

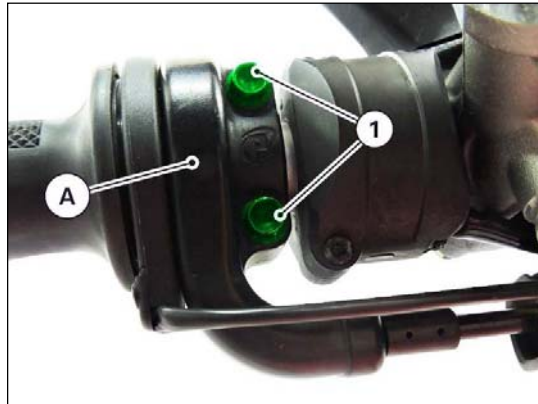


Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

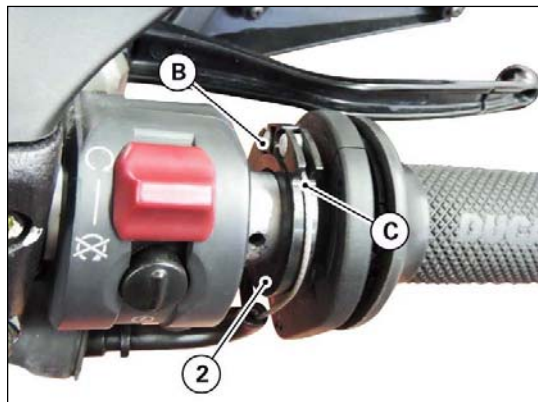
**Instructions for Throttle Control Opening and Closing Cable Assembly Replacement**

To carry out this operation, proceed as follows:

- 1) Remove the seat (See "Section 05 - Fairing" of the Workshop Manual).
- 2) Remove the panel (See "Section 05 - Fairing" of the Workshop Manual).
- 3) Remove the front half fairing (See "Section 05 - Fairing" of the Workshop Manual).
- 4) Remove the fuel tank fairings (See "Section 05 - Fairing" of the Workshop Manual).
- 5) Remove the fuel tank (See "Section 08 - Supply/exhaust system" of the Workshop Manual).
- 6) Remove the **2 screws (1)** securing throttle control **front cover (A)**, and remove both covers.



- 7) Remove **opening (B) and closing (C) Bowden cables** from **pulley (2)**, and slide them out.





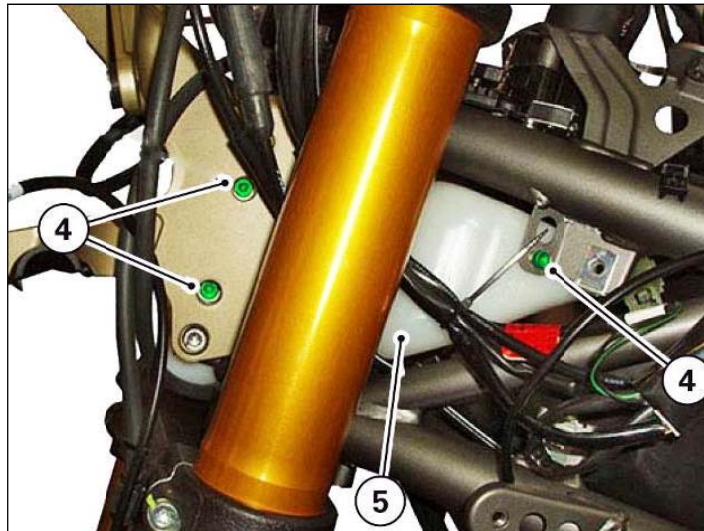
Instructions for Throttle Cable Assembly Replacement  
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- 8) Remove the **3 screws (4)** securing **water reservoir (5)**.

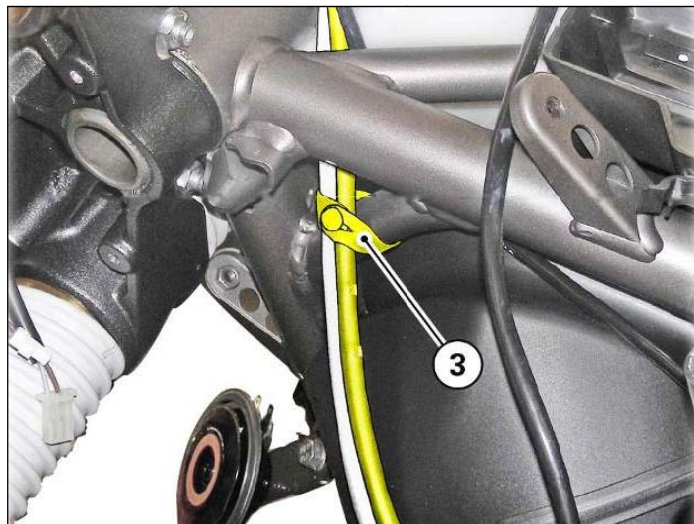


**NOTE**

Water reservoir does not have to be removed, it must just have enough clearance to allow throttle control cable passage.



- 9) Remove the **button tie (3)** L=82 mm securing throttle cables to frame, then slide out cables.

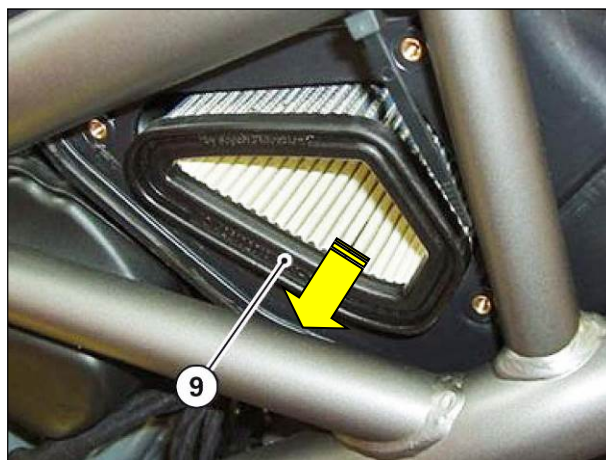
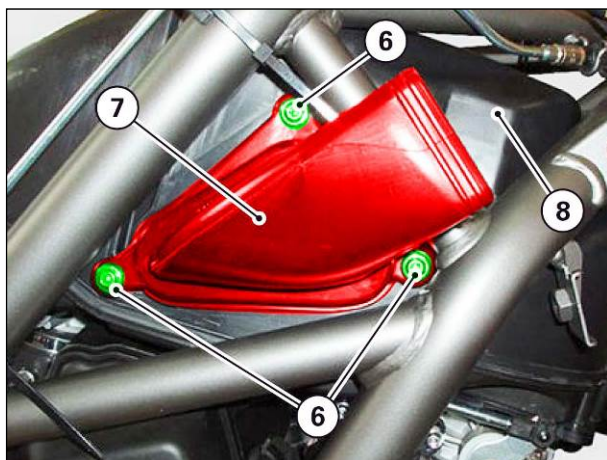




## Instructions for Throttle Cable Assembly Replacement Attachment: Recall Bulletin RCL-15-001

10) Remove the **3 screws (6)** fastening **air conveyor (7)** to **air box (8)**.

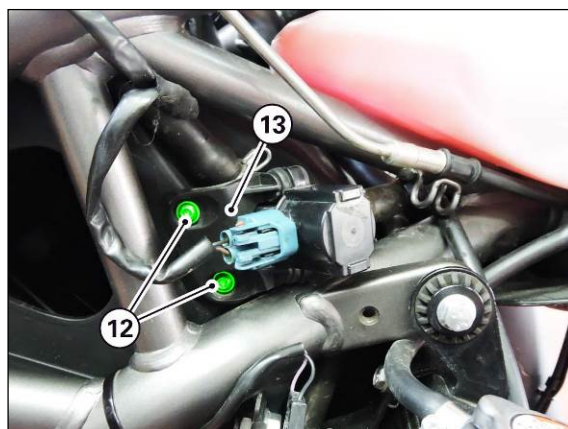
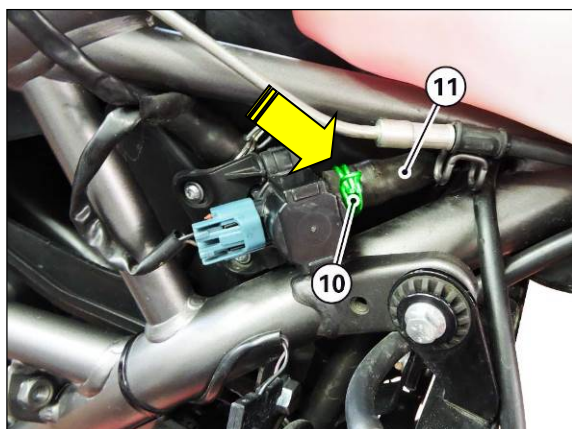
Remove the **air filter (9)**.



### **WARNING**

When working on Multistrada 1200 MY13-14, the secondary air system actuator has to be removed as well, as follows:

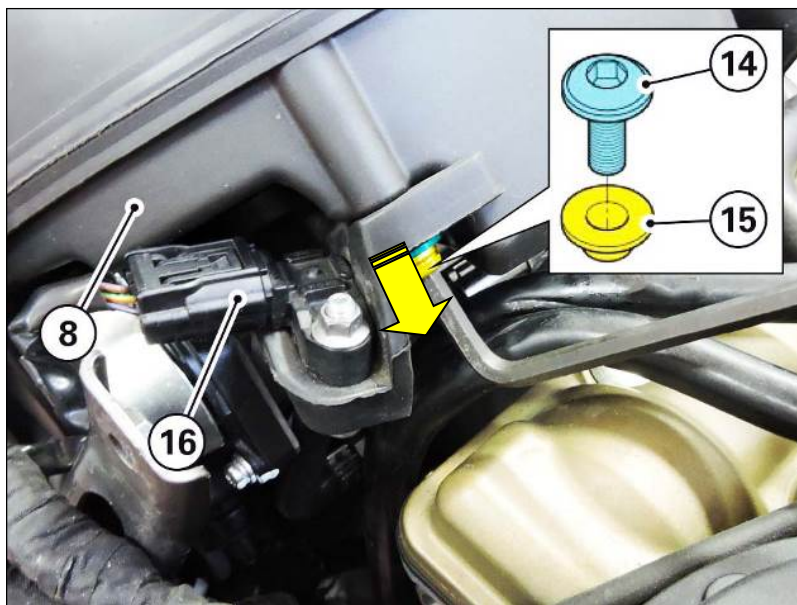
- Remove **tie (10)** securing **air pipe (11)** to air box (8), and slide it out.
- Remove the **2 screws (12)** securing **support (13)**.



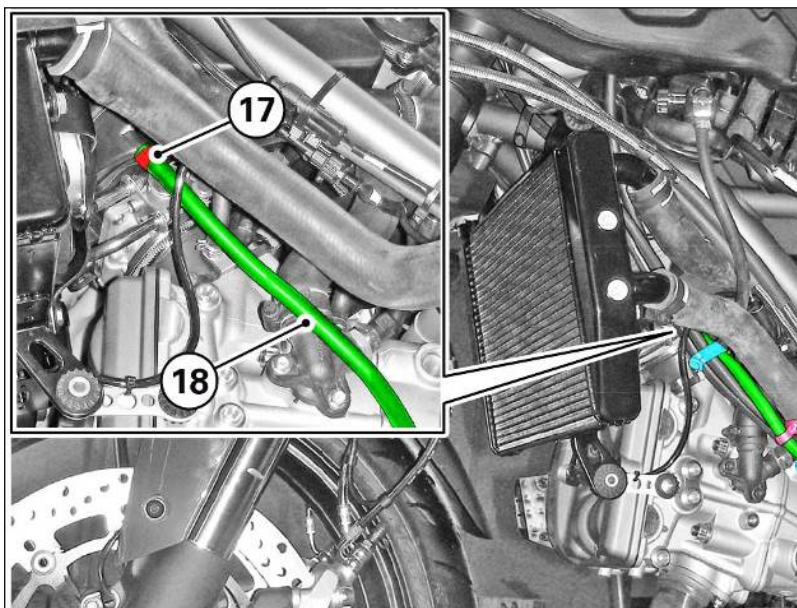


Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

- 11) Working on vehicle left-hand side, remove **screw (14)** with **bushing (15)** securing vertical head air pressure **sensor (16)** (vertical MAP Sensor) to **air box (8)**, and slide out the whole assy;



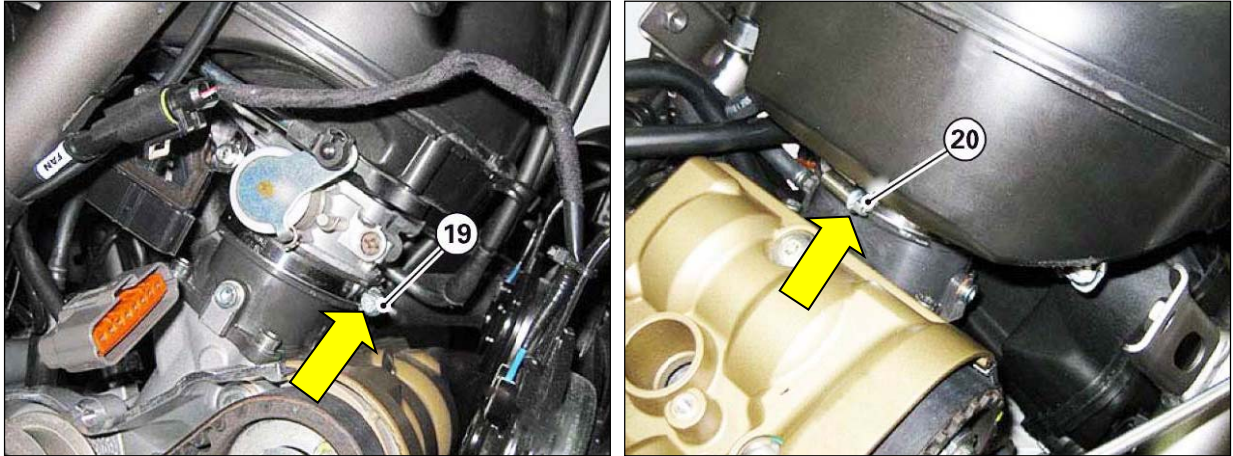
- 12) Remove **click clamp (17)** fastening air box (8) **drain pipe (18)**, and slide it out.





Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

13) Loosen *tie (19)* on horizontal intake manifold and *tie (20)* on vertical intake manifold.



14) Disconnect throttle body TPS/TEV motor *connector (21)* on vehicle left-hand side.



**NOTE**

To make this operation easier, slightly lift the air box.





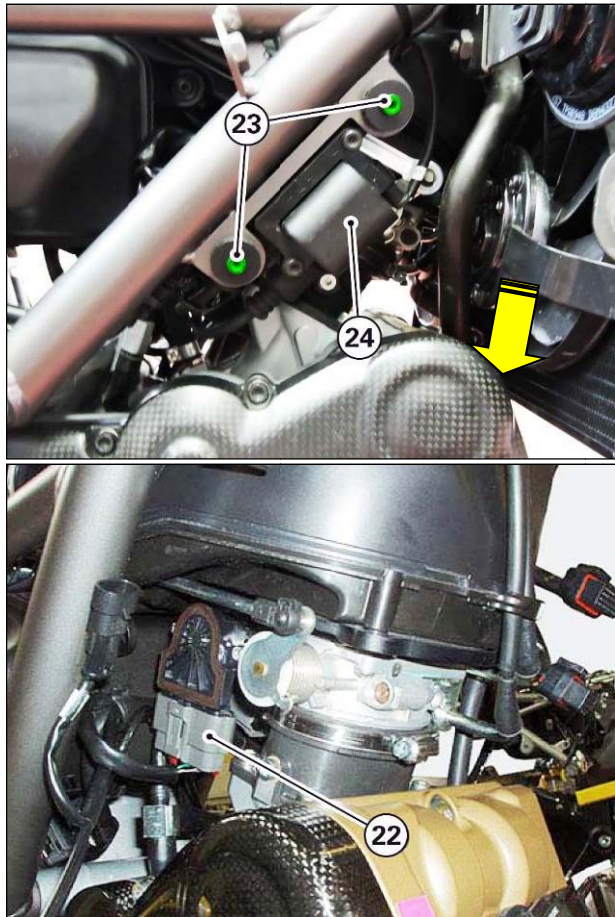
Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

15) Disconnect throttle body APS sensor *connector (22)* on vehicle right-hand side.



**NOTE**

When working on Multistrada 1200 MY13-14, to make this operation easier, remove the **2 screws (23)** fastening **horizontal cylinder coil (24)**.

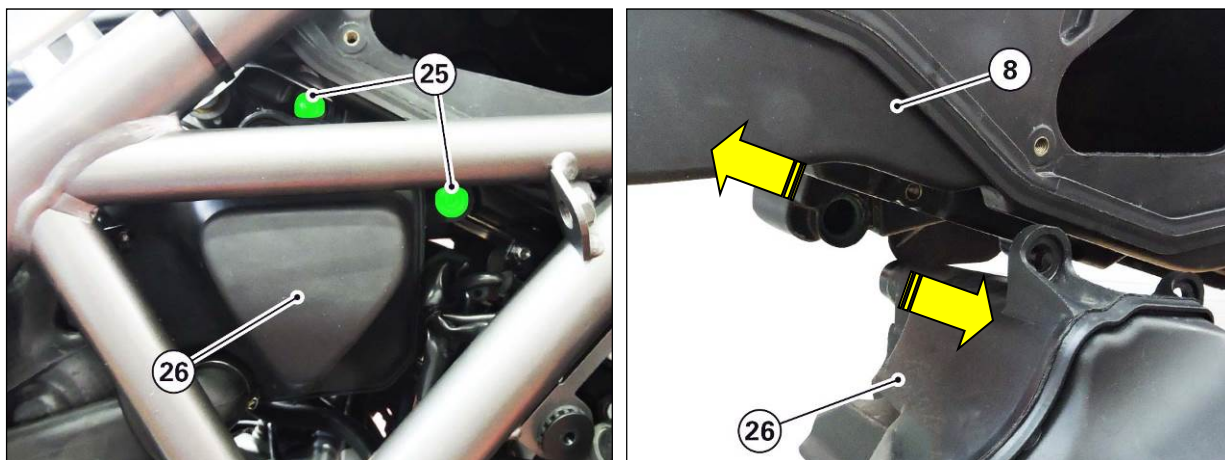




Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

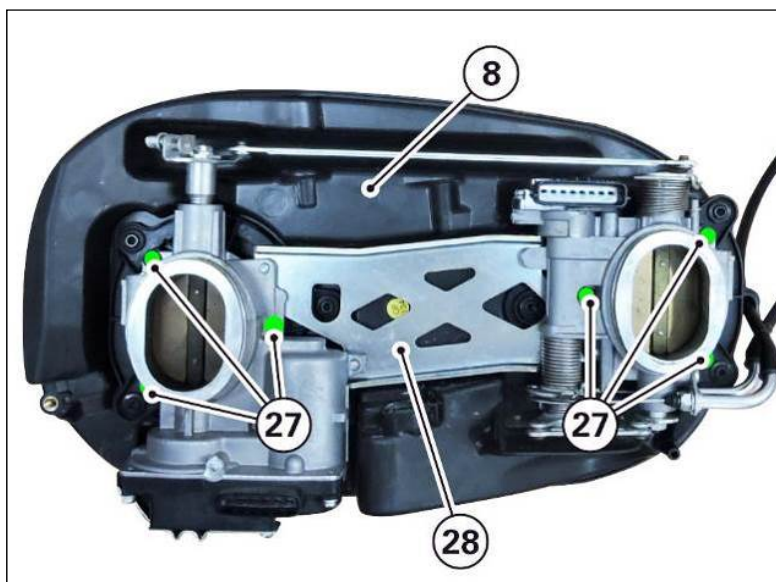
16) Remove the **2 screws (25)** fastening the **Blow-By (26)** reservoir to the air box (8).

Separate **Blow-By (26)** reservoir from **air box (8)**.



17) Remove the air box (8).

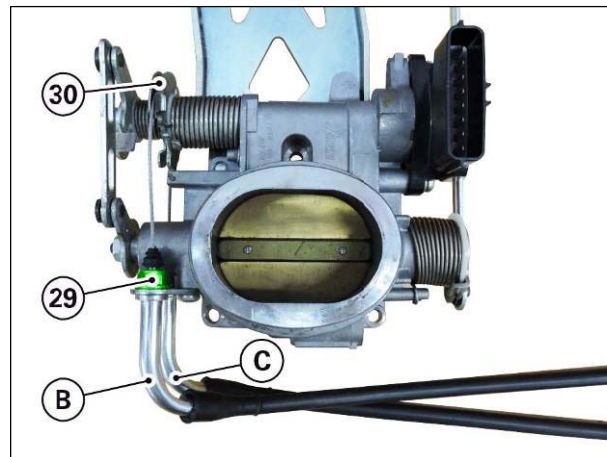
18) Remove the **6 screws (27)** fastening **throttle body (28)** to **air box (8)**.





Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

- 19) Loosen **nuts (29)** and slide out throttle control **opening Bowden cable (B)** and **closing Bowden cable (C)** by turning **pulley (30)**.





- 20) Take the new throttle cables.



**NOTE**

Throttle cables can be recognized by the colour of the wording present on them:

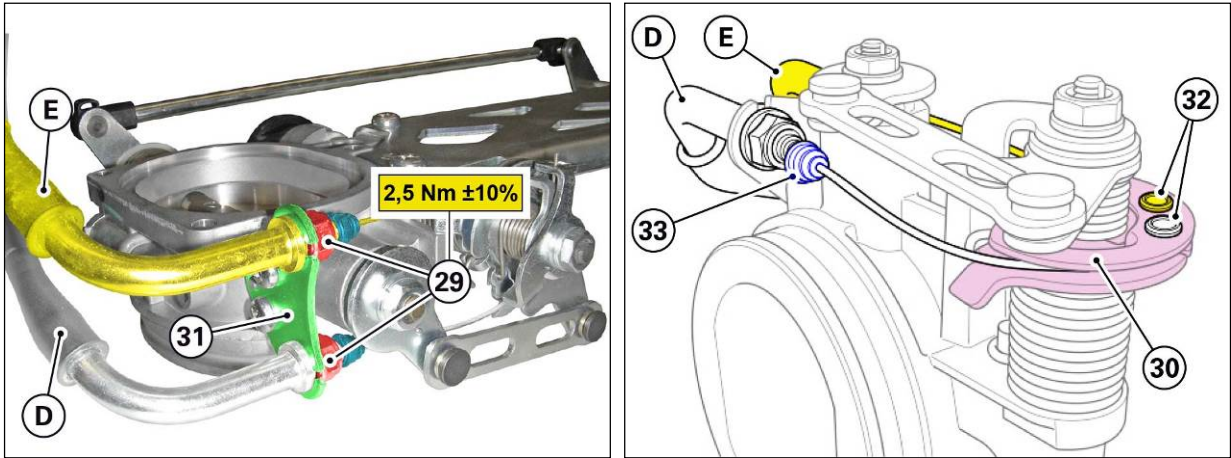
White wording for opening cable	Yellow wording for closing cable
	

- 21) Insert the **opening Bowden cable (D)** and the **closing Bowden cable (E)** inside their seats on throttle body (28) **plate (31)**.
- 22) Insert **barrels (32)** of **opening Bowden cable (D)** and **closing Bowden cable (E)** inside their seats on **pulley (30)**.



Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

23) Tighten **nuts (29)** to a torque of  **$2.5 \text{ Nm} \pm 10\%$**  and position **dust seals (33)** on throttle cable sheath ends.

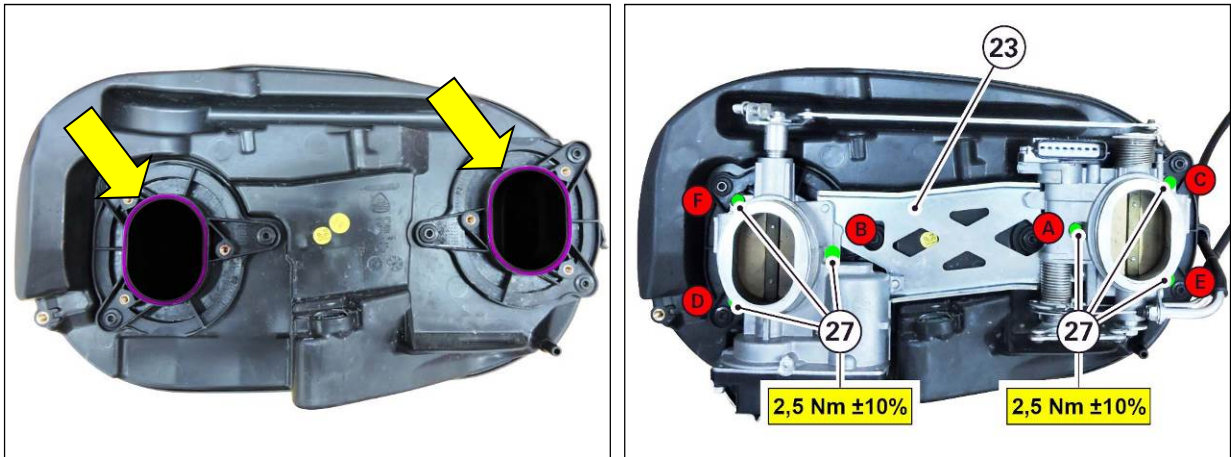


24) Tighten the **6 screws (27)** securing **throttle body (23)** to air box intake funnels (8) to a torque of  **$2.5 \text{ Nm} \pm 10\%$  with LOCTITE 243** following the sequence A - B - C - D - E - F.



**WARNING**

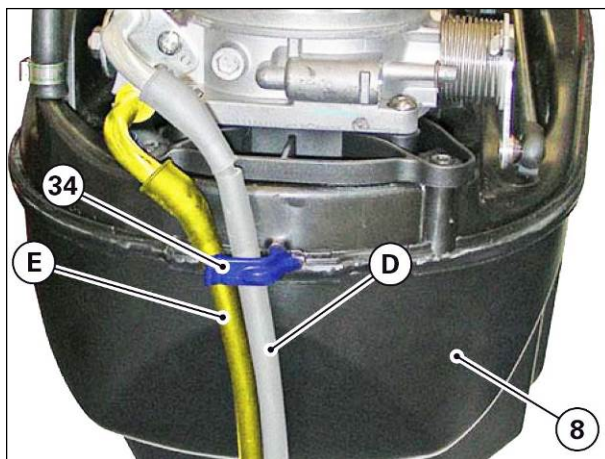
Make sure that the O-rings present on air box funnels are correctly positioned.



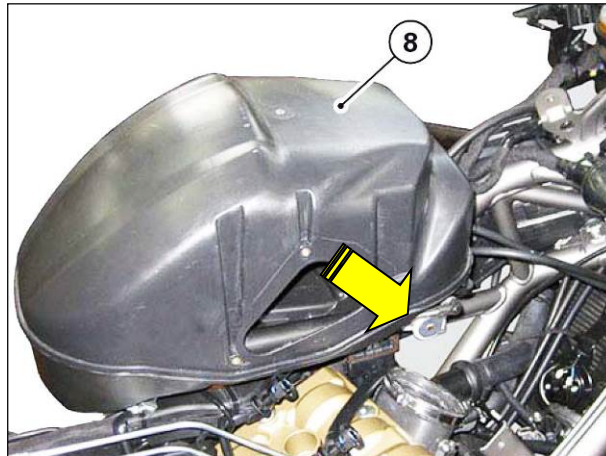
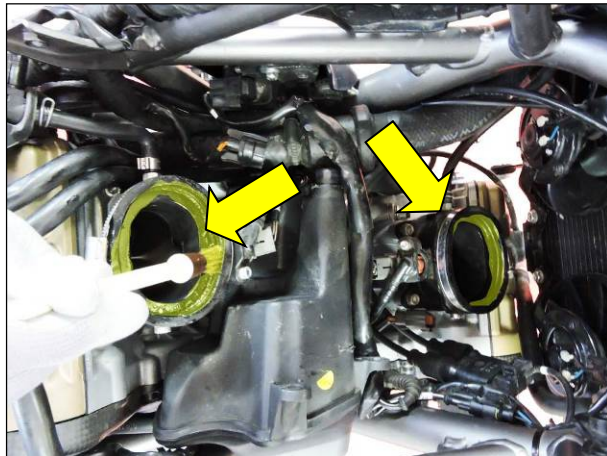


Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

- 25) Insert throttle control *opening Bowden cable (D)* and *closing Bowden cable (E)* inside the  *cable ring (34)* present on *air box (8)*.



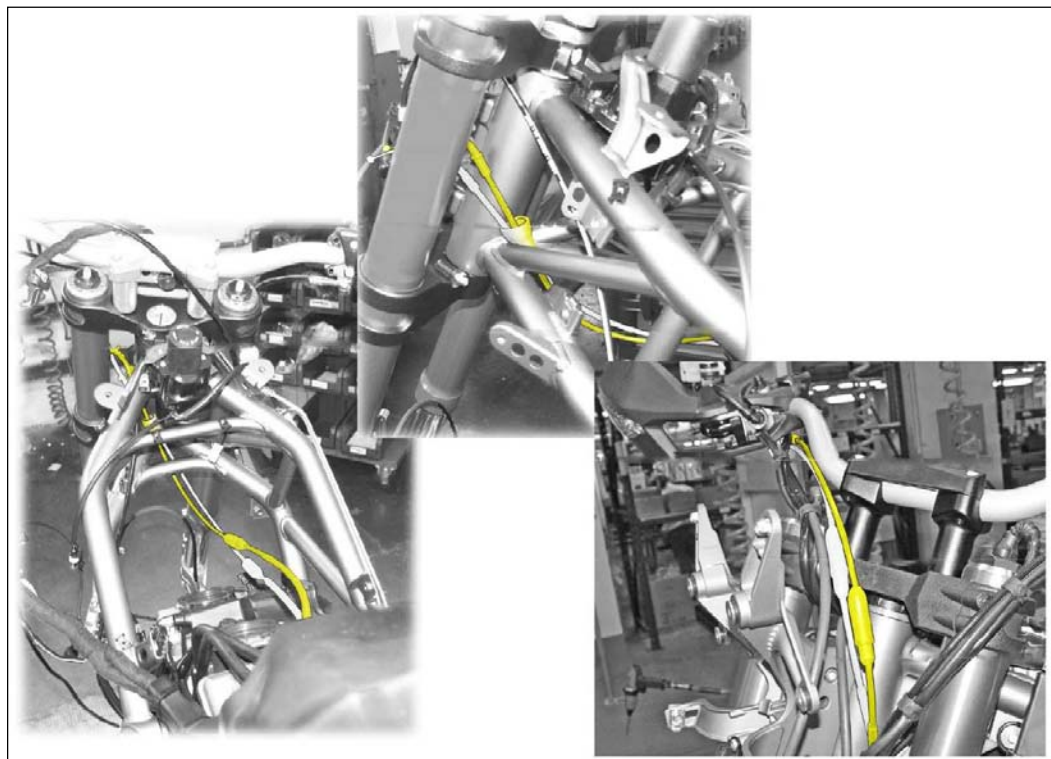
- 26) To make *air box (8)* fitting easier, spread some soapy water on intake manifolds.



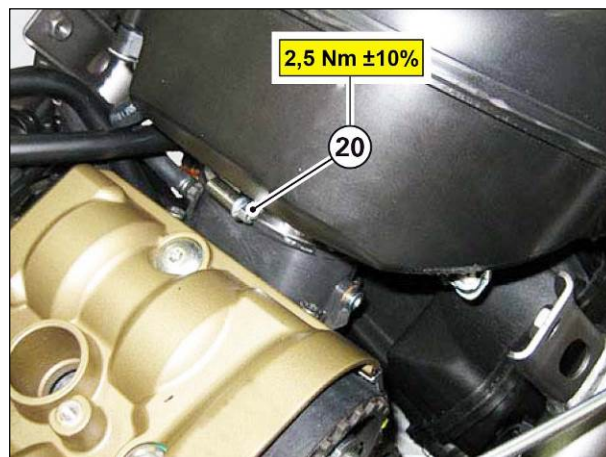
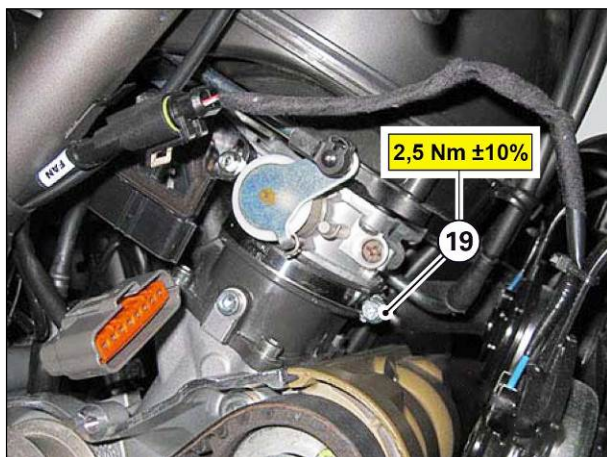


Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

27) Lay throttle cables as shown in the figure.



28) Tighten *tie (19)* on horizontal intake manifold and *tie (20)* on vertical intake manifold to a torque of **2.5 Nm ±10%**.



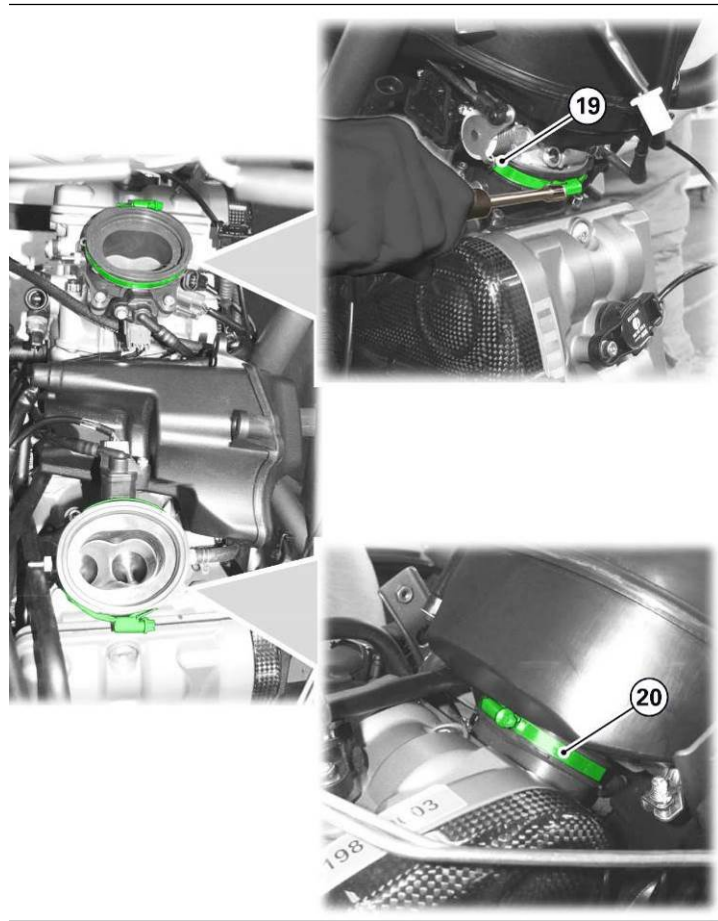


Instructions for Throttle Cable Assembly Replacement  
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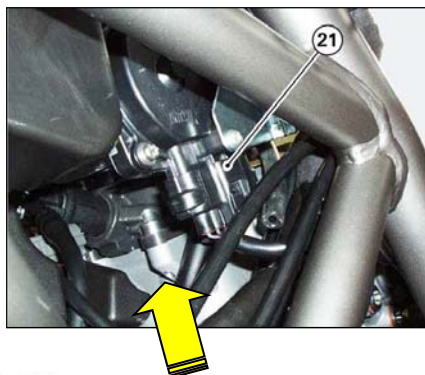


**WARNING**

Make sure that *tie (19)* and *tie (20)* are positioned as shown in the figure.



29) Connect throttle body TPS/TEV motor *connector (21)* on vehicle left-hand side.





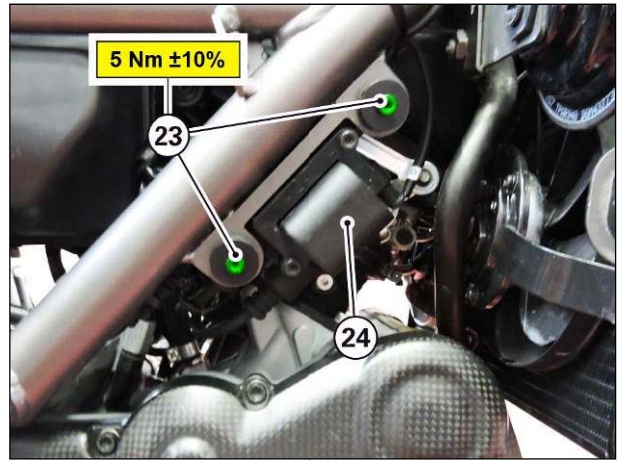
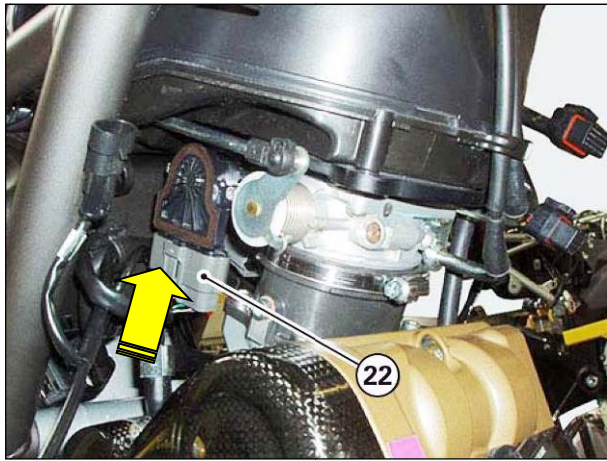
Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

30) Connect throttle body TPS/TEV motor **connector (22)** on vehicle left-hand side.

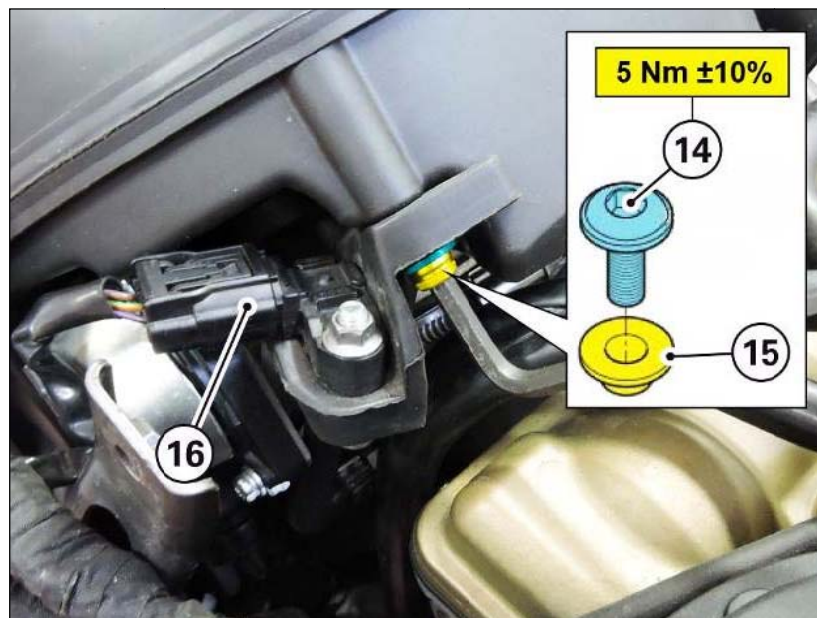


**NOTE**

When working on Multistrada 1200 MY13-14, tighten the **2 screws (23)** fastening horizontal cylinder **coil (24)** to a torque of **5 Nm  $\pm$ 10%**.



31) Tighten **screw (14)** and **bushing (15)** fastening vertical head pressure **sensor (16)** (vertical MAP Sensor) to a torque of **5 Nm  $\pm$ 10%**;





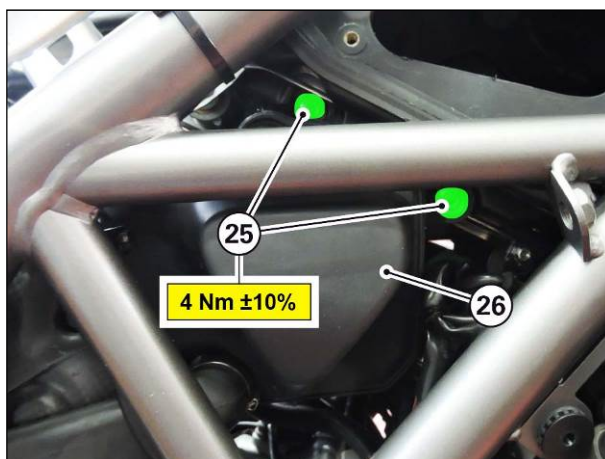
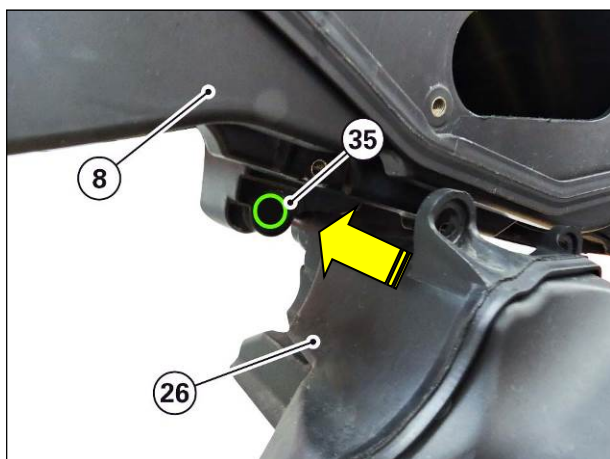
Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

32) Tighten the **2 screws (25)** fastening the **Blow-By (26)** reservoir to a torque of **4 Nm ±10%**.



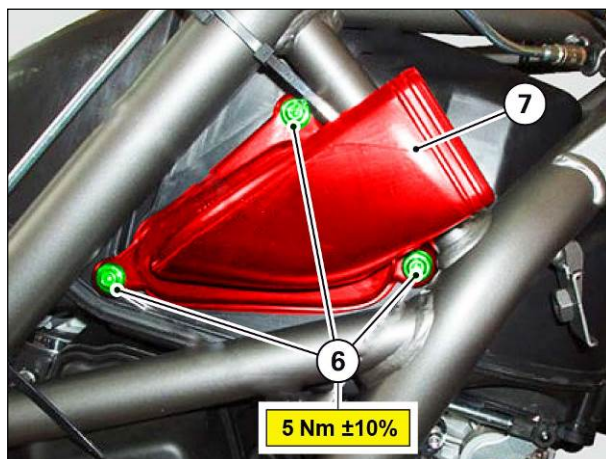
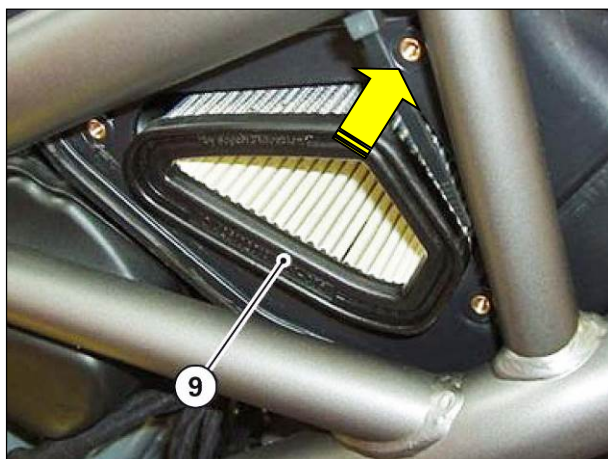
**WARNING**

**Make sure that the O-ring (35) is duly seated inside the air box (8), and fit Blow-By reservoir (26) to air box!**



33) Insert **air filter (9)** inside air box (8).

Tighten the **3 screws (6)** fastening the **air conveyor (7)** to a torque of **5 Nm ±10%**.





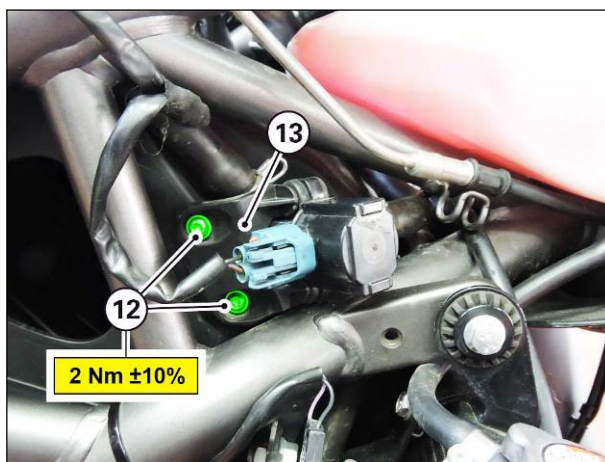
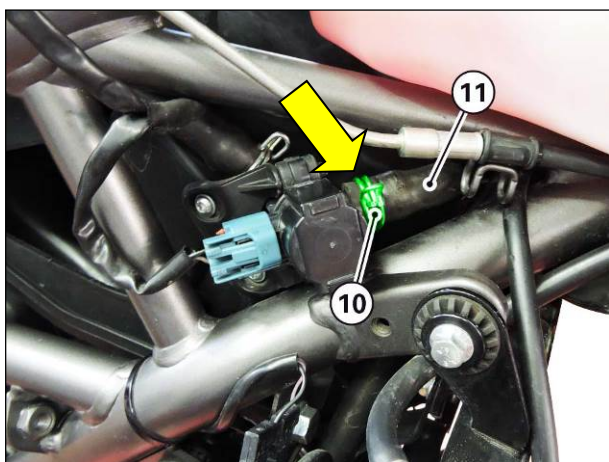
Instructions for Throttle Cable Assembly Replacement  
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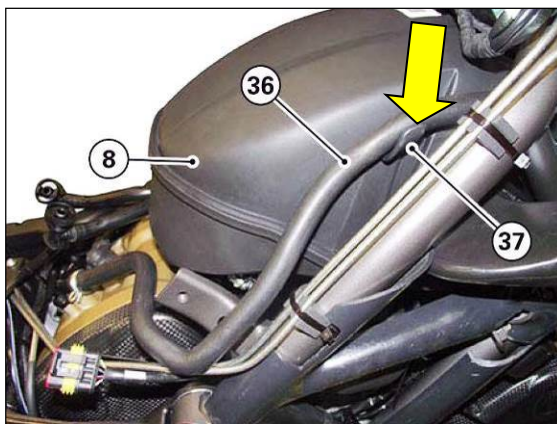
**WARNING**

When working on Multistrada 1200 MY13-14, the secondary air system actuator has to be refitted, as follows:

- a) Fit *air pipe (11)* with *tie (10)*.
- b) Tighten the *2 screws (12)* to a torque of ***2 Nm ±10%***.



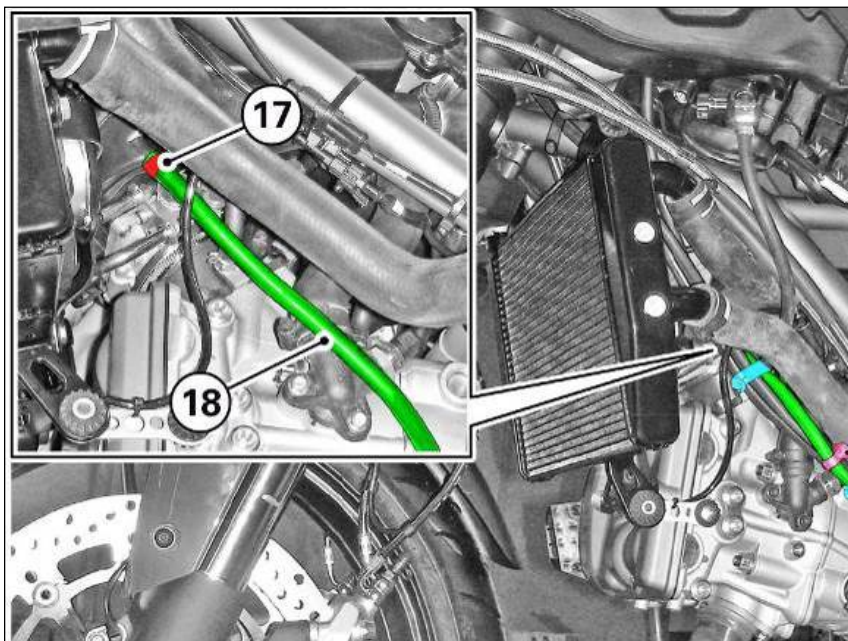
- c) Let *vertical head pipe (36)* pass inside *hose grommet (37)* on *air box (8)* right-hand side.



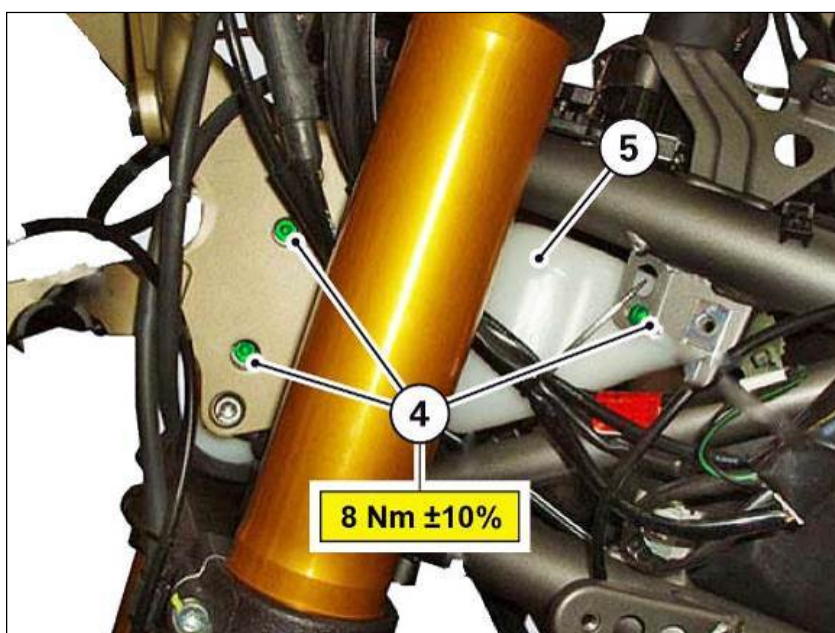


Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

34) Refit *drain pipe (18)* to air box (8) using *click clamp (17)*.



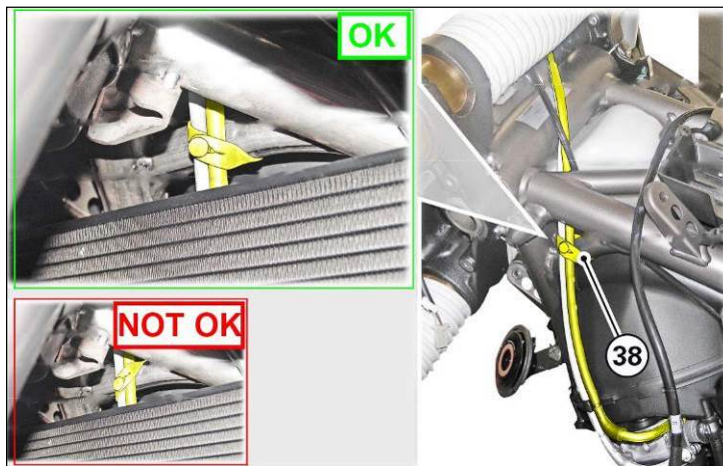
35) Tighten the *3 screws (4)* fastening the *water reservoir (5)* to a torque of **8 Nm ±10%**.





Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001

36) Fit the **button tie (38)** L=82 mm securing throttle cables to frame.

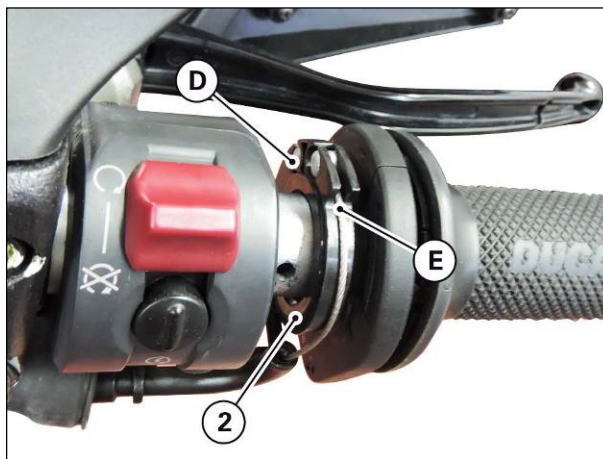


37) Fit throttle control **front opening Bowden cable (D)** and **rear closing Bowden cable (E)** barrels inside **pulley (2)**.



**WARNING**

**Do NOT lubricate the throttle control Bowden cables.**







38) Fit throttle control rear cap.



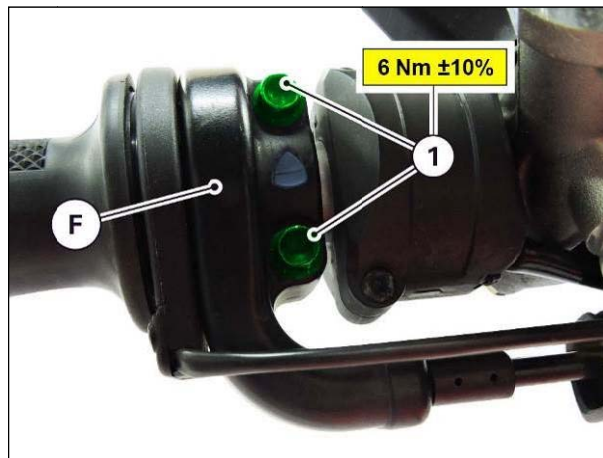
# Instructions for Throttle Cable Assembly Replacement Attachment: Recall Bulletin RCL-15-001

39) Take the NEW throttle control front cap.

Remember that there are two ways to distinguish the new half-case:

		NEW	OLD
INSIDE	Different geometry of the cable guide		
OUTSIDE	Presence of the Ducati shield		

40) Install the **new front half-case (E)** and tighten the **2 retaining screws (1)** to a torque of **6 Nm ± 10%**.



### WARNING

**Adjust throttle control cable so that handgrip has a free rotation of 1.5 mm to 2.0 mm, measured along its edge.**

Throttle control opening **adjuster (38)** and closing **adjuster (39)** are positioned on steering tube left-hand side.

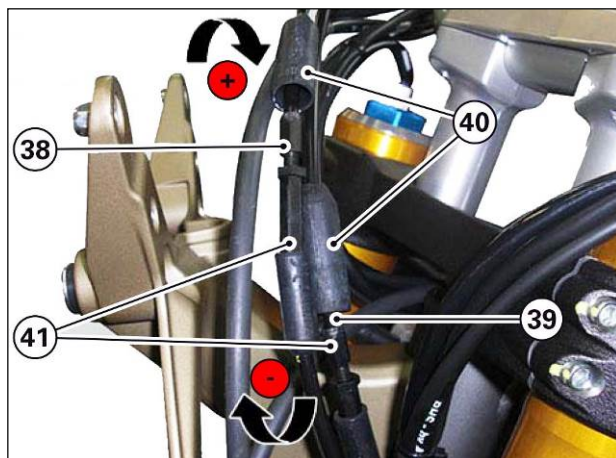
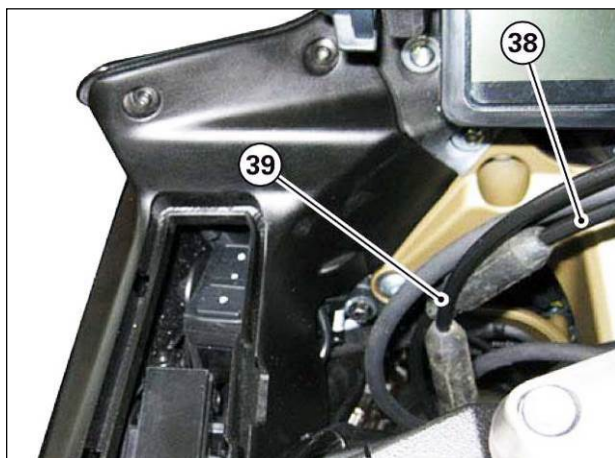


## Instructions for Throttle Cable Assembly Replacement Attachment: Recall Bulletin RCL-15-001

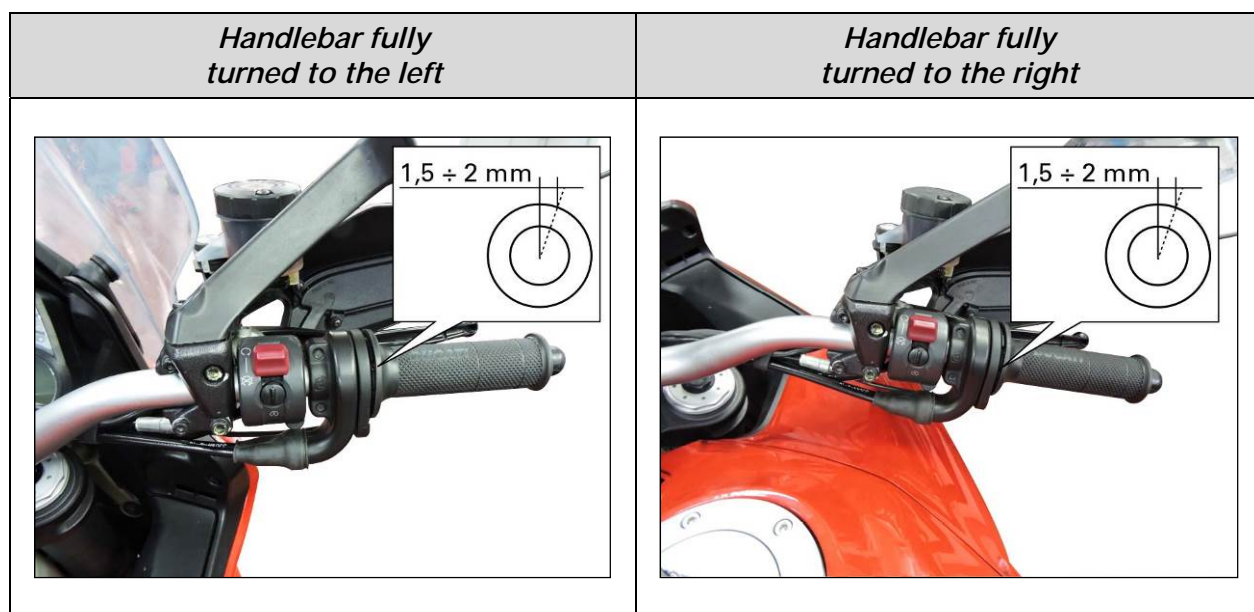
Slip the **rubber gaiters (40)** off the adjusters and loosen **check nuts (41)**.

Adjust both adjusters by the same amount:

- turn clockwise to increase free play;
- turn counter clockwise to reduce free play.



Repeat the measurement with the handlebar fully turned to the left and to the right:



When finished, tighten the check nuts and refit the rubber gaiters (36) to the adjusters.



Instructions for Throttle Cable Assembly Replacement  
Attachment: Recall Bulletin RCL-15-001



**WARNING**

**Check the correct operation of the throttle control by completely opening and closing the throttle.**

**Make sure that throttle control closing is fully free and without hard spots.**

- 41) Fit the fuel tank (See "Section 08 - Supply/exhaust system" of the Workshop Manual).
- 42) Fit the fuel tank fairings (See "Section 05 - Fairing" of the Workshop Manual).
- 43) Fit the front half fairing (See "Section 05 - Fairing" of the Workshop Manual).
- 44) Fit the panel (See "Section 05 - Fairing" of the Workshop Manual).
- 45) Fit the seat (See "Section 05 - Fairing" of the Workshop Manual).