



CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

Technical Service Bulletin SRV-TSB-23-001

Date: January 12, 2023
To: Dealer Principal, General Manager, Service Manager, North American Dealer Network
From: Richard Kenton, Technical Director
Dan Schwartz, Service Area Manager

Dear Dealers,

This bulletin is to inform you that following reports of a slight slackening of the rear brake lever over time and as a consequence of use, new rear brake hoses (ABS control unit/rear brake master cylinder and ABS control unit/rear brake caliper) are now available for the model listed above in order to prevent this condition. ONLY if the described condition is present, it is necessary to order the part numbers shown in the table, which vary according to the Model Year. Therefore, pay close attention to the part no. selection.

MTS 1200 MY 2010 - 2012	Rear brake master cylinder/ABS control unit hose	61911881A	1 pc
	ABS control unit/rear brake caliper hose	61911891A	1 pc
	Copper washers 10x14	85250241A	10 pcs
	Fairlead/hoses retainer clip	75840611A	1 pcs

MTS 1200 MY 2013 - 2014	Rear brake master cylinder/ABS control unit hose	61911901A	1 pc
	ABS control unit/rear brake caliper hose	61911911A	1 pc
	Copper washers 10x14	85250241A	10 pcs
	Copper washers 12x16	85250261B	5 pcs

Always remind Clients 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.



WARNING

If a motorcycle which has already carried out the check without replacing the brake hoses enters your workshop again, you can carry out the check once more. If you find an increase of the rear brake lever stroke or the Client complains of this condition, you may proceed with the replacement under warranty (including the cost of the parts and labor) of the rear brake hoses with those available in the tables indicated above.



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Application

You can find the precise list of VIN numbers involved in CR242 on the DCS, in sections:

VIN HISTORY		It is possible to search by individual frame number.
CAMPAIGNS		It is possible to search for all the frame numbers that you received from Ducati Motor Holding.



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Client Impact

All motorcycles in your inventory (to be registered or already registered) and to be delivered to final Customers must be updated during pre-delivery operations and always before delivery to the final Customer. All motorcycles already delivered to final Customers must undergo this inspection as soon as they come to your workshop. Note: this is NOT a safety recall.

Involved vehicles must have the new rear brake hoses installed **ONLY** if the above-described condition is detected.

Spare Parts

MTS 1200 MY 2010 - 2012	rear brake master cylinder/ABS control unit hose	61911881A	1 pc
	ABS control unit/rear brake calliper hose	61911891A	1 pc
	copper washers 10x14	85250241A	10 pcs
	fairlead/hoses retainer clip	75840611A	1 pcs

MTS 1200 MY 2013 - 2014	rear brake master cylinder/ABS control unit hose	61911901A	1 pc
	ABS control unit/rear brake calliper hose	61911911A	1 pc
	copper washers 10x14	85250241A	10 pcs
	copper washers 12x16	85250261B	5 pcs

- Small and Large Self-locking ties
- DOT 4 brake fluid

Parts Distribution

If required, the above referenced components needed to carry out the upgrade under this Workshop Campaign must be ordered for each affected frame number.

The required small and large self-locking ties and DOT 4 fluid are easy to find consumables and should be sourced locally.

Warranty Reimbursement Rules

Reimbursement for work associated with this Service Campaign will be made through the regular warranty claim procedure using the “**VIN History**” section of the DCS. The warranty claim is pre-filled and is identified as CR242. Depending on the model, three operation types are provided and described on the following page:



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Check only:

	Description	Spare parts	Labor
Repair TYPE 1	Rear brake pedal travel check	No spare parts are required	

Brake hose replacement:

	Description	Spare parts	Labor
Repair TYPE 2	Replacement of rear brake hoses on MTS1200 MY 10-12	• ABS control unit / rear brake master cylinder hose Part no. 61911881A • ABS control unit / rear brake caliper hose Part no. 61911891A • Copper washers Part no. 85250241A (10pcs) • fairlead Part no. 75840611A (1pcs)	
Repair TYPE 3	Replacement of rear brake hoses on MTS1200 MY 13-14	• ABS control unit / rear brake master cylinder hose Part no. 61911901A • ABS control unit / rear brake caliper hose Part no. 61911911A • the copper washers Part no. 85250241A (10pcs) • the copper washers Part no. 85250261B (5pcs)	

Operation Type 2 or Type 3 includes reimbursement for the parts listed for the operation, the consumable ties and DOT 4 brake fluid; and labor for [REDACTED] that includes the time necessary for:

- Vehicle reception
- Check rear brake pedal travel
- Rear brake hose removal (ABS control unit / brake master cylinder and ABS control unit / brake caliper)
- Installation of new rear brake hose assembly (ABS control unit / brake master cylinder 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 the self-locking ties and DOT 4 fluid used to fill the rear brake system



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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.

We recommend taking your time to fully understand the procedure before attempting its implementation on the motorcycle (you may print the document in color for a better understanding).

We also remind you that the work environment where you carry out the procedure and the tools and equipment used (wrenches and gloves) must be clean.



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).

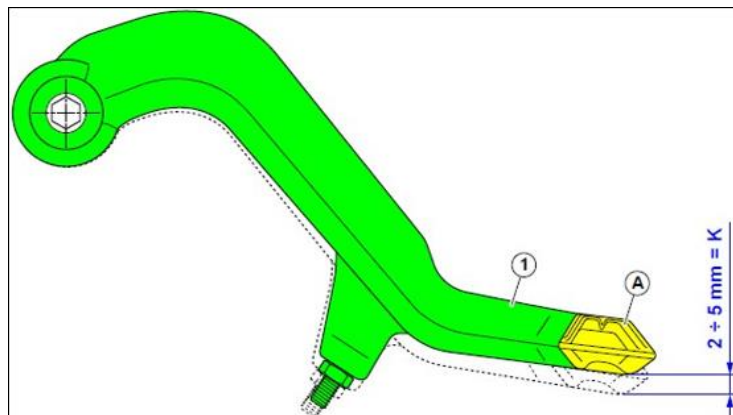
Operation 1: Check rear brake pedal travel



WARNING

Before measuring the heights (A) and (B) in following steps, always check that the free play travel of the rear brake lever is correct (between 2 mm to 5 mm).

Remember that the idle stroke refers to the stroke performed by the brake cylinder control rod before operating the pump. If the idle stroke is outside the specified values, it must be adjusted using the adjustment screw on the control rod.





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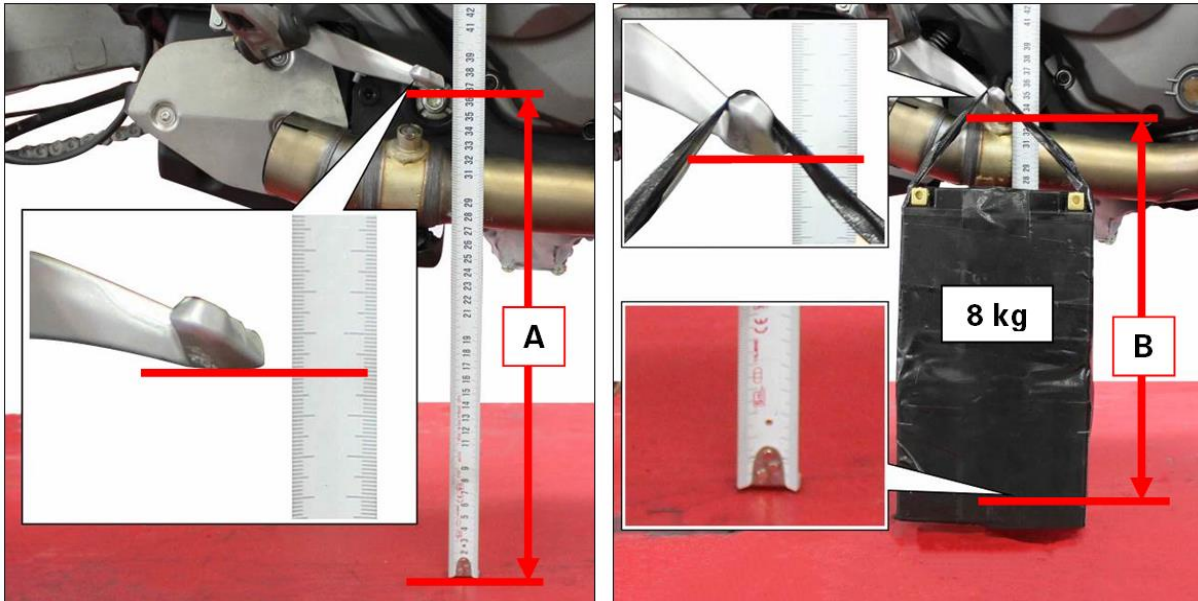
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NOTE

The figures shown for the following procedure are for illustration purposes only.

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



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

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

4. Road test the vehicle 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**.



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5. Measure again the rear brake lever stroke as referred to under section (1) and (2).



WARNING

The second measurement of the rear brake lever stroke 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.

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

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

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

If NO difference is detected between the two measurements, no further operation is required.

If a travel increase of the rear brake lever is detected, proceed with **Operation 2: Replacement of rear system brake hoses.**

Operation 2 Part 1: Vehicle preparation

1. Position the motorcycle on the rear paddock stand.
2. Remove the seat (See Sec.05 "Fairing installation - Seat-tail guard and side body panels" of the Workshop Manual).
3. Drain the oil contained in the rear brake system (see Sect. 04 - Maintenance operation - Changing the rear brake circuit fluid).



WARNING

Ensure brake fluid does not contact motorcycle surfaces. If contact occurs, clean fluid from the surface with appropriate cleaner. Damage to vehicle components from brake fluid contact is not a warrantable defect, and is the responsibility of the dealer to correct.



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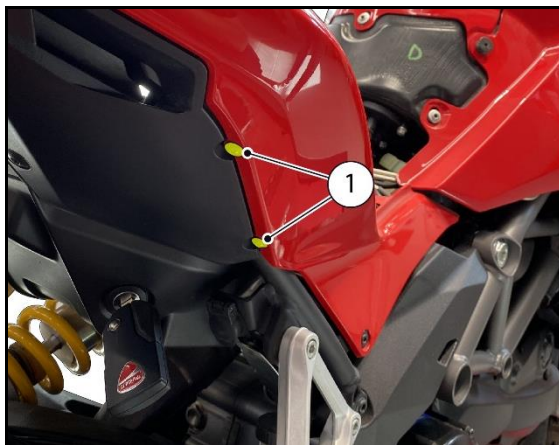
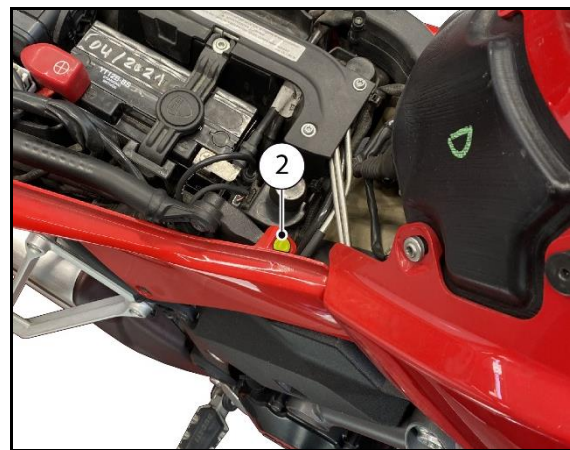
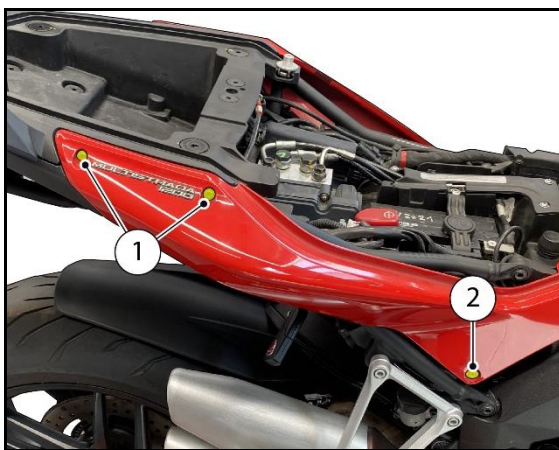
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4. Loosen the 4 screws M5x12 (1), the 2 screws M5x8.5 (2) and remove the RH side body panel.



NOTES

Collect the 6 nylon washers (3).





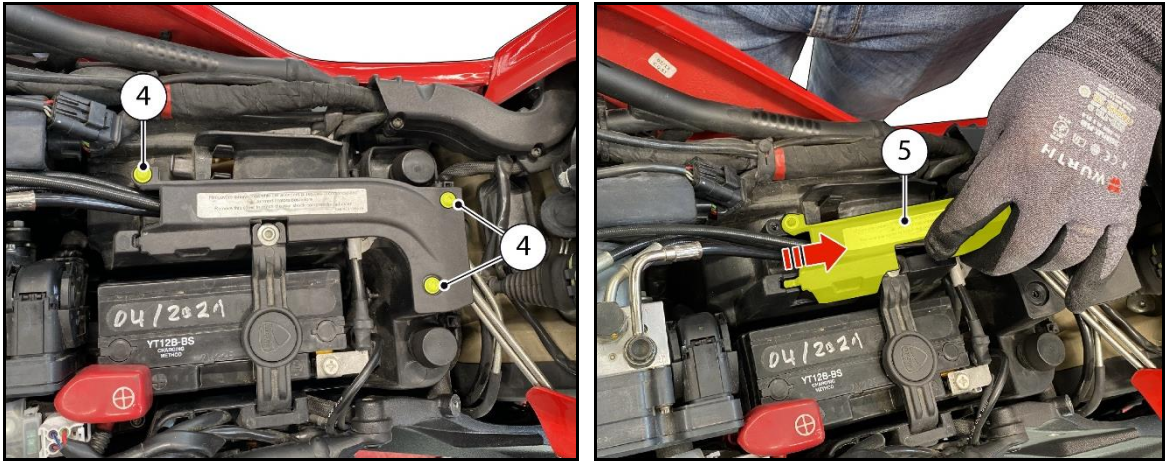
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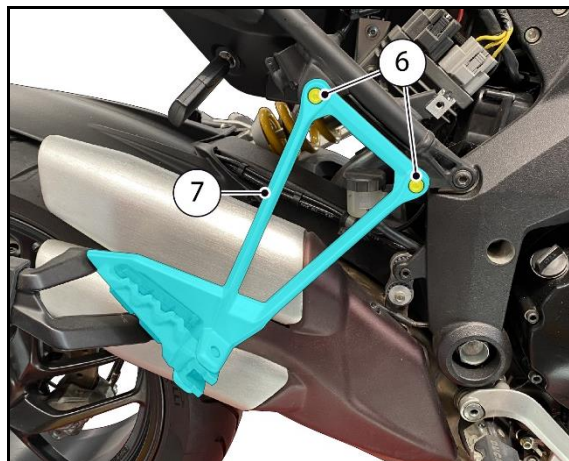
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5. Loosen the 3 screws M5x16 (4) and remove the ABS hose cover (5).



6. Loosen the 2 screws M8x25 (6) and remove the RH rear footpeg holder plate (7).





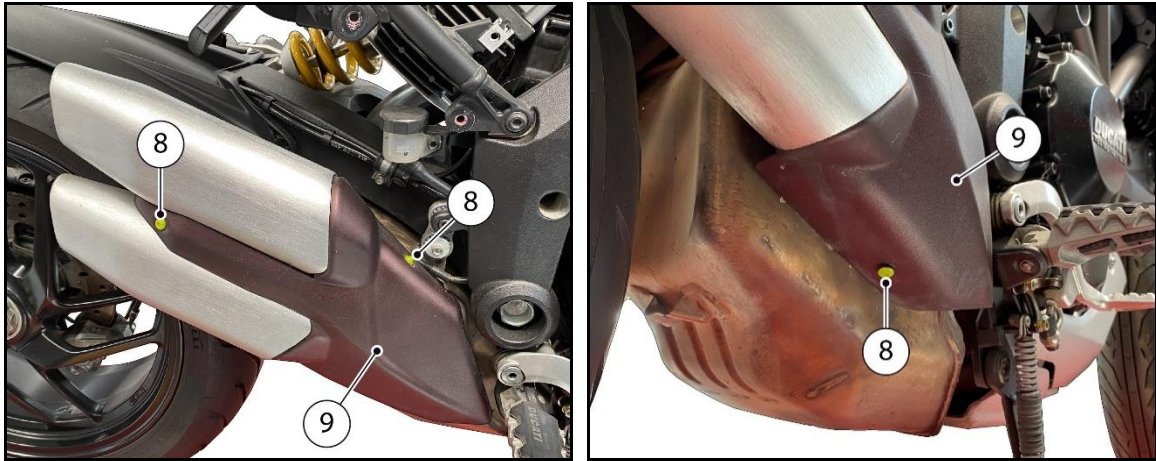
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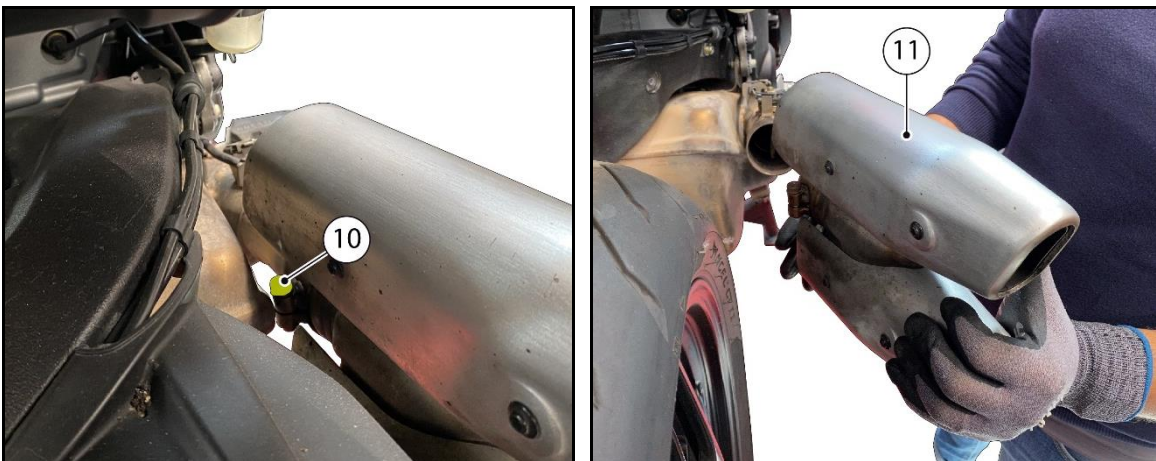
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7. Loosen the 3 screws **M5x12 (8)** and remove the silencer protection **(9)**.



8. Loosen the screw **M8x25 (10)** and remove the silencer **(11)**.



9. Remove the rear wheel (see Sec. 07: "Chassis - Rear wheel").



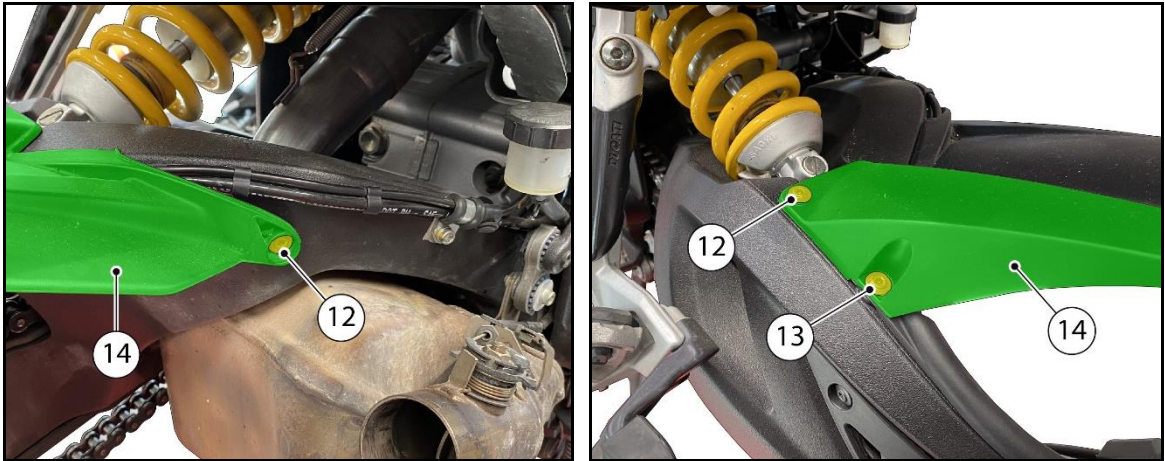
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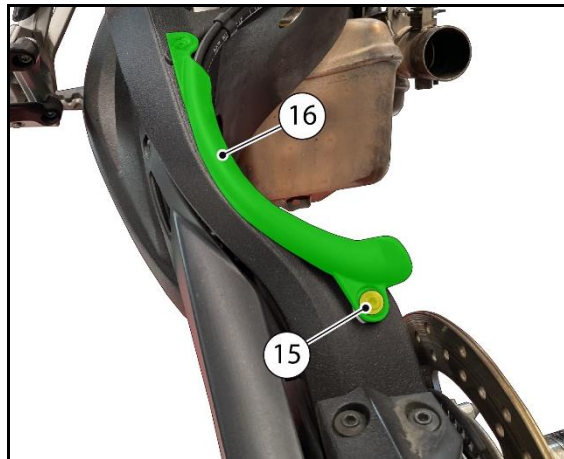
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10. Loosen the 2 screws M8x8.5 (12), the screw M8x8.5 (13) and remove the rear mudguard (14).



11. Loosen the screw M8x8.5 (15) and remove the hose grommet (16).





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Part 2: Rear brake hose removal

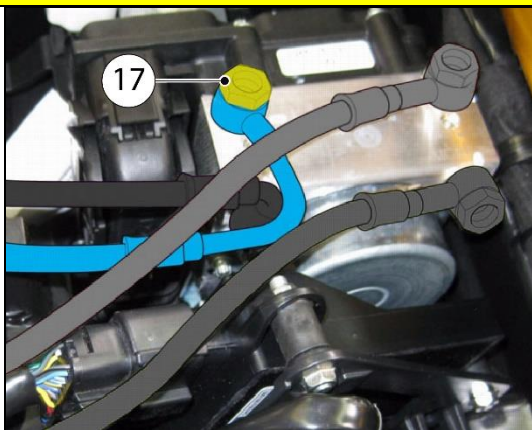
1. Working on ABS control unit, remove the **M10x1 special screw (17)** with the **2 copper washers (18)**.



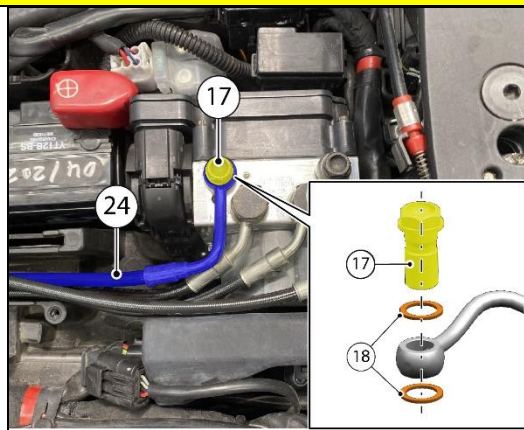
WARNING

Brake fluid can damage the paint or parts of the motorcycle. Wash the affected area with plenty of water in case of accidental contact. Damage to motorcycle finishes and components due to brake fluid contact during repairs is not warrantable and is the responsibility of the dealer to remedy.

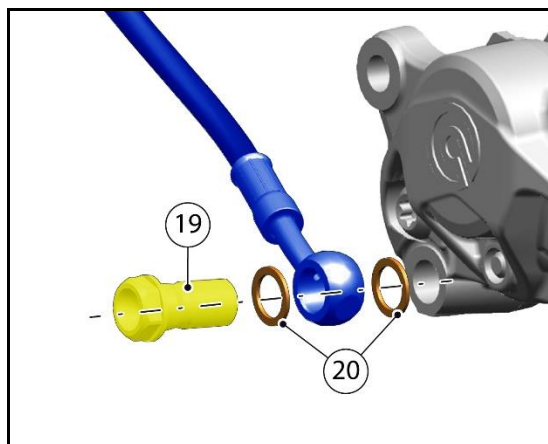
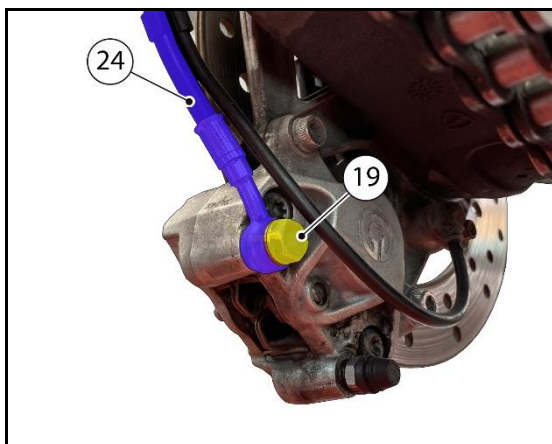
MTS 1200 MY 2010 - 2012



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2. At the rear caliper, loosen the **special screw M10x1 (19)** and remove the **2 copper washers (20)**.





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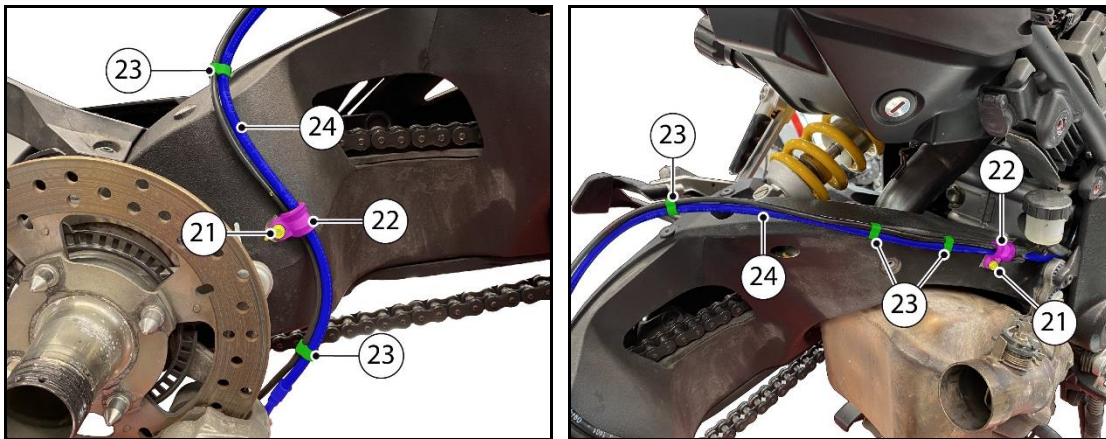
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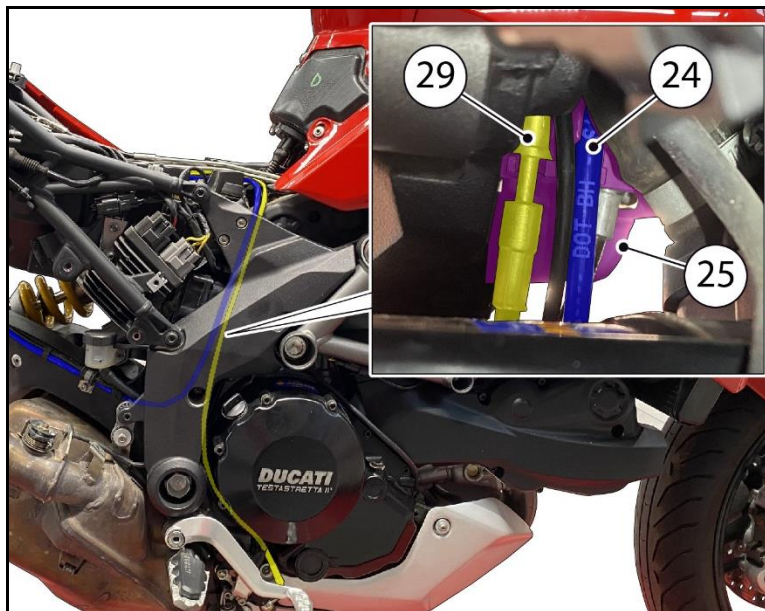
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3. Unscrew the 2 screws M6x16 (21) and remove the hose grommet (22).

Mark with a felt-tip pen the position of the fast points (23) and then remove them.



4. Remove the brake hose (24) connecting ABS control unit to rear brake caliper from its seat on the heat guard (25) of the exhaust butterfly valve motor.





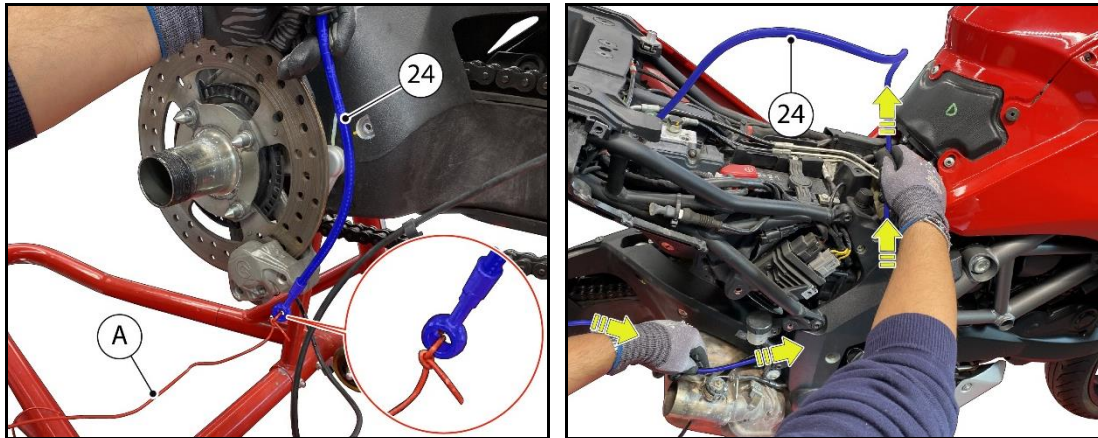
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5. Tie a **string (A)** to the eyelet of the **hose (24)** for the ABS/rear brake caliper to facilitate the operation of hose removal/installation.

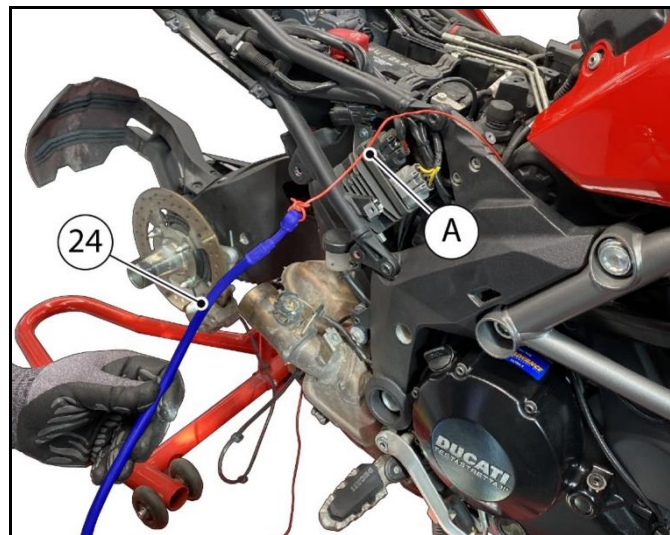


6. Slide out the brake **hose (24)** connecting the ABS control unit to the rear brake caliper then untie the **string (A)** from **hose (24)**.



NOTE

Leave the **string (A)** in the motorcycle for now, it will be used as guide for installation of the new ABS control unit/rear brake caliper hose.





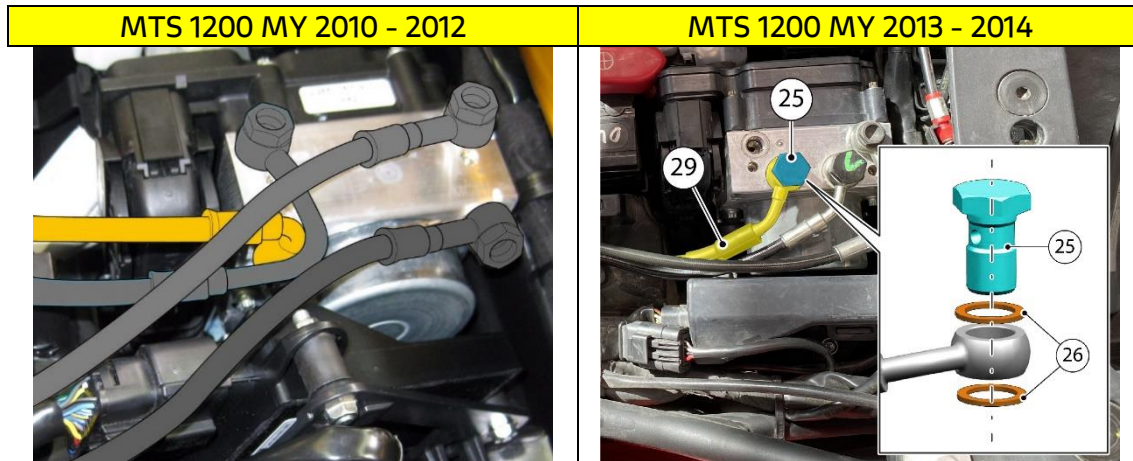
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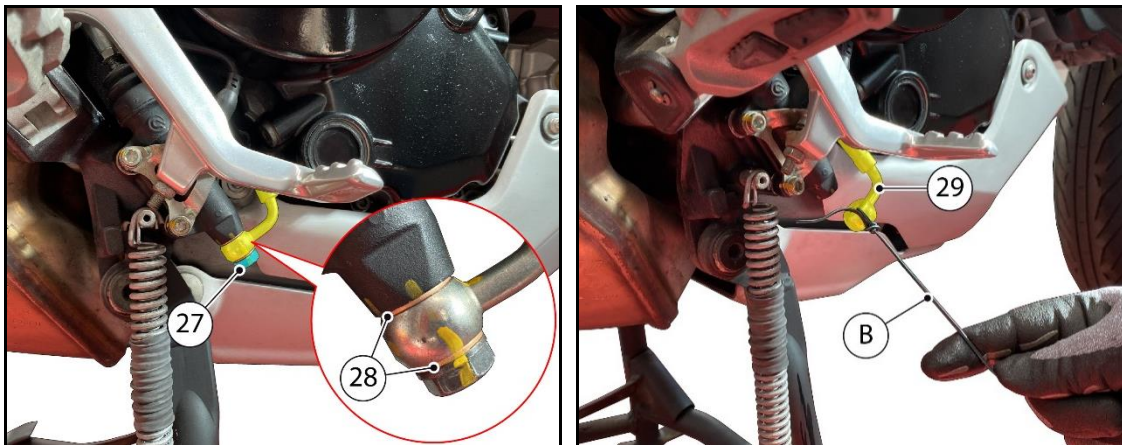
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7. Working on ABS control unit, remove the **M10x1 special screw (25)** and remove the **2 copper washers (26)**.



8. At the rear brake master cylinder, loosen the **M10x1 special screw (27)** and remove the **2 copper washers (28)**.

Tie a **string (B)** to the eyelet of the **hose (29)** for ABS/rear brake master cylinder to facilitate the operation of hose removal/installation.





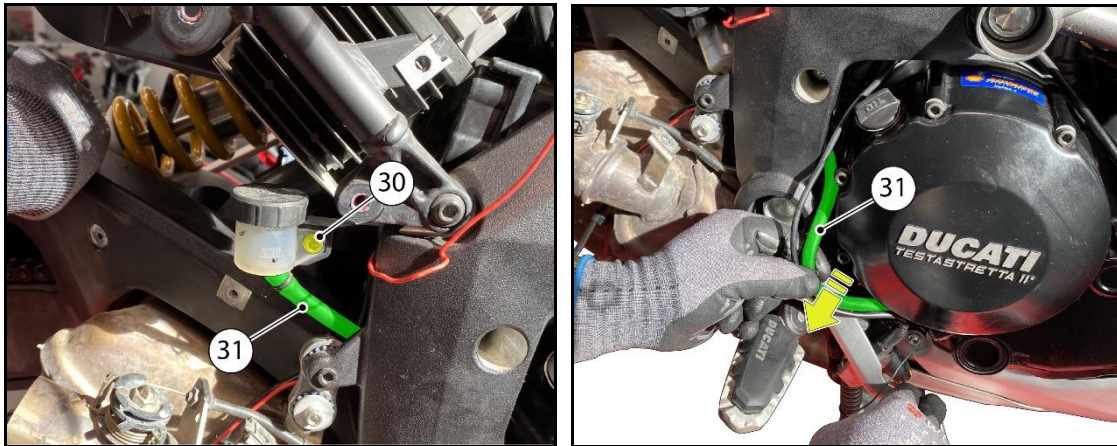
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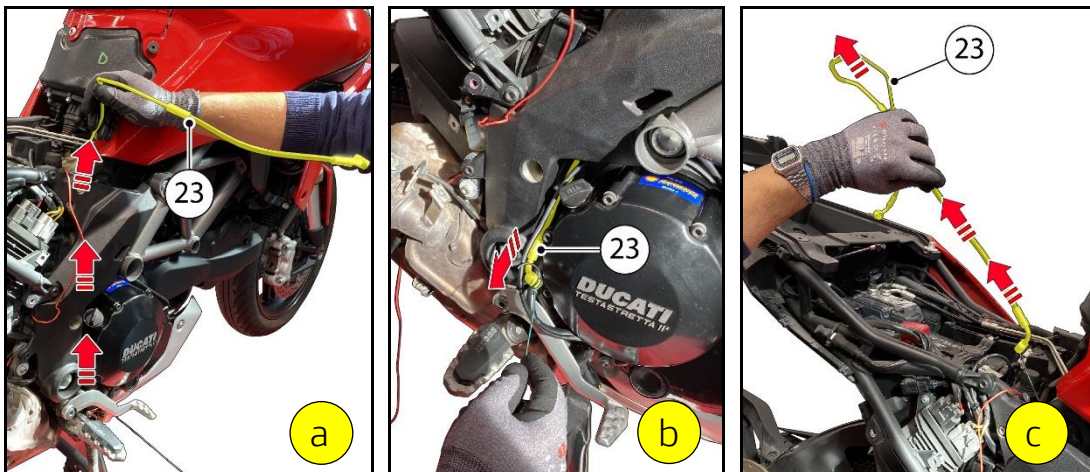
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9. Remove the **screw M6x16 (30)** and slide out the rear brake fluid reservoir **hose (31)** as shown in the figure.



10. Remove the ABS/rear brake master cylinder **hose (23)** as follows:

- Lift the **hose (23)** upwards
- Position the lower part of the **hose (23)** as shown in the figure
- Remove the **hose (23)** upwards
- Untie the **string (B)** from the **hose (23)**





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Part 3: Rear Brake Hose Installation - ABS unit to Rear Brake Master Cylinder

1. Take the new brake hose connecting the ABS control unit to the rear brake master cylinder.

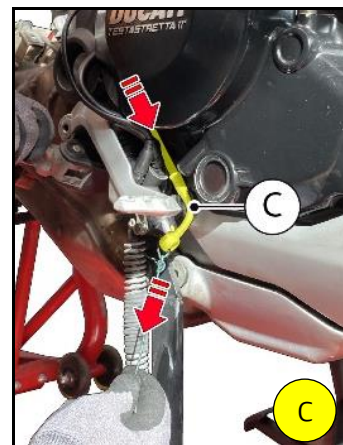
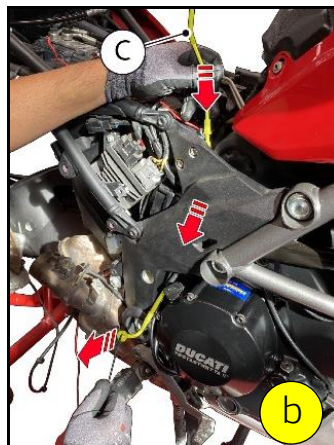
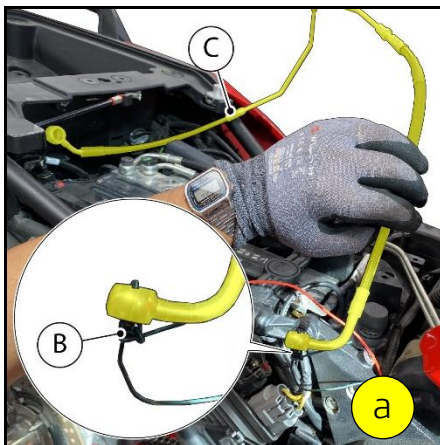


NOTES

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



2. Position the ABS/rear brake master cylinder **hose (C)** as follows:
 - a. Tie the **string (B)** to the eyelet of **hose (C)**
 - b. Position the lower part of the **hose (C)** as shown in the figure
 - c. Pull the **hose (C)** downwards





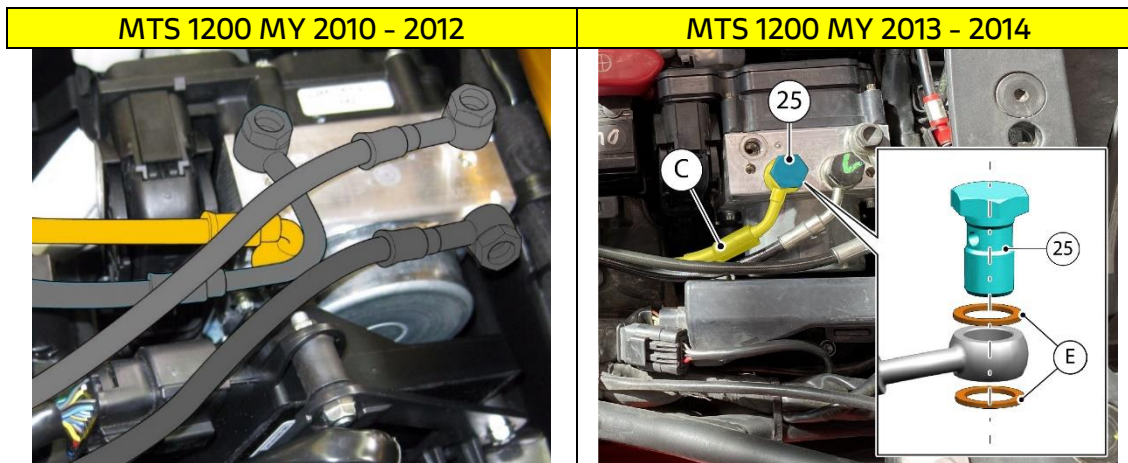
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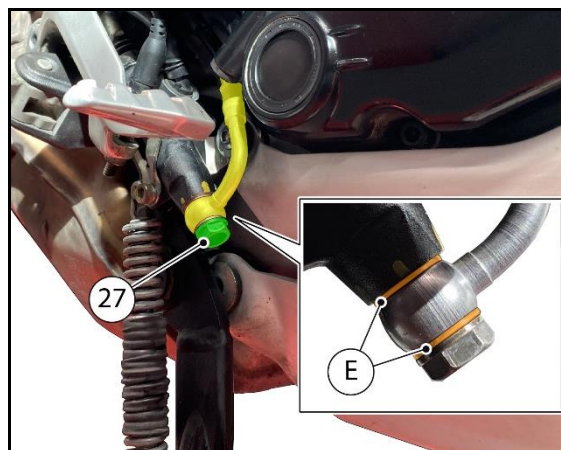
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3. Position **2** new copper washers (E) and start the special screw M10x1 (25). Set torque in step 7.



4. Remove the string (B).

Position **2** new copper washers (E) and tighten special screw M10x1 (27) to a torque of 23 Nm ± 10%.





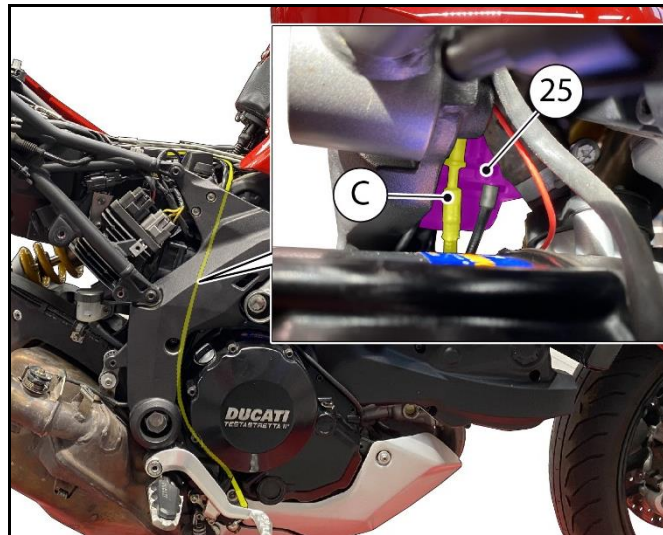
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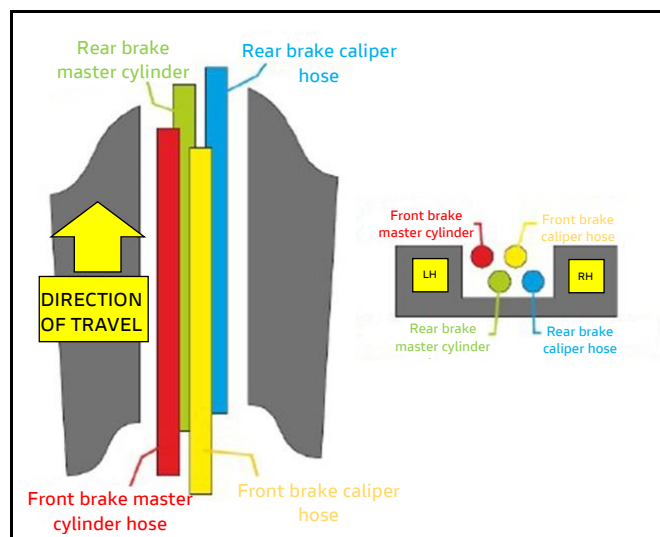
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5. Position the brake **hose (C)** connecting ABS control unit to rear brake master cylinder inside the dedicated slot of the **heat guard (25)** for the exhaust butterfly valve motor.



6. Position the brake hose connecting the ABS control unit to the rear brake caliper in the channel as shown in the image below.





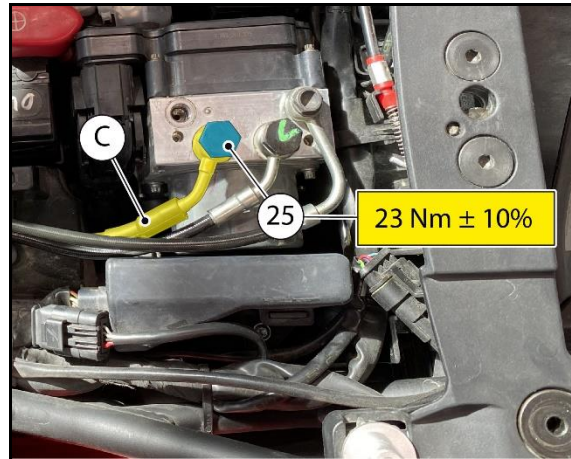
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7. Tighten the **special M10x1 screw (25)** at ABS to a torque of **23 Nm ± 10%**.



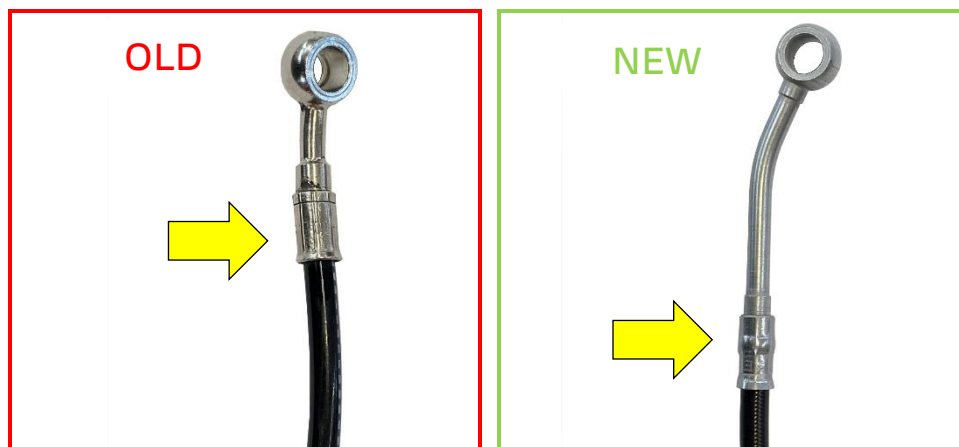
Part 4: Rear Brake Hose Installation - ABS unit to Rear Brake Caliper

1. Take the new brake hose connecting the ABS control unit to the rear brake caliper.



NOTES

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





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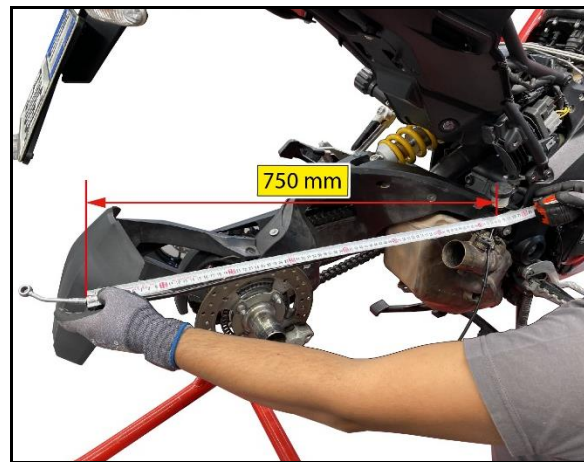
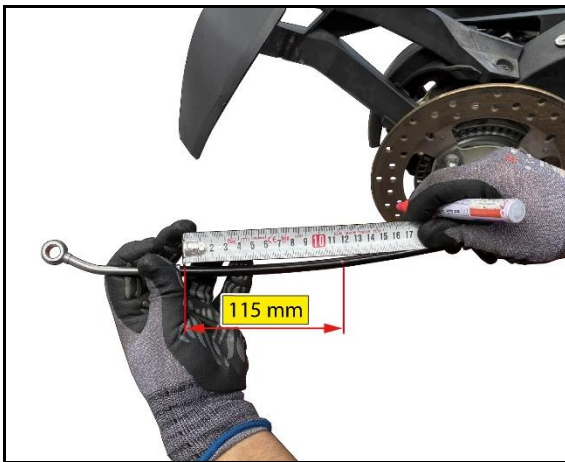
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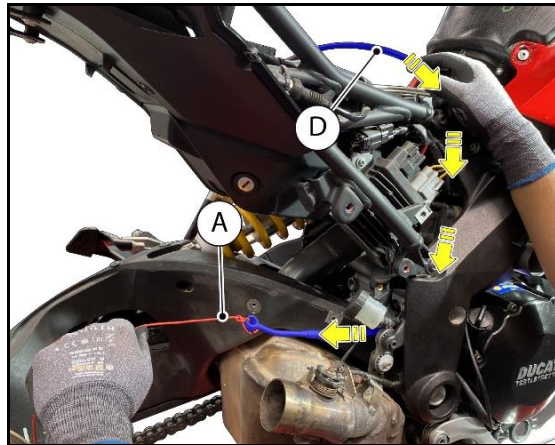
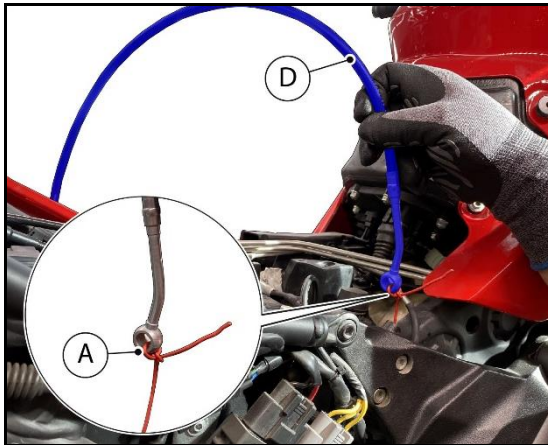
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2. Using a felt-tip pen, mark the brake hose connecting the ABS control unit to the rear brake caliper from the chamfer end to the following positions:

- 115 mm and 750 mm for MTS 1200 Model Year 2010 - 2012
- 105 mm and 740 mm for MTS 1200 Model Year 2013 - 2014



3. Tie the **string (A)** to the eyelet of the **hose (D)** of ABS/rear brake caliper to facilitate the operation of hose installation.





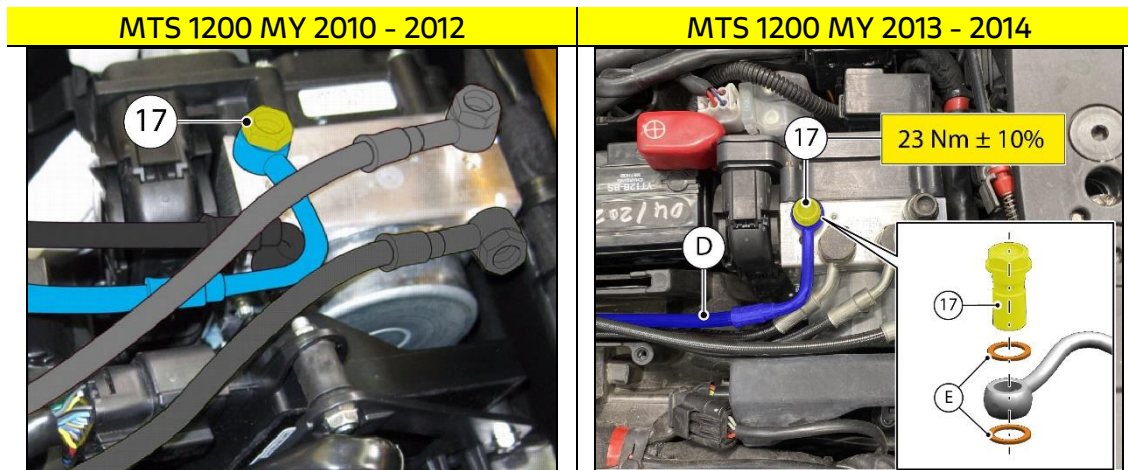
CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

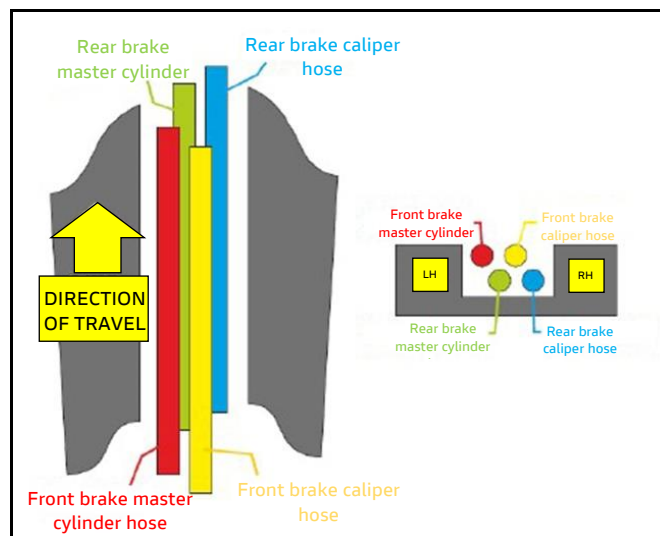
Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

Technical Service Bulletin SRV-TSB-23-001

4. Position **2** new copper washers (**E**) and tighten **special screw M10x1 (17)** to a torque of **23 Nm ± 10%**.



5. Position the brake hose connecting the ABS control unit to the rear brake caliper in the channel as shown in the image below.





CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

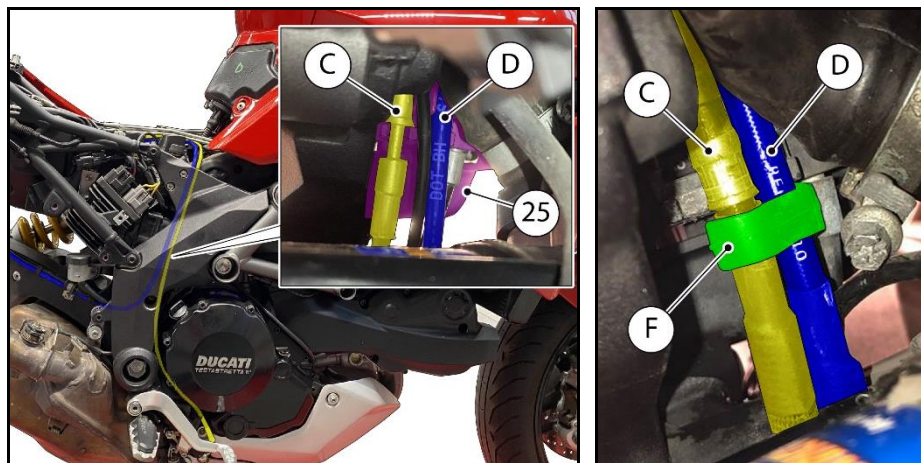
Technical Service Bulletin SRV-TSB-23-001

6. Position the brake **hose (D)** connecting the ABS control unit to the rear brake caliper in the **heat guard (25)** for the exhaust butterfly motor.

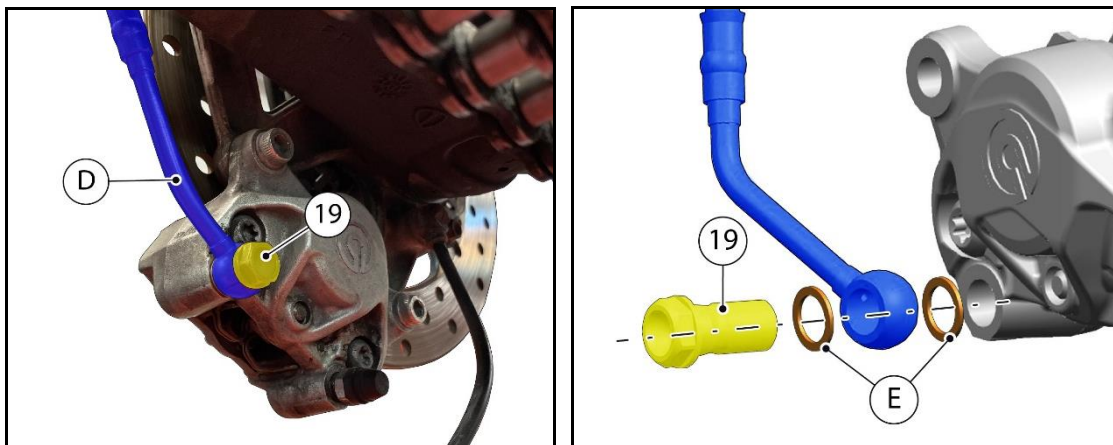


WARNING

For **MTS 1200 MY 2010 - 2012** only, insert the **fairlead (F)** Part no. **75840611A** as shown.



7. Position **2 new copper washers (E)** and tighten **special screw M10x1 (19)** to a torque of **23 Nm $\pm$ 10%**.





CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

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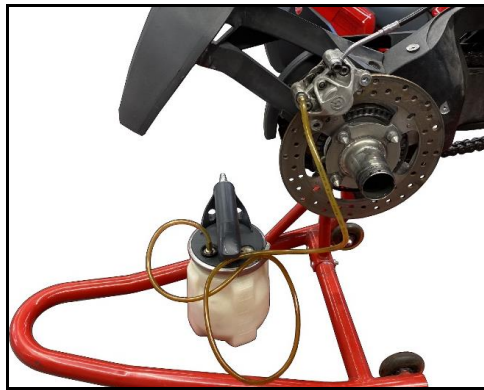
Part 5: Rear brake system filling and bleeding

1. Proceed with the DOT 4 fluid filling inside the rear brake system and bleed the system (See Sec.04: "Maintenance Operations - Replacing rear brake system fluid").



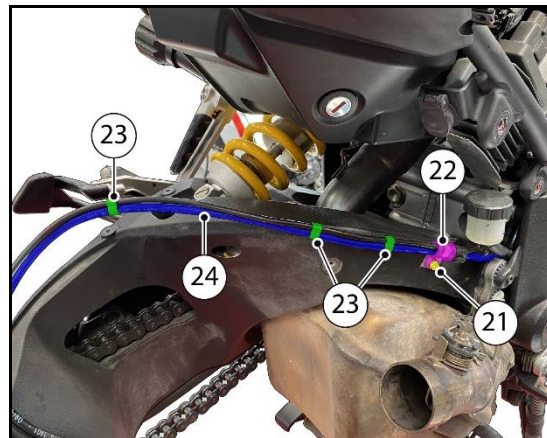
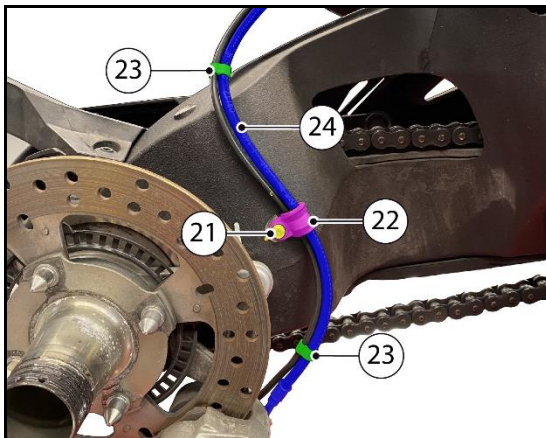
WARNING

Brake fluid can damage the paint or parts of the motorcycle. Wash the affected area with plenty of water in case of accidental contact. Damage to motorcycle finishes and components due to brake fluid contact during repairs is not warrantable and is the responsibility of the dealer to remedy



Part 6: Vehicle refitting

1. Position the **hose grommets (22)** on the marks previously made and tighten the **2 screws M6x16 (21)** to a torque of **8 Nm $\pm$ 10%**. Position the **fast points (23)** on the marks made during removal.





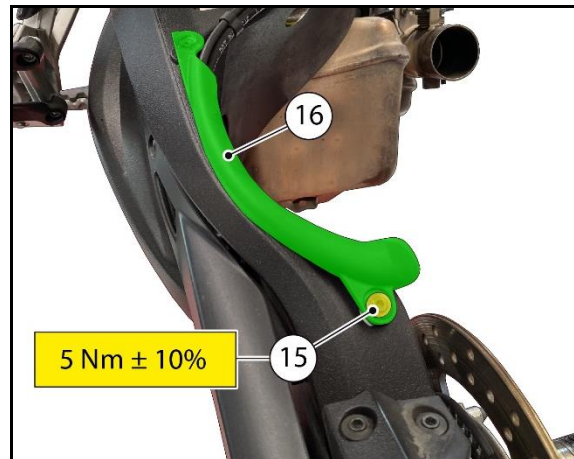
CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

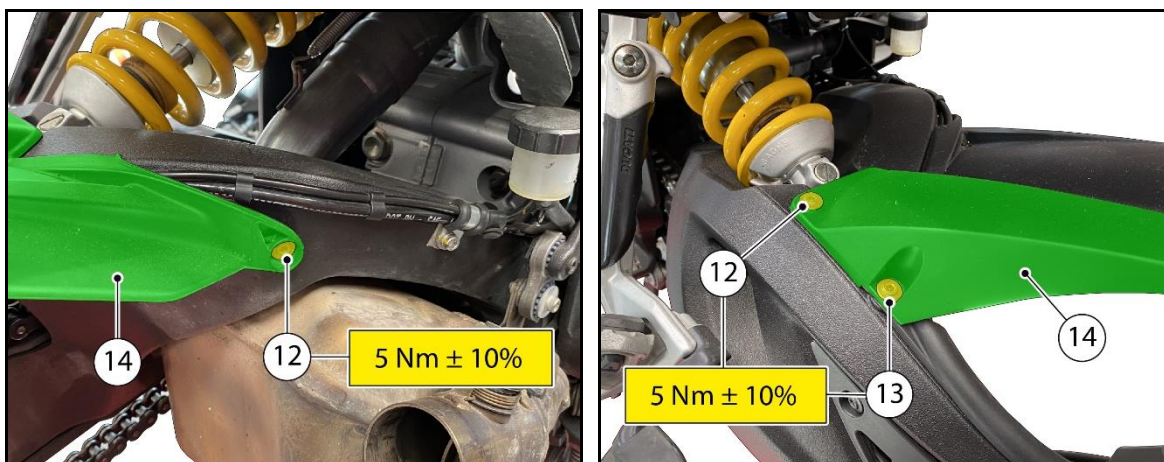
Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

Technical Service Bulletin SRV-TSB-23-001

2. Position the **hose grommet (16)** and tighten the **screw M8x8.5 (15)** to a torque of **5 Nm ± 10%**.



3. Position the **rear mudguard (14)** and tighten the **2 screws M8x8.5 (12)** and the screw **M8x8.5 (13)** to a torque of **5 Nm ± 10%**.



4. Refit the rear wheel (See Sec.07: "Chassis - Rear wheel" of the Workshop Manual).



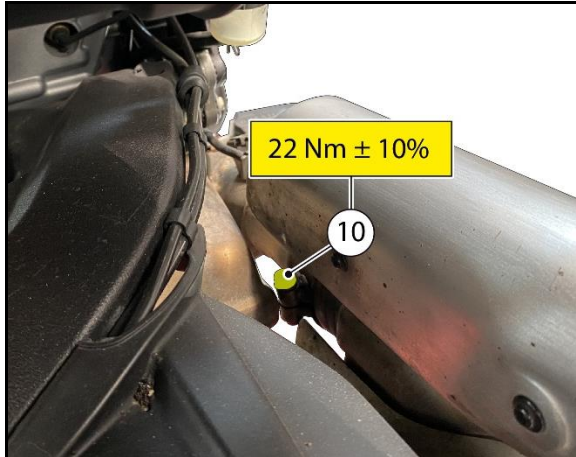
CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

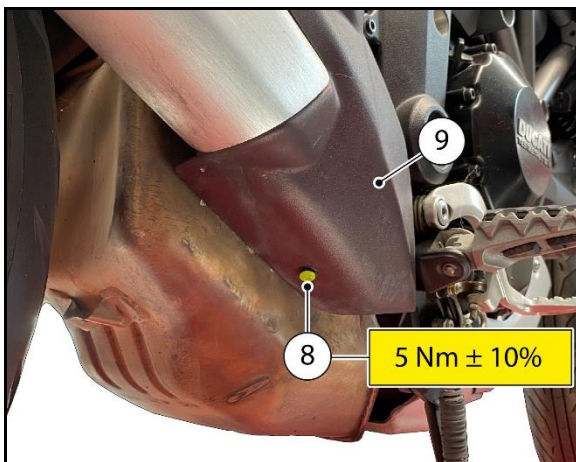
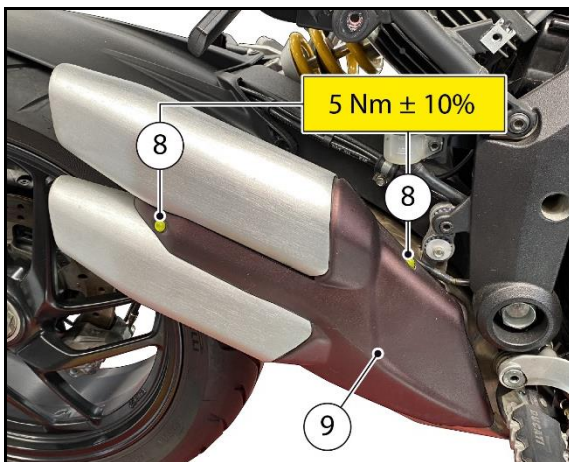
Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

Technical Service Bulletin SRV-TSB-23-001

5. Position the **silencer (11)** and tighten the **screw M8x25 (10)** to a torque of **22 Nm ± 10%**.



6. Position the silencer **protection (9)** and tighten the **3 screws M5x12 (8)** to a torque of **5 Nm ± 10%**.





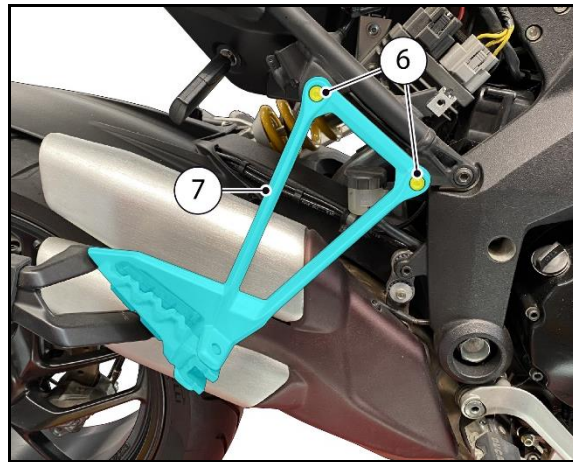
CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

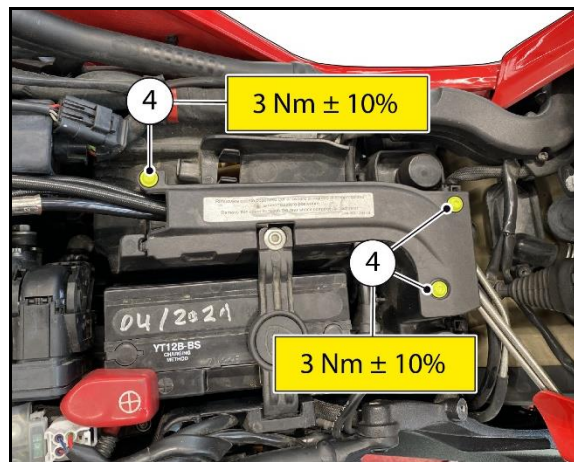
Multistrada 1200 Model Year 2013-2014 (USA all versions with ABS)

Technical Service Bulletin SRV-TSB-23-001

7. Position the RH footpeg holder **plate (7)** and tighten the **2 screws M8x25 (6)** to a torque of **24 Nm $\pm$ 10%**.



8. Insert the **ABS hose cover (5)** and tighten the **3 screws M5x16 (4)** to a torque of **3 Nm $\pm$ 10%**.





CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

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9. Position the right-side body panel in place.

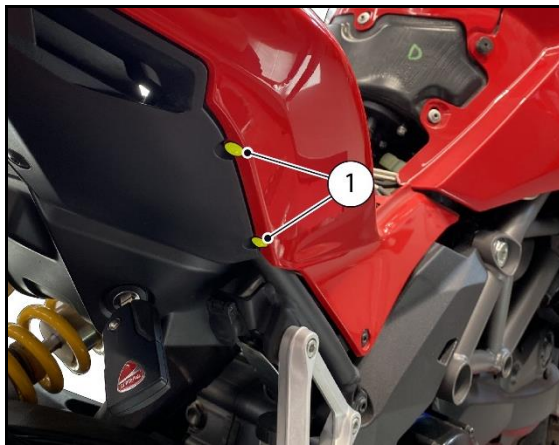
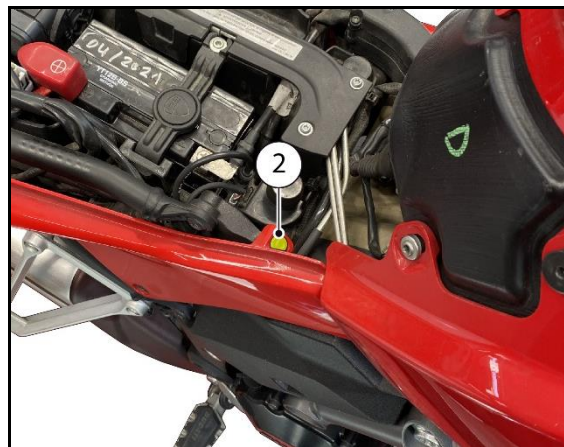
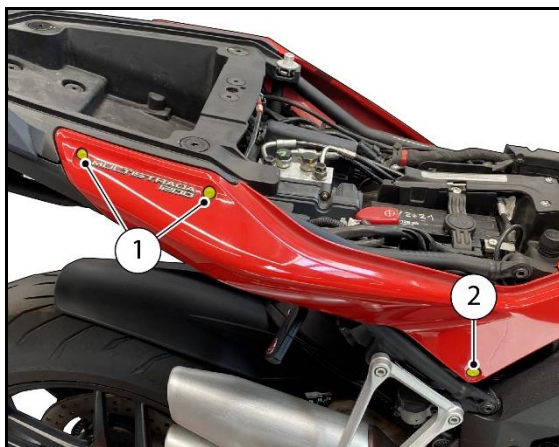


NOTE

Position the **6 nylon washers (3)**.

10. Tighten the **2 screws M5x8.5 (2)** to a torque of **4 Nm $\pm$ 10%**.

11. Tighten the **4 screws M5x12 (1)** to a torque of **2 Nm $\pm$ 10%**.



12. Refit the seat (See Sec.05 "Fairing installation - Seat-tail guard and side body panels" of the Workshop Manual).



CR242 - Rear Brake Hoses Check and Replace if required

Multistrada 1200 Model Year 2010-2012 (USA all versions with ABS)

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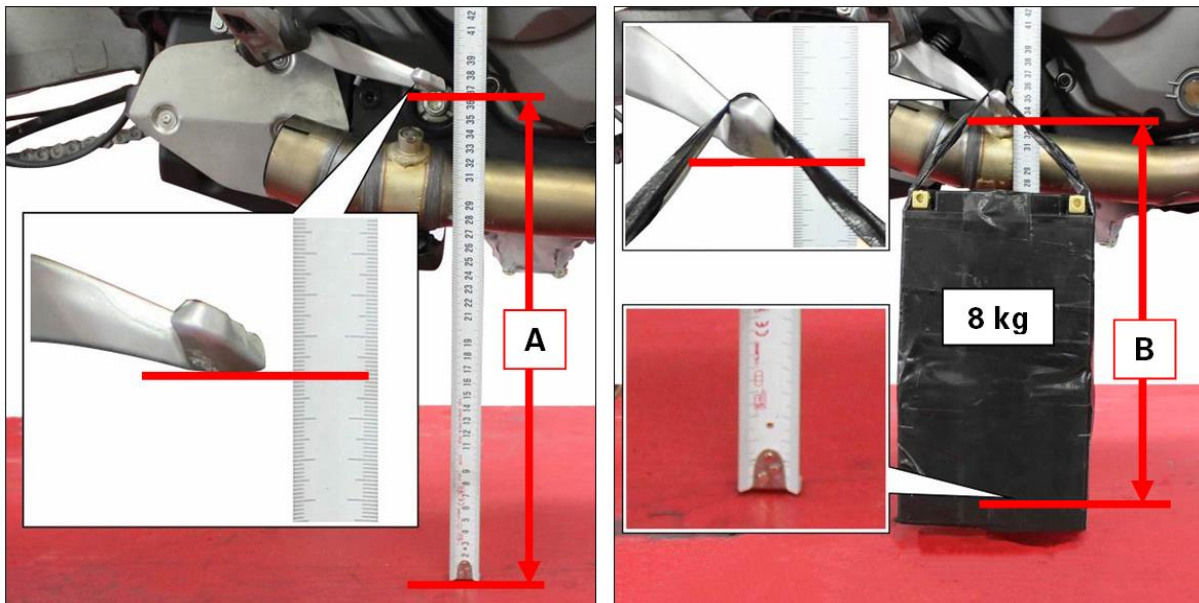
Part 7: Rear brake pedal travel check



NOTE

The figures shown for the following procedure are for illustration purposes only.

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



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

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

4. Road test the vehicle 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.**



CR242 - Rear Brake Hoses Check and Replace if required

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5. Measure again the rear brake lever stroke as referred to under section (1) and (2).



WARNING

The second measurement of the rear brake lever stroke 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.

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

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

7. 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.

8. Remove the motorcycle from the rear paddock stand.
9. Perform a soft cleaning of the motorcycle before delivering it to the Client.

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