

SOFTWARE UPDATE FOR PRELOAD ADJUSTER

INFORMATION TYPE BULLETIN

AFFECTED MODELS:

2021 1290 SUPER ADVENTURE S

2022 1290 SUPER ADVENTURE S

2023 1290 SUPER ADVENTURE S

2022 1290 SUPER DUKE R EVO

2023 1290 SUPER DUKE R EVO

RESTRICTIONS: AFFECTED MODELS ARE LINKED BY VIN IN KTM DEALER.NET

BASIC INFORMATION:

In the course of continuous product improvement and further development, the software of the Preload adjuster of the above-mentioned models optimized in order to eliminate occasional positional errors or stalling. KTM therefore recommends updating the SCU (Suspension Control Unit) software.

The update has resulted in the following innovations:

- The end positions of the preload adjuster have been adjusted to prevent it from getting stuck in the end stop.
- The current output was increased to move off from the end stop.

NOTE:

A warranty claim can only be submitted in the event of a complaint. For this purpose, 15 minutes can be submitted for the working time, see Table 1.

It is not possible to replace a strut under warranty without first installing the latest software for the preload adjuster. The diagnostic log must be uploaded to Dealer Net.

PROCEDURE FOR REPAIR:

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 repair work will be performed by a fully trained mechanic who has completed training or has a corresponding qualification. In the event of uncertainty, the most recent repair manual must be consulted.

In the interest of clarity, some components may be shown disassembled or may not be shown at all. It is not always necessary to disassemble the component to perform the activity in question. Please follow the instructions in the text.

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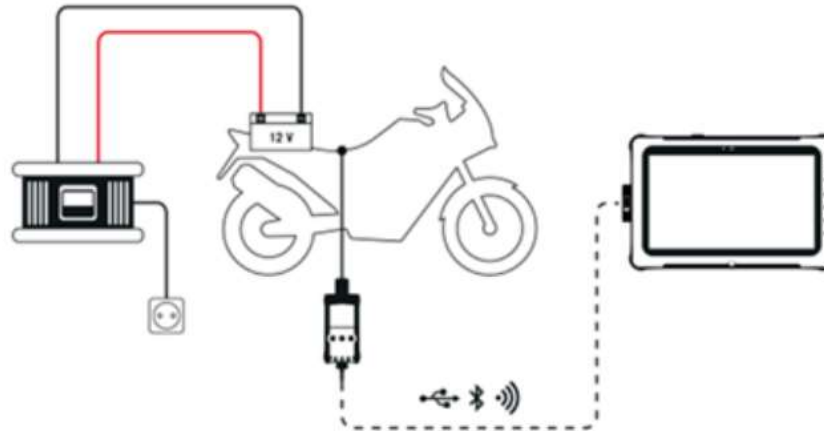
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SCU (Suspension Control Unit) update

1. Park the motorcycle on the side stand.
2. Connect the motorcycle to the diagnostics tool and external power supply (XCharge) as shown in Figure XC_2.



3. Update SCU (Suspension Control Unit).
4. After a successful update, switch off the ignition for at least 1 minute.
5. Switch on the ignition.
6. Select control unit diagnostics to perform the AutoScan.
7. Check the control unit for possible errors and correct model variant.
8. Correct the model variant if necessary.
9. Clear fault memory.
10. Perform factory calibration.

Table 1

Details for warranty application:	
Warranty type:	Manufacturer warranty
Damage code:	700 – Series improvement
Part causing failure:	00700005 - HS flat head screw M6x8 acc dr
Parts:	None
Documentation:	Upload diagnostic report
Labor time:	15 minutes - T3900204970
Are stock items affected	No

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