



CS | 341 MV
area | n°

Technical Information

Date: **July 23, 2024**

Subject: **Ignition switch wire relocation**

Product: **LXP 950 Orioli \ Enduro Veloce**
All affected VINs are linked in Dealer.net

Following continuous monitoring of the quality of our product, it has been found that on the above vehicles it is necessary to change the routing of the wires coming out of the ignition block aimed to reduce the stress on the wires during the steering operations.

Element to be modified/added	Type of operation to be performed	Reason for update
Ignition switch wire\ antenna wire	Wire re-routing	Reduce the stress of the wires throughout the whole range of movement of the steering

We ask you to update the vehicles according to the instructions in this technical communication BEFORE handing over the vehicle to the end customer or, if the motorbike has already been handed over, at the earliest opportunity.

WARRANTY CLAIM:

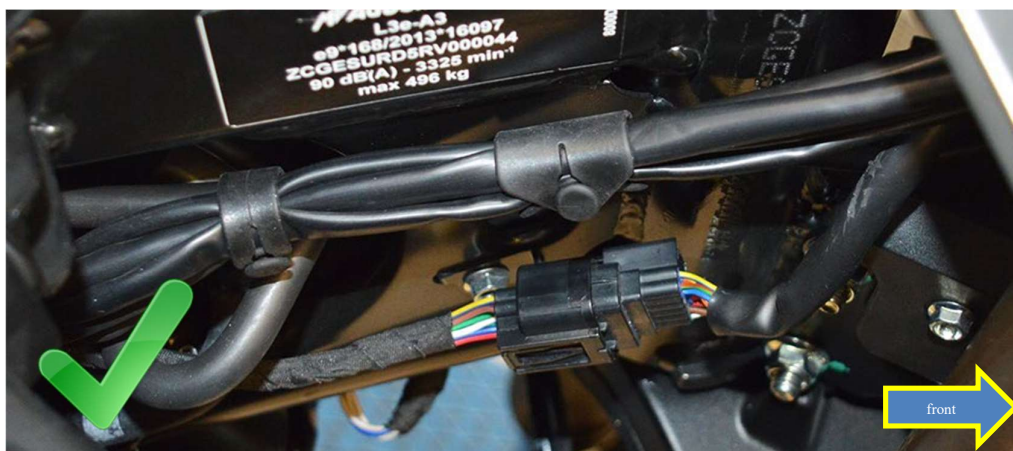
Warranty type: TI warranty
Assembly group: M14
Damage code: 900 – TROUBLE-SHOOTING AT MANUFACTURER’S SITE
Failure-causing part: SPMV8000D1395 Keyless Lockset
Action code, parts, working time: Check routing Action code: 14_2407159_00 Labour time: 10 minutes Parts to be requested: NOT REQUIRED
Action code, parts, working time: Check and rerouting Action code: 14_2407159_01 Labour time: 15 minutes Parts to be requested: NOT REQUIRED
Are stock items affected: NO
Guaranteed cost reimbursement under implied warranty: 48 months from the publication of the TI but at least 48 months from the delivery date of the new vehicle

Checking procedure:

- Locate the wiring coming out of the vehicle's ignition switch on the right side of the motorcycle in the steering head area:



- Check the wiring layout; the cable must have the routing as shown in the picture:



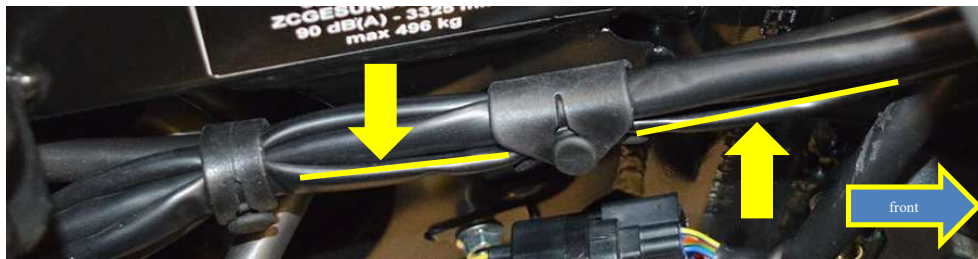
- **If the wiring is already in the position shown in the photo, no action will be necessary.**
- **In the case that there are other routings or positioning of the wiring different from the layout shown in the picture, it will be necessary to reposition it according to the procedure indicated in the next points reported.**

Intervention procedure:

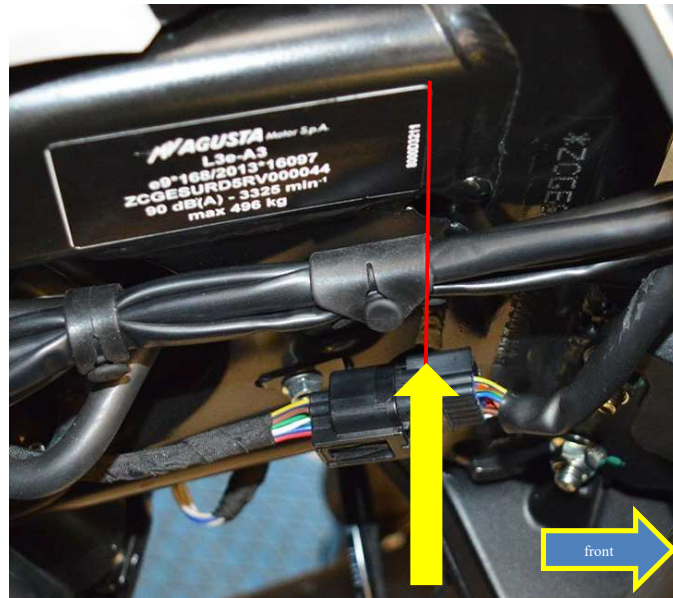
- Remove the rubber tie placed in direction of the front of the vehicle on the wiring and remove the protective sheath; **the protective sheath will not be reused:**



- Identify the antenna wire:



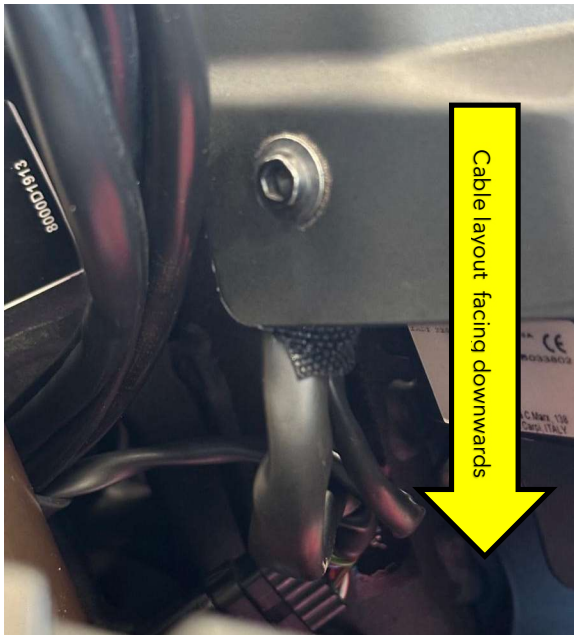
- Move the steering full left.
- With the steering in full left position, you will need to **slide\move the antenna wire as much as possible towards the rear of the vehicle**, reducing at maximum the cable length in excess in the front side of the vehicle.
- Reposition the previously removed rubber tie in the position indicated in the picture; the ideal position is in correspondence of the right edge of the VIN label or 40 mm from the steering head:



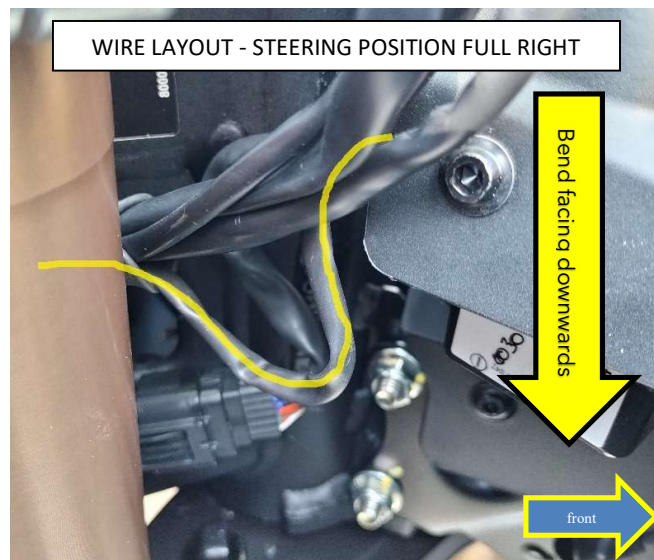
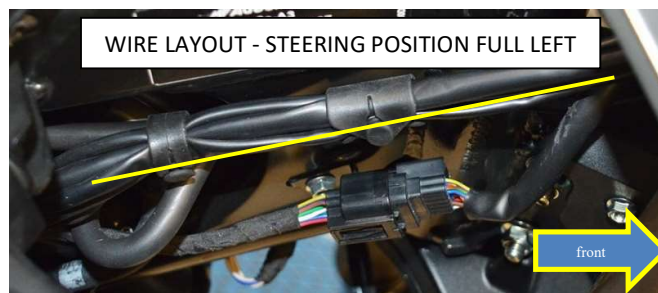
- **Make sure that the bends of the cables coming out of the ignition switch are wide, without constriction points or excessive tight bends.**
- Make sure that the antenna wire passes **below all the other wires present**.
- Locate and disconnect the ignition switch connector.
- Rotate the ignition block side-end connector **one turn clockwise** to pre-load the cable and help it keeping the right position. Before re connecting, rotate the ignition switch lead connector so that the wiring faces the steering head.



- Reconnect the ignition switch cable and keep it separated from the wires heading to the rear end of the vehicle.
- Check that the wiring coming out of the ignition switch is oriented downwards. Otherwise, it will be necessary to reposition it by changing the orientation of the cable guide located under the ignition switch cover in order to have the cable pushed downwards:



- The basic target is to obtain, with the steering assembly in its full right position, a wide and round bend on the antenna and ignition switch cables, with the bent part of the wire facing downwards:



- Perform a few full turns of the steering from side to side, in order to check that the layout is maintained correctly even at maximum steering angles in both directions and that the cables are not pinched or pressed anywhere.
- Perform a dynamic test of the vehicle to confirm compliance.

Bulletpoints\targets:

- *Protective sheat removal.*
- *New position of the front rubber tie.*
- *Wide bends on the wires in all conditions.*
- *Antenna wire below the other wires.*
- *Slide\move the antenna wire as far as possible towards the rear of the vehicle.*
- *The ignition switch side end connector rotated 1 turn clockwise for correct orientation.*
- *Ignition switch wire facing downwards*

MV AGUSTA MOTOR S.p.A.
Servizio Assistenza Tecnica – Customer Service