

2015



**FULL POWER VERSION
ONLY FOR COMPETITION PURPOSE**

KIT FULL POWER SPARE PARTS

DESCRIPTION	QUANTITY	SPARE PARTS P/N
KIT FULL POWER, COMPLET	1	01840-NN4-406
• CAP AIR/C CASE	1	17212-NN4-000
• PROTECTOR EXH PIPE	1	18323-NN4-000
• RIVET BLIND 4.0	5	18326-NN4-G10
• PIPE COMP EXH	1	18330-NN4-G10
• CAP COMP END	1	18338-NN4-G30

SUBSTITUTION PROCESS

Air cleaner cover replacement.

- Remove the rear fender.
Remove the top and side screws.



- Remove the air cleaner cover.



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- Replace the air cleaner cover with the new cover (17212-NN4-000) supplied in the kit.



- Fasten the cover with the same screws.

Torque: 2 - 3 N•m (0,2 - 0,3 kgf•m)



Modifying the power curve

- Remove the fuel tank.
Remove the front screw.
Do not lift the tank.

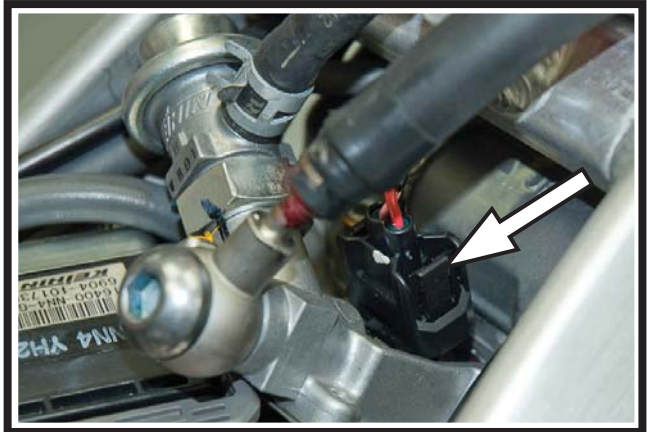


- Remove the fuel injector holder.



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- Disconnect the injector by pressing the clips on the sides.



- Disconnect the suction hose from the cylinder head.



Carefully lift the petrol tank, being careful not to pull abruptly as the fuel hoses are connected and could be damaged.



- Disconnect the fuel pump black connector (2P).



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- Remove the fuel tank.



- Remove the connectors from the protective cable cover.



- Disconnect the lights connector

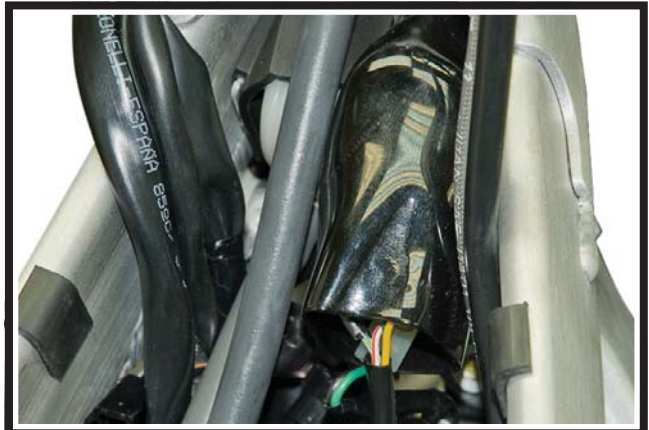
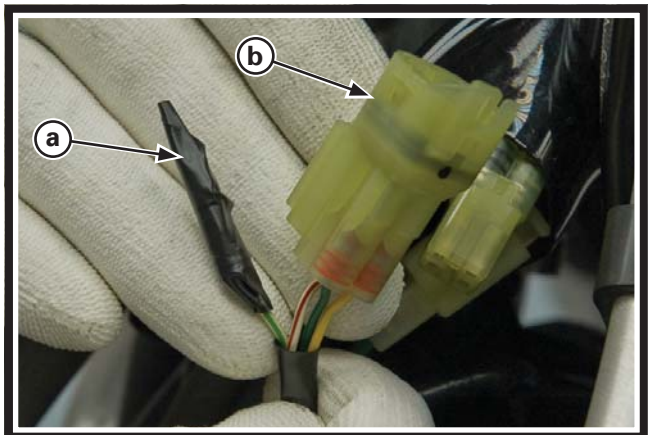
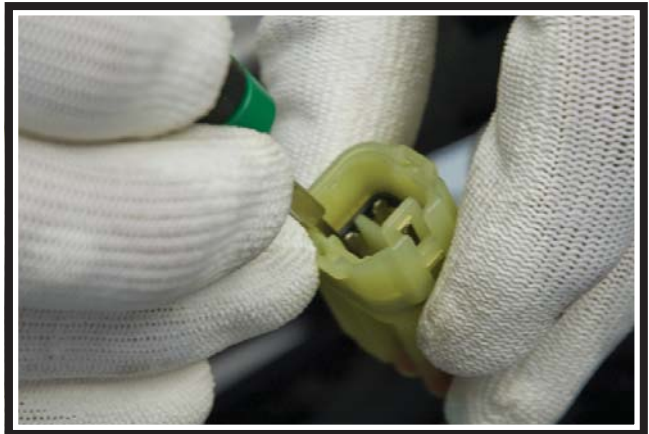


- Disconnect the WHITE / GREEN cable from the clamp.



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- Remove the wire by pressing on the inside of the connector using a wire remover.
- Completely remove the cable from the clamp and protect it with insulating tape (a).
- Reconnect the lights connector (b).
- Cover the connectors with the cable guard.



Muffler terminal replacement.

- Remove the protective cover from the muffler.



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- Remove the exhaust pipe clamp.



- Remove the silencer attachment bolt (a).
- Remove the muffler.



- Remove the five rivets on the muffler terminal.
Use a drill to remove the rivets.



- Insert the new muffler terminal (18338-NN4-G30) supplied in the kit.



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- Rivet the new muffler terminal with the five rivets (18326-NN4-G10) supplied in the kit.

Apply liquid gasket p/n:
08CRA-HLG-120G or equivalent



Removal of the exhaust pipe and O2 sensor

- Remove the upper clamp on the O2 sensor from the left hand side of the engine.



- Remove the coil to take off the O2 sensor cable



- Remove the cable from the O2 sensor



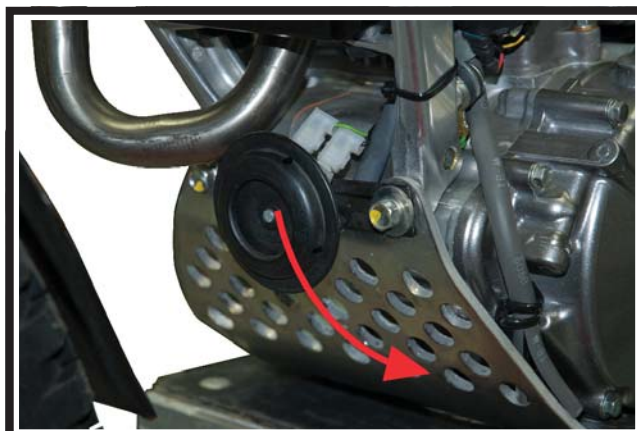
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- Refit the coil.

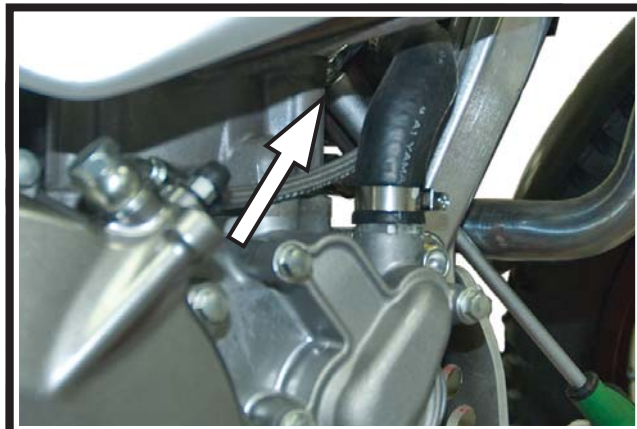
Torque: 10 - 14 N•m (1,0 - 1,4 kgf•m)



- Loosen the screw on the horn and move it to one side.
Leave it in a vertical position.



- Remove the nuts attaching the exhaust pipe to the cylinder head.



- Remove the manifold from the exhaust pipe together with the O2 sensor



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Removal of the fuel restriction washer

- Disconnect the taillights connector
- Loosen the filter casing intake flange.
- Remove and extract the filter casing
- Remove the breather hose from the filter casing.



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- Disconnect the ECU connector wires.



- Remove the insulator.
Loosen the screws on the fastening flange and remove the insulator by carefully moving the injector casing.



- Remove the lock washer located on the insulator on the part connected to the injector casing.
- Fit the insulator.
- Fit the ECU casing
- Connect the ECU connector.



- Fit the filter casing.

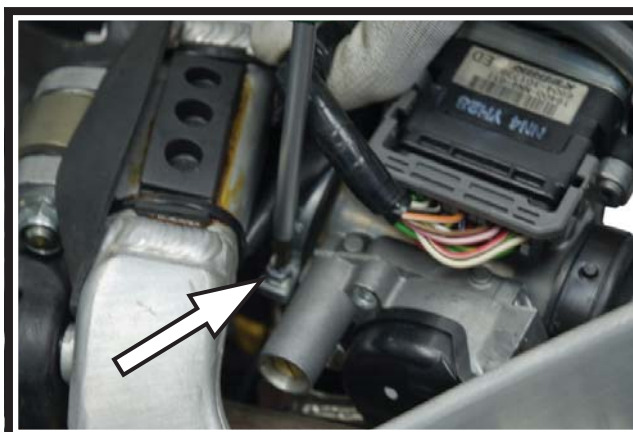
Torque: 10 - 14 N•m (1,0 - 1,4 kgf•m)

- Connect the breather tube in the filter casing.



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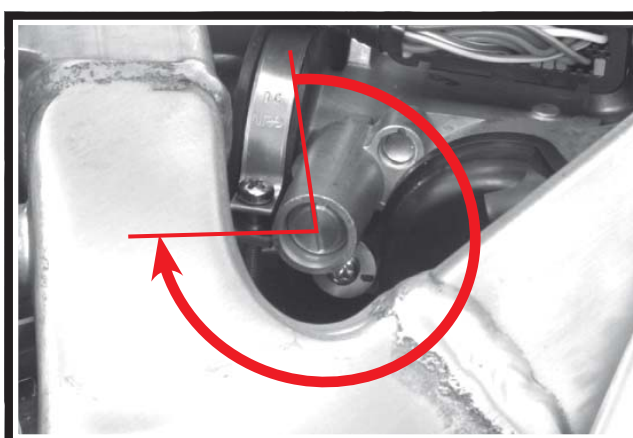
- Tighten the filter casing intake flange.



- Adjust the engine idle speed.
Turn the idle screw by approximately $\frac{3}{4}$ of a turn to the right.
The engine must be warm for an accurate idle inspection and adjustment.

Idle speed:

$1,800 \pm 100 \text{ min}^{-1} (\text{rpm})$



- Fit the fuel tank.
When fitting the tank, be sure to place tubes and cables in the right places.
- Ensure the injection pump/tank suction hose passes properly under the gas wire.
- Connect the fuel pump black connector 2P.



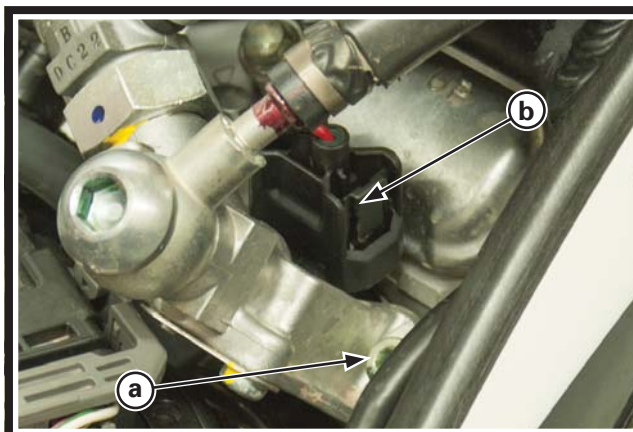
- Fit the fuel holder (a).

Torque: $8 - 12 \text{ N}\cdot\text{m}$ ($0,8 - 1,2 \text{ kgf}\cdot\text{m}$)



Ensure that the injector O-ring is in the correct position.

- Fit the injector connector (b).



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- Position the wires and tubes correctly.

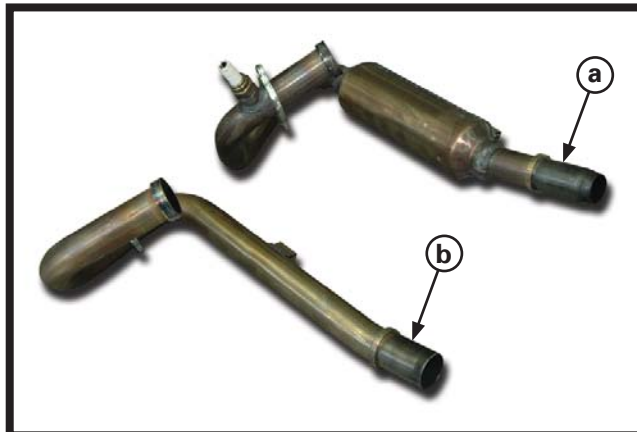


- Connect the suction hose to the cylinder head.



Exhaust pipe and exhaust protector assembly.

- Replace the exhaust pipe manifold (a) with the new manifold (b) (18330-NN4-G10) supplied in the kit.



- Fit the manifold.

Torque: 10 - 14 N•m (1,0 - 1,4 kgf•m)

- Fit the exhaust pipe manifold guard (18323-NN4-000) supplied in the kit.

Torque: 8 - 12 N•m (0,8 - 1,2 kgf•m)



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- Place the horn in position (horizontal) and tighten the screw.

Torque: 24 - 30 N•m (2,4 - 3,0 kgf•m)

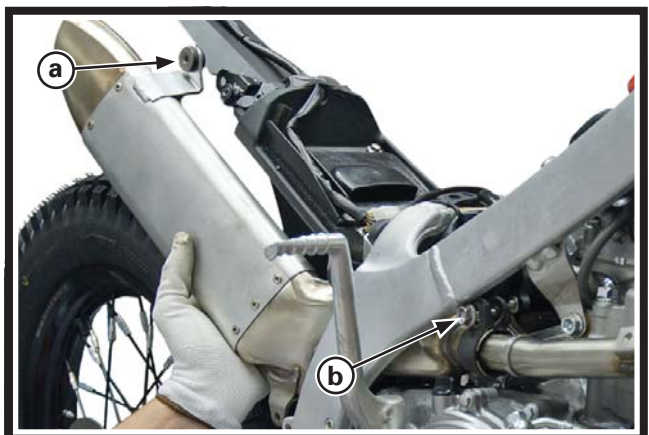


- Fit the exhaust muffler.
- Fit the mounting bolt (a).

Torque: 10 - 14 N•m (1,0 - 1,4 kgf•m)

- Tighten the exhaust pipe bracket bolt (b).

Torque: 18 - 24 N•m (1,8 - 2,4 kgf•m)



- Fit the protective cover from the muffler.

Torque: 10 - 14 N•m (1,0 - 1,4 kgf•m)



- Fit the rear fender.

Torque: 8 - 12 N•m (0,8 - 1,2 kgf•m)



