



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

Date: May 3, 2018
To: Dealer Principal, General Manager, Service Manager, North American Dealer Network
From: Richard Kenton, Technical Director; Eric Bradley, Technical Training and Publications Manager

- **Situation**

On the above listed models, a series of updates are available. The changes consist of an aerodynamic improvement for the cooling system radiator duct for optimization of system performance, new position and part for the front fork mounted reflectors for improved visibility, brake line routing changes, and improvements to the rear plate mount support. These updates will bring the vehicles listed to the current production configuration.

- **Customers**

All bikes in dealer stock ('to be registered' or 'already registered') and awaiting delivery to final Customers will require this inspection during pre-delivery operations, before delivery to the final Customer. All bikes already delivered to final Customers must undergo this inspection and below procedures at the next service appointment.

- **Involved Bikes**

The list of VIN numbers involved in this campaign (CR151 / SRV-TSB-18-006) can be found in the following DCS locations:

VIN HISTORY		You can consult the single chassis number
CAMPAIGNS		You can consult all the chassis serial numbers that have been sent to you by Ducati Motor Holding.

- **Service Solution**



WARNING

To perform the update process in the time provided, it is necessary to follow all instructions in the sequence of operations provided in this bulletin.

We suggest you print the following page where the order of operations is listed as a guideline to follow during the update



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

The procedure includes the following steps:

	Page
1) Vehicle preparation	6
2) Radiator Duct removal	9
3) New Radiator Duct preparation	12
4) New Radiator Duct installation	19
5) New Reflector preparation	32
6) New splash guard preparation and installation	34
7) Cable guide installation on front speed sensor cable	36
8) New Reflector installation	39
9) Side stand sensor cable re-routing	43
10) Airbox clip installation	48
11) Hose guide on swinging arm installation	48
12) Gear change linkage assembly check	53
13) New number plate holder vibration dampers installation	54
14) Fairing assembly	59

The components needed for the update are all included in kit Part no.69928581A.



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

KIT PART NO. 69928581A		
RADIATOR DUCT		
Description	Photo	Quantity (pcs)
Radiator Duct		1
Left-hand deflector		1
Right-hand deflector		1
Deflector pin LH spring		1
Deflector pin RH spring		1
Deflector pin		2
Deflector pin support		4
Support fastening M3x10 screws		4
M5 clip		1
Hose guide on Radiator Duct		1
Hose guide fastening M5x12 screw		1



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

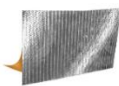
KIT PART NO. 69928581A		
RADIATOR DUCT		
Description	Photo	Quantity (pcs)
Additional expansion reservoir		1
Quick-release clip M5		3
Spacer with collar		3
Vibration dampers for additional expansion reservoir		3
Screw M5x20		3
Expansion reservoir breather tube L=50cm		1
Hose Clamp		2
Y-shaped fitting		1
Button tie L.39mm		4
Sound-deadening panel LH fairing		1
Crown fastener		3
Splash guard		1



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

REFLECTORS		
Description	Photo	Quantity (pcs)
Round Reflector		2
Reflector LH support plate		1
Reflector RH support plate		1
Nut M5		2
SPEED SENSOR CABLE HOSE GUIDE		
Description	Photo	Quantity (pcs)
Hose grommet		1
Heat reflective sheath		1
AIRBOX CLIP		
Description	Photo	Quantity (pcs)
Airbox clip		1
FRONT SPEED SENSOR CABLE CLIP		
Description	Photo	Quantity (pcs)
Front speed sensor cable clip		1
VIBRATION DAMPERS		
Description	Photo	Quantity (pcs)
Vibration dampers for number plate holder		2



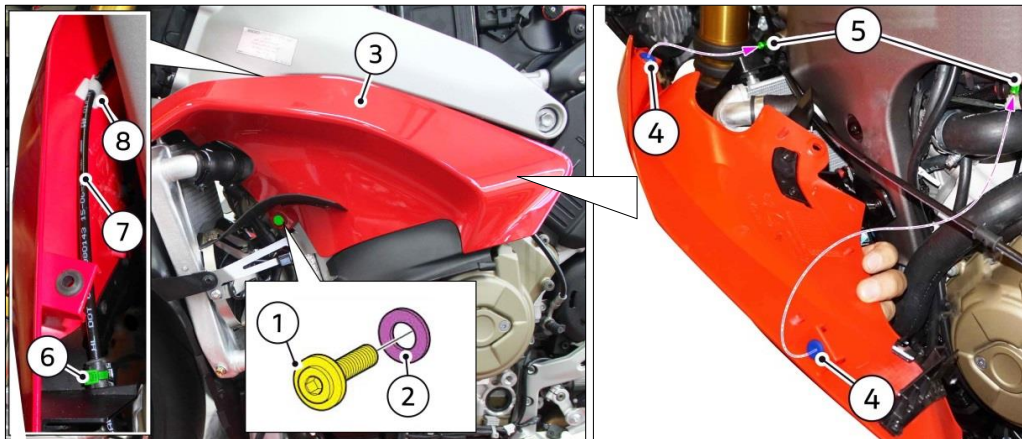
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

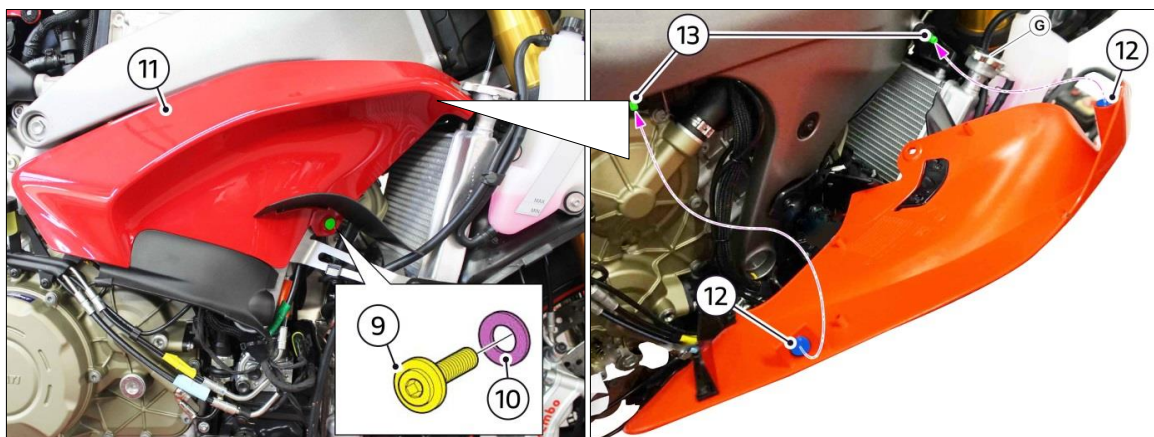
Technical Service Bulletin SRV-TSB-18-006

1) Vehicle preparation:

- a) Position the motorcycle rear mounted on a lift or on a rear paddock stand.
- b) Remove the battery cover and LH and RH side fairings (See Sec.5: "Fairing installation - Fairing" of the Workshop Manual).
- c) Remove the **M5x12 screw (1)** with **washer (2)** and slide out **LH air extractor (3)** and disengage the **2 vibration dampers (4)** from the **pins (5)** present on frame.
- d) Remove the **self-locking tie (6)** and release **clutch cable (7)** from the **cable guide (8)**.



- e) Remove the **M5x12 screw (9)** with **washer (10)** and slide out **RH air extractor (11)** and disengage the **2 vibration dampers (12)** from the **pins (13)** present on frame.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

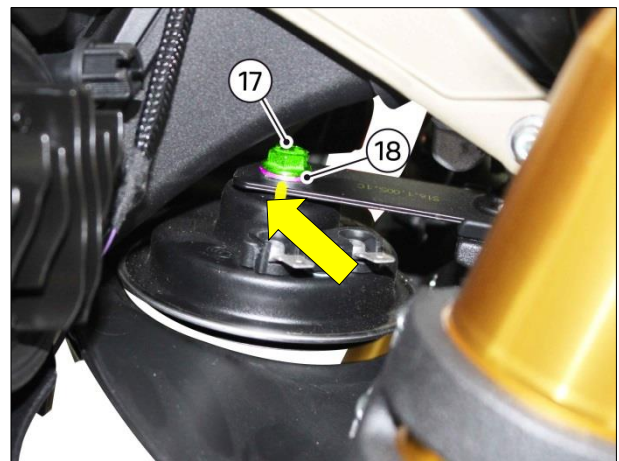
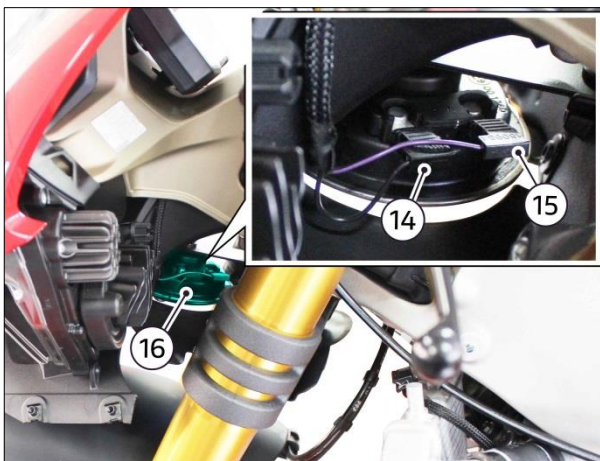
Technical Service Bulletin SRV-TSB-18-006

- f) Disconnect **connectors (14)** and **(15)** from **horn (16)**.
- g) Remove **nut (17)** with **washer (18)** from horn bracket and slide it out.

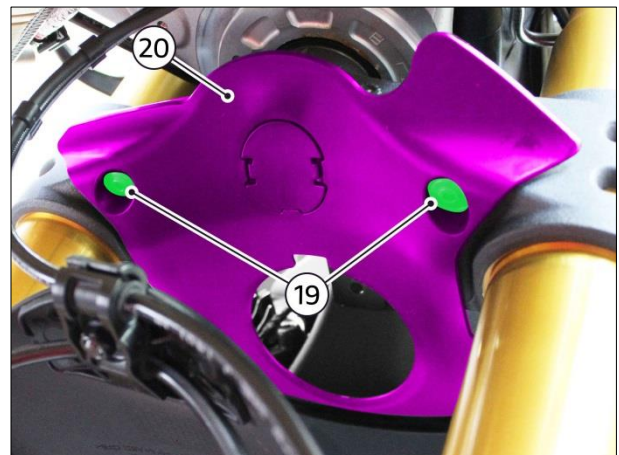
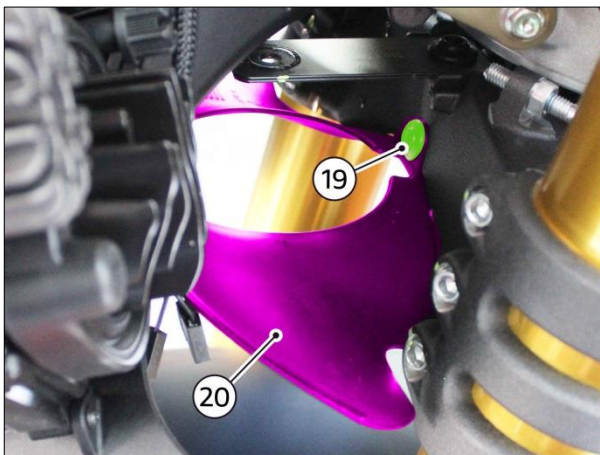


NOTE

Mark the position of the horn at the bracket for proper reinstallation as shown in the image.



- h) Remove the 3 **M5x9 screws (19)** securing **splash guard (20)** to bottom yoke, then slide it out.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

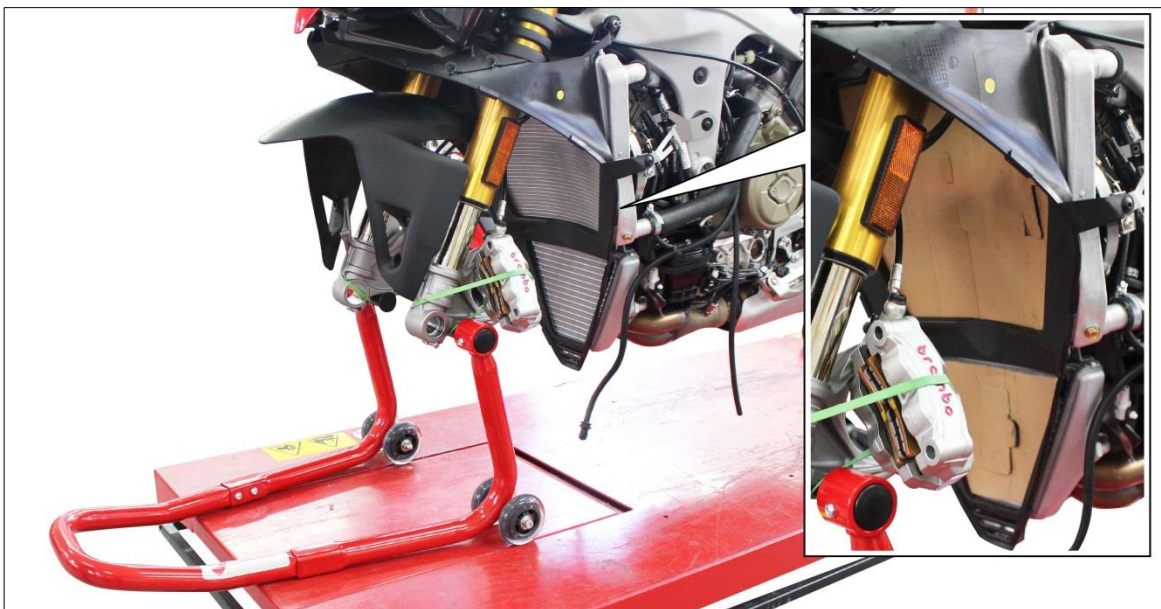
Technical Service Bulletin SRV-TSB-18-006

- i) Position the bike on the front paddock stand and remove front wheel (See Sect.7: "Chassis - Front wheel" of the Workshop Manual). Secure calipers as shown in figure below.



NOTE

To avoid possible damage to the fins of the refrigerating liquid radiator and of the oil cooler, apply protections as shown in the figure.



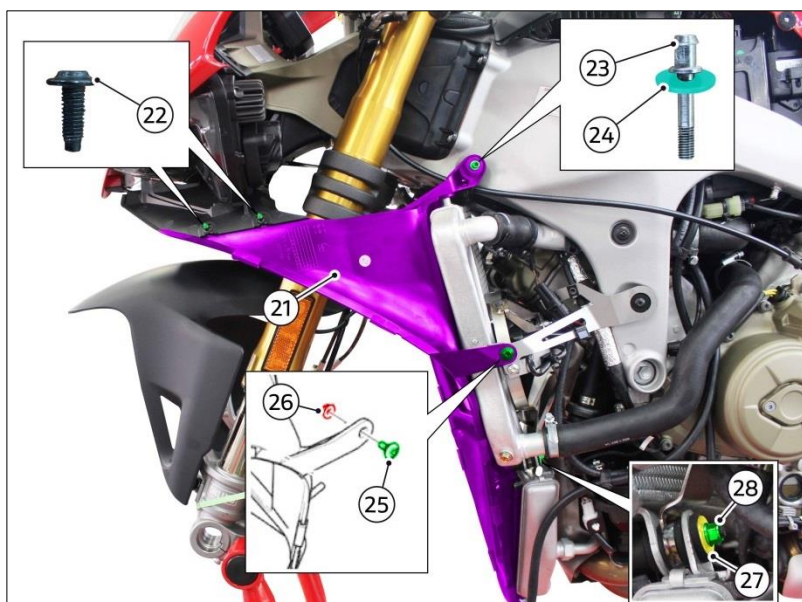


CR151 Panigale V4 Vehicle Update

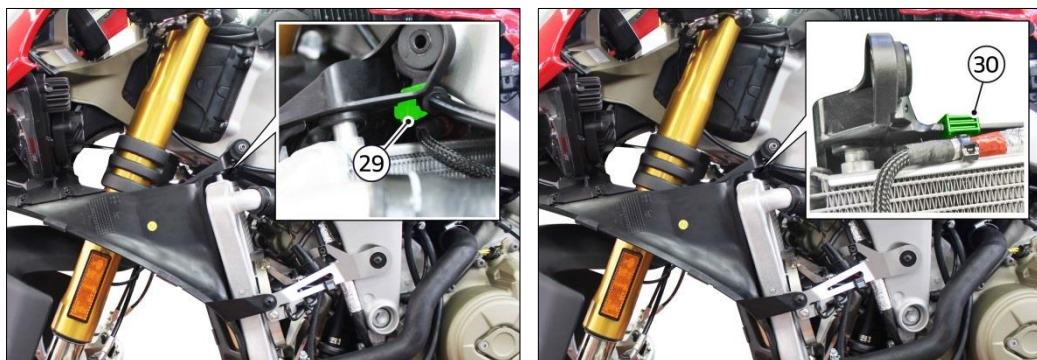
Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

2) Radiator Duct removal:

- a) To remove the **Radiator Duct (21)** at the left side of the vehicle:
- remove the **2 M5x12 screws (22)**;
 - remove the **special screw (23)** with **washer (24)**;
 - remove the **M5x9 screw with collar (25)** while counter holding **nut (26)**;
 - remove **nut (28)** with **spacer (27)**.



- remove the **self-locking tie (29)** securing clutch cable to Radiator Duct;
- slide out the **special cable clip (30)** from the Radiator Duct.



NOTE

The **special cable clip (30)** must be reinstalled during assembly on the new Radiator Duct.



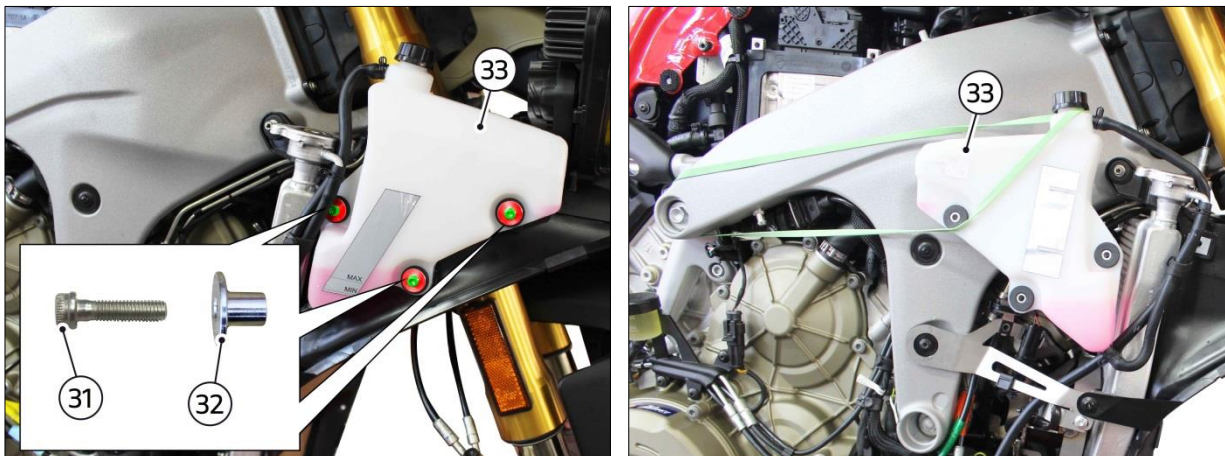
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

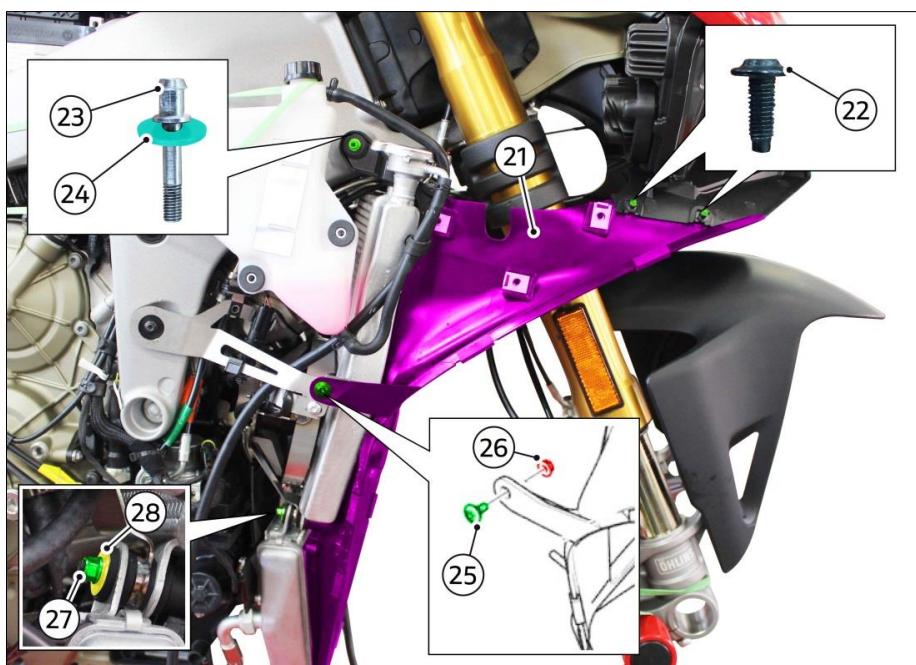
Technical Service Bulletin SRV-TSB-18-006

b) To remove the Radiator Duct at right side of vehicle:

- remove the 3 **M5x20 screws (31)** with the 3 **spacers (32)** retaining the **expansion reservoir (33)**
- Support the **expansion reservoir (33)** with an elastic band as shown in the figure.



- remove the 2 **M5x12 screws (22)**;
- remove the **special screw (23)** with **washer (24)**;
- remove the **M5x9 screw with collar (25)** while counter holding **nut (26)**;
- remove **nut (27)** with **spacer (28)**.





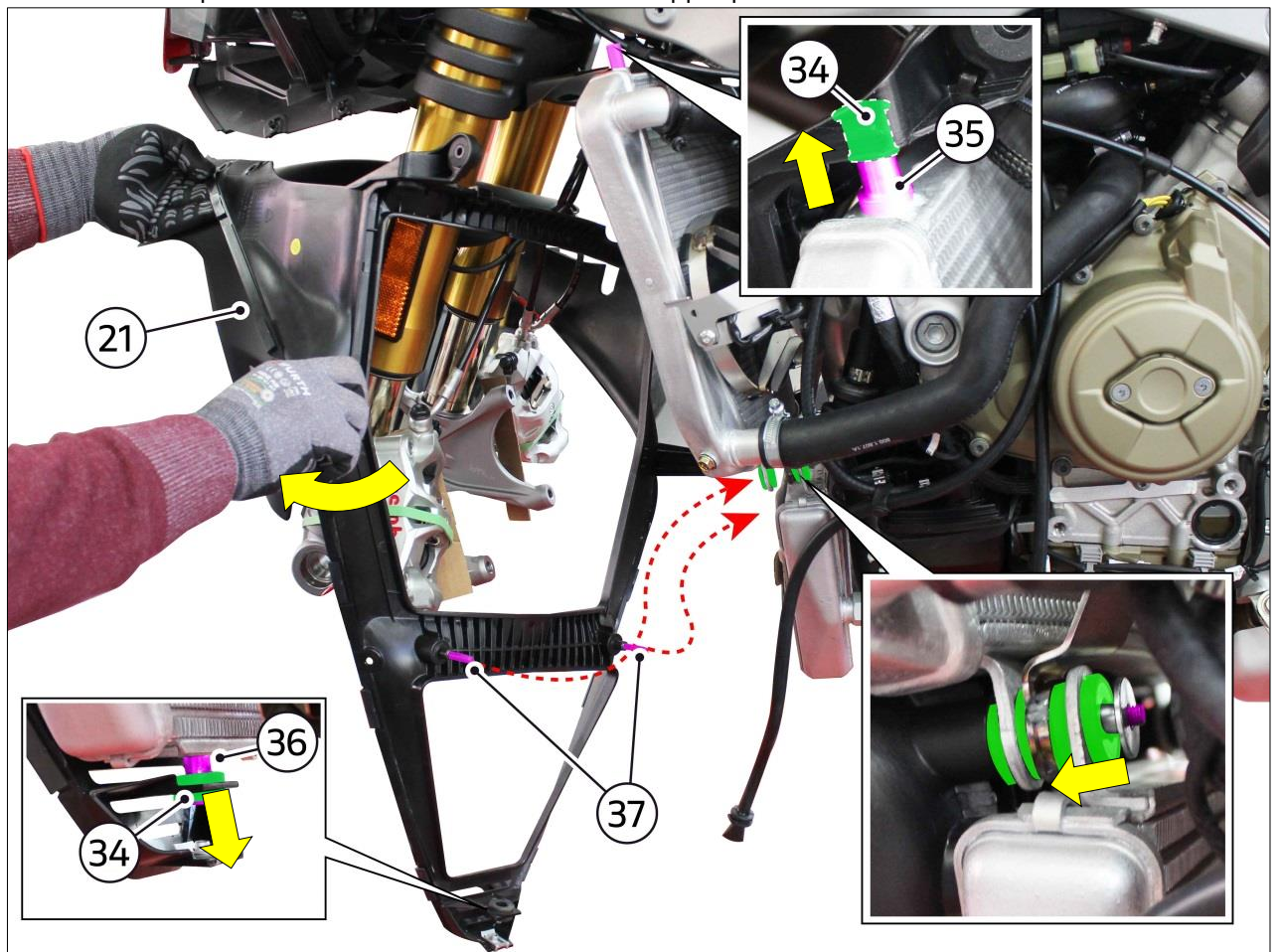
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

c) Remove the old **Radiator Duct (21)**:

- Gently lift at the **2 rubber grommets (34)**, on the upper right and left side of the radiator duct, over the **pins (35)** on the coolant radiator;
- Gently pull down at the **rubber grommet (34)** over the **lower pin (36)** on the oil cooler;
- Gently extract the radiator duct at the **2 stand-offs (37)**, on the right and left side at the center of the radiator duct in the lower part of the coolant radiator and in the upper part of the oil cooler.





CR151 Panigale V4 Vehicle Update

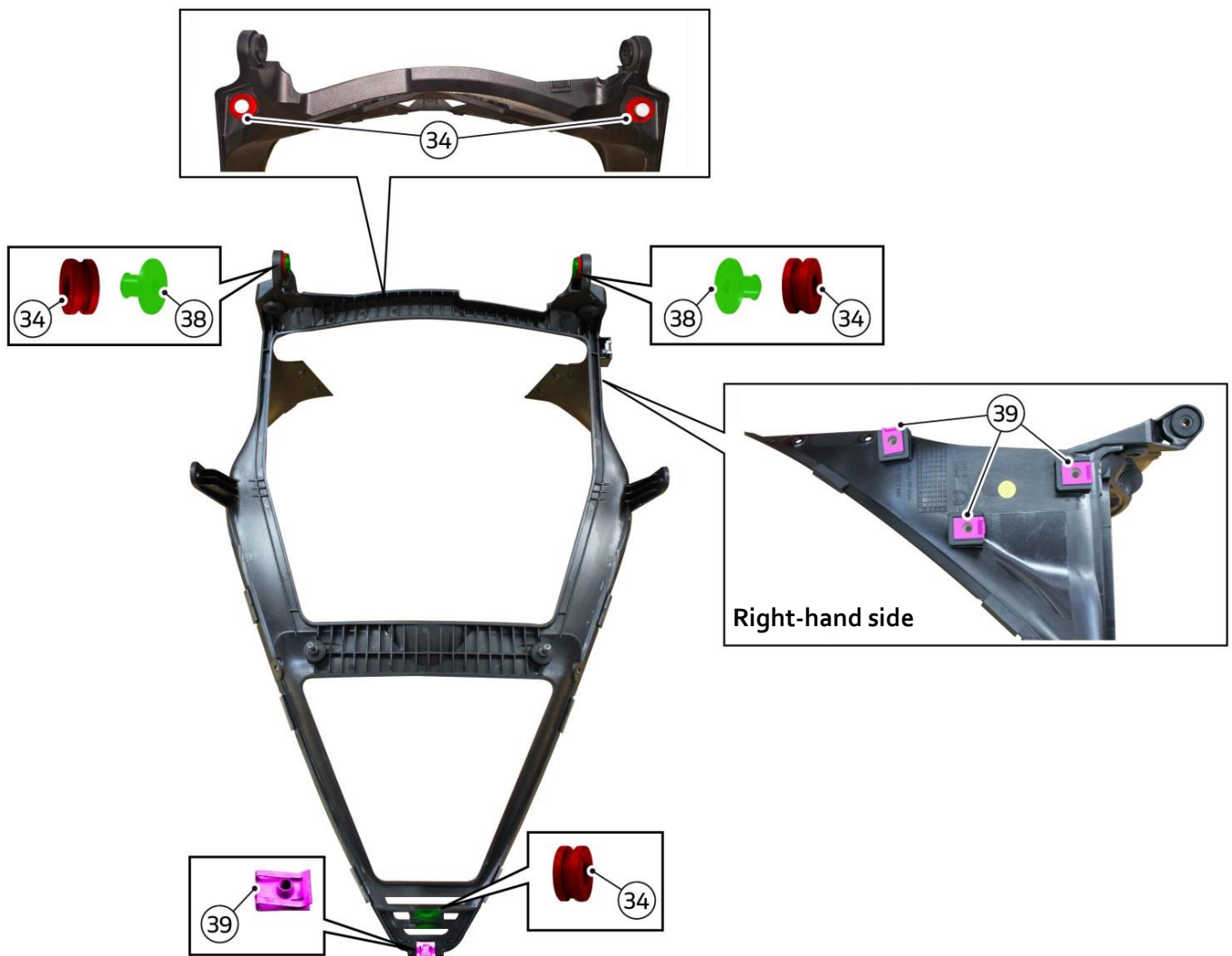
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

3) New Radiator Duct preparation:

a) Recover the following components from the old radiator duct for reuse as shown below:

- 5 silicon rubber dampers (34);
- 2 spacers (38) with collar;
- 4 clips M5 (39) at bottom and right side.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

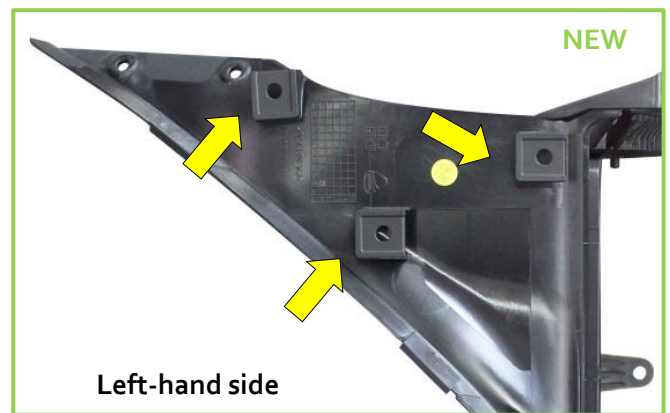
Technical Service Bulletin SRV-TSB-18-006

b) Take the new **Radiator Duct** from kit Part no.69928581A.



NOTE

On the new **Radiator Duct** LH side there are the supports of the second expansion reservoir, as shown in the figure.





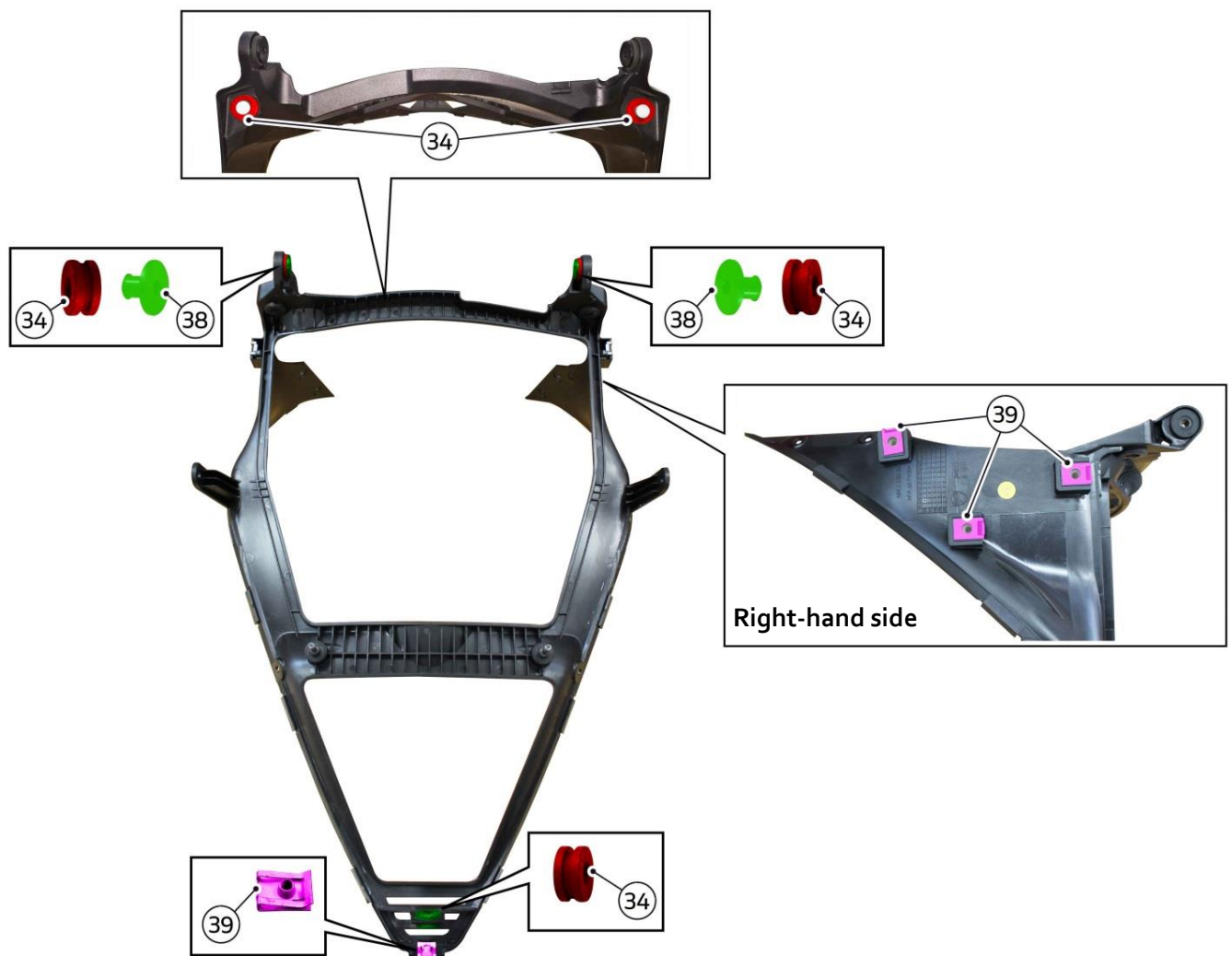
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

c) Install the previously-removed components on the new Radiator Duct, and orient them as shown:

- **5 vibration dampers (34)** in silicone;
- **2 spacers (38)** with collar;
- the **4 M5 quick-release clips (39)**.





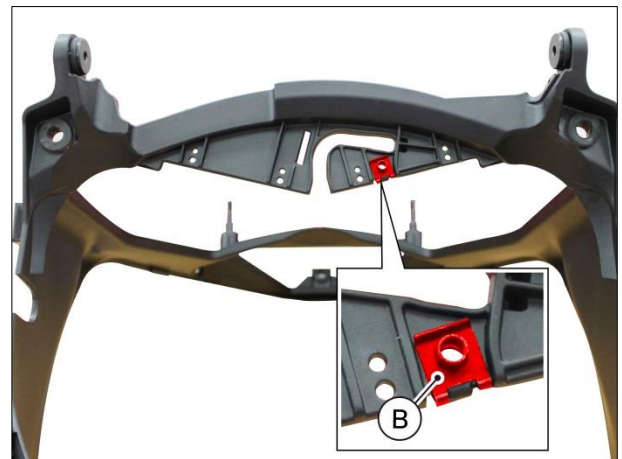
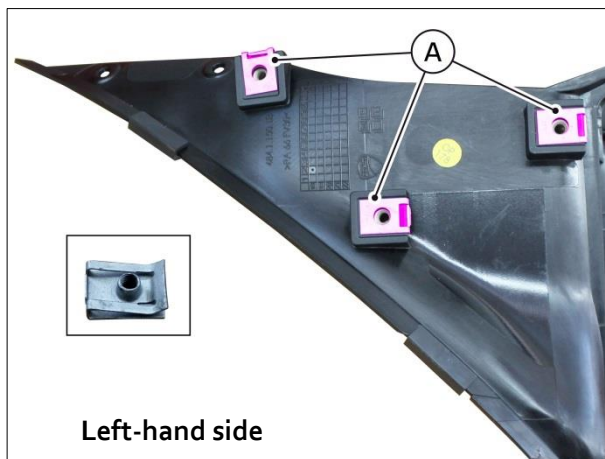
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

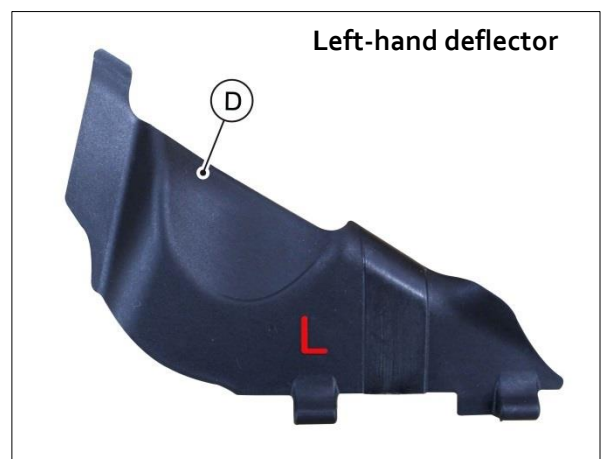
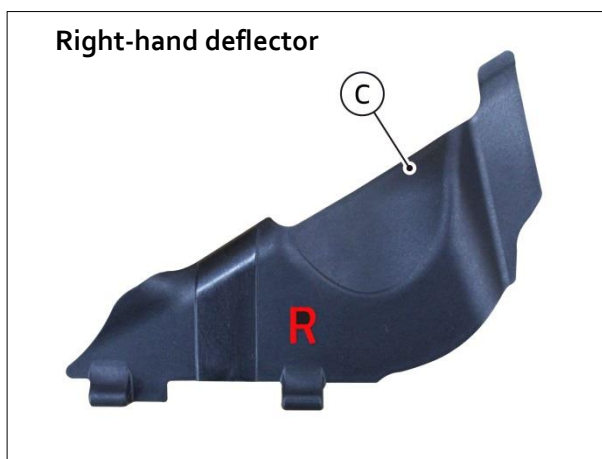
Technical Service Bulletin SRV-TSB-18-006

d) Take from kit Part no.69928581A:

- the **3 M5 quick-release clips (A)** and install them on the supports on the LH side of the new Radiator Duct, orient them as shown
- the **M5 clip (B)** and install it at the corresponding location on the new Radiator Duct



- the **RH deflector (C)** and the **LH deflector (D)**.



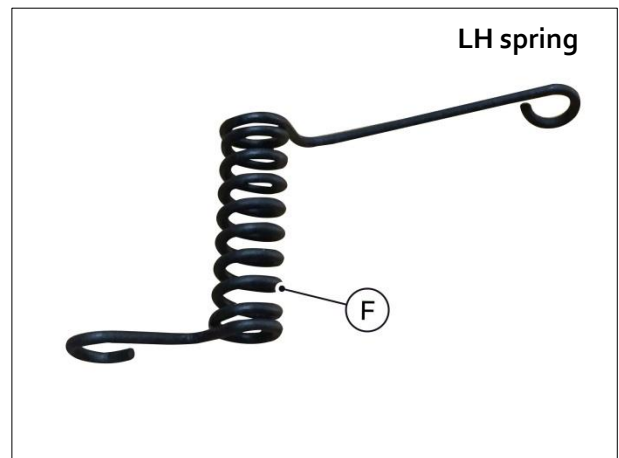
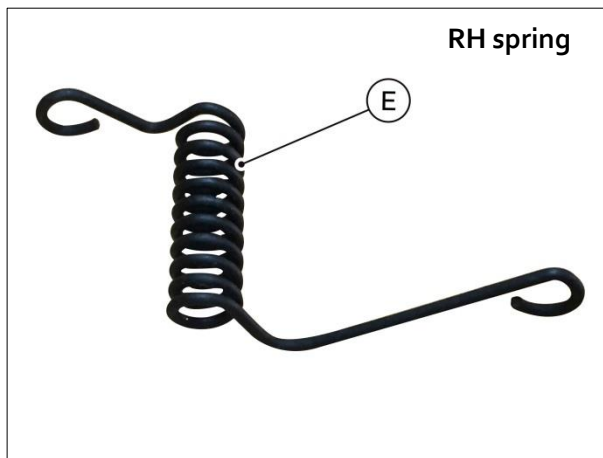


CR151 Panigale V4 Vehicle Update

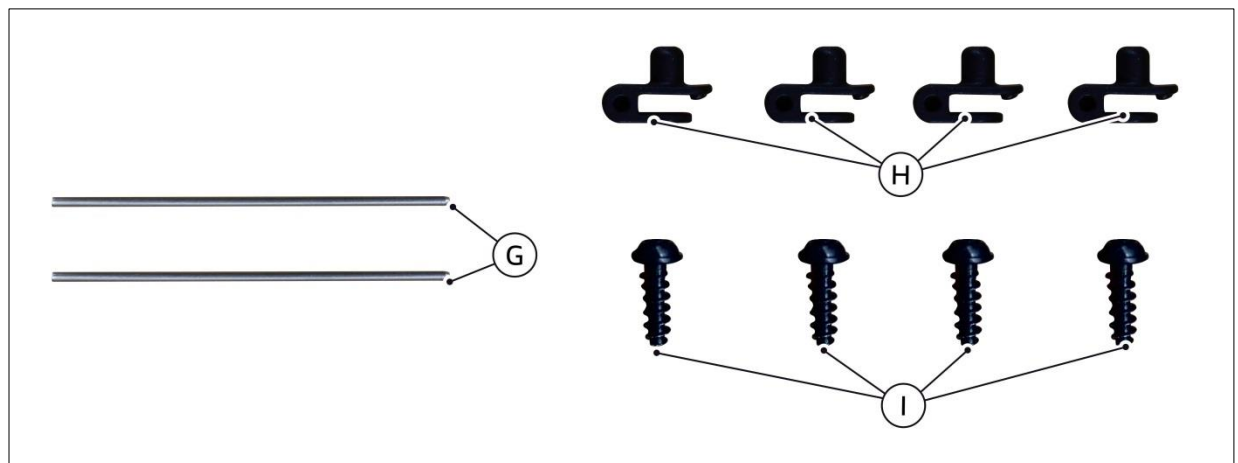
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- the **RH spring (E)** and the **LH spring (F)**.



- the **2 pins (G)**;
- the **4 supports (H)** of deflector pin;
- the **4 M3x10 screws (I)**.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

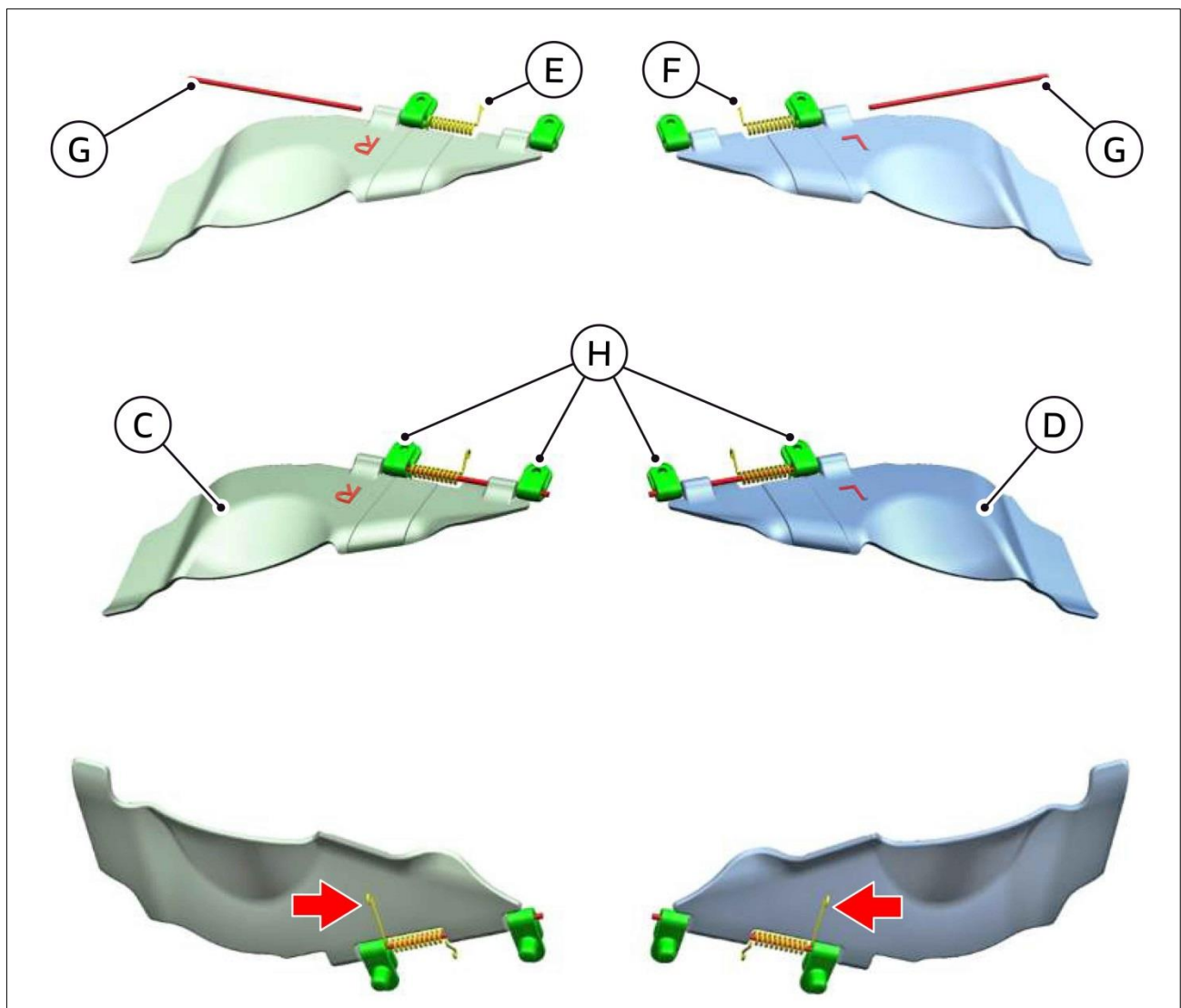
Technical Service Bulletin SRV-TSB-18-006

- e) Assemble the right (E) and left (F) spring with the 4 supports (H) inserting the pins (G) into the holes present on the right (C) and left (D) deflectors as shown.



WARNING

The longest end of the springs must be positioned and oriented underneath deflectors.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

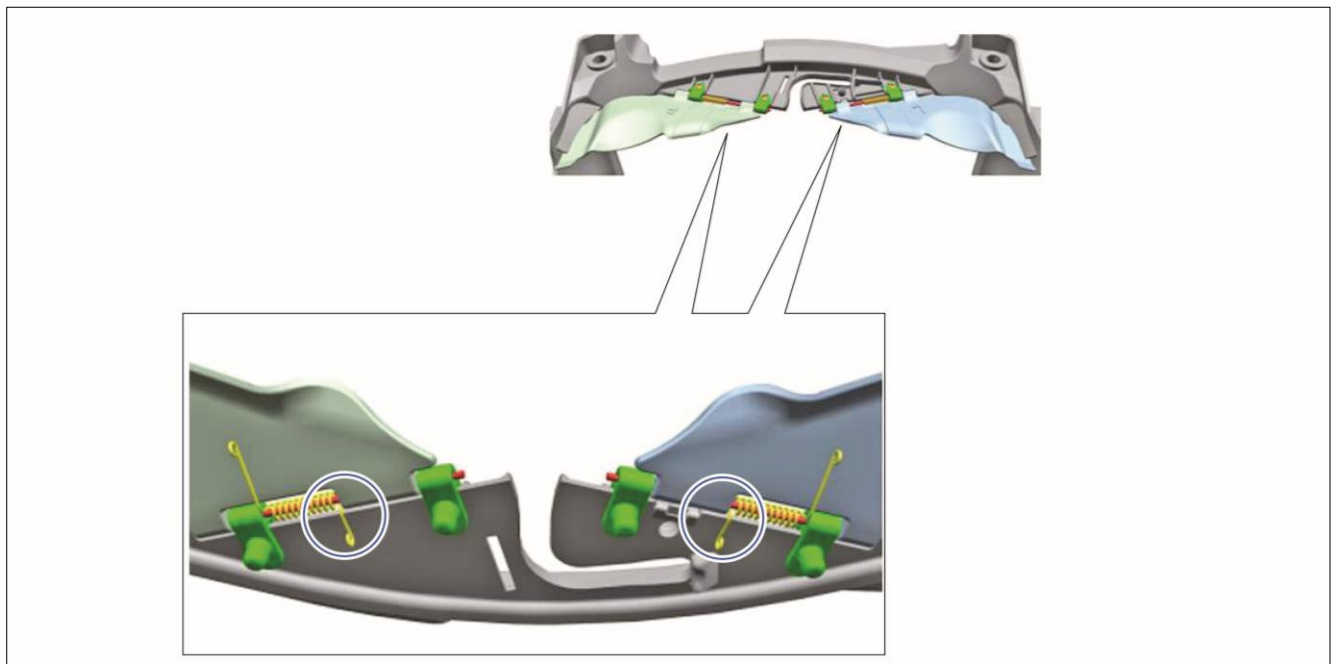
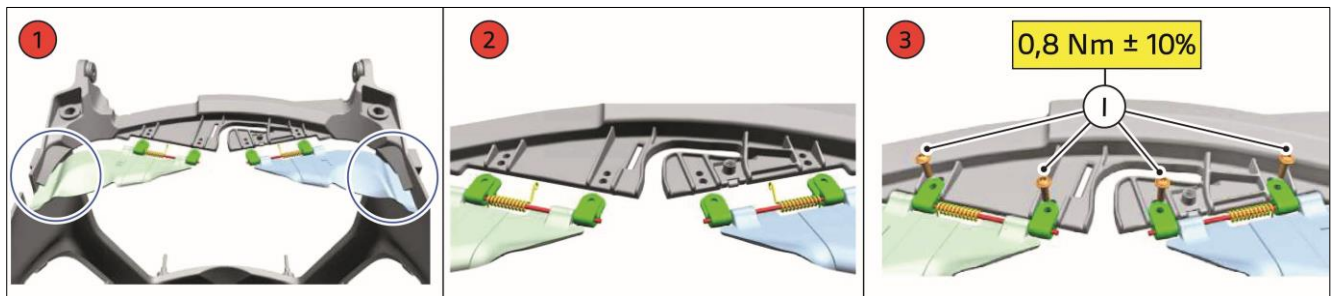
f) Fit the deflectors on the new Radiator Duct as shown.

Tighten the **4 retaining screws M3x10 (I)** to **0.8 Nm $\pm$ 10%**.



WARNING

Re-check the positioning and orientation of the springs to ensure they are installed correctly. The Deflectors should fold downward easily and return to horizontal under spring tension.





CR151 Panigale V4 Vehicle Update

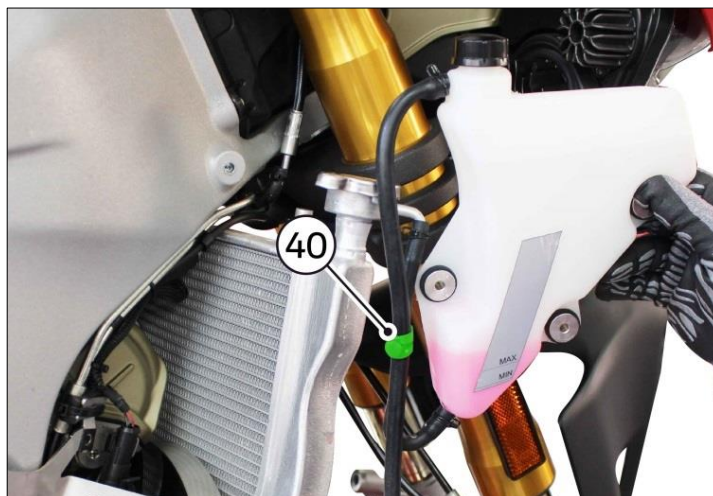
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

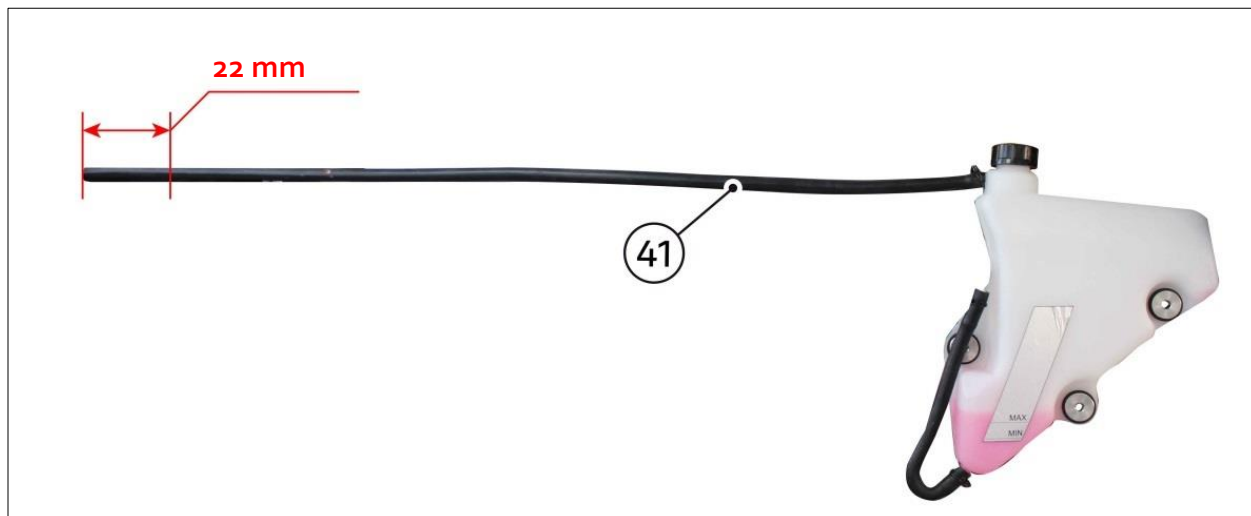
4) New Radiator Duct installation:

a) Before installing the new Radiator Duct:

- release the expansion reservoir from the elastic band and remove the **button tie (40)** L.39 mm.



- mark the upper tube (41) of the expansion vessel with a felt-tip pen at 22 mm from the free end as shown;
- cut **hose (41)** on the mark.



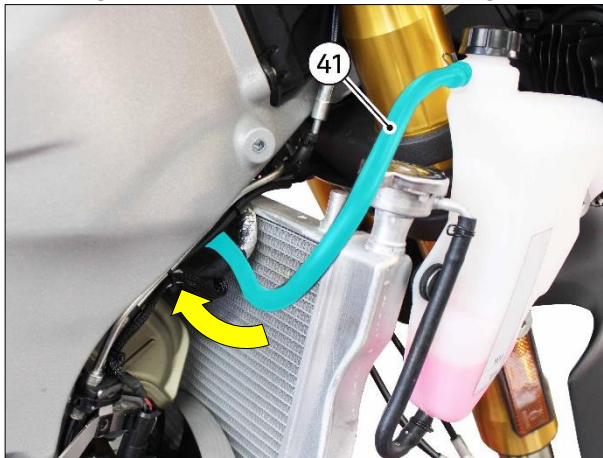


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- slide the **tube (41)** connecting the two expansion vessels from the inner side of the radiator, passing it from right to left between the fan wiring and the ABS cables / front speed sensor



- on the left side of the vehicle, cut the inner fairing following the dotted line as shown.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

b) Install the new Radiator Duct on the vehicle:



NOTE

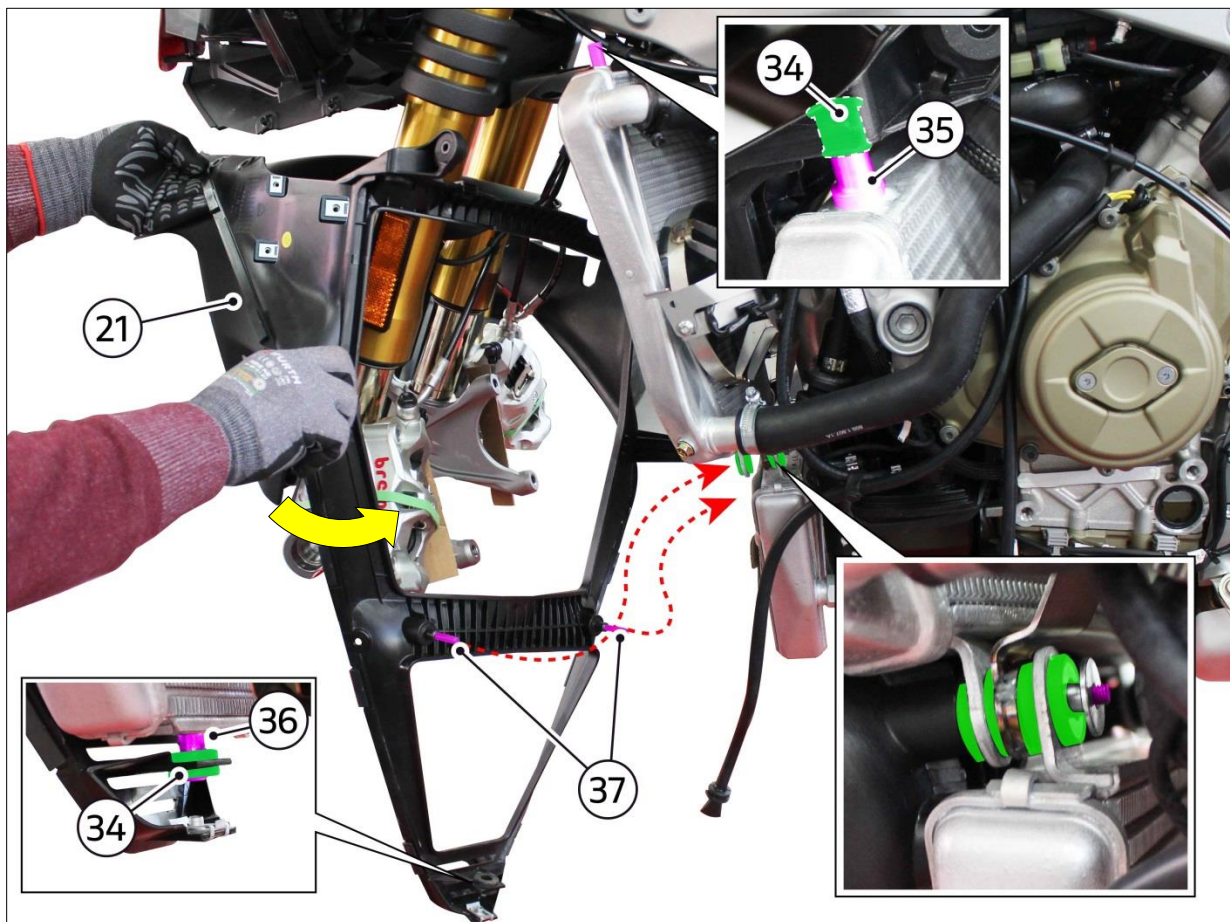
take care not to damage the cooling fins of the radiator and oil cooler during installation of the radiator duct. Repair and/or replacement of physically damaged cooling system components due to negligence will not be covered by Ducati North America



NOTE

To facilitate the insertion of pins and stud bolts inside vibration dampers, lubricate the vibration dampers with rubber lubricant KLÜBERPLUS S 06/100 or equivalent.

- Mount the **2 pins (35)** on the coolant radiator in the **2 grommets (34)** located on the right and left side of upper radiator duct;
- Mount the **pin (36)** in the lower part of the oil cooler in the **grommet (34)**;
- Insert the **2 stand-offs (37)** in the relative grommets in the lower part of the radiator coolant and at the top of the oil cooler.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

d) Install the mounting hardware in the new Radiator Duct:

- the 4 **M5x12 screws (22)**;
- the 2 **special screws (23)** with **washers (24)**;
- the 2 **M5x9 screws with collar (25)** while counter holding **nuts (26)**;
- the 2 **nuts (28)** with **spacers (27)**;

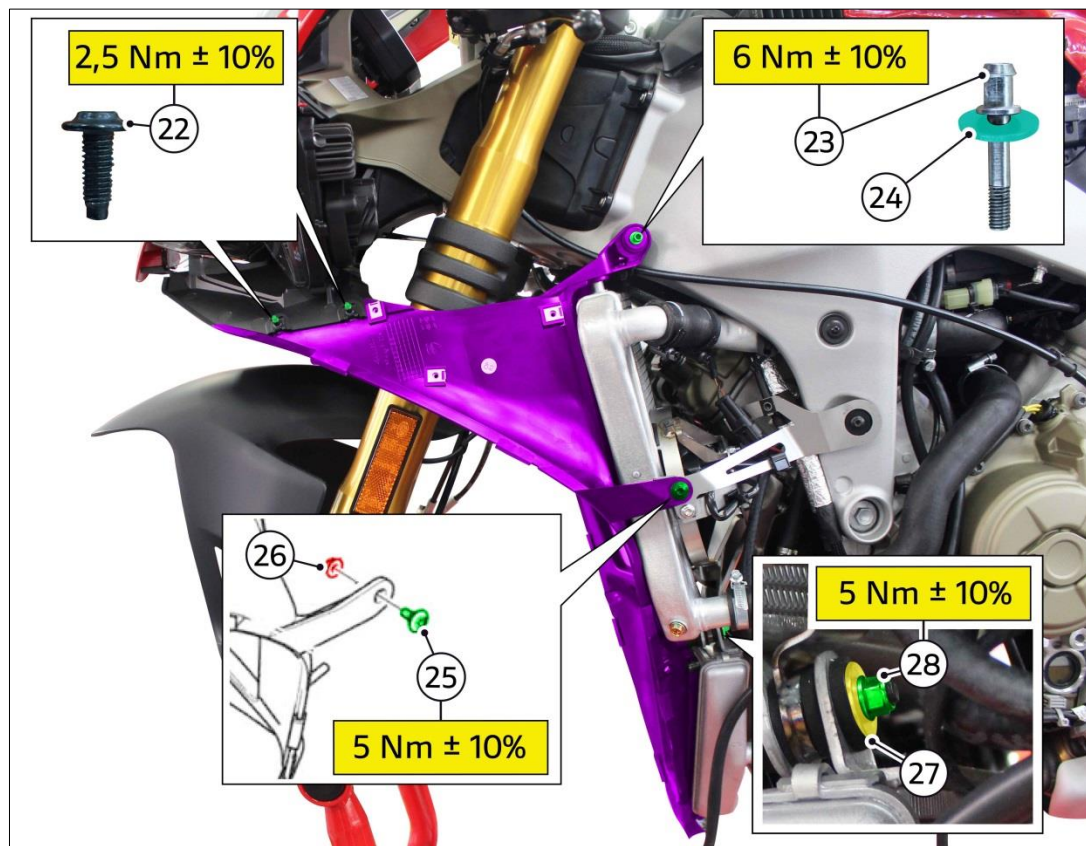
then tighten:

- the 4 **M5x12 screws (22)** to **2.5 Nm $\pm$ 10%**;
- the 2 **special screws (23)** with **washers (24)** to **6 Nm $\pm$ 10%**;
- the 2 **M5x9 screws with collar (25)** while counter holding **nuts (26)** to **5 Nm $\pm$ 10%**;
- the 2 **nuts (28)** with **spacers (27)** to **5 Nm $\pm$ 10%**.



WARNING

When tightening the **nuts (28)** Verify that there is no interference between the fans and the coolant radiator.





CR151 Panigale V4 Vehicle Update

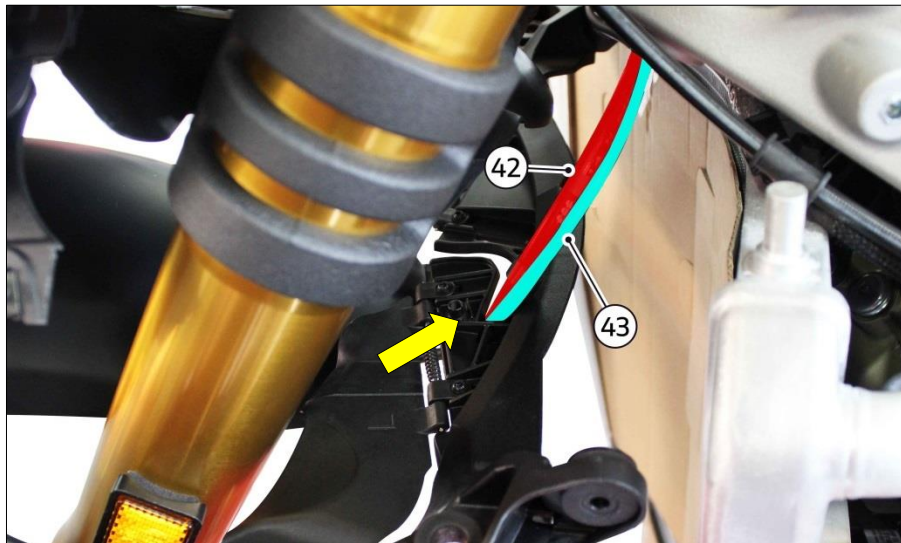
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006



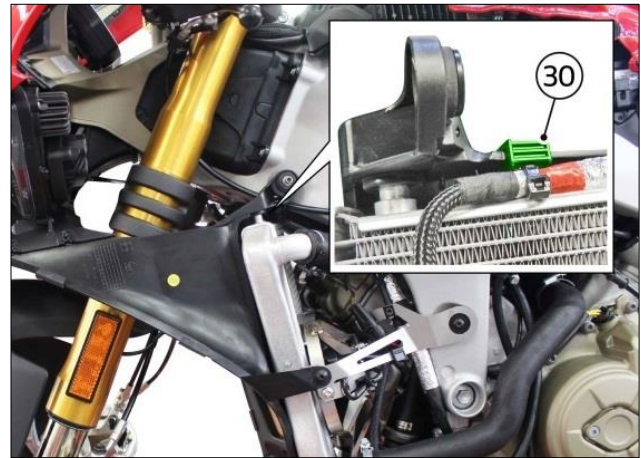
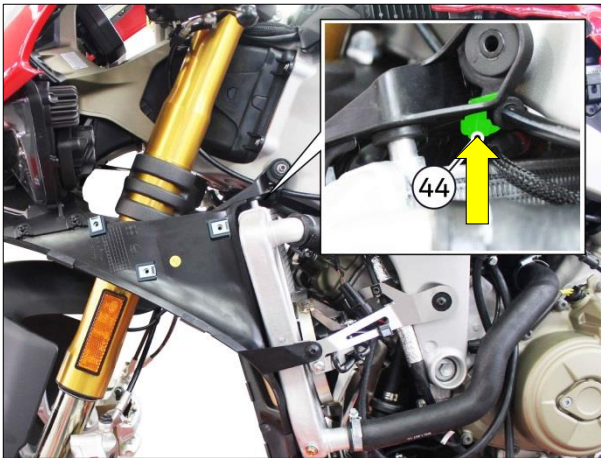
WARNING

While fitting the new Radiator Duct, slide the **speed sensor cable (42)** and the **ABS hose (43)** inside the slot, as shown in the figure.



e) At vehicle LH side:

- fit a **self-locking tie (44)** to secure the clutch cable to the Radiator Duct;
- refit the **special cable clip (30)** to the Radiator Duct in the point shown in the figure.



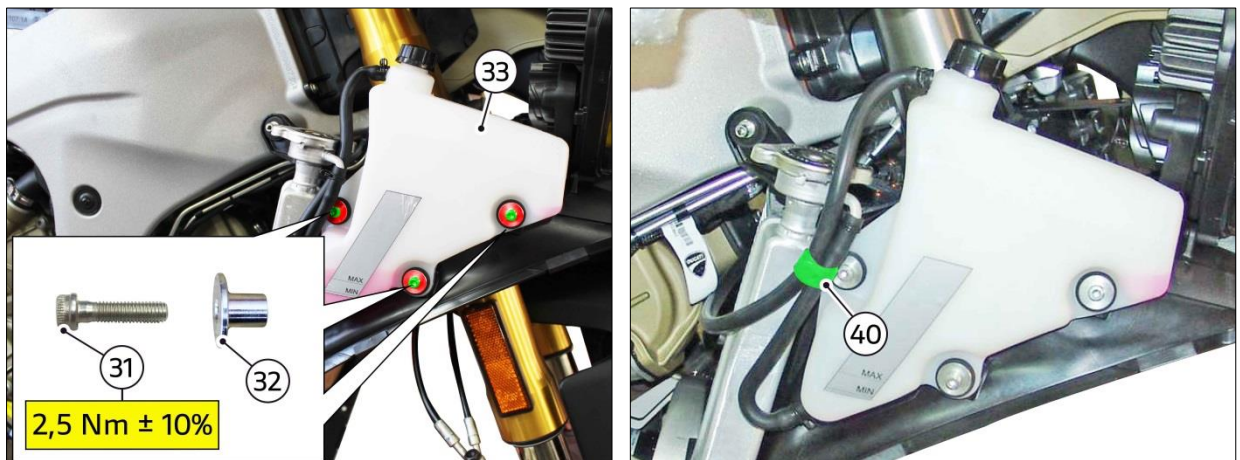


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

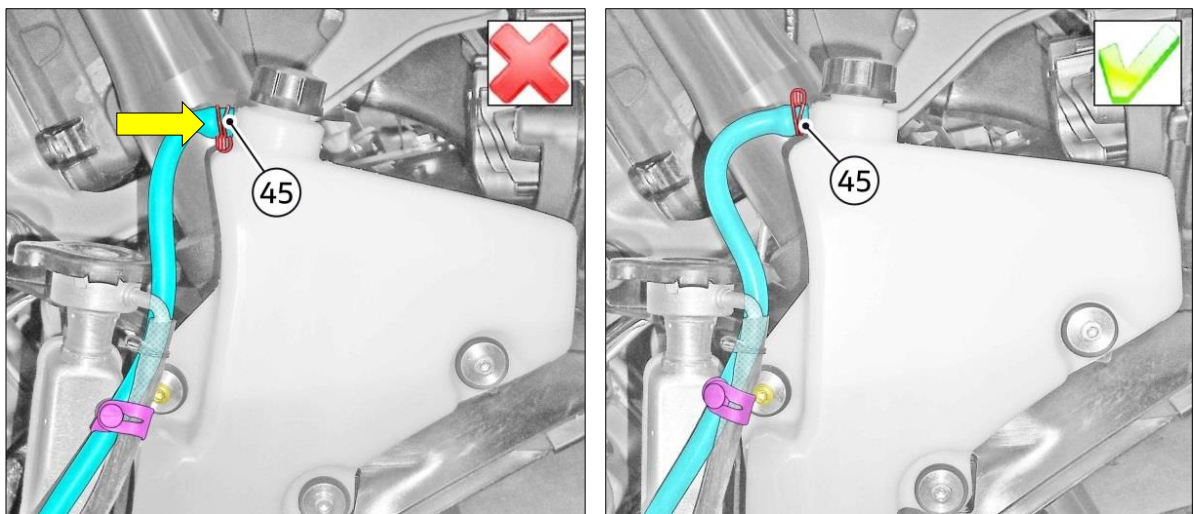
- f) Install the first **expansion reservoir (33)** at right side by tightening the 3 **M5x20 screws (31)** with **spacers (32)** to **2.5 Nm $\pm$ 10%**.
- g) Apply the **button tie (40)** L.39mm as shown in the figure.



WARNING

The connecting hose of the two expansion reservoirs must be routed with a curve wide enough to avoid possible kinking.

Make sure that **hose clamp (45)** is correctly aimed.

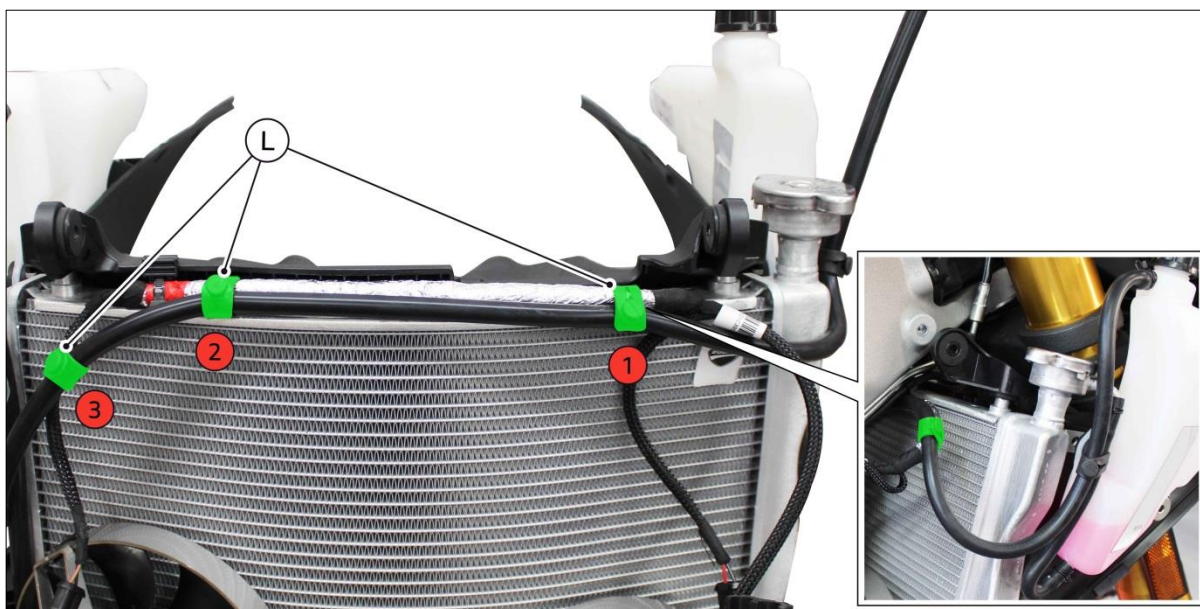




CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

- h) Take 3 button ties L.39mm from kit Part no.69928581A.
- i) Connect the bypass hose to the fan wiring harness with the 3 **button ties (L)** as shown.



- j) From kit Part no.69928581A take the **expansion reservoir (L)**, 3 **spacers (M)** with collar, 3 **vibration dampers (N)** and 3 **M5x20 screws (O)**.
- k) Fit the 3 **vibration dampers (N)** on the **expansion reservoir (L)**.



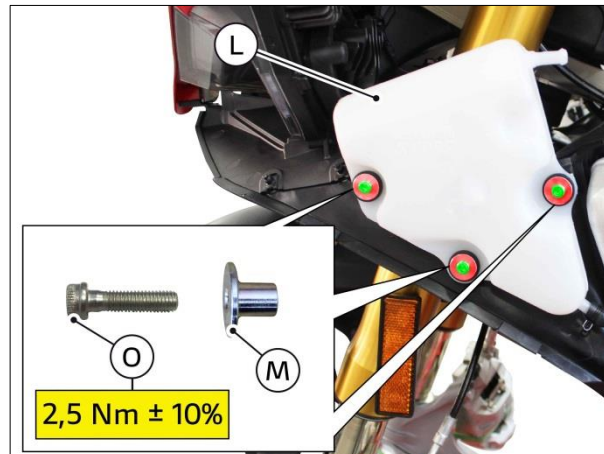


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- l) Install the second **expansion vessel (L)** on the left side of the Radiator Duct with the **3 M5x20 screws (O)** with **spacers (M)** to **2.5 Nm $\pm$ 10%**.



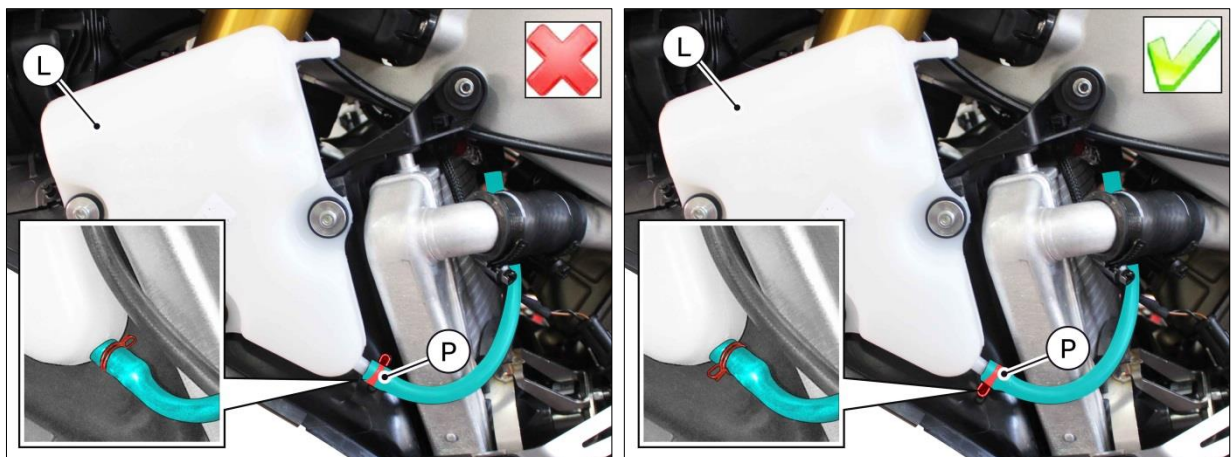
- m) Take one **Hose Clamp (P)** from kit Part no.69928581A.

- n) Connect the bypass hose to the lower nozzle of the **expansion vessel (L)** and secure it using the supplied **Hose Clamp (P)**.



WARNING

Check the correct orientation of the hose clamp (P).





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

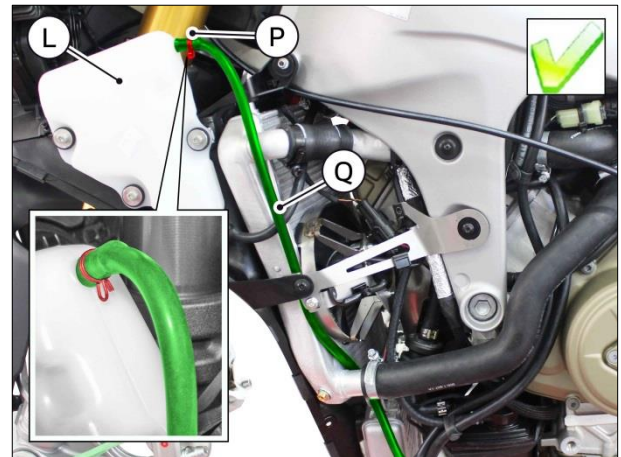
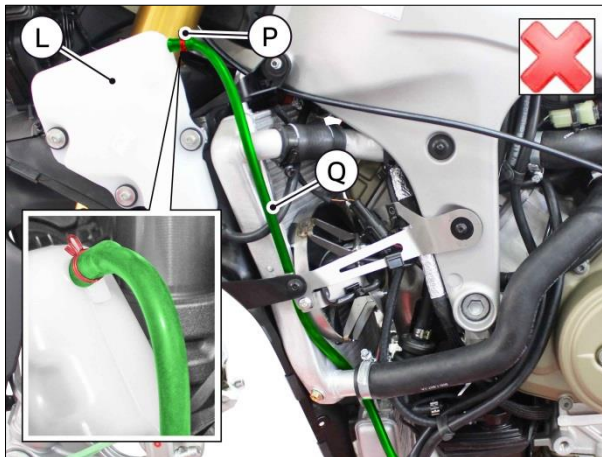
Technical Service Bulletin SRV-TSB-18-006

- o) From kit Part no.69928581A take the second **Hose Clamp (P)**, the **breather tube (Q)** (L.50cm) of the expansion reservoir and the **Y-shaped fitting (R)**.
- p) Connect the **breather tube (Q)** close to the lower neck of the **expansion reservoir (L)** and secure it in place using the **Hose Clamp (P)**.



WARNING

Make sure that **Hose Clamp (P)** is correctly aimed.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

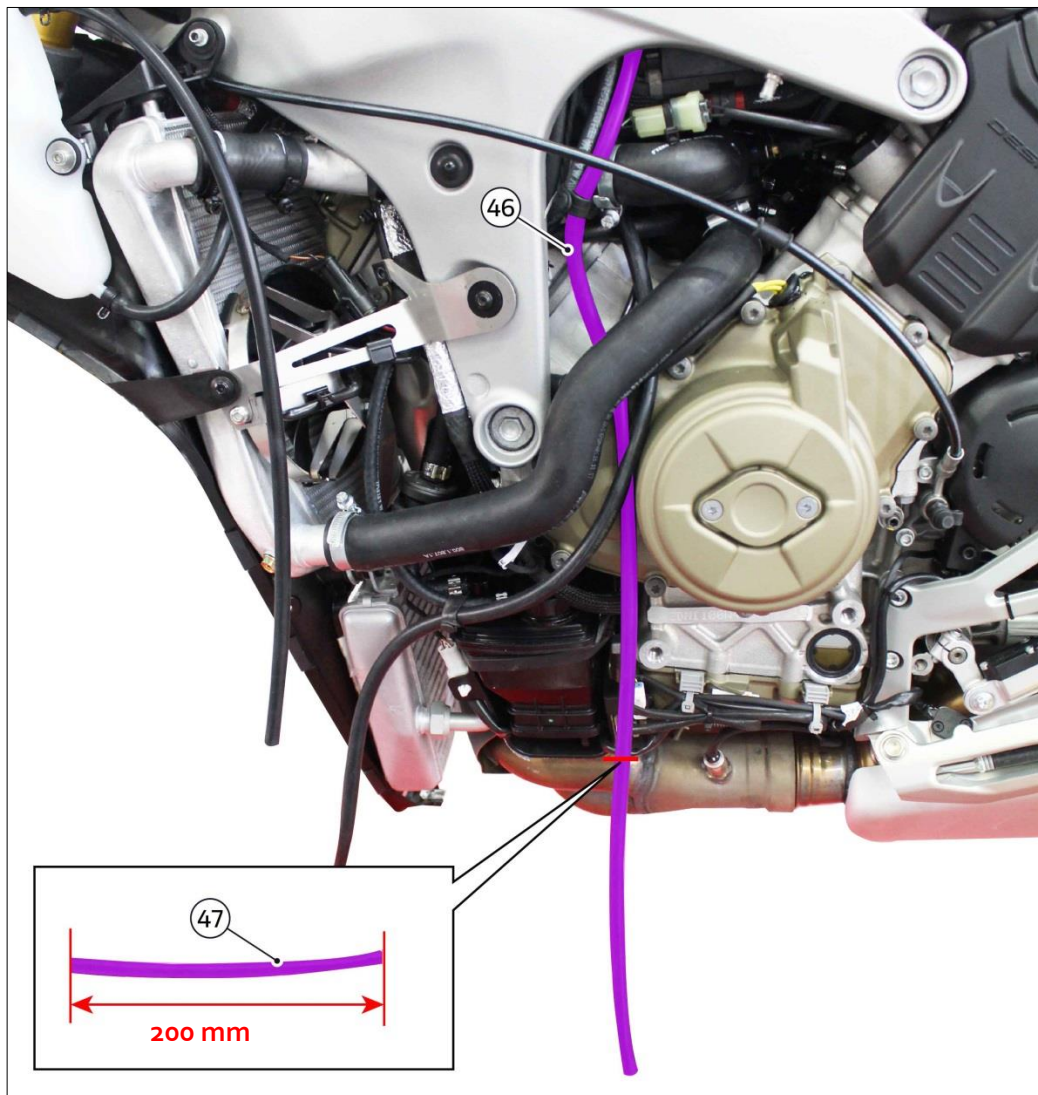
q) Mark the fuel tank breather pipe (46) at 200 mm with a marker, measured starting from the free end as shown

Cut tube (46) on the mark.



NOTE

Retain the 200mm length of tubing, it must be reused to connect the Y fitting to the drain on the left side fairing.



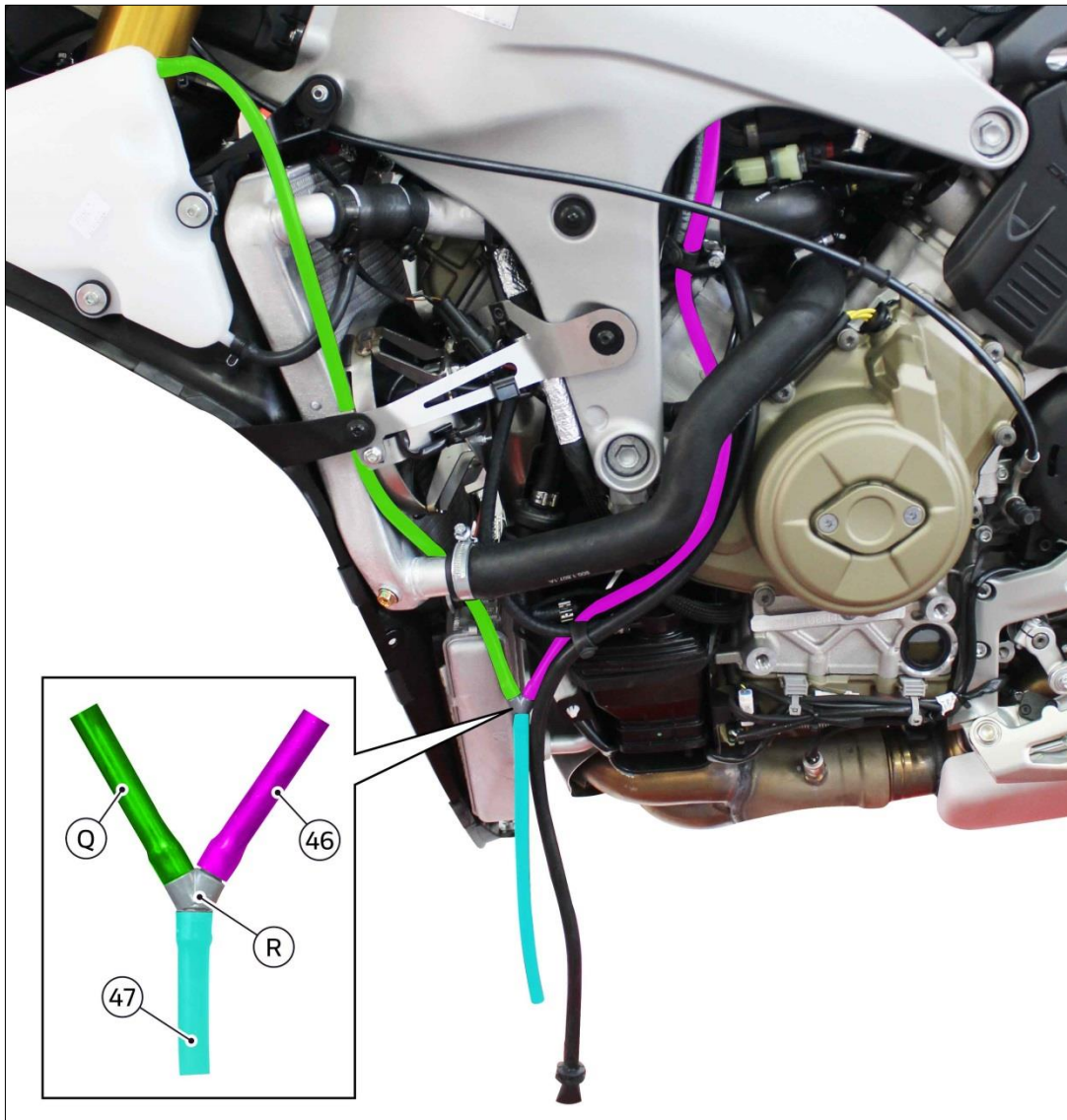


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- r) Route the coolant drain tube (Q) from the expansion tank as shown in the figure. Connect the coolant drain and the fuel tank breather pipe (46) through the Y fitting (R). Connect the 200mm length of cut tubing (47) to the bottom of the Y fitting.



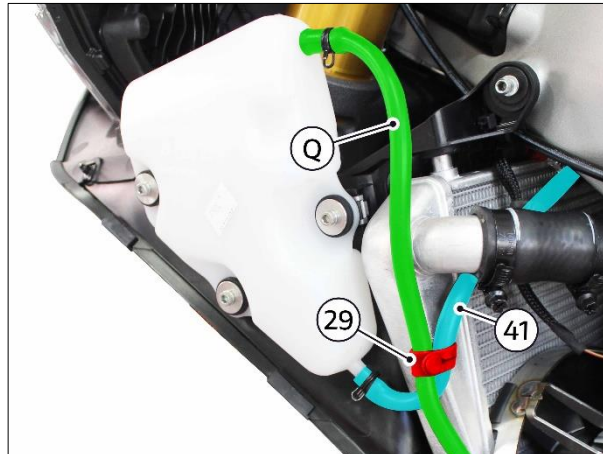


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

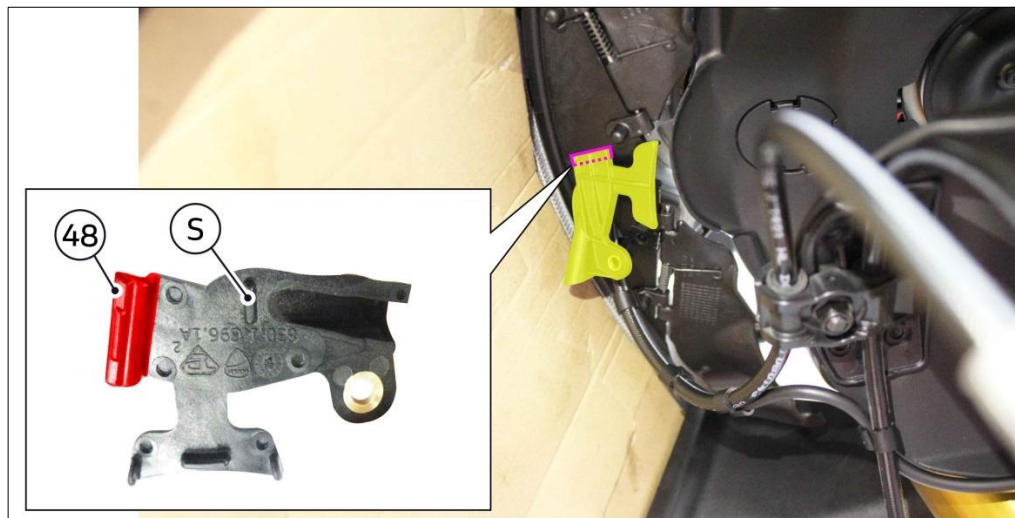
Technical Service Bulletin SRV-TSB-18-006

- s) Locate the **button tie (L)** L.39mm from the kit Cod.69928581A and join the **coolant bypass tube (41)** to the **expansion tank drain tube (Q)** as shown



- t) Locate the following from the kit Cod.69928581A, the **guide plate (S)** and the **M5x12 screw (T)**

- u) Insert the **tab (48)** of the **guide plate (S)** into the slot on the Radiator Duct and orient it as shown in the figure to guide the front brake hose and the speed sensor cable.





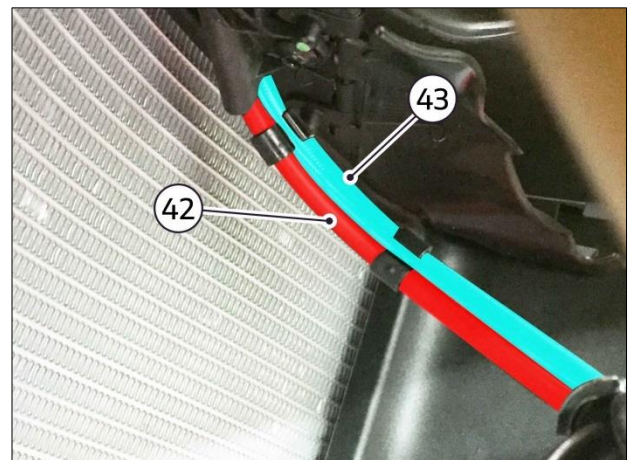
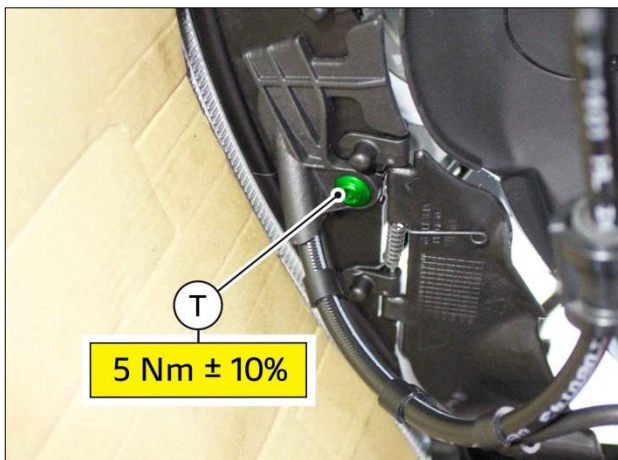
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- v) Start the **M5x12 screw (T)** making sure that the **ABS hose (43)** is positioned above the **speed sensor cable (42)** as shown.

Tighten the **M5x12 screw (T)** to **5 Nm $\pm$ 10%**.





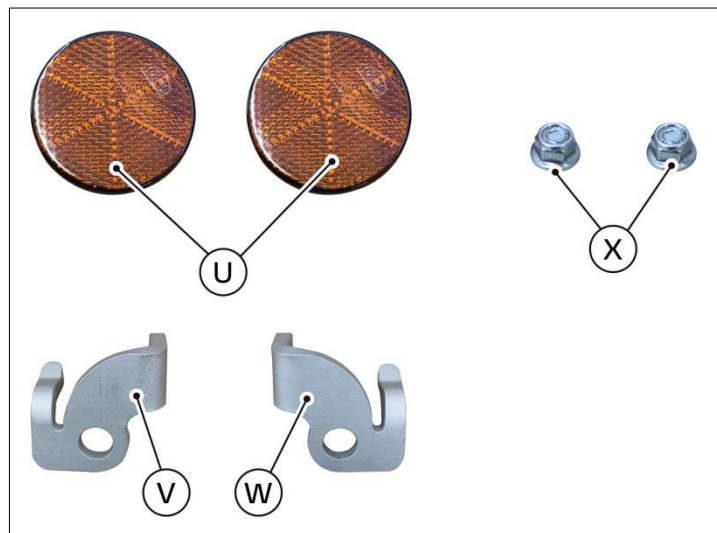
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

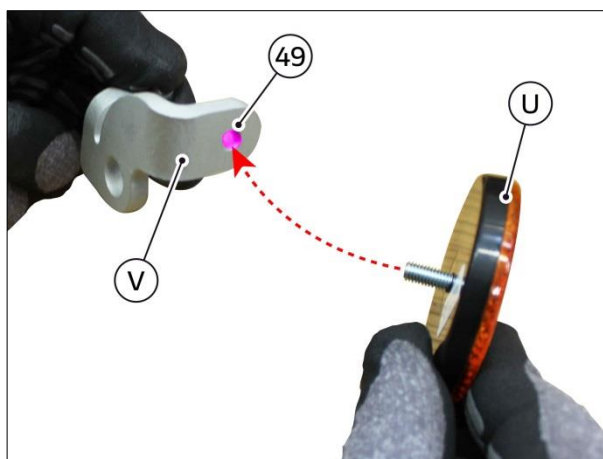
5) New reflectors preparation:

- a) From kit Part no.69928581A take the **2 round reflectors (U)**, the **LH (V)** and **RH (W)** reflector support plates and the **2 nuts (X)**.



- b) Installation of the left circular reflector is shown below. Repeat procedure for the right reflector

- Insert the threaded pin of the **reflector (U)** inside the **small hole (49)** of the **left plate (V)**.
- install the **nut (X)** and tighten to **3 Nm $\pm$ 10%**.



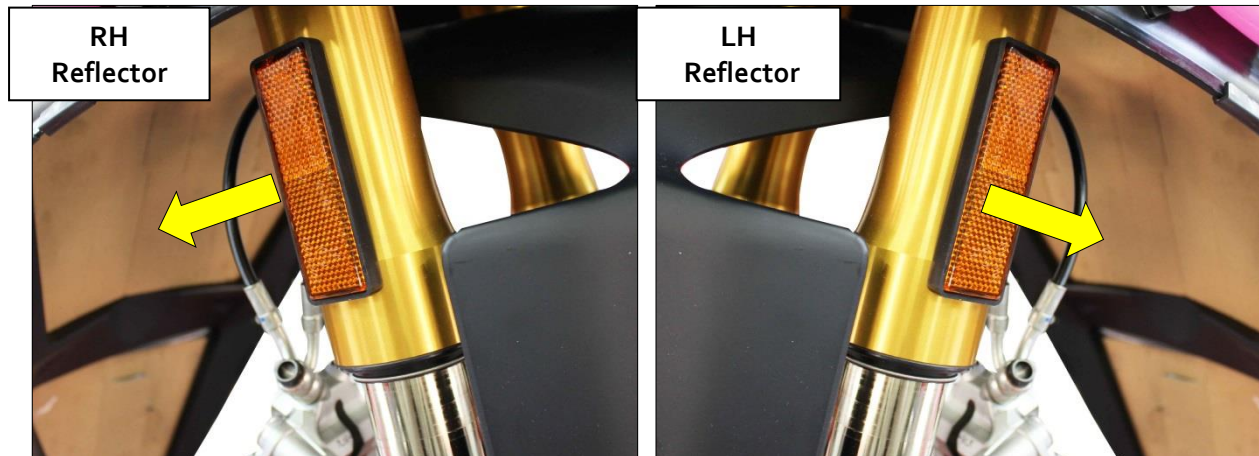


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- c) Remove the RH and LH reflectors from the fork sleeves.



NOTE

Clean adhesive residue from fork sleeves.



CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

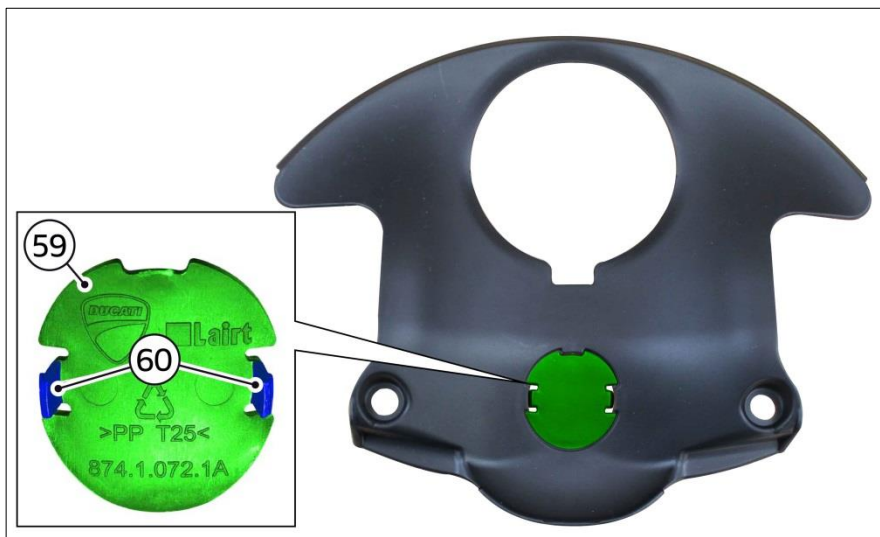
Technical Service Bulletin SRV-TSB-18-006

6) New splash guard preparation and installation:

a) Take the new splash guard from kit Part no.69928581A.



b) Remove the **plug (59)** from the old splash guard and install it on the new guard, as shown making sure that the two **tabs (60)** have been inserted.



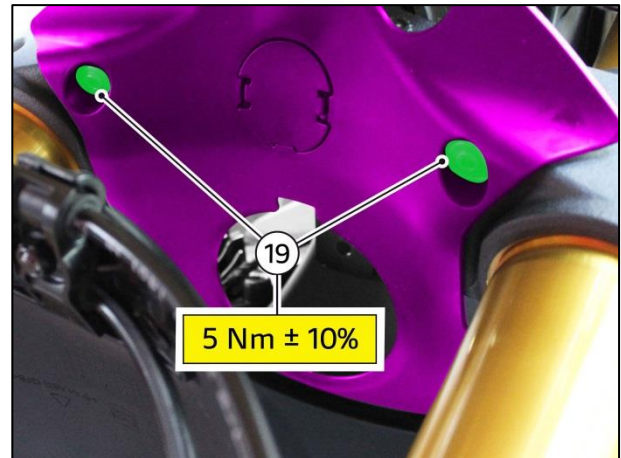
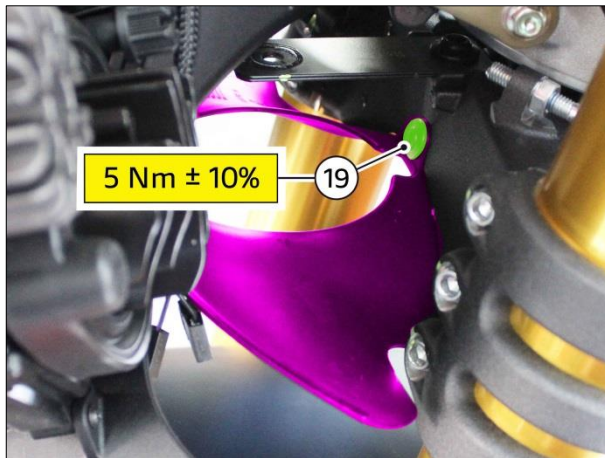


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

c) Fit the new splash guard by tightening the 3 **M5x9 screws (19)** to **5 Nm $\pm$ 10%**.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

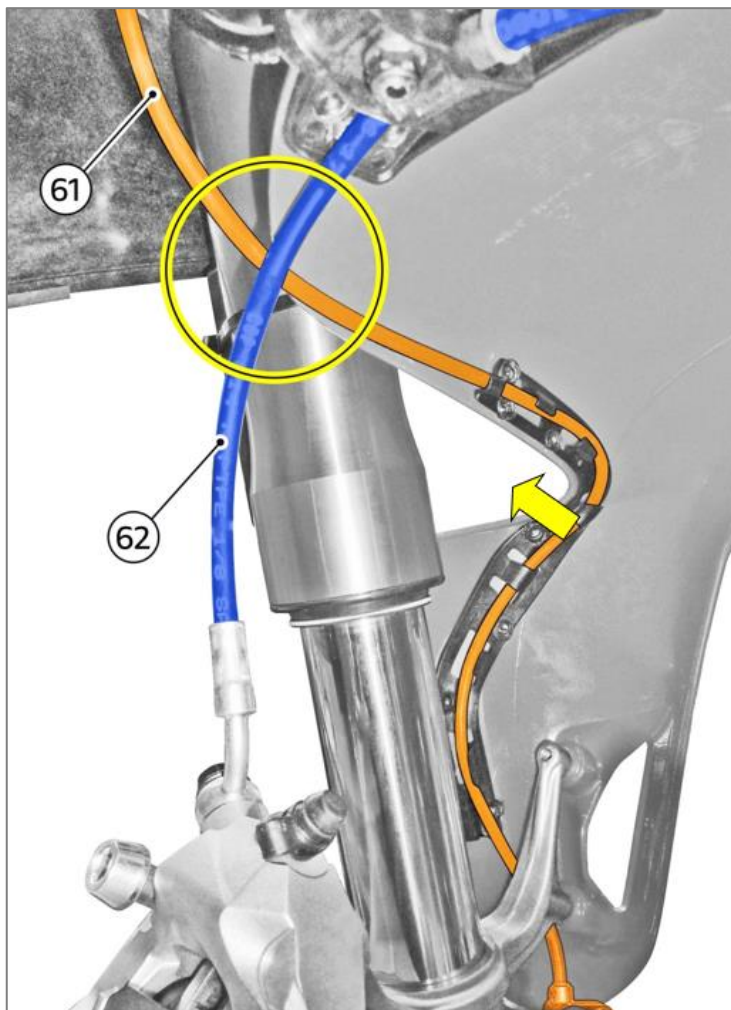
7) Cable guide installation on front speed sensor cable:



NOTE

Before carrying out this operation, make sure that:

- the front **speed sensor cable (61)** is routed ABOVE the calliper brake **hose (62)**;
- the front **speed sensor cable (61)** slides inside the teeth present inside the front mudguard (LH side).
-





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

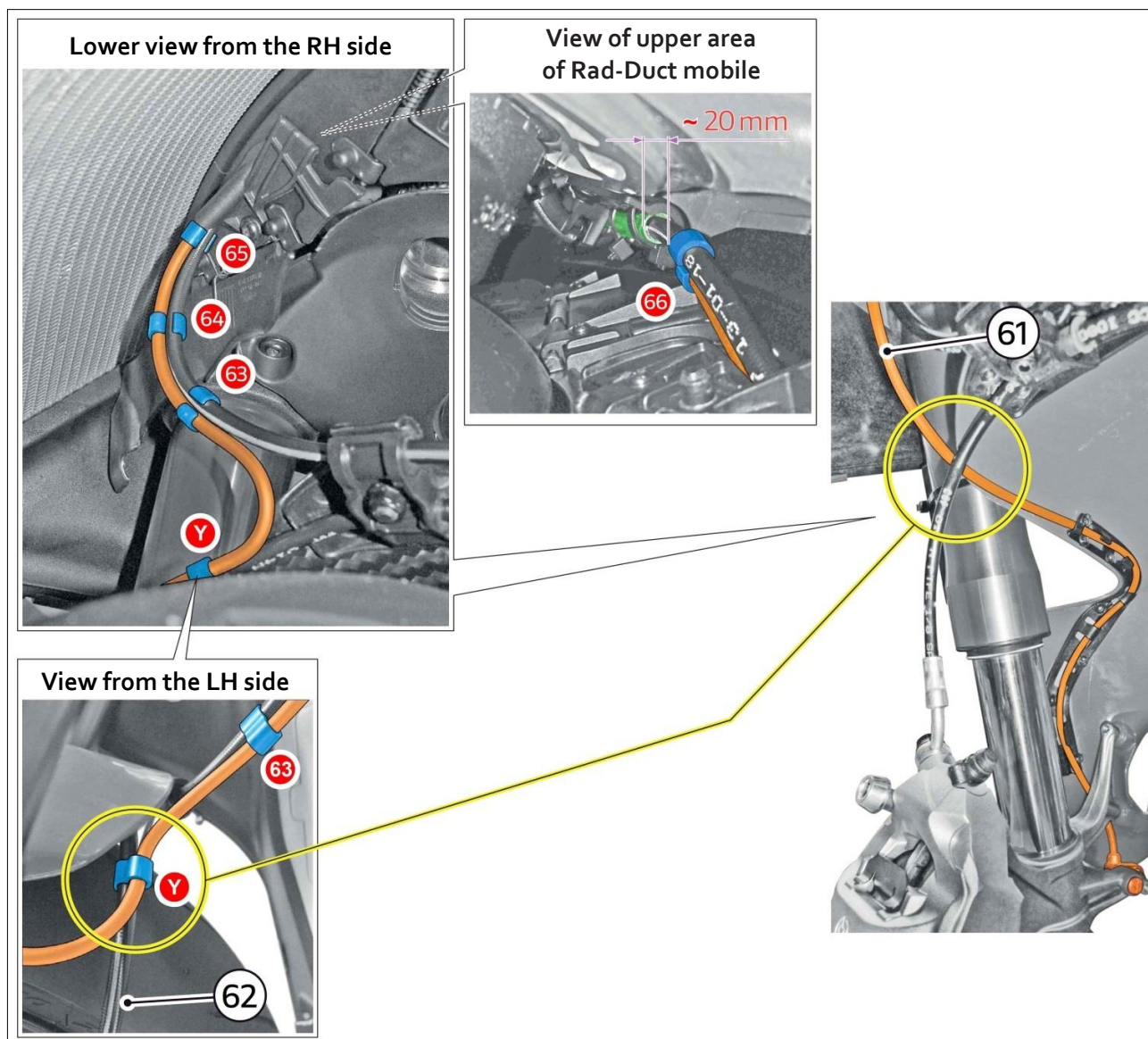
Technical Service Bulletin SRV-TSB-18-006

- a) From kit Part no.69928581A take the **cable clip (Y)** and join the front **speed sensor cable (61)** to the front brake calliper **hose (62)** as shown



NOTE

Make sure that **cable guides (63), (64), (65) and (66)** securing front speed sensor cable to front brake calliper hose are positioned as shown. The **cable guide (66)** must be positioned at the minimum distance (approx. 20 mm) from the tie strap mount.





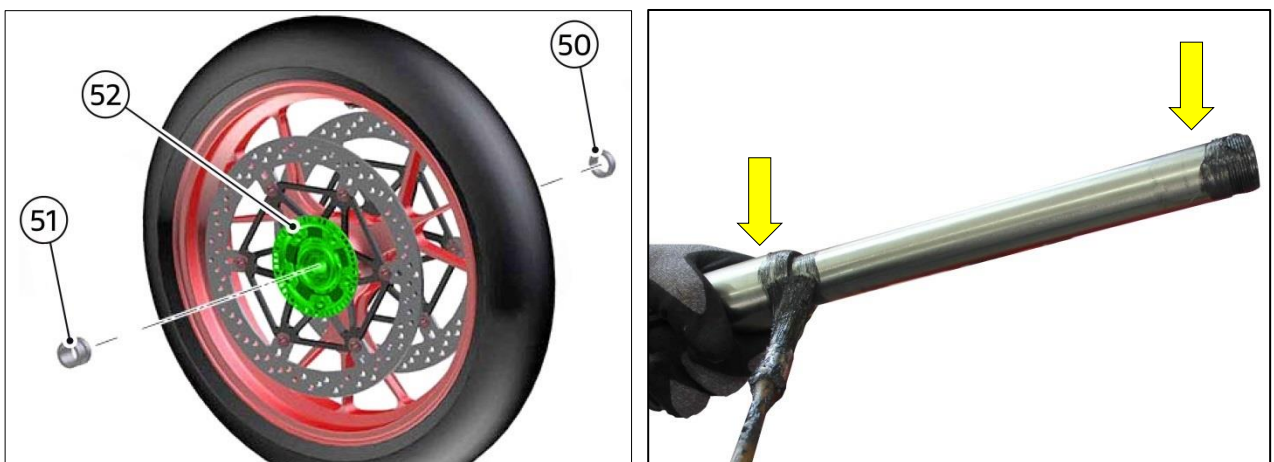
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

d) Assemble the front wheel by following the procedure below:

- Fit the **"short" spacer (50)** on the side of the front wheel that does NOT have the speed sensor wheel
- Fit the **"long" spacer (51)** on the side of the front wheel which has the **speed sensor wheel (52)**.
- Apply grease to the front wheel shaft (Shell GADUS S2 V220 AD 2 or equivalent) as shown in the figure.



- Fit the wheel between the fork legs and drive the wheel shaft fully home on hub.
- Apply grease (Shell GADUS S2 V220 AD 2 or equivalent) on the thread and underhead of nut (54) and start nut and washer (53) on axle shaft.
- Tighten nut (54) to **63 Nm $\pm$ 5%** while counter holding with the special tool Part no.800070139.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

8) New reflector installation:

- a) Install the RH and LH round reflectors by following the procedure below:
- Apply grease (Shell GADUS S2 V220 AD 2 or equivalent) on the thread and underhead of the 4 M10x1.25 screws (55) retaining the front brake callipers.
 - Install the RH and LH front brake callipers on the discs with the **spacer (56)** in the lower fastening point, and the reflector mounting bracket in the upper fastening point.



NOTE

The assembly of the right reflector is shown below, repeat for left side.





CR151 Panigale V4 Vehicle Update

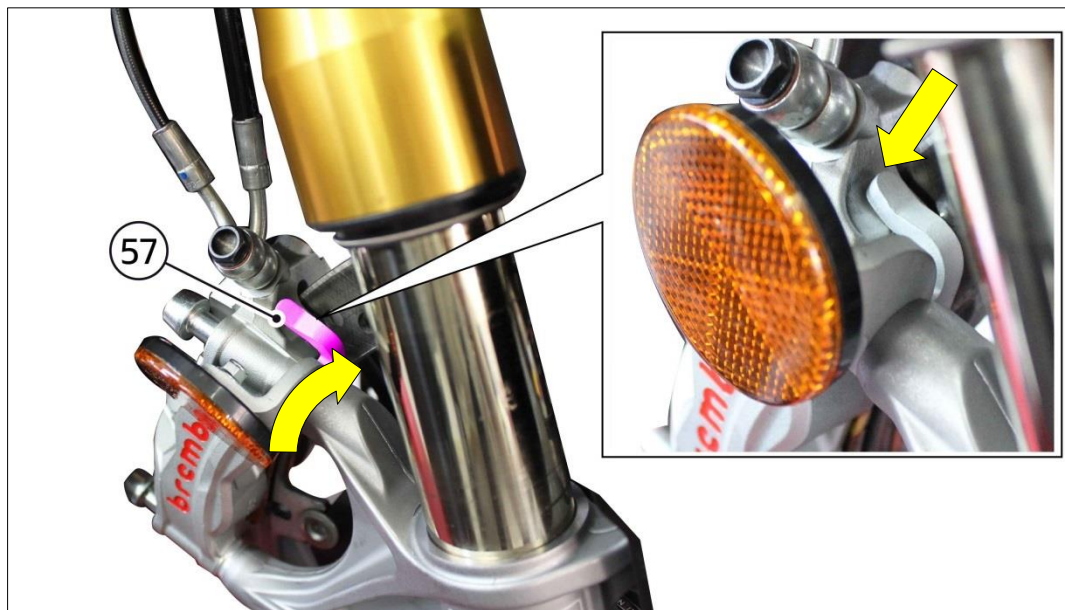
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

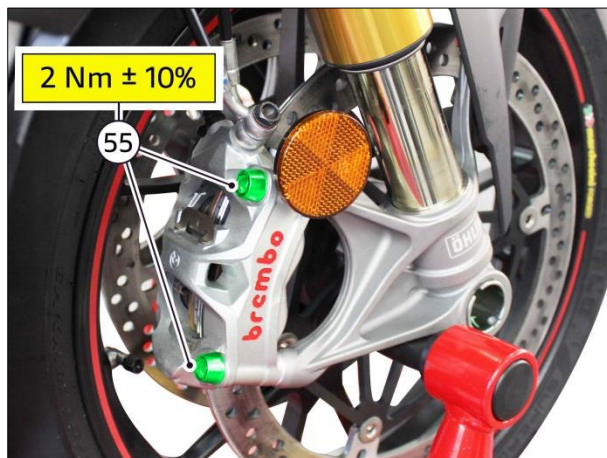


NOTE

Orient the reflectors so the tab (57) contacts the brake caliper as shown in the figure



- Pre-tighten the 4 M10x1.25 screws (55) to a torque of 2 Nm $\pm$ 10% then operate the front brake lever repeatedly to pressurize the braking system.



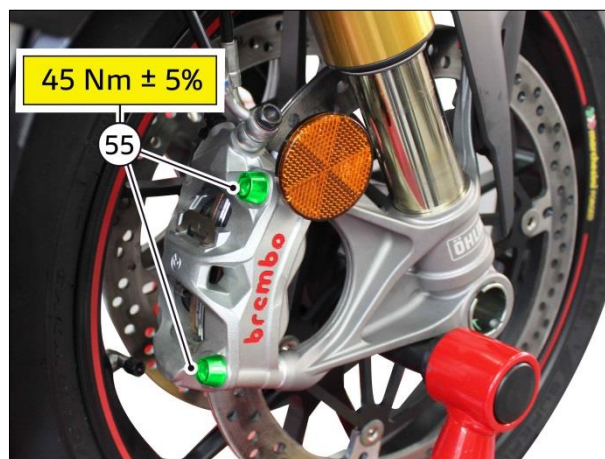


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

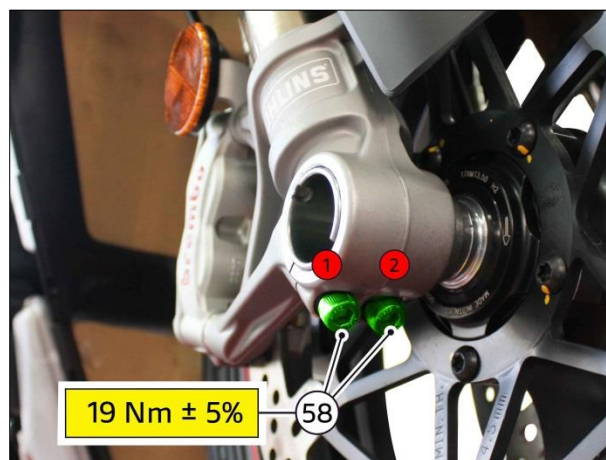
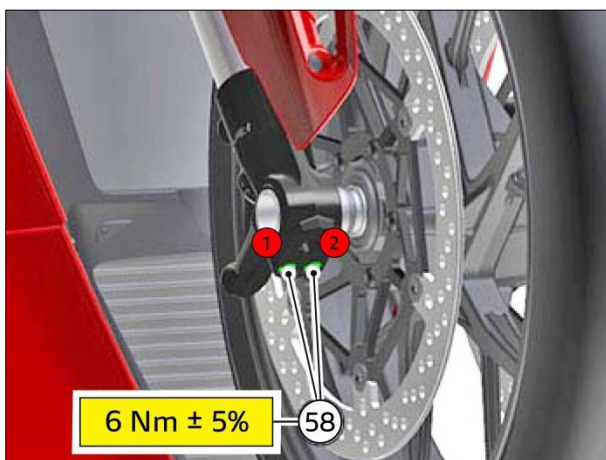
Technical Service Bulletin SRV-TSB-18-006

- With the front brake lever still held under pressure, tighten the **4 M10x1.25 screws (55)** to **45 Nm $\pm$ 5%**.



- Remove the front paddock stand.
- Push the handlebar downwards so that the legs of the fork can settle on the front axle
- Tighten the **4 axle clamp screws (58)** in 1-2-1 sequence to the specified torque for vehicle model.

Panigale V4	Panigale V4 S - Panigale V4 Speciale
Sachs forks	Öhlins forks





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

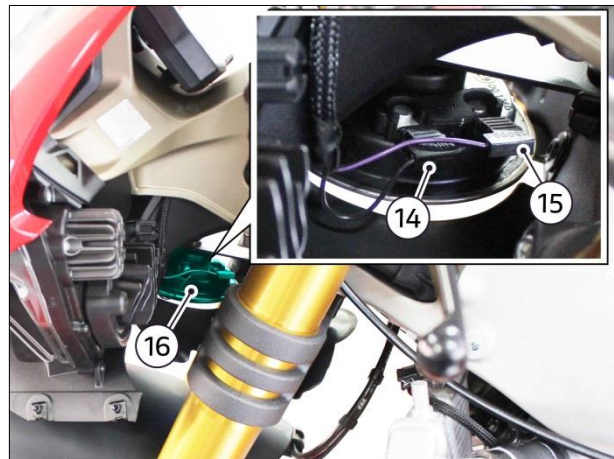
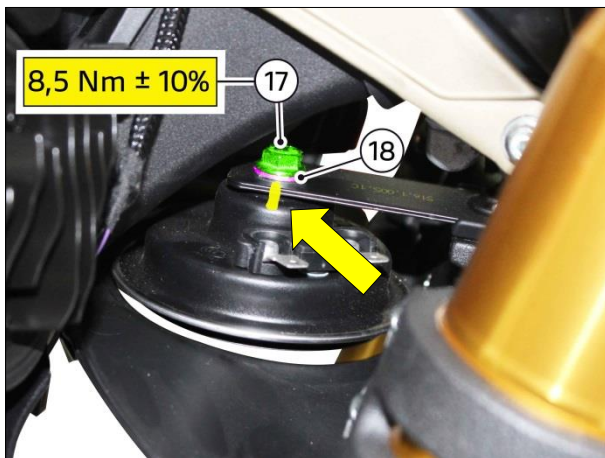
Technical Service Bulletin SRV-TSB-18-006



NOTE

Completely rotate the handlebar to the left and to the right in order to check for the correct operation of the RH and LH deflectors.

- d) Position **horn (16)** on bracket, aiming it as shown in the figure, and respecting the timing mark previously made with the felt-tip pen. Turn steering to left for access and tighten **nut (17)** with **washer (18)** to **$8.5 \text{ Nm} \pm 10\%$** .
- e) Connect the horn **connectors (14)** and **(15)** as shown in the figure.



WARNING

Check horn correct operation.

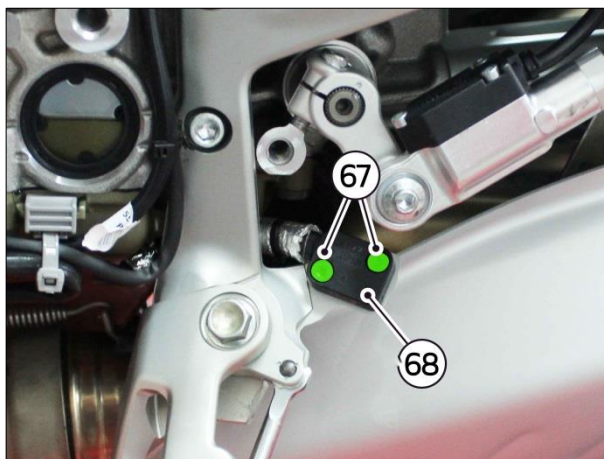


CR151 Panigale V4 Vehicle Update

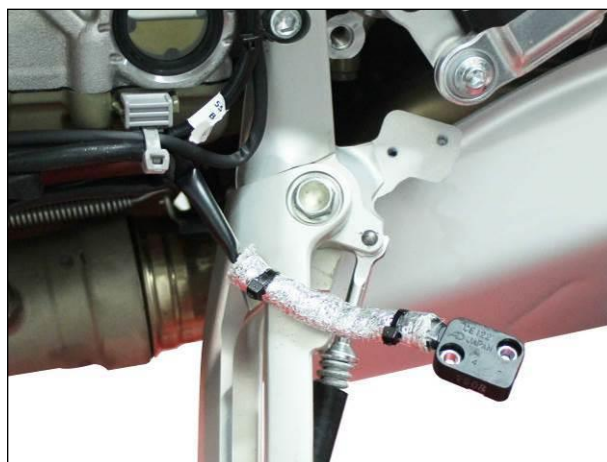
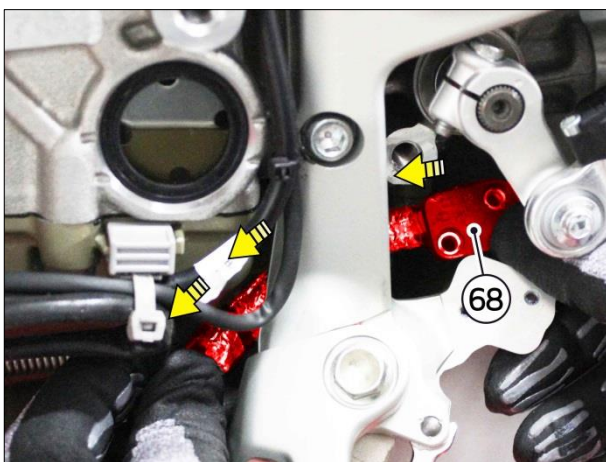
Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

9) Side stand sensor cable re-routing:

- a) Remove the 2 **M4x10 screws (67)** securing the **side stand sensor (68)**.



- b) Slide out the **side stand sensor (68)** by moving it forwards as shown.



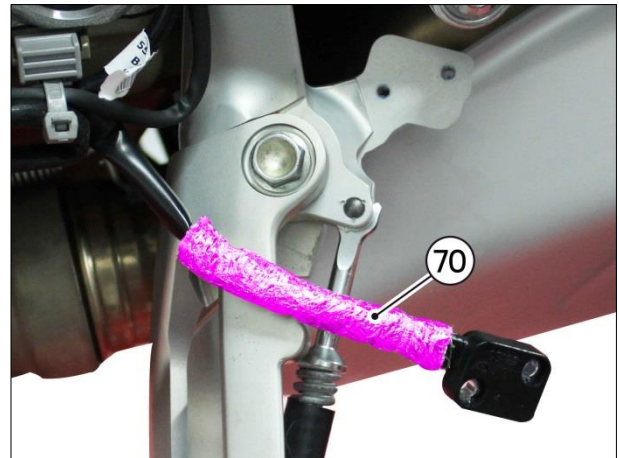
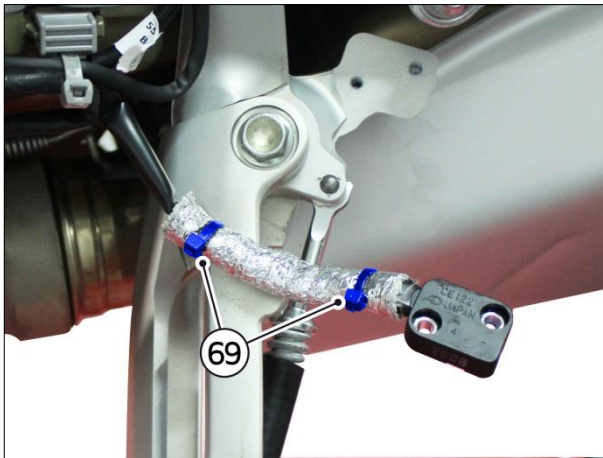


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

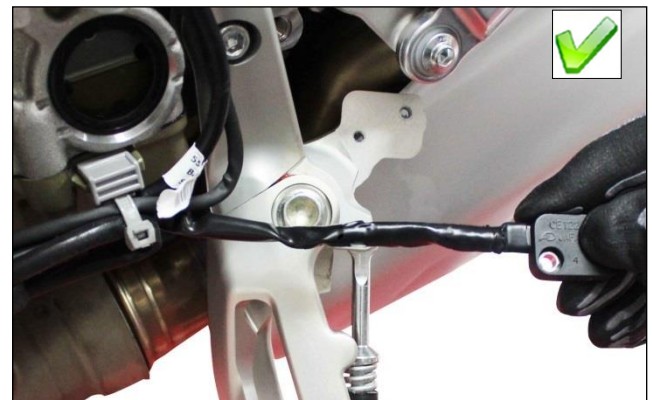
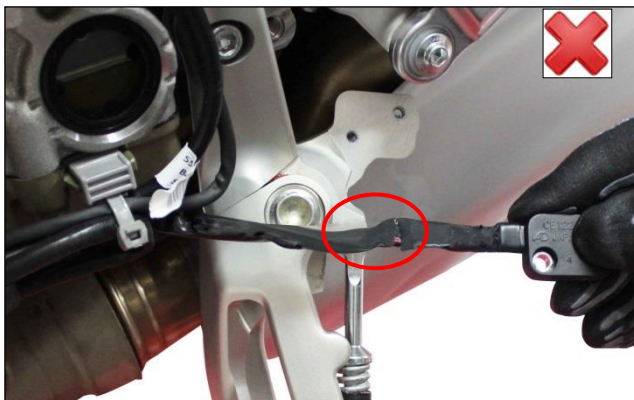
Technical Service Bulletin SRV-TSB-18-006

- c) Remove the 2 self-locking ties (69) and the heat reflective material (70) from the side stand sensor cable.



WARNING

Check condition of the side stand sensor cable as shown below



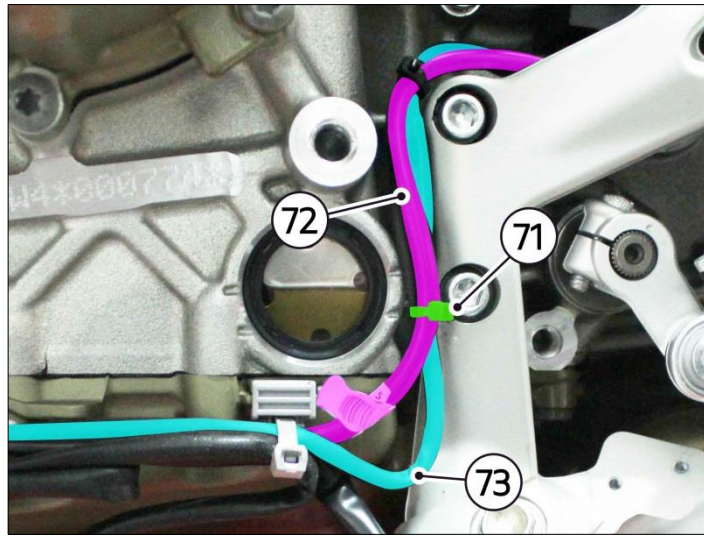


CR151 Panigale V4 Vehicle Update

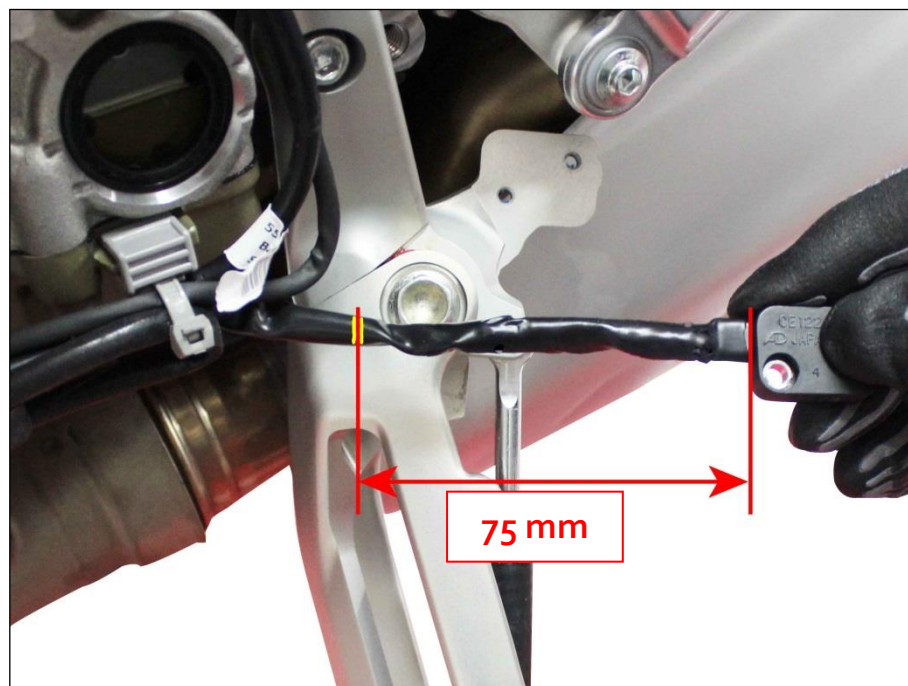
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- d) Remove the **self-locking tie (71)** joining together the **Quick Shift cable (72)** and the **gear sensor cable (73)**.



- e) Use a felt-tip pen to mark the side stand sensor cable at 75 mm measured from the lower end of the stand sensor, as shown.



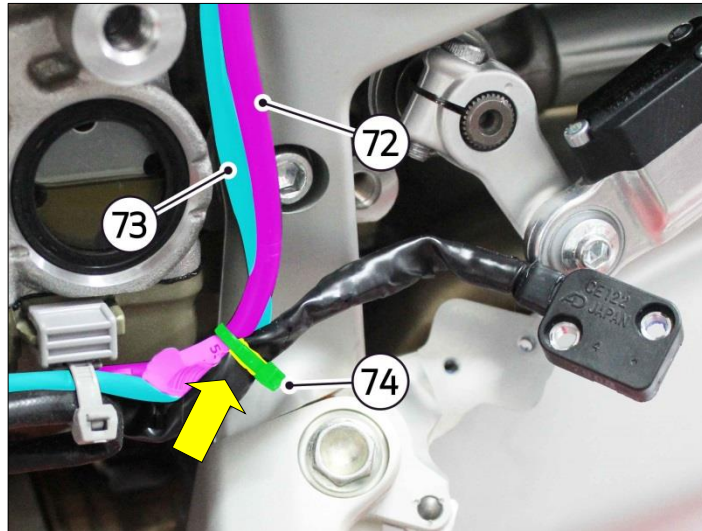


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- f) Join the side stand sensor cable to the **Quick Shift cable (72)** and **gear sensor cable (73)** through the **small self-locking tie (74)** at the point previously marked.



- g) Thoroughly clean previously-applied threadlocker from the threads of the 2 M4x10 screws and female threads inside plate. Use of LOCTITE SF 7063 solvent-based cleaner is recommended.

- h) Apply **Loctite 243** to the threads of the 2 **M4x10 screws (11)**.





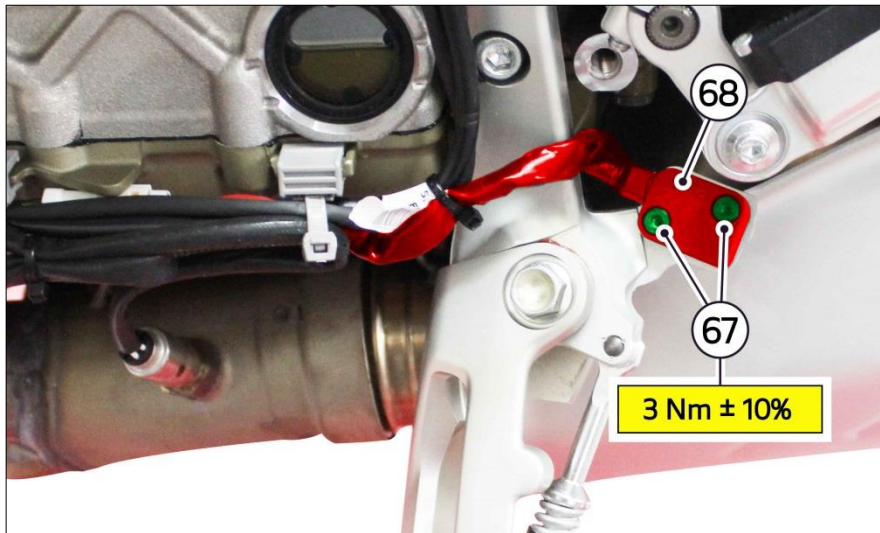
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- i) Install the **side stand sensor (68)** as shown.

Tighten the 2 **M4x10 screws (67)** **3 Nm $\pm$ 10%**.



WARNING

Make sure that the side stand moves freely, and check the correct operation of the safety switch.

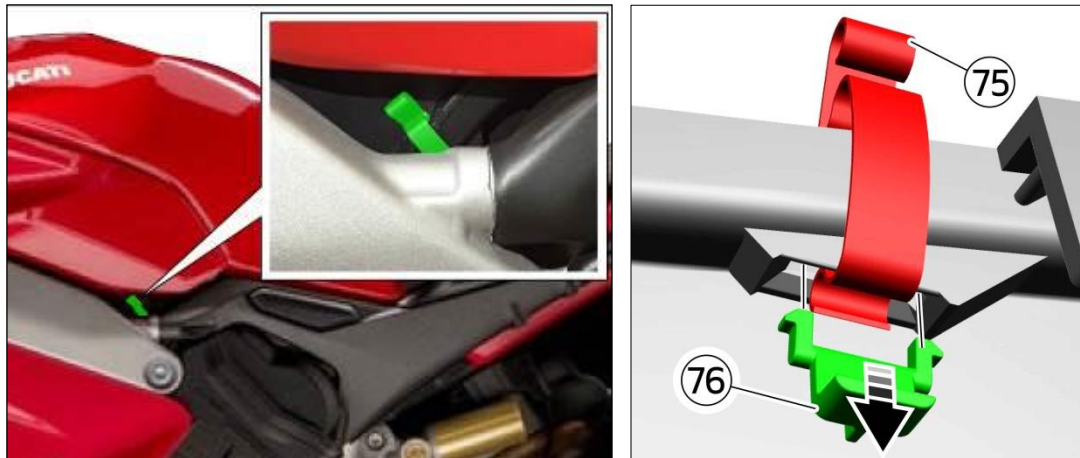


CR151 Panigale V4 Vehicle Update

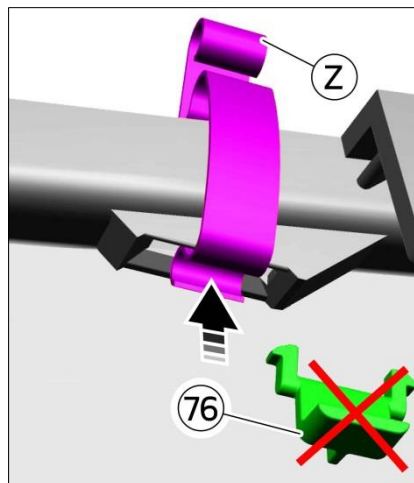
Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

10) Airbox fastening visible clip installation:

- a) Remove the Airbox retaining **clip (75)** and **support (76)**; discard the support



- b) From kit Part no.69928581A take the new **clip (Z)** and install it **WITHOUT** the **support (76)**.



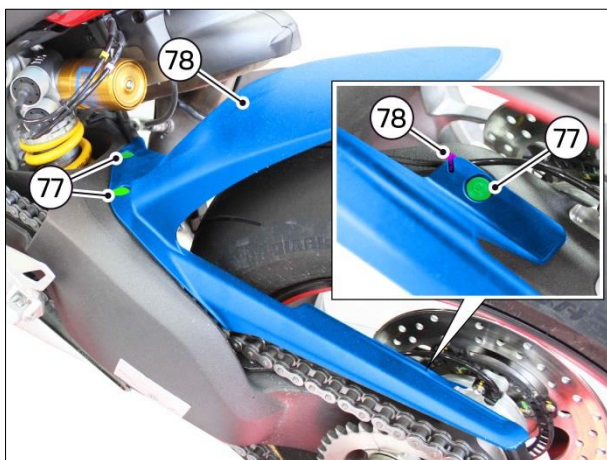


CR151 Panigale V4 Vehicle Update

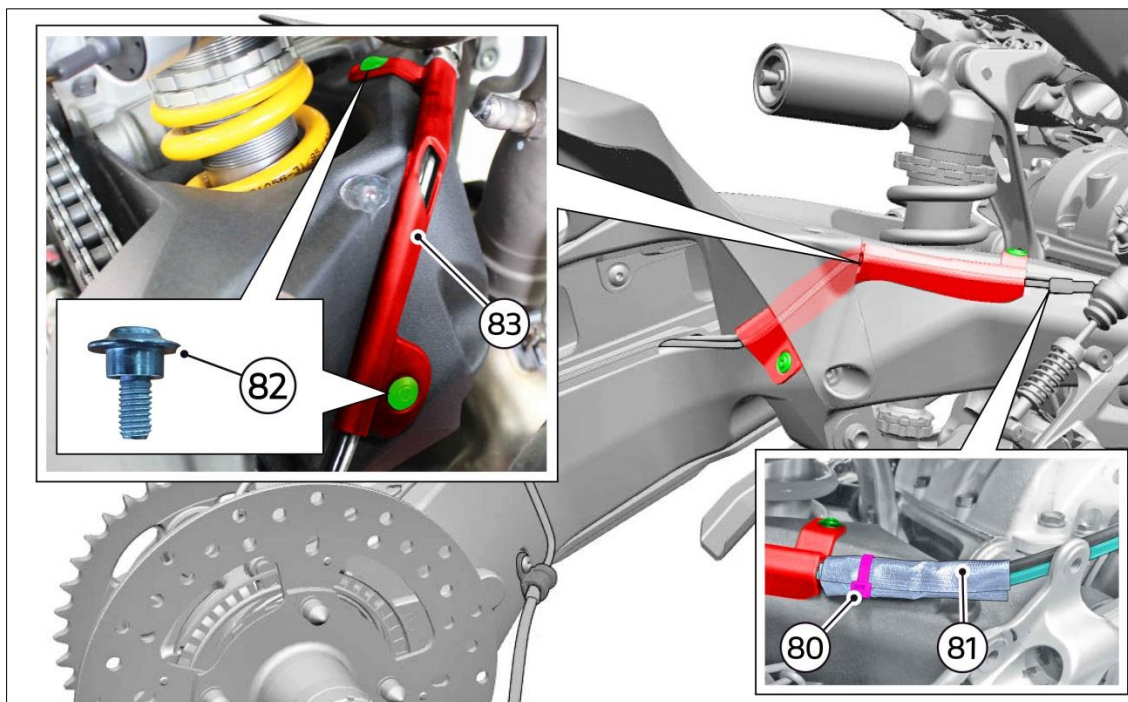
Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

11) Hose guide on swing arm installation:

- a) Remove the **4 M5x9 screws (77)** with collar securing the rear **mudguard (78)** to the swing arm.
- b) Remove the **self-locking tie (79)** securing rear speed sensor cable to mudguard.



- c) Remove the **self-locking tie (80)** and the **heat reflective sheath (81)**.
- d) Remove the **2 M5x9 screws (82)** securing **hose guide (83)** to swing arm, then slide it out.



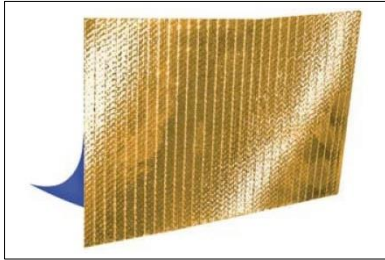


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

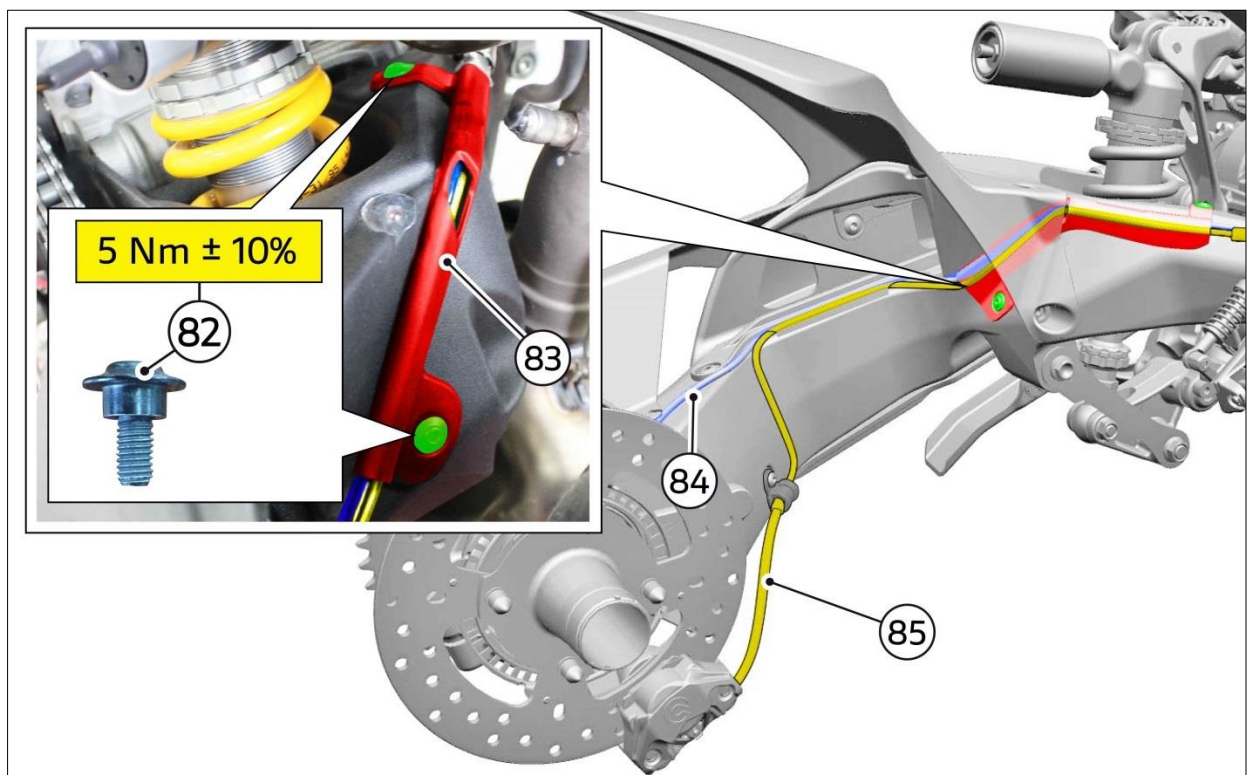
Technical Service Bulletin SRV-TSB-18-006

- e) From kit Part no.69928581A take the new heat reflective sheath and the new hose guide made of different material with improved resistance to high temperatures.



- f) Install the new guide on the swingarm by positioning the **rear speed sensor cable (84)** and the rear brake calliper fluid **hose (85)** as shown.

Tighten the 2 **M5x9 screws (82)** to **5 Nm $\pm$ 10%**.

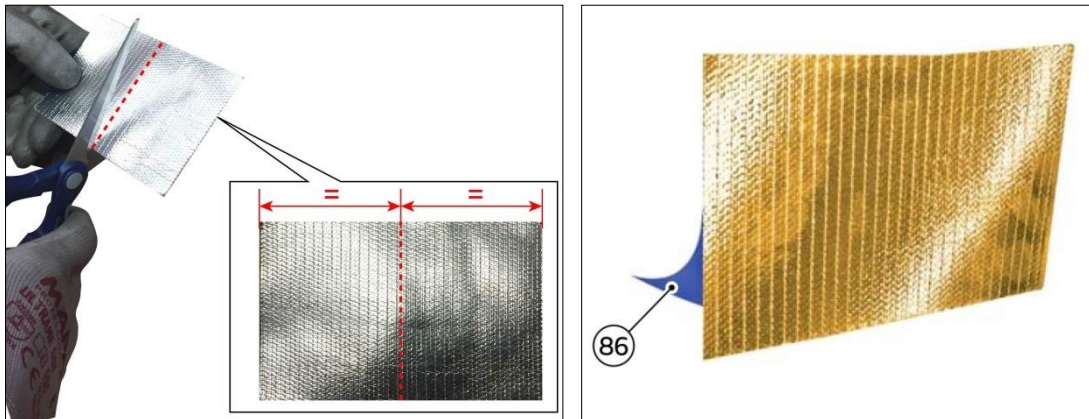




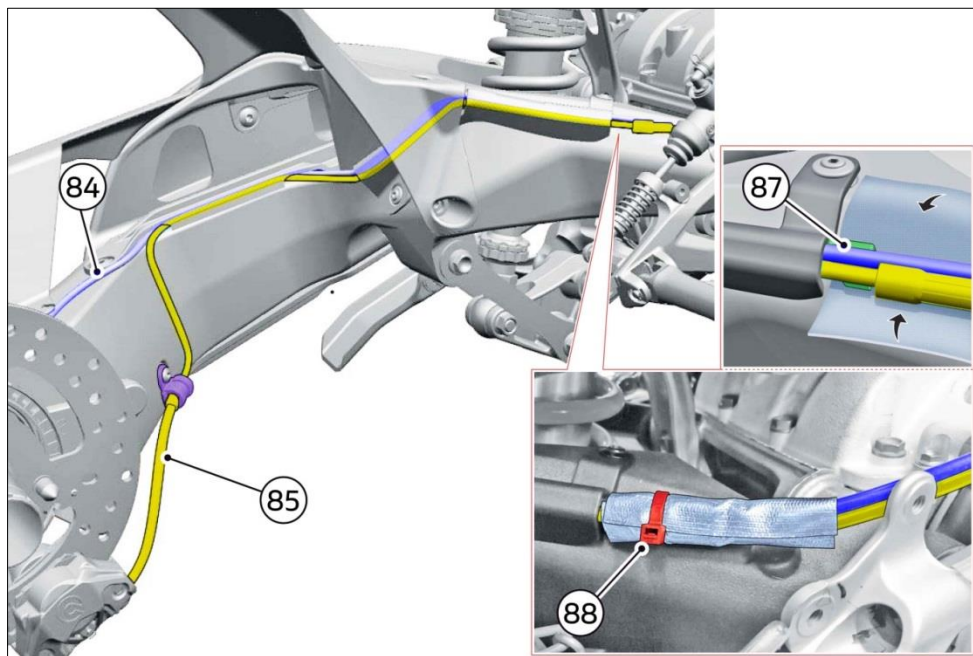
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)
Technical Service Bulletin SRV-TSB-18-006

- g) Cut the heat reflective sheath in two identical parts along the longitudinal line, as shown in the figure. Only one of the two pieces of heat reflective sheath is required for the update.
- h) Remove the **protective film (86)** from the back of the heat reflective sheath.



- i) Apply the heat reflective sheath, orienting it as shown in the figure, wrapping the **brake line (85)** and **speed sensor cable (84)** and the alignment **tab (87)** of the hose guide.
- j) Apply a **self-locking tie (88)** in the position shown.



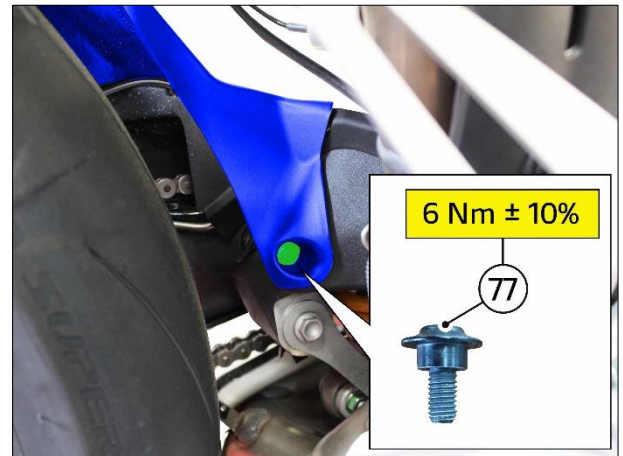
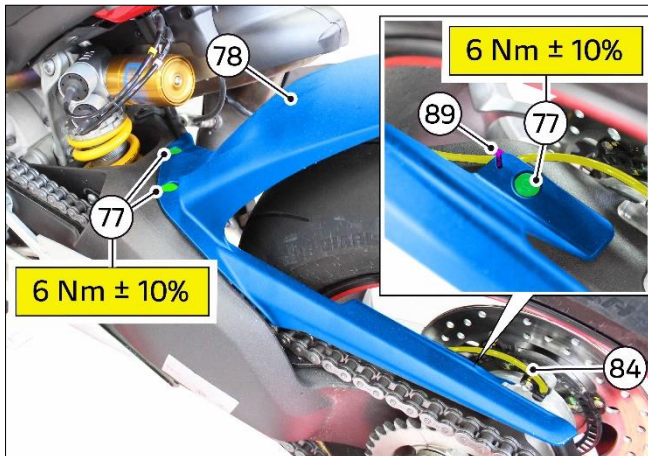


CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- k) Install the rear **mudguard (78)** on the swing arm by tightening the **4 M5x9 screws (77)** with collar to **6 Nm ± 10%**.
- l) Apply the **self-locking tie (89)** securing the **speed sensor cable (84)** to the mudguard.





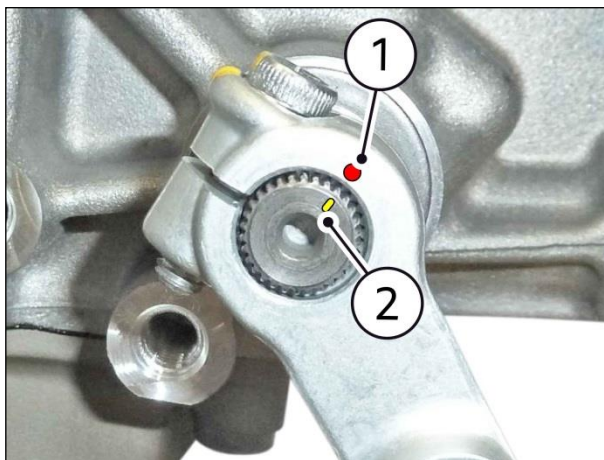
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

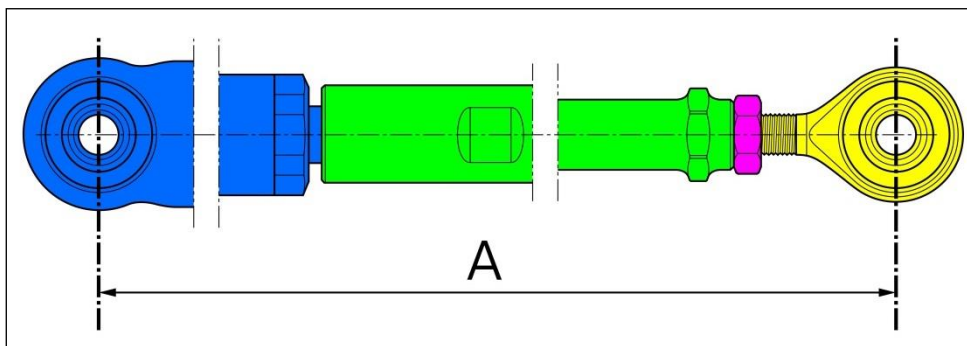
12) Gear change linkage correct assembly check:

- a) Ensure that the **engraved point (1)** is aligned with the timing **notch (2)** of the gear change linkage on the gearbox pawl splined shaft.



- b) Ensure that **length (A)** of gear shift lever transmission rod is equal to:

- **221.3 ± 0.3 mm** (Panigale V4 – Panigale V4 S versions, only);
- **217 ± 1 mm** (Panigale V4 Speciale version, only).





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

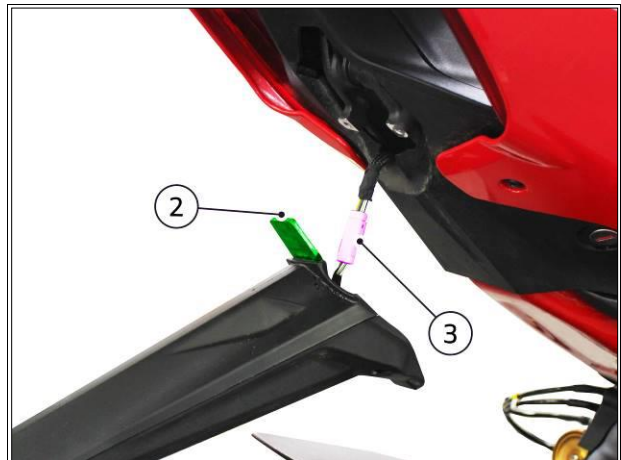
Technical Service Bulletin SRV-TSB-18-006

13) New number plate holder vibration dampers installation:

- 1) Remove the **2 M5x22 screws (1)** securing the number plate holder assembly to the rear subframe.



- 2) Remove the number plate holder assembly by sliding it down in order to disengage **tooth (2)** from the rubber support on tail guard.
- 3) Disconnect number plate/rear turn indicator light **connector (3)**.



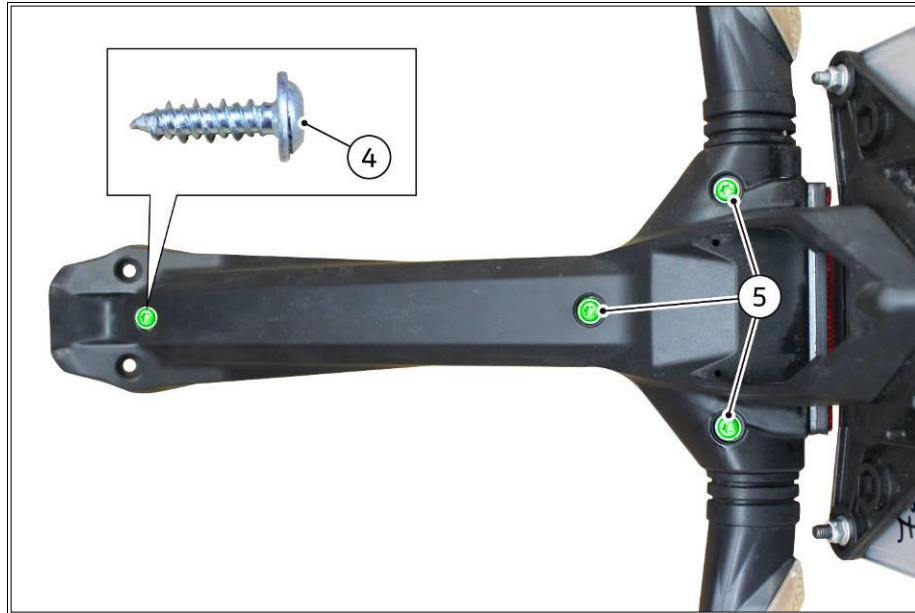


CR151 Panigale V4 Vehicle Update

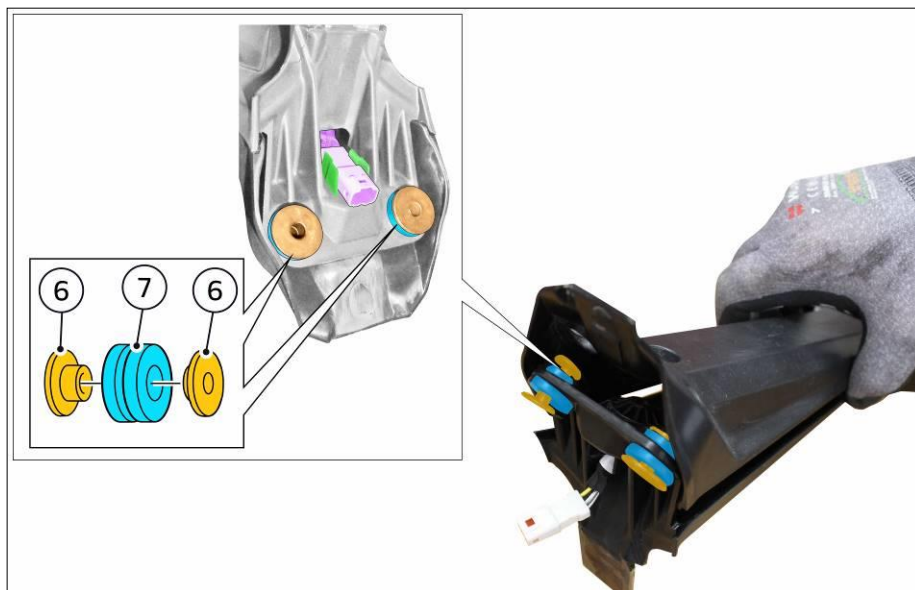
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- 4) Place the number plate holder assembly on a clean surface and remove the **M5X16 self-tapping screw (4)** and loosen, without removing, the **3 M5x16 self-tapping screws (5)**.



- 5) Remove the **4 upper and lower spacers (6)** with collar, then remove the **2 vibration dampers (7)**.





CR151 Panigale V4 Vehicle Update

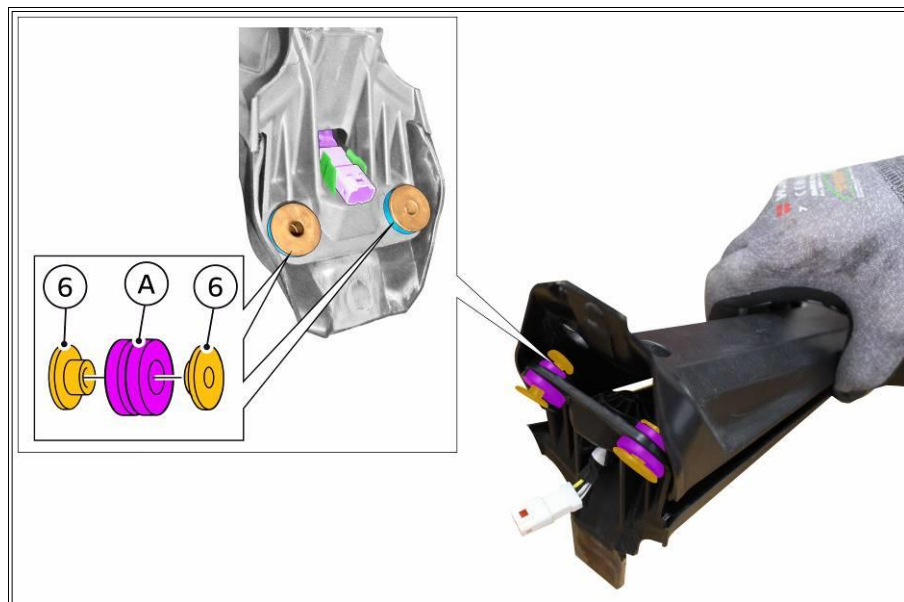
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- 6) Take the 2 new vibration dampers Part no.76412501A.



- 7) Install the 2 new **vibration dampers (A)** inside the relevant holes of the upper number plate support and insert the **4 upper and lower spacers (6)** with collar as shown in the figure.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

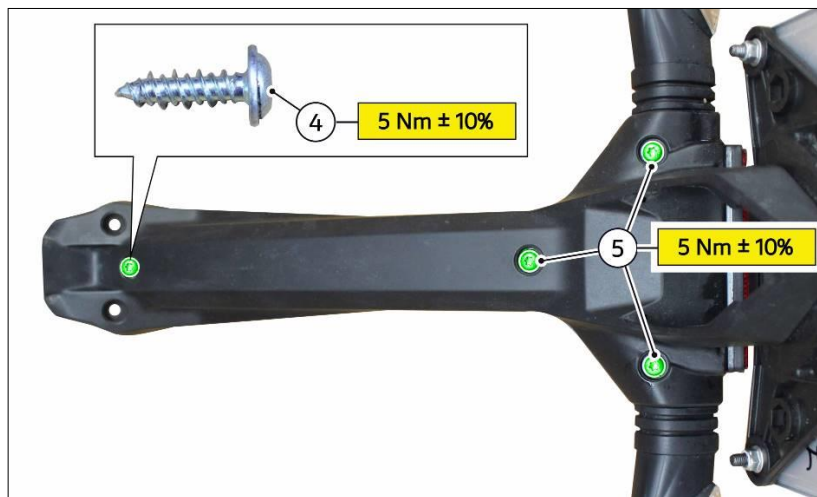
Technical Service Bulletin SRV-TSB-18-006

- 8) Match the upper number plate support with the lower number plate support, and start the **M5X16 self-tapping screw (4)**.
- 9) Tighten the **M5X16 self-tapping screw (4)** and the **3 M5x16 self-tapping screws (5)** to **5 Nm $\pm$ 10%**.

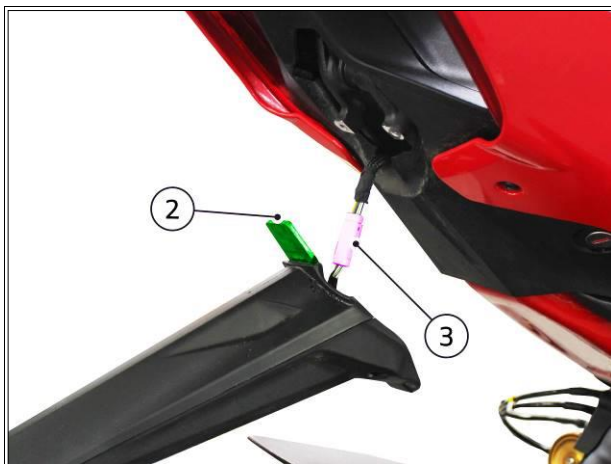


NOTE

When matching the upper and lower number plate supports, make sure that the 4 spacers with collar remain seated.



- 10) Connect the number plate/rear turn indicator light **connector (3)**.
- 11) Lubricate the rubber support with KLÜBERPLUS S 06/100 rubber lubricant or equivalent and install the number plate holder assembly by inserting **tooth (2)** inside the relevant rubber support on tail guard.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

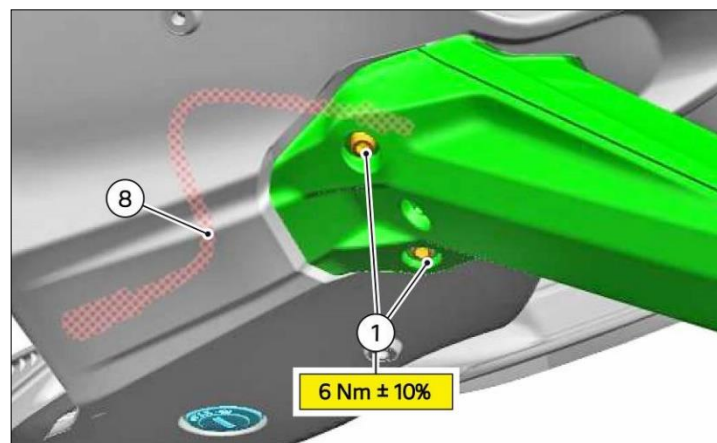
Technical Service Bulletin SRV-TSB-18-006

- 12) Tighten the 2 **M5x22 screws (1)** securing the number plate holder assembly to the rear subframe to **6 Nm $\pm$ 10%**.



NOTE

Make sure that number plate/rear turn indicator light **wiring (8)** is positioned on tail guard lower cover side opposite to the one showing the seat lock, as shown in the figure.



- 13) Check the correct operation of number plate light and rear turn indicators.
- 14) Remove the rear paddock stand.
- 15) Start the engine and let it run until the fans are activated, then check for any coolant leak from the circuit.
- 16) Wait for motorcycle to completely cool down, and check coolant level in the expansion reservoir, located on the right side of the vehicle. Coolant level must correspond to the "MIN" reference notch on the right side of the expansion reservoir. Top up, if required.





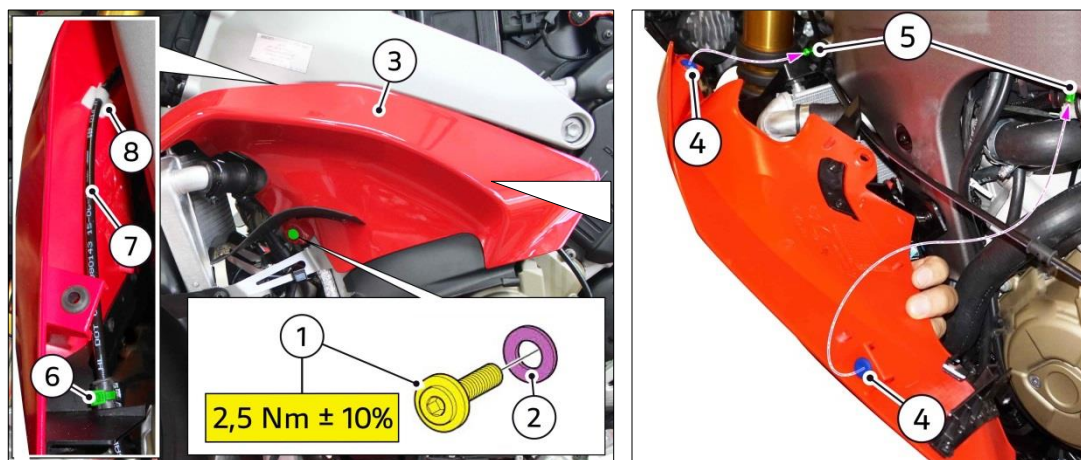
CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

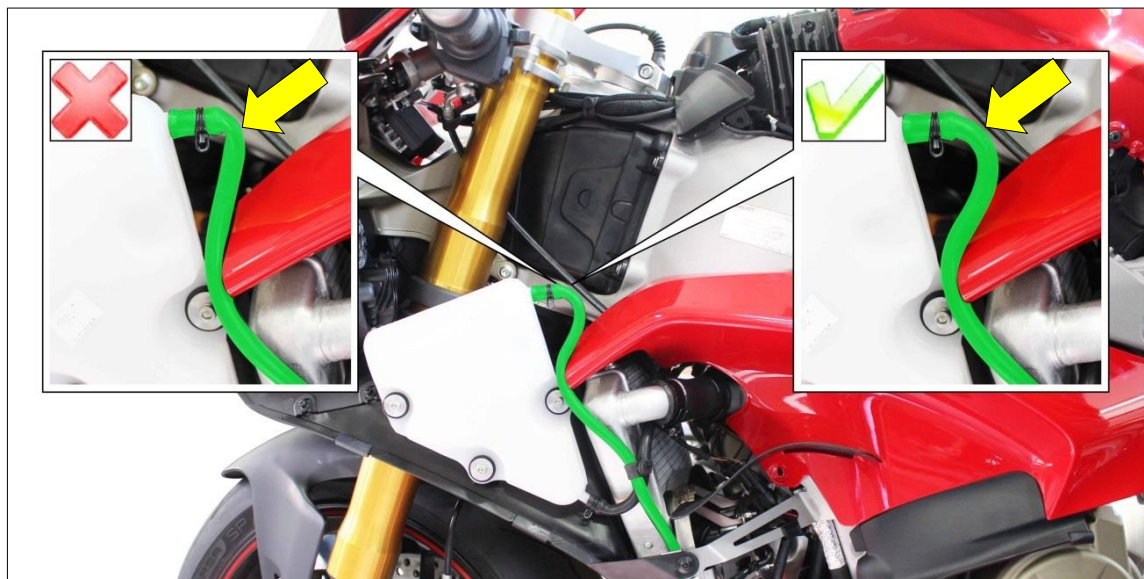
14) Fairing assembly:

- Before assembling the **LH air extractor (3)**, insert the **clutch line (7)** inside the **cable guide (8)** and tie the clutch line to the air extractor with a **self-locking tie (6)** as shown in the figure.
- Fit the **LH air extractor (3)** by inserting the **2 pins (5)** present on frame into **vibration dampers (4)** on the air extractor and tighten the **M5x12 screw (1)** with **washer (2)** to **2.5 Nm $\pm$ 10%**.



WARNING

Once the LH air extractor has been assembled, make sure that the expansion reservoir breather tube is **NOT** kinked or restricted, as shown in the figure.



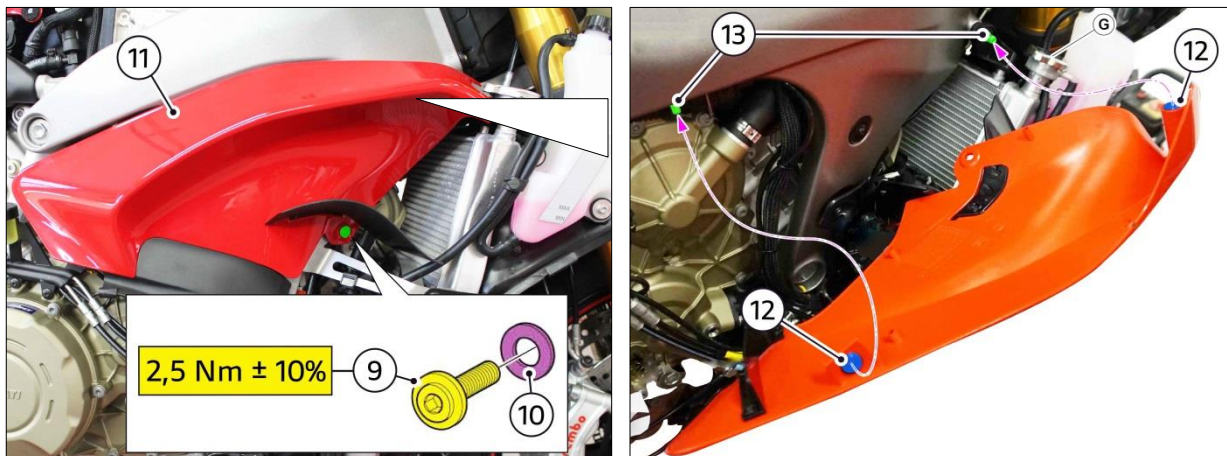


CR151 Panigale V4 Vehicle Update

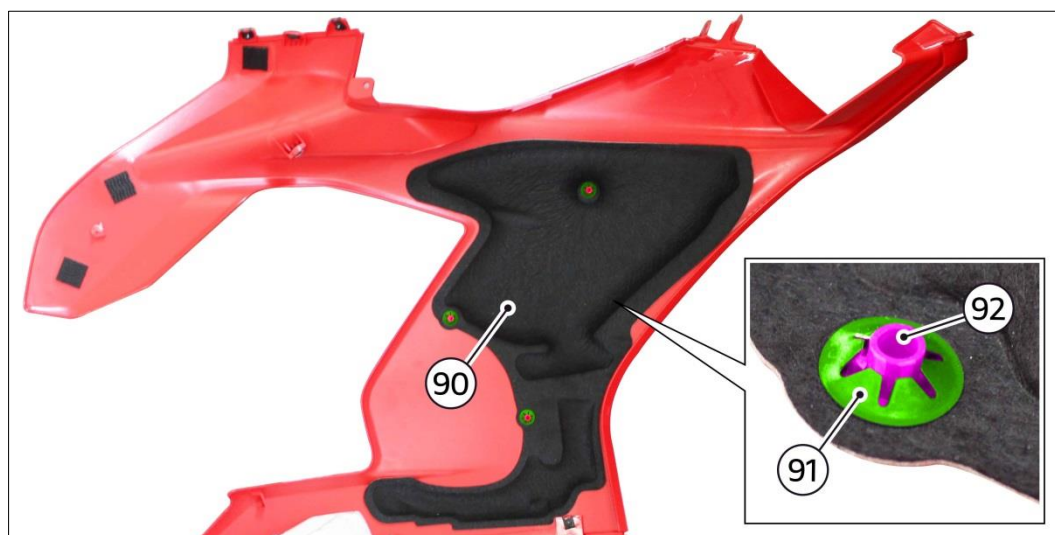
Models: Panigale V4 (all model versions)

Technical Service Bulletin SRV-TSB-18-006

- c) Fit the **RH air extractor (11)** by inserting the **2 pins (13)** into the **vibration dampers (12)** on the air extractor and tighten the **M5x12 screw (9)** with **washer (10)** to **2.5 Nm $\pm$ 10%**.



- d) Remove Carefully remove the sound-absorbing panel (90) from the left side fairing. Disengage the 3 **crown fasteners (91)** from the **pins (92)** with a pick or suitable tool without pulling on the plastic pin. Discard the old crown fasteners and insulation panel. Then clean the adhesive from the mounting surfaces of the inside of the panel.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

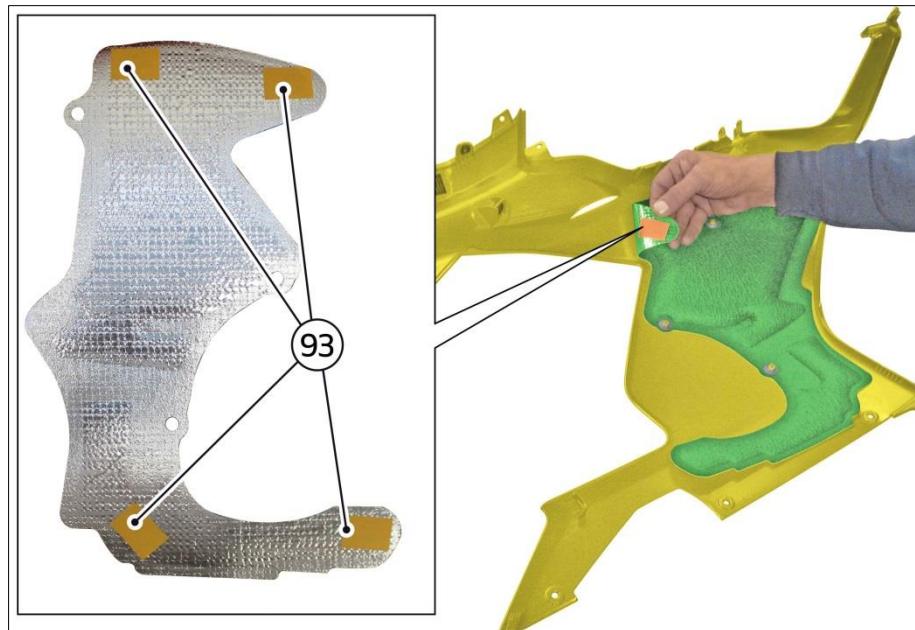
Technical Service Bulletin SRV-TSB-18-006

e) From kit Part no.69928581A take the new sound-deadening panel and the new crown fasteners.



f) Remove the **4 protective films (93)** from the adhesive surfaces of the new sound-deadening panel.

Clean any dirt or debris from the inside of the fairing at the insulation panel. Place the new sound-absorbing panel on the inside of the left side fairing as shown. Press behind adhesive surfaces underneath to ensure proper attachment.





CR151 Panigale V4 Vehicle Update

Models: Panigale V4 (all model versions)

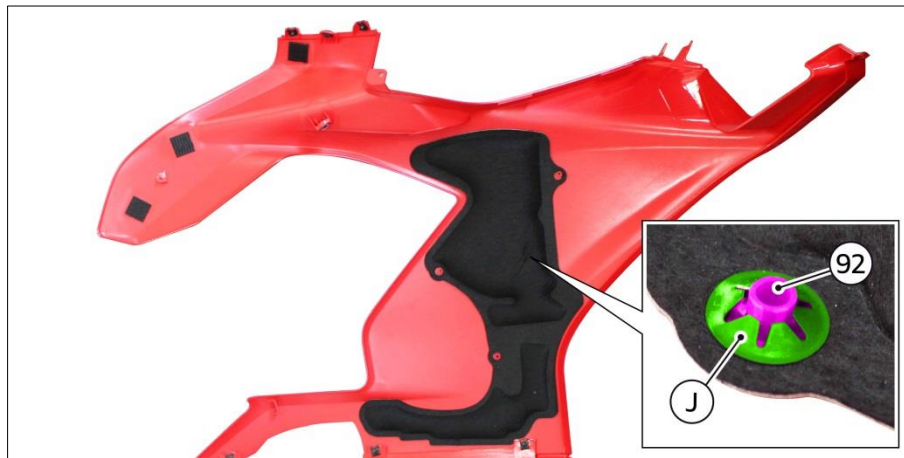
Technical Service Bulletin SRV-TSB-18-006

g) Secure the sound-deadening panel in place by driving the **3 crown fasteners (J)** on **pins (92)**.



NOTE

Aim **crown fasteners (J)** as shown in the figure.



h) Install LH and RH side fairings and battery cover (See Sec.5: "Fairing installation - Fairing" of the Workshop Manual).

- **Spare Parts**

The spare part kit Part no. 69928581A contains all the components necessary for the update.

- **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 **CR151**.

You will be reimbursed:

- for labor of [REDACTED] necessary to perform the complete installation of the kit, the acceptance of the bike and a soft cleaning of the vehicle.

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