

**RECALL: This modification has top priority and must be performed immediately to ensure customer safety**

**Subject: Inspection, Repositioning and Securing of the wiring harness routing and ground cable installation**

**Affected Models: 2012, 2013, 2014, 2015 and 2016 690 Duke**

## Initial Information:

- » KTM North America has determined that a defect which relates to motor vehicle safety exists with the 2012-2016 690 Duke models pertaining to the proper routing of the wiring harness. To ensure the highest level of safety, performance, reliability and customer satisfaction, it is necessary to check the condition of the wiring harness for visible damage around the area of the ABS modulator and also properly route the wiring harness by securing it according to the instructions in this bulletin to prevent contact that may occur between the wiring harness and ABS modulator. You must also attach a ground cable from the frame to the ABS modulator according to the instructions in this bulletin.
- » It has been determined that there is a possibility of an electrical connection being created via the brake line between the ABS modulator and vehicle ground. For this to occur the wiring harness must be frayed and must be in contact with the ABS modulator and the brake line must be electrically conductive. A conductive brake line can overheat and melt which can result in failure of the brake system circuit. This could lead to an accident which could cause injury or death to the rider or others.
- » To prevent the wiring harness from being frayed and to prevent an electrical connection that could create a brake failure the wiring harness must be inspected, repositioned, and secured using cable ties.
- » In addition to performing the inspection, repositioning, and securing a ground cable must also be mounted. For model years 2012-2015 please follow the instructions on pages 3 & 4. For model year 2016 please follow the instructions on pages 5 & 6.
- » KTM is notifying all registered owners of the above affected motorcycles by mail. A copy of the customer letter is included in this bulletin. The customer should take the letter along with the affected motorcycle to an authorized KTM Dealer for the inspection, repositioning and securing of the wiring harness routing and installation of the ground cable.

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**This recall should only be performed by trained technicians with proper equipment. Dealers are not to send out parts to customers and should take every reasonable action to make sure the customer does not try to repair or perform the recall on their vehicle. Dealers are to properly record the repair of the recall, report and return parts to KTM.**

- » Dealers must perform the inspection, repositioning, and securing on the wiring harness and installation of the ground cable on all affected motorcycles in their inventory prior to any customer delivery. Any affected 2012-2016 Duke models received directly from KTM North America require the above mentioned inspection, repositioning, securing and installation of the ground cable prior to customer delivery. Affected units acquired through KTM dealer transfers or trades must be remedied and checked in KTM Dealer.net to ensure and document that the repair has been performed.
- » Motorcycles that are affected must not be operated until the inspection, repositioning, securing of the wiring harness and installation of the ground cable has been performed as described in this bulletin. It is a violation of KTM North America, Inc. policy for an authorized KTM Dealer to deliver any affected units to customers until the procedure in this bulletin has been performed.
- » KTM must report to the federal government on a regular basis how many units have been inspected and repaired during this campaign. Be sure to submit your warranty request for reimbursement on every unit inspected and repaired to ensure accurate compliance numbers.

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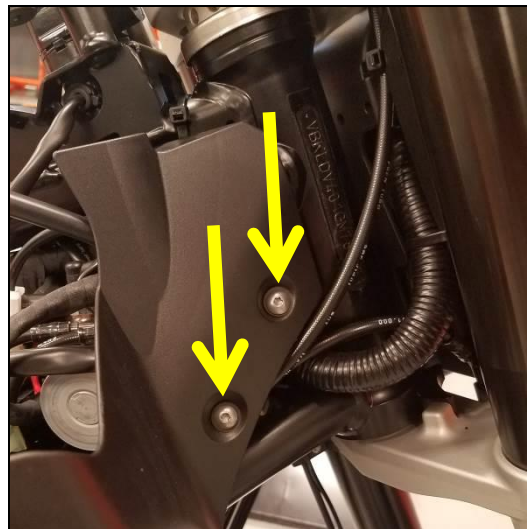
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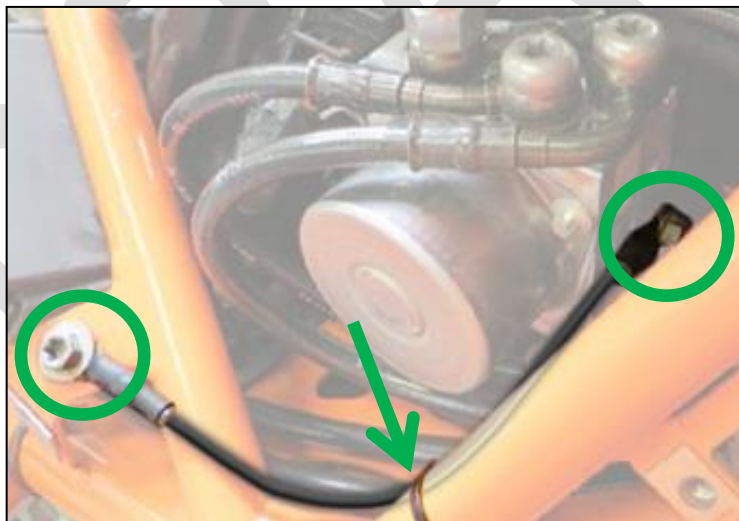


**Procedure for Inspection / Repair: Performing the check and mounting the ground cable on a model year 2012 – 2015 690 Duke**

1. Remove the fuel tank and then remove the right side frame cover. **(Fig. 1)**

**(Fig. 1)**

2. Attach the ground cable onto the ABS modulator using an 8mm gear wrench. **(Fig. 2)**
3. Mount the ground cable to the frame using the new collar screw and contact washer between cable and frame, secure the wire to the frame using a cable tie. **(Fig. 2)**

**(Fig. 2)**

4. Check the entire wiring harness for visible damage around the ABS modulator (chafing, damaged coating, exposed wires, etc.). If any damage to the wiring harness is found take a photo and contact Dealer Services before continuing the repair.

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(Fig. 3) DISPLAYS INCORRECT ROUTING



(Fig. 3)

5. Secure the Green & Orange wiring harness as shown using a cable tie. (Fig. 4)



(Fig. 4)

6. Take a photo of the repositioning of the wiring harness, cable tie placement and mounted ground cable so you can attach it to the warranty claim for proof of correction.

**Please observe:** The minimum clearance between the ABS modulator and an electrical line must be at least 20 mm.

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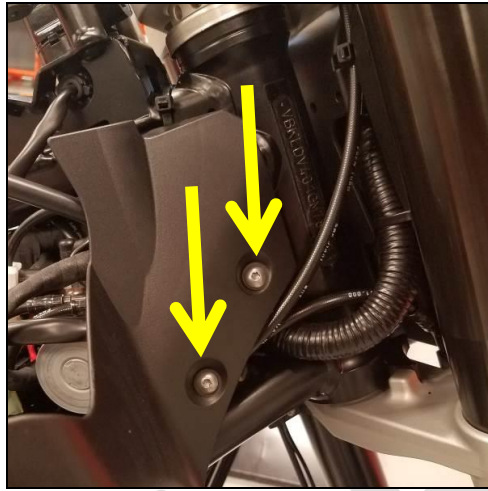
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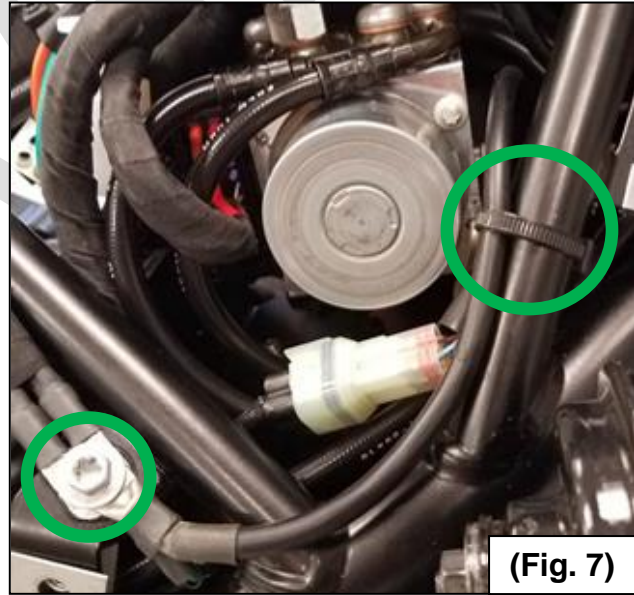


**Procedure for Inspection / Repair: Performing the inspection and mounting the ground cable on a model year 2016 690 Duke**

1. Remove the fuel tank and then remove the right side frame cover. **(Fig. 5)**

**(Fig. 5)**

2. Attach the ground cable onto the ABS modulator using an 8mm gear wrench. **(Fig. 6)**
3. Attach the ground cable to the frame and secure the wire to the frame using a cable tie. **(Fig. 7)**

**(Fig. 6)****(Fig. 7)**

4. Check the entire wiring harness for visible damage around the ABS modulator (chafing, damaged coating, exposed wires, etc.). If any damage to the wiring harness is found take a photo and contact Dealer Services before continuing the repair.

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(Fig. 8) DISPLAYS INCORRECT ROUTING



(Fig. 8)

5. Secure the wiring harness as shown using a cable tie. (Fig. 9)



(Fig. 9)

6. Take a photo of the repositioning of the wiring harness, cable tie placement and mounted ground cable so you can attach it to the warranty claim for proof of correction.

**Please observe: The minimum clearance between the ABS modulator and an electrical line must be at least 20 mm.**

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**Parts ordering information:****2012-2015 Duke**

1 QTY 76011097050	Ground cable LC4 ABS
1 QTY 58411098100	Contact disk M6
1 QTY 0025060126	Hex Collar screw M6x12
1 QTY 44011076305	Cable tie 300mm/4.8mm (one package of cable ties includes 10 cable ties)

**2016 Duke**

1 QTY 76011097050	Ground cable LC4 ABS
1 QTY 44011076305	Cable tie 300mm/4.8mm (one package of cable ties includes 10 cable ties)

**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 listed 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 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.
- » A photo of the completed repair must be attached to the claim showing the repositioning of the harness wires and cable tie mounting. See the Figures on pages 4 and 6 for examples.

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Warranty claim input information	
Warranty type:	TI Warranty
Subassembly group:	11 - Electrical system
Failure code:	460 - Short circuit / ground fault
Part causing failure:	76011057000 - Fuse box retaining bracket
Campaign code:	11_177919_00 – Securing wire harness and mounting ground cable MY2012-2015  11_177919_01- Securing wire harness and mounting ground cable MY2016
Spare parts:	11_177919_00 QTY 1- 76011097050 - Ground cable LC4 ABS QTY 1- 58411098100 - Contact disk M6 QTY 1- 0025060126 - Hex collar screw M6 x12 QTY 2- 44011076305 - Cable tie 300mm/4.8mm  11_177919_01 QTY 1- 76011097050 - Ground cable LC4 ABS QTY 2- 44011076305 - Cable tie 300mm/4.8mm
Labor time:	11_177919_00 - 40 minutes 11_177919_01 - 40 minutes

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