









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Symbols used

The symbols used are explained in the following.

-
- | | |
|--|---|
|  | Identifies an expected reaction (e.g. to a work step or a function). |
|  | Identifies an unexpected reaction (e.g. to a work step or a function). |
|  | Identifies 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. |
|  | Identifies a voltage measurement. |
|  | Identifies a current measurement. |
|  | Identifies a resistance measurement. |
-

Formats used

The typographical and other formats used are explained below.

-
- | | |
|--------------------------|--|
| Specific name | Identifies a proprietary name. |
| Name[®] | Identifies a protected name. |
| Brand[™] | Identifies a brand available on the open market. |
-

Warranty

The work prescribed in the service schedule must be carried out by an authorized KTM workshop only and confirmed in the customer's service record and in the **KTM dealer.net**; otherwise, all warranty claims will be void. No warranty claims can be considered for damage resulting from manipulations and/or alterations to the vehicle.

Fuel, oils, etc.

You should use the fuels, oils and greases according to specifications as listed in the repair manual.

Spare parts, accessories

Only use spare parts and accessories approved and/or recommended by KTM. KTM accepts no liability for other products and any resulting damage or loss.

The current **KTM PowerParts** for your vehicle can be found on the KTM website.
International KTM Website: <http://www.ktm.com>

Work rules

Special tools are required for some work. These are not part of the vehicle standard equipment, but they can be ordered with the item number stated in parentheses. Ex.: bearing puller (15112017000)

When the vehicle is assembled, non-reusable parts (e.g., self-locking screws and nuts, gaskets, seal rings, O-rings, splints, lock washers) must be replaced with new parts.

Where thread lockers are used on screw connections (e.g., **Loctite**®), follow the instructions for use from the manufacturer.

After disassembly, clean the parts that are to be reused and check them for damage and wear. Replace damaged or worn parts.

After you complete the repair or maintenance work, check the roadworthiness of the vehicle.

Notes/warnings

Pay close attention to the notes/warnings.



Info

Various information and warning labels are affixed to the vehicle. Do not remove information/warning labels. If they are missing, you or others may not recognize potential hazards and may therefore be injured.

Grades of risks



Danger

Identifies a danger that will immediately and invariably lead to fatal or serious permanent injury if the appropriate measures are not taken.



Warning

Identifies a danger that is likely to lead to fatal or serious injury if the appropriate measures are not taken.



Caution

Identifies a danger that may lead to minor injuries if the appropriate measures are not taken.

Note

Identifies a danger that will lead to considerable machine and material damage if the appropriate measures are not taken.



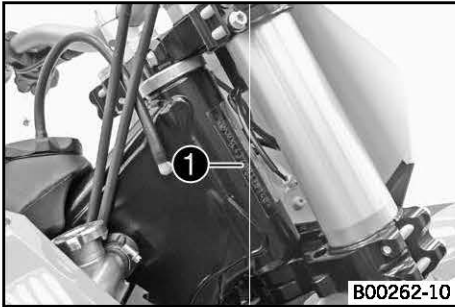
Warning

Identifies a danger that will lead to environmental damage if the appropriate measures are not taken.

Repair manual

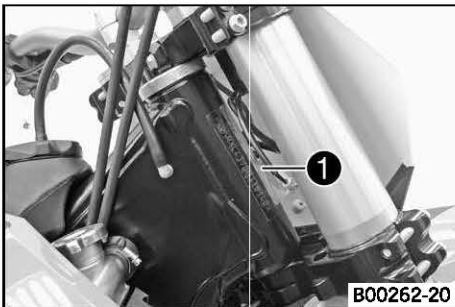
- It is imperative that you read this owner's manual carefully and completely before the start of work. It contains useful information and many tips on how to repair and maintain your vehicle.
- This manual assumes that the necessary special KTM tools and workplace and workshop equipment are available.

Chassis number



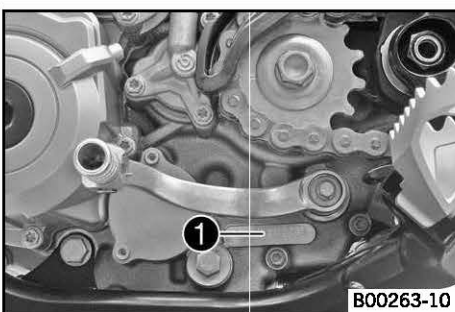
The chassis number ❶ is stamped on the right side of the steering head.

Type label



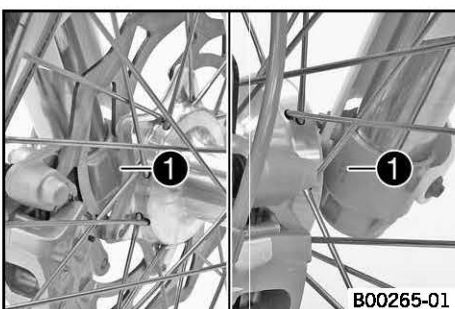
The type label ❶ is fixed to the front of the steering head.

Engine number



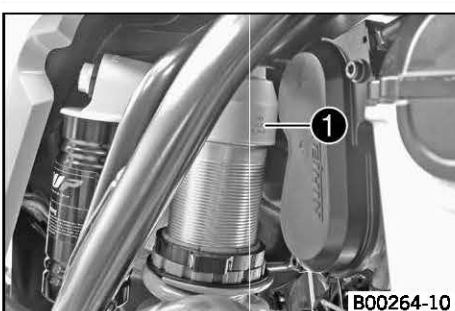
The engine number ❶ is stamped on the left side of the engine under the engine sprocket.

Fork part number



The fork part number ❶ is stamped on the inner side of the axle clamp.

Shock absorber part number



The shock absorber part number ❶ is stamped on the top of the shock absorber above the adjusting ring on the engine side.

Raising the motorcycle with the lift stand

Note

Danger of damage The parked vehicle may roll away or fall over.

- Always place the vehicle on a firm and even surface.



- Raise the motorcycle at the frame underneath the engine.
 - ✓ The wheels must no longer touch the ground.
- Secure the motorcycle against falling over.

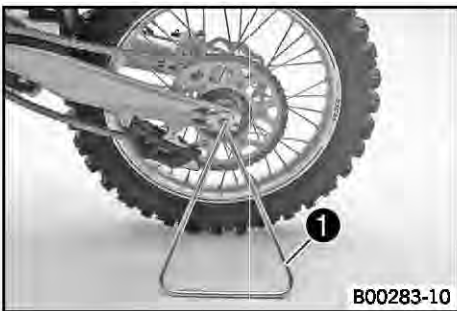
Lift stand (54829055000) (☛ p. 200)

Removing the motorcycle from the lift stand

Note

Danger of damage The parked vehicle may roll away or fall over.

- Always place the vehicle on a firm and even surface.



- Remove the motorcycle from the lift stand.
- Remove the lift stand.
- To park the motorcycle, insert plug-in stand ● into the left side of the wheel spindle.



Info

Remove the plug-in stand before starting on a trip.

Starting



Danger

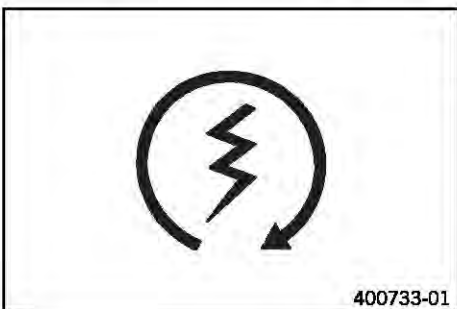
Danger of poisoning Exhaust gases are poisonous and inhaling them may result in unconsciousness and/or death.

- When running the engine, always make sure there is sufficient ventilation, and do not start or run the engine in an enclosed space without an effective exhaust extraction system.

Note

Engine failure High engine speeds in cold engines have a negative effect on the service life of the engine.

- Always warm up the engine at low engine speeds.



- Remove the motorcycle from the stand.
- Shift gear to neutral.

Condition

Ambient temperature: < 20 °C (< 68 °F)


- Pull the idle speed adjusting screw all the way out.
- Press the electric starter button.




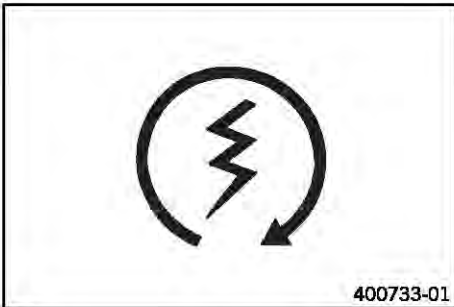
Info


Do not open the throttle to start. Press the starter for a maximum of 5 seconds. Wait for at least 5 seconds before trying again. Warning lamp FI lights up briefly as a functional control when starting.


Starting the motorcycle for a check

-  **Danger**
Danger of poisoning Exhaust gases are poisonous and inhaling them may result in unconsciousness and/or death.
- When running the engine, always make sure there is sufficient ventilation, and do not start or run the engine in an enclosed space without an effective exhaust extraction system.

-  **Info**
Press the starter for a maximum of 5 seconds. Wait for at least 5 seconds before trying again.

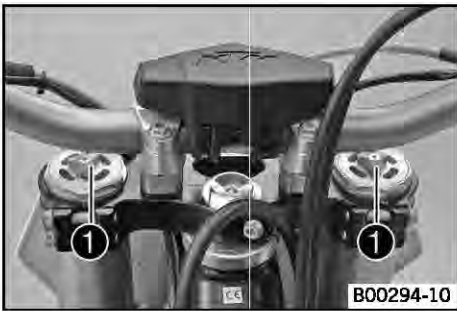


- Shift gear to neutral.
- Press the electric starter button .

-  **Info**
Do not open the throttle.

Adjusting the compression damping of the fork

i Info
The hydraulic compression damping determines the fork suspension behavior.



- Turn adjusting screws ❶ clockwise all the way.

i Info
Adjusting screws ❶ are located at the top end of the fork legs. Make the same adjustment on both fork legs.

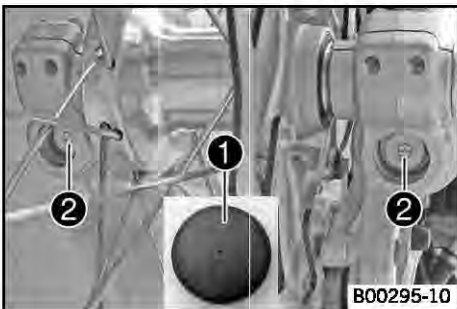
- Turn back counterclockwise by the number of clicks corresponding to the fork type.

Compression damping	
Comfort	14 clicks
Standard	12 clicks
Sport	10 clicks

i Info
Turn clockwise to increase damping; turn counterclockwise to reduce damping.

Adjusting the rebound damping of the fork

i Info
The hydraulic rebound damping determines the fork suspension behavior.



- Remove protection caps ❶.
- Turn adjusting screws ❷ clockwise all the way.

i Info
Adjusting screws ❷ are located at the bottom end of the fork legs. Make the same adjustment on both fork legs.

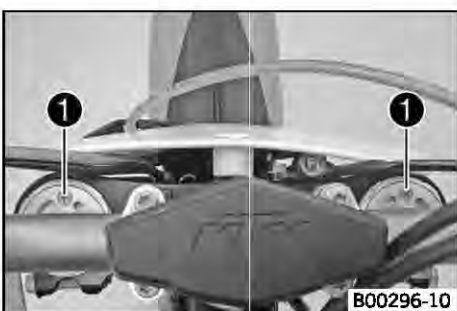
- Turn back counterclockwise by the number of clicks corresponding to the fork type.

Rebound damping	
Comfort	14 clicks
Standard	12 clicks
Sport	10 clicks

i Info
Turn clockwise to increase damping; turn counterclockwise to reduce damping.

- Mount protection covers ❶.

Bleeding the fork legs



- Raise the motorcycle with the lift stand. (☞ p. 8)
- Remove bleeder screws ❶ briefly.
 - ✓ Any excess pressure escapes from the interior of the fork.
- Mount and tighten bleeder screws.
- Remove the motorcycle from the lift stand. (☞ p. 8)