

# EXCHANGE OF DOUBLE PIN ACTUATOR

## AFFECTED MODELS:

**2024 1390 SUPER DUKE R EVO**

**2025 1390 SUPER DUKE R EVO**

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

### BASIC INFORMATION:

During quality checks, it has been determined that the #A60036084000 - Double Pin Actuator on the rear cylinder head and on the front cylinder head may malfunction on the above vehicles. In order to prevent a possible malfunction, KTM instructs the replacement of the installed #A60036084000 - Double Pin Actuator with the improved component #A60036084100 - Double Pin Actuator.

Dealers must replace front and rear cylinder head Double Pin Actuator on all affected motorcycles in their inventory prior to any customer delivery. Please contact all of your customers who own affected motorcycles to have the Double Pin Actuator replacement procedure performed.

### 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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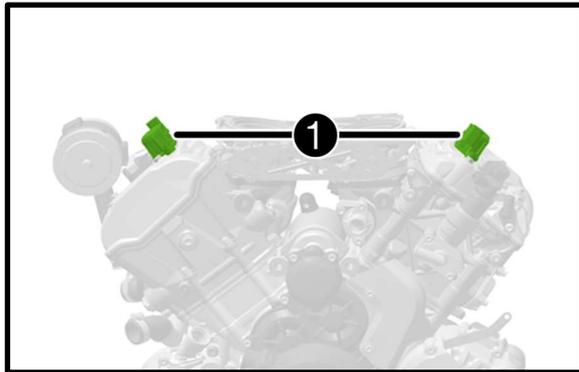
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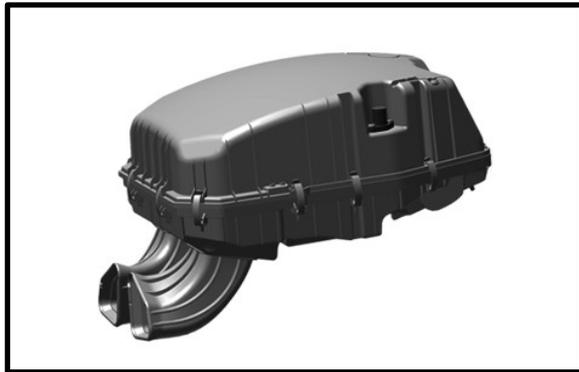
Replacing the double pin actuators on the front and rear cylinder heads:



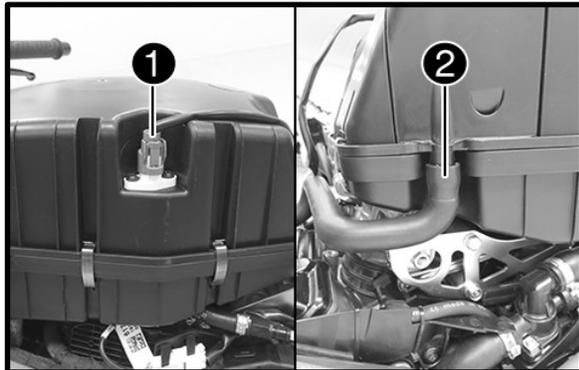
**REPLACING DOUBLE PIN ACTUATORS (DPA) (1)**

**Preparatory work**

- Remove the passenger seat.
- Remove the front rider's seat.
- Remove the spoilers.
- Remove the fuel tank.
- Remove the air filter box.

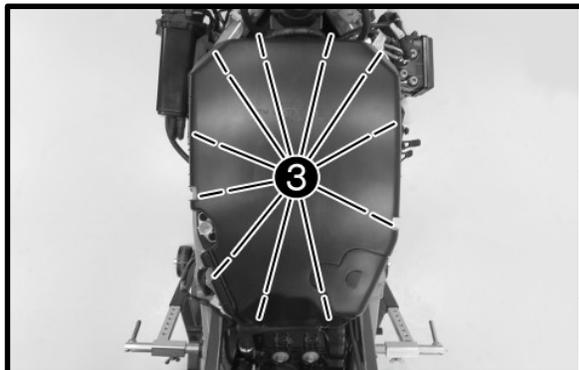


**Removing the Air Filter Box**



**Main work**

- Unplug connector, Intake Air Temperature (1).  
Release the cable.
- Release the vent hose spring clamp.  
Spring band clamps plier (60029057100)
- Pull off the vent hose (2).



- Open clamps (3).
- Remove the upper part of the air filter box.

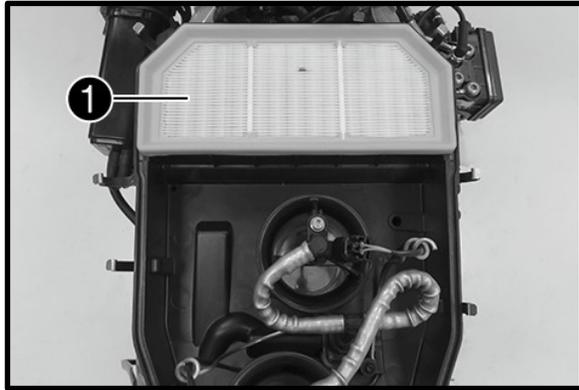
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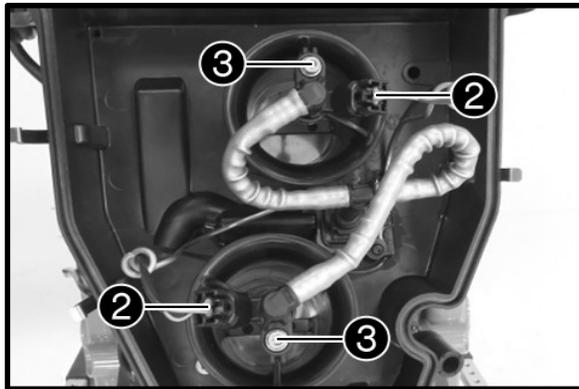
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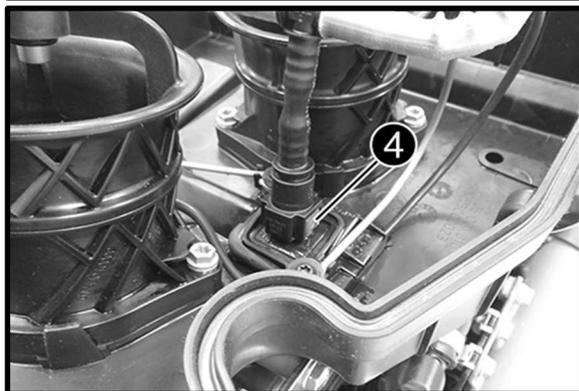




- Remove air filter (1).



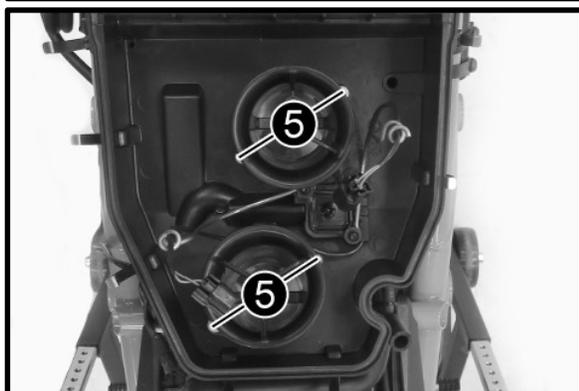
- Unplug connectors, Fuel Injectors (2).
- Remove screws (3).



- Disconnect fuel connection (4).
- Take off the fuel line.

**Info:** Under no circumstances should dirt enter the fuel line.  
Dirt in the fuel line clogs the injection valves!

**Info:** Remaining fuel may flow out of the fuel line.



- Remove screws (5).
- Remove the intake trumpet.

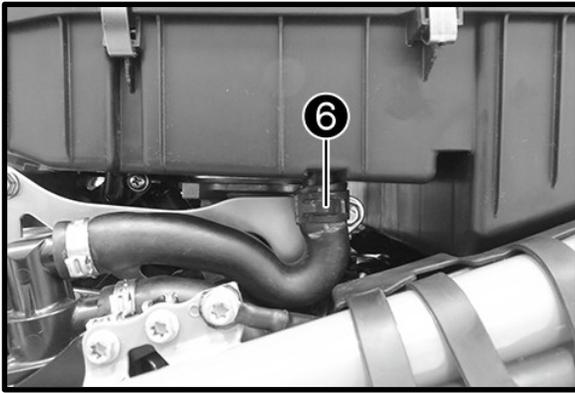
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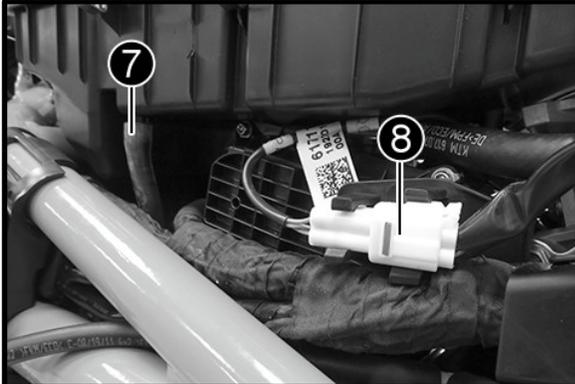
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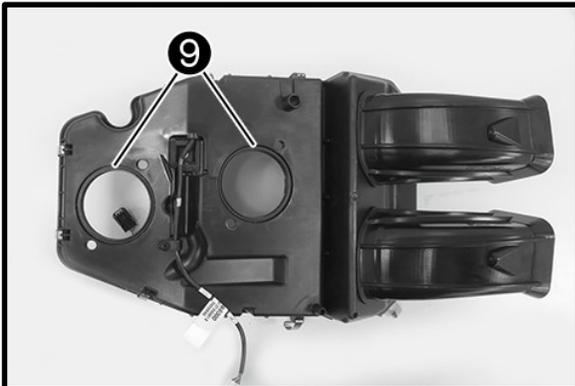




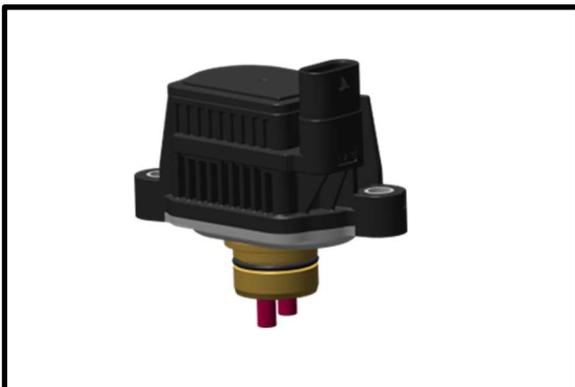
- Remove spring band clamp (6).  
**Spring band clamps plier (60029057100)**
- Pull off the SAS hose.



- Pull off vent hose (7).
- Expose and disconnect plug-in connector, Injector sub harness (8).
- Lift the lower part of the air filter box carefully.



- Remove the lower part of the air filter box with O-rings (9).



**The Double Pin Actuators are now accessible.**  
 New Replacement Double Pin Actuators Are:  
 Prefilled with oil.  
 Ready to install  
 Torque M5 to 5Nm

**DO NOT REMOVE VALVE COVERS**

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**PARTS ORDERING:**

Please order the following for each affected motorcycle:

2 QTY. A60036084100 - Double pin actuator

**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 motorcycles 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 motorcycle requires this update by checking the vehicle history and understanding the instructions provided by this bulletin.**

To submit a TI claim click the arrow on the right side of the corresponding technical information message to start the claim process.

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.

<b>Warranty type:</b>
TI - Warranty
<b>Assembly group:</b>
36 - Rear cylinder head and front cylinder head
<b>Failure code:</b>
900 - Damage assessment at the manufacturer
<b>Failure causing part:</b>
A60036084000 - Double pin actuator
<b>Action code, parts, labor:</b>
<b>Exchange of double pin actuator</b> <b>Action code: 36_2582062_00</b> <b>Working time: 80 minutes</b> <b>Parts: 2 QTY. A60036084100 - Double pin actuator</b>
<b>Are stock parts affected</b>
YES - stock #A60036084000 double pin actuator must be returned to KTM via PG&A claim.

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