



MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

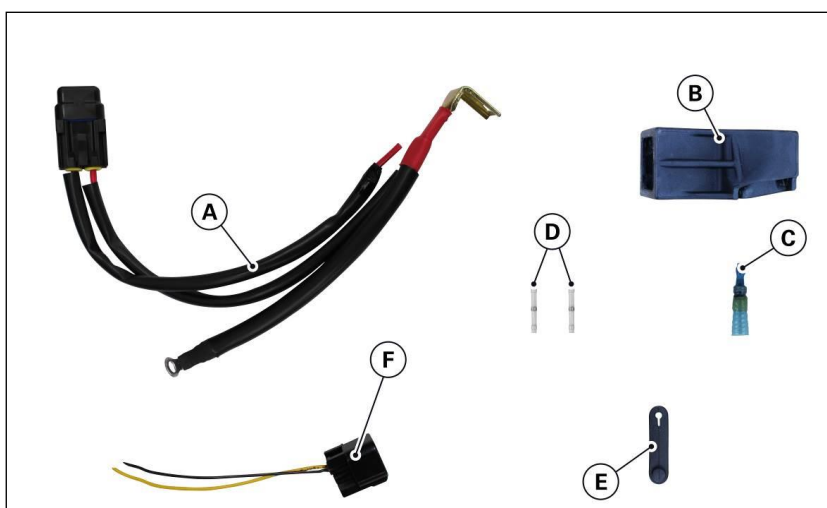
Electronic Service Bulletin SRV-ESB-18-001

Date: Thursday, February 22nd, 2018
To: Dealer Principal, General Manager, Service Manager, and Service Technician
From: Richard Kenton, Technical Director

Dear Dealers and Service Managers,

An update has been made to the starter solenoid wiring harness in the Multistrada 1260 Model Year 2018. Should it become necessary to service the solenoid starter area on the above-mentioned models, please install kit Part no.69928501A.

Please use the following procedure to install **kit Part no.69928501A**:



Position	Description	Qty
A	Solenoid starter branch	1
B	Rubber fuse box	1
C	Heat-shrink wire terminal bushing	1
D	Heat-shrink tube	2
E	Button tie L.62	1
F	Solenoid starter connector	1

- 1) Remove passenger seat and rider seat.
- 2) Remove the **M5x0.8 screw (1)** retaining BBS control unit support/battery bracket and slide it out.



MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

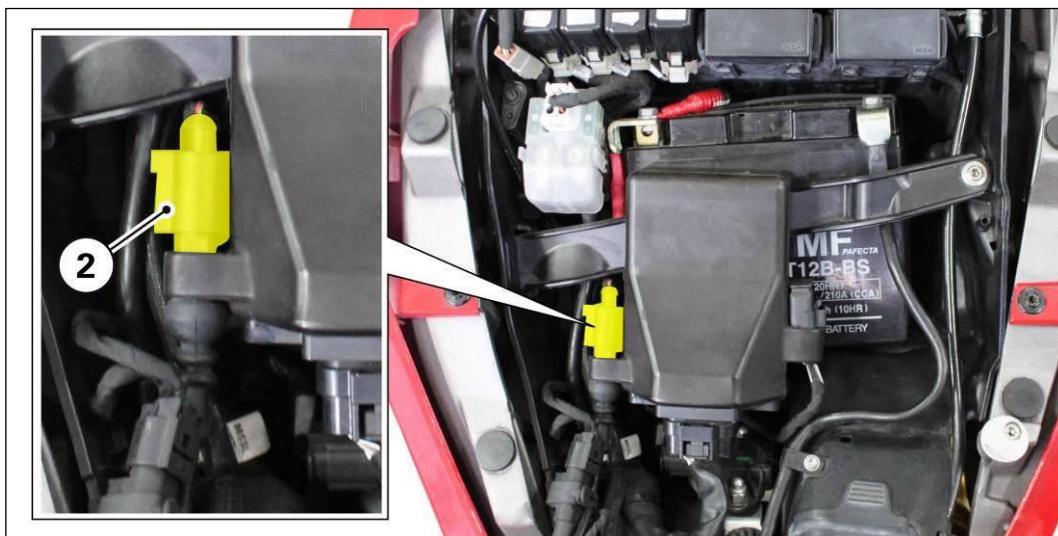


NOTE

For models:

- Multistrada 1200 Enduro
- Multistrada 1200 S

disconnect the rear shock absorber adjustment **connector (2)**.





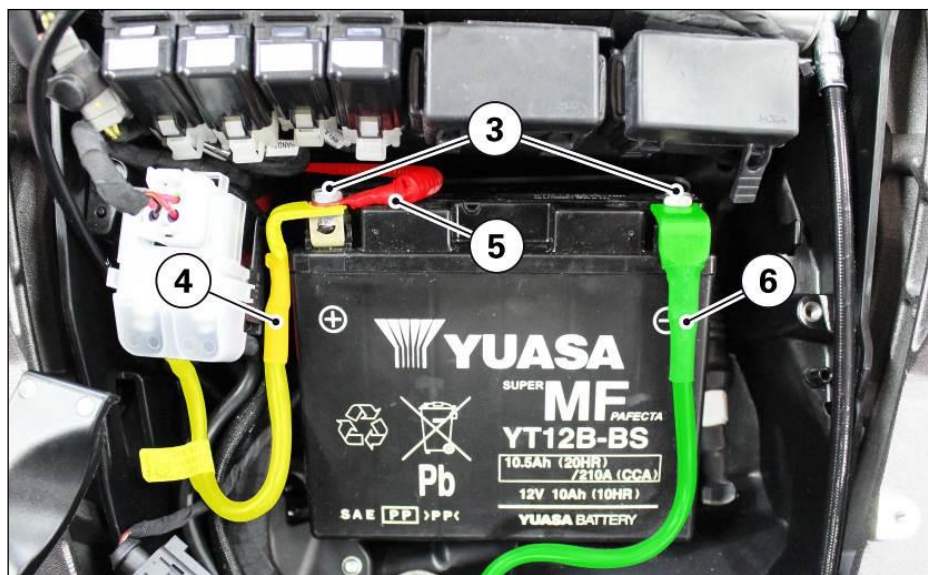
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

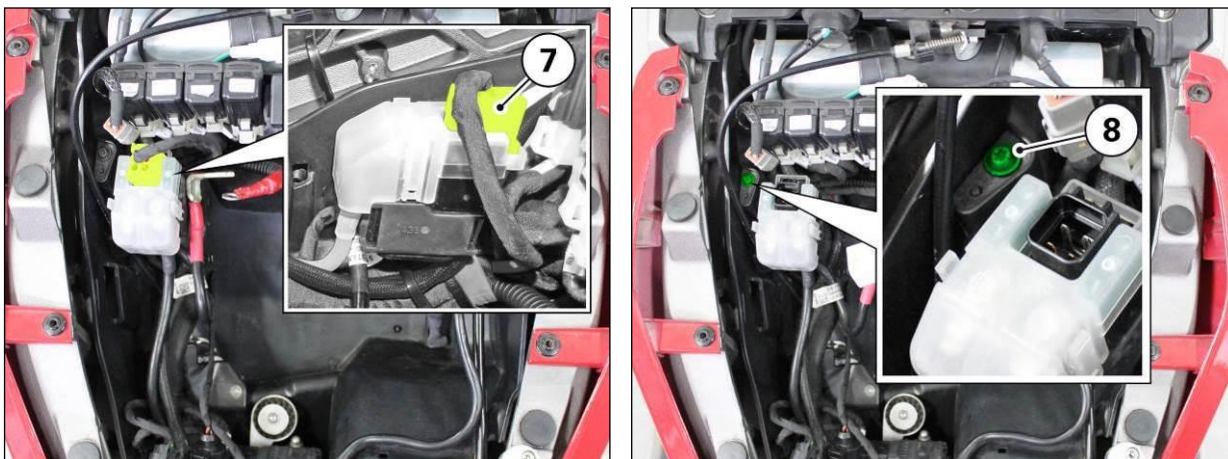
Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 3) Remove the **2 screws (3)** fastening **vehicle positive cable (4)** and **ABS positive cable (5)** to battery positive terminal and **negative cable (6)** to negative terminal.
- 4) Remove battery.



- 5) Disconnect **connector (7)** of solenoid starter cable.
- 6) Remove **screws(8)** fastening solenoid starter support to electrical components compartment.





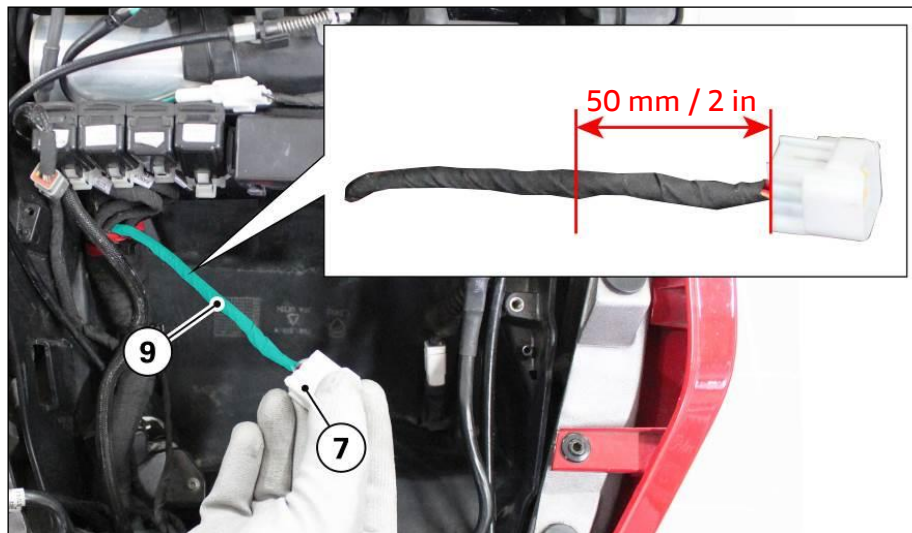
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 7) Cut the **solenoid starter cable (9)** at a distance of 50 mm / 2 in from the lower end of **connector (7)**.



- 8) Remove **tape (10)**.



- 9) Remove the sheath at the ends of **red-yellow cable (11)** and **black cable (12)** for a total length of 10 mm / .4 in.



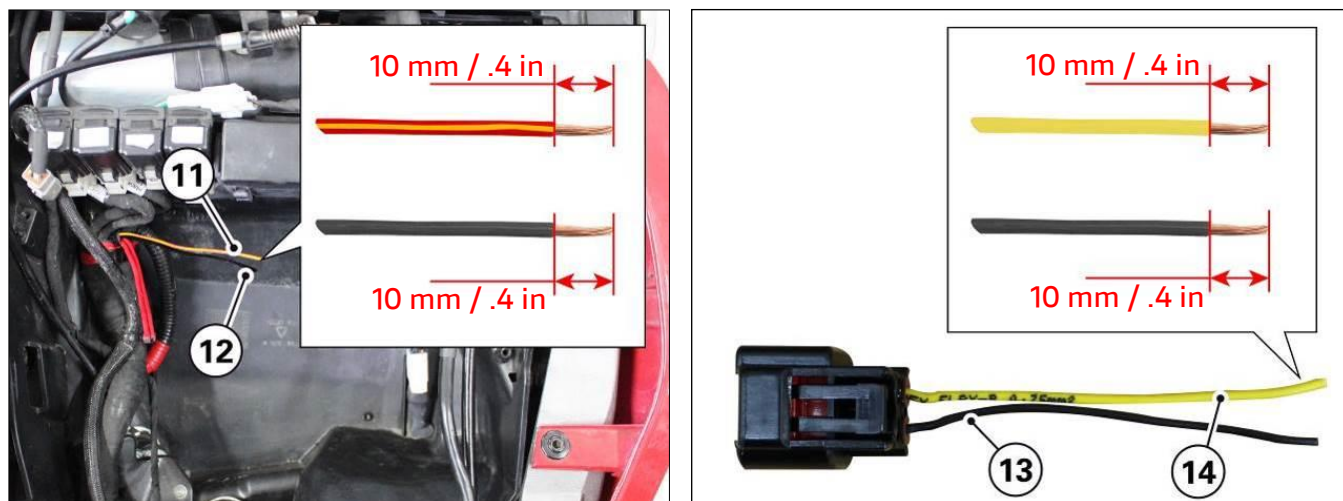
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

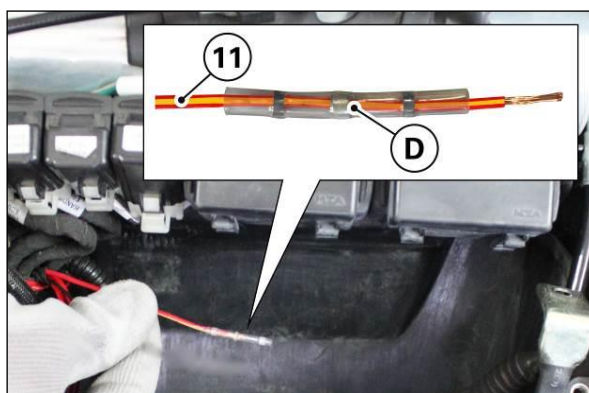
Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

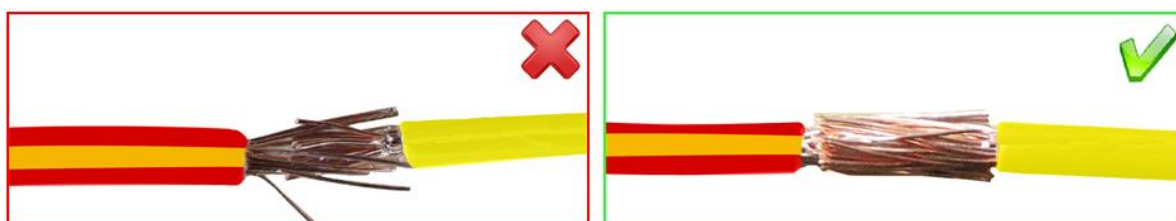
- 10) Take the **solenoid starter connector (F)** from kit Part no.69928501A and remove the sheath at the ends of **black cable (13)** and **yellow cable (14)** for a total length of 10 mm / .4in.



- 11) Take a **heat-shrink tube (D)** from kit Part no.69928501A and insert the **red-yellow cable (11)** inside it.



- 12) Slide in-between the copper strand ends of red-yellow cable (11) and of yellow cable (14).





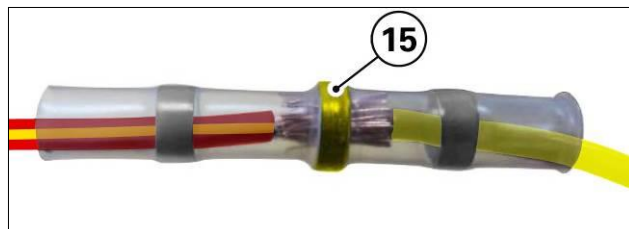
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 13) Move the **heat-shrink tube (D)** along cables until the copper strand jointing position aligns with that of **tin ring (15)**.



- 14) Evenly heat the heat-shrink tube surface (D) with a heat gun (maximum temperature 400°C from a min. distance of 50 mm / 2in. from cables) by rotating the heat gun along the entire circumference of the heat-shrink tube while keeping the air flow on the centerline of the tube to avoid damaging the cables.

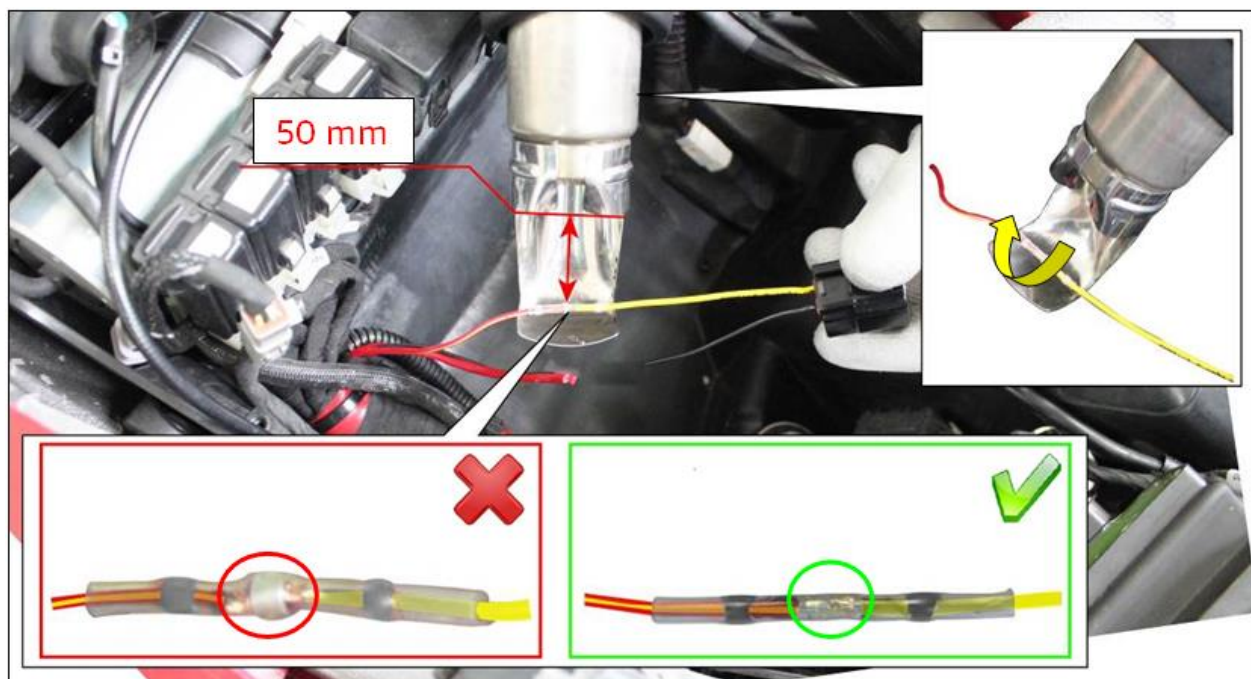
- 15) Heat until the inner lining of heat-shrink tube (D) is completely melted.



ATTENTION

Make sure the heat-shrink tube (D) stays in position during heating.

Once finished, allow the heat-shrink tube (D) to cool down for at least 60 seconds.





MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

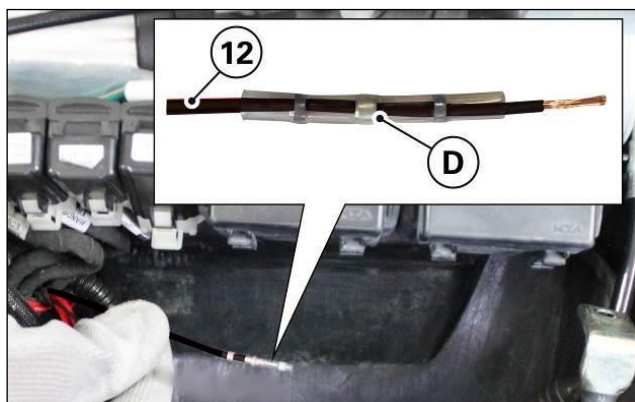
Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

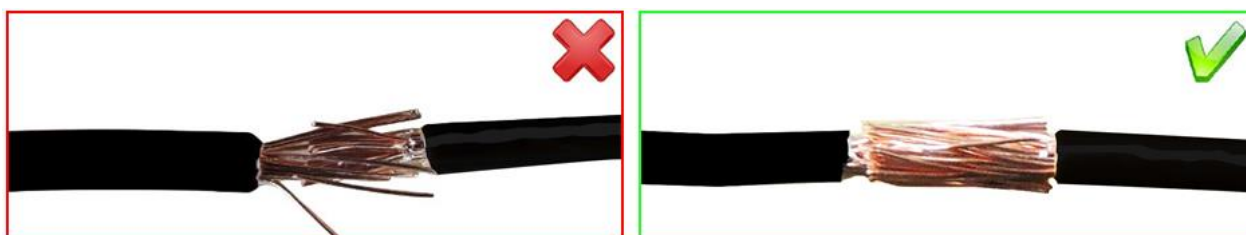
Check that no copper strands protrude from the heat-shrink tube (D), then apply adhesive tape on the heat-shrink tube (D).



- 16) Take the second **heat-shrink tube (D)** from kit Part no.69928501A and insert the **black cable (12)** inside it.



- 17) Slide in-between the copper strand ends of black cable (12) and of black cable (13).





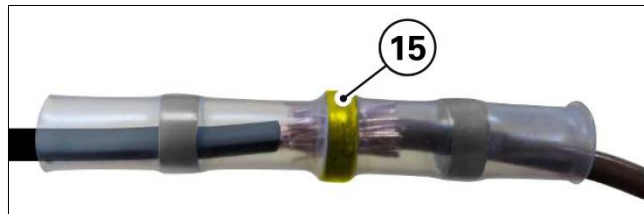
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 18) Move the **heat-shrink tube (D)** along cables until the copper strand jointing position aligns with that of **tin ring (15)**.



- 19) Evenly heat the heat-shrink tube surface (D) with a heat gun (maximum temperature 400°C from a min. distance of 50 mm / 2 in. from cables) by rotating the heat gun along the entire circumference of the heat-shrink tube and while keeping the air flow on the centerline of the tube to avoid damaging the cables.

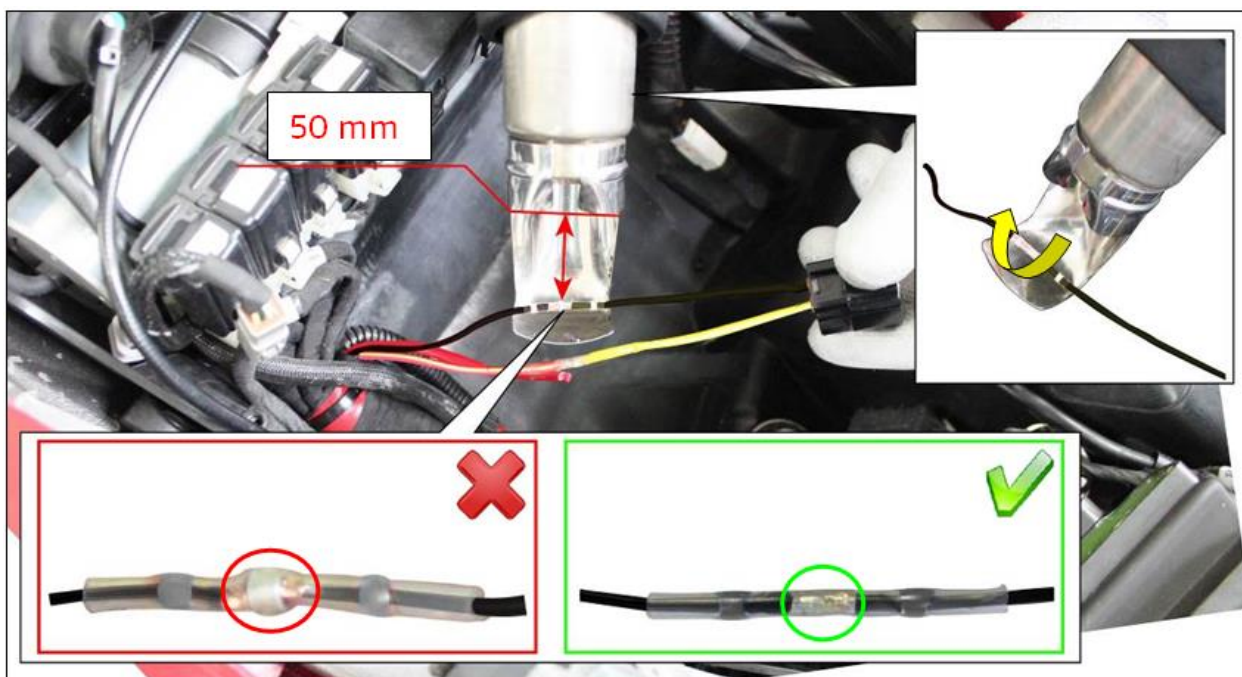
- 20) Heat until the inner lining of heat-shrink tube (D) is completely melted.



ATTENTION

Make sure that the heat-shrink tube (D) stays in position during heating.

Once finished, allow the heat-shrink tube (D) to cool for at least 60 seconds.





MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

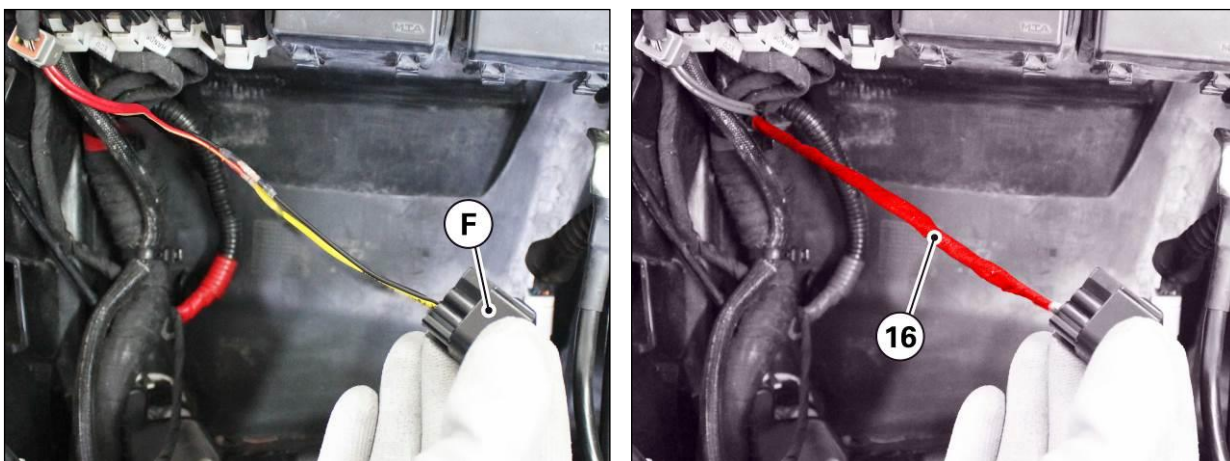
Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

Check that no copper strands protrude from the heat-shrink tube (D), then apply adhesive tape on the heat-shrink tube (D).



- 21) Apply **cloth tape (16)** on the cables of **solenoid starter connector (F)** up to the following node, as shown in the figure.



- 22) Remove the sheath at the ends of the **2 red cables (17)** for a total length of 15 mm / .6 in.



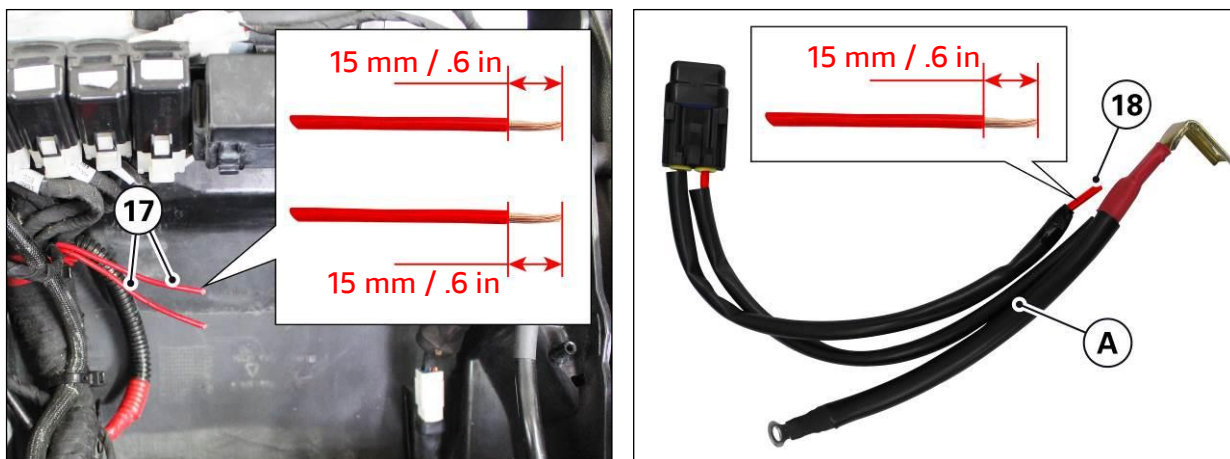
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 23) Remove the sheath at the end of **red cable (18)** of **solenoid starter branch (A)** for a total length of 15 mm / .6 in.



- 24) Join the ends of copper strands of solenoid starter branch **red cable (18)** and of the **2 red cables (17)** turning them as shown in the figure.
- 25) Take the **heat-shrink wire terminal bushing (C)** from kit Part no.69928501A and insert the copper strands of the solenoid starter branch red cable (18) and of the 2 red cables (17) inside it.
- 26) Position the **heat-shrink wire terminal bushing (C)** so the copper strand joint position aligns with that of **tin ring (19)** screwing it on the cables.



ATTENTION

Check that the copper strand ends are perfectly fitted inside the spring contained in the heat-shrink wire terminal bushing.

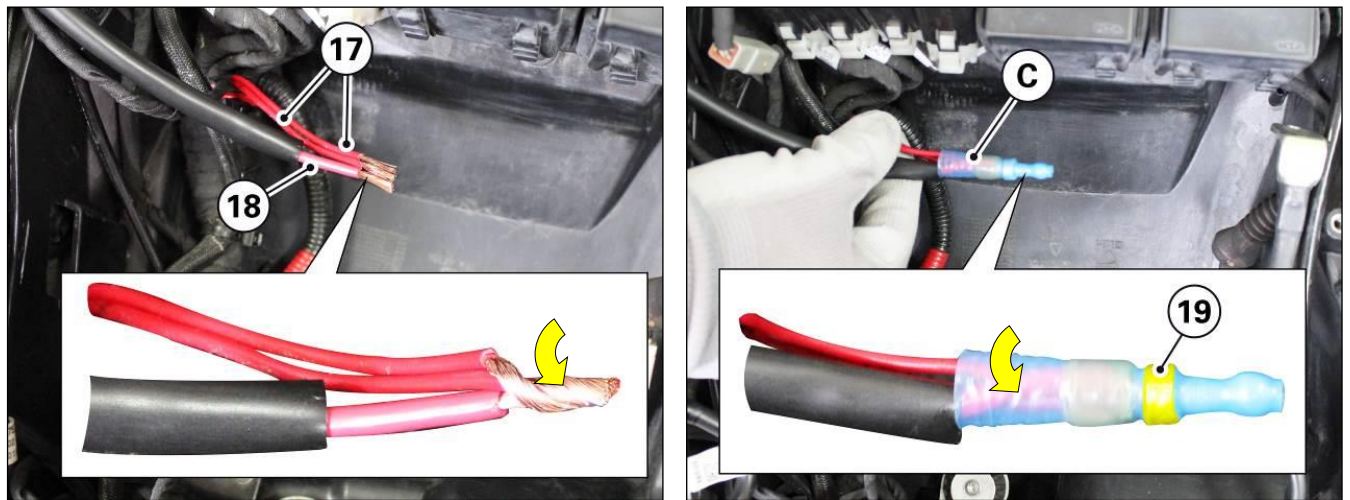


MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001



- 27) Evenly heat the surface of **heat-shrink wire terminal bushing (C)** with a heat gun (maximum temperature 400°C from a min. distance of 50 mm from cables) by rotating the heat gun along the entire circumference of the heat-shrink wire terminal bushing while keeping the air flow on the area of the tin ring to avoid damaging the cables.
- 28) Heat until the inner material of the heat-shrinking wire terminal bushing (C) is completely melted.



ATTENTION

Make sure the heat-shrink wire terminal bushing (C) stays in position during heating. Once finished, allow the heat-shrink wire terminal bushing (C) to cool for at least 60 seconds.

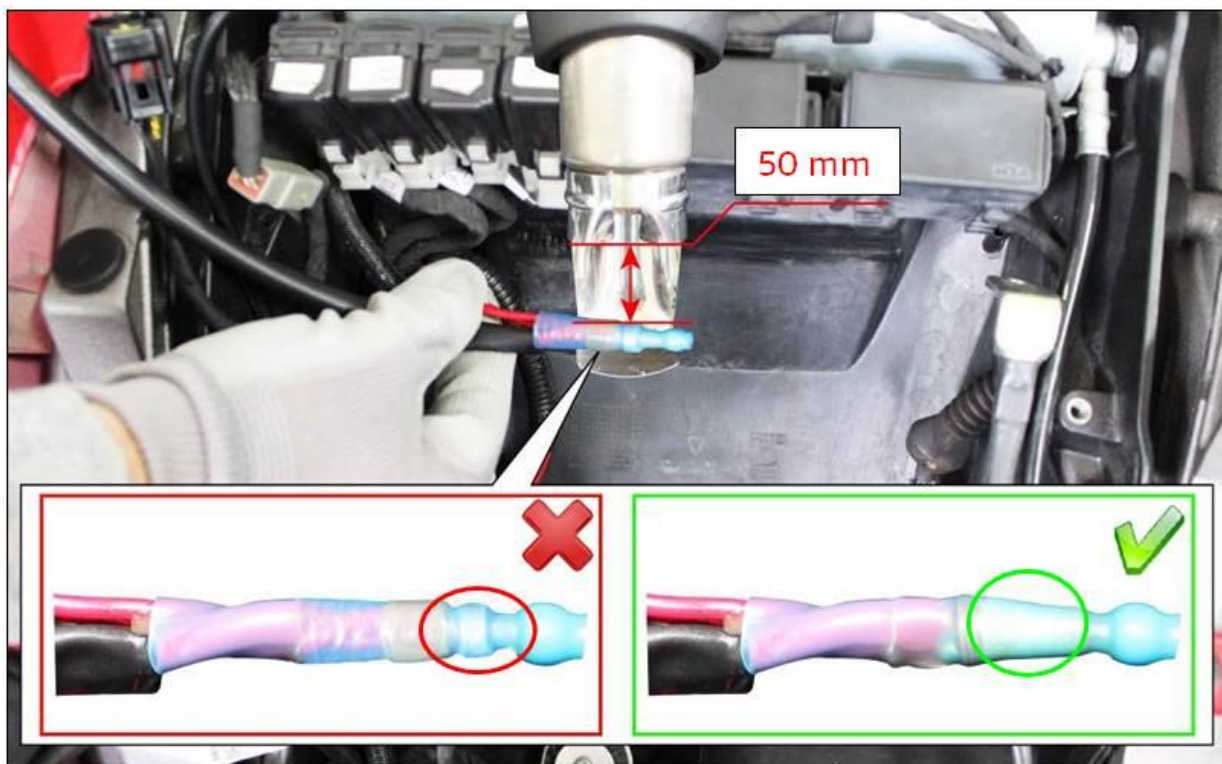


MTS 1200 Starter Solenoid Connector Installation

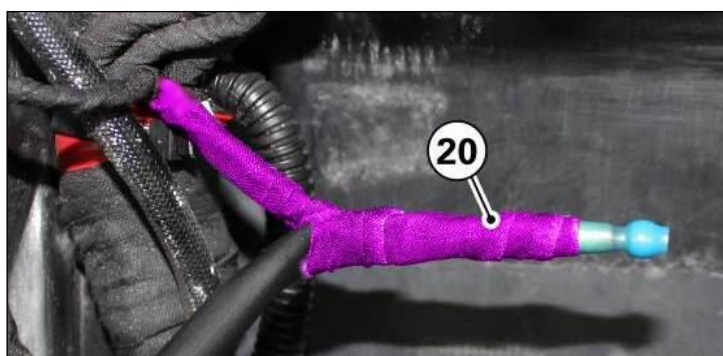
Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001



29) Apply cloth tape (20) as shown in the figure.



30) Remove protective cap (21) from solenoid starter.



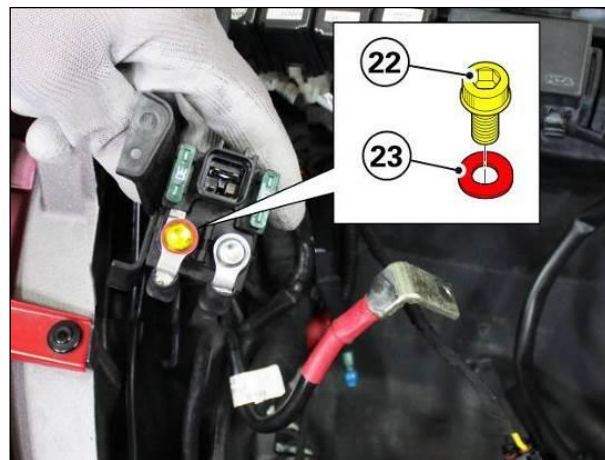
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

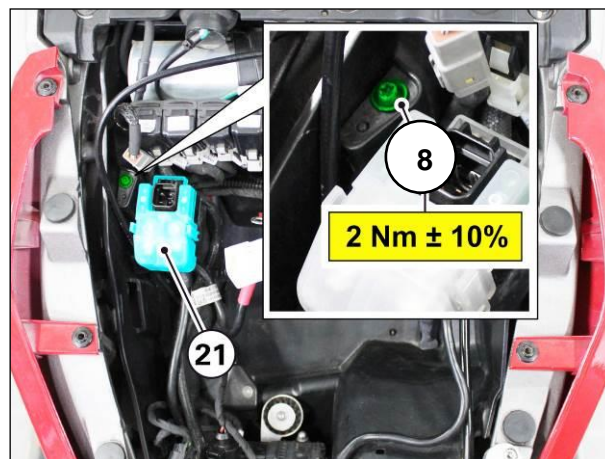
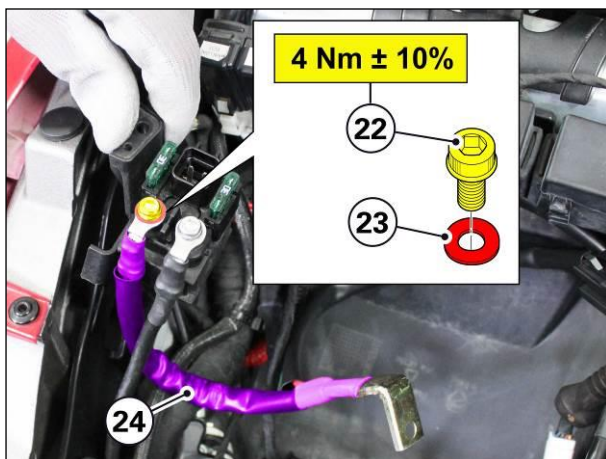
- 31) Remove **screw (22)** and its **washer (23)** fastening solenoid starter - battery positive pole cable and slide out the cable.



- 32) Position the new **solenoid starter - battery positive pole cable (24)** of solenoid starter branch (A) on the solenoid starter. Tighten **screw (22)** and its **washer (23)** to a torque of **4 Nm ± 10%**.

- 33) Install **protective cap (21)** on solenoid starter.

- 34) Fasten the solenoid starter support to electrical components support tightening **screw (8)** to a torque of **2 Nm ± 10%**.





MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

35) Connect **connector (7)** of solenoid starter cable.

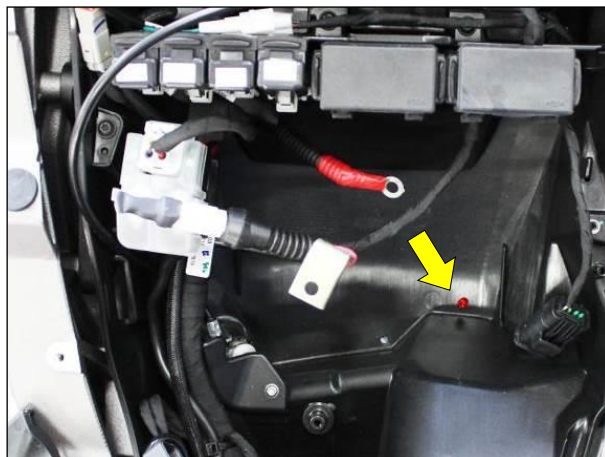


36) Place the battery into the battery compartment.



ATTENTION

Align the reference hole on rubber mount with the pin in battery compartment.





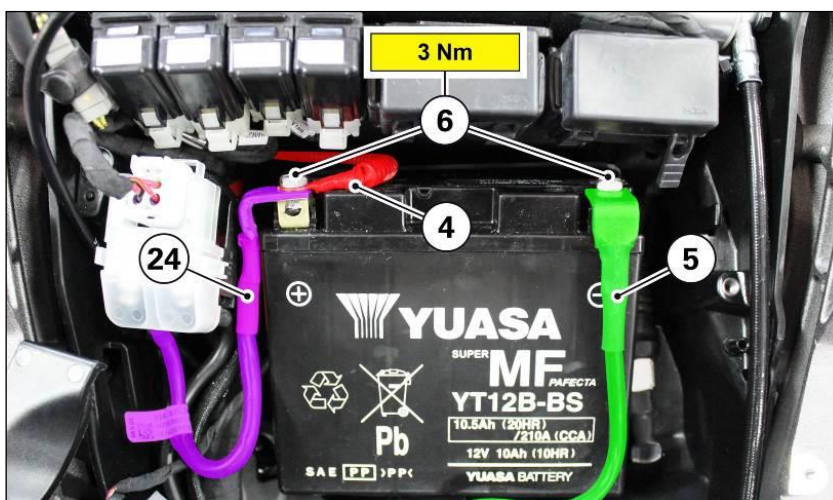
MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

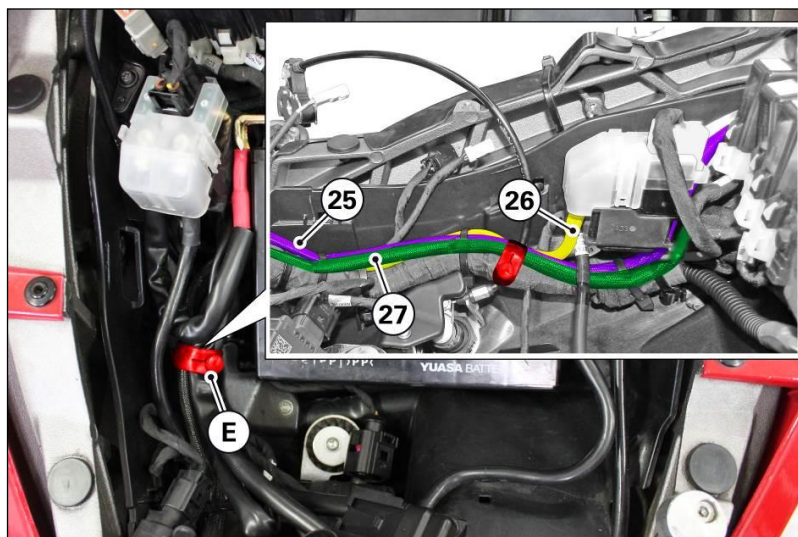
Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

- 37) Connect the new **battery positive cable (24)** and **ABS positive cable (4)** to battery positive terminal and **negative cable (5)** to negative terminal.
- 38) Tighten **2 screws (6)** to a torque of **3 Nm**.



- 39) Take **button tie L.62 (E)** from kit Part no.69928501A and tie the following cables to the main wiring rear branch:
 - generator cable (25);
 - starter motor / solenoid starter cable (26);
 - fuse cable (27).





MTS 1200 Starter Solenoid Connector Installation

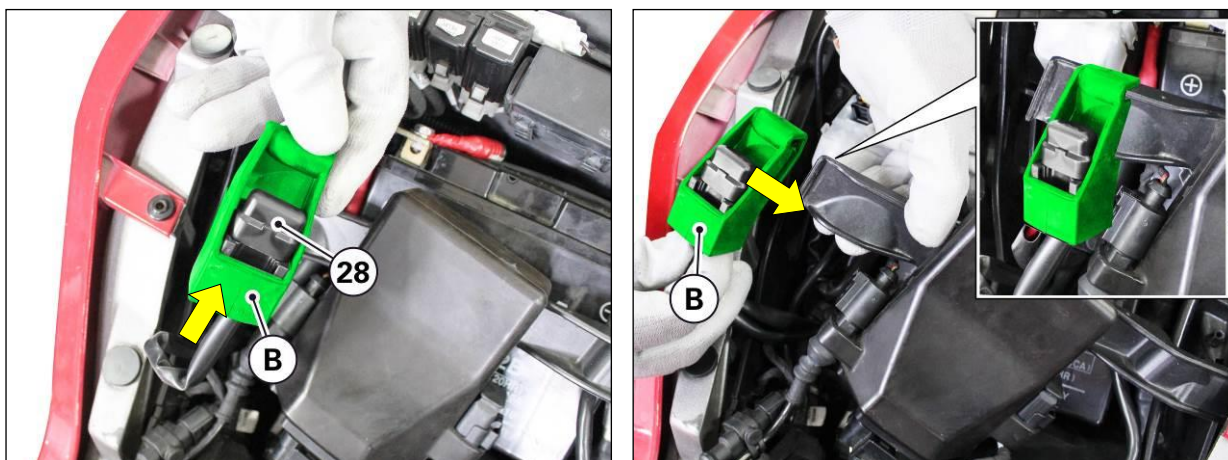
Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

40) Take **rubber fuse box (B)** from kit Part no.69928501A and insert **fuse box (28)** positioning it as shown in the figure.

41) Install **rubber fuse box (B)** on the BBS control unit/battery support bracket as shown in the figure.



42) Install the BBS control unit support bracket/battery and tighten **M5x0.8 retaining screw (1)** to a torque of **5 Nm ± 10%**.

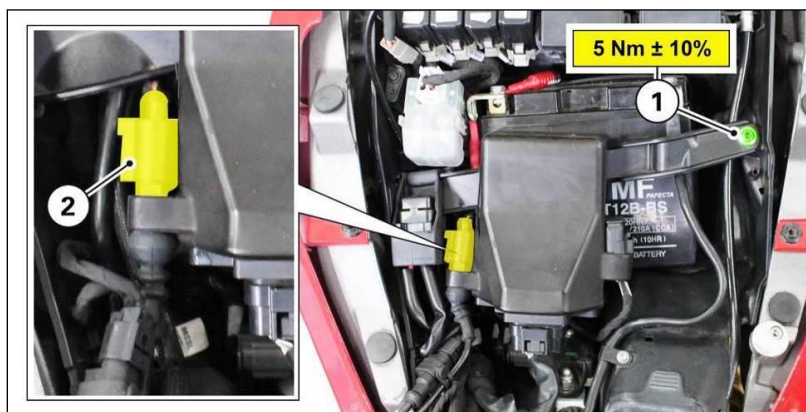


NOTE

For models:

- Multistrada 1200 Enduro
- Multistrada 1200 S

connect the rear shock absorber adjustment **connector (2)**.





MTS 1200 Starter Solenoid Connector Installation

Models: Multistrada 1200 M. Y. 2015-2017 (all model and country versions)

Multistrada 1200 Enduro M. Y. 2016-2018 (all country versions)

Electronic Service Bulletin SRV-ESB-18-001

43) Install rider seat and passenger seat.

44) Set date and time in the instrument panel

Warranty Reimbursement Rules

Reimbursement under warranty can only take place according to the criteria that follow:

- Bike is covered by warranty: it is possible to ask for both labor and component reimbursement for kit Part no.69928501A – Warranty request type **NORM**.
- Bike is not covered by warranty – *Original Owner*: it is necessary to check that the maintenance history of the bike is complete (mileage-related maintenance) and, if this is the case, request reimbursement of the kit Part no.69928501A and labor. – Warranty request type **GWIL**.
- Bike is not covered by warranty – *Non-original Owner*: it is necessary to check that the maintenance history of the bike is complete (mileage-related maintenance) and, if this is the case, request reimbursement of the kit Part no.69928501A (labor excluded) – Warranty request type **GWIL**.

Labor time that will be reimbursed for replacement of the solenoid starter connector with kit Part no.69928501A is **42 minutes (7LU)**; you can apply for a refund under warranty using the following labor codes:

Operation Code

3-999-079

Please direct any questions or concerns to your Service Area Manager.

Best Regards,

Richard Kenton

Technical Director, Ducati North America