished working.



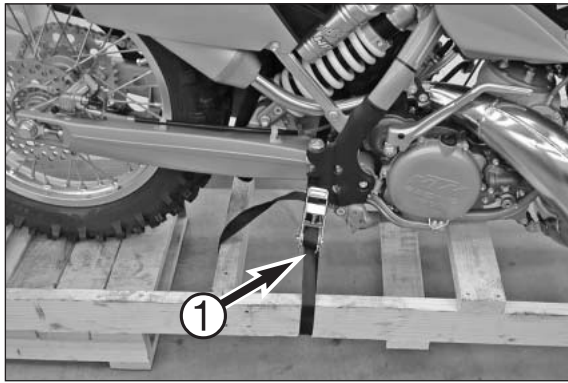
- Attach the cable and clutch line and the distance bushing ❹ (included in the kit "Umrüstung") to the handlebar with a cable clip.



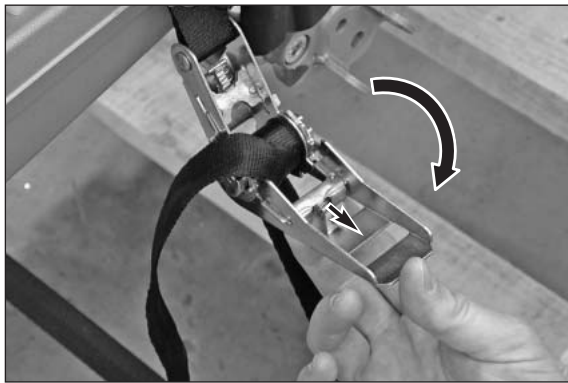
- Attach the cable to the handlebar with a cable clip ❺.



- Carefully loosen the front tensioning straps ❻ and remove.



- Carefully relieve the rear tensioning strap ❶ and remove while holding the motorcycle handlebar.

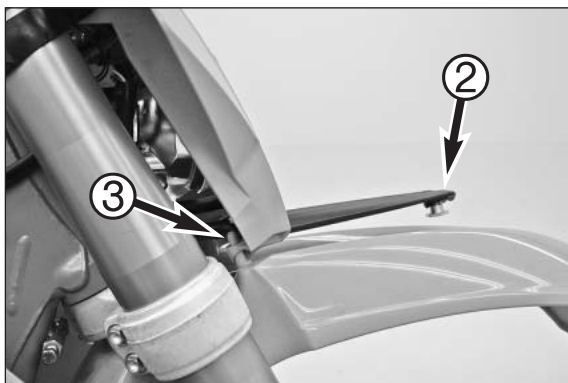


NOTE: to loosen the tensioning strap, first pull the lock towards the outside (away from the drum; small arrow) and then fold the handle down.

**! CAUTION !**

THE TENSION ON THE STRAP IS RELEASED AT ONCE, IT CANNOT BE GRADUALLY RELEASED.

- Have someone help you lift the motorcycle from the pallet onto a suitable bike stand.



- Loosen the nut on the fender brace ❷ and insert the retaining pins ❸ on the fender into the recess in the headlight mask from below.
- Screw the nut back onto the fender brace and tighten.



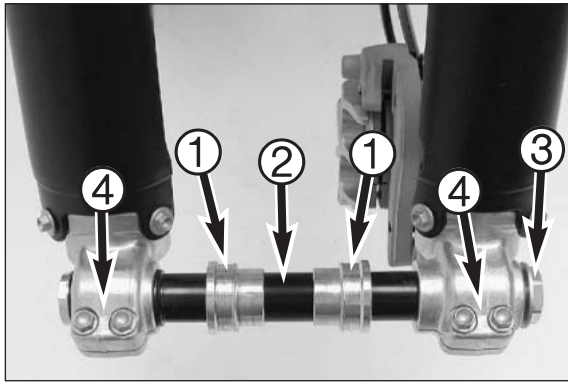
- Screw on the 4 fender fixing screws (M6x20, included in the kit "Umrüstung") and tighten.

NOTE: the distance bushings are located in the fender bores.



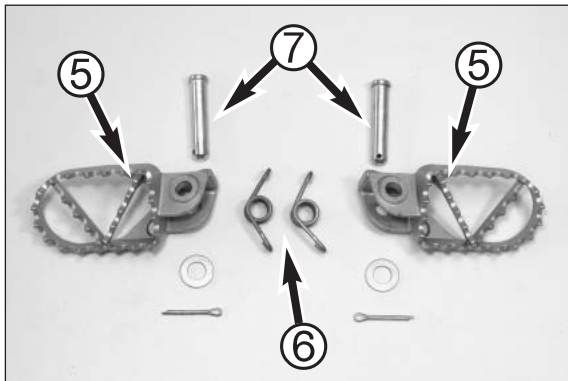
- Loosen the clamping screws on the fork leg axle passages and remove the wheel spindle.

NOTE: before you lift the front wheel into the fork, make sure the brake pads are pressed completely apart.



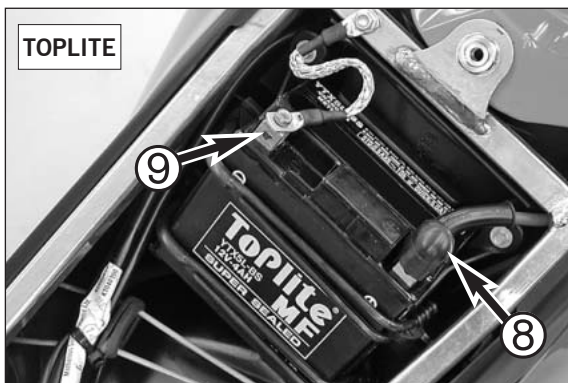
### Mounting the front wheel

- Grease both distance sleeves ① and insert them into the sealing ring of the front wheel with the collar facing outwards. Position the front wheel and slide in the wheel spindle ②.
- Tighten the collar nut ③ to 40 Nm, take the motorcycle from the stand, briskly compress the fork several times and afterwards tighten the clamping bolts of the fork stubs ④ to 15 Nm.



### Mounting footrests

- Position footrests ⑤ with spring ⑥ to the frame and secure it, using bolts ⑦. Slide on the washers and use the splits pin to secure it. Bend down the split pin's ends.



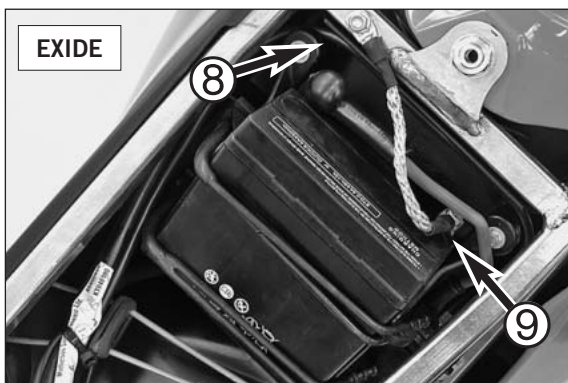
### Fitting the battery (EXC Racing models only)

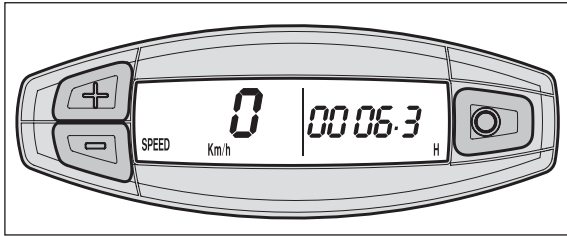
- Fill the battery, following the instructions specified on the enclosed leaflet.

! **CAUTION** !

BATTERY ACID IS HIGHLY CORROSIVE. BEFORE FILLING THE BATTERY, BE SURE TO READ THE SAFETY INFORMATION ON THE ENCLOSED LEAFLET!

- After filling the battery acid, set the battery aside for 30 minutes before mounting the caps.
- Charge as described in the charging instructions written on the battery.
- Dismount the seat (see Owners Manual).
- Insert the battery into the battery box, making sure that the positive and the negative terminals are in the correct position (see photo). If the battery is mounted with the terminals at the wrong side, battery acid may flow out causing damages.
- Fix the battery with the rubber elements.
- First screw on the positive terminal ⑧ then the negative terminal ⑨.
- Mount the seat.



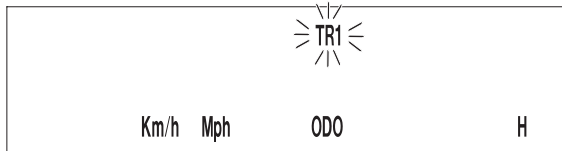


## Setting the clock

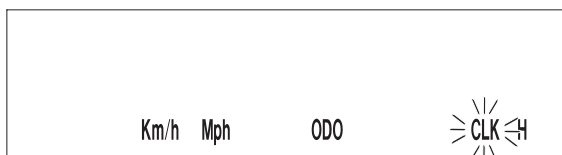
NOTE: the "clock" display mode is not activated in the condition at delivery since it is not always useful to have all of the functions displayed at the same time.



- Press the **○** button. The electronic speedometer will switch on; after the test display and the wheel size (WS) appear, press the **○** button until the SPEED/H display appears.



- In the SPEED/H mode, press and hold the **○** button for 3 seconds to access the SETUP menu; display "TR1" starts to blink.

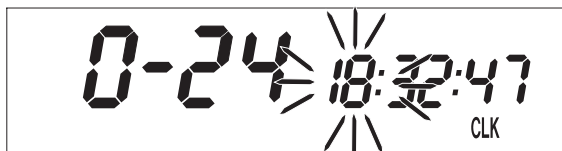


- Press the **○** button until the "CLK" (Clock) display starts to blink.
- Press the **+** button to activate the "CLK".
- Press and hold the **○** button for 3 seconds to store the setting.

NOTE: if no button is pressed for 20 seconds, the setting will be stored automatically.



- Press the **○** button until the "SPEED/CLK" display appears.



- Press and hold the **○** button for 3 seconds until the "hour" display starts to blink.
- The blinking digits can be changed using the **+** and **-** buttons. Press the MODE button to move to the next digit ("minutes", "seconds" and "12/24-hour" display).
- Press and hold the MODE button for 3 seconds to store the setting and return to the SPEED/H mode.

NOTE: if no button is pressed for 20 seconds, the setting will be stored automatically.



## PRE DELIVERING INSPECTION

The following checks must be done before delivering the vehicle:

- Check engine/gear oil level - do not drain the running in oil filled in the factory! First engine oil change at 500 - 650 Miles (observe maintenance check sheet).
- Check brake fluid level of front and rear brake system, top up and bleed if necessary.
- Check clutch fluid level
- Check tyres and wheels, check air pressure. (off road:14 psi front, 14 psi rear, on road: 21 psi front, 28 psi rear)
- Check installation of bowden cables, adjust cable clearance if necessary.
- Check coolant fluid level, top up if necessary.
- Check clutch fluid level, top up if necessary.
- Check idle speed and function of choke, adjust if necessary.
- Check front and rear wheel suspension and damping for operation.
- Check electric installation and lighting equipment for operation.
- Check chain tension, adjust if necessary.
- Check sidestand for correct function.
- Check steering head bearing for correct adjustment.
- Check correct torque of nuts and bolts, nut of the front wheel spindle, clamping bolts of the fork stubs, swing arm bearing pin, rear wheel nut, engine brackets, sidestand fixings, rear sub frame fixings, rear shock absorber fixings, handlebar mountings, carburator hose clamps.
- Final check including a road test drive paying attention to road safety: steering, brakes, gear shift, clutch, lighting, indicator devices, warning lights, instruments.
- After test drive check engine and fuel supply system for leaks.
- Check vehicle for any changes in condition in accordance with instructions from KTM Sportmotorcycle AG.

TIGHTENING TORQUES - CHASSIS		
Collar screw, front wheel spindle	M24x1,5	40 Nm
Brake caliper, front	M8	Loctite 243 + 25 Nm
Brake caliper, front radial	M10x1,5	Loctite 243 + 40 Nm
Brake disk, front/rear	M6	Loctite 243 + 10 Nm
Clamping screws, top triple clamp SX/SXS/SX-F	M8	15 Nm
Clamping screws, bottom triple clamp SX/SXS/SX-F	M8	10 Nm
Clamping screws, top triple clamp XC/XC-W/EXC	M8	20 Nm
Clamping screws, bottom triple clamp XC/XC-W/EXC	M8	15 Nm
Clamping screws, fork stubs	M8	15 Nm
Collar nut, rear wheel spindle	M20x1,5	80 Nm
Hexagon nut, swing arm bolt	M14x1,5/M16x1,5	100 Nm
Hexagon collar screw, handlebar clamp	M8	Loctite 243 + 20 Nm
Allan head screw, handlebar support	M10	Loctite 243 + 40 Nm
Shock absorber, top/bottom	M12	80 Nm
Sprocket nuts	M8	Loctite 243 + 35 Nm
Ball joint for push rod	M6	Loctite 243 + 10 Nm
Engine mounting bolt	M10	60 Nm
Engine brace	M8	33 Nm
Screw adjusting ring spring preload shock abs	M6	8Nm
Spoke nipple	M4,5 / M5	4-6 Nm
Hexagon screw for steering head	M20x1,5	10 Nm
AH screw for subframe	M8	Loctite 243 + 35 Nm
Rim lock	M8	10 Nm
Hexagon collar nut for seat mounting	M12x1	20 Nm
Other screws on chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other collar nuts on chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm