



Model Year 2016 Monster1200R Introduction
Models: 2016 Monster1200R (all versions and countries)
Service Bulletin SRV-SRB-16-002

Date: February 5, 2016
To: Dealer Principal, General Manager, Service Manager, and Service Technician
From: Richard Kenton, Technical Director; Jonathan LaForte, Technical Manager

Dear Ducati Dealer,

Ducati is pleased to provide further details regarding service strategy for the Model Year 2016 Monster1200R; which will complete the information that you've already received, or that you will receive, during the technical courses at our training centers.

This document contains important information to:

- prepare vehicle for riding;
- provide information to Customer when delivering bike;
- properly maintain the vehicle with correct instructions.

Please be reminded that during the first 6 months (until 7/31/2016) any and all faults found on the motorcycle must be communicated through **YouTech**, including a detailed description and picture(s). Warranty claim approval is dependent upon these reports (this process does not apply to service under Campaigns, Technical Bulletins or Tips & Tricks).

Here follows a recap of the status of all Service operations associated with this model:

Technical Training	In progress
Spare parts catalogue	Already available on DCS
Workshop manual	Available in February on DCS
DDS Diagnosis 2.0	Already available for download (update 6.0.2)
Maintenance Plan and Pre-delivery inspection	Attached to this Technical Bulletin
Flat rate tables	Available in February on DCS
Owner's manual	Already available on Ducati.com website under section Dealers/Service/Maintenance



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• **Versions**

VERSION	STANDARD EQUIPMENT									
MONSTER 1200 R 	• EURO 4 • 2-1-2 light alloy exhaust system • Fully adjustable Öhlins rear shock absorber • Öhlins steering damper • Fully adjustable Öhlins front fork • Forged rims • Dedicated headlight fairing • Seat with dedicated graphics • Dedicated seat cover • Carbon fiber front mudguard • Color TFT instrument panel • Riding Modes • Power Modes • Full Ride by Wire • Preset for anti-theft system • Bosch - Brembo ABS 9MP braking system • Ducati Safety Pack (ABS adjustable on 3 levels + DTC) COLORS <table><tr><th>Bodywork</th><th>Frame</th><th>Rims</th></tr><tr><td>Red</td><td>Red</td><td>Black</td></tr><tr><td>Black Thrilling</td><td>Black</td><td>Black</td></tr></table>	Bodywork	Frame	Rims	Red	Red	Black	Black Thrilling	Black	Black
Bodywork	Frame	Rims								
Red	Red	Black								
Black Thrilling	Black	Black								

• **Vehicle pre-delivery**

The PDI Check-List is attached to this technical bulletin (**Ed.02/16**) and includes all operations required during the pre-delivery inspection; please print out and use this document any time you are inspecting the Monster 1200 R Model Year 2016 for PDI, deliver a copy to the final Customer and file another one together with the relevant work order.

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PRE-DELIVERY - Check List

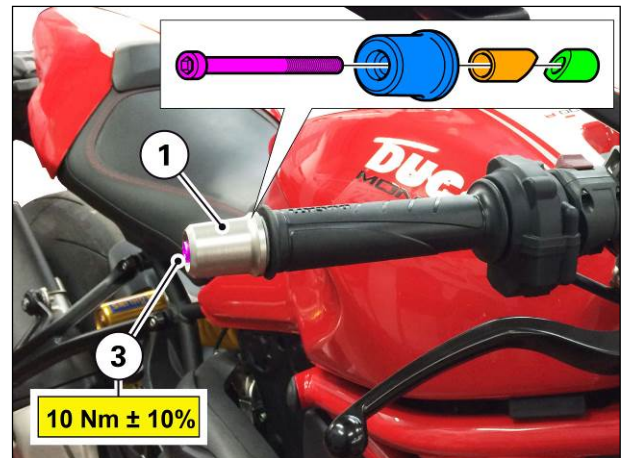
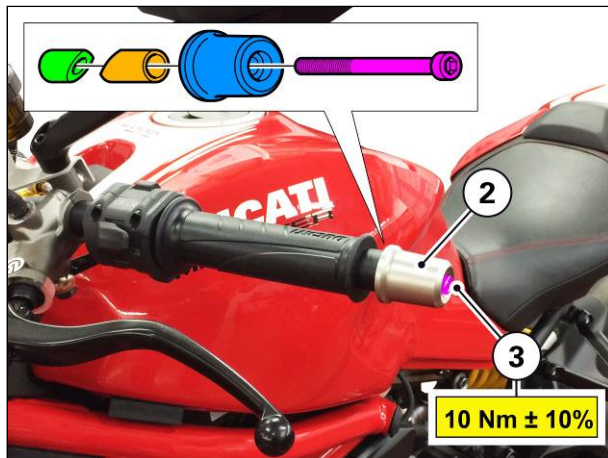




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- **Handlebar balancing weight assembly**

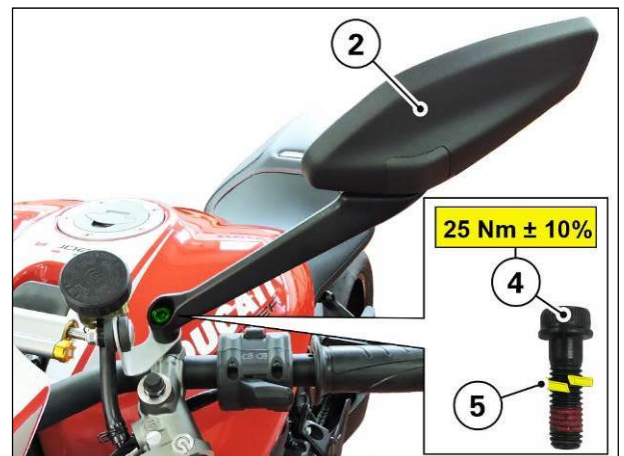
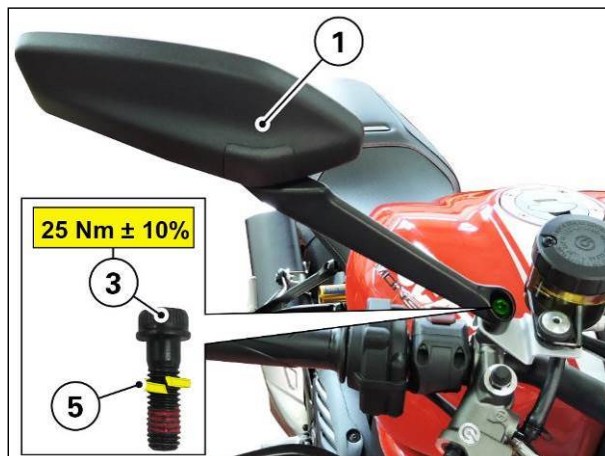
Place **RH (1)** and **LH counterweight (2)** onto handlebar; tighten **screws M6x65 (3)** to a torque of **10 Nm ± 10%**.



- **Rear view mirror assembly**

1) Remove service screws and position **RH rear-view mirror (1)** and **LH rear-view mirror (2)** on the relevant supports fastened onto the handlebar.

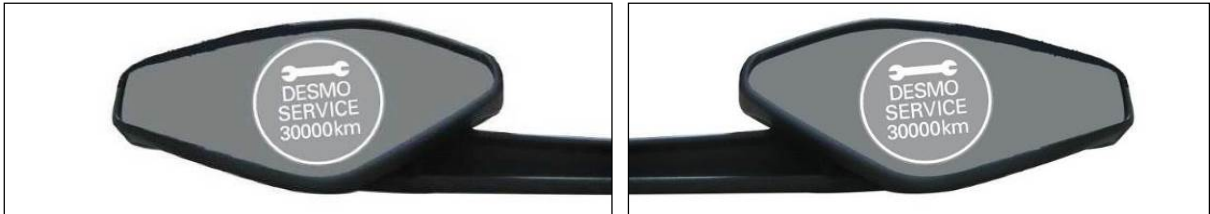
Tighten **screws M8x25 (3)** and **(4)** with the relevant **washers (5)** to a torque of **25 Nm ± 10%**.





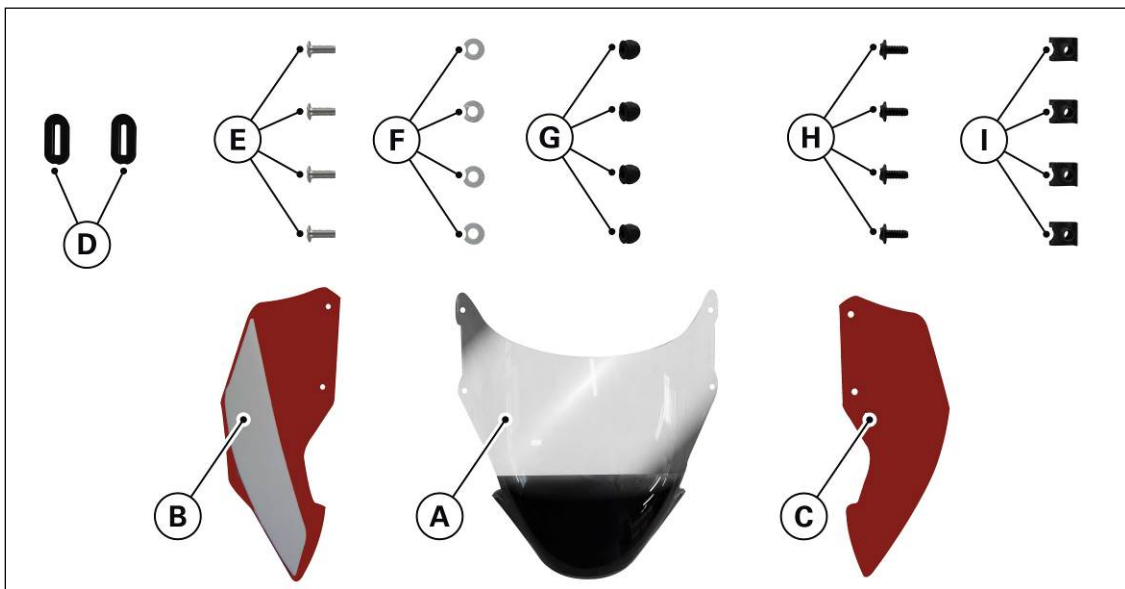
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2) Apply the two "DESMO SERVICE 30000" stickers on the glass of the rear-view mirrors.



- **Headlight fairing assembly**

Take the following components from the supplied kit:



Position	Description	Quantity
A	Plexiglas	1
B	Headlight fairing RH cover	1
C	Headlight fairing LH cover	1
D	Grommets	2
E	Screws M4x12	4
F	Teflon washers	4
G	Special nuts M4	4
H	M5X12 screw	4
I	Threaded clip	4

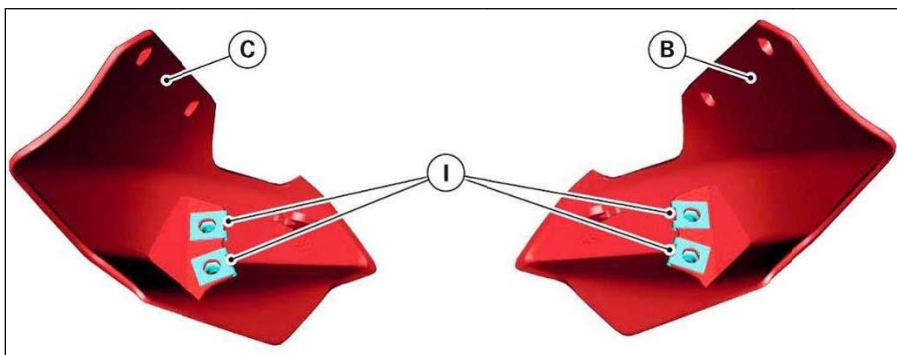


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- 1) Fit **2 grommets (D)** in the slots of **Plexiglas (A)**.



- 2) Fit **clips (I)** on headlight fairing **LH cover (C)** and on **RH cover (B)**, as shown in the figure.

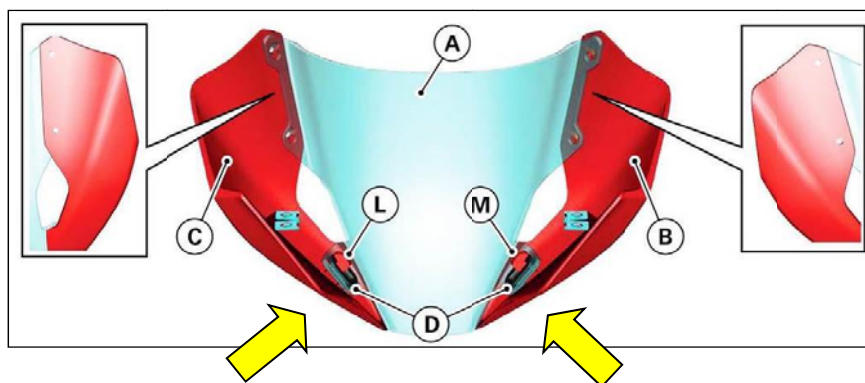


- 3) Fit headlight fairing **LH cover (C)** and **RH cover (B)** on **Plexiglas (A)**, inserting the relevant **retainers (L)** and **(M)** in **grommets (D)**.



NOTE

Slide retainers (L) and (M) of LH cover (C) and RH cover (B), inside grommets (D), making sure that the upper holes of Plexiglas (A) match with headlight fairing cover holes.

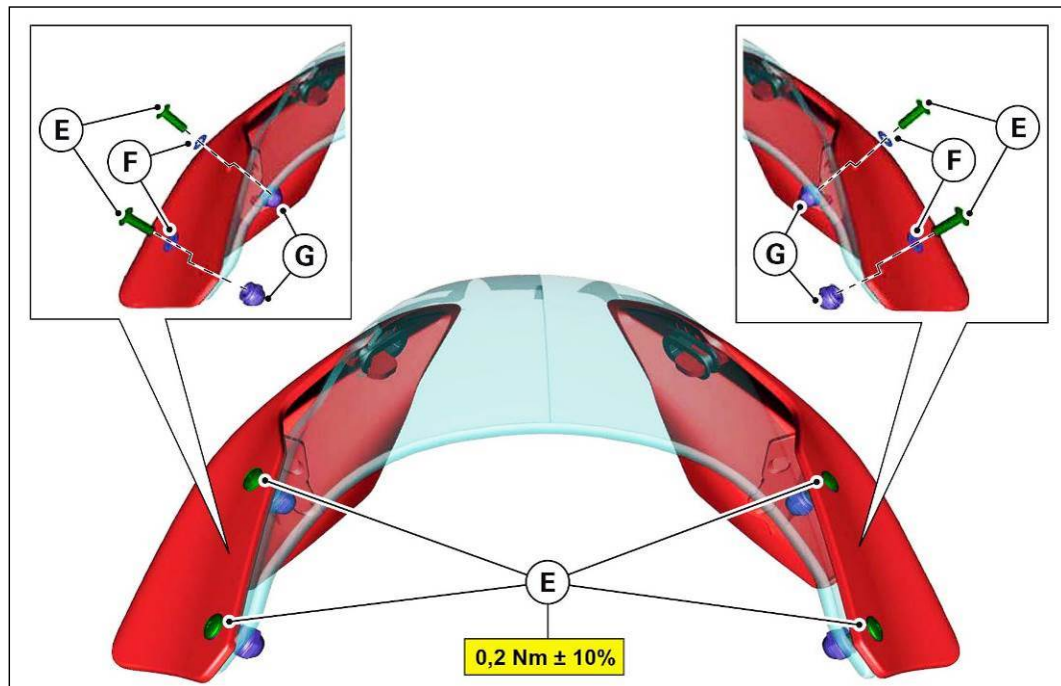




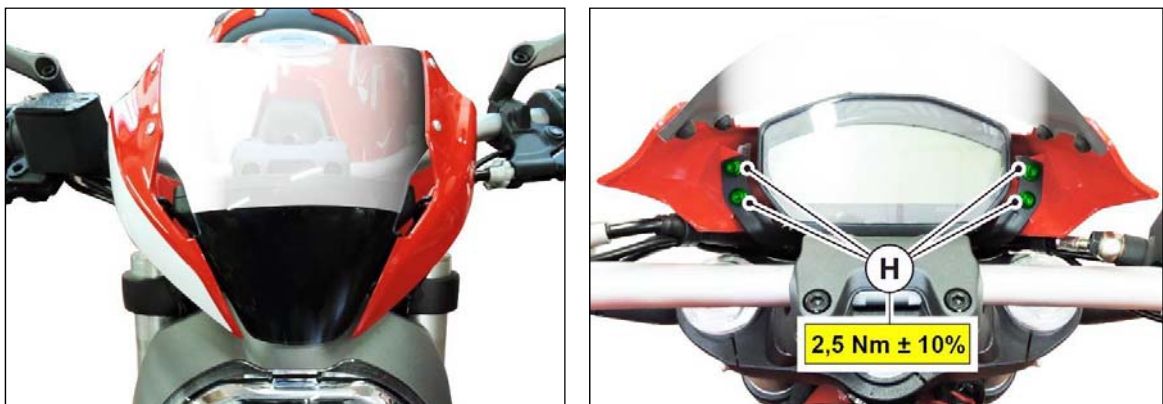
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4) Fit **4 screws (E)** inside **4 teflon washers (F)**.

Start **4 nuts (G)** and tighten **4 screws (E)** to a torque of **0.2 Nm ± 10%**.



5) Fit the headlight fairing and tighten the **4 fastening screws M5x12 (H)** to a torque of **2.5 Nm ± 10%**.





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- **Battery start-up**



WARNING

Read carefully filling, charging and installation instructions before operating on the battery.

After filling the electrolyte, it is necessary to let the battery rest for at least 30 minutes. Always charge the battery upon the first operation and after long storage periods – such as before selling the vehicle. Leaving the battery discharged for more than one month could damage it. During vehicle storage periods, always use the battery charge maintainer.

Use only constant-voltage battery chargers. Check that battery terminals are properly connected to the battery charger.

To recharge the battery, follow the instructions on the battery; for more details, refer to the table:

Type of charging	Volt (V)	Ampere (A)	Time (Hours)
Normal	12	0.9	5 ÷ 10

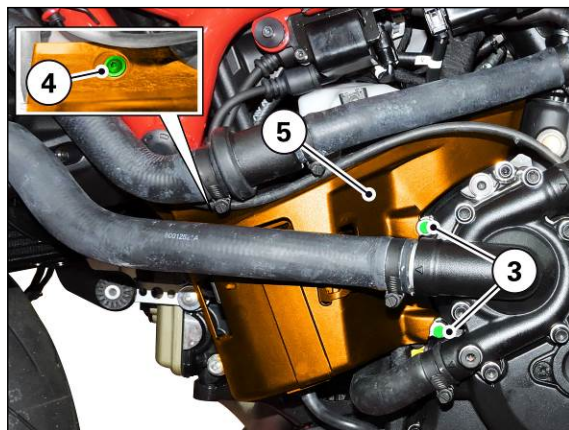
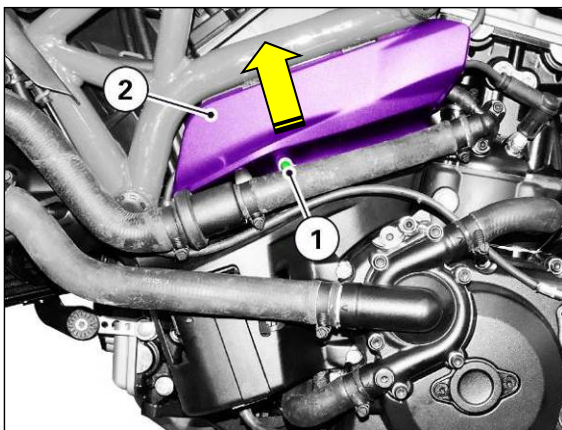
- **Battery assembly on vehicle**



WARNING

Before installing the battery it is necessary to disconnect the ground cable connected to the engine.

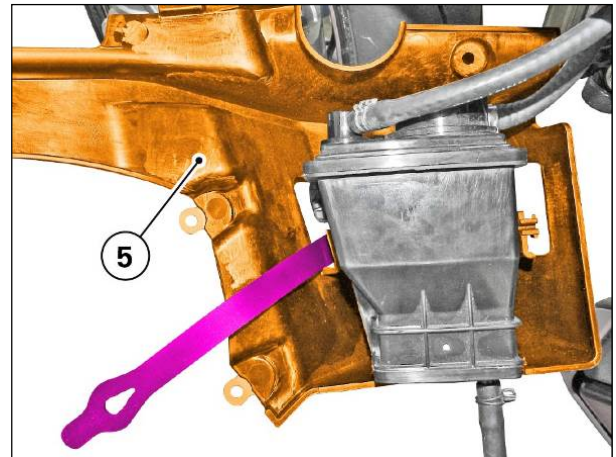
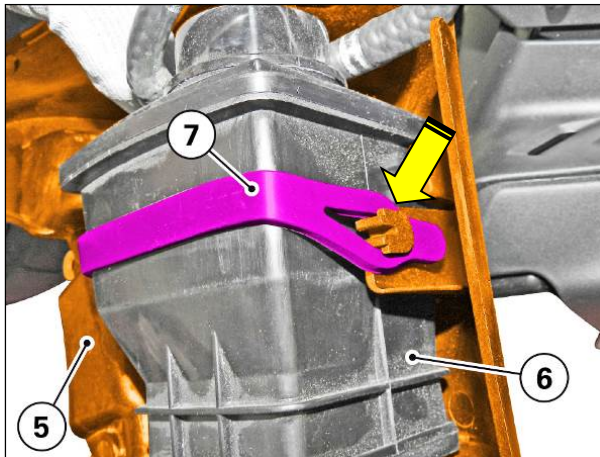
- 1) Loosen the **screw (1)** and remove the **top cover (2)** by pulling it up.
- 2) Loosen the **2 screws (3)**, the **screw (4)** and slide the **lower cover (5)** towards the front side.





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- 3) Remove the **canister filter (6)** from the **lower cover (5)** by releasing the **fastening rubber band (7)** from the suitable hook.

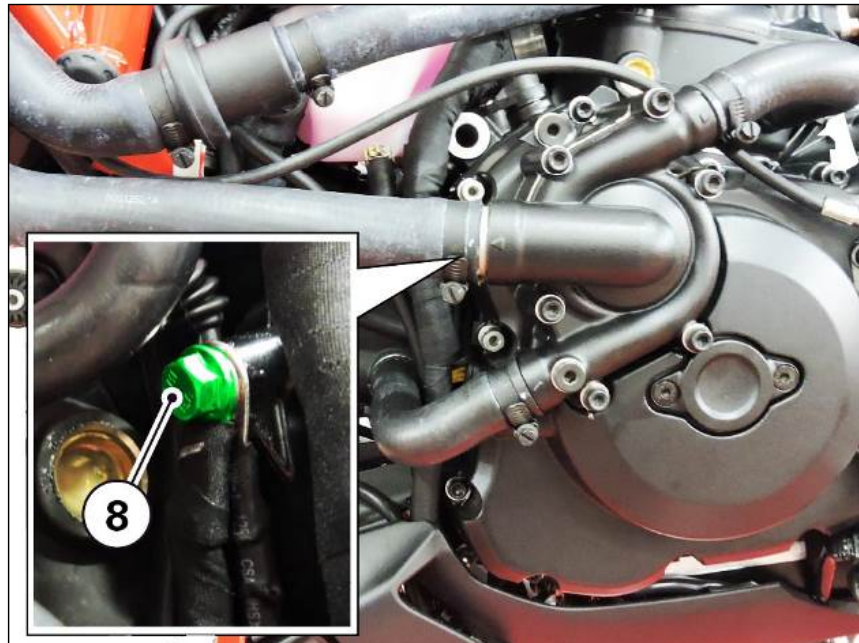


- 4) Remove the retaining **screw (8)** of ground cable connected to engine.



WARNING

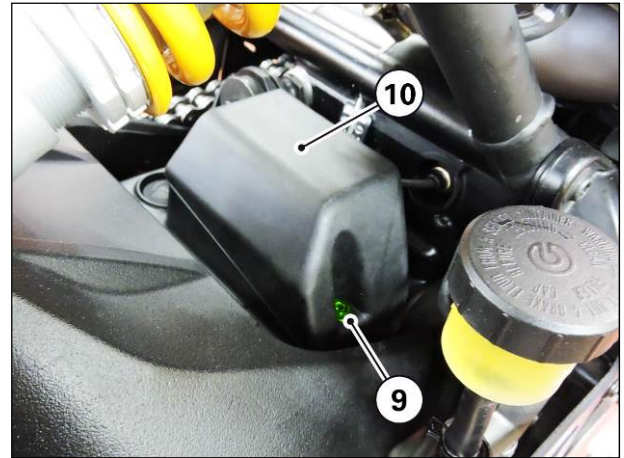
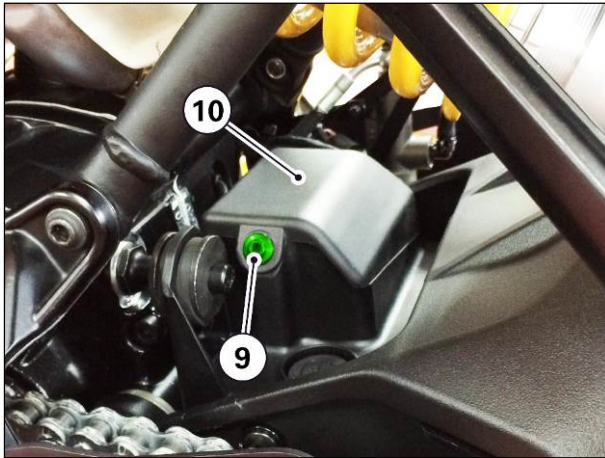
Insulate the ground cable end to prevent it from touching the metal parts of motorcycle.



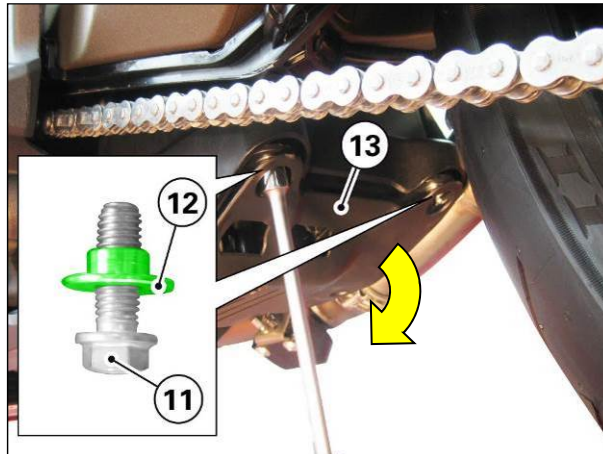


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- 5) Remove the **2 screws (9)** securing **battery cover (10)** and slide it out.



- 6) Remove the **2 screws (11)** with the relevant **spacers (12)**, fastening the **battery support cover (13)** to the electric components support; open the **battery mount cover (13)** turning it downwards.

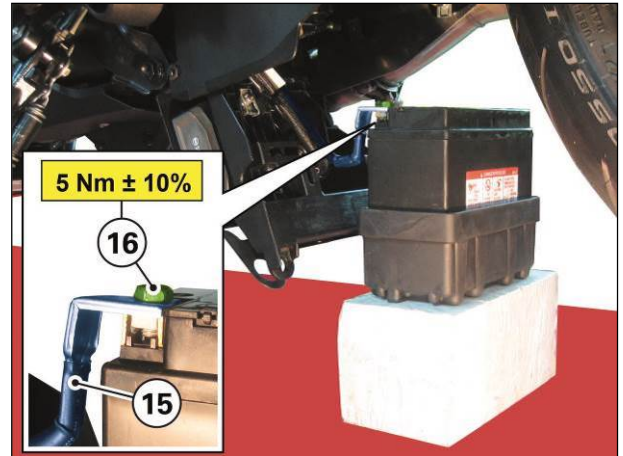


- 7) Take **battery rest block (14)** from the kit supplied with motorcycle and then fit the battery inside it.

Set the battery on a heightened support (min. height 100 mm), release the **negative cable (15)** from the battery compartment and connect it to the battery negative terminal, tightening **screw (16)** to a torque of **5 Nm ± 10%**.

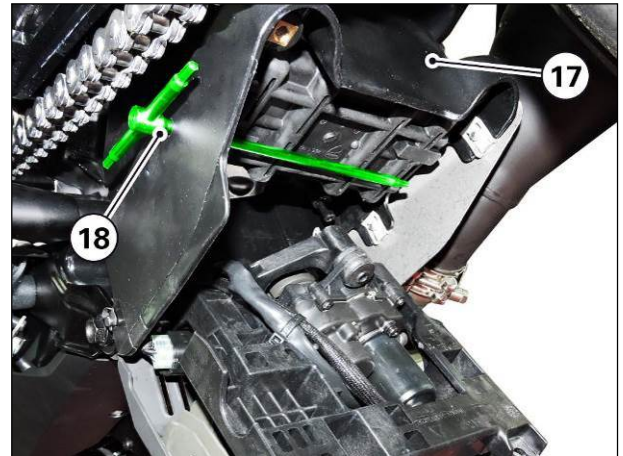
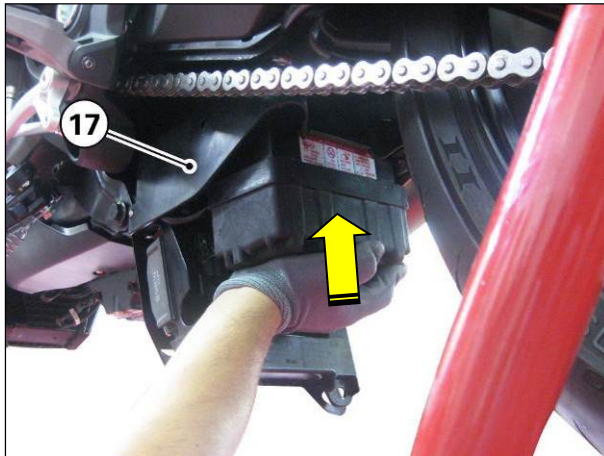


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- 8) Insert the battery into the seat of **battery compartment (17)**.

Then insert a **service pin (18)** into the hole of **battery compartment (17)** to support the battery itself (we suggest using a 4 mm T key as a service pin).

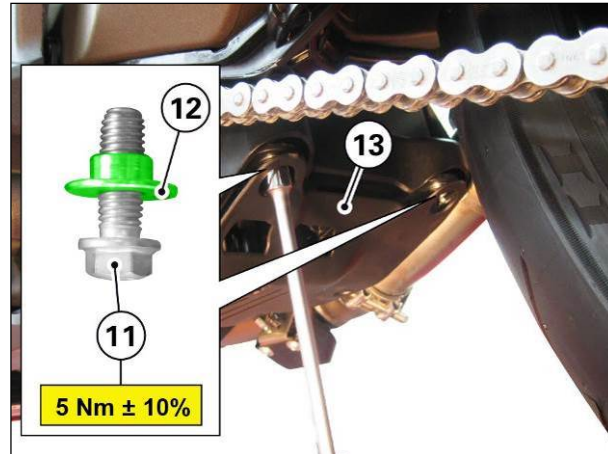


- 9) Close the **battery mount cover (13)** by turning it upwards until it comes into contact with the battery; at the same time, slide out service pin (18).

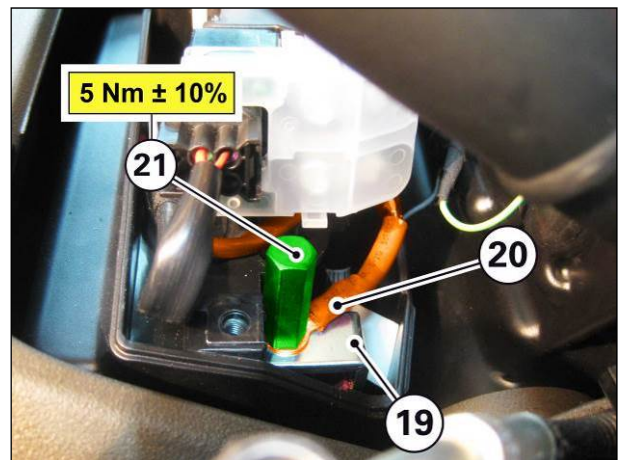
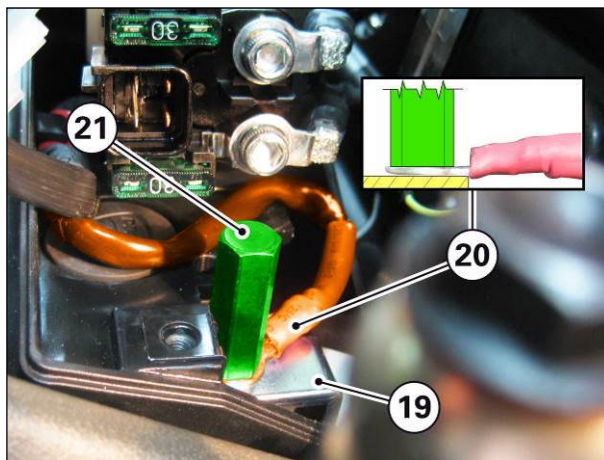
Start the **2 screws M6x1 (11)** with the relevant **spacers (12)** and tighten to a torque of **5 Nm ± 10%**.



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- 10) Fit the **bike positive cable (19)** and the **ABS positive cable (20)** on battery positive pole and fasten the **special screw (21)** to a torque of $5 \text{ Nm} \pm 10\%$.



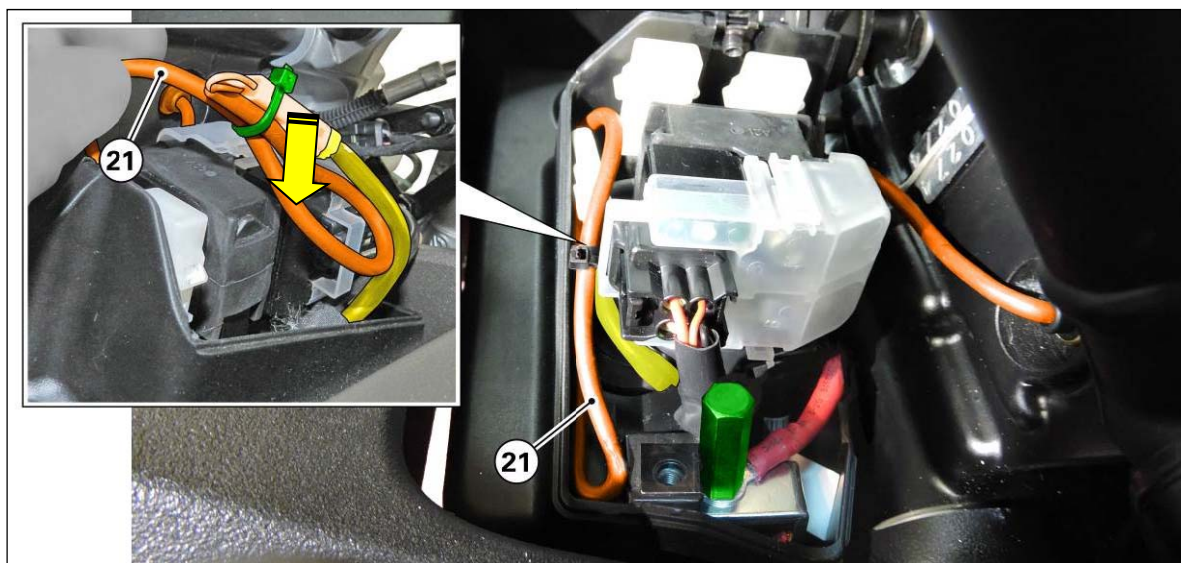


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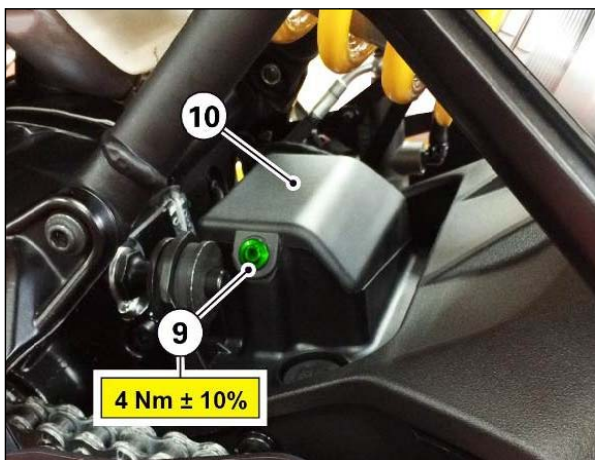


NOTE

Before installing the battery cover, check the correct position of **gear sensor cable (21)** as shown in the figure:



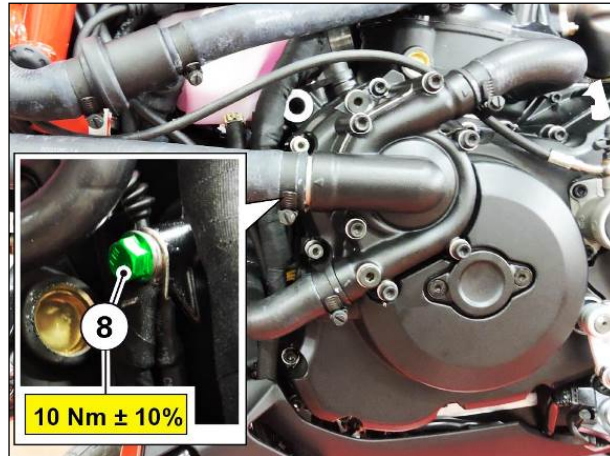
11) Fit the **battery cover (10)** and tighten the **2 screws M5x0.8 (9)** to a torque of **4 Nm ± 10%**.



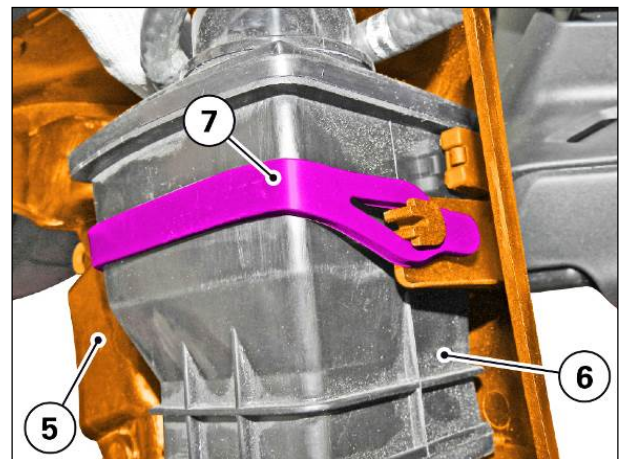
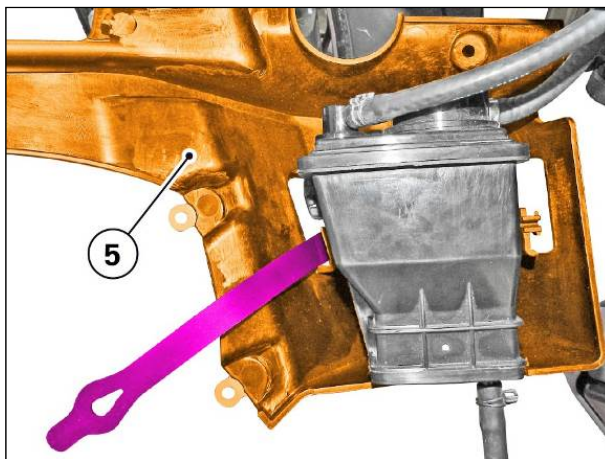


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- 12) Tighten **screw (8)** retaining engine ground cable to a torque of **10 Nm ±10%**.



- 13) Fasten **canister filter (6)** inside the **lower cover (5)** using the **fastening rubber band (7)**.



- 14) Fit the **lower cover (5)**.

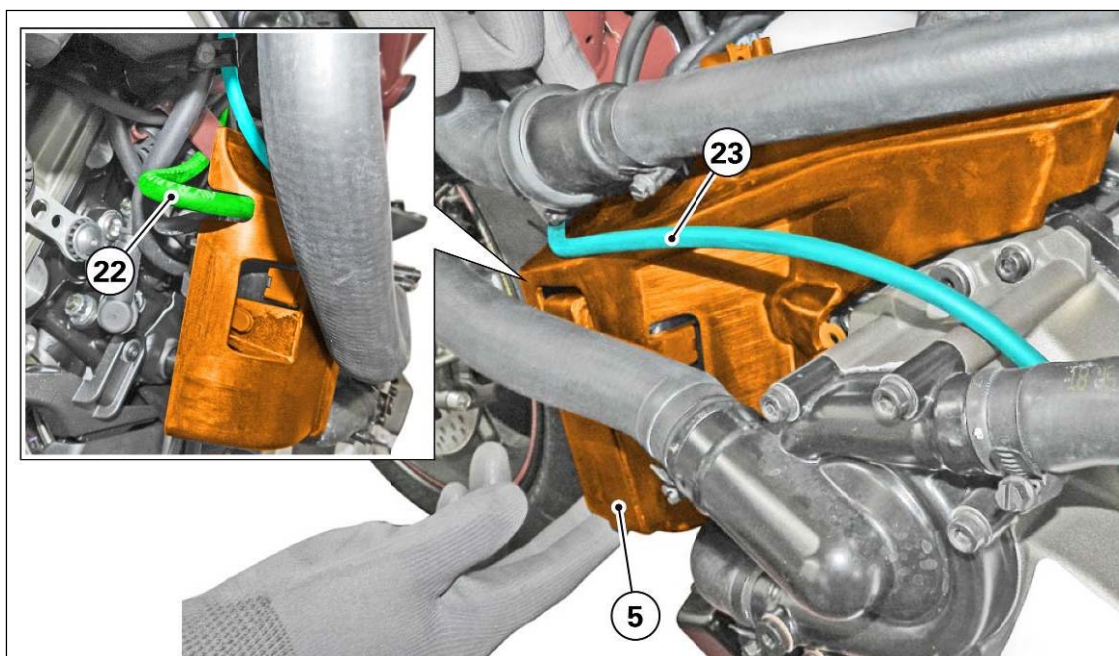


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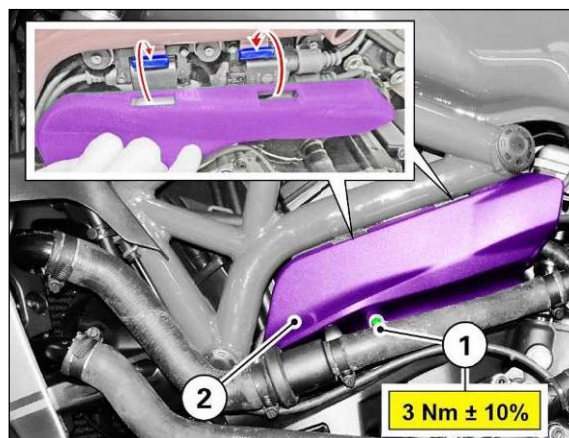
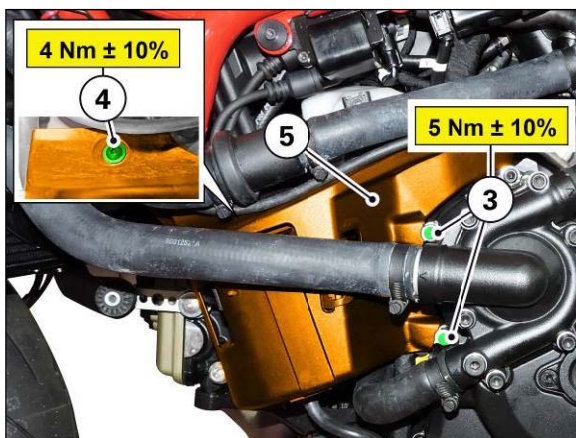


NOTE

Check that **fuel tank breather pipe (22)** is in the proper slot present on the **lower cover (5)**.
Check that **clutch hose (23)** remains outside the cover.



- 15) Tighten the **2 screws (3)** of **lower cover (5)** to a torque of **5 Nm ± 10%** and **screw (4)** to a torque of **4 Nm ± 10%**.
- 16) Install the **upper cover (2)** by fitting the vibration damping pads inside the upper slots, as shown in the figure; tighten the **screw (1)** to a torque of **3 Nm ± 10%**.





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- **Emergency Start**

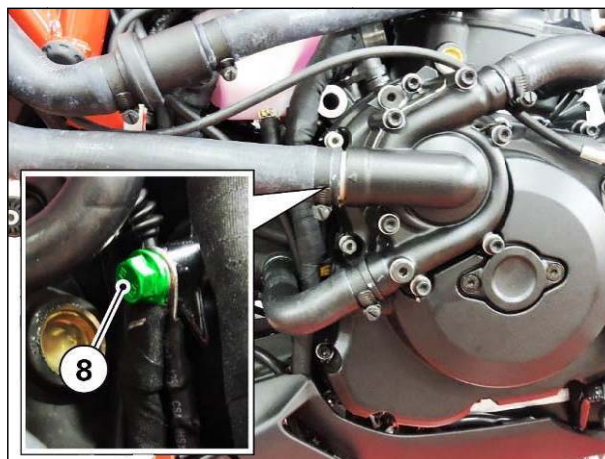
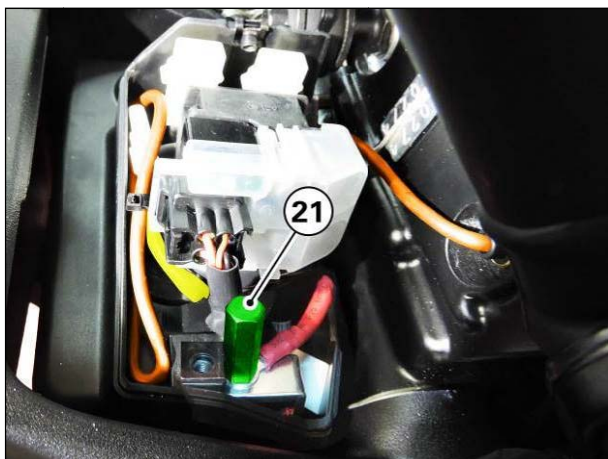
In case it is essential to jump-start the motorcycle, it is necessary to remove the battery cover and both covers on LH side of engine.

Connect the service battery positive pole to **special screw (21)** of battery positive pole and service battery negative cable to **ground screw (8)** connected to engine.



Warning

When connecting the positive pole of the external device to the positive pole of the battery, pay utmost attention not to touch any other grounded metal parts on the vehicle.

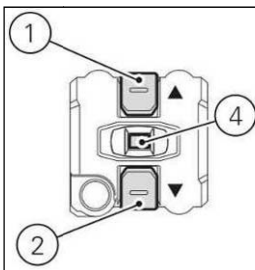


- **Clock setup**

Once the battery has been installed on the vehicle, the clock must be set.

To set the clock select the "CLOCK" function in the setting menu; with **buttons (1)** and **(2)** of LH switchgear and confirming with **button (4)**, you can set and confirm the time.

The menu shows the possible adjustments that can be performed (HOUR, MINUTE, AM/PM) on the left side of the display.



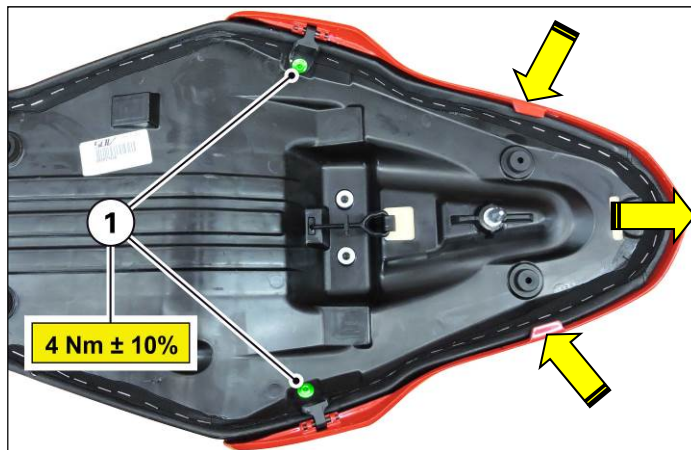


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- **Seat cover disassembly and reassembly**

Remove the **2 screws M5x0.8 (1)** securing **battery cover (2)** and slide it out.

To reassemble, tighten the **2 fastening screws M5x0.8 (1)** to a torque of **4 Nm $\pm$ 10%**.



- **Vehicle scheduled maintenance plan**

The maintenance plan described in this document is the same that will be communicated to Customers through all Ducati's means of communication; we trust that you cooperate in complying with indicated times and operations for the various scheduled maintenance service operations.

TYPE OF SCHEDULED MAINTENANCE	TIME (hours)
OIL SERVICE 1000	1.5
OIL SERVICE	1.4
ANNUAL SERVICE	1.4
DESMO SERVICE	5.5

Hereinafter is an indication of execution times associated with the main operations with set time intervals:

INTERVENTION TYPE	TIME (hours)
Change brake and clutch fluid (Every 36 months)	0.6
Change front fork fluid (Every 30,000 km/18,000 mi)	0.8
Change coolant (Every 45,000 km/27,000 mi or 48 months)	0.4 *

* time not to add to Desmo Service operation



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The scheduled maintenance Check-List is attached to this Technical Bulletin (**Ed.01/16**), and includes all operations required during the services; it applies to the following models:

<i>Model</i>	<i>Model Year</i>	<i>Scheduled Maintenance Check List</i>
Diavel	2015 - 2016	
Hypermotard	2013 - 2014 - 2015	
Hyperstrada	2013 - 2014 - 2015	
Monster 821	2015 - 2016	
Monster 1200	2014 - 2015 - 2016	
Monster 1200 R	2016	

Please print a color copy of this A4 form, fill it in thoroughly and turn it in to Customer (keep a copy attached to work order).

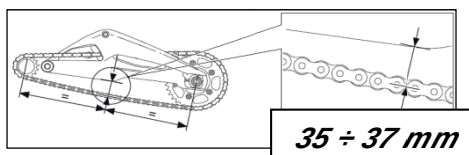
• **Useful information for scheduled maintenance**

<i>Top-ups</i>	<i>Type</i>	<i>Qty</i>
Engine oil	SHELL - Advance 4T Ultra 15W-50	4 cu.dm (liters)
Front fork	SHELL Advance Fork 7.5 or Donax TA	608 cc (150 mm measured without spring or hose preload)
Cooling circuit	ENI Agip Permanent Spezial	2.5 cu.dm (liters)

1) Tightening torque values for safety related parts tightening check:

- Front brake caliper screws: 45 Nm $\pm$ 5% + GADUS S2 V220 AD 2;
- Rear brake caliper screws: 25 Nm $\pm$ 5% + GADUS S2 V220 AD 2;
- Front wheel nut: 63 Nm $\pm$ 5% + GADUS S2 V220 AD 2;
- Rear wheel shaft nut (on rear sprocket side and rim side): 230 Nm $\pm$ 5% + GADUS S2 V220 AD 2;
- Sprocket retaining nut: 186 Nm $\pm$ 5% + GADUS S2 V220 AD 2;
- Eccentric hub tightening screw: 40 Nm $\pm$ 5% + GADUS S2 V220 AD 2 on thread and underhead;
- Frame to horizontal/vertical heads retaining screws: 90 Nm $\pm$ 5% + GADUS S2 V220 AD 2 on thread and underhead;
- Subframe to vertical head retaining screws: 150 Nm $\pm$ 5% + GADUS S2 V220 AD 2 on thread and underhead;

2) Final drive chain tensioning





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- 3) Assembly and valve clearance check values. The time indicated includes adjustment of all valves, and the cost includes purchase of 4 closing shims and 4 opening shims, since it is assumed that replaced shims can be reused by dealer:

		<i>Assembly value</i>	<i>Check value</i>
Opening Rocker Arm	Intake	0.13 ÷ 0.18 mm	0.10 ÷ 0.25 mm
	Exhaust	0.13 ÷ 0.18 mm	0.10 ÷ 0.25 mm
Closing Rocker Arm	Intake	0.05 ÷ 0.10 mm	0.05 ÷ 0.25 mm
	Exhaust	0.05 ÷ 0.10 mm	0.05 ÷ 0.25 mm

- 4) Tire pressure:

<i>Tire pressure</i>		
Front tire pressure – 120/70 ZR17	2.3 bar	2.3 bar (with passenger)
Rear tire pressure – 200/55ZR17	2.1 bar	2.5 bar (with passenger)

Please be reminded that the technical information contained in this document may undergo changes. We recommend always checking such information against the data provided on the workshop manual and dedicated technical bulletins.

Please forward any comments you may have regarding the data contained in the Pre-delivery and Scheduled Maintenance Check list forms to your Area Manager. We feel confident that these new tools will help improve transparency towards our Customers, and consequently their loyalty toward both Ducati and your Dealership's Service.

We thank you in advance for your attention and cooperation.

Ducati North America Service Department