



CR154 – Panigale V4 Side Stand Update
Models: Panigale V4 2018 (all model versions)
Technical Service Bulletin SRV-TSB-18-009

Date: Thursday, May 11th, 2018

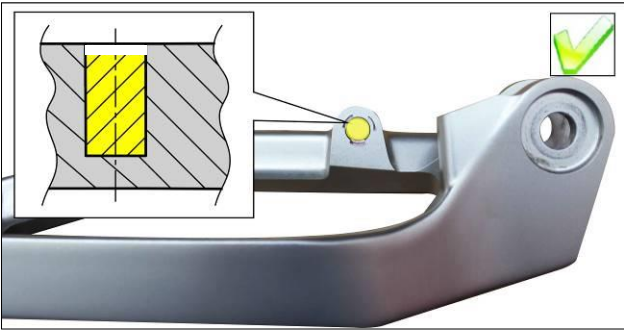

To: Dealer Principal, General Manager, Service Manager

From: Richard Kenton, Technical Director

- **Situation**

As a result of ongoing product tests and the analysis of feedback from the field, we have detected a potential issue concerning the side stand sensor for the above-indicated motorcycles. Due to production compliance issue, the magnet could have been incorrectly installed inside the seat on stand, affecting the correct operation of side stand sensor. On all involved motorcycles it is necessary to remove the side stand and then visually check the magnet:

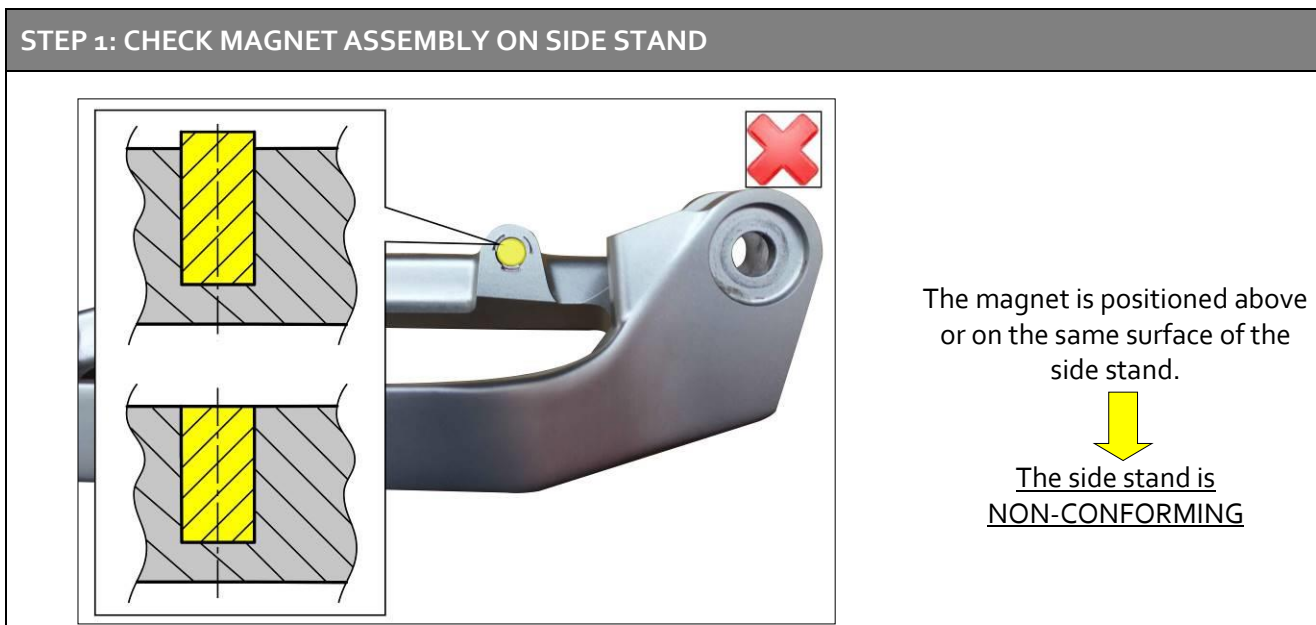
- 1) If the magnet is positioned below the side stand surface, this stand is COMPLIANT, and the caulked areas must then be clinched with a flat tipped punch to ensure magnet remain in position:

STEP 1: CHECK MAGNET ASSEMBLY ON SIDE STAND	
	<p>Magnet upper surface is positioned lower than the side stand surface</p> <p>↓</p> <p><u>The side stand is COMPLIANT</u></p>
STEP 2: CLINCH THE CAULKED AREAS	
	<p>Use a flat tipped punch to clinch the caulked areas, with a 120° angle offset in order to ensure retention of the magnet</p>



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- 2) If the magnet is positioned above or on the same surface of the side stand, this stand is NOT COMPLIANT and must be replaced.





- **Customers**

All bikes in your stock (to be registered or already registered) and to be delivered to Customers will have to be updated during pre-delivery operations and, always before delivery to the Customer.

All the bikes already delivered to Customers must undergo this update at the next service opportunity.

- **Involved Bikes**

You can find the precise list of VIN numbers involved in CR154 on the DCS, in sections:

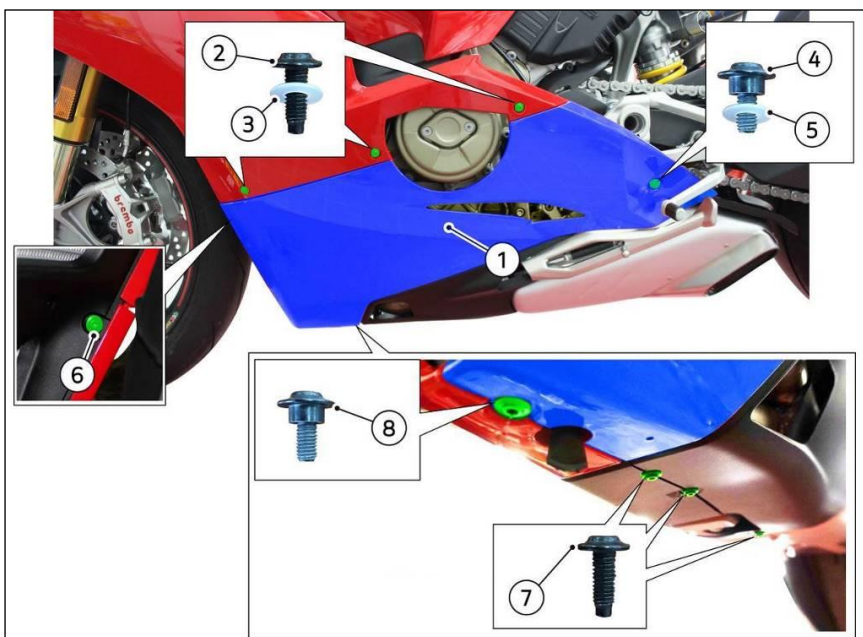
VIN HISTORY		You can consult the single frame number.
CAMPAIGNS		You can consult all the VIN numbers that Ducati Motor Holding sent you.



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• **Service Solution**

- 1) Disassemble the **LH lower half fairing (1)** by removing:
- the **3 M5x12 screws (2)** with relevant nylon **washers (3)**;
 - the **M5x9 screw with collar (4)** with relevant nylon **washer (5)**;
 - the **M5x12 screw (6)**;
 - the **3 lower screws M5x12 (7)**;
 - the **lower M5x8.5 screw with collar (8)**.



WARNING

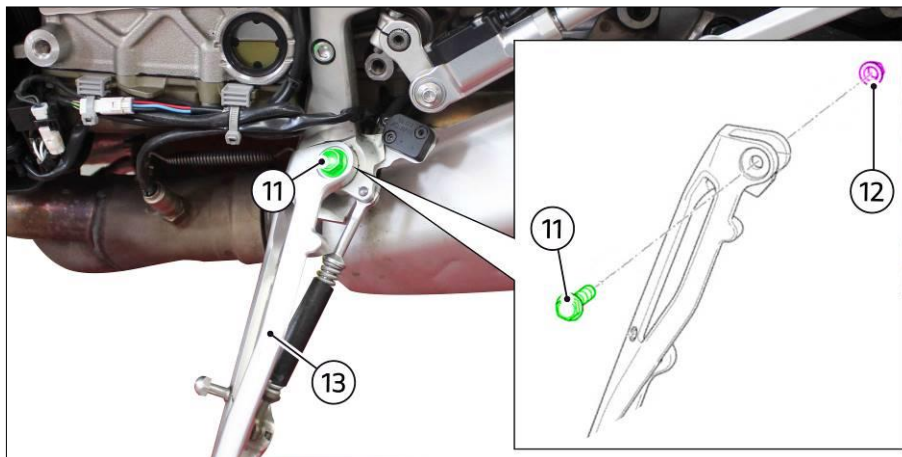
Slide **hose (9)** end out of the **union (10)** present on LH half fairing.



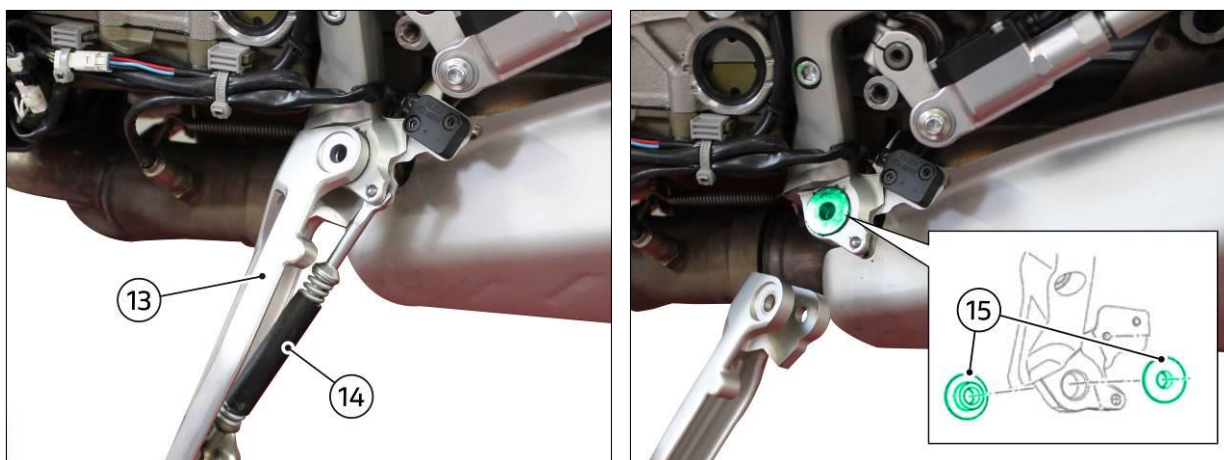


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- 2) Remove the **M8x35 screw (11)** while holding **nut (12)** retaining **side stand (13)**.



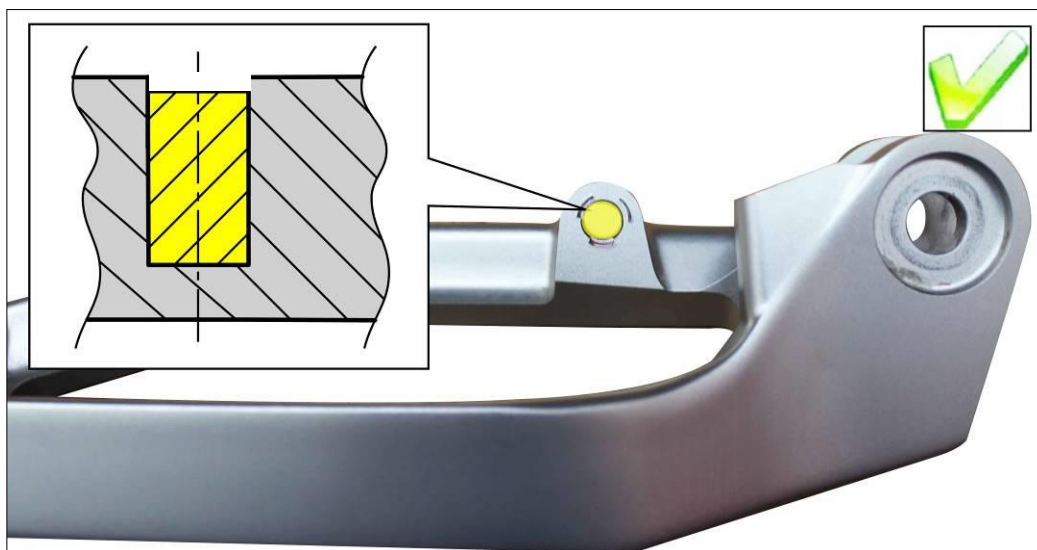
- 3) Slide out the **side stand (13)**, **spring (14)** and the **2 front and rear spacers with collar (15)** from the support plate.





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- 4) Position **side stand (3)** on a clean surface and check side stand sensor magnet position:
- a) If magnet upper surface is positioned under side stand surface, the side stand is COMPLIANT.

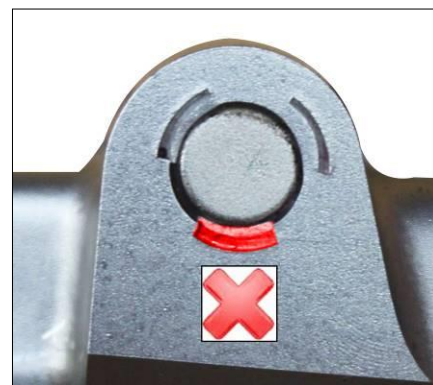
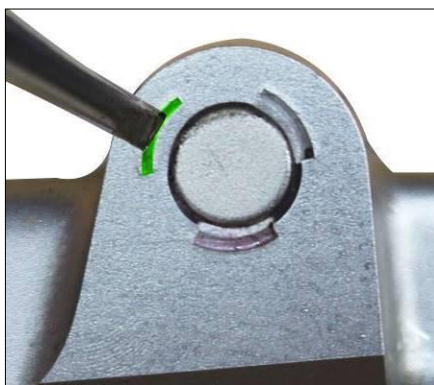
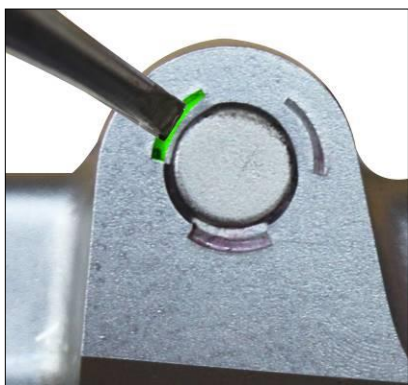


Using a flat-head tip, clinch the caulked areas with a 120° angle offset, taking care not to damage the magnet.



WARNING

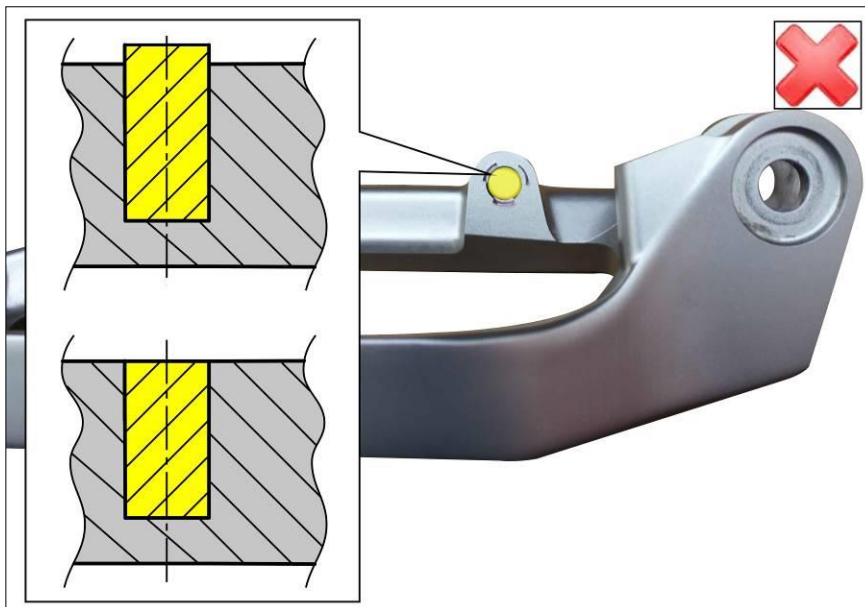
The caulked areas present close to the magnet, as shown in the figure or the right, must NOT be clinched in order to avoid possible damage to the magnet.



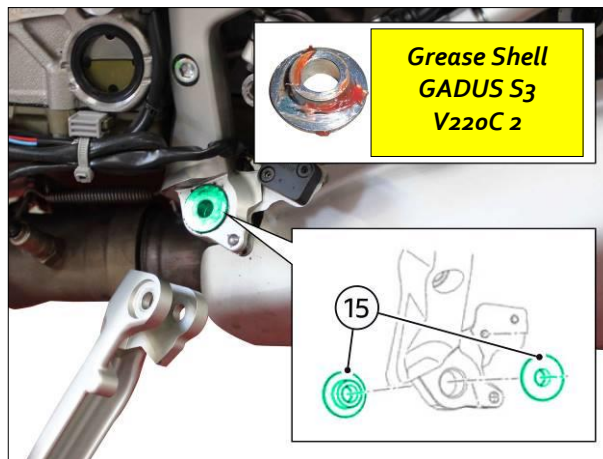
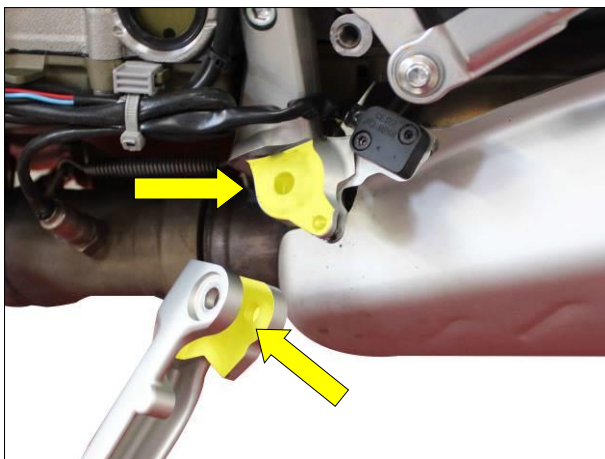


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- b) If the magnet is positioned above or on the same surface of the side stand, this latter is NOT COMPLIANT and must be replaced.



- 5) Clean the mating surfaces between the side stand and the support plate from any grease or dirt.
- 6) Apply grease Shell GADUS S3 V220C 2 (or equivalent) on the **2 spacers with collar (15)** and insert them inside the side stand support plate, aligning them as shown in the figure.

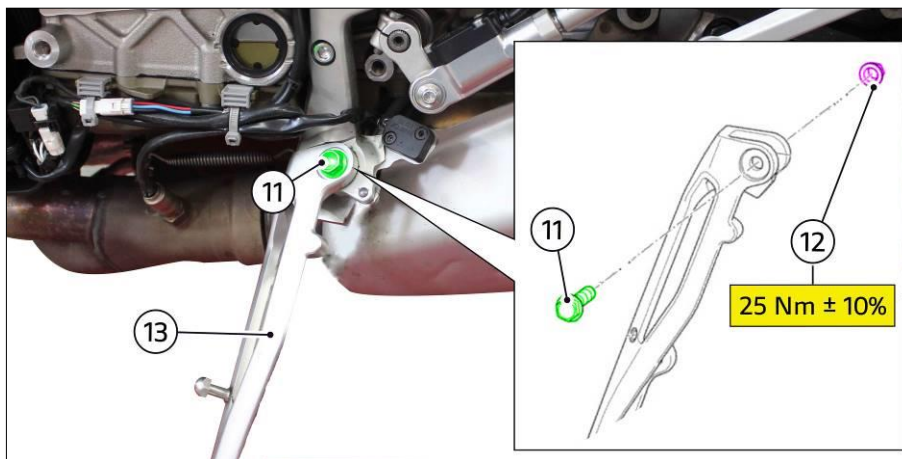




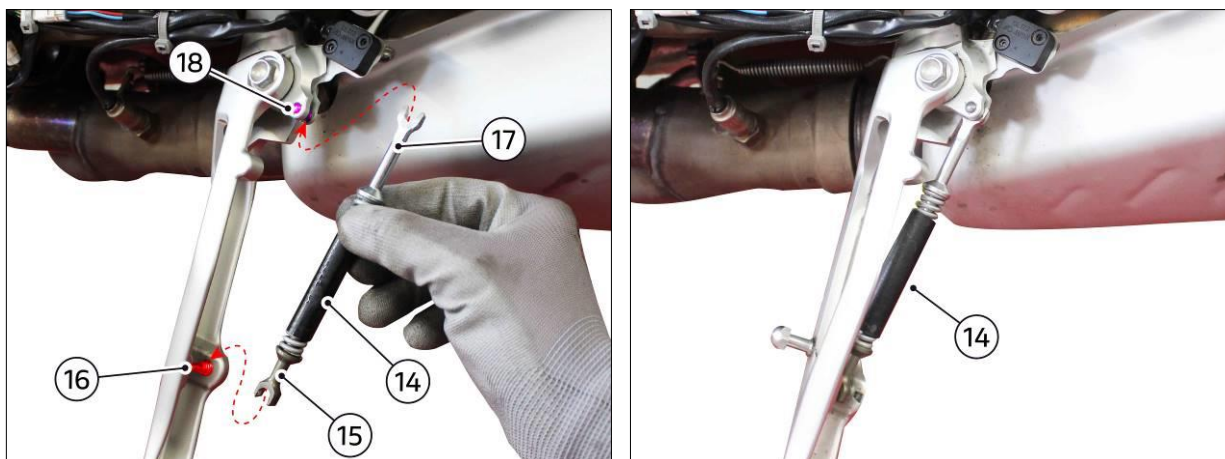
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- 7) Apply grease Shell GADIUS S2 V220 AD 2 (or equivalent) under the head of **M8x35 screw (11)** and fit the **side stand (3)** on the support plate by inserting the **M8x35 screw (11)** and starting **nut (12)** on screw threaded projection.

Tighten **nut (12)** to **25 Nm \pm 10%**



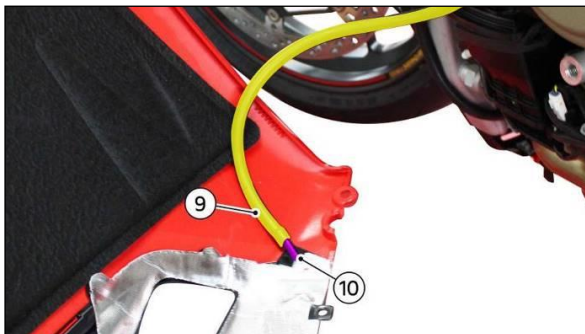
- 8) Install **spring (14)** by inserting **fork (15)** on **lower pin (16)** and **fork (17)** on **upper pin (18)** as shown in the figure.





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- 9) Confirm the side stand moves freely and check the correct operation of the safety switch.
- 10) Insert **hose (9)** end inside the **union (10)** present on LH half fairing.

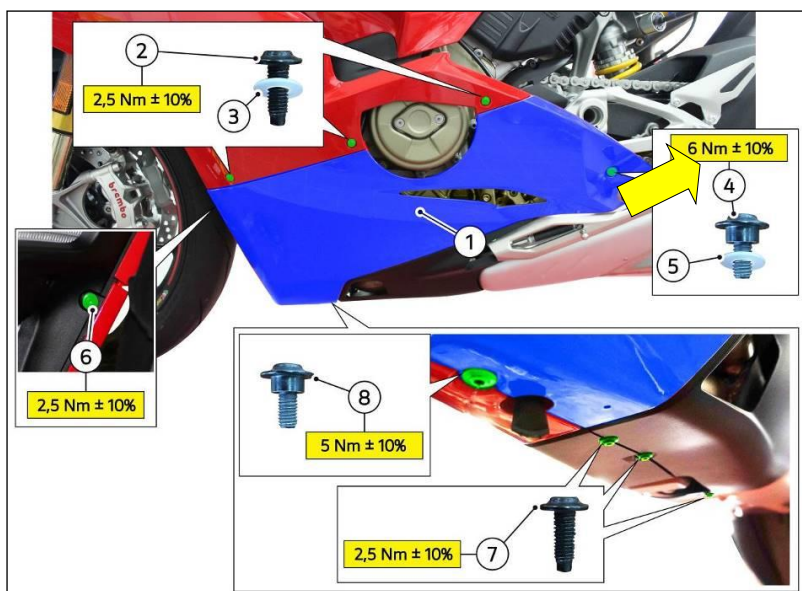


- 11) Assemble the **LH lower half fairing (1)** by tightening:
- the **3 M5x12 screws (2)** with relevant nylon **washers (3)** to **2.5 Nm ± 10%**;
 - the **M5x9 screw with collar (4)** with relevant nylon **washer (5)** to **6 Nm ± 10%**;
 - **M5x12 screw (6)** to **2.5 Nm ± 10%**;
 - the **3 M5x12 lower screws (7)** to **2.5 Nm ± 10%**;
 - the **lower M5x8.5 screw (8)** with collar to **6 Nm ± 10%**.



NOTE:

While tightening the **M5x9 screw with collar (4)**, move the **LH half fairing (1)** towards the rear side of the bike.

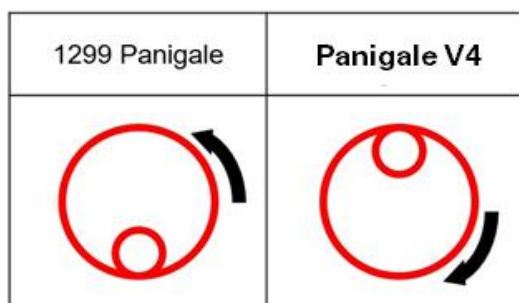




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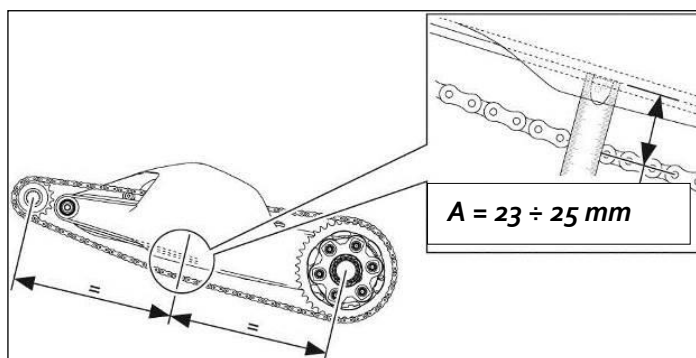
12) Check final drive chain tension.

As stated in the model introduction bulletin SRV-SRB-17-032 "Introduction and Pre-delivery of Panigale V4 Model Year 2018", the eccentric for adjusting chain tension is fitted upside down compared to the traditional system used on the twin-cylinder Panigale family for structural reasons, and in order to reach the maximum stiffness/weight ratio. The direction of rotation of the eccentric to tension the chain changes from counter-clockwise to clockwise (bike LH side view).



To tension the final drive chain it is necessary to:

- Turn the rear wheel until you find the position where chain is tightest
- Set the vehicle on the side stand
- Push down the chain with just a finger at the point of measurement and then release it
- Measure the distance between chain pin center and chain sliding shoe plastic
- Adjust as needed to: **A = 23 ÷ 25 mm.**




This measurement is valid only with motorbike configured in delivery standard settings.



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- **Spare Parts**

The component required for this update is:

Part no.	Description	Q.ty	Image
55621013AA	Side stand	1	

Side stand must be ordered per VIN as needed.


- **Warranty**

Reimbursement for work associated with this update will be done through the regular warranty claim procedure using the Campaigns section of the DCS; this campaign is identified as **CR154**.

The Warranty Claim is pre-filled and 2 types of repair are available, described in the table:


1) Repair **TYPE 1**:

The side stand is compliant and does NOT have to be replaced. The caulked areas are clinched as needed:

	Spare Parts	Labor
Repair TYPE 1	NO	

2) Repair **TYPE 2**:

The side stand is NOT compliant and is replaced as directed.

	Spare Parts	Labor
Repair TYPE 2	Part no.55621013AA – Side stand	

Reimbursed labor includes the time needed for the acceptance, delivery of the motorcycle to the Customer and the time required to complete the warranty claim.

Always check in DCS, for the presence of any required updates to be carried out on the vehicle.