



## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

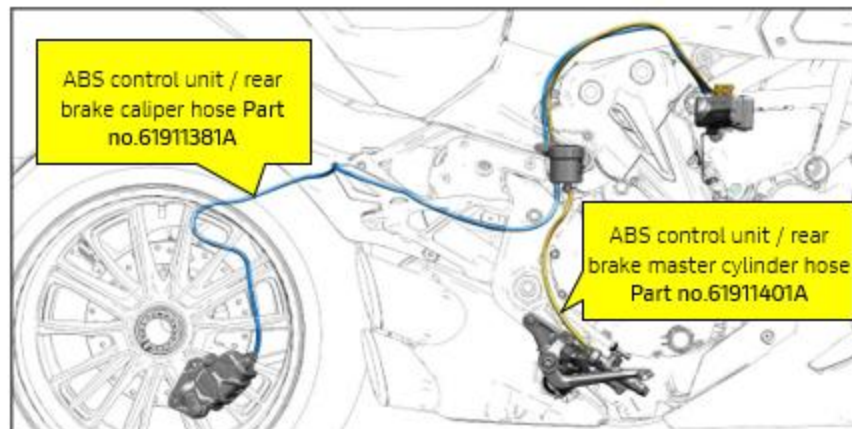
Technical Service Bulletin SRV-TSB-22-008

Date: July 15, 2022  
To: Dealer Principal, General Manager, Service Manager  
From: Richard Kenton, Technical Director  
Dan Schwartz, Service Area Manager

---

Dear Dealers,

This bulletin is to inform you that we have extended the possibility of installing the new rear brake lines (yellow for rear brake master cylinder/ABS control unit and blue for ABS control unit/rear brake caliper) on the above listed models.



We remind you that these rear brake lines must be installed on motorcycles **ONLY if Customers complain** about a progressive lengthening of the rear brake pedal travel over time and with use.

Always remind Customers that correct brake operation must always be checked before each use of the motorcycle, as indicated in the Owner's Manual, and that it is essential to have the braking systems maintained as prescribed in the maintenance schedule, changing the brake fluid every 24 months.

You can update the motorcycles you already have in stock prior to delivery to Customer; since this is NOT a safety recall campaign, the vehicles' warranty activation will not be inhibited.



## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

### Table of contents

	Page
Introduction	1
Application	2
Customer Impact	2
Parts Distribution	3
Warranty Reimbursement Rules	3
Spare Parts	4
Service Solution – Rear Brake Hose Replacement	5
Part 1: Vehicle Preparation	5
Part 2: Rear Brake Hose Removal	18
Part 3: New Rear Brake Hose Installation - ABS Control to Rear Caliper	22
Part 4: New Rear Brake Hose Installation - Master Cyl. to ABS control	24
Part 5: Rear Brake System Filling and Bleeding	32
Part 6: Vehicle Refitting	34

### Application

This update is **NOT** listed in the **DCS VIN HISTORY**

**We inform you that this upgrade is NOT mandatory, but optional since it must be performed only if the Customer reports such symptom/condition.**

If a Customer complains about a progressive lengthening of the rear brake pedal travel over time and with use, it is necessary to order the replacement parts.

### Customer Impact

Customers will NOT be notified by dedicated communication.

Involved vehicles must be fitted with the updated rear brake hoses **ONLY** if the above-described operating concern is detected.



## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

### Parts Distribution

The following components required to carry out the upgrade under this Workshop Campaign must be ordered for each affected frame number.

- Part no. 61911401A: ABS control unit / rear brake master cylinder hose.
- Part no. 61911381A: ABS control unit / rear brake caliper hose.
- Part no. 85250241A (10pcs): Copper washers.

The required DOT4 brake fluid and self-locking ties (small and large) are easy to find consumables and should be sourced locally.

### Warranty Reimbursement Rules

Rear brake hose installation reimbursement will be issued through the standard warranty claim procedure via the DCS.

We remind you that this update is NOT listed in the DCS VEHICLE HISTORY, but a NEW WARRANTY CLAIM must be filled. See procedure illustrated below.

The warranty claim is pre-filled and is identified as **CR233**.

The Dealer shall be reimbursed for the parts listed for the operation; copper washer (10) part no. 85250241A, ABS control unit/rear brake master cylinder hose no. 61911401A, ABS control unit/rear brake caliper hose part no. 61911381A, the consumable ties and DOT 4 brake fluid; and labor for ( ) that includes the time necessary for:

- Vehicle reception
- Rear brake hose removal (ABS unit/brake M/C and ABS unit/brake caliper)
- Installation of new rear brake hoses (ABS control unit/brake M/C and ABS control unit/brake caliper)
- Filling and bleeding procedure of the rear brake system
- Soft cleaning of the vehicle
- Compensation for the cost of self-locking ties and DOT4 fluid used to fill the rear brake system.



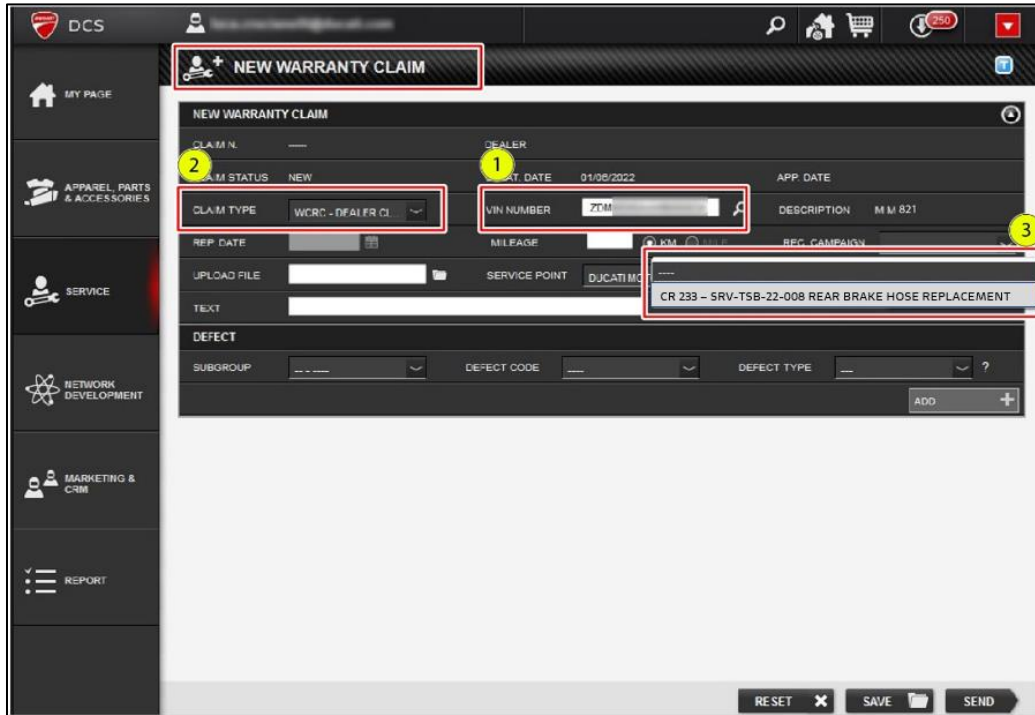
# CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)




Technical Service Bulletin SRV-TSB-22-008

When creating the WCRC type claim, please fill in the following fields:

1. VIN number: **ZDMXXXXXXXXXXXXXX**
2. Claim Type: **WCRC - WARRANTY CLAIM RECALL CAMPAIGN**
3. Recall Campaign: **CR233 – SRV-TSB-22-008 REAR BRAKE HOSE REPLACEMENT**



## Spare Parts

Part No.	Description	Picture
61911381A	ABS control unit / rear brake caliper hose	
61911401A	ABS control unit / rear brake master cylinder hose	
85250241A	Copper washers (8pcs)	



## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008



### NOTE

We hereby inform you that this operation is carried out exclusively on the primary circuit of the rear brake system for which it is sufficient to perform the traditional bleeding procedure; NO specific bleeding procedure is hence required for the secondary circuit (circuit inside the ABS control unit).

### Service Solution



### WARNING

To ensure the correct execution of the operation within the provided labor time to carry out the updates, it is necessary to follow the sequence indicated in the following instructions.



### NOTE

The following procedure is relevant for all motorcycle versions for this campaign. The images shown are for general reference and may not align exactly to the motorcycle being worked on at all times.

### Part 1: Vehicle Preparation

1. Position the motorcycle on the rear paddock stand
2. Drain all the brake fluid contained inside the rear brake system



### WARNING

Brake fluid may damage the paint or parts of the motorcycle. Wash the affected area with plenty of water in case of accidental contact. Damage due to brake fluid spillage is not a warrantable defect and is the responsibility of the repairing dealer to correct.

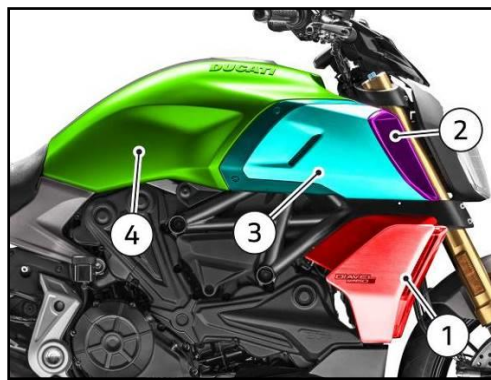


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

3. Remove the seat
4. Working on both the right and left side of the vehicle, remove in the components listed in the following sequence. (See Sec.5: "Fairing Installation-Fairing" of the workshop Manual)
  - the **turn indicators/cover assembly (1)**
  - the **air conveyor internal covers (2)**
  - the **air conveyor external covers (3)**
  - the **tank side covers (4)**



5. Remove the **tank central cover (5)** and the **Hands Free cover (6)** (See Sec.5: Fairing installation- Fairing" of the workshop manual)





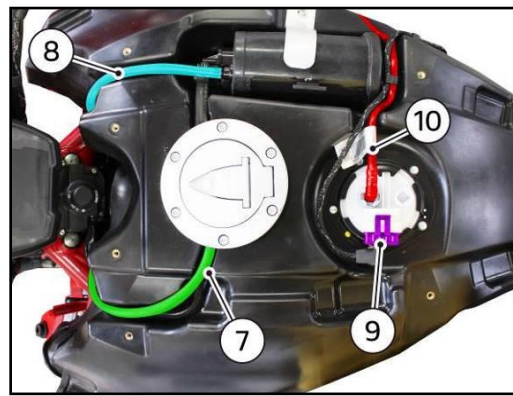
## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

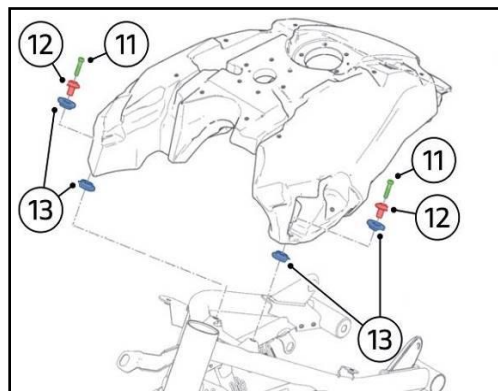
Technical Service Bulletin SRV-TSB-22-008

### 6. Working on the fuel tank

- remove the fuel tank **breather hose (7)**
- remove the canister filter to purge valve **connection hose (8)**
- disconnect the fuel pump **connector (9)**
- remove the **fuel supply hose (10)**



7. Working on the right and left sides of the fuel tank, remove the **2 M6x30 fastening screws (11)** with the relevant **spacers (12)** and **buffers (13)**



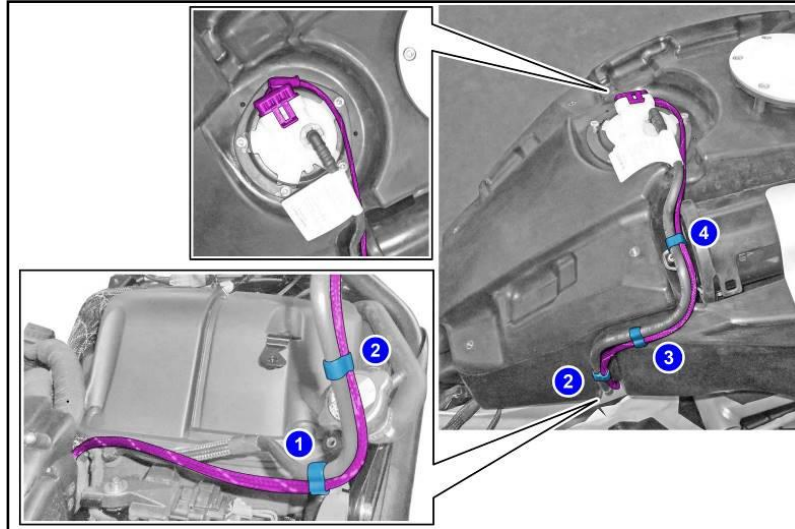


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

- Free the fuel pump wiring branch from the 4 fast points indicated in the figure



- Slightly lift the fuel tank upwards and pull it forward to disengage the connection in the rear area
- Disconnect fuel level sensor connector (14) and remove the fuel tank



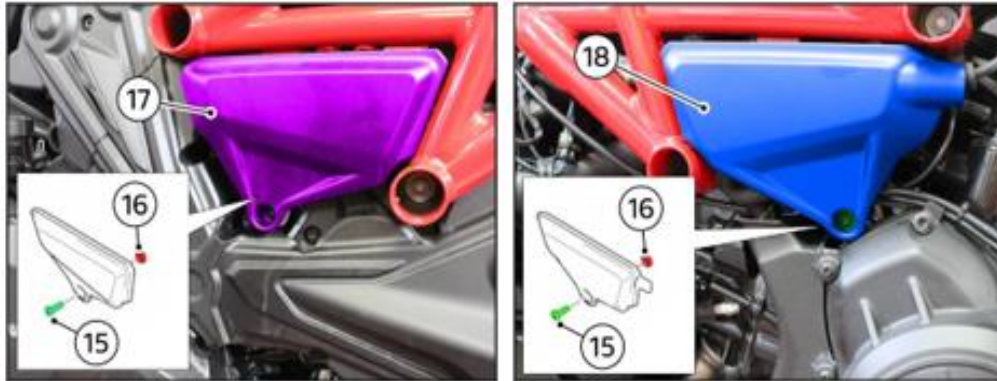


## CR233 – Rear Brake Hoses Replacement if Required

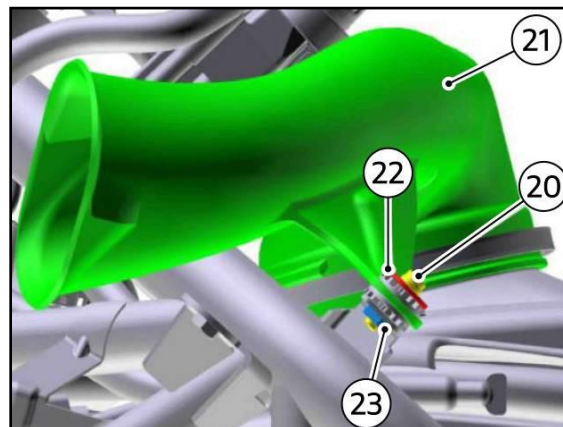
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

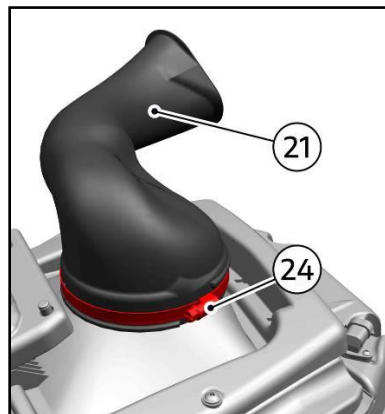
11. Remove the 2 M6x22 screws (15) with the relevant spacers (16) fastening RH cover (17) and LH cover (18) to the engine



12. Remove the M6x22 screws (20) fastening air conveyor (21) to frame and recover bushing (22) and nut (23)



13. Loosen clamp (24) and pull-out air conveyor (21)



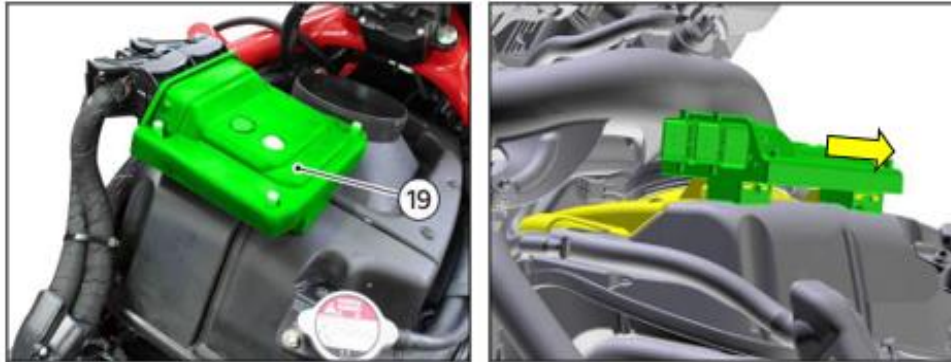


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

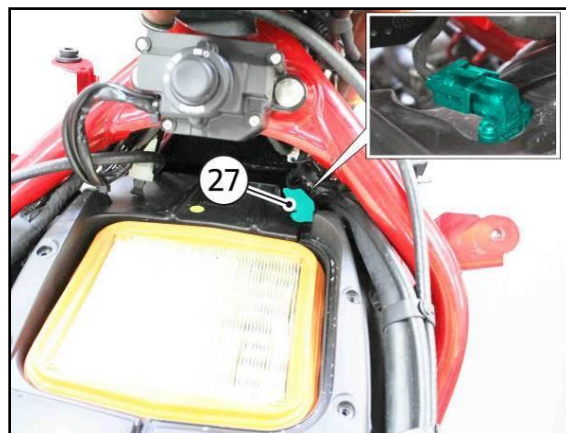
14. Pull out engine ECU (19) from the relevant support pins, without disconnecting it



15. Remove the 4 self-tapping screws (25) and pull-out filter cover (26)



16. Disconnect the air temperature sensor connector (27)





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

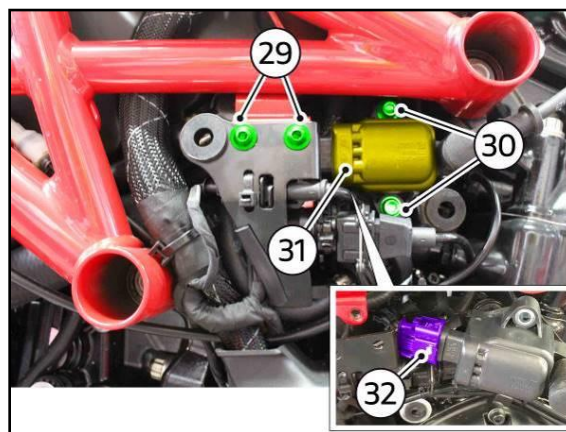
17. RH Remove the **self-tapping screw (28)** securing the coolant filling plug support



18. Working on vehicle LH side:

18.1 remove the 2 M6x10 screws (29) securing the connector support

18.2 remove the 2 M6x25 screws (30) securing **ignition coil (31)** and disconnect **connector (32)**



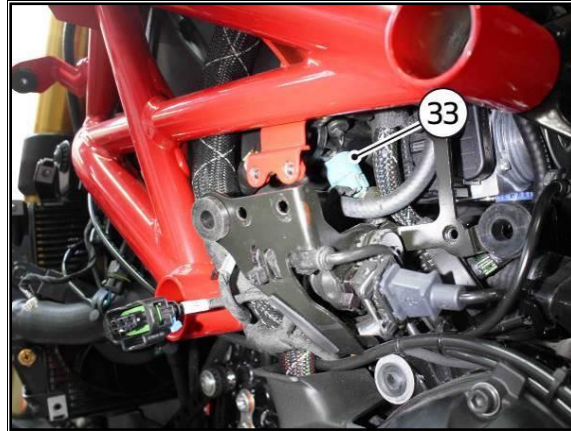


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

18.3 disconnect secondary air (AIS) connector (33)



18.4 remove the 2 clamps (34) and pull out the 2 hoses connecting horizontal and vertical head to the secondary air actuator



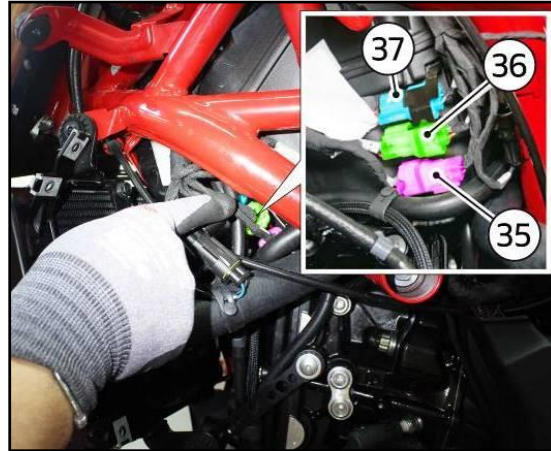


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

- 18.5 disconnect vertical cylinder ETV (35), injection (36) and horizontal cylinder ETV (37) connectors



- 18.6 remove clamp (38) and pull out Airbox drain hose (39)





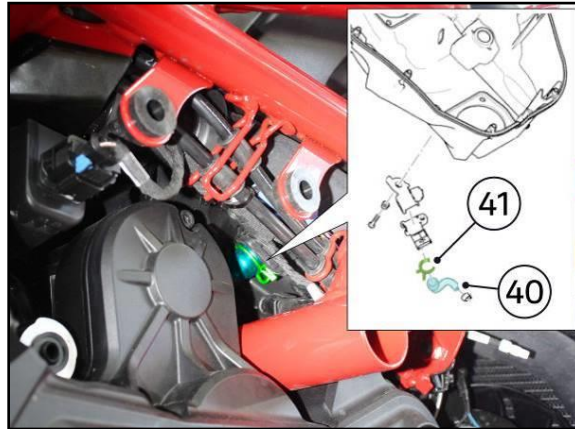
## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

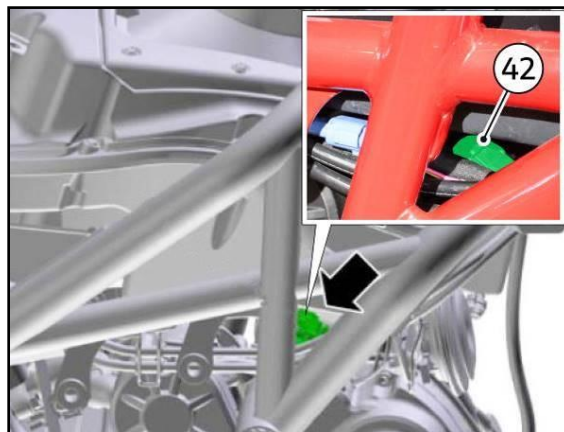
Technical Service Bulletin SRV-TSB-22-008

### 19. Working on the vehicle RH side:

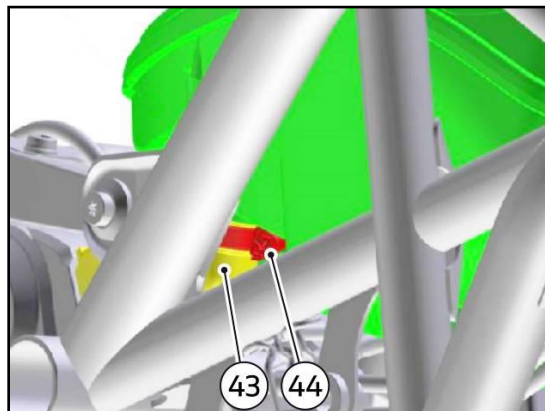
19.1 pull out horizontal cylinder head pressure sensor **pipe (40)** acting on **clamp (41)**



19.2 disconnect horizontal cylinder head pressure sensor **connector (42)**



19.3 pull out blow-by **hose (43)** from the Airbox by loosening **tie (44)**



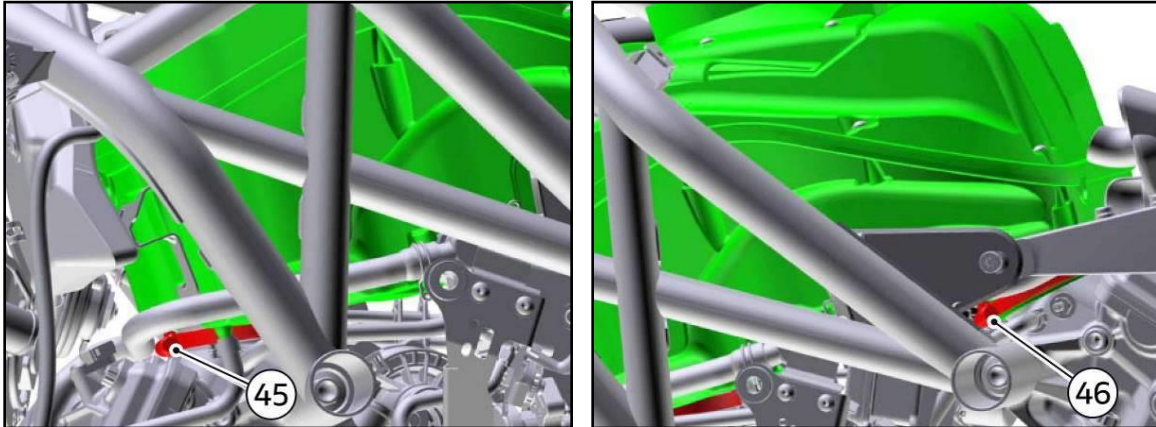


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

20. Working on vehicle LH side, loosen **tie (45)** positioned on the horizontal cylinder head and **tie (46)** positioned on the vertical cylinder head

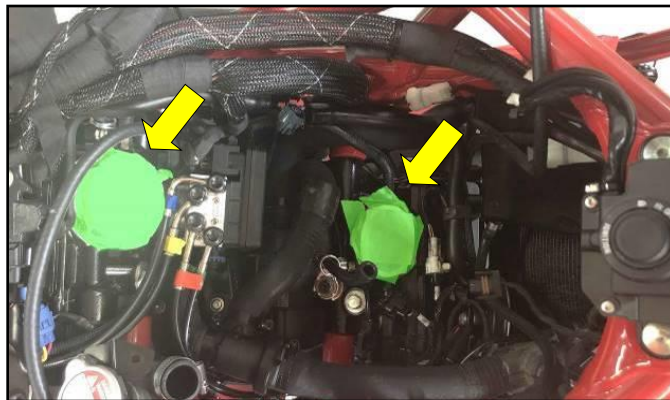


21. Remove the Airbox from the vehicle
22. Protect the engine with a cloth near the ABS control unit and cover the intake manifolds as shown in the figure to avoid any possible penetration of brake fluid or impurities inside the intake manifolds



### WARNING

Remember that the brake fluid could damage the paint or parts of the motorcycle.  
Wash the affected area with plenty of water in case of accidental contact.



23. Remove the rear wheel (See Sec. 7: "Chassis – Rear wheel" of the Workshop Manual)
24. Remove Remove the rear mudguard (See Sec.5: "Fairing installation – Rear and front mudguard" of the Workshop Manual)

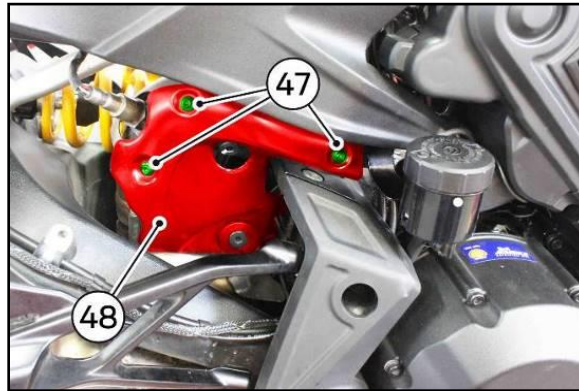


## CR233 – Rear Brake Hoses Replacement if Required

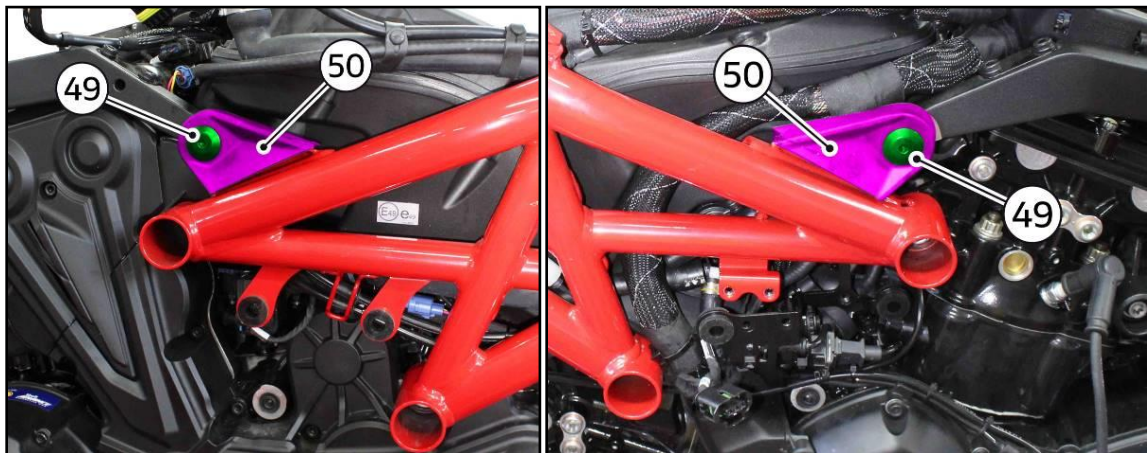
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

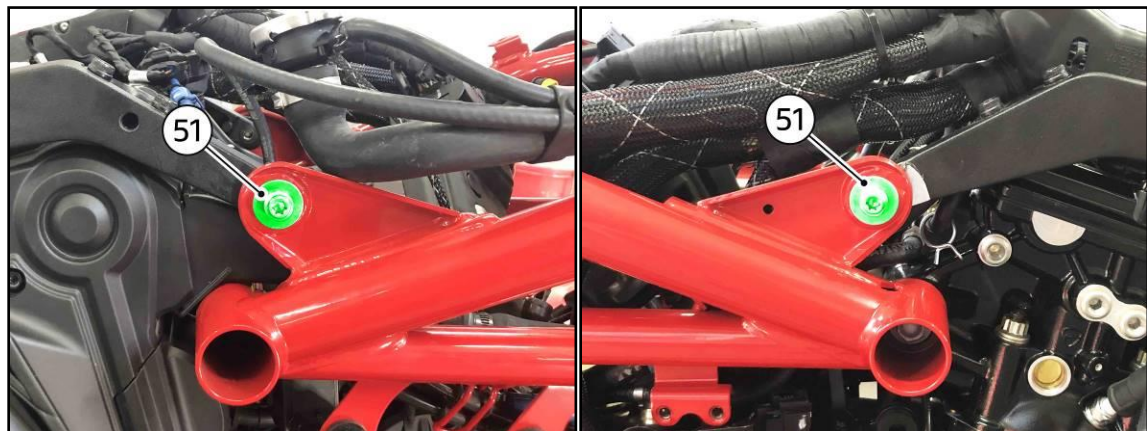
25. Remove the 3 screws M5x10 (47) securing the heat guard (48) of the vertical head manifold



26. Working on the RH and LH sides of the motorcycle, remove the 2 special screws (49) and pull out the covers (50)



27. Remove the 2 special screws (51) securing the rear subframe to the frame





## CR233 – Rear Brake Hoses Replacement if Required

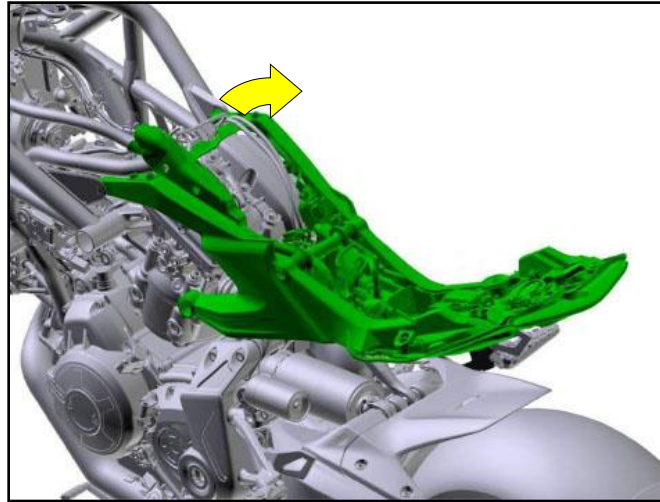
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

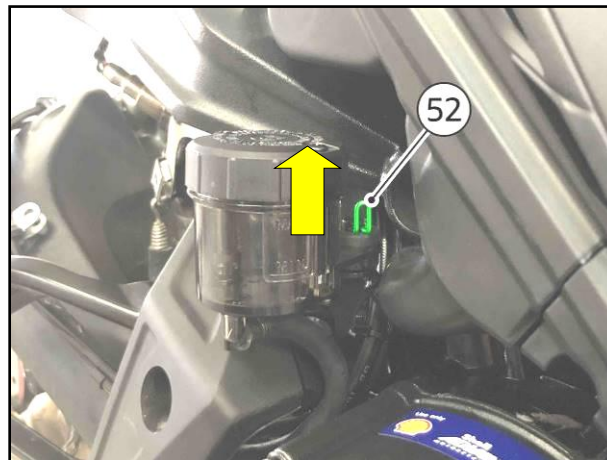


### NOTE

To make removal and consequent insertion of the rear brake hoses easier, it is possible to slightly lift the rear subframe, as shown in the figure.



28. Remove the **clip (52)** securing the rear brake fluid reservoir and pull the reservoir upwards to release it from the relevant support pin.



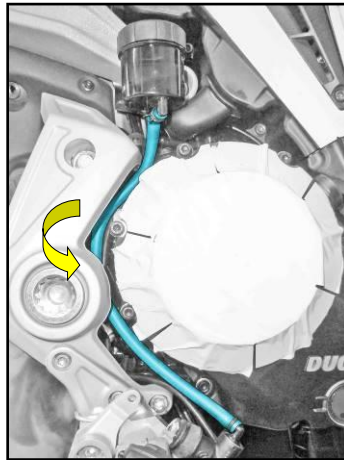


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

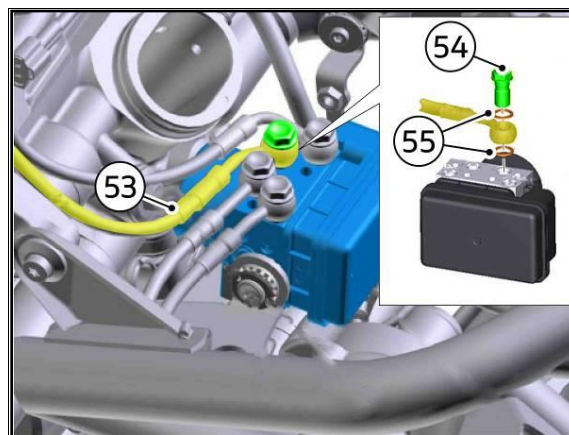
Technical Service Bulletin SRV-TSB-22-008

29. Pull the fluid reservoir / rear brake master cylinder connection hose out of the foot peg holder plate



### Part 2: Rear Brake Hose Removal

1. Working on the ABS control unit, remove the **special screw (54)** with the **2 copper washers (55)** securing **brake hose (53)** connecting ABS control unit to rear brake master cylinder



#### WARNING

Remember that the brake fluid could damage the paint or parts of the motorcycle.  
Wash the affected area with plenty of water in case of accidental contact.

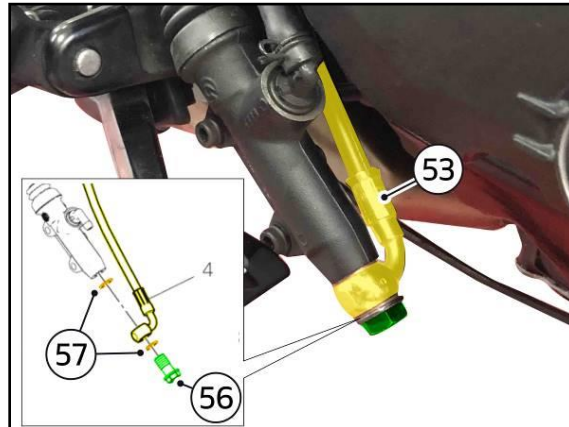


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

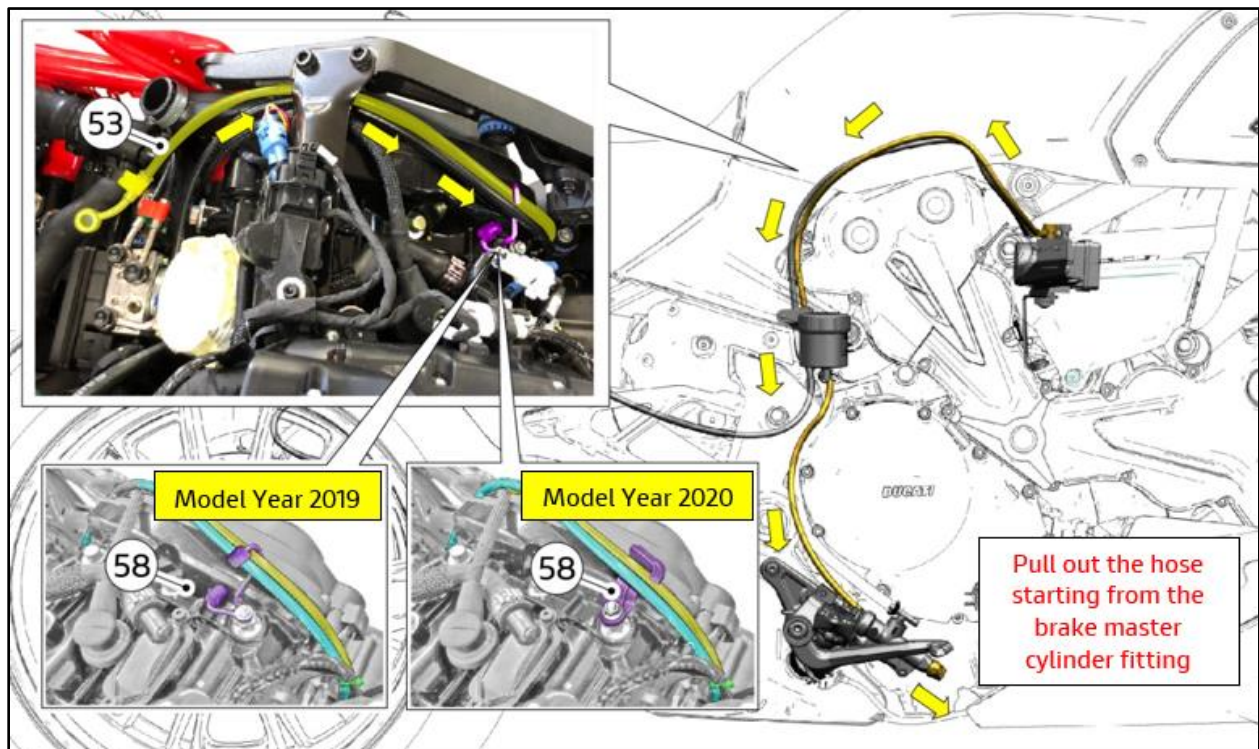
Technical Service Bulletin SRV-TSB-22-008

- Working on the rear brake master cylinder, remove the **special screw (56)** with the **2 copper washers (57)**



- Release the **brake hose (53)** connecting the ABS control unit to the rear brake master cylinder from all clips and retainers present on the vehicle. Pull out brake hose (53) from rear brake master cylinder fitting:

- first route the ABS control unit fitting below the rear subframe jointing bracket
- then free the hose from the **hose grommet (58)**



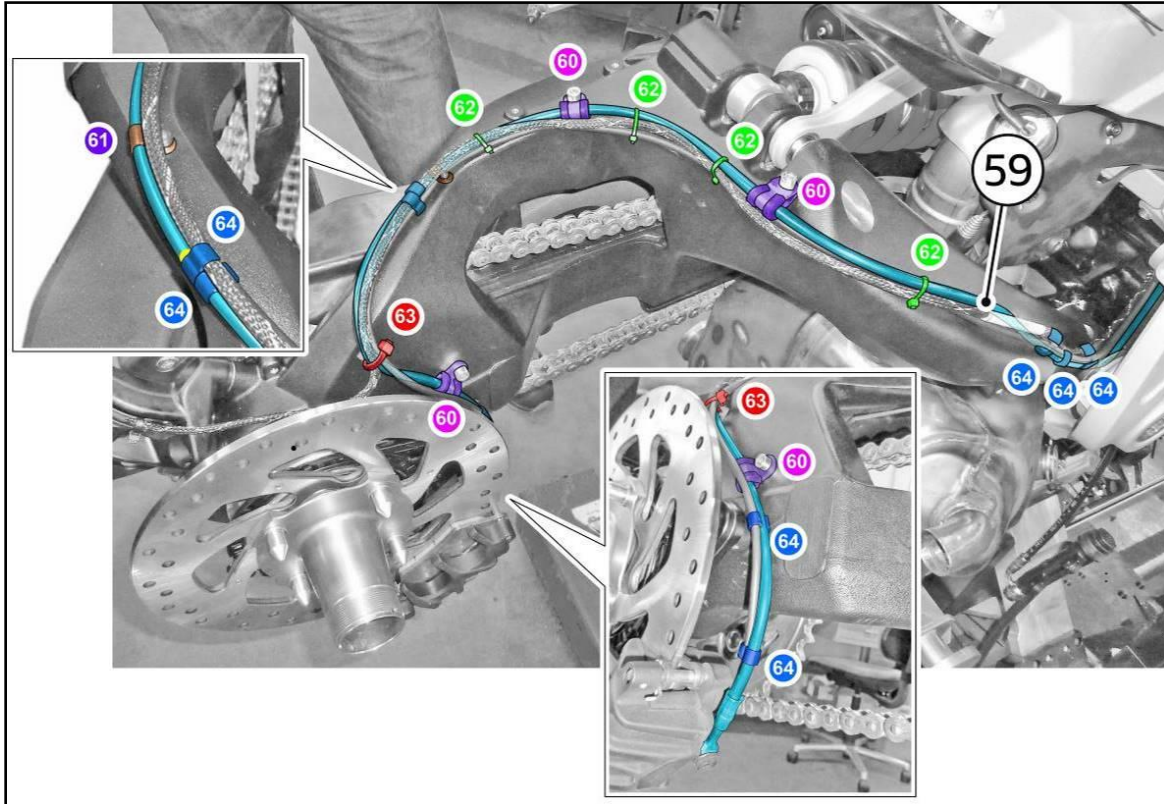


## CR233 – Rear Brake Hoses Replacement if Required

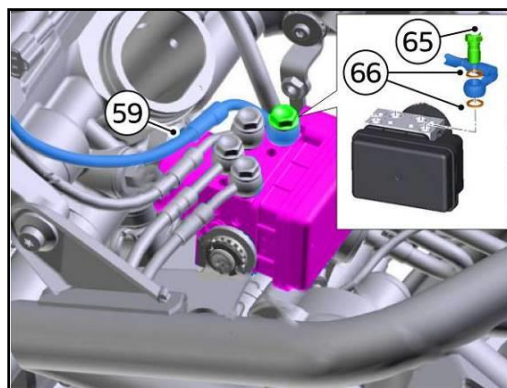
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

4. Release the **brake hose (59)** connecting the ABS control unit to the rear brake caliper from: **3 large hose grommets (60)**, **1 small hose grommet (61)**, **4 small self-locking ties (62)**, **1 big self-locking tie (63)**, **7 fast points (64)**



5. Working on the ABS control unit, remove the **special screw (65)** with the **2 copper washers (66)** securing **brake hose (59)** connecting ABS control unit to rear brake caliper



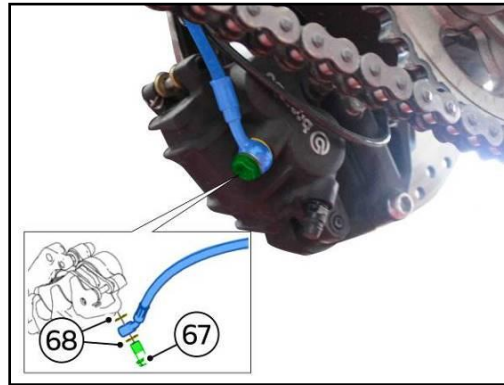


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

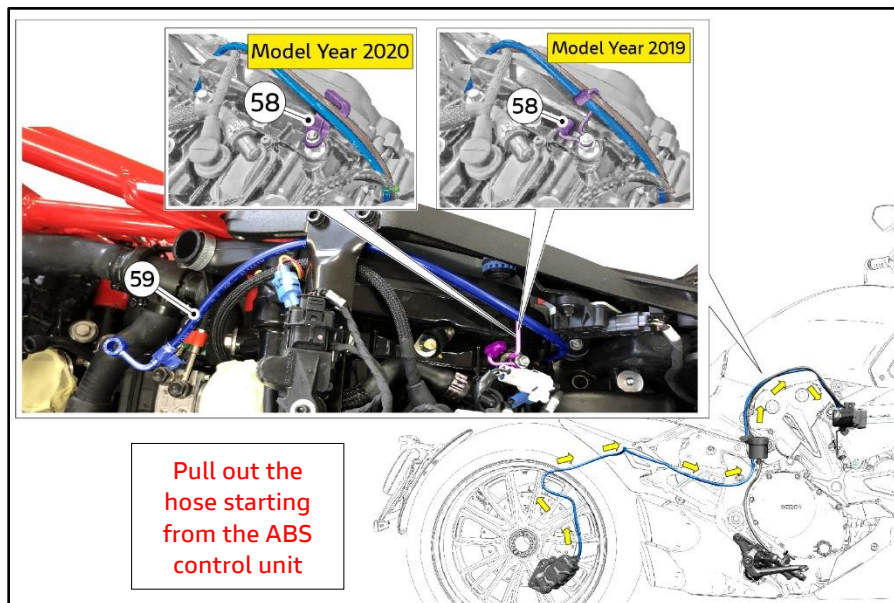
Technical Service Bulletin SRV-TSB-22-008

- Working on the rear brake calliper, remove the **special screw (67)** with the **2 copper washers (68)**



- Pull brake hose (59) out of ABS control unit fitting:

- first route the ABS control unit fitting below the rear subframe jointing bracket
- then pull the hose out of the **hose grommet (58)**





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

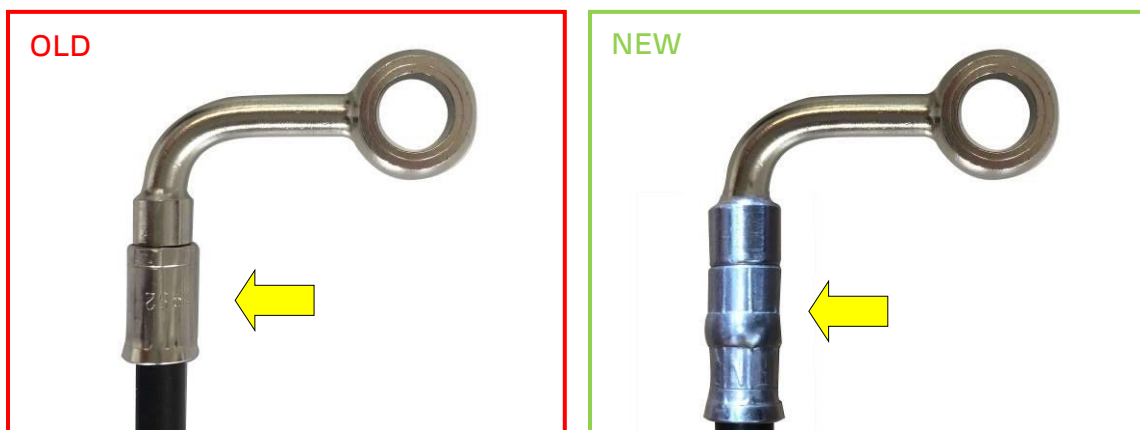
### Part 3: New Rear Brake Hose Installation - Brake hose connecting the ABS control unit to the rear brake caliper

1. Take the new **brake hose (A)** connecting the ABS control unit to the rear brake caliper



#### NOTE

The new brake hose can be recognized by the different chamfering that characterizes the end part of the fittings.



#### NOTE

To facilitate the fitting of the new **brake hose (A)** connecting the ABS control unit to the rear brake caliper use one or more self-locking ties and tie them together at the rear brake caliper fitting, as shown in the figure.



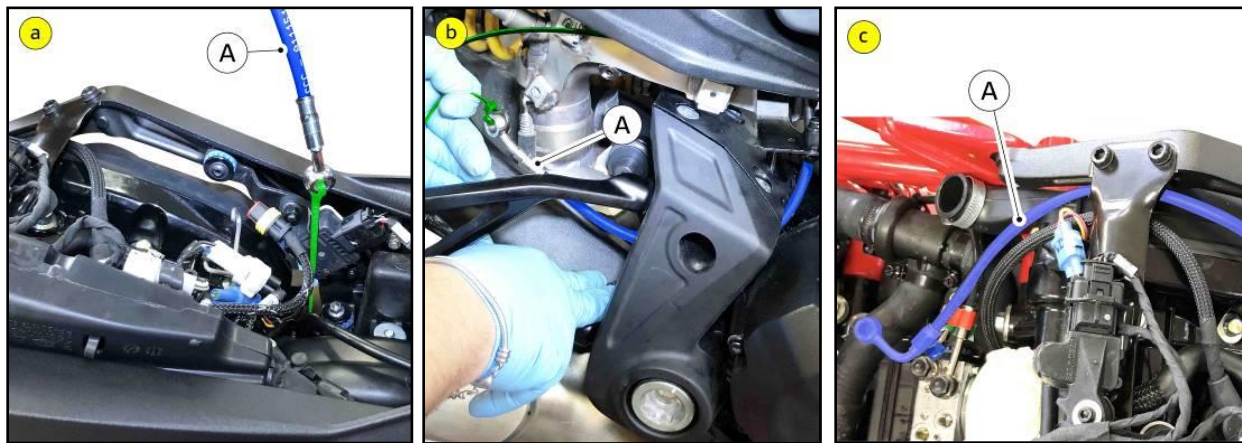


## CR233 – Rear Brake Hoses Replacement if Required

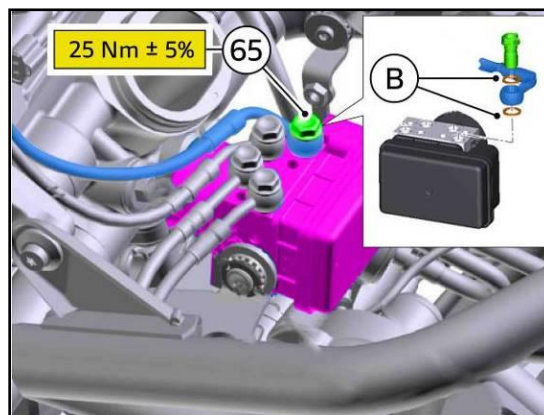
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

2. Using the self-locking ties previously installed on the rear brake caliper fitting:
  - a. insert the rear brake caliper fitting between the rear subframe and the vertical head exhaust manifold routing the **brake hose (A)** inside the compartment under the seat
  - b. route the **brake hose (A)** between the foot peg holder plate and the swing arm as shown in the figure, until positioning the brake caliper fitting on the caliper itself
  - c. route the ABS control unit fitting below the rear subframe jointing plate



3. Remove the self-locking ties and fasten the ABS control unit fitting to the control unit itself installing **2 new copper washers (B)** and tighten the **special screw (65)** to a torque of **25 Nm ± 5%** with certification



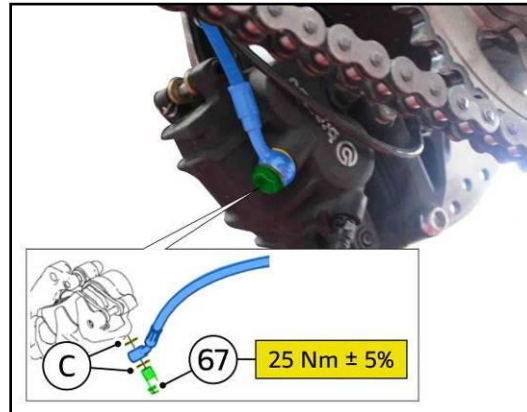


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

4. Fasten the rear brake caliper fitting using **2 new copper washers (C)** and tighten the **special screw (67)** to a torque of **25 Nm ± 5% with certification**



### Part 4: New Rear Brake Hose Installation - Brake hose connecting the ABS control unit to the rear brake master cylinder

1. Take the new **brake hose (D)** connecting the ABS control unit to the rear brake master cylinder



#### NOTE

The new brake hose can be recognized by the different chamfering that characterizes the end part of the fittings.





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008



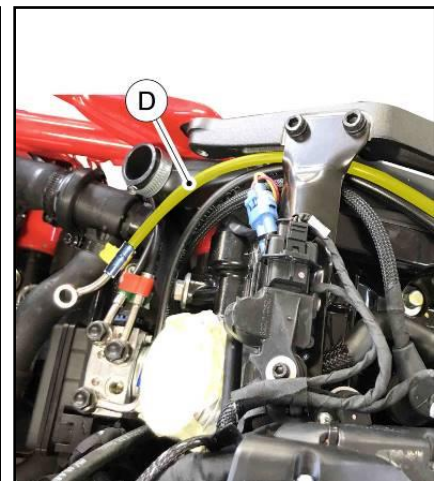
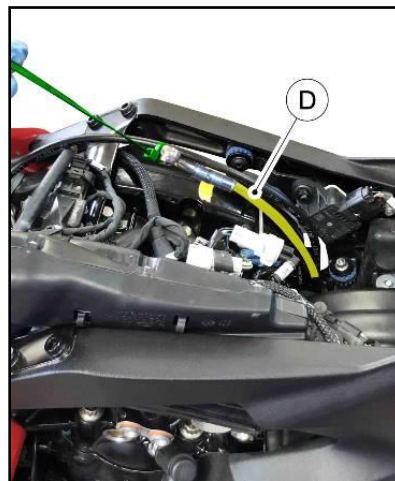
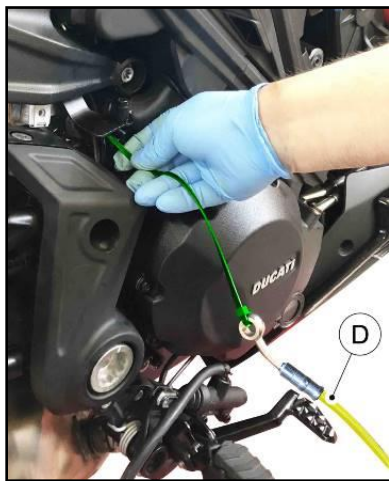
### NOTE

To facilitate the fitting of the new **brake hose (D)** connecting the ABS control unit to the rear brake master cylinder use one or more self-locking ties and tie them together at the rear brake master cylinder fitting, as shown in the figure.



2. Using the self-locking ties previously installed on the ABS control unit fitting:

- insert the ABS control unit fitting between the rear subframe and the vertical head exhaust manifold routing the **brake hose (D)** inside the compartment under the seat.
- route the **brake hose (D)** below the rear subframe jointing plate.





## CR233 – Rear Brake Hoses Replacement if Required

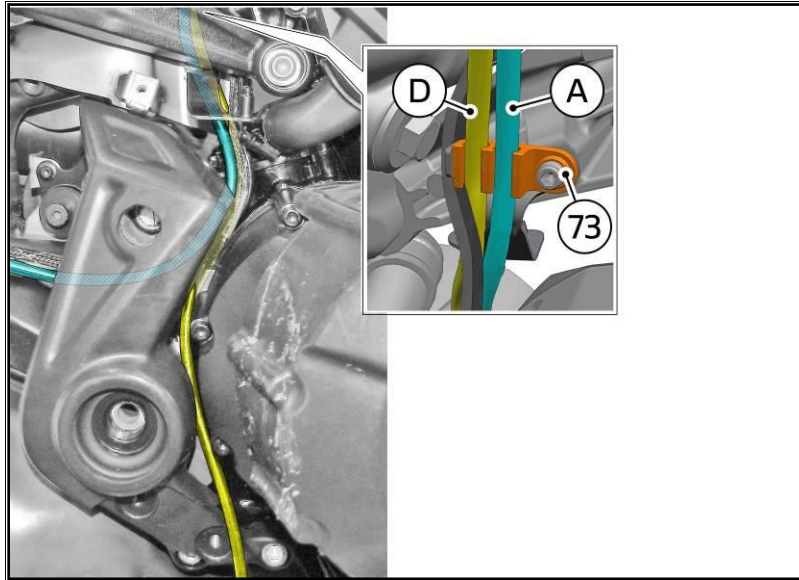
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

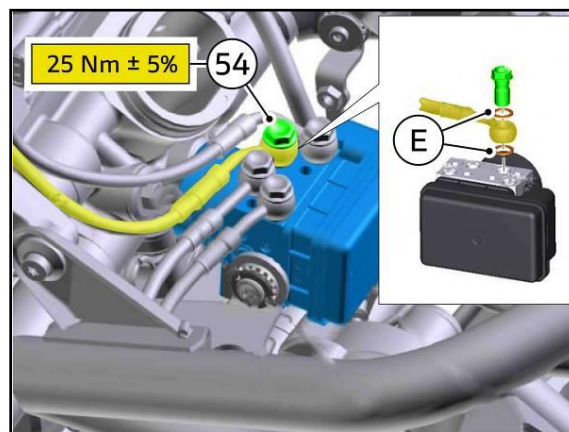


### WARNING

Position brake hoses (A) and (D) inside the hose grommet (73), as shown in the figure.



3. Remove the self-locking ties used to pull the line into place and fasten the fitting to the ABS control unit installing **2 new copper washers (E)** and tighten the **special screw (54)** to a torque of **25 Nm ± 5% with certification**.



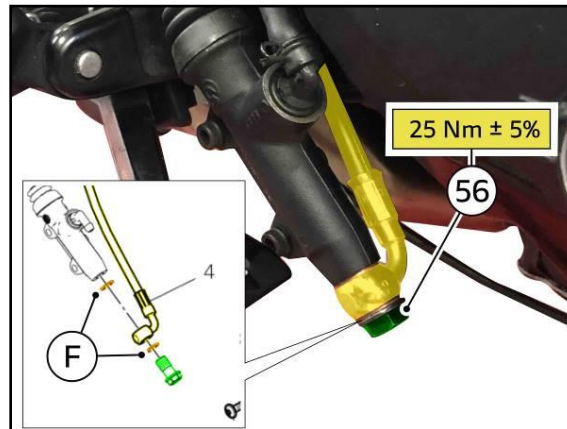


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

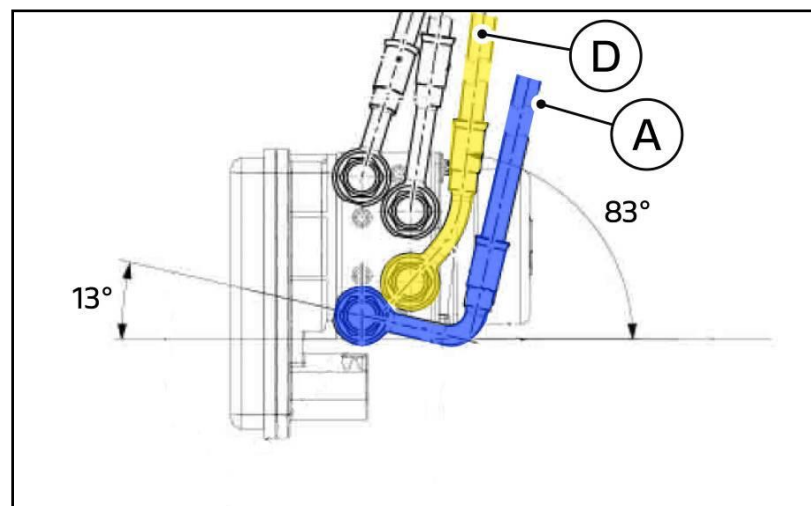
Technical Service Bulletin SRV-TSB-22-008

4. Fasten the rear brake master cylinder fitting using **2 new copper washers (F)** and tighten the **special screw (56)** to a torque of  **$25 \text{ Nm} \pm 5\%$  with certification.**



### WARNING

Make sure that **brake hose (A)** and **brake hose (D)** fittings are aimed on the ABS control unit as shown in the figure and check also that there are no interferences.





## CR233 – Rear Brake Hoses Replacement if Required

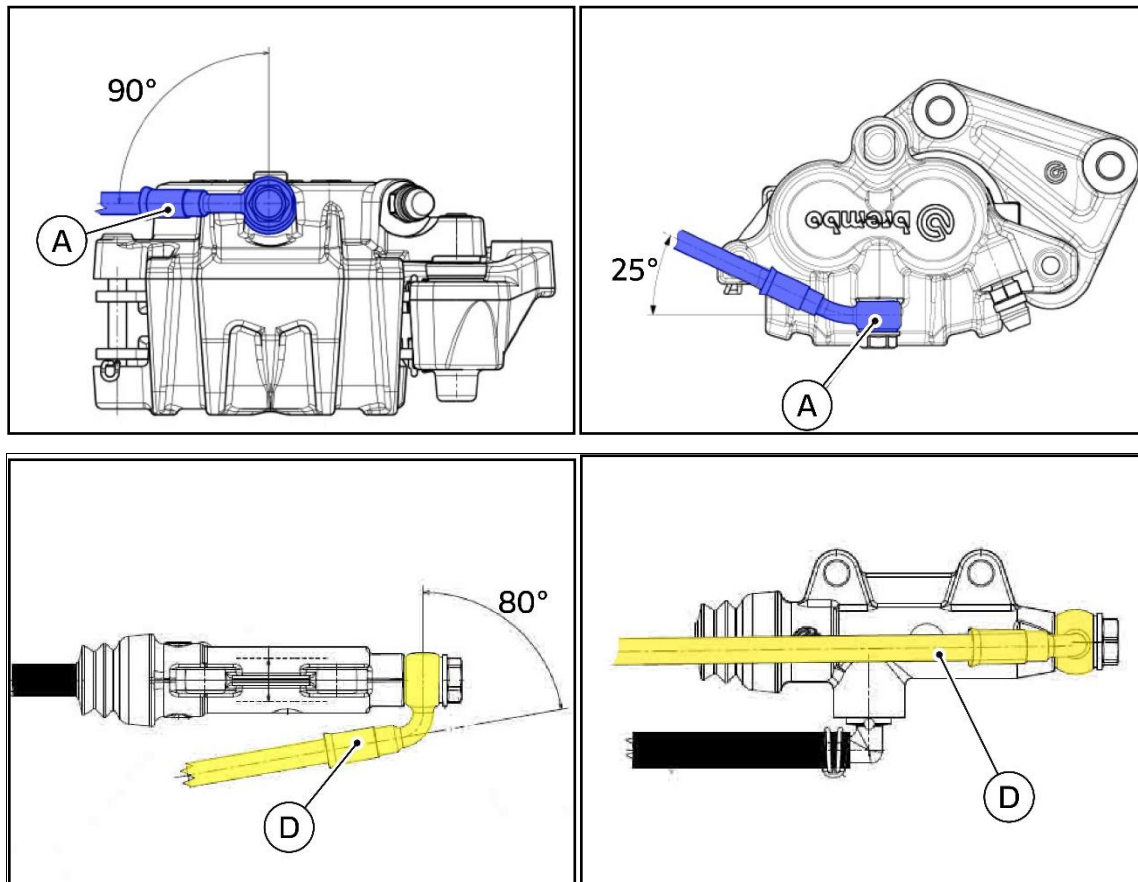
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008



### WARNING

Make sure that **brake hose (A)** and **brake hose (D)** fittings are respectively aimed on the brake caliper and brake master cylinder as shown in the figure.





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

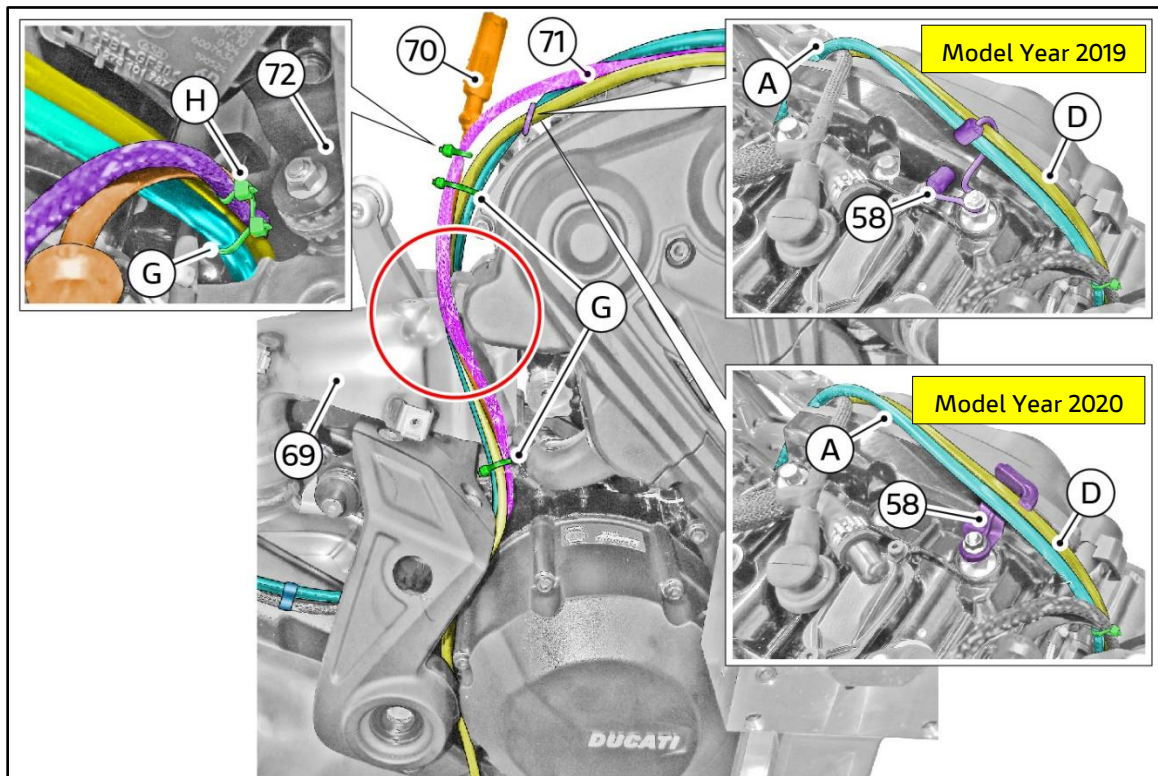
Technical Service Bulletin SRV-TSB-22-008

5. Fasten the new **brake hose (A)** connecting the ABS control unit to the rear brake caliper and the new **brake hose (D)** connecting the ABS control unit to the rear brake master cylinder, as shown below:
  - 5.1 route **brake hose (A)** and **brake hose (D)** inside **hose grommet (58)**
  - 5.2 install 2 **small self-locking ties (G)** joining the **brake hoses (A)** and **(D)**, along with rear speed sensor cable and turn indicator cable
  - 5.3 install the small self-locking **tie (H)** joining **rear speed sensor cable (70)** with **turn indicator cable (71)**. The tie must be positioned at the **bracket (72)** securing the IMU control unit



### WARNING

Position **brake hoses (A)** and **(D)** between **heat guard (69)** and rear speed sensor/turn indicator cables (red circle).



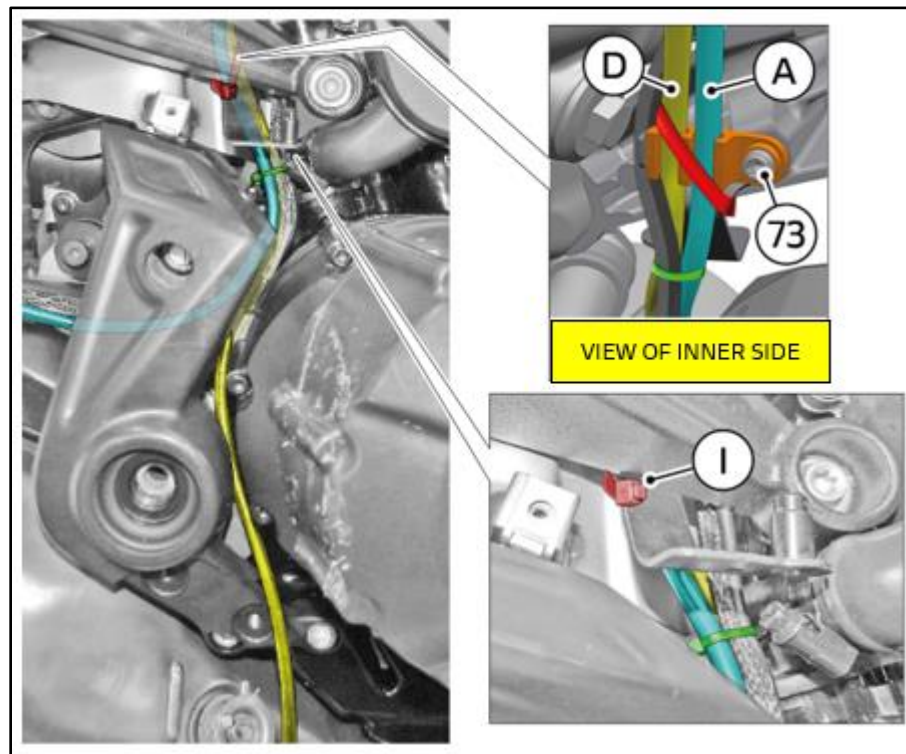


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

- 5.4 route brake hoses (A) and (D) inside the hose grommet (73), aiming them as shown in the figure
- 5.5 fasten brake hoses (A) and (D) to the support bracket of the rear brake fluid reservoir using the big self-locking tie (I)





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

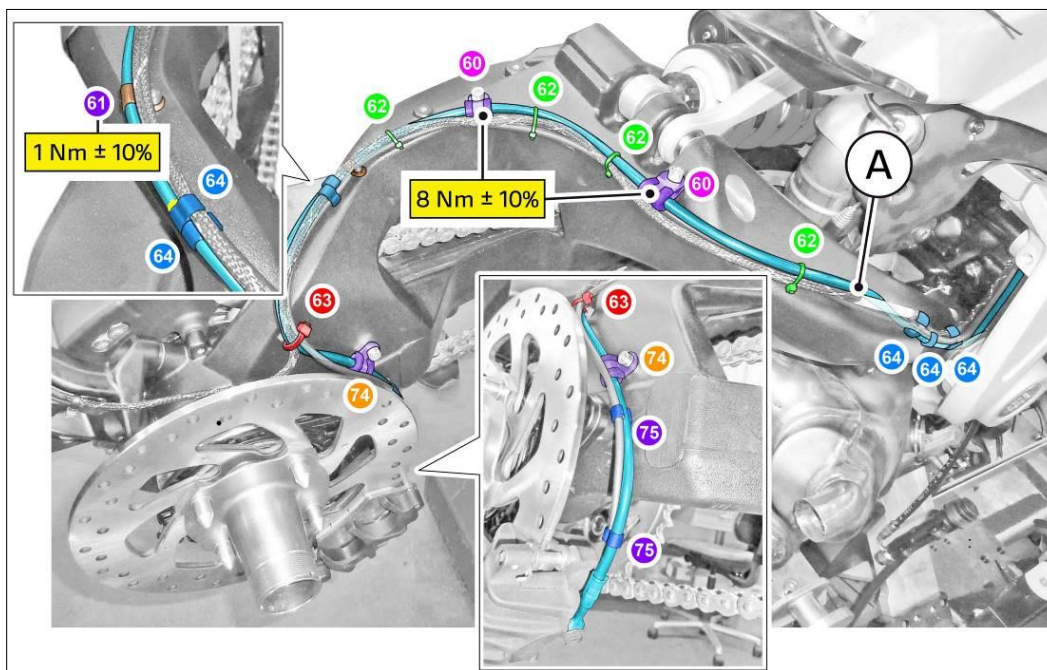
Technical Service Bulletin SRV-TSB-22-008

- 5.6 fasten **brake hose (A)** to the swinging arm using **2 large hose grommets (60)** and tighten the relevant retaining screws to a torque of **8 Nm ± 10%**
- 5.7 fasten **brake hose (A)** to the swinging arm using **1 small hose grommet (61)** and tighten the relevant retaining screw to a torque of **1 Nm ± 10%**
- 5.8 join the rear speed sensor cable and the turn indicator cable to the **brake hose (A)** using the **4 small self-locking ties (62)**
- 5.9 using the **big self-locking tie (63)** join the **brake hose (A)**, the rear speed sensor cable (in correspondence of the marking) and the turn indicator cable (in correspondence of the marking) to the clip installed on the swinging arm
- 5.10 install **5 fast points (64)** in the positions shown in the figure



### NOTE

Fasten hose grommet (74) and 2 fast points (75) ONLY AFTER filling and bleeding the rear brake system to allow handling the rear brake caliper.





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

### Part 5: Rear Brake System Filling and Bleeding

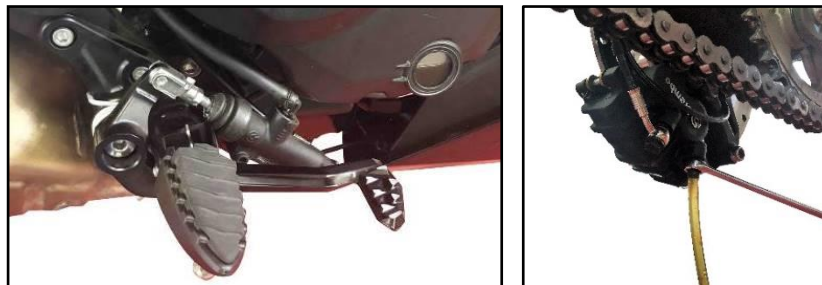
1. Position the fluid reservoir / rear brake master cylinder connection hose, as shown in the figure



2. Install the rear brake fluid reservoir in the relevant support pin and fasten it with clip (52)



3. Proceed with the DOT4 fluid filling inside the rear brake system and bleed the system following the procedure indicated in the bulletin SRV-TTB-17-001 valid for the XDiavel model (this procedure can also be applied to the Diavel 1260 model). The video of this operation can be reviewed at the following link: <https://youtu.be/hQo1FHPA6-U>





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008



### WARNING

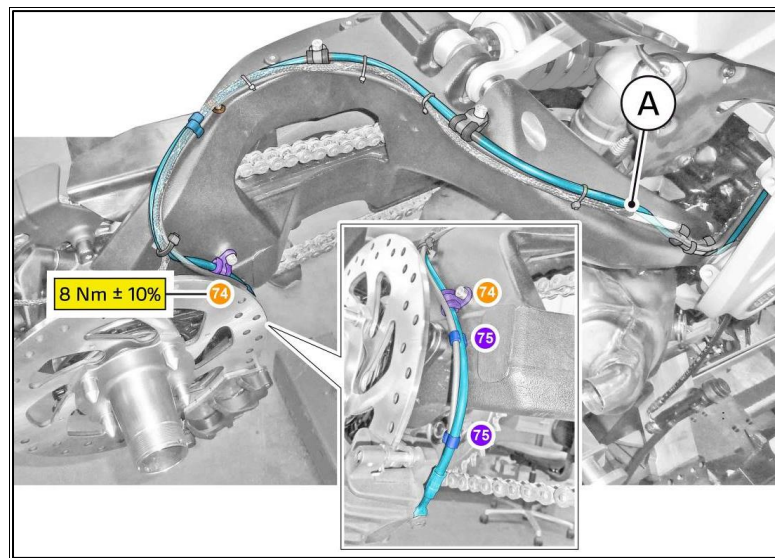
Remember that the brake fluid can damage the paint or parts of the motorcycle. Wash the affected area with plenty of water in case of accidental contact.



### NOTE

Tighten the 2 rear brake caliper retaining screws to a torque of  $44 \text{ Nm} \pm 5\%$  with SHELL GADUS S2 V220 AD 2 grease applied to the threads.

4. Route the **brake hose (A)** in the **hose grommet (74)** tightening the retaining screw to a torque of  $8 \text{ Nm} \pm 10\%$  and join the hose with the speed sensor cable using **2 fast points (75)**.



### WARNING

Pay close attention to the hose and cable routing to ensure it is correct and will not come into contact with the rear wheel and/or tire.



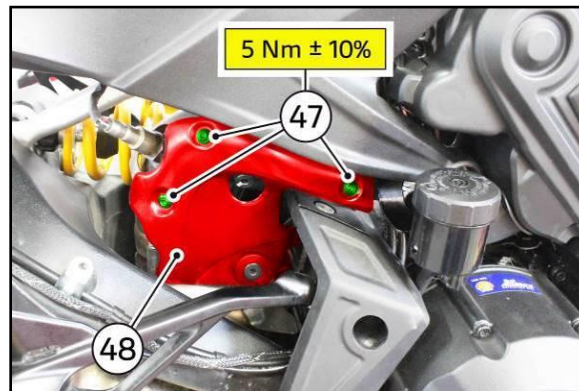
## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

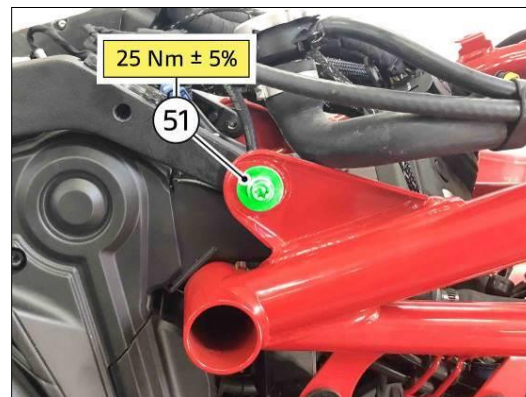
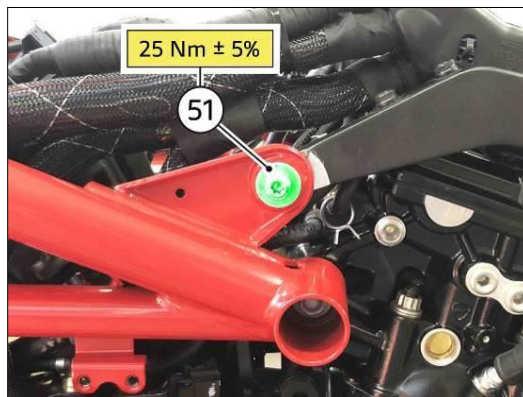
Technical Service Bulletin SRV-TSB-22-008

### Part 6: Vehicle Refitting

1. Install **heat guard (48)** of vertical head manifold tightening the **3 M5x10 screws (47)** to a torque of **5 Nm ± 10%**.



2. Fit the rear mudguard (See Sec.5: "Fairing installation - Front and rear mudguard").
3. Refit the rear wheel (See Sec. 7: "Chassis – Rear wheel" of the Workshop Manual).
4. Fasten the rear subframe to the frame, then tighten the **2 special screws (51)**, on the right and left sides of the vehicle, to a torque of **25 Nm ± 5%** smearing SHELL GADUS S2 V220 AD 2 grease on the bolt threads.



#### NOTE

Check the tightening to **50 Nm ± 5%** of the 2 special screws retaining the rear subframe to the engine, without removing them.

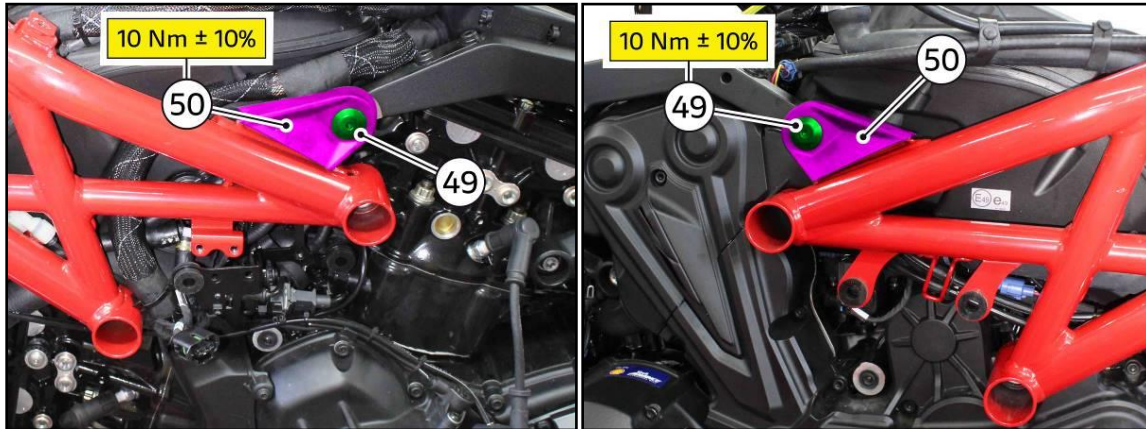


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

5. Install the 2 covers (50), on the right and left sides of the vehicle, tightening the 2 special screws (49) to a torque of  $10 \text{ Nm} \pm 10\%$



6. Remove the adhesive tape from the intake manifolds and apply soapy water on the rubber profile for intake manifold connection at the bottom of the Airbox



7. Install the Airbox on the vehicle making sure that the two intake manifolds are perfectly fitted inside it

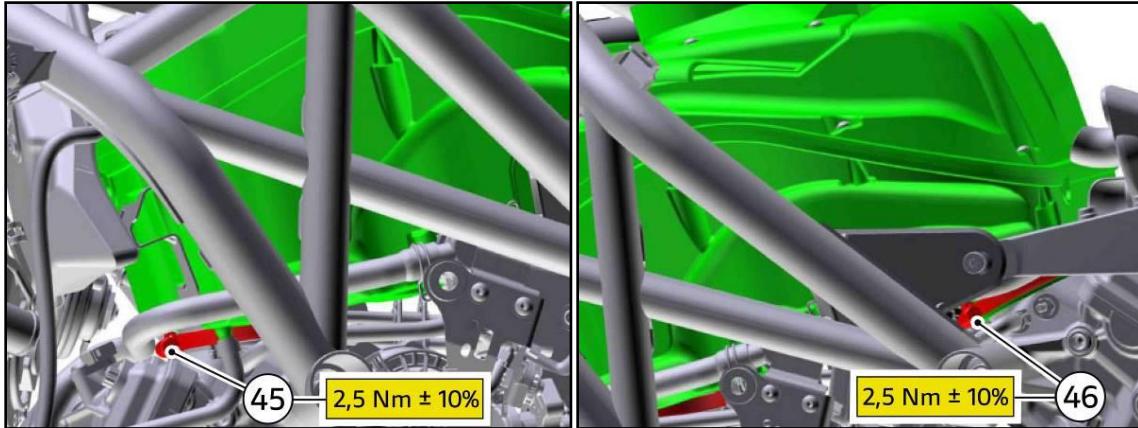


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

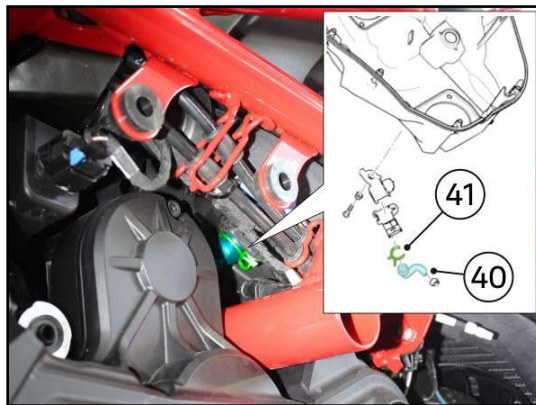
Technical Service Bulletin SRV-TSB-22-008

8. Working on vehicle LH side, fasten the Airbox using **clamp (45)** positioned on the horizontal cylinder head and **clamp (46)** positioned on the vertical cylinder head and tighten them to a torque of **2.5 Nm ± 10%**.

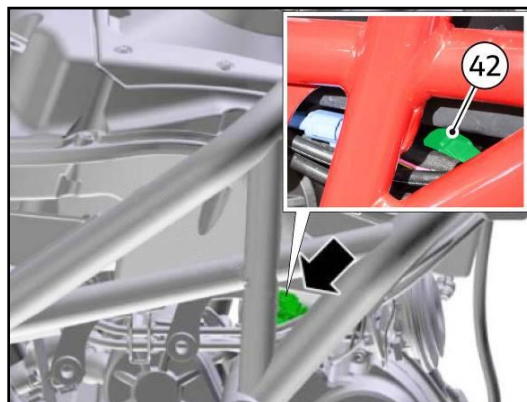


9. Working on vehicle RH side:

- 9.1 install horizontal cylinder head pressure sensor **pipe (40)** and secure it with **clamp (41)**



- 9.2 connect horizontal cylinder head pressure sensor **connector (42)**



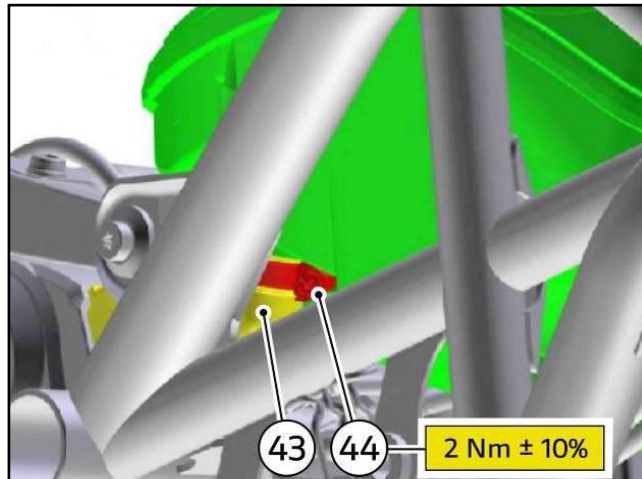


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

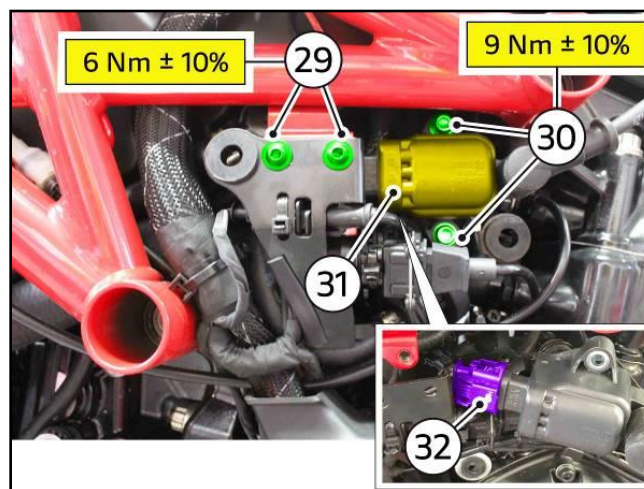
10. Fit the blow-by hose (43) on the Airbox and tighten clamp (44) to a torque of 2 Nm ± 10%



11. Working on vehicle LH side:

11.1 install the connector support tightening 2 M6x10 screws (29) to a torque of 6 Nm ± 10% with LOCTITE 243 applied along the threads

11.2 connect the connector (32) and fasten the ignition coil (31) by tightening the 2 screws M6x25 (30) to a torque of 9 Nm ± 10%.



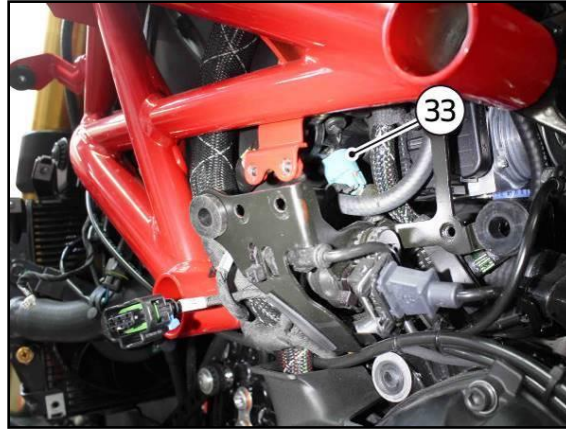


## CR233 – Rear Brake Hoses Replacement if Required

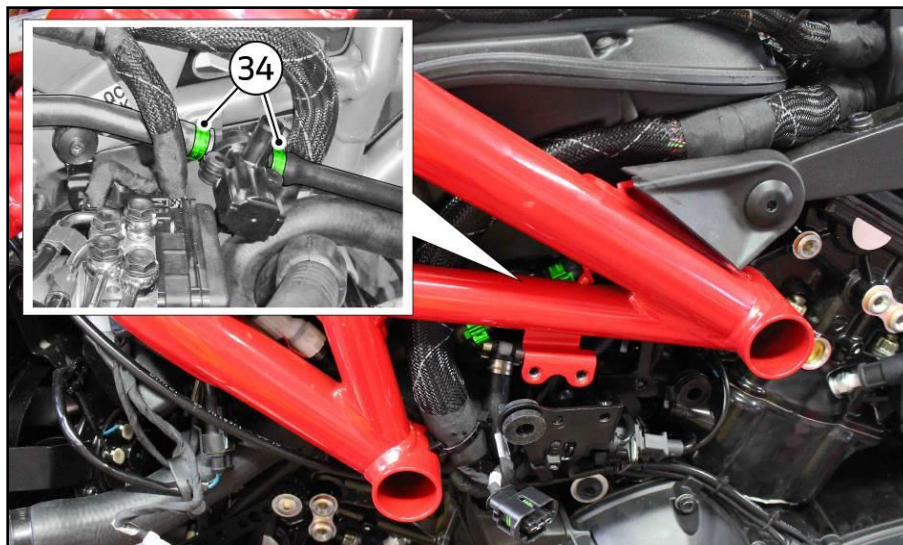
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

11.3 connect secondary air (AIS) connector (33).



11.4 install the 2 pipes connecting the horizontal and vertical heads to the secondary air actuator and fasten them with the 2 clamps (34)



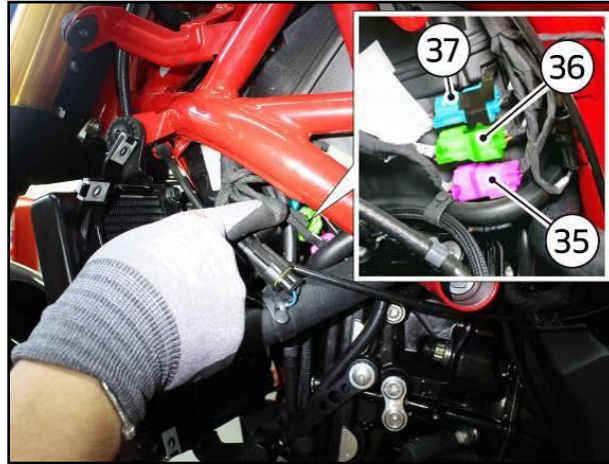


## CR233 – Rear Brake Hoses Replacement if Required

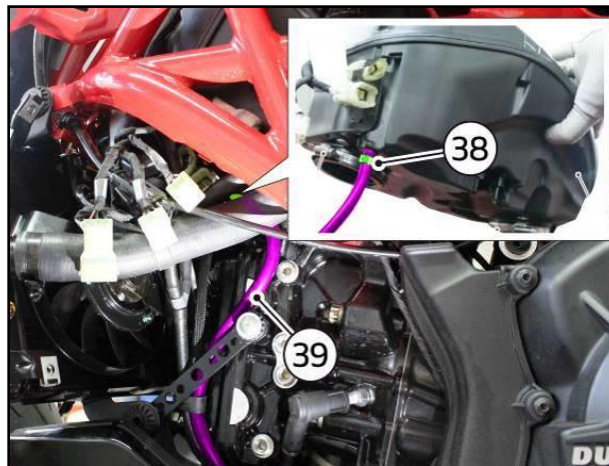
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

11.5 connect vertical cylinder ETV (35), injection (36) and horizontal cylinder ETV (37) connectors



11.6 install Airbox drain hose (39) and secure it with clamp (38)



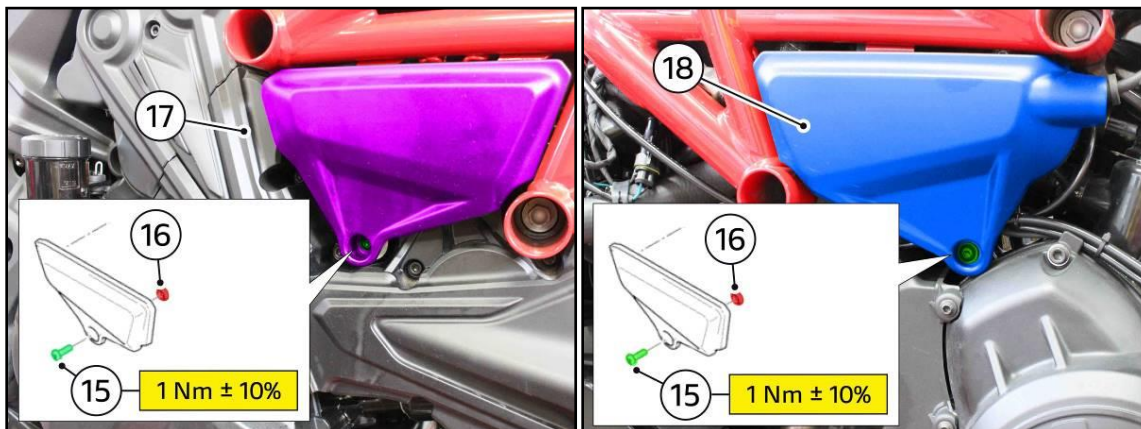


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

12. Install RH cover (17) and LH cover (18) with relevant spacers (16) tightening the 2 M6x22 screws (15) to a torque of **1 Nm ± 10%**



13. Fasten the coolant filling plug support to the Airbox cover as shown in the figure and tighten the retaining **self-tapping screw (28)** to a torque of **3 Nm ± 10%**



### NOTE

Before carrying on with the tightening, start the **self-tapping screw (28)** taking care to start it in the original thread already present.





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

### 14. Connect air temperature sensor connector (27)

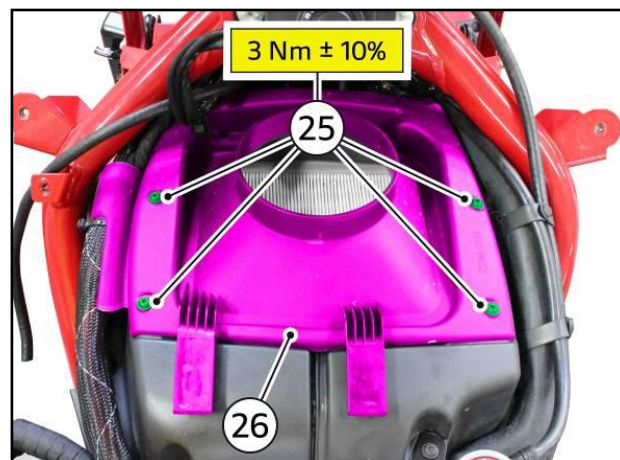


### 15. Fit the filter cover (26) and tighten the 4 self-tapping screws (25) to a torque of 3 Nm ± 10%.



#### NOTE

Before carrying out with the tightening, start the 4 self-tapping screws (25) taking care to start them in the original threads already present.



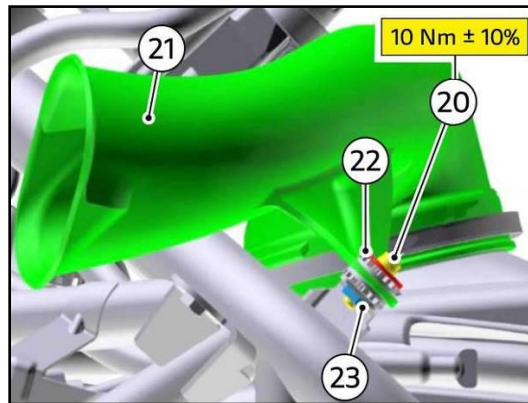


## CR233 – Rear Brake Hoses Replacement if Required

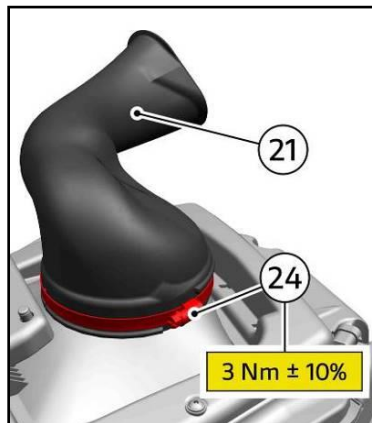
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

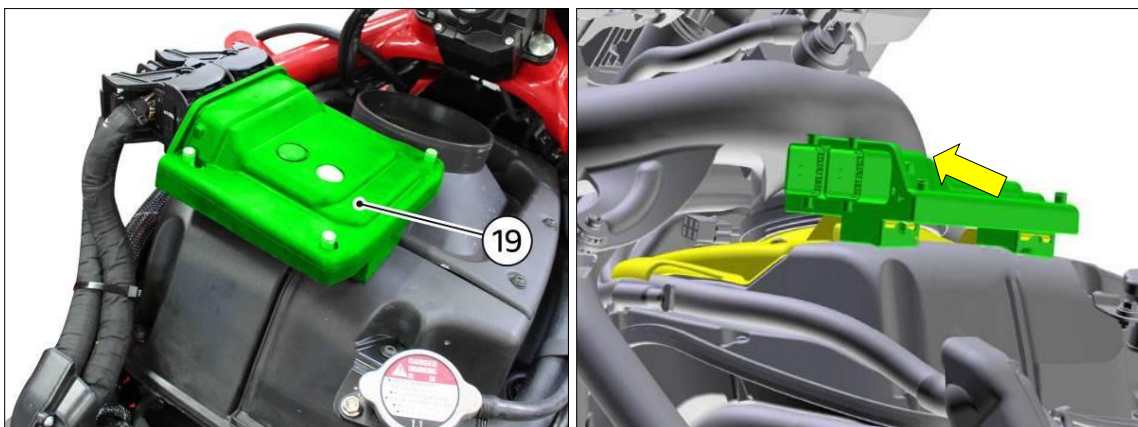
16. Install the air conveyor (21) on the filter cover as shown in the figure.
17. Secure air conveyor (21) to frame by placing bushing (22) in-between and tighten the M6x22 screw (20) while holding nut (23) to a torque of **10 Nm ± 10%**



18. Tighten clamp (24) to a torque of **3 Nm ± 10%**



19. Insert the engine ECU (19) with the rubber protection into the support pins



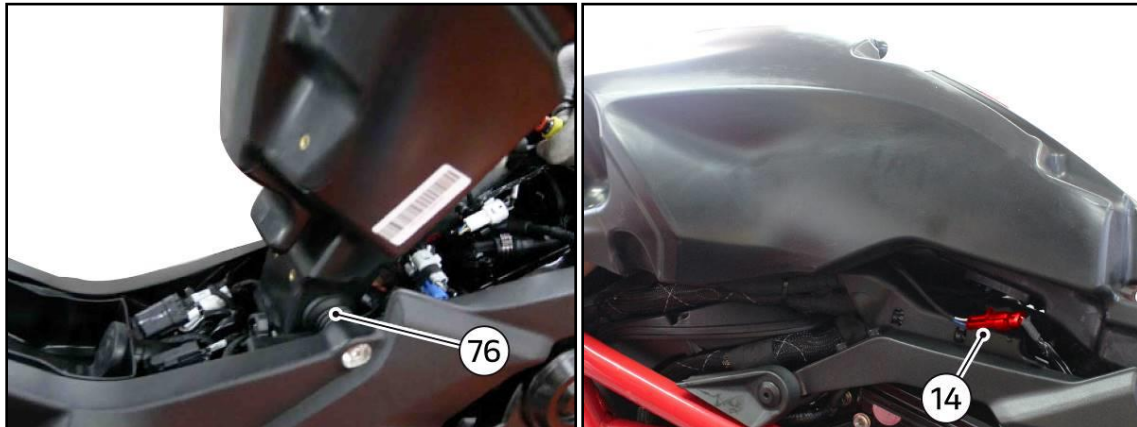


## CR233 – Rear Brake Hoses Replacement if Required

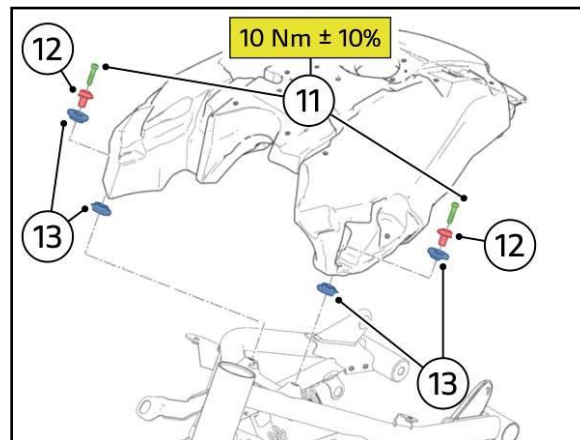
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

20. Refit the fuel tank by inserting the tank on the **buffer (76)** on the rear subframe and connect the fuel level sensor **connector (14)**



21. Working on the RH and LH side, secure the fuel tank to the frame by placing **spacers (12)** with **buffers (13)** in-between and tighten the **2 M6x30 screws (11)** to a torque of **10 Nm ± 10%**



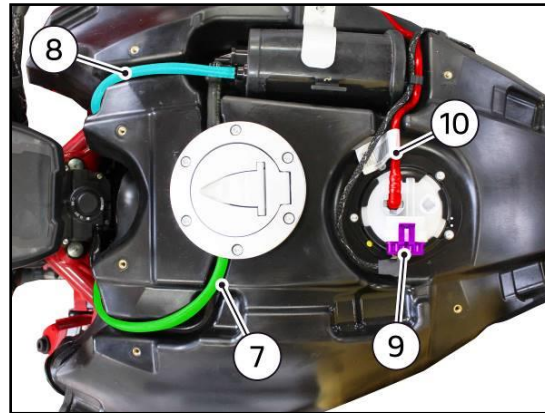


## CR233 – Rear Brake Hoses Replacement if Required

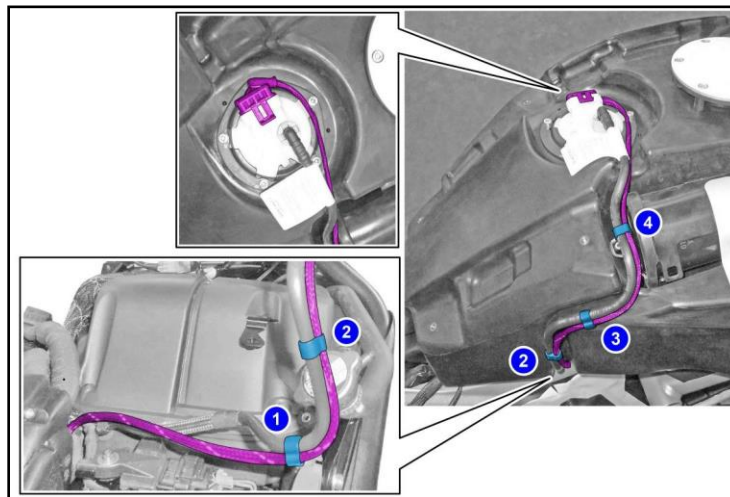
Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

22. Working on the fuel tank, connect: the breather hose (7) to tank filler plug, the hose (8) to canister filter, the fuel pump connector (9), the fuel supply hose (10) and position them as shown in the figure



23. Join the fuel pump wiring to the fuel supply hose using the 4 fast points, as shown in the figure





## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

24. Fit the **Hands Free cover (6)** and the **tank central cover (5)** (See Sec.5: "Fairing installation - Fairing" of the Workshop Manual)



25. Working on the right side of the motorcycle, install in sequence (See Sec.5: "Fairing installation - Fairing" of the Workshop Manual); the **tank side covers (4)**, the **air conveyor external covers (3)**, the **air conveyor internal covers (2)**, and the **turn indicators/cover assembly (1)**



26. Start the engine and keep it at idle until reaching the fan activation condition

27. Connect the DDS 3.0 diagnosis instrument and run a Global Scan

28. Mount the seat

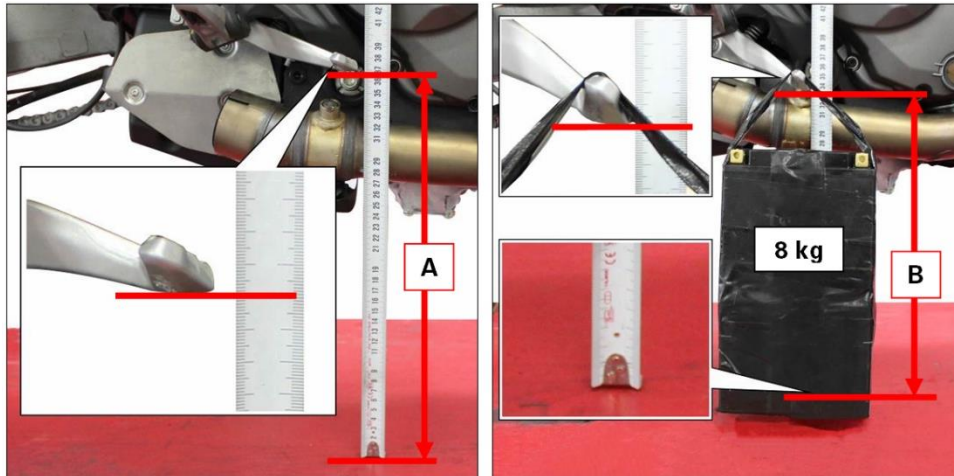


## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

29. Measure height **(A1)** between rear brake lever lower end and load-bearing surface; brake lever must be in rest position (upper limit stop).
30. Slowly position the 8 kg weight onto rear brake lever; then measure height **(B1)** between rear brake lever lower end and load-bearing surface.



31. Note the difference between the measured heights **(A1)** and **(B1)**.

$$\text{Rear brake lever stroke 1} = (A1) - (B1)$$

32. Test ride the vehicle on the road at a speed of about 30 MPH (50 Km/h) and, by operating only the rear brake, brake until the ABS is engaged at least 10 times.
33. Measure again the rear brake lever stroke as referred to under section (29) and (30).



### WARNING

The measurement of the rear brake lever stroke required must be taken with the same temperature conditions as the previous measurement. Therefore, if the measurement was taken with cold engine, it will be necessary to wait for 2 hours before proceeding.



## CR233 – Rear Brake Hoses Replacement if Required

Diavel 1260 STD/S (all country versions)

Technical Service Bulletin SRV-TSB-22-008

34. Note the difference between the measured heights **(A2)** and **(B2)**.

$$\text{Rear brake lever stroke 2} = (A2) - (B2)$$

35. Compare the 2 stroke values of the rear brake lever.

- If a stroke increase of the rear brake lever is detected, repeat the whole bleed procedure.
- Once the new bleeding procedure is completed, check that the stroke of the rear brake lever has not increased.

36. Remove the motorcycle from the rear paddock stand.

37. Perform a soft cleaning of the motorcycle before delivering it to the Customer.

For questions on this Workshop Campaign,  
please contact your Service Area Manager.