

VEHICLE INSPECTION AND UPDATES

AFFECTED MODEL: 2020 1290 SUPER DUKE R

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

INITIAL INFORMATION:

As a result of our active market monitoring and constant product improvement processes, we have determined that the items listed below on the 2020 1290 SUPER DUKE R should be inspected and updated in order to ensure the best functionality.

1. The cables for the exhaust flap may rest on the lock washer of the rear brake reservoir.
2. It is possible that the cables for the exhaust flap rest on the brake line for the rear brake.
3. The screw connection between the front header and the center silencer can become loose under extreme conditions.
4. Under frequent use, the screw connection on the housing of the spring preload handwheel may become loose.
5. It is possible that an error message for the exhaust valve control unit may appear because the triggering threshold is too low. This can trigger emergency mode in certain cases.

The instructions for points 1-5 are described below and on the following pages in detail. The deviations are not necessarily present on all vehicles; however, inspection of all vehicles is necessary.

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 with completed training or a corresponding qualification. In the event of uncertainty, the most recent repair manual should 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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1. Checking the contact point between the cables and the lock washer of the rear brake reservoir

- Check the lock washer in the area of the SAC cables (Fig. 1).
- If severe damage to the lock washer (61713069020) of the reservoir is visible, the lock washer should be replaced. **Note:** Create a separate warranty claim with the part number above and 15 minutes working time. The damage must be documented with photos.
- If necessary, turn the reservoir to the rear so there is no contact with the cables. For the tightening torque, see Table 1.

Note: Slight abrasions on the cable only indicate a minor optical defect and do not affect the functionality. If this is the case, do not replace the cables.



Fig. 1 – Checking the lock washer

Table 1 – Screw connections and torques

Component	Screw	Torque	Remark
Screw, reservoir, rear brake	M5	3.5 Nm	Medium strength thread lock (e.g., Loctite® 243™)

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2. Checking the contact point between the cables and the brake line

- Check the cable in the area of the brake line (Fig. 2, bottom arrow) for contact.
- Install the new clip next to the reservoir (Fig. 2, top arrow) (0340000900600) and align the cables so that no further contact points are created.

Note: Slight abrasions on the cable only indicate a minor optical defect and do not affect the functionality. If this is the case, do not replace the cables.



Fig. 2 – Cables in the area of the brake line

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3. Checking the exhaust system screw connection

- Check screw (2) on the front exhaust clamp for the premuffler (Fig. 3).
- Retighten the screw according to Table 2.
- If a leak is detected, the header gasket must be replaced. **Note:** Create a separate warranty claim with the part causing the fault (61705005005 – header gasket 54 mm) and 25 minutes working time. The damage must be documented with photos. Regular inspection of the exhaust clamp screw connection is included in the service schedule for MY 2021.

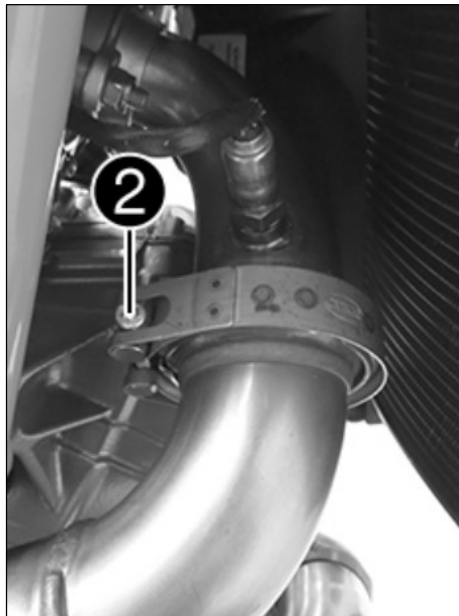


Fig. 3 – Header bracket, front exhaust system

Table 2 – Screw connections and torques

Component	Screw	Torque	Remark
Screw, premuffler exhaust clamp	M6	10 Nm	Copper paste

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4. Checking the screw connection on the housing of the spring preload handwheel

- Remove screws (4) and clean the thread (Fig. 4).
- Mount the screws according to Table 3.

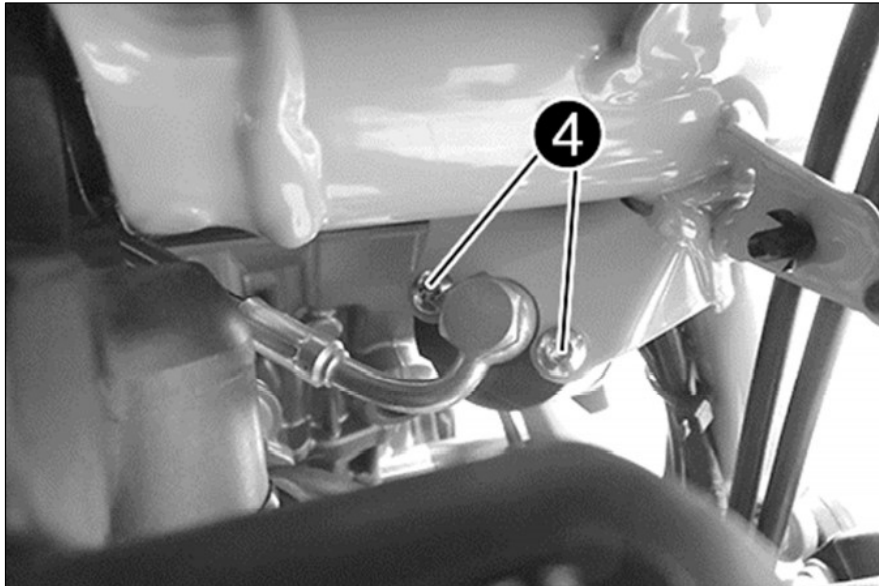


Fig. 4 – Screws on the housing of the spring preload handwheel

Table 3 – Screw connections and torques

Component	Screw	Torque	Remark
Screw, housing of spring preload handwheel (# 0738050082)	M5	5 Nm	Medium strength thread lock (e.g., Loctite® 243™)

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5. Correcting the error detection time of the exhaust valve control unit

- Connect the motorcycle to the XC_2 diagnostics tool and an external power supply (XCharge).
- Select the “Functions” menu in the control unit under “Exhaust valve control unit”.
- Select the “SAC Error detection time” function (Fig. 5).
- Execute function.
- Select control unit diagnostics to perform the AutoScan.
- Check the control unit for possible errors.
- Delete the fault memory if necessary.



Fig. 5 – XC_2 function “SAC Error detection time”

PARTS ORDERING:

Order the following part for each affected motorcycle.

1 QTY. 0340000900600 – plug clip

Please observe:

All authorized KTM dealers are requested to perform the inspection and make the replacement on all affected motorcycles they have in stock (see vehicle history) before these motorcycles are delivered to customers. Therefore, check the vehicle history of your stock vehicles in KTM Dealer.net.

Note:

It is assumed that only a small number of vehicles require the parts mentioned above for repairs. Therefore, the stockpiling of parts must be avoided; orders should only be made if necessary.

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WARRANTY INPUT INFORMATION:

This Technical Bulletin only affects certain VIN numbers! Please check the VIN by performing a Motorcycle History search in KTM Dealer.net to determine if it's affected. If the motorcycle is affected, you will see a link to the bulletin and its repair status in the history results. KTM North America will not warranty units whose VIN numbers are not linked as this bulletin does not apply to them. It is the responsibility of the dealer to determine if the unit requires this update by checking the vehicle history and understanding the instructions provided by this bulletin.

Please note that when entering a warranty claim on an affected model, you must perform a vehicle history search, expand the **Technical information** window and click the orange arrow on the right side of the corresponding bulletin message.

You can now choose the TI Number from the list. The TI number for this procedure is according to the repairs performed and listed in the warranty claim input information; click **Continue with selected action code**.

The Warranty Claim is automatically entered for you, including parts & labor. You must enter additional information in the required fields marked with an asterisk "*" before submitting the claim to KTM. The flat rate time for this repair is based on the action performed and provided in minutes.

Warranty type:
TI warranty
Component group:
05 – Exhaust system
Failure code:
700 – Series improvement
Failure causing part:
60113026000 – Cable holder 7/7 MM 06
Campaign code, parts, labor time:
Complete vehicle rework Action code: 05_1808152_00 Labor time: 50 minutes Parts: 1 QTY. 0340000900600 – plug clip
Are stock items affected: NO

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