# ZT350-GK

## Service manual

2022/08/05

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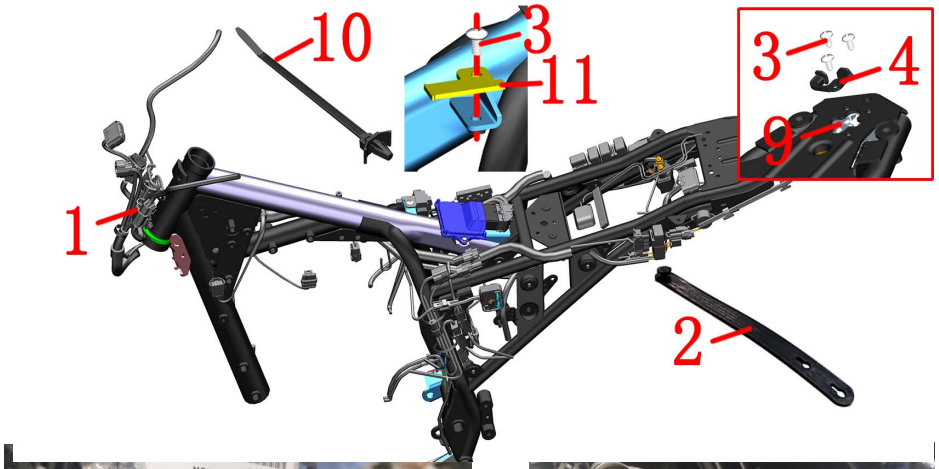
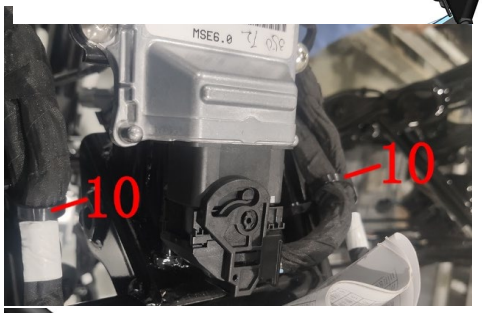
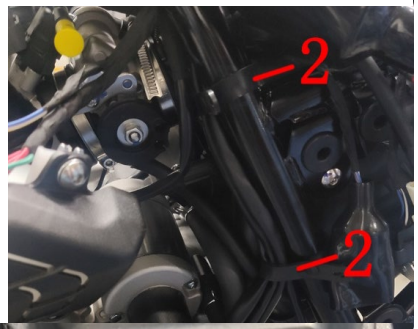
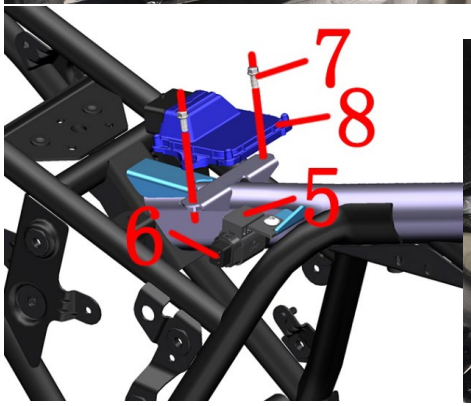
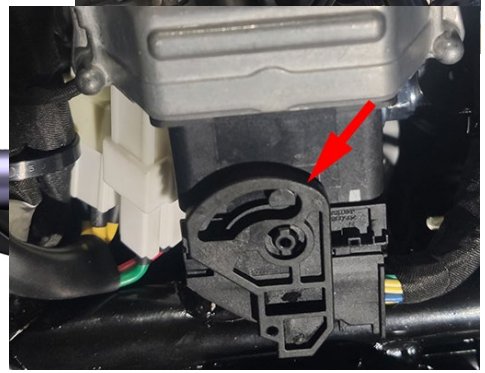
All the information, illustrations and photographs collected in this manual are compiled according to the latest products. However, there may be some inconsistencies between your motorcycle and this manual due to the continuous improvement of the product and other changes.



| Fig.1 FRAME&ELECTRONIC COMPONENT | | Electronic parts COMPONENT 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1184300-027000 | ZT350-GK Harness components-A | 1 | |
| 2 | 1244200-139000 | ZT310 Rubber buckle(120mm) | 2 | |
| 3 | 1251100-101000 | Non-standard bolt M6×12（304 stainless steel） | 4 | |
| 4 | 1224200-205000 | ZT310 electronic cushion lock guide block | 1 | |
| 5 | 1244100-082000 | ZT250－S Dump switch rabber | 1 | |
| 6 | 1184100-002000 | ZT250－S Dump switch | 1 | |
| 7 | 1250104-006097 | GB16674M6×12 (chromed/HH) | 2 | |
| 8 | 1050958-014000 | MSE6.0 controller-ZT184MP (Euro 5) | 1 | Bosch EFI |
| 9 | 1274100-058000 | ZT310 Seat lock | 1 | |
| 10 | 1224100-030000 | Pin tie (Black 4.8×130） | 2 | |
| 11 | 1274300-034000 | ZT350-GK dump switch support | 1 | |

PROCEDURE:

●Dump switch

Remove the rubber sleeve(5) that connects to the mounting bracket on the frame, and remove the dump switch (6).

●ECU

Locate and losen the rubber buckle(2) and Pin tie(10).

Take off the ECU plug,After pressing the anti release buckle,rotate the ECU cable plug clockwise and pull it out.

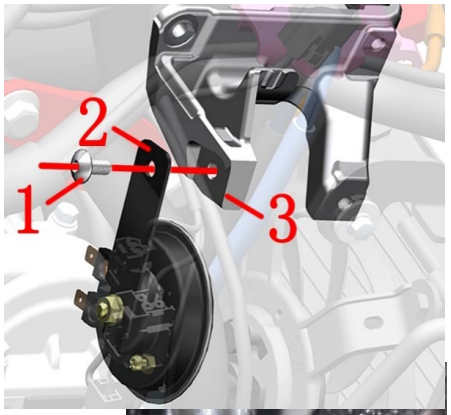
Remove the bolt(7) on the frame with a 8# sleeve, and then remove the ECU(8) .

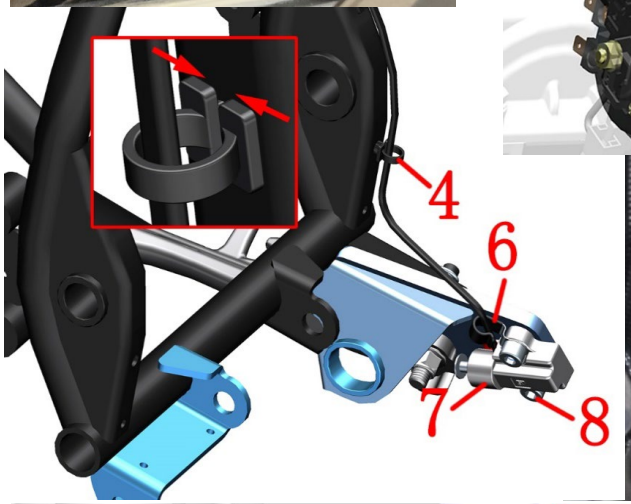
CAUTION：

●It must be dismantled them first, such as the cushion, fuel tank component,sider cover, tail dress and so on.

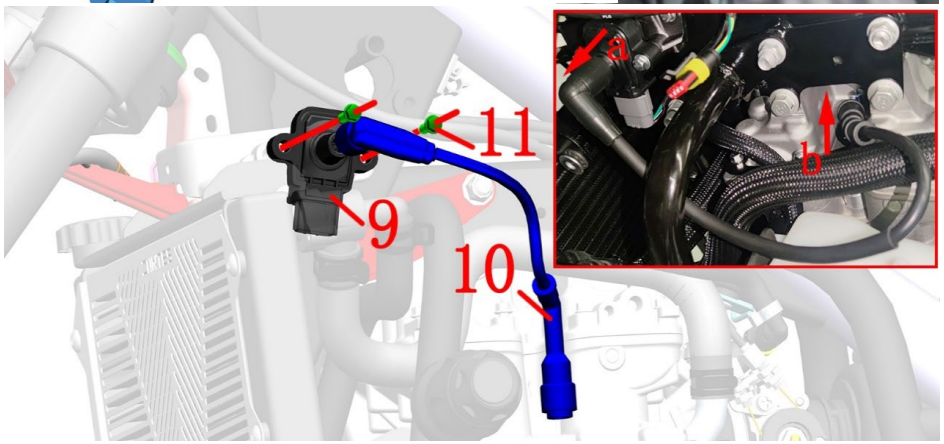
●In order to avoid the improper contact of the bending electrical parts, please pay attention to the direction and angle of force when plugging the electrical parts, so as to avoid the improper contact of the bending electrical parts. No violent operation.

●Please notice the limit of the bracket when dismantling dump switch sleeve, beware of hurting your fingers.









| Fig.2 FRAME&ELECTRONIC COMPONENT | | Electronic parts COMPONENT 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 2 | 1184200-004000 | ZT310 Horn | 1 | |
| 3 | 4024300-023051 | ZT350－GK Water tank upper bracket (dark gray matte) | 1 | |
| 4 | 1274100-017000 | ZT250－S Cable clip | 2 | |
| 5 | 1244200-139000 | ZT310 rubber buckle (120mm) | 1 | |
| 6 | 1274100-095000 | ZT250－S Holder of flameout switch cable | 1 | |
| 7 | 1184100-012000 | ZT250－S Flameout switch | 1 | |
| 8 | 1250205-040095 | GB70.1 inner hex bolt M8×16（color Zinc） | 2 | |
| 9 | 1050958-006000 | ZT350 Ignition coil | 1 | |
| 10 | 1050958-007000 | ZT350 EFI high voltage line | 1 | |
| 11 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 2 | |
| 12 | 1224100-037000 | 0 level antiflaming binding（black 3.6×295） | 1 | |

PROCEDURE:

●Horn

Take off the plug of horn, hold the horn(2) by one hand use 8# sleeve remove bolts (1) by another hand,then take off the horn(2).

●Shut down switch

Find and take off the plug of the shut down switch(7);press the Cable clip(4) inward in the reverse direction of the arrow in the figure and pull it out;Cut the tie(12).Using 6# inner hexagon socket remove 2pcs bolts(8) then take off shut down switch(7) and bracket(6).

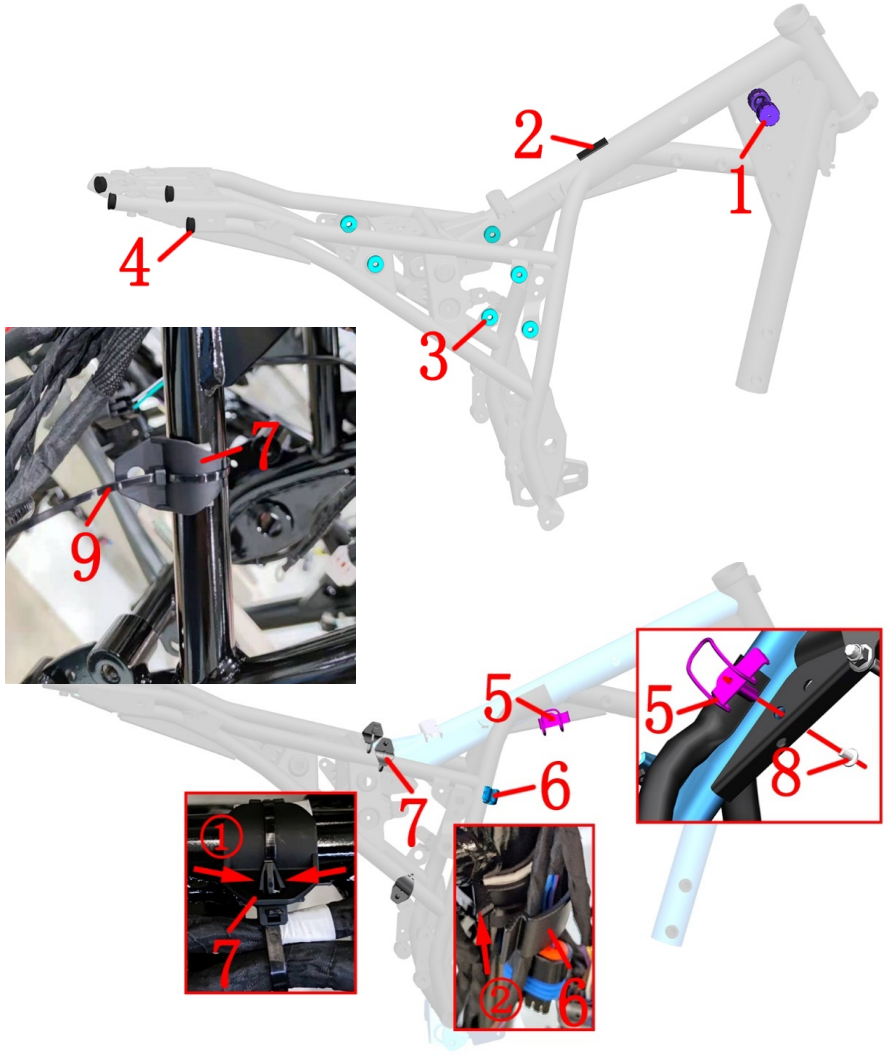
●Ignition coil

Find and remove the ignition coil(9).Take off the rubber buckle(5), plug,pull out the EFI high voltage line in the direction indicated by the arrow "a" "b" ,remove the EFI high voltage line(10); after holding the ignition coil then using 8#sleeve remove bolts (11),remove the ignition coil(9).

CAUTION:

●When take off the plug can't drag any cable.

●Pay attention to the force when removing the buckle to prevent damage to the buckle.




| Fig.3 FRAME&ELECTRONIC COMPONENT | | Frame plastic parts | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1241200-044000 | KD150－U Inner fuel tank fix glue cushion | 2 | |
| 2 | 1240300-007000 | HJ125－6 battery cushion | 1 | |
| 3 | 1244100-002000 | ZT250－S side cover cushion | 6 | |
| 4 | 1244100-061000 | ZT250 Frame water proof rubber plug | 4 | |
| 5 | 1274300-066000 | ZT350－GK main cable bracket | 1 | |
| 6 | 1224300-055000 | ZT350－GK Fuse box clip | 1 | |
| 7 | 1224300-057000 | ZT350－GK Harness buckle seat(Frame tube) | 3 | |
| 8 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 9 | 1224100-037000 | 0 level antiflaming binding（black 3.6×295） | 3 | |

PROCEDURE：

●Fuel tank liner limit glue

Push out the fuel tank liner limit glues(1) then take off.

●Battery cushion

Put off the battery cushion (3)directly by hand.

●Side cover cushion

Remove the side cover cushion(2)with your hand directly.

●Frame waterproof rubber plug

Remove the 6pcs frame waterproof rubber plugs (4)with your hand directly.

●Buckle

Remove the bolt (8) with 4# hexagon socket ,remove main cable bracket (5).

Press and hold the position indicated by the arrow ① to pull out the buckle, cut the tie(9), and take off the harness buckle seat(7).

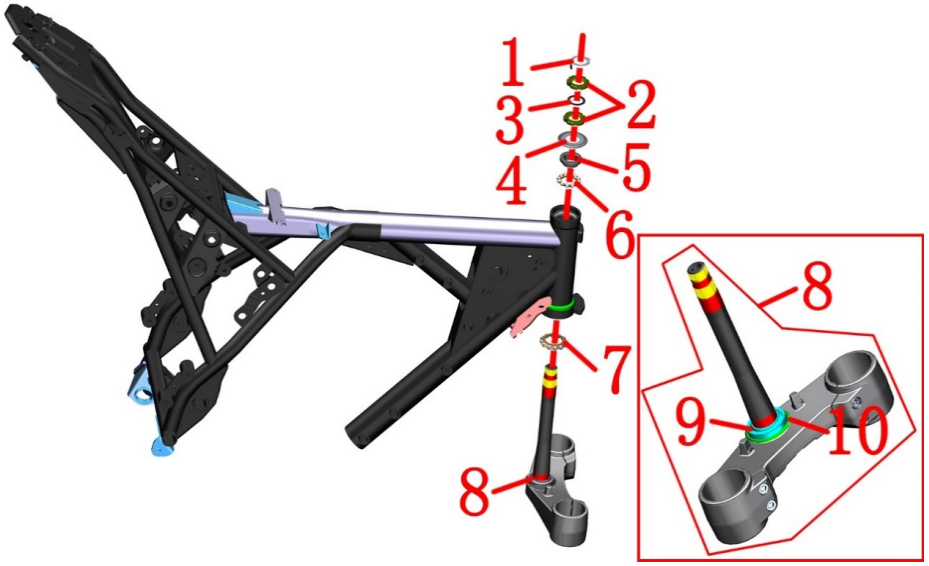
Buckle up according to the position indicated by the ② arrow and open the clamp(6).

CAUTION:

●It must be dismantled them first, such as the cushion, fuel tank component, sider cover,water tank outer cover, upper hanging piece,engine stail dressand so on.

●All parts should be correctly assembled.

●In order to avoid the improper contact of the bending electrical parts, please pay attention to the direction and angle of force when plugging the electrical parts, so as to avoid the improper contact of the bending electrical parts. No violent operation.




| Fig.4 FRAME&ELECTRONIC COMPONENT | | Directional column component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1134100-007000 | ZT250－S Rating nut lock washer | 1 | |
| 2 | 1251300-046093 | ZT250－S Steering column rating nut (color zinc) | 2 | |
| 3 | 1244100-015000 | ZT250－S Rating nut glue cushion | 1 | |
| 4 | 1244300-014000 | ZT350－R Steering stem dust cap (Up) | 1 | |
| 5 | 1130900-024000 | ZT250－S shaft ring | 1 | |
| 6 | 1130900-022000 | ZT250－S conjoined steel ball | 1 | |
| 7 | 1134300-002000 | ZT350－R conjoined steel ball | 1 | |
| 8 | 4094300-002051 | ZT350－RLower connection board (dark gray matte/including shaft ring) | 1 | |
| 9 | 1134300-003000 | ZT350－R lower shaft ring | 1 | 【1】 |
| 10 | 1244300-015000 | ZT350－R steering stem dust cap(down) | 1 | |

CAUTION：

●Remove the head part component, handlebarcomponent and front shock absorber component first.

●Please pay attentin to fix the awaiting repair motorcycles during disassembly,prevent dumping by accident.

●Please check whether the steel beads of the conjoined body have abnormal phenomena such as partial abrasion and rust.If YES, please buy the regular accessories on ZONTES official website, if not, please be sure to grease the old grease and repaint the lubricating grease on it.

●It must be to check whether the steel ball is available during reassembly.

●It must be reasonable to adjust the steering, too loose will cause the locomotive to brake slightly, and the locomotive will shake slightly, too tight can lead to inflexibility, resulting in safety hazards.

●If you have the ability and the right tool, you can change the shaft ring (9) and the dustproof cover (10).During the replacement process, pay attention to the protection of the lower connected plate. After replacement, it must be to check the parallelism of the column and the damping hole, the vertical degree of the vertical column and the lower connected plate.

●【1】the down connected plate (selfmade/with blowout patch) component(8), has been contains the Steering column down dustproof cover lower shaft ring(9)and steering stem dust cap(down)(10).

PROCEDURE:

●Dissembly

Remove the lock washer(1).

Remove the top adjusting nut (2) by using a special four-jaw or hook wrench tools.

Remove the rubber pad (3).

With one hand to hold down the down connected plate assembly (8), the other hand use a special four-jaw set or hook wrench to remove the adjusting nut(2).

Remove the down connected plate component(8).

Remove the upper dustproof cover(4).

Remove the shaft ring (5) and the steel ball(6).

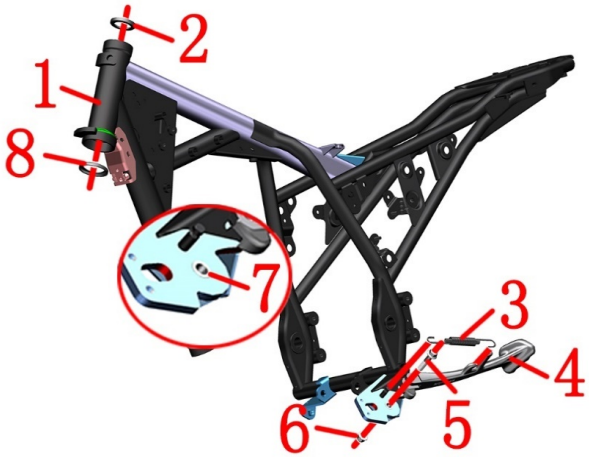
Remove the steel ball(7) of the down connected plate component(8).

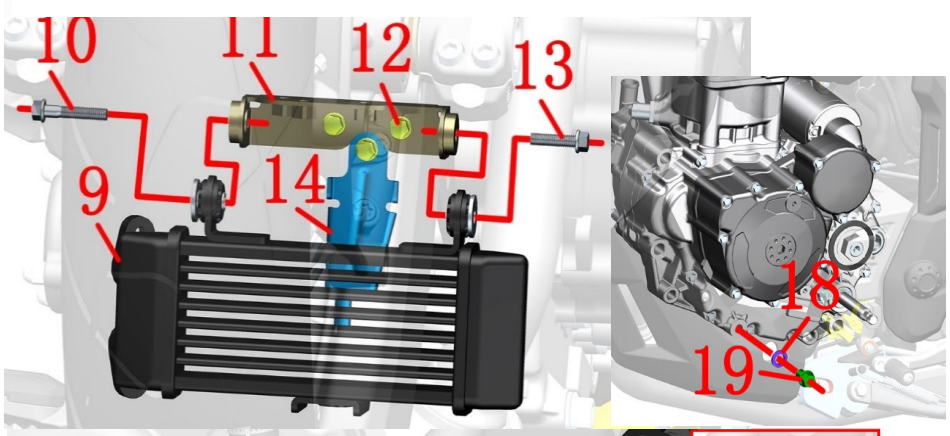
●Assemble

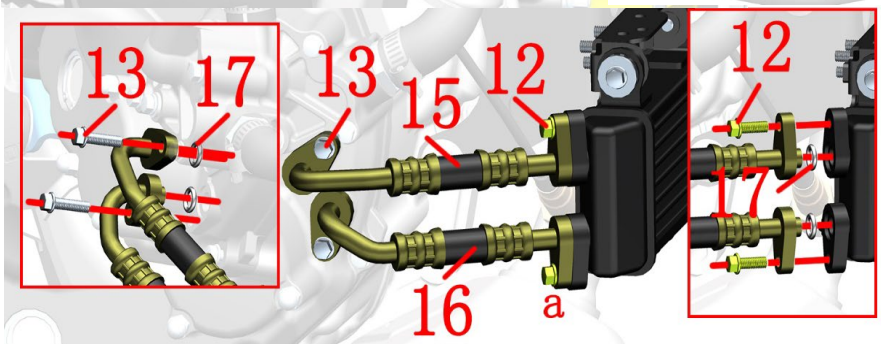
When reassembling, the conjoined steel ball should be painted lubricating grease,attention to the dosage.

The torque of rating nut which closes to upper dustproof cover is required to about 14N·m.So as to be able to rotate out of nimbleness.

The upper adjustment nut only needs to be screwed to the bottom nut groove, and should not be too tight to prevent the rubber pad (3) from being deformed too much.




| Fig.5 FRAME&ELECTRONIC COMPONENT | | Frame, Side support, the operation of releasing engine oil | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4014300-019000 | Frame after-sales assembly(with seat / nameplate/Europe Ⅴ) | 1 | |
| 2 | 1130900-026000 | ZT250－S upper steel bowl | 1 | After-sale |
| 3 | 1264100-001000 | ZT250－S Side support spring | 1 | |
| 4 | 1271200-165000 | ZT310－T side bracket (short / dark gray) | 1 | |
| 5 | 1251300-057093 | Non-standard bolt M10×1.5（dacromet） | 1 | 45±5N.m |
| 6 | 1251100-088094 | Non-standard bol M10×1.5×43（dacromet） | 1 | |
| 7 | 1251700-025091 | ZT250－S Side support bush | 1 | |
| 8 | 1134300-001000 | ZT350－R lower steel bowl | 1 | After-sale |
| 9 | 1274300-022000 | ZT350 Oil cooler | 1 | |
| 10 | 1251112-002093 | M6×30 Hexagon flange bolts (color zinc) | 1 | |
| 11 | 1274300-036000 | ZT350－R Oil cooler upper bracket | 1 | |
| 12 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 5 | |
| 13 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 3 | |
| 14 | 1274300-037000 | ZT350－R Oil cooler lower bracket | 1 | |
| 15 | 1244300-008000 | ZT350－GK Engine inlet pipe | 1 | |
| 16 | 1244300-007000 | ZT350－GK Oil outlet pipe of engine | 1 | |
| 17 | 1051454-025000 | 9.8×2. 4 Hydrogenated nitrile rubber O-ring | 4 | |
| 18 | 1244100-033000 | Combined sealing gasket12×φ20×2 | 1 | |
| 19 | 1251100-066093 | M12×1.5×15 Ablassschraube（color zinc） | 1 | 24±4N.m |

PROCEDURE:

●Checking the steel bowl

Checking whether the steel bowl (2)and(8) is frayed, if as it, please replace it. Fix the cushion loop well and paint the lubricating grease on it with appropriate tool.

●Realease the oil cooler enging oil

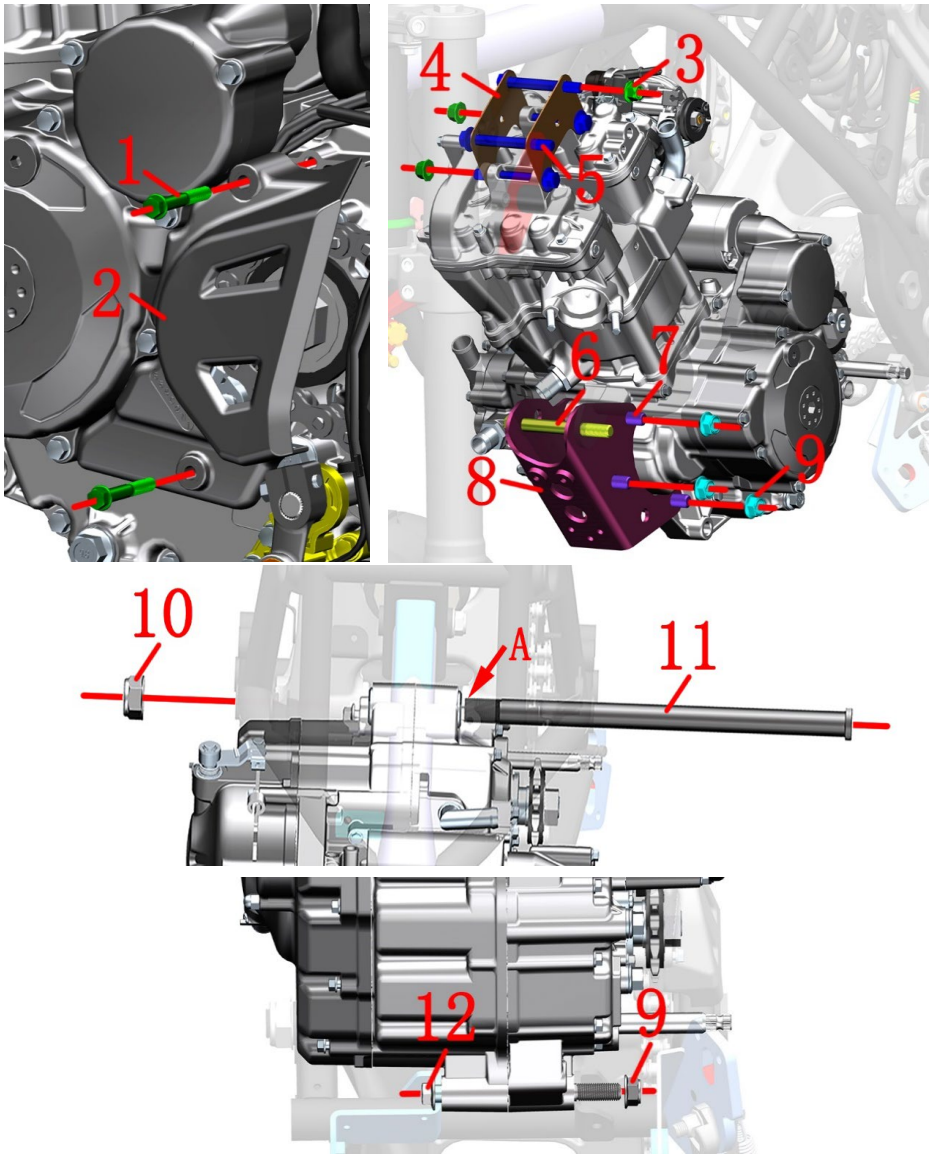
Put the oil pan at the bottom, use 14# sleeve remove the oil bolts(19) and the sealing gasket(18), and remove the oil from the oil cooler,then using 8#sleeve remove the bolt(12) and acrylic o-ring(17) at "a",straighten the car,allow the oil in the oil cooler to drain;using 8#sleeve remove the bolts (12)and(13),remove the pipes (15)and(16)、 acrylic o-ring(17). Refer to the instructions for detailed steps to replace the oil. It is recommended that the engine oil should be replaced with oil bolt(19) and sealing gasket (18) to prevent oil leakage.

●Oil cooler

Using 8# sleeve remove the bolts (10)and(13),remove the Oil cooler.Using 8#sleeve remove the bolts(12),remove the brackets (11)and(14).

●Sider support

Using the cross screwdriver to remove the side support spring(3), using 14#sleeve or plum blossom wrench remove the nut (6) and then remove bolt (5) . Remove the side support (4) and bush(7), paint the lubricating grease on the bush(7) when re-assembling ,then put it into the frame(1).




| Fig.1 FRAME & ENGINE COMBINATION | | Engine combination | CHK ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251112-003093 | M6×45 hexagon flange face 9.8 bolt (color zinc) | 2 | 10N.m |
| 2 | 4050854-002051 | ZT310-R engine left rear cover (dark gray) | 1 | |
| 3 | 1251300-057093 | Non-standard nut M10×1.5（dacromet） | 3 | 65±5N.m |
| 4 | 1274300-082000 | ZT350－R Upper hanging piece (outside association) | 2 | |
| 5 | 1251100-060000 | Non-standard bolt M10×1.5×90 | 4 | |
| 6 | 1251112-023000 | GB5787 Non-standard bolt M12×1.25×95 (10.9/Dacromet) | 1 | |
| 7 | 1251112-019000 | Non-standard boltM12×85(10.9级/dacromet) | 3 | |
| 8 | 4024300-001000 | ZT350－GK bracket | 1 | |
| 9 | 1250305-009091 | GB6187.1 M12×1.25（White zinc） | 4 | |
| 10 | 1251300-067000 | ZT250－R Rear wheel hollow shaft nut | 1 | |
| 11 | 1252200-040000 | ZT310-R Lrear flat fork hollow shaft Φ20×315 | 1 | |
| 12 | 1251100-262000 | Non-standard bolt M12×1.25×127（dacromet） | 1 | |

PROCEDURE:

Remove bumper assembly rear,re insert the bolt connecting the guard bar with the hanger and bracket.

●Engine left rear cover

Using 8# sleeve remove the bolt (1) disassemble the rear cover(2).

●The middle part of the engine is connected with the frame and the rear fork

Using 14# sleeve fix the head of the bolt (5) at the upper hanging piece, and using 14# plum wrench remove the nut (3). Only disassemble the nut and other parts cannot be disassembled.First Using 14# sleeve fix the head of the bolt (7) at the bracket(8), then using 17# plum wrench remove the nut(9).Using 14# sleeve fix the head of the bolt (12) at the lower part of the engine , and using 17# plum wrench remove the nut(13). Don't remove the bolts(5)、(7)、(12)、Upper hanging piece (4).

●Disassemble the engine

First using 24# open ended spanner fix the head of the rear fork shaft (11), and using 30# plum wrench remove the nut (10).One person shakes the rear fork assembly slightly and one pulls the rear fork shaft(11) to "A" .Both of them hold the engine left and right crankcase at the same time; one person disassembles the bolts(5) , take out the hanging piece (4).Disassemble the bolts (6)and(7) and brackets(8) above the front bracket.Finally remove the bolt(12) at the lower part of the engine. Hold the engine to move to one side and pay attention to safety during the movement. Place the engine smoothly on the ground.

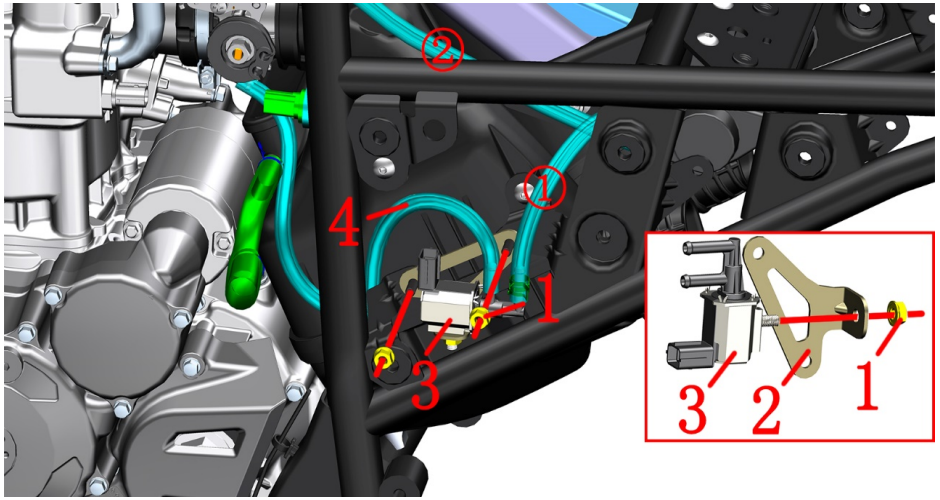
CAUTION：

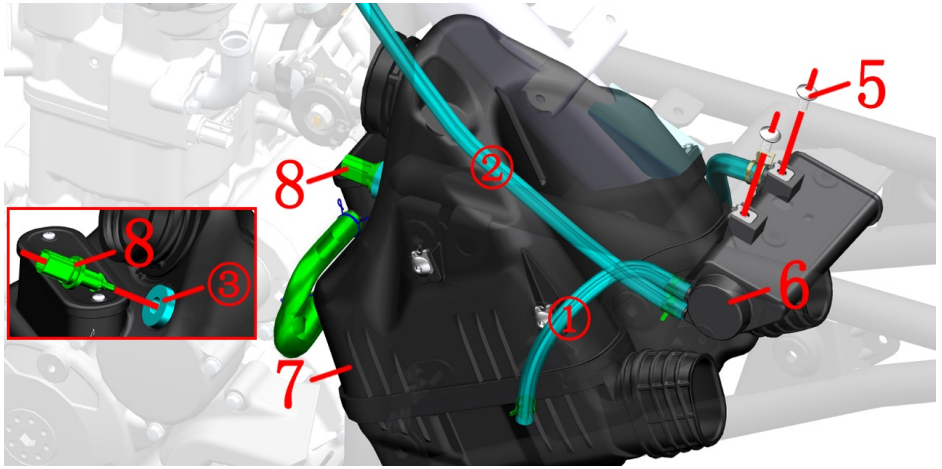
●It is necessary to remove the seat cushion, fuel tank, side cover, pedal support, wind deflector,lower shroud component,shift lever, muffler, radiator and pipe, cable, air filter joint, chain, positive wire of the motor., etc.

●The coolant should be drained before disassembly.

●The waste oil needs to be collected and returned to qualified institutions. It is forbidden to dump and pollute the environment and the source of water.

●All standard parts must meet the standard torque value when reassembling, and refill the engine oil according to the operation instruction.




| Fig.1 INDUCTION SYSTEM COMPONENT | | Maintain the filter element of the air filter | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250303-010093 | GB6177.1M6（color zinc） | 3 | |
| 2 | 1274300-038000 | ZT350－R electromagnetic valve bracket | 1 | |
| 3 | 1050954-009000 | YH Carbon tank electromagnetic valve | 1 | |
| 4 | 1244200-117000 | ZT44 Throttle Valve Decoupling Rubber Tube (Φ6×Φ10×L420+Φ9 pipe clamp ×2) | 1 | |
| 5 | 1050958-015000 | Non-standard bolt M6×12 (304 stainless steel) | 2 | |
| 6 | 1224300-069000 | ZT350－R Carbon tank(with fuel conduit) | 1 | |
| 7 | 1224300-002000 | ZT350－T Air filter | 1 | |
| 8 | 1050961-004000 | Air filter intake air temperature sensor | 1 | |

PROCEDURE:

●Air filter intake air temperature sensor

Remove the Air filter intake air temperature sensor(7)on the air filter(8).If the sealant③ falls off when pull out the sensor(7),plug it back to the original position

●Carbon tank electromagnetic valve

Find and remove the Carbon tank electromagnetic valve plug.

Loosen the hoop and pull out the pipe ① and (4),remove the pipe(4).Then use 10# sleeve remove the nut (1),remove the electromagnetic valve(3) and bracket(2).

●Carbon tank

Pull the oil pipe② connecting the fuel tank on the carbon canister out of the fuel tank.

Using 4# inner hexagon socket remove the bolts(5),remove the carbon tank(6).

●Check whether the temperature sensor is damaged

Remove the temperature sensor from the air filter and place it in the ambient temperature (20 ～ 30 ℃), and use a multimeter to check whether the resistance of the two pins is between 2726 ～ 1770 Ω.

●check the carbon canister solenoid valve

In case of poor engine performance; Poor idle speed; If the air-fuel ratio is incorrect, check the carbon canister solenoid valve.

Use a multimeter to measure the resistance between the two inserts of the carbon canister solenoid valve plug, which should be 35 ± 2 Ω, otherwise the solenoid valve fault can be judged.

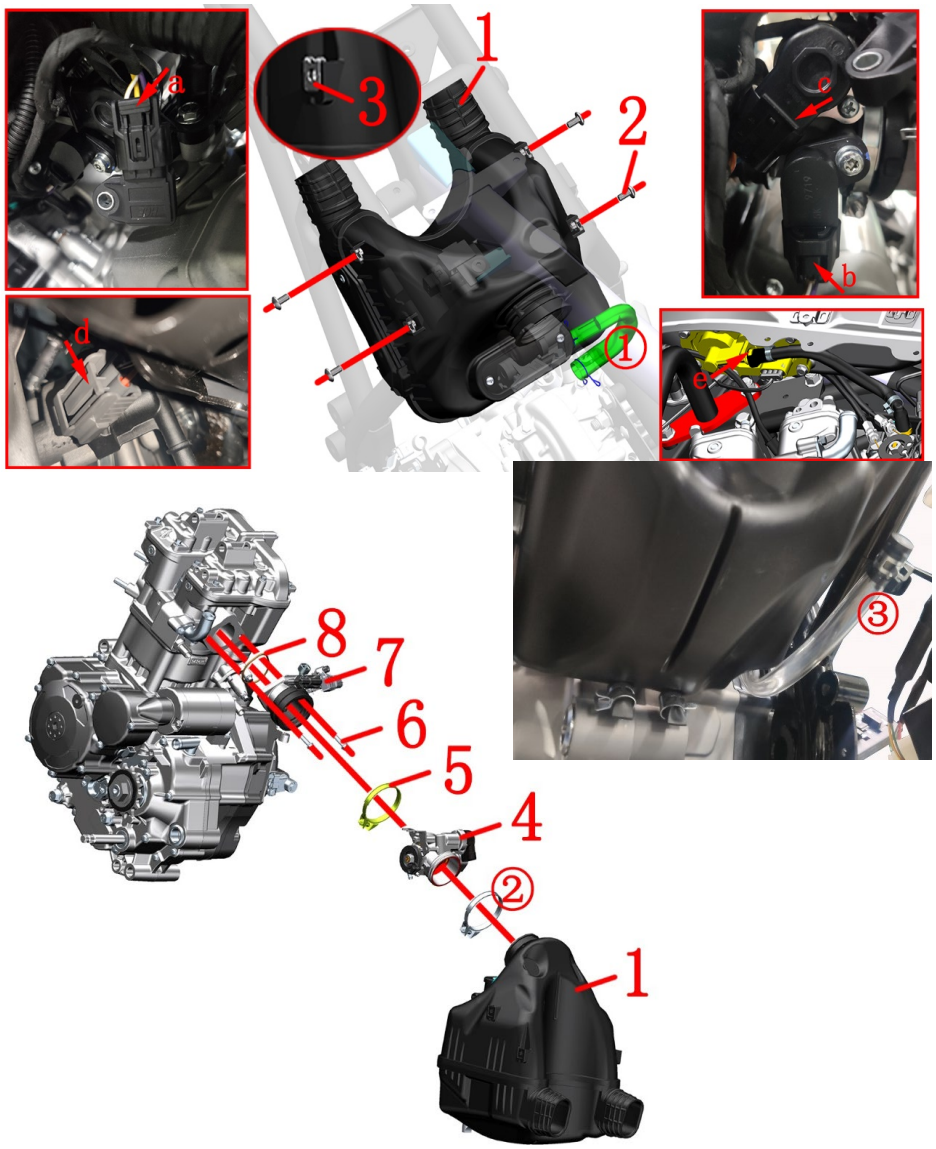
CAUTION:

●First it need to remove the cushion,side cover,rear shock absorber and electrical device box etc.

●Regularly check whether the filter element of the carbon tank and air filter is not ventilated, otherwise it may cause the oil supply to affect the driving experience.

●It should be no crimp, entanglement and other phenomena.

●The two oil pipes of the carbon canister solenoid valve must not be connected incorrectly.




| Fig.2 INDUCTION SYSTEM COMPONENT | | The air filter assembly | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224300-002000 | ZT350－T Air filter | 1 | |
| 2 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 4 | |
| 3 | 1251300-063093 | Plywood M6×11×15（Environmental protection） | 4 | |
| 4 | 1050958-001000 | ZT44 Throttle body part (position sensor) | 1 | |
| 5 | 1051354-004000 | Φ56×10 Hoop assembly | 1 | |
| 6 | 1251100-061093 | M6×22 Hexagon flange bolt（color zinc） | 2 | |
| 7 | 1050958-003000 | ZT184 MP Intake pipe assembly | 1 | |
| 8 | 1051454-016000 | 45×2.5 Fluorine rubber O-ring | 1 | |

PROCEDURE:

Press the snap pointed by the arrow "a","b","d" and pull out the plugs of External intake air pressure sensor、three-in-one sensor、 Fuel injector.Press the snap pointed by the arrow "c" and pull out the stepper motor connector.Press "e" the clip pointed by the arrow and pull it out,use the same method at the other side.Remove the high pressure tubing. Loosen the clip③ in the drawing.

●Air filter

Loosen the hose clamp assembly ② come with the air filter, clamp the clamp come with the exhaust pipe with pliers and pull out the exhaust pipe connected to the exhaust port of the engine, and then use the rubber plug that was delivered with the bike. Plug it well to prevent foreign matter from entering and damaging the engine.

Using 4# inner hexagon socket remove the bolt(2), Air filter and splint nut (3).

●Throttle valve assembly

Find and remove the Throttle valve assembly plug.Remove the throttle line.

Using 8# sleeve to remove the bolt (6) and remove the throttle valve assembly.

●Check whether the external intake pressure sensor is damaged

Loosen the connector and check whether the pin is skewed or broken. The vehicle is connected to the diagnostic instrument without ignition. Check the engine parameters to see whether the pressure parameters are consistent with the local atmospheric pressure.

●Check whether the fuel injector is damaged

Remove the manifold without loosening the plug of electrical parts. Press the ignition button to check whether the two beams of oil mist emitted by the fuel injector are uniform.

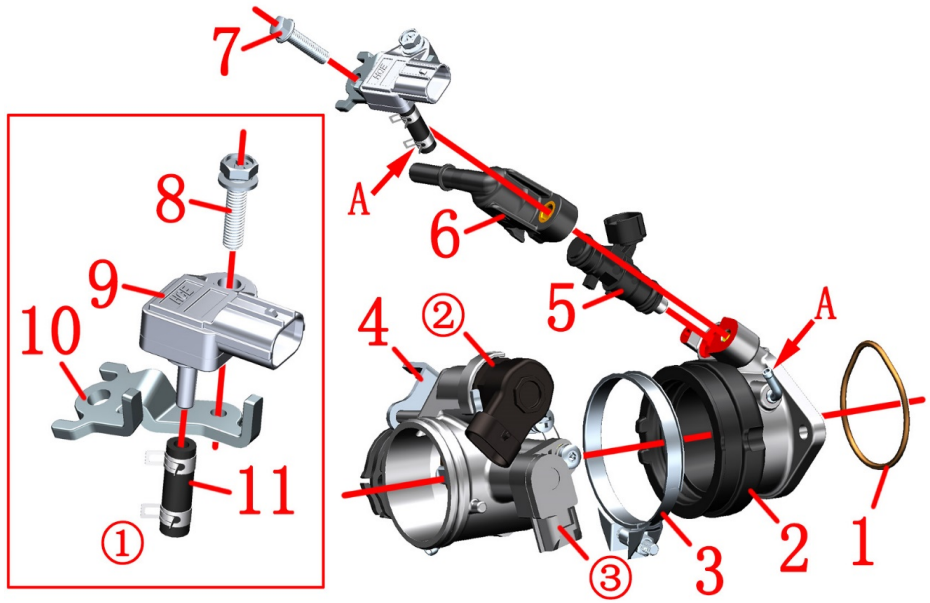
CAUTION:

●First it need to remove the cushion,side cover,oil tank component,rear shock absorber and electrical device box etc.

●Pay attenion to force when removing clamp.

●Fireworks, answering or dialing should be strictly prohibited near the car-breaking site to prevent accidents.

●When removing the high pressure oil pipe,It is sure to operate until the engine and muffler are completely cooled.




| Fig.3 INDUCTION SYSTEM COMPONENT | | Throttle valve body component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1051454-016000 | 45×2.5 Fluorine rubber O-ring | 1 | |
| 2 | 1050958-003000 | ZT184 MP Intake pipe assembly | 1 | |
| 3 | 1051354-004000 | Φ56×10 Hoop assembly | 1 | |
| 4 | 1050958-001000 | ZT44 Throttle body part component (position sensor) | 1 | |
| 5 | 1050954-023000 | EV14 Fuel injectorG48 | 1 | |
| 6 | 1050970-002000 | ZT1P72MN injector holder | 1 | |
| 7 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color Zinc) | 1 | |
| 8 | 1250106-112000 | GB9074.13 Hexagon cross groove spring,flat cushion combination bolt M5×20 | 1 | |
| 9 | 1050961-003000 | External intake air pressure sensorMAP0 | 1 | |
| 10 | 1050958-009000 | ZT350Fixed bracket for external intake pressure sensor | 1 | |
| 11 | 1050958-008000 | Intake pressure sensor connection hose(φ3.5×φ7.5×L38.5) | 1 | |

PROCEDURE:

●Throttle valve body assembly

Remove the O-ring (1) from the intake oipe assembly.

Remove the connection pipe(11) at the A-end.

Use 8# sleeve to remove the bolt (7),take off the External intake air pressure sensor component,injector holder(6) and injector (5).

After loosening the clamp (3), remove the throttle valve body assembly (4)and intake manifold assembly(2) , and then remove the clamp (3).

●External intake air pressure sensor

Use screwdriver for cruciform head to remove the bolt (8),take off the sensor(9)and bracket(10),then remove the connection pipe(11).

● check whether the external intake pressure sensor is damaged(9)

Loosen the connector and check whether the pin is skewed or broken. The vehicle is connected to the diagnostic instrument without ignition. Check the engine parameters to see whether the pressure parameters are consistent with the local atmospheric pressure.

●Check whether the stepping motor② is damaged

After turning off the power, take out the stepping motor, do not loosen the cable plug, press the flameout switch at startup without ignition, check whether the motor plug can shrink back and forth, and finally turn off the flameout switch to check whether the plug returns to its original position.

●Check whether the throttle position sensor ③ is damaged

Connect the diagnostic instrument to the whole vehicle, press the flameout switch (without ignition), turn the throttle handle from the initial position to fully open, and check whether the throttle position signal changes from 0 to 100.

●Check whether the fuel injector is damaged

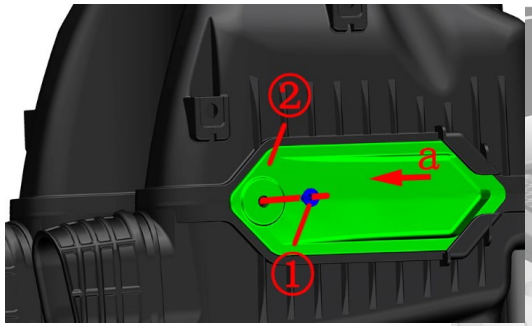
Remove the manifold without loosening the plug of electrical parts. Press the ignition button to check whether the two beams of oil mist emitted by the fuel injector are uniform.

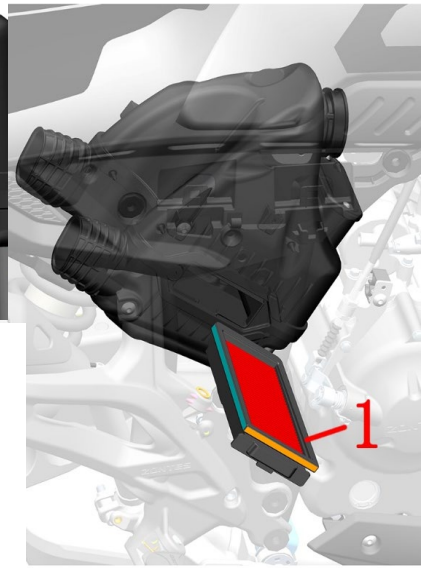
CAUTION:

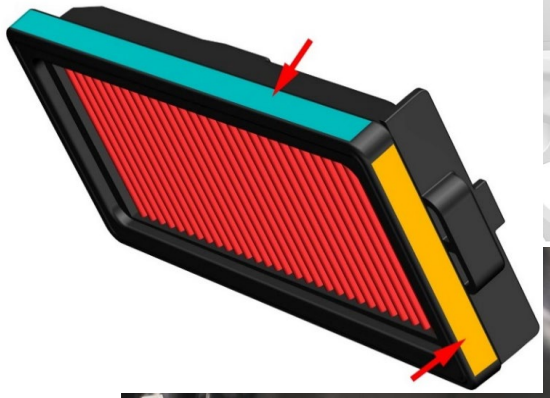
●Pay attenion to force when removing clamp.

●Before reassembly, check the o-ring (1) for damage and replace it if any.

●When reinstalling the sensor, be careful to align the square holes; there must be no foreign objects; the sealing rubber gasket cannot be missing or misplaced. Do not touch the sensor head.




| Fig.4 INDUCTION SYSTEM COMPONENT | | Replace air filter element | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4134300-003000 | ZT350－Tair filter core (with carton packaging) | 1 | |

ROCEDURE:

●Filter element

If you need to maintain the filter element of the air filter, remove the seat cushion, the right side cover Take the standard part ① out of air filter with the tool,pull out in direction of arrow a, dismantle the box cover② Grasp the rubber strips on the filter (both sides shown in yellow) and pull the filter element (1) out. Blow the dust off the filter core by blowing dust gun in the filter element. If the filter paper is damaged, it should be replaced in time.If the blowback causes the dust to be unable to clean up, the engine will be damaged or the induction resistance will become larger and affect the driving experience.When assembling, apply a small amount of engine oil on the upper and lower sides of the rubber strip (shown in cyan as shown in the figure) to reduce assembly resistance.

●Oil pipe and water pipe

Avoid water into the air filter when washing the motorcycle. Can pulled out the oil pipe③ and water pipe④ to release if into small water.keep no water inside before staring the engine.

CAUTION:

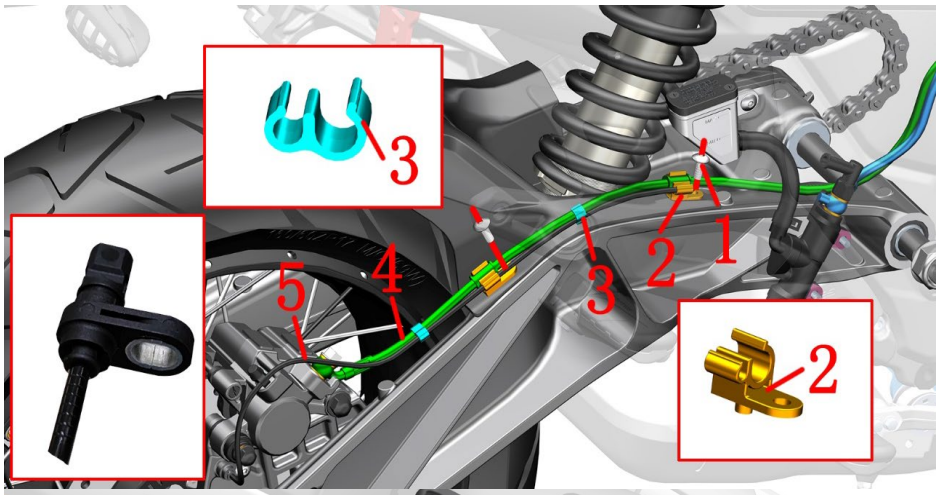
●First remove the side cover and remove the cable.

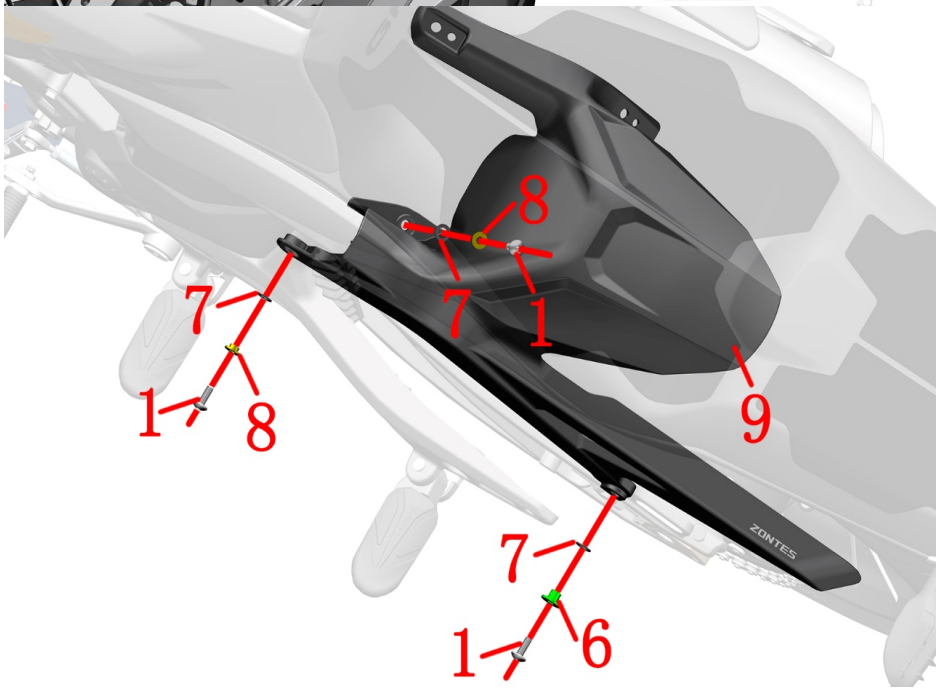
●Regularly check whether the filter element of the carbon tank and air filter is not ventilated, otherwise it may cause the oil supply to affect the driving experience.

●When blowing dust, pay attention to maintain a certain distance to avoid excessive damage to the filter element.

●The filter element should be checked every 5000 kilometers or 15 months; it should be replaced every 10,000 kilometers or 30 months.

●If the oil pipe③ is easy to be full when driving hundreds of kilometers normally,please fill in the quality feedback form (parts:cylinder head).There are corrresponding engineers to follow up and solve.




| Fig.1 REAR WHELL COMPONENT | | Rear mud board | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 5 | |
| 2 | 1224200-003000 | ZT310-R Rear disc brake pipe clamp | 2 | |
| 3 | 1224100-044000 | Wheel speed sensor clamp | 2 | |
| 4 | 1100100-825000 | ZT350－GK brake hose RC－HU segment(A) | 1 | |
| 5 | 1181200-118000 | Wheel speed sensor(A) | 1 | |
| 6 | 1251700-059093 | Flanging bushing φ6.4×φ9×8＋φ18×2(environmental color) | 1 | |
| 7 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 3 | |
| 8 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 9 | 1224300-048000 | ZT350－R rear inner mud board | 1 | |

PROCEDURE:

●Rear inner mudguard

Remove the muffler rear section by refering to the steps in "MUFFLER COMPONENT".Pull out the brake oil tube(4) and wheel speed sensor cable(5),which are on the right side of rear inner mudguard,from the rear disc brake pipe clamp(2).Remove the two sensor clamps(3).

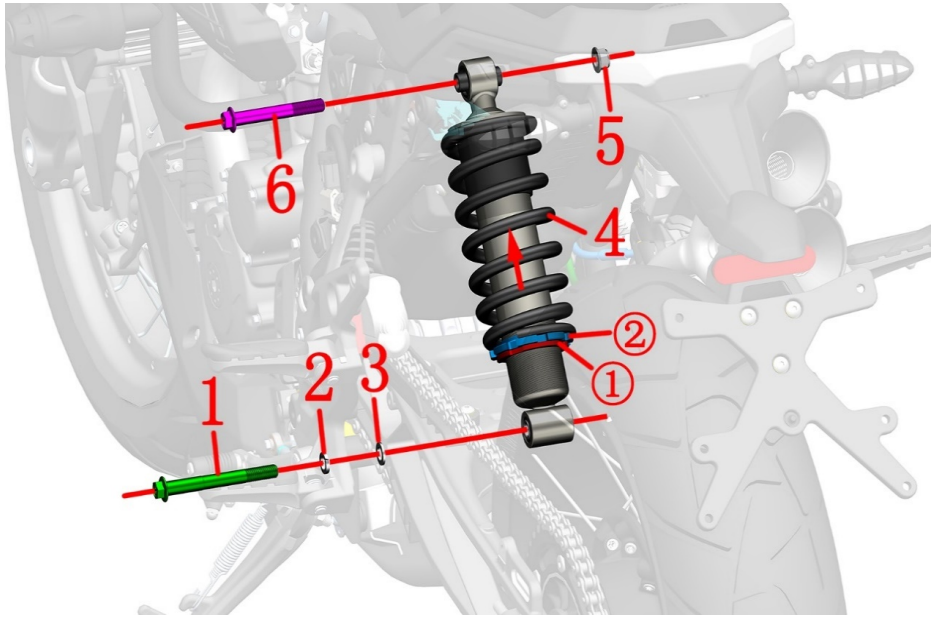
On the right side using 4# inner hexagon socket remove 2pcs bolts(1),take off the brake pipe clamp(2).

On the left side , using 4# inner hexagon socket remove 2pcs bolts(1) at the left front of the rear inner mud board.,take off the flanging bushing(8),bushing(7);then remove the bolts at the left rear of the rear inner mud board,take off the flanging bushing(6),bushing(7);remove rear inner mud board(9).

CAUTION:

●Use suitable tools supported the motorcycle, in case of accidents caused by motorcycle falling down. Single person operating is prohibited.

●Stay alert during the manipulation and avoid accident.




| Fig.2 REAR WHELL COMPONENT | | Rear shock absorption | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251112-017000 | GB5787 Non－standard bolt M12×1.25×105((10.9 grade/dacromet/Two diameters) | 1 | |
| 2 | 1250501-016000 | GB93φ12 spring pad | 1 | |
| 3 | 1251500-001097 | Non-standard flat pad φ12×φ20×2 (chrome plated) | 1 | |
| 4 | 1114300-011000 | ZT350-T rear shock absorber | 1 | |
| 5 | 1250305-009091 | GB6187.1 M12×1.25（White zinc） | 1 | |
| 6 | 1251112-019000 | GB578 Non－standard bolt M12×1.25×85((10.9 grade/dacromet) | 1 | |

PROCEDURE:

●Rear shock absorber

Put down side stand. Person 1: Turn the handling bar to left end with left hand; hold tight the rear pedal with right hand and lean the motorcycle to left side.Another person used a wooden stool to put a soft rubber cushion on the right side muffler back pressure bag of the bike to support the whole bike and let the rear wheel slightly off the ground.

After supporting the whole bike,uses a 14# sleeve on the right to loosen the bolt(1) counterclockwise,remove the spring washer(2)and plain washer(3).Person 1 shake slightly the rear wheel up and down. Person 2 drag out bolt (1).

Person 1 fix the head of the bolt(6) with a 14# sleeve,person 2 remove the nut(5) with a 17# sleeve.Lift the rear shock absorber(4) towards the arrow direction and drag out bolt(6). Take off the rear absorber at last.

●Adjust the rear absorber

Using hook spanner to loosen adjustive nut①. Rotate adjustive nut②. If the nut is rotated towards the arrow direction, the spring becomes harder. Conversly, the absorber is softer. Tighten the adjustive nut① until the absorber is under suitable status. Please adjust in a reasonable range. Riding experience would be influenced either the absorber is too soft or too hard.

●Check

One person will straighten and stablilize the vehicle,and the other person will press the rear armrest at the back to observe whether the rear shock sbsorption is smoothly restored.

Check whether the shock absorption bolts are loose.

CAUTION:

●The side cover component,rear inner mud board must be removed in advance.

●Using suitable tool to support the motorcycle. Avoid accidents caused by falling motorcycle. Single person manipulation is prohibited.

●Troubleshooting:

If there is obvious impact sound when driving on uneven roads or emergency braking, the following items need to be checked:

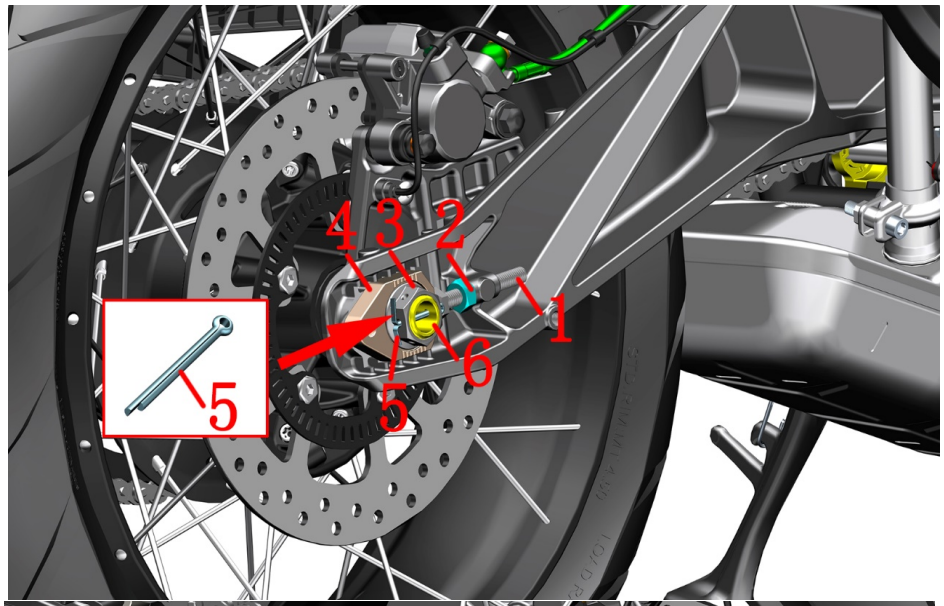
1. Whether the shock absorber spring is broken and the elasticity decreases; 2. Whether the hydraulic oil is insufficient or enters the air; 3. Whether there is too much hydraulic oil; 4. Whether the spring is bent axially and rubs with the front fork tube.

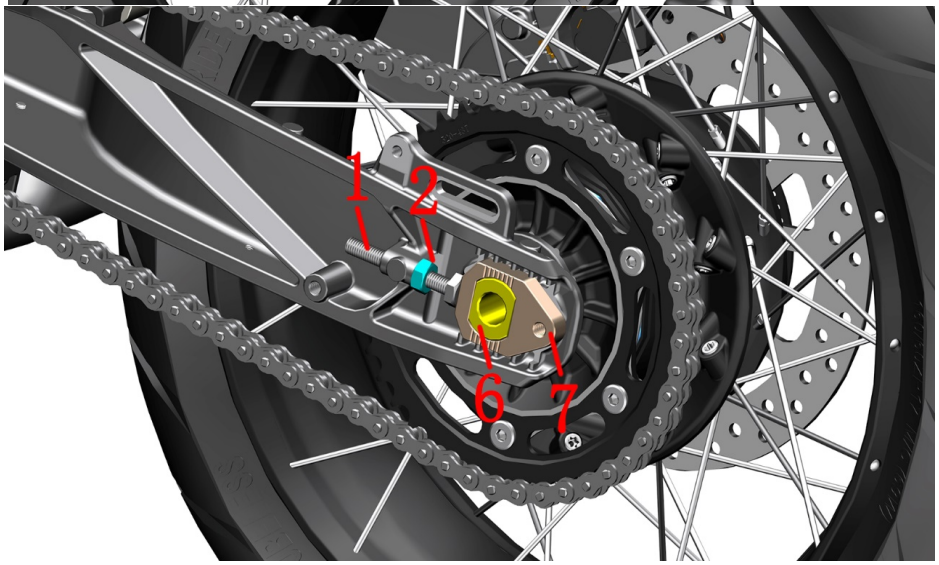
The following items shoud be checked if the shock absorption is too hard:

1. Whether there is too much hydraulic oil; 2. Whether the front fork tube is bent or deformed; 3. Whether the spring has been modified.

If the damping is too soft, check the following items:

1. Whether the hydraulic oil with low viscosity has been changed.




| Fig.3 REAR WHELL COMPONENT | | Rear wheel component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-105000 | ZT310－R chain adjuster bolt M10×70 | 2 | |
| 2 | 1251300-050000 | ZT310－R chain adjuster bolt M10(304 stainless steel) | 2 | |
| 3 | 1251300-087000 | ZT350 rear wheel hollow shaft nut(M25) | 1 | 110N.m |
| 4 | 1274300-015051 | ZT350 R, chain adjuster(dark gray) | 1 | |
| 5 | 1250401-019091 | GB91 Split pin Φ4×40 | 1 | |
| 6 | 1094300-010000 | ZT350 rear wheel hollow shaft Φ25×278 | 1 | |
| 7 | 1274300-014051 | ZT350 L, chain adjuster(dark gray) | 1 | |

PROCEDURE:

●Rear wheel component

Using a plier to disassemble the pin(5).Using 30# sleeve remove nuts(3).

Using 17# open spanner to move chain adjuster nut(2) on both sides towards rear wheel axle until they reach chain adjusting bolt(1). Then rotate the bolts(1) and nuts(2) towards motorcycle front direction till the end.

Push rear wheel assembly towards motorcycle front direction and take off the chain from sprocket.

Tie firmly the rear disc brake clamp and avoid it to be lifted higher than disc brake oil cup. Hold the rear wheel assembly. Punch rear wheel axle(6) with rubber hammer. Expose the left axle head ,pull the axle head outward with the left hand,and shake the tire left and right to complete the disassembly of the rear axle.

CAUTION:

●Use suitable tool to support the motorcycle. Avoid accidents caused by falling motorcycle. Single person manipulation is prohibited.All the standard parts need to reach standard torque while reassembling.

●Using iron hammer to punch rear wheel axle, disc brake clamp assembly is prohibitd.

●While disassembling the rear wheel assemble, avoid the rear disc brake clamp to be lifted higher than the disc brake oil cup. If not, air will get into the tubes and cause softness or failure on braking system. As disc brake tubes request extreamly high vaccum degree. Make sure manipulator has maintenance ability before disassembling the disc brake assembly.

●Check the chain regularly. Increase the frequency of adjustment of the chain according to the driving conditions. Keep the tightness of chain to be in a suitable range. Too loose chain have possibility to separate from sprocket or damage the engine. Too tight chain can be worn out quickly.


| Fig.4 REAR WHELL COMPONENT | | Rear wheel component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274300-011000 | ZT350－GK rear wheel right sleeve(φ25×φ30×15.5/shoulder φ38) | 1 | |
| 2 | 1244300-002000 | ZT350－GK rear sprocket buffer adhesive | 6 | |
| 3 | 1250305-002091 | GB6187.1 M8(White zinc) | 6 | 24N.m |
| 4 | 1094300-015000 | ZT350－GK rear sprocket seat | 1 | |
| 5 | 1080100-121000 | ZT350－GK 520－44T Sprocket | 1 | |
| 6 | 1251100-117093 | Non-standard inner hex bolt M8×25 (environmental color) | 6 | 24N.m |
| 7 | 1244300-001000 | ZT350－GK outer oil seal of sprocket seat | 1 | |
| 8 | 1274300-010000 | ZT350－GK rear wheel left sleeve(φ25×φ30×13.5/shoulder φ43×2.5) | 1 | |

PROCEDURE:

●Sprocket seat component

Put down the rear wheel component horizontally. Take off left and righe bushings,outeroil seal(7);Take down sprocket component,secure bolt(6)with 6# inner hexagon socket and remove nut (3)with 14# wrench.Remove sprocket(5) and bolt(6) from sprockeseat(4).

Pull the sprocket buffer glue(2) out of the rim.

●Fault detection of sprocket seat

The sprocket seat and the rim are connected by buffer glue. If the sprocket seat assembly can rotate back and forth in a small range in the circumferential direction of the rear axle axis, it is normal. If it can rotate back and forth in a large range, check the buffer rubber and bearing clearance; If it can swing left and right, it is a fault.

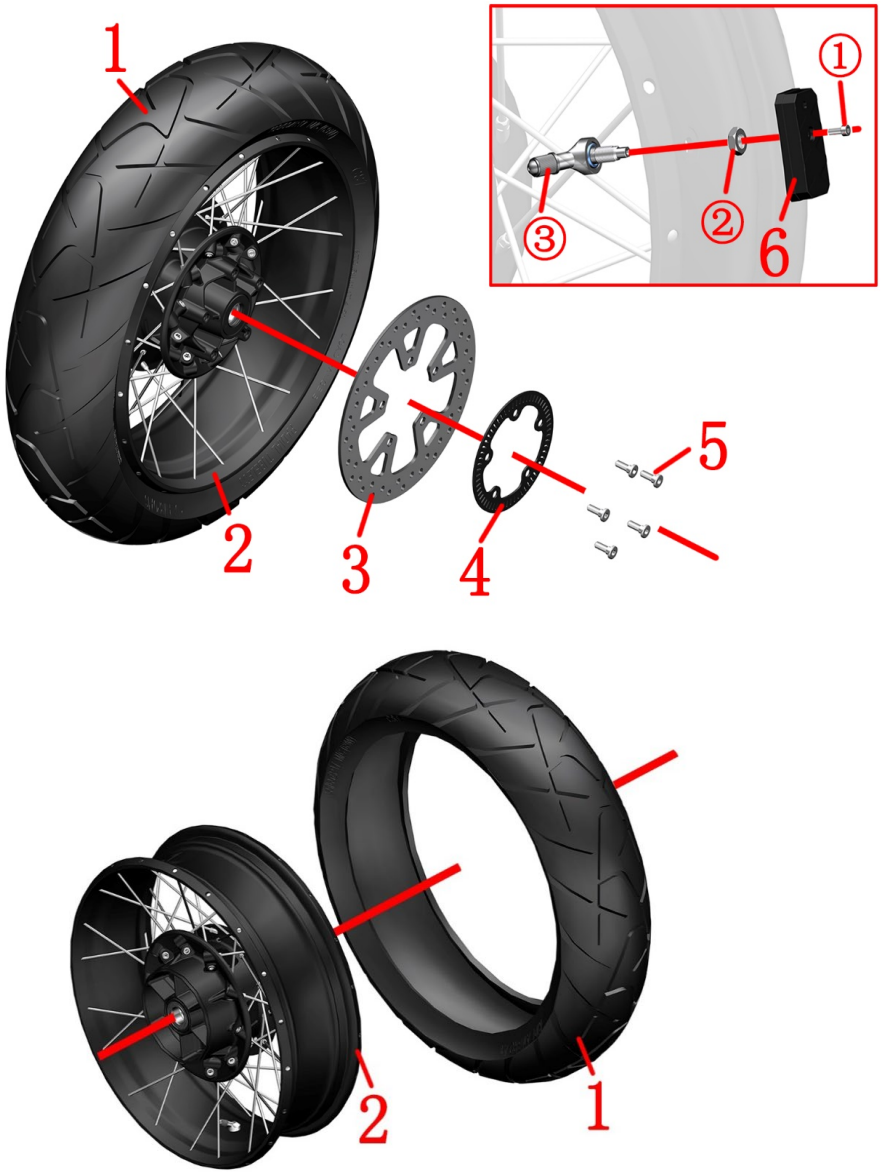
CAUTION:

●Use suitable tool to support the motorcycle. Avoid accidents caused by falling motorcycle. Single person manipulation is prohibited.All the standard parts need to reach standard torque while reassembling.

●All the standard parts need to reach standard torque while reassembling.

●Check the chain regularly. Increase the frequency of adjustment of the chain according to the driving conditions. Keep the tightness of chain to be in a suitable range. Too loose chain have possibility to separate from sprocket or damage the engine. Too tight chain can be worn out quickly.

●Rear sprocket bearing model:6006-2RS,size:φ30×φ55×13.




| Fig.5 REAR WHELL COMPONENT | | Rear wheel component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1230100-567000 | 160/60ZR17 CM－A1S 69W TL E4 | 1 | |
| 2 | | ZT350－T front spoke wheel MT4.5×17 | 1 | |
| 3 | 1100100-784000 | ZT350－GK rear brake disc (265×4.5) | 1 | |
| 4 | 1274200-058000 | ABS induction ring (60 teeth) | 1 | |
| 5 | 1251100-117093 | Non-standard inner hex bolt M8×25 (environmental color) | 5 | 22～24N.m |
| 6 | 1184300-021000 | ZT350 tire pressure sensor (M8 elbow joint/120°) | 1 | |

PROCEDURE:

●Disc brake plate, ABS gear ring

Using 6# inner hexagon socket remove bolts(5),remove ABS gear ring(4) and disc brake plate(3).

●Tire and wheel component

Remove the Tire pressure sensor (6) built-in valve cap③ use a tool to release the air, then use a professional tire puller to remove the rear tire(1). Be careful to avoid the tire pressure sensor.

Use a 2.5mm Allen wrench to remove the bolts① on the tire pressure sensor.Then remove the tire pressure sensor body;Take off nut② with 12# sleeve.Remove the valve.

CAUTION:

●Be careful while disassembling the tire and rim in case of damages on the components.

●After changing the tire, check air proof performace and dynamic balance.

●Not enough tire pressure can cause abnormal wear and tare. Too high pressure in summer might have possibility of tire bursting.

●It needs running-in for about 300km after changing new arresters. During this period, leave enough braking distance while riging.

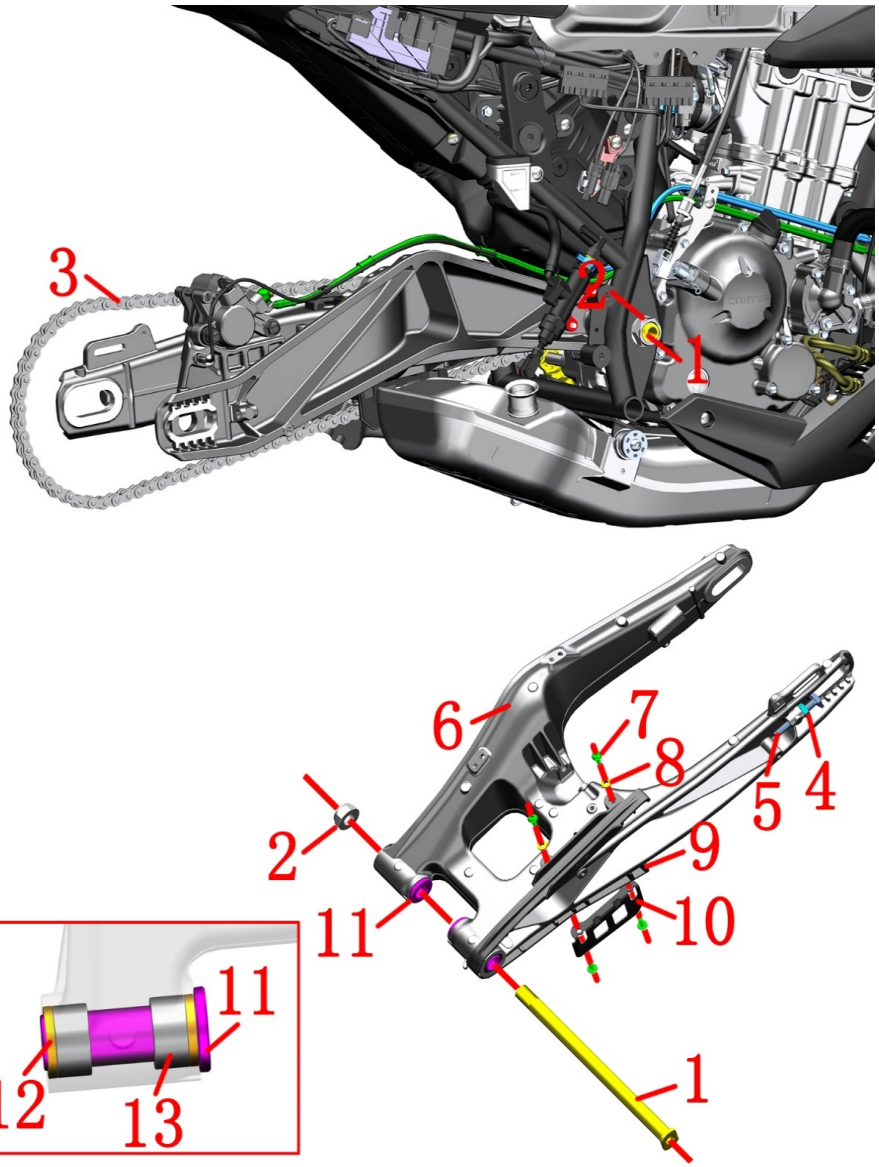
●The tire repair fluid should not be used because it will block the stoma of the pressure monitoring sensor,resulting in dificulty in inflating or failure of tire pressure momnitoring .

●Maintenance

Tire: Check regularly the tire on cracks and air pressure.If the tire is ware to the marker, change the tire with same specification. See details in user manual. Ingradiant of tire include semi hot melt rubber. Area with too high temperature is not suitable. If temparature of outdoor is too low, storing the motorcycle in warm place or indoor is suggested in order to avoid frost crack. Normal temperaturestandard 280kPa.

Rim: Check if the rim has deformation or crack. Support the rim horizontally and check if it can rotate smoothly. Specification of oil seal on rear rim is TC φ52×φ30×7. Bearing type: 6205-2RS,size:φ52×φ25×13.

Disc brake plate: Thickness can not be less than 4mm. If not, change it.




| Fig.6 REAR WHELL COMPONENT | | Rear fork component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1252200-040000 | ZT310-R1 rear flat fork hollow shaft Φ20×315 | 1 | |
| 2 | 1251300-067000 | ZT250－R rear wheel hollow shaft nut | 1 | 110±5N.m |
| 3 | 1080200-106000 | ZT350－GK 112 pitch chain (520 oil seal chain) | 1 | |
| 4 | 1251300-050000 | ZT310－R chain adjuster bolt M10(304 stainless steel) | 2 | |
| 5 | 1251100-105000 | ZT310-R chain adjuster bolt M10×70 (304 stainless steel) | 2 | |
| 6 | 4074300-002051 | ZT350 aluminum alloy rear flat fork (dark gray matte) assembly (including bearing / oil seal) | 1 | |
| 7 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 4 | |
| 8 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 9 | 1244300-016000 | ZT350－R rear fork anti－wear block | 1 | |
| 10 | 1271200-062000 | KD150-U rear fork wear block fixing bracket | 1 | |
| 11 | 1274100-102000 | Single rocker rear fork bushing | 2 | |
| 12 | 1244200-079000 | ZT310 single rocker arm Φ25×Φ32×4 oil seal | 4 | After-sales |
| 13 | 1250602-035000 | HK2516 needle roller bearing | 4 | |

PROCEDURE:

●Rear fork component

Person 1 fastensthe head of the rear fork shaft(1),person 2 remove the nut(2) with a 30# sleeve.

Person 1 holds the rear fork assembly and the other person removes the rear fork shaft (1) with suitable tool and then remove the rear fork assembly.

●Rear fork rear-resistant block

Remove the bolts(7),flanging bushing(8) with a 4# inner hexagon socket, then turn off the rear fork assembly,using 4# inner hexagon socket remove 2pcs bolts(7),take off the bracket(10),and then remove the wear-resistent block(9).

Remove the chain adjuster bolt(5) and nut(4)with the 17# open end wrench.Put the rear fork bushing (11) inward and remove it.Oil seal(12) and needle bearing(13) are used for interference compression.Please ensure that you have the ability to disassemble and disassemble by yourself.

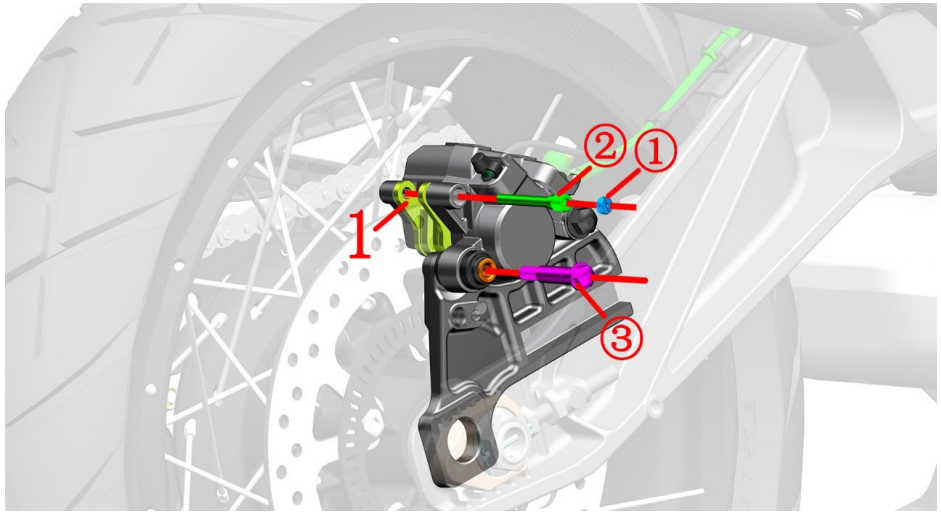
CAUTION:

●Be sure to fix up the motorcycle in the process of disassembly.

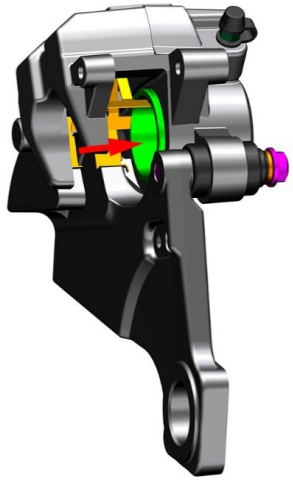
●The rear shock absorption, rear mud board ,rear wheel component,side cover component,pedal component must be removed in advance.

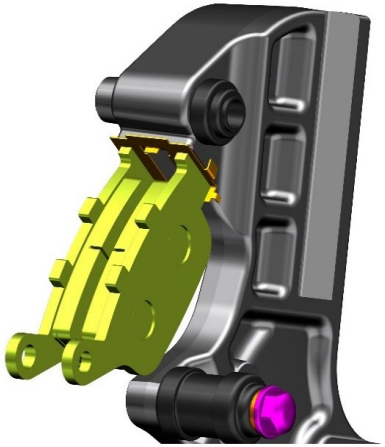
●Do not use a hammer to hit the rear fork shaft thread.

●The rear disc brake caliper must not be higher than the disc brake oil cup, otherwise the brake will become soft or faildue to air entering the pipeline. Because the brake line requires extremely high vacuum, it is necessary to ensure sufficientcapacity for repair and disassembly.




| Fig.7 REAR WHELL COMPONENT | | Replace the rear brake pads | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1100100-092000 | ZT250-S rear disk brake pads (HS10) | 1 | After-sales |





PROCEDURE:

●Disassemble disc brake arrester

Using strait screwdriver to disassemble nut①.

Disassemble pin axle② with a 5# inner hexagon socket.

Disassemble rolling axle③ with socket sleeve.

Take off rear disc brake arrester(1).

●Change rear disc brake arrester

Put the piston of clamp towards the direction of arrow to the end. See photo left below. To reduce resistance, you can disassemble the cross bolt on rear disc brake main pump oil cup. Take off the top cover and sealing gasket. Remember to rebound the pister afterwards.

The new arrester must fit tightly the slot. See photo right below.

Tighten the pin axle② with 5# inner hexagon socket tool.

Tighten rolling axle③ with socket sleeve.

Tighten nut① with strait screwdriver.

Step on braking pedal several times until braking force is recovered.

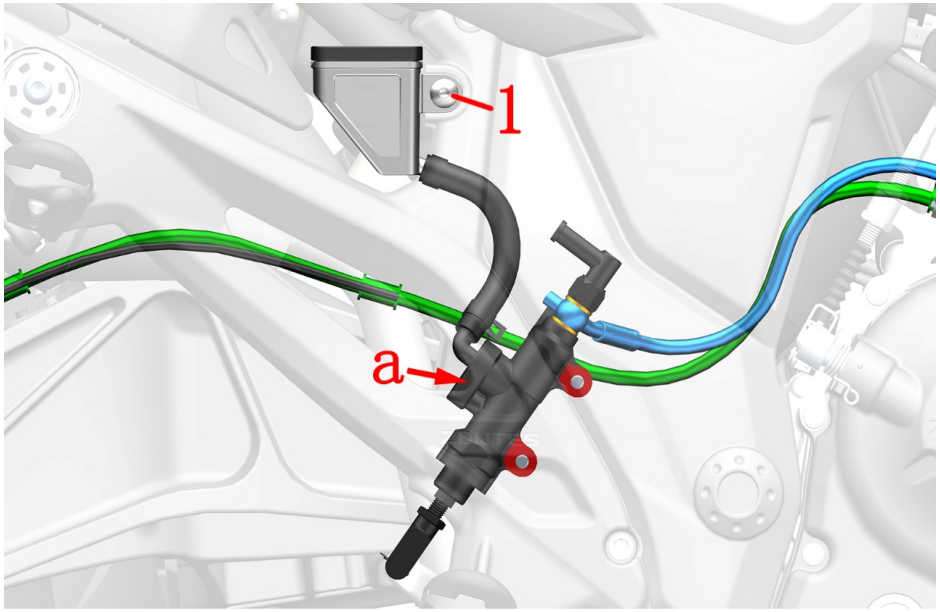
CAUTION:

●Check regularly the arrester and disc brake plate status.

●To change arresters in qualified mainenance spot are suggested.

●After changing the arrester, adjust the height of braking pedal according to "Foot pedal, gear shift rod assembly" if necessary.

●It needs running-in for about 300km after changing new arresters. During this period, leave enough braking distance while riging.




| Fig.8 REAR WHELL COMPONENT | | Rear brake main pump adds brake fluid | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |

PROCEDURE:

●Add disc brake liquid

Cover the right pedal bracket and muffler with a waterproof plastic bag to prevent the brake fluid from dripping onto the paint and causing corrosion.

Using 4# inner hexagon socket remove the bolt(1).

The oil cup should always remain above the oil tube interface "a", parallel to the ground. Avoid braking failure caused by air getting into the oil circulation.

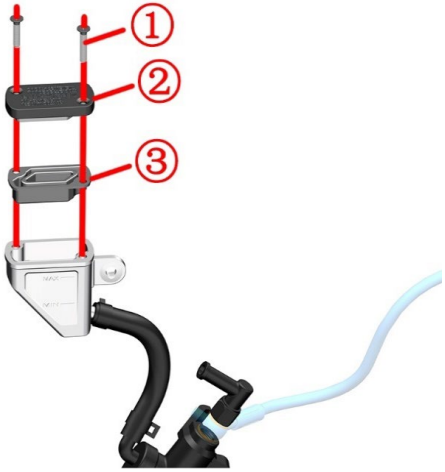
Disassemble bolt① with cross screwdriver.

Take off oil cup cap②, sealing gasket③.

Keep the top of oil cup parallel to the ground. Add DOT4 braking liquid. Ensure the liquid level is between "MAX" and "MIN".

While reassemble, pay attention install sealing gasket③ in correct position and direction.

Step gently on the pedal constantly. Do not ride the motorcycle until the braking force is recovered.




CAUTION:

●Support the motorcycle well on flat ground before checking.

●Check regularly if the braking liquid surface is between "MAX" and "MIN".

●If liquid surface is below "MIN", check the arrester status and confirm if the braking system is leaking.

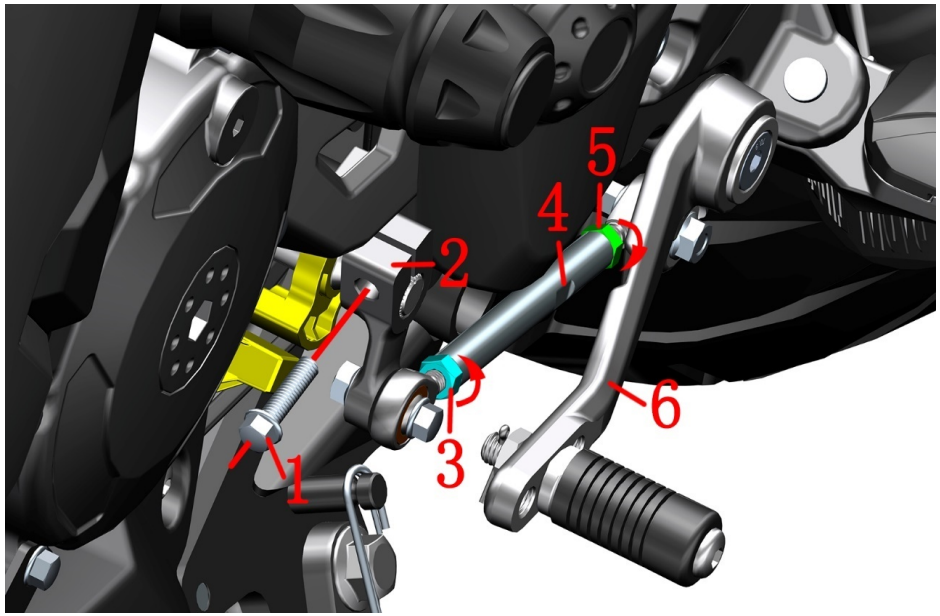
●If the braking liquid is accidently swallowed, contact intoxication center or hospital immediately. If it gets into the eye, wash it away with clean water then see the doctor.

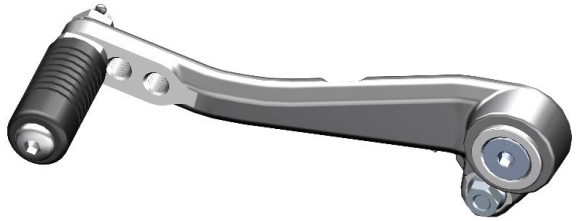
●Keep the braking liquid far away from children and pets.

●Flush the oil cup directly with high pressure water is prohibited.

●Mixing water, dust, impurity and liquid of silicic acid or petrol series into the braking liquid is prohibited. Otherwise, the braking system would be damaged.

●It must be used in time after opening, and it is necessary to seal and prevent moisture during storage; it is recommended not to exceed one month. Inferior or damp brake oil can cause poor braking system and can cause brake failure if the impact is severe. Be sure to replace the brake fluid in a repair shop with brake fluid replacement equipment and technology to avoid air in the brake line.



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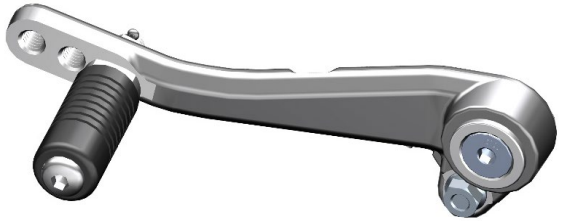


Future

| Fig.1 FOOT PEDAL COMPONENT | | Shift lever adjustment | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 1 | |
| 2 | 1271200-163000 | ZT250－S Gear swift rod spline of Rocker arm | 1 | |
| 3 | 1250301-020093 | GB6170M6 (environmental color) | 1 | |
| 4 | 1274300-026000 | ZT350-R shift lever adjusting screw (Φ10×82.3) | 1 | |
| 5 | 1250301-018093 | GB6170 M6-LH (army green) | 1 | |
| 6 | 4024300-029000 | ZT350－R shift lever rocker arm (lucluding bearings) | 1 | |

PROCEDURE:

●Adjust the height of gear shift rod

Use 8# open-ended wrench to fix screw(4),and use 10# open-ended wrench to loosen nut(3) and nut(5) respectively in the direction of arrow.Turn the groove on the screw(4) with an 8# open-ended wrench to adjust the shift lever to a suitable height,and then lock the nut(3) and nut(5).

If the above-mentioned method can not adjust the gear shift rod to a satisfying position, take off bolt(1) and adjust gear shift rod spline of rocker arm(2) with a straight screwdriver by shoving a little bit the groove in the middle while dragging it out. Reassemble after the height is suitable. Pay attention to the aligning of the groove in the middle.

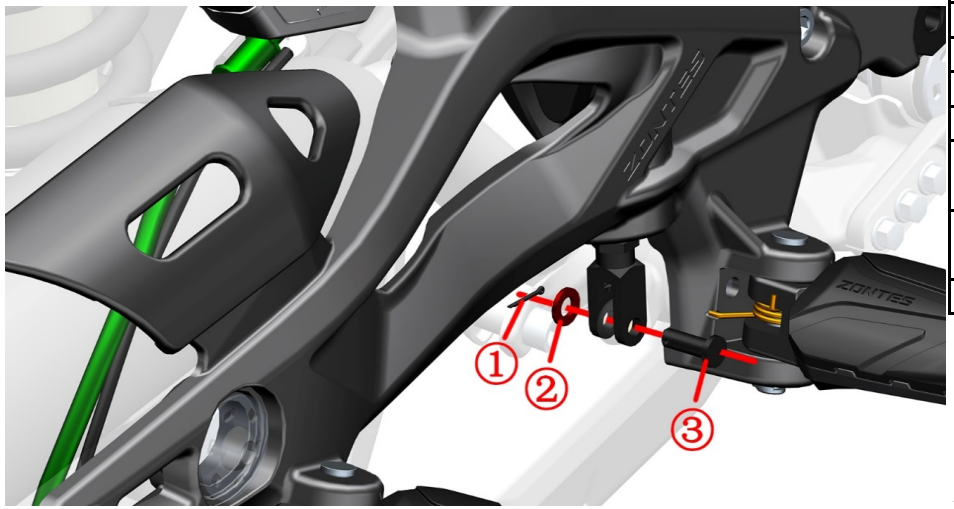
●Shift lever position adjustment

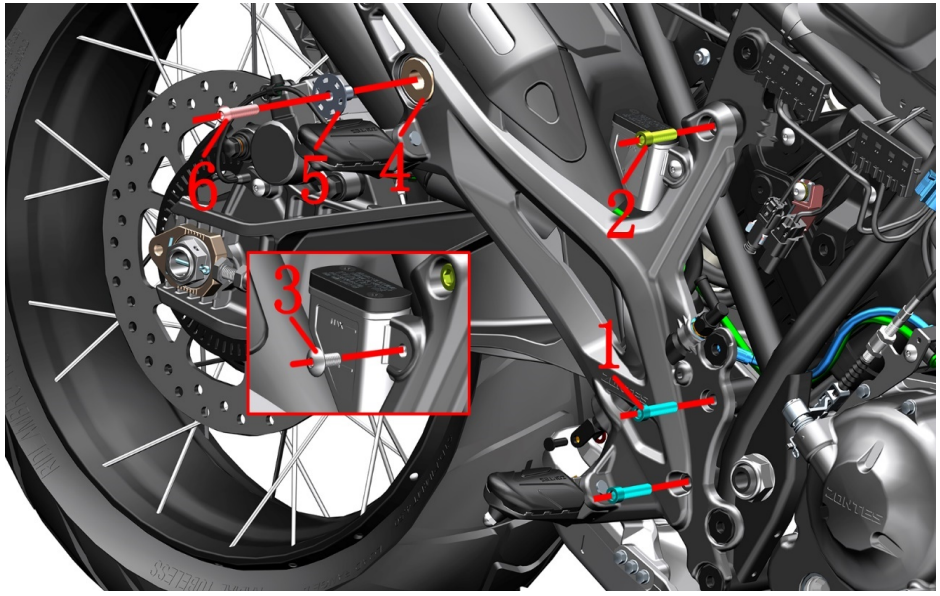
The shift lever can adjust its position forwards or backwards,as shown in the lower left figure.please refer to "left footrest component2" for detailed disassembly steps.

CAUTION:

●Ensure the motorcycle is well supported during manipulation. Avoid falling accident.

●The height of gear shift rod should be ajusted to a suitable range. Otherwise the riding experience would be influenced.




| Fig.2 FOOT PEDAL COMPONENT | | Right footrest component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-023000 | GB70.1 inner hexagonal M8×35 (color zinc) | 2 | |
| 2 | 1250205-034093 | GB70.1 inner hexagonal M8×30 (color zinc) | 1 | |
| 3 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 4 | 1244300-022000 | ZT350-GK-H1 muffler suspension hollow cushioning rubber | 1 | |
| 5 | 1020243-097000 | ZT350 muffer flanging bushing(φ8.3×φ11.5×20.5×φ 8.4×φ33×1.5) | 1 | |
| 6 | 1250205-125000 | GB70.2 M8×35(12.9grade,dacromet) | 1 | |

PROCEDURE:

●Right Foot pedal component

First remove the right side cover component according to the steps of "SIDE COVER COMPONENT".

Using a plier to disassemble the pin①. Then take off the washer② and pin③.

Using 4# inner hexagon socket remove bolt(3),then take away the oil cup.

Then 6# remove the bolt(6) fixing the rear section of the muffler with the hexagon socket, and remove the bushing (5) and buffer rubber(4).

Remove the bolts (1) and (2) with 6# Allen wrench to remove the right pedal support assembly.

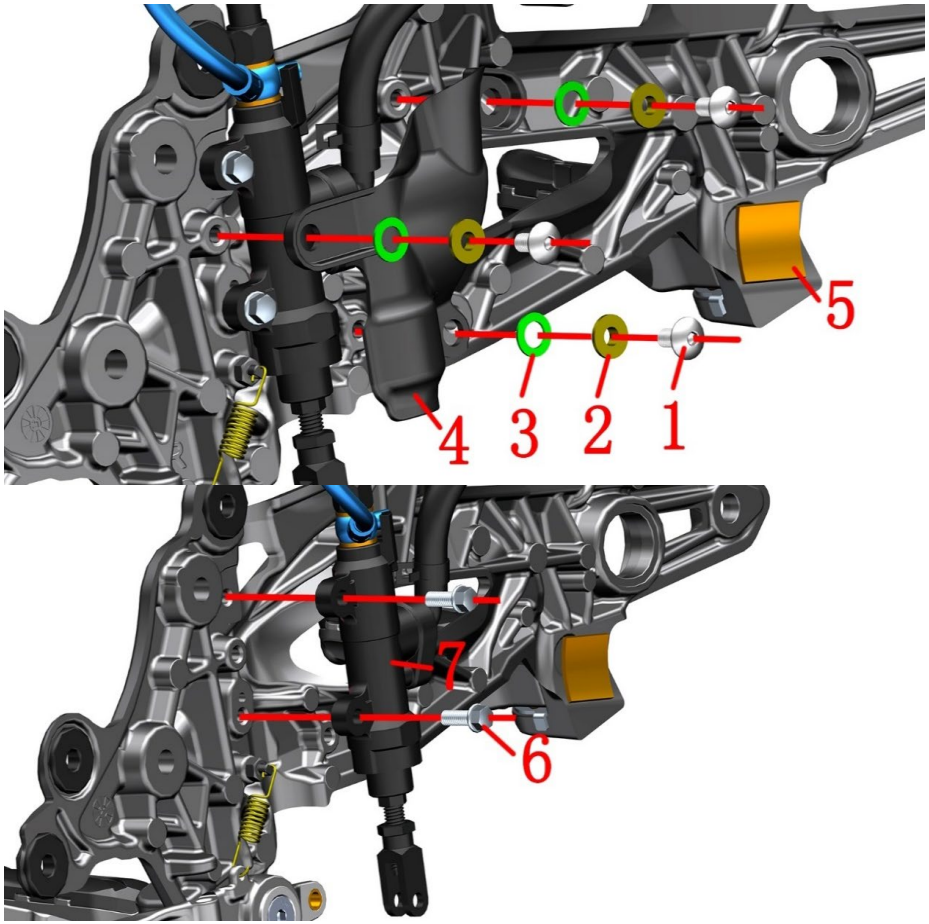
CAUTION:

●While overturning the foot pedal holder, keep the components nearby well protected in case they are scratched.

●Mind the disc brake oil tube while overturning the holder.

●Support the motorcycle properly while disassembling in case it falls down.

●Rear disc brake oil cup can not be lower than oil tube interface of main pump.




| Fig.3 FOOT PEDAL COMPONENT | | Right footrest component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 3 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 3 | |
| 4 | 1224300-023000 | ZT350 rear brake main pump heat shield | 1 | |
| 5 | 1244300-039000 | ZT350－R rear muffer silicone pad | 1 | |
| 6 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 2 | |
| 7 | 1100100-787000 | ZT350－GK rear disc brake main pump assembly | 1 | |

PROCEDURE:

●Rear brake main pump heat shield

Using 4# hexagon socket remove 3 bolts(1) , remove flanging bushing(2) and buffer rubber(3), and remove rear brake main pump insulation cover(4).

●Rear disc brake main pump component

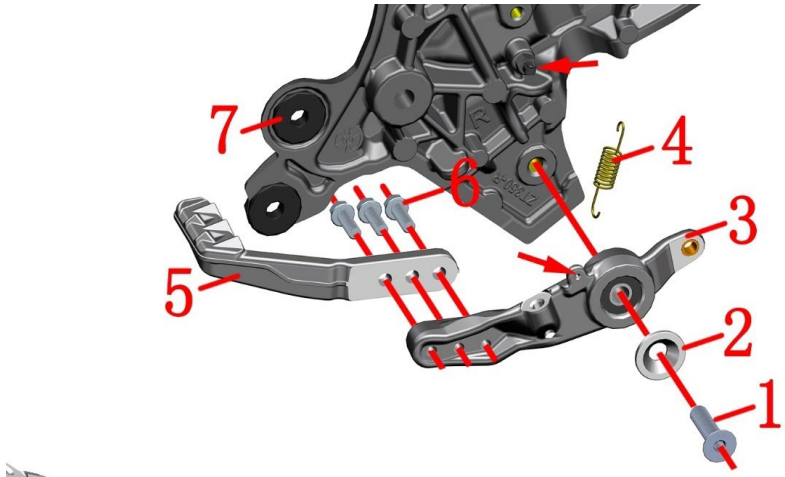
Using 8# sleeves remove two bolts(6) take down the main pump(7) of rear disc brake.

CAUTION:

●Rear disc brake oil cup can never be lower than oil tube .

●Place properly the disc brake oil cup and main pump. Avoid the air on top of oil cup getting into the tubes of disc brake.

●Pay attention to strength when disassembling parts to prevent damage to parts.

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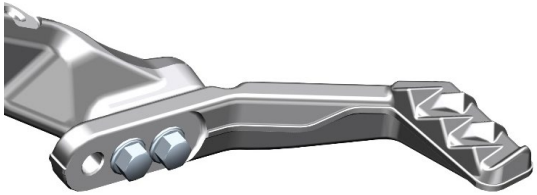
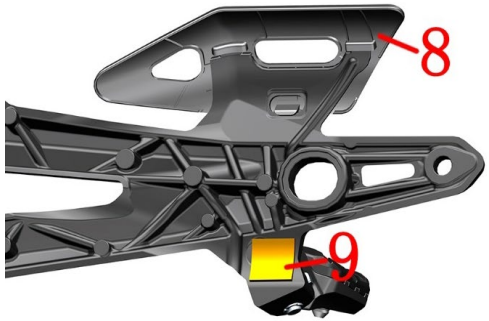


Future




| Fig.4 FOOT PEDAL COMPONENT | | Right footrest component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-124000 | GB70.3 M8×30 (10.9 grade environmental protection color) | 1 | |
| 2 | 1274300-027000 | ZT350 pedal bearing cover | 1 | |
| 3 | 4024300-028000 | ZT350－R pedal rocker arm(lncluding bearings) | 1 | |
| 4 | 1260100-303000 | ZT350－R brake return spring | 1 | |
| 5 | 1274300-019000 | ZT350 brake adjusting pedal | 1 | |
| 6 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 3 | |
| 7 | 1244100-002000 | ZT250－S Side cover round rubber | 2 | |
| 8 | 1020443-011000 | ZT350－R muffler anti－scalding | 1 | |
| 9 | 1244300-039000 | ZT350－R rear muffer silicone pad | 1 | |

PROCEDURE:

●Brake pedal component

Using 5# inner hexagon socket remove bolt(1),take off pedal bearing cover(2) and brake spring(4).Put out the brake pedal component,remove the Side cover round rubber(7); Use 8#sleeve remove 3 bolts(6).The brake pedal (5)and the pedal rocker arm(3)can be separated.

The brake pedal can be adjusted forward or backward as shown in the figure.Adjust the brake pedal requires one less bolt(6).

●Muffler anti-scalding

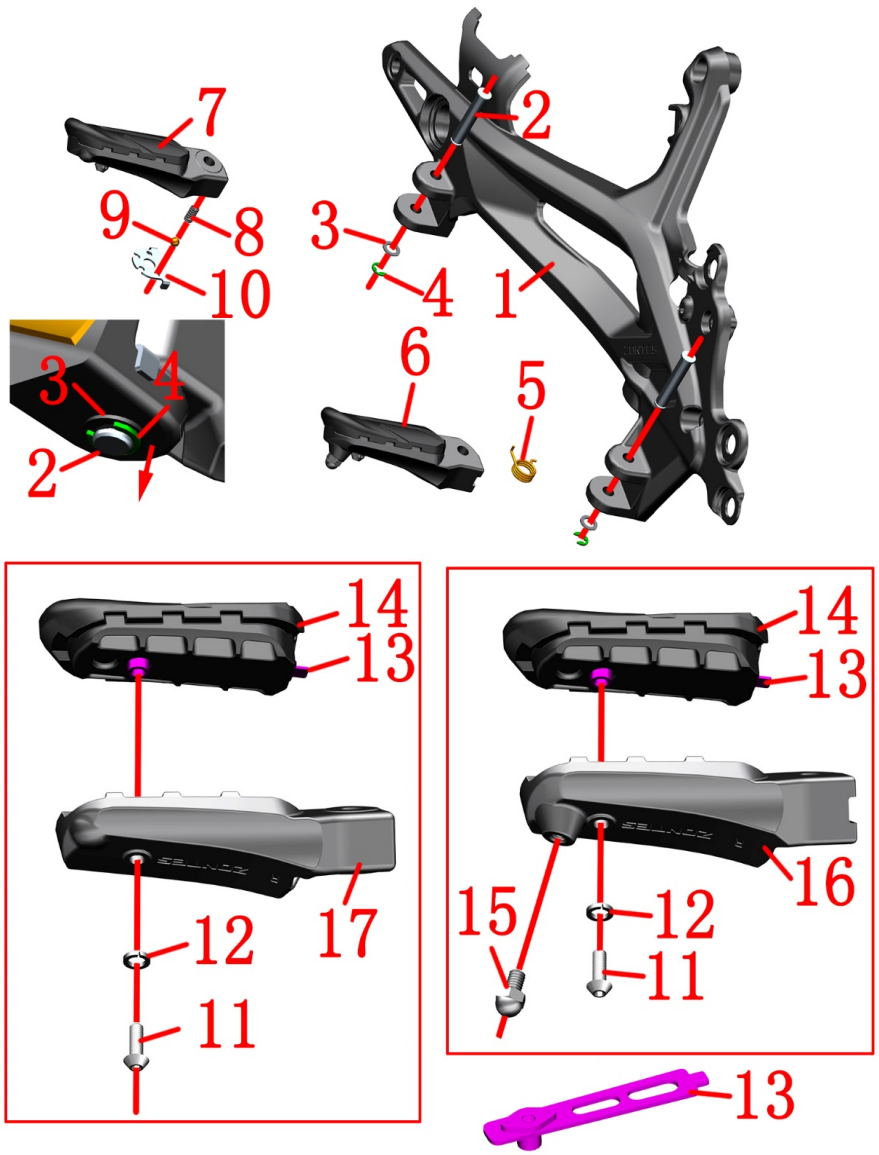
The anti -scalding plate is clamped on the pedal brakect through a dead buckle,and is of a non -detachable structure.

●Rear muffer silicone pad

If the silicone pad(9) needs to be replaced, use a hot-air gun to heat it slightly, tear off the double-sided adhesive and clean up the residual adhesive.

CAUTION:

●Adjust the brake pedal requires one less bolt(6).




| Fig.5 FOOT PEDAL COMPONENT | | Right footrest component 4 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4064300-021051 | ZT350 right pedal support (HT/ dark gray matte) | 1 | |
| 2 | 1274300-033000 | ZT350-R Pedal pin | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 2 | |
| 4 | 1264100-006000 | ZT250－S Pedal circlip | 2 | |
| 5 | 1264100-004000 | ZT250－S front right foot pedal torsional spring | 1 | |
| 6 | 4064300-010051 | ZT350－GK R, front pedal component (dark gray matte) | 1 | |
| 7 | 4064300-012051 | ZT350－GK R, rear pedal component (dark gray matte) | 1 | |
| 8 | 1260100-301000 | ZT350－R foot pedal steel ball spring | 1 | |
| 9 | 1274300-031000 | ZT350－R rear pedal steel ball(6.35) | 1 | |
| 10 | 1274300-032000 | ZT350－R rear pedal locating plate | 1 | |
| 11 | 1250205-038000 | GB70.2M5×12 (stainless steel) | 2 | |
| 12 | 1250501-010000 | GB93φ6 spring pad | 2 | |
| 13 | 1274300-094093 | ZT350-Gk footrest gum cover fixed plate(5mm longer) | 2 | |
| 14 | 1244300-013000 | ZT310－T footrest gum cover | 2 | After-sales |
| 15 | 1251100-167000 | Non-standard ball head boltsM6×8 | 1 | |
| 16 | 4064300-006051 | ZT350-GK front right footrest (dark gray matte) | 1 | |
| 17 | 4064300-008051 | ZT350-GK rear right footrest (dark gray matte) | 1 | |

PROCEDURE:

●R, front pedal

Disassemble circlip(4). Take off buffer rubbe(3) and foot pedal pin axle(2). Then disassemble R, front pedal(6), R, foot pedal spring(5).

●R,rear pedal

Disassemble circlip(4). Take off buffer rubbe(3) and foot pedal pin axle(2). Then pull out R, rear pedal(7).Take down positioning plate(10),steel ball(9), spring(8).

●After sales parts for pedal component

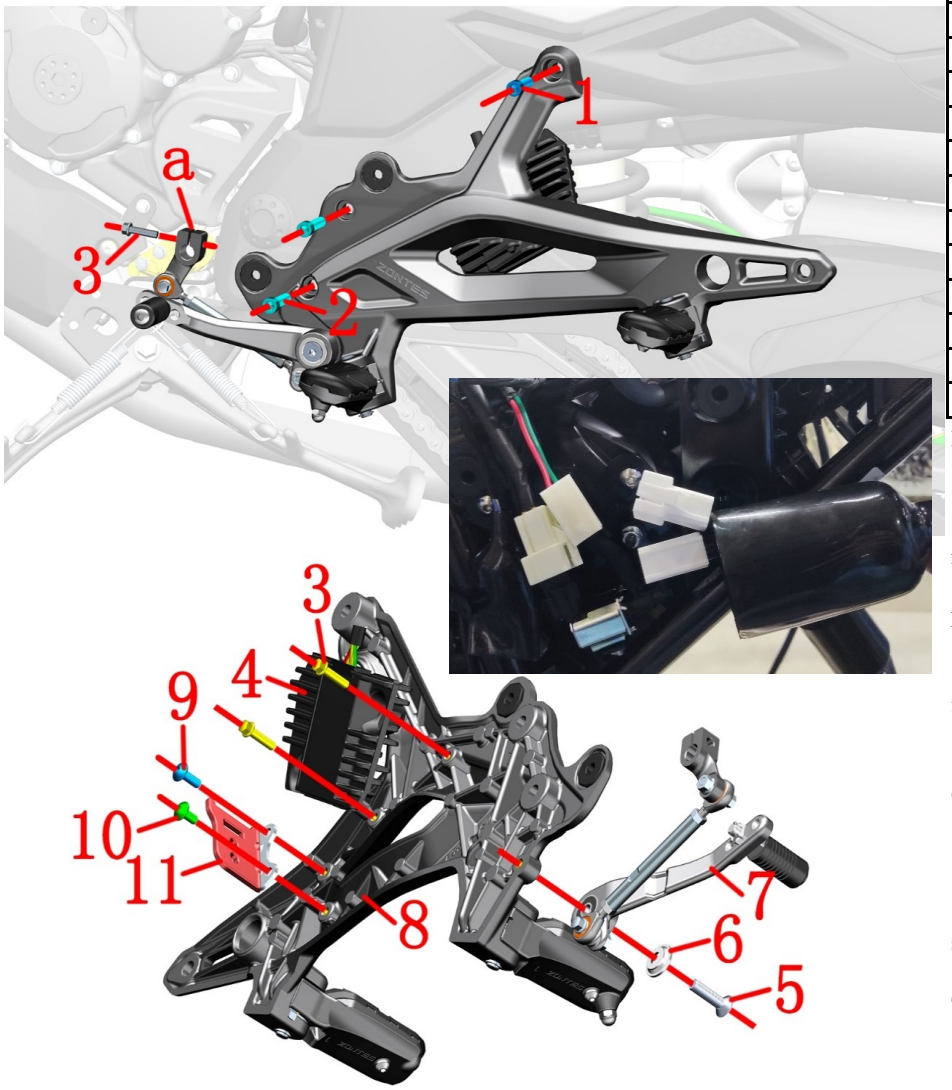
Hold tightly the R front pedal(16). Disassemble bolt(15) with a 10# sleeve. Disassemble bolt(11) with 3# inner hexagon socket.Take off spring washer(12). Take off rubber(14), positioning plate(13)/and R, front pedal(16). Only front pedal needs bolt(15). Foot pedal rubber(14), positioning plate(13), bolt(11),spring washer(12) are in common use.Each part use 1 piece for after sales purpose.

Hold tightly the R rear pedal(17),Disassemble bolt(11) with 3# inner hexagon socket.Take off spring washer(12). Take off rubber(14), positioning plate(13).

CAUTION:

●Spring(8) and stell ball(9) are relatively small,so be careful to lose them.

●Pay attention to the installation direction of pedal torsional spring.




| Fig.6 FOOT PEDAL COMPONENT | | Left footrest component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-034093 | GB70.1 inner hexagonal M8×30(color zinc) | 1 | |
| 2 | 1250205-023000 | GB70.1 inner hexagonal M8×35(color zinc) | 2 | |
| 3 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 3 | |
| 4 | 1184300-013000 | ZT350 rectifier (350W) | 1 | |
| 5 | 1250205-124000 | GB70.3 M8×30 (color zinc) | 1 | |
| 6 | 1274300-027000 | ZT350 pedal bearing cover | 1 | |
| 7 | 4024300-029000 | ZT350-R shift lever rocker arm (lucluding bearings) | 1 | |
| 8 | 4064300-022051 | ZT350 left pedal support (dark gray matte) | 1 | |
| 9 | 1251100-102000 | Non-standard bolt M6×16 (304 stainless steel) | 1 | |
| 10 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 11 | 1274200-037000 | ZT310－R support of disc brake lock | 1 | |

PROCEDURE:

●L, foot pedal holder component

First remove the right side cover component according to the steps of "SIDE COVER COMPONENT".

Using 8# ring spanner remove the bolt(3). Insert strait screwdriver into slot (a) and open a little bit the spline rockerarm while pulling it out from gear shift axle of engine.

Using 6# inner hexagon socket remove 3pcs bolts(1)and(2),Pull open the protective rubber sleeve of rectifier and pull out two plugs, and remove the left foot pedal support component.

●Gear shift rod component

Remove the bolt(5)with 5# hexagon socket and remove the bearing cover(6); Separate the shift lever assembly from the left foot pedal bracket(8).

●Rectifier

Remove the two bolts(3) fixing the rectifier(4) with 8# sleeves and remove the rectifier(4) from the pedal bracket (8).

●Support of disc brake lock

Remove bolts(9)and (10) with 4# innerhexagon socket,and take off bracket(11).

●Rectifier fault detection

If the speed of the magneto is 3000-5000rpm and the load is within 200W, the measured battery voltage is stable and maintained at 14.5-14.9v, it is normal. On the contrary, the rectifier fails.

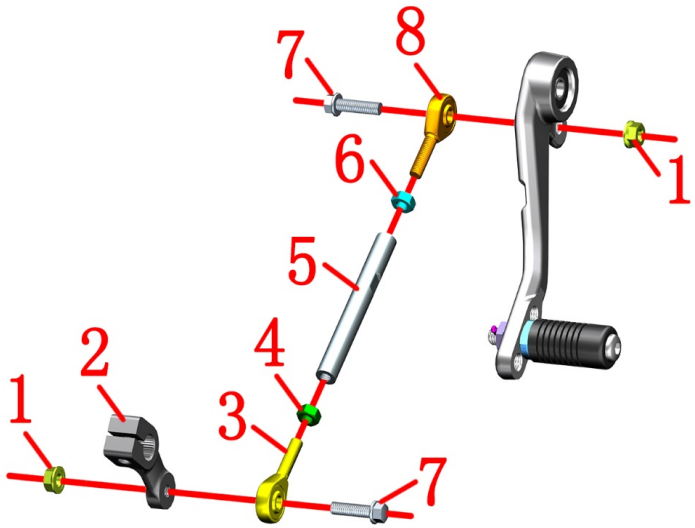
CAUTION:

●Support the motorcycle properly while disassembling in case it falls down.

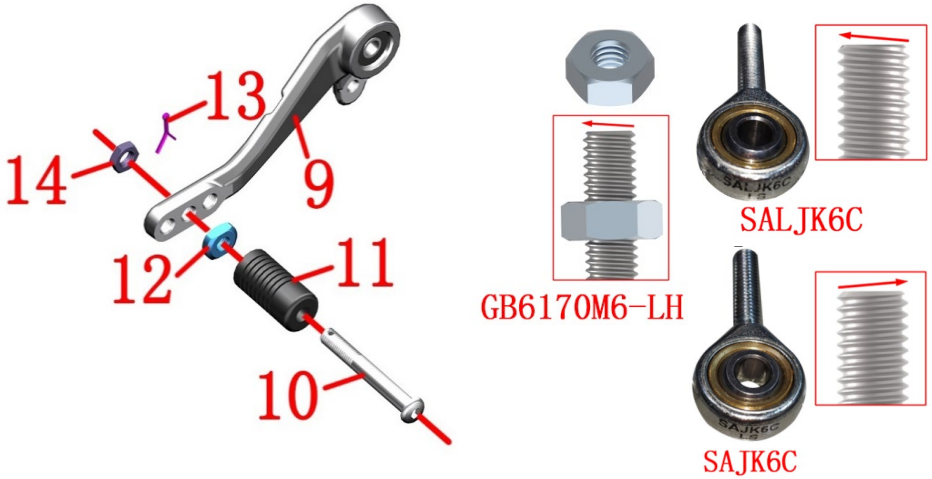
●Pay attention to the alignment of foot pedal holder washer and the lug boss while reassembling.

●Applying lubrification to the surface of cylinder of foot pedal holder can reduce resistance on gear shift rod.

●The bolt(5) should be checked regularly for looseness and thread fastening adhesive is recommended.




| Fig.7 FOOT PEDAL COMPONENT | | Left footrest component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250303-010093 | GB6177.1M6 (environmental protection color) | 2 | |
| 2 | 1271200-163000 | ZT250－S shift lever spline rocker arm(dark gray) | 1 | |
| 3 | 1274100-042000 | Miniature rod end ball bearing SAJK6C | 1 | |
| 4 | 1250301-020093 | GB6170M6 (army green) | 1 | |
| 5 | 1274300-026000 | ZT350 adjusting screw of gear shift lever | 1 | |
| 6 | 1250301-018093 | GB6170 M6－LH (army green) | 1 | |
| 7 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 2 | |
| 8 | 1274100-043000 | Miniature rod end ball bearing SALJK6C | 1 | |
| 9 | 4024300-029000 | ZT350－R shift lever rocker arm(lucluding bearings) | 1 | |
| 10 | 1274300-028000 | ZT350-R shift adjusting pedal | 1 | |
| 11 | 1244100-031000 | ZT250-S shift lever rubber sleeve | 1 | |
| 12 | 1251300-094000 | Nut M8(color zinc) | 1 | |
| 13 | 1250401-011093 | GB91φ2×15 (environmental color) | 1 | |
| 14 | 1250301-033000 | GB6172.1 M8 (color zinc) | 1 | |




PROCEDURE:

●Gear shift rod component

Fix bolt(7) with 8# sleeve,and remove nuts at both ends with 10# sleeve.Remove shift lever(9) and spline rocker arm(2).

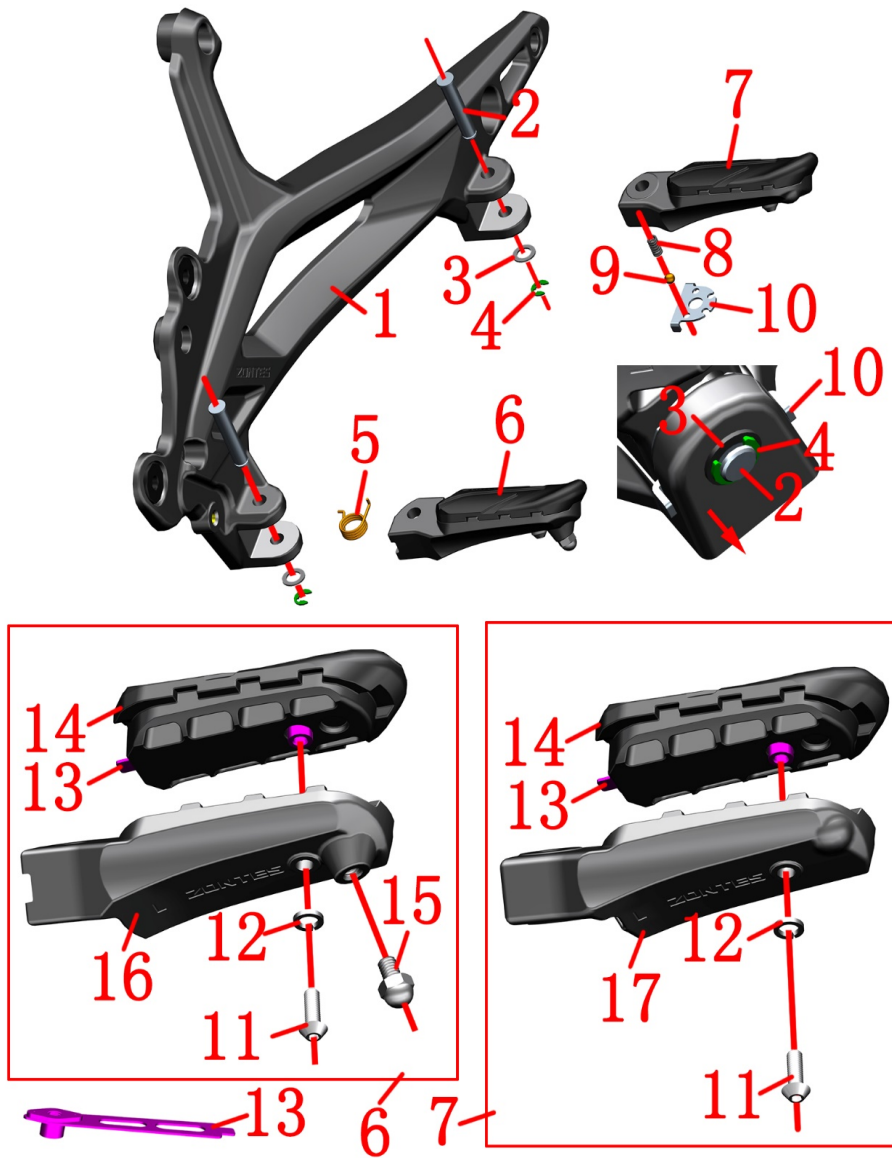
Use 8# open-ended wrench to fix screw(5),loosen nut (6)&(4) with a 10# open spanner. Take off adjusting screw(5). Separate bearing (8)&(3).

To replace the rubber sleeve of the shift lever,straighten the cotter pin(13) with pliers and remove it.Disassemble nut(14) with a 10# sleeve.Use 5# hex socket to remove foot bar component.Use 5# hex socket to fix the pedal rod (10).Remove nut(12) from pedal rod(10) with 12# open-ended wrench.The rubber sleeve can be removed.

CAUTION:

●Applying lubrification to the surface of cylinder of foot pedal holder can reduce resistance on gear shift rod.

●Pay attention to distinguishing the nuts at both ends of the knuckle bearing and the adjustment screw.(The one near the engine shift lever is right-handed. Left-handed near the foot pedal)




| Fig.8 FOOT PEDAL COMPONENT | | Left footrest component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4064300-022051 | ZT350 left pedal support (dark gray matte) | 1 | |
| 2 | 1274300-033000 | ZT350-R Pedal pin | 1 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 2 | |
| 4 | 1264100-006000 | ZT250－S Pedal circlip | 1 | |
| 5 | 1264100-003000 | ZT250－S front left foot pedal torsional spring | 1 | |
| 6 | 4064300-009051 | ZT350-GK front left pedal assembly (dark gray matte) | 1 | |
| 7 | 4064300-011051 | ZT350－GK L, rear foot pedal component | 1 | |
| 8 | 1260100-301000 | ZT350－R foot pedal steel ball spring | 1 | |
| 9 | 1274300-031000 | ZT350－R rear pedal steel ball(6.35) | 1 | |
| 10 | 1274300-032000 | ZT350－R rear pedal locating plate | 1 | |
| 11 | 1250205-038000 | GB70.2M5×12(stainless steel) | 2 | |
| 12 | 1250501-010000 | GB93φ6 spring pad | 2 | |
| 13 | 1274300-094093 | ZT350-Gk footrest gum cover fixed plate(5mm longer) | 2 | |
| 14 | 1244300-013000 | ZT310－T footrest gum cover | 2 | After-sales |
| 15 | 1251100-167000 | Non－standard ball head bolts M6×8 | 1 | |
| 16 | 4064300-005051 | ZT310－GK L, front pedal | 1 | |
| 17 | 4064300-007051 | ZT350－GK rear left pedal | 1 | |

PROCEDURE:

●Rear left pedal

Disassemble circlip(4). Take off buffer rubbe(3) and foot pedal pin axle(2). Then disassemble L, front pedal(6), R, foot pedal spring(5).

●L, rear foot pedal

Disassemble circlip(4). Take off buffer rubbe(3) and foot pedal pin axle(2). Then pull out L, rear foot pedal(7). Take down positioning plate(10),steel ball(9), spring(8).

●After sales parts for pedal component

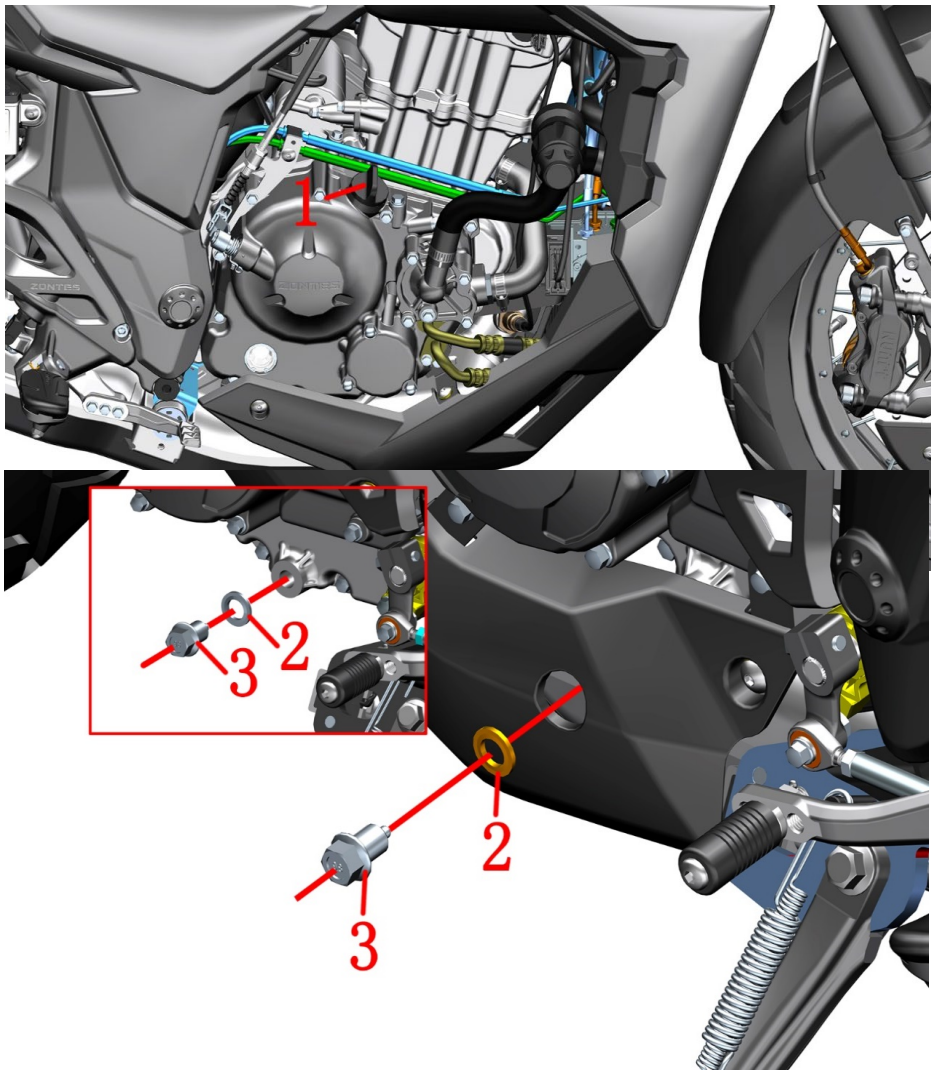
Hold tightly the L, front pedal(16). Disassemble bolt(15) with a 10# sleeve. Disassemble bolt(11) with 3# inner hexagon socket.Take off spring washer (12). Take off rubber(14), positioning plate(13)and L, front pedal(16). Only front pedal needs bolt(15). Foot pedal rubber(14), positioning plate(13), bolt(11),spring washer (12) are in common use.Each part use 1 piece for after sales purpose.

Hold tightly the rear left pedal(17), using 3# inner hexagon socket disassemble bolt(11).Take off spring washer(12). Take off rubber(14), positioning plate(13).

CAUTION:

●Spring(7) and stell ball(8) are relatively small,so be careful to lose them.

●Pay attention to the installation direction of pedal torsional spring.




| Fig.1 COOLING SYSTEM COMPONENT | | Change engine oil | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1051161-012000 | M24×2 oil filler plug | 1 | |
| 2 | 1244100-033000 | Combined sealing gasket 12×φ20×2 | 1 | |
| 3 | 1251100-066093 | M12×1.5×15 ablassschraube (color zinc) | 1 | 25N.m |

PROCEDURE:

●Drain oil

Park the motorcycle with side stand on flat ground.Place holder to collect wasted engine oil under the oil drain bolt.

Use a 14# sleeve to remove the bolt (3) on the left side of the engine and remove the combined gasket (2).

Drain with a suitable tool to prevent oil from polluting the muffler.

Rotate counterclockwise and unscrew the oil filler plug(1).

Wipe off the dirty oil with clean nonwovens. Be sure that the surface of oil draining bolt and sealing gasket are not scratched and has no inpurity before reassembling. Torque on bolt is 24±4N.m. Too strong will damage the thread. Too week will cause leakage of oil.

●Change engine oil

Add from opening on right crankcase of engine 1.6L(1.7L if oil filter is changed) new engine oil of SAE 10W-50/10W-40 with API SM degree or higher. Then tighten the oil filler plug(1).

Start the engine and test it under different rotation speed for 2 minuts. Check if the engine oil leaks.

Idle for 5 minutes and then shut down for 3 minutes. Observe the oil level through the oil window. If the liquid level is lower than the minimum oil level mark, add new oil to the maximum oil level mark. Check again for leakage according to the above method.

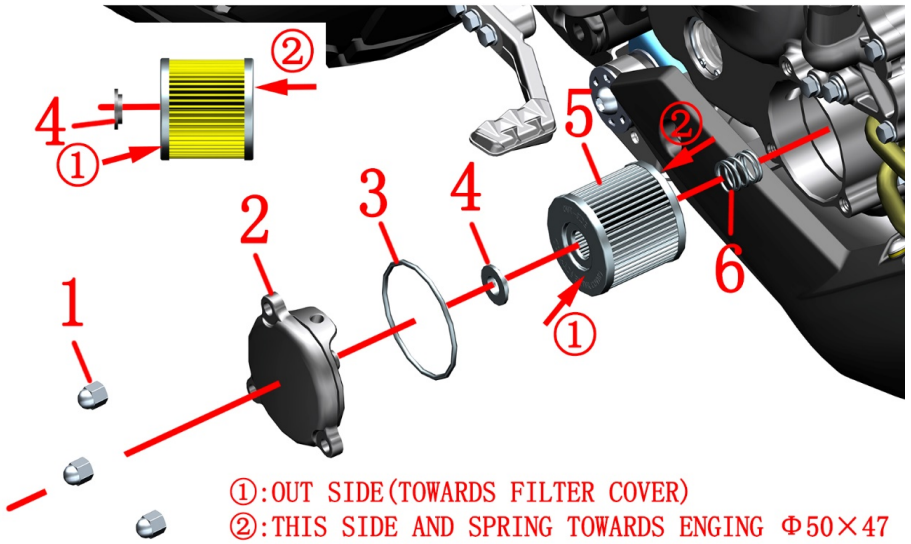
CAUTION:

●Disassembling the cooling system while the motorcycle is hot is prohibited. Wait until the engine and muffler cool down thoroughly for the manipulation.

●Wasted engine oil should be collected and hand over to qualified facilities for further treatment. Do not pour the oil anywhere and avoid pollution of environment and water source.

●Changing the draining bolt and sealing gasket every time when changing the engine oil is suggested.

●As the crankshaft connection rot has bearing bush, whild changing the engine oil, make sure the engine has at least 1L before starting the engine. If not, the bearing bush can be damaged or the crankshaft can be seized.




| Fig.2 COOLING SYSTEM COMPONENT | | Change engine oil filter | CHK / ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251300-096000 | Non-standard cover type 9 degree nut M6×13 (environmental color Zinc) | 3 | 【1】 |
| 2 | 4050454-014051 | ZT180MN fine filter cover A (dark gray) | 1 | |
| 3 | 1051454-020000 | 55×2.5 Hydrogenated nitrile rubber O-ring | 1 | After-sale |
| 4 | 1051454-005000 | ZT180MN Oil filter sealing ring | 1 | |
| 5 | 4134300-001000 | ZT184MP fine filter sealing assembly(carton packaging) | 1 | 【2】 |
| 6 | 1050853-009000 | Φ16.4×17×1.6 filter spring | 1 | |

PROCEDURE:

●Change engine oil filter

Place holder to collect wasted engine oil under right crankcase cover.

Using 10# sleeve disassemble nut(1). Rotate slightly engine oil refined filter cover(2) and take it off when it is loosen.

Remove O-ring (3) and sealing ring (4);Change engine oil filter(5).

Check if seal ring (3) is broken. Change the seal ring (4) along with engine oil filter is suggested.

When reassembling, pleas check carefully if the spring (6), seal ring (4) are well installed. Engine oil filter can not be turned over when assembling.(as shown in the left figure, ① face the fine filter cover; ② face the engine)

When assembling,first assemble the fine filter cover(2) and O-ring(3),and then cover it on the fine filter.

CAUTION:

●Ensure every component is well assembled.

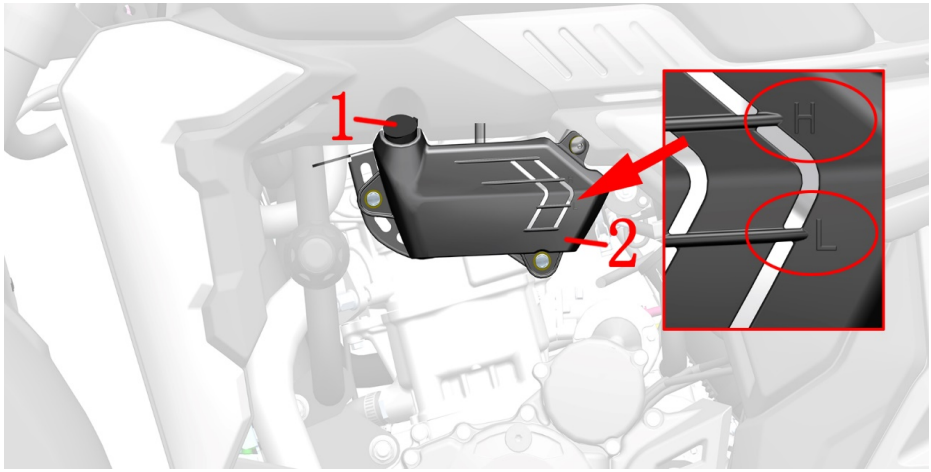
●It is recommended to replace the O-ring(3) when replacing the filter element. Check whether the sealing ring(4) is damaged. If not, clean it and replace it; If damaged, it must be replaced.

●Engine oil filter can not be turned over when assembling.

●Note that the seal ring (6) is facing the fine filter with the “OUT SIDE (TOWARDS FILTER COVER)” side. It is forbidden to install reverse or leak.

● 【1】Due to status change,if this nut needs to be replaced,3 pieces shall be replaced at the same time.

● 【2】The ZT184 refined filter seal component already included oil filter/55×2.5 O-ring (5) and ZT184MN Engine oil refined filter seal ring(6) .




| Fig.3 COOLING SYSTEM COMPONENT | | Add coolant | CHK / ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224300-018000 | ZT350－GK sub-water tank | 1 | |
| 2 | 1224300-034000 | ZT350－GK auxiliary water tank decorative cover | 1 | |

PROCEDURE:

●Add coolant

When the engine is completely cooled, the vehicle can be straightened to accurately check the liquid level. If it is lower than the "L" line, the coolant should be replenished in time. If the auxiliary tank has no or only a small amount of coolant, check the cooling system first, and remove the leak before adding it.

Park the vehicle with the side brackets; turn the direction to the right and turn to the bottom.

Open the lid of the sub tank (1) and add a small amount of coolant each time with a funnel. It is appropriate to reach the position of the F line when the liquid level of the coolant is used to support the vehicle.

CAUTION:

●Check regularly the cooling liquid surface. It should never be lower than "L" line.

●Change cooling liquid every two years is suggested.

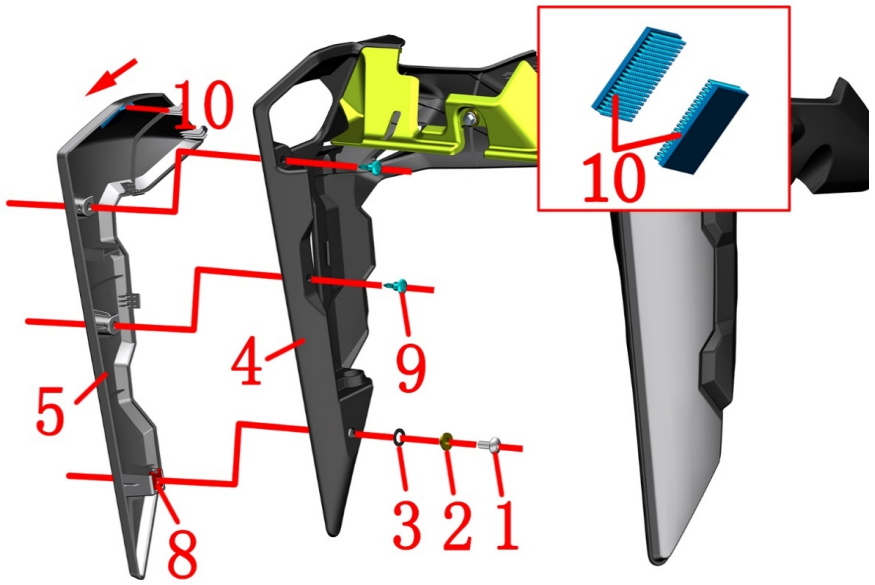
●Swallowing or inhaling cooling liquid would harm human body. Clean thoroughly the hands, face or explosing skin every time after adding cooling liquid. If cooling liquid is swalled by accident, please contact toxication center or hosipital. If it's inhaled, please move to open air. If it's spilt to the eye, clean it with big quantity of clean water and see doctor in time. Be sure the cooling liquid is far away from children or pets.

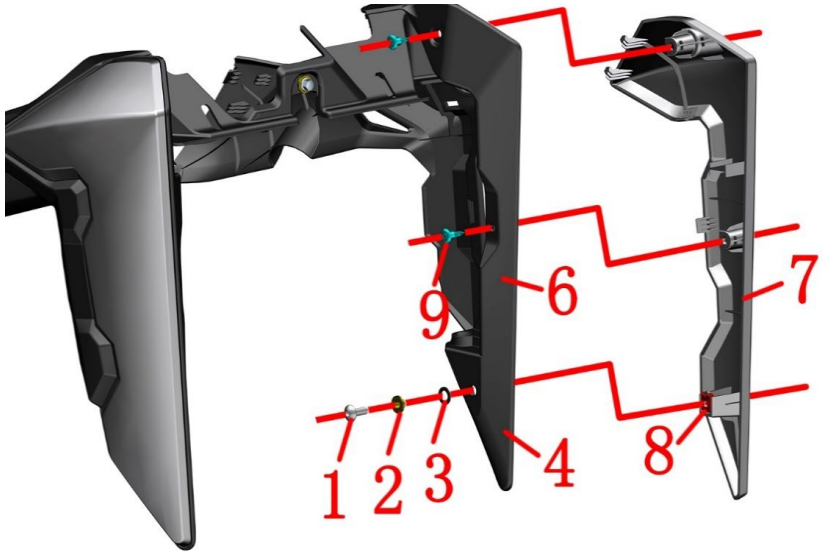
●Engine cooling liquid must be suitable for aluminum radiator. The basic should be glycol. Cooling liquid should be mixture of distilled water and concentrated cooling liquid under certain proportion. Be sure to choose cooling liquid which is suitable for your local extreamly low temperature. The freezing point should be lower than the local lowest temperature. Distilled water is the only kind of water acceptable. Other kind of water might cause corrosion to engine cooling system or other more severe problems.

●Total volume of cooling liquid is 1400ml.

●Cooling liquid might damage the coating of motorcycle. Be careful while adding. If it is spilt in small quantity, please clean it immediately with soft cloth.

●If water needs to be added,only disilled water can be added.Other water quality may corrode the engine and cooling system or sause serious consequences.




| Fig.4 COOLING SYSTEM COMPONENT | | Water tank decorative cover component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 2 | |
| 4 | 1224300-036000 | ZT350－GK bottom plate of right decorative cover of GK water tank | 1 | |
| 5 | 4044302-006005 | ZT350－GK bottom plate of right decorative cover of GK water tank (bright silver) | 1 | |
| 6 | 1224300-035000 | ZT350－GK bottom plate of left decorative cover of GK water tank | 1 | |
| 7 | 4044302-005005 | ZT350－GK left decorative cover panel of GK water tank (bright silver) | 1 | |
| 8 | 1251300-063093 | Plywood M6×11×15(color zinc) | 2 | |
| 9 | 1224100-010000 | ZT250－S swell nail | 4 | |
| 10 | 1251900-058000 | Mushroom buckle (25mm×25mm×T3.5mm) | 1 | |

PROCEDURE:

●Right water tank trim cover component

Use 4# inner hexagon to remove bolt (1), remove bushing (2) and cushion rubber (3).

Press down the middle part of the expansion nail (9) and remove the expansion nail.

Pull out the lower part of the right decorative cover panel, gradually pull out all the clips fixed on the decorative base plate, pull open the mushroom buckle(10), and finally pull out the decorative panel in the direction shown by the arrow in the upper left figure.

At the plane of mushroom buckle(10), one end is fixed on the decorative base plate and the other end is fixed on the decorative panel with double-sided adhesive tape. If it needs to be replaced, use a hot-air gun to heat it slightly, tear off the double-sided adhesive and clean up the residual adhesive.

●Left water tank trim cover component

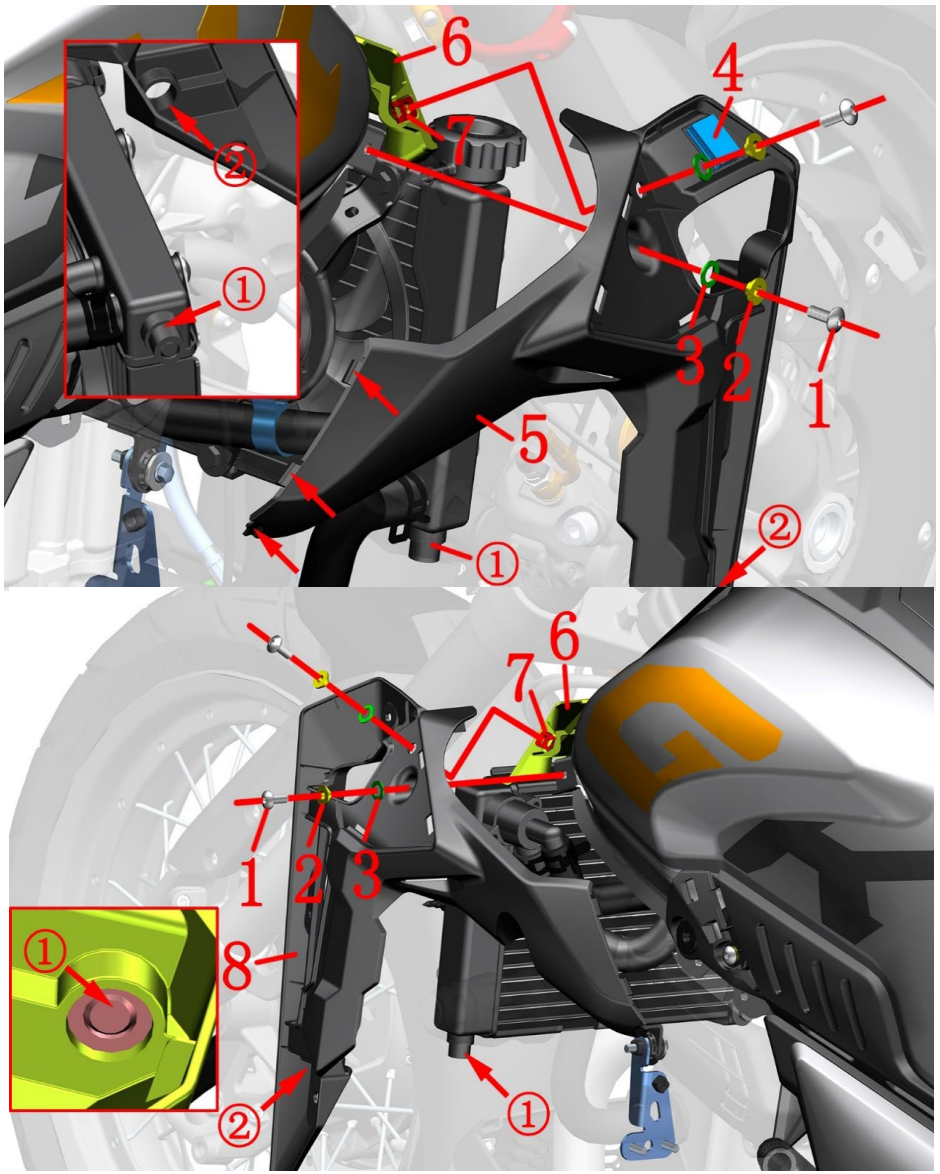
Refer to "right water tank trim cover component" for the disassembly of the left water tank decorative cover panel. There is no mushroom buckle on the left water tank decorative cover component.

CAUTION:

●When pulling out, directly pull out with force, and do not shake to both sides to prevent damage to the clip.

●Pay attention to protect the material surface.

●Manipulation should start after the engine is completely cooled down.




| Fig.5 COOLING SYSTEM COMPONENT | | Water tank decorative cover component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 2 | |
| 4 | 1251900-058000 | Mushroom buckle (25mm×25mm×T3.5mm) | 1 | |
| 5 | 1224300-036000 | ZT350－GK bottom plate of right decorative cover of GK water tank | 1 | |
| 6 | 1224300-037000 | ZT350－GK middle trim panel of water tank | 1 | |
| 7 | 1251300-063093 | Plywood M6×11×15(color zinc) | 2 | |
| 8 | 1224300-035000 | ZT350－GK bottom plate of left decorative cover of GK water tank | 1 | |

PROCEDURE:

●Bottom plate of right decorative cover of water tank

Use 4# inner hexagon to remove two bolts(1), remove bushing (2) and cushion rubber(3).Pull out all the clips fixed on the middle trim panel(6) of the water tank and the side cover assembly to pull out the bottom plate(5) of the right trim cover of the water tank, and remove the splint(7) on the middle trim panel(6) of the water tank. During reassembly, it shall be noted that ② on the bottom plate shall be buckled on ① of the water tank.

The plane of mushroom buckle(4) is fixed on the decorative base plate on one side and on the decorative panel on the other side with double-sided adhesive tape. If it needs to be replaced, use a hot-air gun to heat it slightly, tear off the double-sided adhesive and clean up the residual adhesive.

●Bottom plate of left decorative cover of water tank

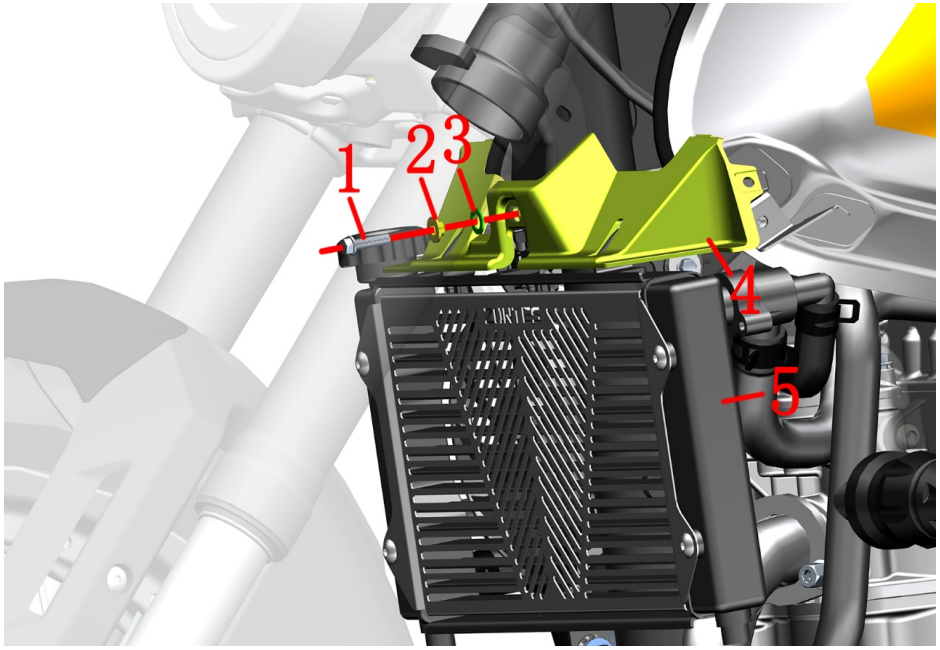
The disassembly of the bottom plate of the left decorative cover of the water tank can refer to the "bottom plate of right decorative cover of the water tank". There is no mushroom buckle on the left decorative cover component of the water tank.

CAUTION:

●When pulling out, directly pull out with force, and do not shake to both sides to prevent damage to the clip.

●Pay attention to protect the material surface.

●Manipulation should start after the engine is completely cooled down.




| Fig.6 COOLING SYSTEM COMPONENT | | Water tank decorative cover component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 1 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 2 | |
| 4 | 1224300-037000 | ZT350－GK middle trim panel of water tank | 1 | |
| 5 | 1274300-021000 | ZT350－GK main water tank | 1 | |

PROCEDURE:

●Middle trim panel of water tank

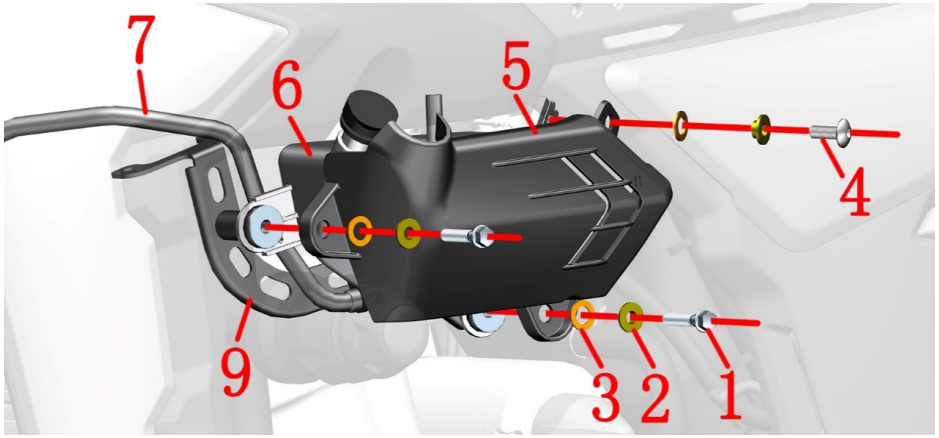
Remove the left and right trim cover panel components and the left and right trim cover base plate components in advance. Using 8# sleeve remove the bolt(1) , remove the flanging bushing(2) and buffer rubber(3)), and then remove the trim panel(4) in the middle of the water tank.

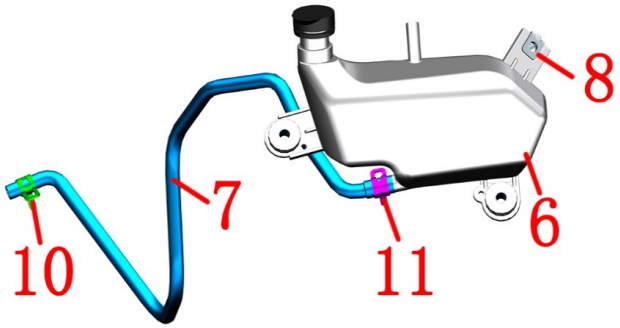
CAUTION:

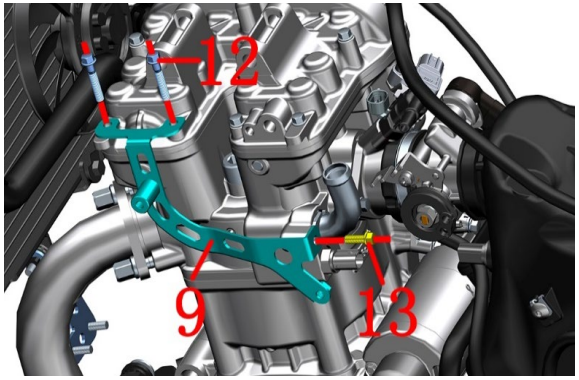
●Pay attention to protect the material surface.

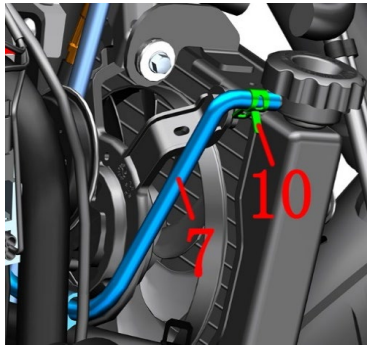
●Pay attention to the cable when taking out the trim panel in the middle of the water tank.

●Manipulation should start after the engine is completely cooled down.




| Fig.7 COOLING SYSTEM COMPONENT | | Auxiliary water tank component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251112-002093 | M6×30 Hexagon flange bolts (color zinc) | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 3 | |
| 4 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 1 | |
| 5 | 1224300-034000 | ZT350－GK auxiliary water tank decorative cover | 1 | |
| 6 | 1224300-018000 | ZT350－GK auxiliary water tank | 1 | |
| 7 | 1244300-006000 | ZT350－GK auxiliary water tank connection water pipe | 1 | |
| 8 | 1251300-063093 | Plywood M6×11×15(color zinc) | 1 | |
| 9 | 1274300-047000 | ZT350－GK auxiliary water tank bracket | 1 | |
| 10 | 1274200-079000 | ZT310 water pipe clamp(φ9) | 1 | |
| 11 | 1274200-088000 | ZT310 water pipe clamp(φ10.5) | 1 | |
| 12 | 1251100-070093 | M6×30 flange full thread bolt(graped 9.8/environmental color) | 2 | 12±1.5N.m |
| 13 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 1 | |

PROCEDURE:

●Auxiliary water tank

Using 8# sleeves remove two bolts(1), remove two bushings(2) and two buffer rubber(3) to remove the auxiliary water tank component from the auxiliary water tank bracket(9), and then remove the bolt(4) with 4# inner hexagon, remove the bushing(2) and buffer rubber(3), and then remove the auxiliary water tank decorative cover (5) from the auxiliary water tank (6). Remove the clamping plate (8) on the auxiliary water tank.

After wearing waterproof rubber gloves, put the auxiliary water tank assembly upside down (the auxiliary water tank cover faces down) into a plastic container.

Clamp the hoop(10) with pliers and pull it inside the water pipe, pull the connecting pipe(7) of the auxiliary water tank out of the main water tank, and then remove the hoop(10).

Vent the coolant in the auxiliary water tank.

Clamp the hoop(11) with pliers and move towards the inner side of the water pipe, pull the water pipe(7) off the auxiliary water tank, and then remove the hoop(11). Remove the auxiliary water tank(6).

●Auxiliary water tank bracket

If it is necessary to remove the auxiliary water tank bracket (9), use 8# plum wrench to remove two bolts(12) and one bolt(13) on the engine respectively, and then remove the auxiliary water tank bracket (9).

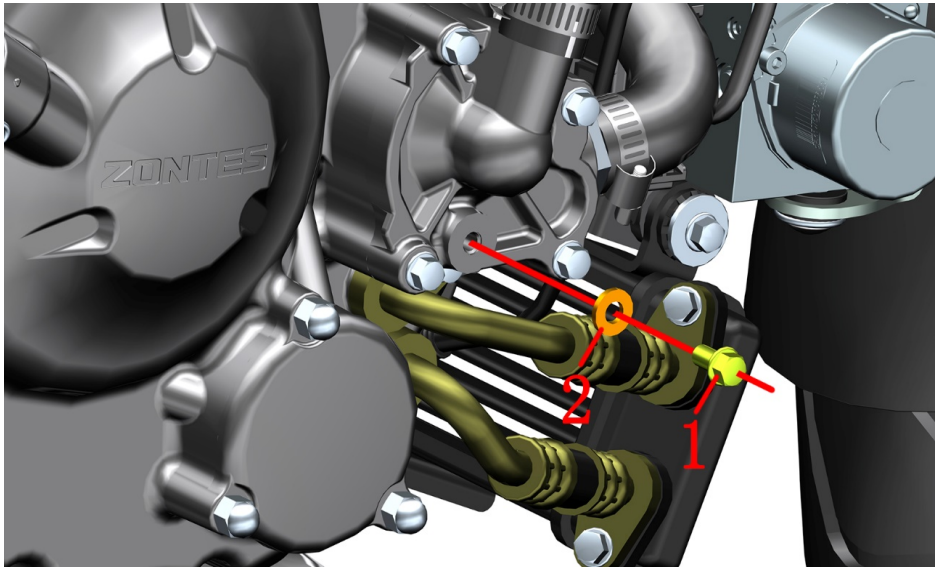
CAUTION:

●Remove the left cover component in advance.

●Disassembling the cooling system while the motorcycle is hot is prohibited. Wait until the engine and muffler cool down thoroughly for the manipulation.

●Cooling liquid should be collected and hand over to qualified facilities for further treatment. Do not pour the oil anywhere and avoid pollution of environment and water source.

●Be sure to wipe the connecting surface with clean nonwoven before reassembling.





| Fig.8 COOLING SYSTEM COMPONENT | | Draining cooling liquid | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-067093 | M6×10 top pin bolt (color zinc) | 1 | 12±1.5N.m |
| 2 | 1051654-002000 | Combination seal 6×13×1.8 | 1 | |

PROCEDURE:

●Drain the cooling liquid

Refer to the procedure of “Auxiliary water tank component” to empty the coolant in the auxiliary water tank.

After placing the oil pan or other container under the right side of the vehicle, tilt the vehicle to the right.

After wearing waterproof gloves with both hands, remove the bolt(1) with a 8# sleeve and remove the combination seal (2).

Drain the coolant with a funnel or other device.

Remove the right water tank trim panel,open the cooling liquid tank cover to accelerate the draining of cooling liquid in the cooling system.

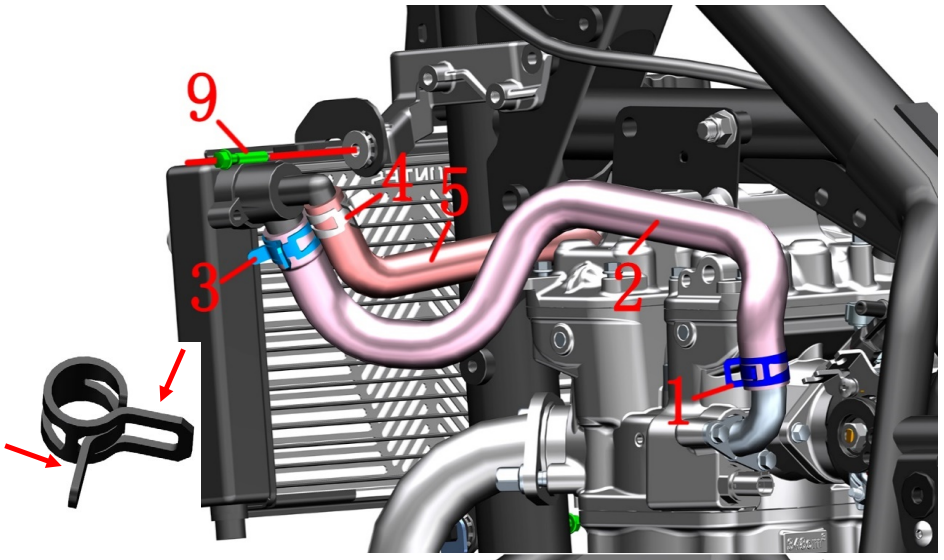
Wipe out all of the cooling liquid on surface every component with a clean cloth.

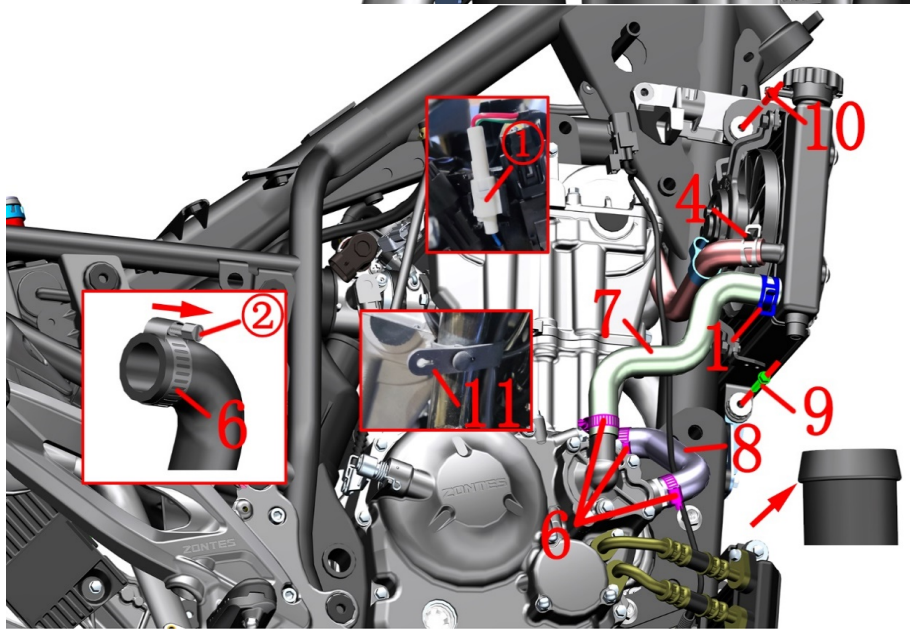
CAUTION:

●Motorcycle should be well supported.

●Manipulation should start after the engine is completely cooled down.

●Cooling liquid is toxic. Avoid strictly eye or skin contact.




| Fig.9 COOLING SYSTEM COMPONENT | | Main water tank component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274200-090000 | ZT310 water pipe clamp(φ26) | 2 | |
| 2 | 1244300-003000 | ZT350－GK engine outlet pipe | 1 | |
| 3 | 1274200-091000 | ZT310 water pipe clamp(φ27) | 1 | |
| 4 | 1274200-089000 | ZT310 water pipe clamp(φ22) | 2 | |
| 5 | 1244300-004000 | ZT350－GK small circulation water pipe | 1 | |
| 6 | 1274200-041000 | ZT310 water pipe clamp (φ26) | 3 | |
| 7 | 1244300-005000 | ZT350－GK engine water inlet pipe | 1 | |
| 8 | 1244200-012000 | ZT310－R water pipe of engine | 1 | |
| 9 | 1251100-070093 | M6×30 flange full thread bolt(graped 9.8/environmental color) | 2 | 12±1.5N.m |
| 10 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 1 | |
| 11 | 1244200-139000 | ZT310 rubber buckle (120mm) | 1 | |

PROCEDURE:

●Main water tank assembly

Unplug the fan plug ① from the fan plug holder on the guard bar on the right side of the vehicle, and untie the rubber wire buckle(11).

After wearing waterproof gloves, clamp the water outlet pipe(2) of the left water tank with pliers, connect the hoop(1) at the engine, remove the anti detachment boss upward, loosen the hoop(1), pull out the water outlet pipe (2), remove the hoop(1), and remove one bolt (9) fixing the water tank on the left with 8# sleeve.

Remove the right holding hoop(4) with pliers, pull out the small circulating water pipe(5), and remove the holding hoop(4).

Loosen the bolt ② on the clamp(6) in the direction indicated by the arrow with a slotted screwdriver, move the clamp (6) to the inside of the water pipe, pull out the water inlet pipe(7), and connect one end of the engine and the water outlet pipe(8). Remove three clamps(6)).

Hold the water tank with one hand,and remove one bolt(9) and one bolt(10) on the right side with other hand with 8# sleeve. Then remove the main water tank component.

CAUTION:

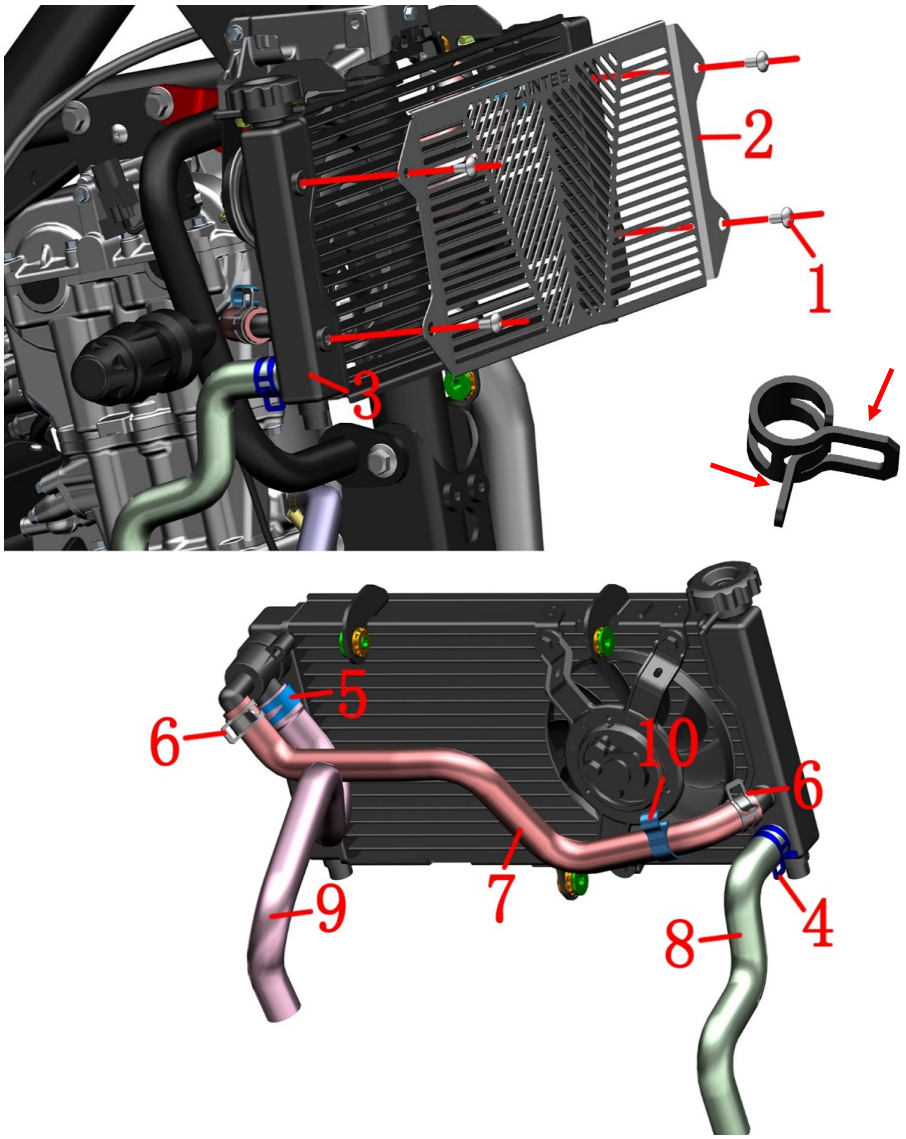
●Motorcycle should be well supported.Manipulation should start after the engine is completely cooled down.

●Manipulation should start after the engine is completely cooled down.

●Cooling liquid is toxic. Avoid strictly eye or skin contact.

●Do not disassemble the hoop with too strong force. If not, it will cause permanent deformation and lose elasticity, which will lead to leakage of cooling liquid.

●When reassembling, be careful that the clamps and hoops should be prevented from loosening on the inside of the boss.




| Fig.10 COOLING SYSTEM COMPONENT | | Main water tank component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 4 | |
| 2 | 1274300-056000 | ZT350－GKwater tank protection net | 1 | |
| 3 | 1274300-021000 | ZT350－GK main water tank | 1 | |
| 4 | 1274200-090000 | ZT310 water pipe clamp(φ26) | 2 | |
| 5 | 1274200-091000 | ZT310 water pipe clamp(φ27) | 1 | |
| 6 | 1274200-089000 | ZT310 water pipe clamp(φ22) | 2 | |
| 7 | 1244300-004000 | ZT350－GKsmall circulation water pipe | 1 | |
| 8 | 1244300-005000 | ZT350－GKengine water inlet pipe | 1 | |
| 9 | 1244300-003000 | ZT350－GKengine outlet pipe | 1 | |
| 10 | 1224300-050000 | ZT350－GK auxiliary water tank connecting water pipe clamp | 1 | |

PROCEDURE:

●Main water tank component

Using 4# hexagon socket Remove 4 bolts(1) .remove the water tank protection net(2).

After wearing waterproof gloves, clamp the hoop(5) with pliers and move towards the inner side of the water pipe.Loosen the hoop after the hoop(5) moves out of the anti -dropping boss.Unplug the engine water outlet pipe (9).

According to the previous steps, remove the small circulating water pipe(7) and the engine water inlet pipe(8), as well as two holding hoops(6) and one holding hoop(4).

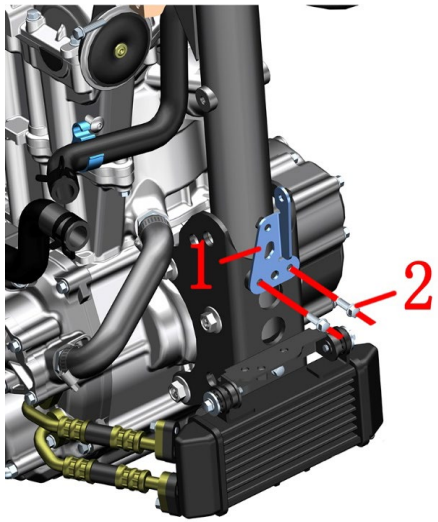
Remove the auxiliary water tank connecting water pipe clamp(10).

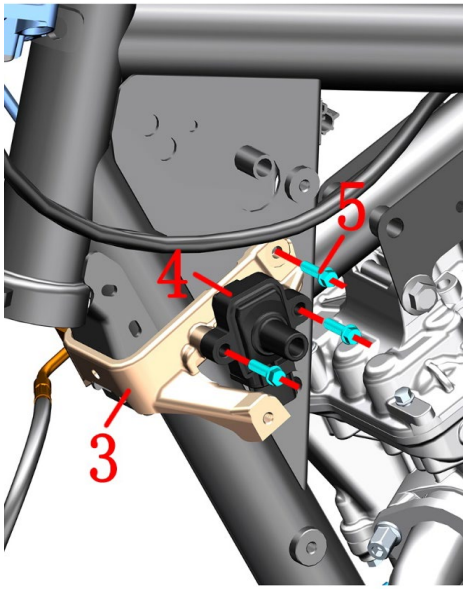
CAUTION:

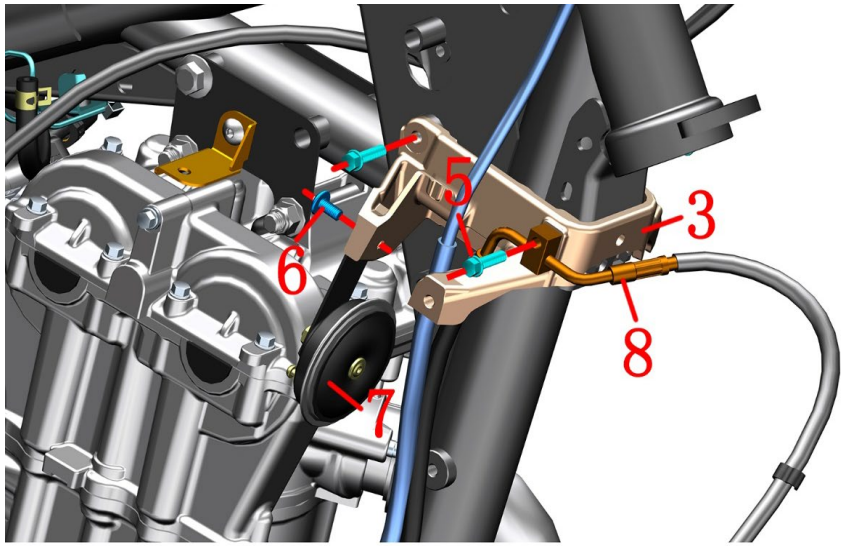
●Cooling liquid is toxic. Avoid strictly eye or skin contact. For more details, see "CAUTION" of previous page.

●Do not disassemble the hoop with too strong force. If not, it will cause permanent deformation and loseelasticity, which will lead to leakage of cooling liquid.

●The thickness of the radiating fins on the radiator is thin, so it cannot be cleaned with high-pressure water gun or high-pressure air gun. If the fin with small area is slightly deformed, try to adjust it gently with pick-up pin or small slotted screwdriver. If the deformation area is large or serious, it is recommended to replace it. Large area deformation of fins will affect the passage of air, resulting in poor heat dissipation effect and elevated water temperature.




| Fig.11 COOLING SYSTEM COMPONENT | | Water tank bracket | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274300-039000 | ZT350－GK lower bracket of water tank | 1 | |
| 2 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 2 | |
| 3 | 4024300-036000 | ZT350－GK upper bracket of water tank | 1 | |
| 4 | 1050958-006000 | ZT350 lgnition oil body | 1 | |
| 5 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 5 | |
| 6 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 7 | 1184200-004000 | ZT310 horn | 1 | |
| 8 | 1100100-824000 | ZT350－GK brake hosepipe FC－HU (A) | 1 | |

PROCEDURE:

●Lower bracket compnent of water tank

Using 4# sleeve remove the bolt(2) .Remove the lower bracket(1) of water tank from the frame.

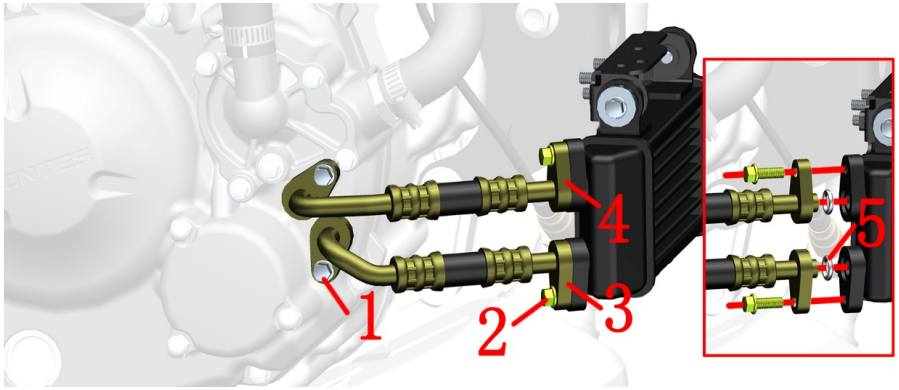
●Upper bracket compnent of water tank

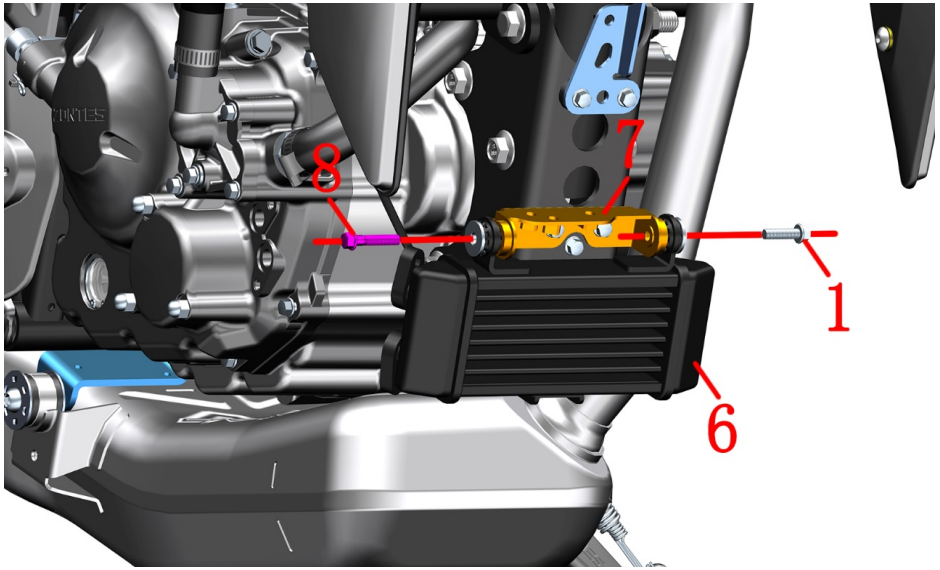
Unplug the connector of horn(7), using 4# hexagon socket remove the bolt(6),and remove the horn(7). Use 8# sleeve to remove two bolts(5) on the right side and place the removed brake hose(8).

Using 8# sleeve remove the 2 bolts on the left ignition coil(8),place the removed ignition coil body(4), and then remove the remaining bolt(5) to remove the upper bracket(3) of the water tank.

CAUTION:

●Remove the water tank trim cover conponent, main water tank component,water pipe and wiring box in advance.




| Fig.12 COOLING SYSTEM COMPONENT | | Oil cooler component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 3 | |
| 2 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 2 | |
| 3 | 1244300-007000 | ZT350－GK oil outlet pipe of engine | 1 | |
| 4 | 1244300-008000 | ZT350－GK oil inlet pipe of engine | 1 | |
| 5 | 1051454-025000 | 9.8×2. 4 Hydrogenated nitrile rubber O-ring | 4 | |
| 6 | 1274300-022000 | ZT350 oil cooler | 1 | |
| 7 | 1274300-036000 | ZT350－R upper bracket of oil cooler | 1 | |
| 8 | 1251112-002093 | M6×30 Hexagon flange bolts (color zinc) | 1 | |

PROCEDURE:

●Oil cooler component

First drain the oil according to the steps of "Change engine oil".

Place the oil receiving pan under the oil cooler, first remove the bolt(2) on the oil outlet pipe(3) with 8# sleeve, then remove the bolt(1) on the oil inlet pipe(4), and drain the oil in the oil cooler(6).

Then remove the remaining 1 bolt(2) and 1 bolt(1) fixing the oil pipe, and remove the oil inlet pipe(4), oil outlet pipe(3) and O-ring.

Remove one bolt(8) and one bolt(1) fixing the oil cooler with 8# sleeve, pull down the oil cooler(6) and pour out the residual oil.

CAUTION:

●Remove the lower shroud and hydraulic control unit component first.

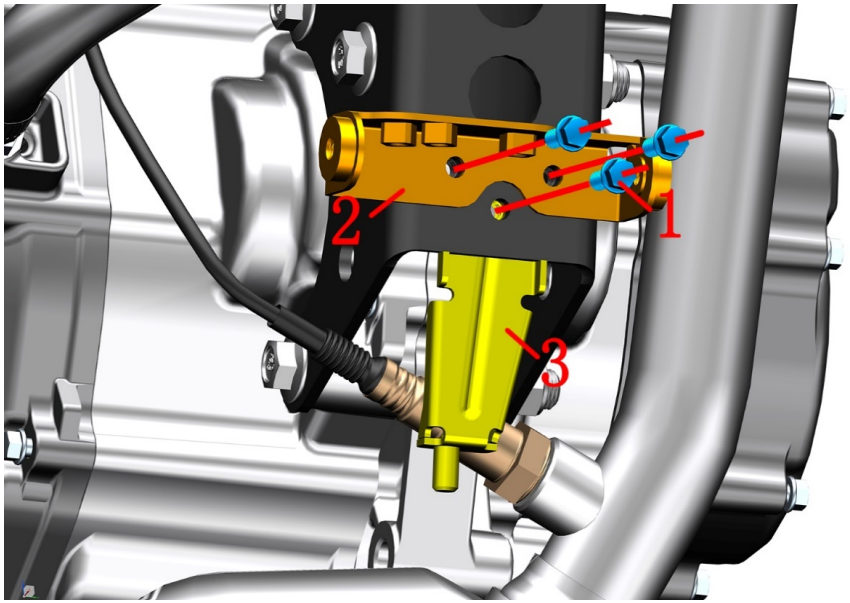
●Disassembling the cooling system while the motorcycle is hot is prohibited. Wait until the engine and muffler cool down thoroughly for the manipulation.

●Wasted engine oil should be collected and hand over to qualified facilities for further treatment. Do not pour the oil anywhere and avoid pollution of environment and water source.

●Do not disassemble the oil tube violently in case of deformation of bush.

●To avoil leakage, changing seal gasket and O-ring every time together with engine oil is suggested.

●Be sure to wipe the connecting surface with clean nonwoven before reassembling.




| Fig.13 COOLING SYSTEM COMPONENT | | Oil cooler component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251112-001093 | M6×16 Hex flange bolt(environmental color zinc) | 3 | |
| 2 | 1274300-036000 | ZT350－R upper bracket of oil cooler | 1 | |
| 3 | 1274300-037000 | ZT350－R lower bracket of oil cooler | 1 | |

PROCEDURE:

●Oil cooler bracket

Using 8# sleeves remove three bolts(1), and remove the upper bracket(2) and lower bracket(3) of the oil cooler from the frame.

CAUTION:

●It is necessary to remove the lower shroud and hydraulic contro unit componentls in advance.

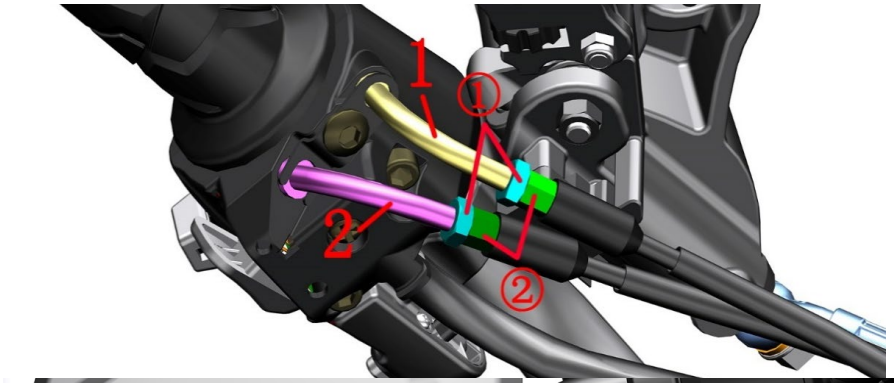
●Disassembling the cooling system while the motorcycle is hot is prohibited. Wait until the engine and muffler cool down thoroughly for the manipulation.

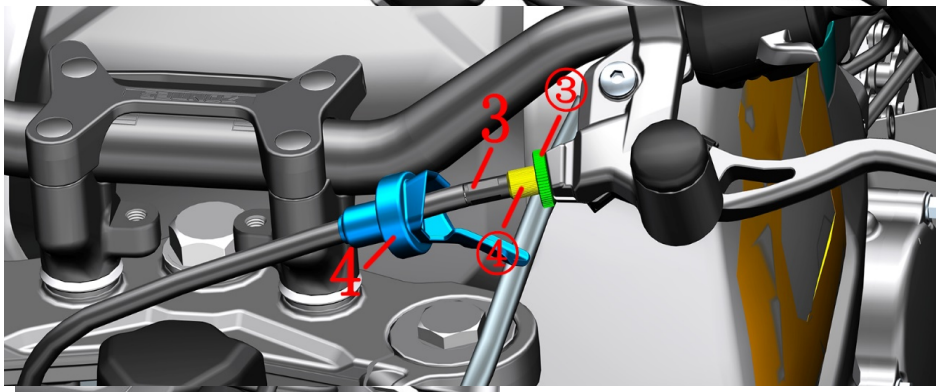
●Wasted engine oil should be collected and hand over to qualified facilities for further treatment. Do not pour the oil anywhere and avoid pollution of environment and water source.

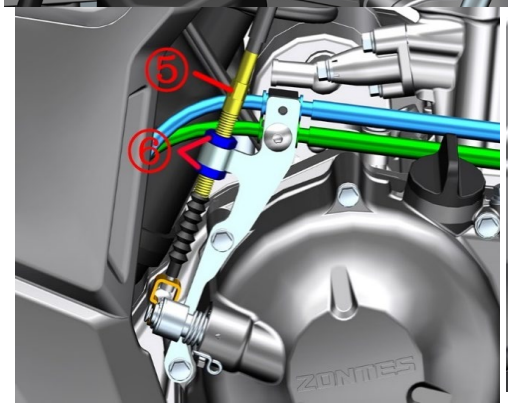
●Do not disassemble the oil tube violently in case of deformation of bush.

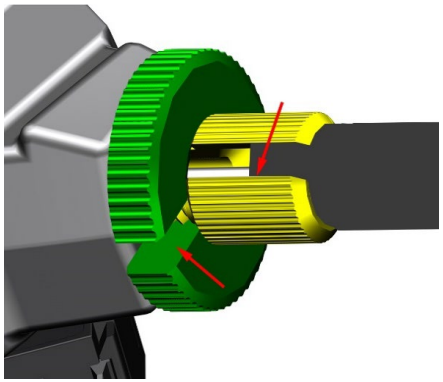
●To avoil leakage, changing seal gasket and O-ring every time together with engine oil is suggested.

●Be sure to wipe the connecting surface with clean nonwoven before reassembling.



| Fig.1 FRONT FORK COMPONENT | | Throttle/clutch cable clearance adjustmen | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1154300-002000 | ZT350-GK throttle refueling line | 1 | |
| 2 | 1154300-003000 | ZT350-GK throttle return line | 1 | |
| 3 | 1154100-011000 | ZT250-R clutch cable | 1 | |
| 4 | 1244200-046000 | ZT310-V clutch line sheath | 1 | |

PROCEDURE:

●Throttle cable

Fix the adjusting screw ② with 8# open-ended wrench, and then loosen the lock nut ① on the accelerator oil filling line (1) or oil return line (2) with 10# open-ended wrench. Turn the adjusting screw ② to adjust the clearance to 2 ~ 4mm. Lock the nut ① after adjustment.

●Clutch cable

Fine adjustment:

Lift the protective rubber sleeve (4) on the clutch rocker arm to the elbow of the clutch cable (3), loosen the nut ③ with pliers, rotate the adjustment screw ④, finally lock the nut ③, and then reset the dust jacket. After adjusting, pay attention to the nut ③, the adjustment screw ④ and the groove of the rocker seat should be staggered to prevent the cable from coming out.

Big adjustment:

If fine adjustment cannot be achieved, using 14# open spanner loosen the nuts ⑥, rotate the adjustment screw ⑤, and finally tighten the nuts ⑥.

CAUTION:

●The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.

●Throttle line adjustment should be noted as follows:

After adjustment, ensure that the throttle can be reset automatically. It is forbidden to increase the idle speed of the engine due to adjustment of the cable.

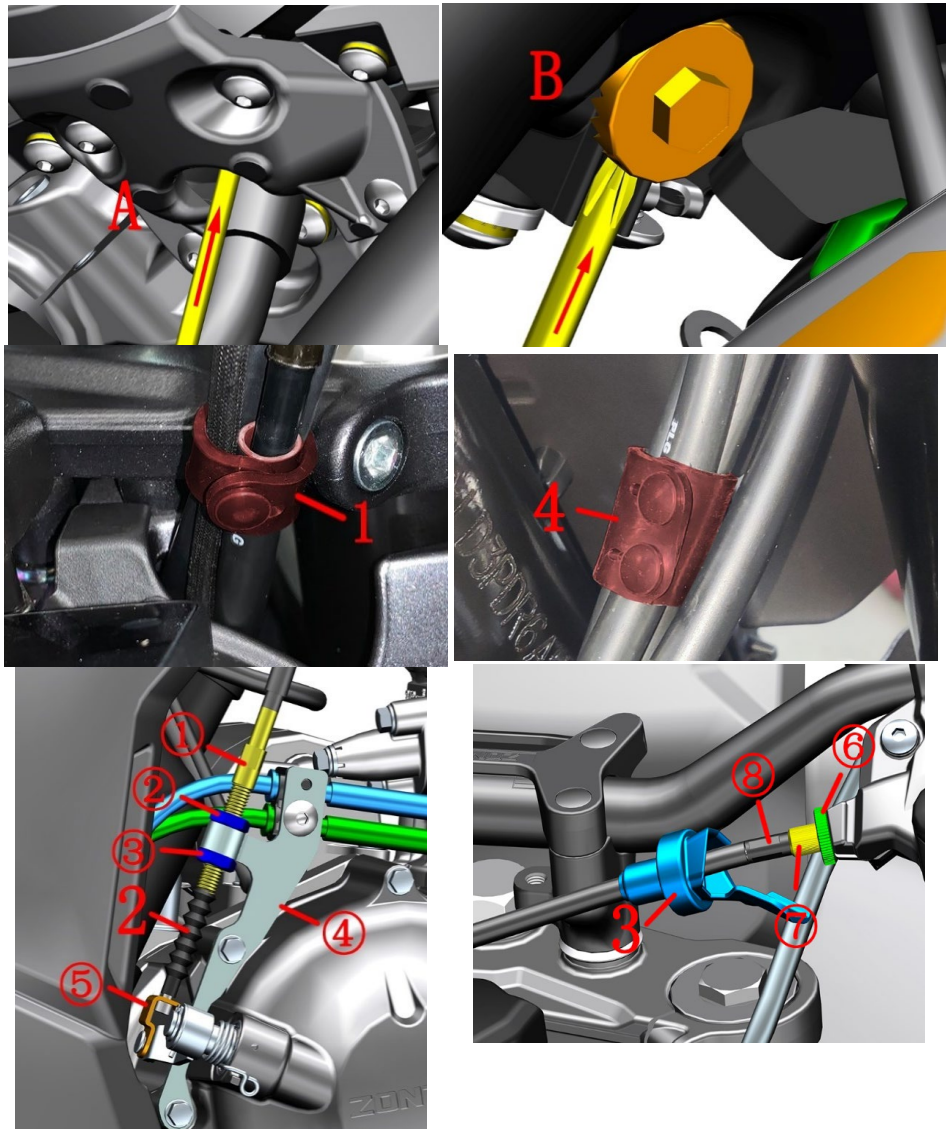
The engine idle speed rise cannot occur in the direction of rotation.

Checking the engine idle speed should be performed under the condition of a heat engine and should be at 1500 to 1700 rpm.

●The clutch adjustment should be noted as follows:

Excessive free travel can cause wear and malfunction of the clutch and gearshift mechanism.

After adjustment, be sure to stagger the nut, adjusting screw, and slot on the rocker arm to a certain position to prevent the cable from coming out of the slot.




| Fig.2 FRONT FORK COMPONENT | | light height adjustment,Replacement clutch cable | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244300-023000 | ZT310 rubber buckle (50mm) | 1 | |
| 2 | 1154100-011000 | ZT250-R clutch cable | 1 | |
| 3 | 1244200-046000 | ZT310-V clutch line sheath | 1 | |
| 4 | 1244300-042000 | ZT310 rubber buckle (double buckle type) | 1 | |

PROCEDURE:

●Light height adjustment

The rider sits on the bike and straightens the bike. Another person inserts a PH2 type Phillips screwdriver (diameter 6mm) into the hole near the lower link plate of the car,the arrows are inserted backwards as shown in Figure "A" and "B", aligns the adjusting bolt, rotates clockwise to increase, and counterclockwise to decrease the beam height.

●Remove the cluch cable

First untie the thread buckle(1)and wire buckle on the right side of the frame buckle(4) .Use 14# an open-end wrench to loosen the nuts ② and ③; fix the adjusting screw ①, rotate the nut ② up to the top of the thread of the adjusting screw, and screw the nut ③ to the bottom to completely separate from the thread. Separate the clutch wire core connector from the bracket ⑤, close the nut ③ to the black sheath with one hand, and remove the adjustment screw ① from the bracket ④ with one hand.

First, the protective rubber sleeve (3) is retracted to the elbow ⑧ and the nut ⑥ is loosened with the pliers; the nut ⑥ and the adjusting screw ⑦ are rotated to the same position as the groove on the rocker arm, and remove the cable from the rocker arm seat.

Remove the clutch cable.

Remove the protective sleeve (3) from the clutch cable (2).

●Install the clutch line

Put protective rubber sleeve (3) into clutch elbow.

After inserting the clutch line joint into the rocker arm, screw the nut ⑥ and the adjusting screw ⑦ to the groove on the rocker arm.

Assemble the clutch cable into place according to the original alignment.

Rotate the nut ② up to the top of the thread of the adjusting screw, and screw the nut ③ to the bottom to completely separate from the thread.

Take the nut ③ close to the black sheath with one hand and insert the adjustment screw ① into the bracket ④ with one hand.

Insert the clutch core connector into the hole of the bracket ⑤.

Initially position the nut ② first, adjust the free stroke adjustment in the clutch cable adjustment, and then lock the nut ③.

Finally, reset the protective rubber sleeve (3).

CAUTION:

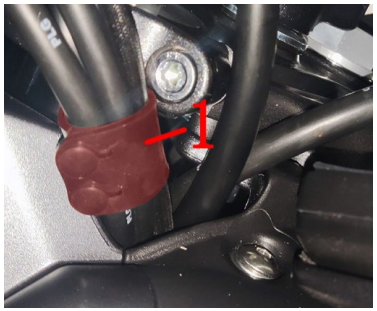
●Light height adjustment should be noted as follows:

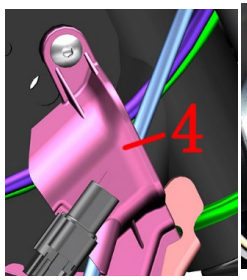
Too low or too high light levels can affect safe driving. The height of the lights should be properly adjusted according to whether there are changes in the weight of the occupants and the driver.

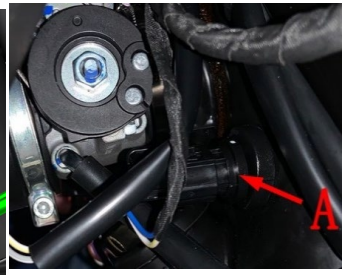
It is forbidden to adjust the light height during riding. It is advisable to adjust the road with a smooth road surface and a straight line distance of about 150 meters without affecting traffic safety at night.

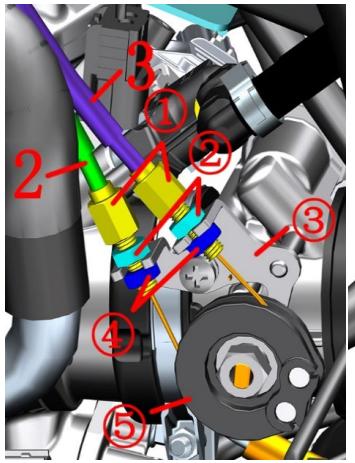
●The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.

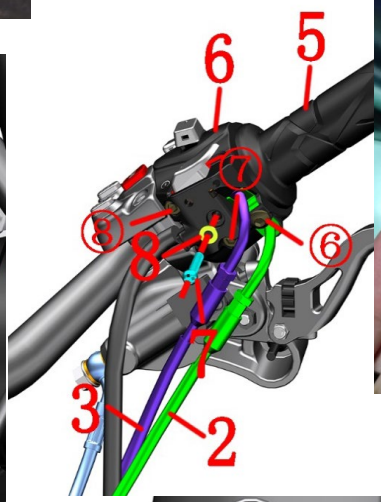
●Before replacing the clutch line, it is necessary to disassemble the seat cushion, fuel tank, liner, side cover, etc.

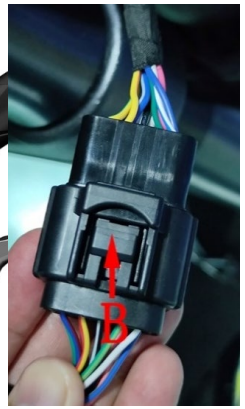


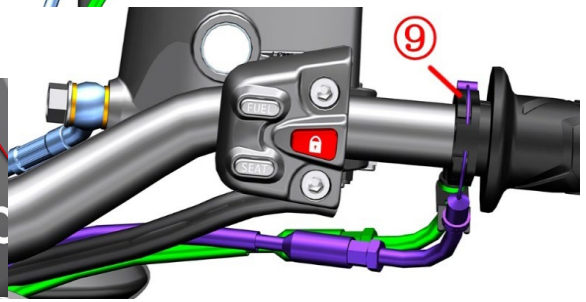








CAUTION:

●The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.

●Before replacing the clutch line, it is necessary to disassemble the seat cushion, fuel tank, liner, side cover, etc.

| Fig.3 FRONT FORK COMPONENT | | Replace the throttle cable | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244300-042000 | ZT310 rubber buckle (double buckle type) | 1 | |
| 2 | 1154300-002000 | ZT350-GK throttle refueling line | 1 | |
| 3 | 1154300-003000 | ZT350-GK throttle return line | 1 | |
| 4 | 1224300-068000 | ZT350-GK head wiring box | 1 | |
| 5 | 1244100-042000 | ZT250-R right handle bar rubber sleeve | 1 | |
| 6 | 1184200-185000 | ZT310-V1 right handlebar switch | 1 | |
| 7 | 1251100-219000 | Cross ball screw M5×30 | 1 | After-sales |
| 8 | 1251500-058093 | Non-standard flat padφ5×φ10×1(zine) | 1 | After-sales |

PROCEDURE:

●Disassemble the throttle cable

First untie the thread buckle (1).Pull off the temperature sensor of the air filter pointed by arrow "A".

Use 10# an open-ended wrench to screw the nut ② of the throttle refueling line (2) up to the bottom, and the nut ④ down to screw out the adjusting pipe ①; Remove the cylindrical joint of the oil filling line from the rotary table; Referring to the previous steps, first completely loosen the nuts ② and ④ of the throttle return line (3), remove the cylindrical joint from the rotary table, and then move the adjusting pipe of the throttle return line (3) upward over the bracket ③ on the throttle valve and pull it out.

Thread the throttle cable through the gap of the head wiring box (4).

Hold the right hand switch (6) with your hand and using 5# inner hexagon socket remove the bolts ⑥、⑦and ⑧ ,then use a cross-signment remove the bolt (7) and flat pad.(8)Switch the upper and lower parts of the switch.Pay atten tion to the wiring when re-installing and can not press on any cables.

Remove the throttle cable from the right hand and remove the rubber sleeve (5) from the core turntable ⑨, and then remove it from the cable hole in the lower part of the switch.

●Install the throttle cable

First pass the throttle cable into the cable hole in the lower part of the switch. Fit the cylindrical connector of the throttle cable into the turntable ⑨ on the right hand gripper (5).Return the oil return line card to the limit slot provided on the fuel line. Use a 5#inner hexagon socket lock the bolt ⑥ to a torque of 8 to 10 N·m.After the position of the switch mounting hole is aligned, screw the bolt ⑧ a few turns, then observe that the positioning hole at the lower part of the switch (6) is aligned with the steering handle, and then lock the bolt (7) and bolt ⑦. Finally, lock bolt ⑧. Reset the auxiliary switch and rocker arm assembly, and pay attention to aligning the symbols on the switch.

Install the throttle cable into the slot of the head wiring box (4).

Screw the nut ② of accelerator throttle refueling line (2) or throttle return line (3) up to the end with the open hand, and screw the nut ④ down out of the adjusting pipe ①.

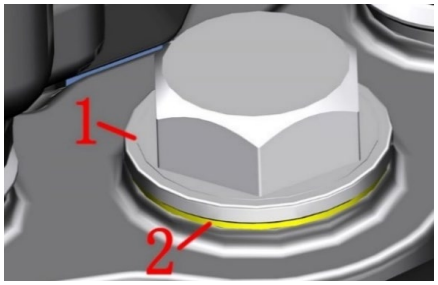
Put the oil return line into the bracket ③, and fit the connector into the turntable ⑤.

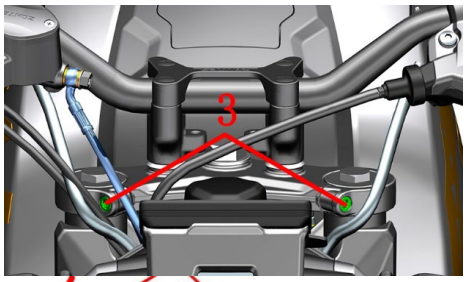
Put the oil line into the bracket ③, then turn the turntable ⑤ to a certain angle, and then insert the connector.

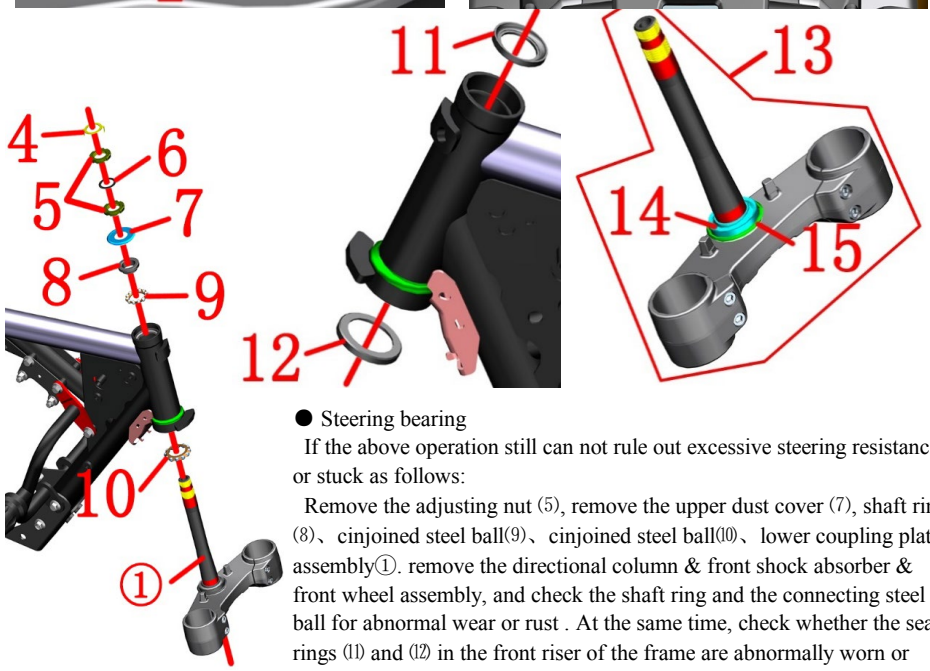
Refer to the method of adjusting the gap to adjust the throttle line clearance; after adjusting the left and right direction of rotation, there should be no change in idle speed and flexible reset. Lock nuts ② and ④.

●Right handlebar switch

Press the arrow "B" pointing to the buckle and pull out the plug of the right handlebar switch(6).




| Fig.4 FRONT FORK COMPONENT | | Steering adjustment | CHK / ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251300-088000 | ZT350-R upper connection decoration nut M22×1 | 1 | 100N.m |
| 2 | 1251500-100000 | φ22.5×φ39×1 gasket（chroming） | 1 | |
| 3 | 1250205-023000 | GB70.1 inner hexagonal M8×35 (color zinc) | 2 | 25N.m |
| 4 | 1134100-007000 | ZT250－S Adjusting nut locking washer | 1 | |
| 5 | 1251300-046093 | ZT250－S direction column adjusting screw nut M24X1 (environmental color zinc) | 2 | |
| 6 | 1244100-015000 | ZT250-S Adjusting nut rubber pad | 1 | |
| 7 | 1244300-014000 | ZT350-R upper dust cover | 1 | |
| 8 | 1130900-024000 | ZT250－S shaft ring | 1 | |
| 9 | 1130900-022000 | ZT250－S conjoined steel ball | 1 | |
| 10 | 1134300-002000 | ZT350－R conjoined steel ball | 1 | |
| 11 | 1130900-026000 | ZT250-S upper steel bowl | 1 | |
| 12 | 1134300-001000 | ZT350-R lower seat ring | 1 | |
| 13 | 4094300-002051 | ZT350-R lower coupling plate（including lower shaft ring and lower dust cover) | 1 | |
| 14 | 1134300-003000 | ZT350-R lower shaft ring | 1 | After sales only |
| 15 | 1244300-015000 | ZT350-R lower dust cover | 1 | |

● Steering bearing

If the above operation still can not rule out excessive steering resistance or stuck as follows:

Remove the adjusting nut (5), remove the upper dust cover (7), shaft ring (8)、cinjoined steel ball(9)、cinjoined steel ball(10)、lower coupling plate assembly①. remove the directional column & front shock absorber & front wheel assembly, and check the shaft ring and the connecting steel ball for abnormal wear or rust . At the same time, check whether the seat rings (11) and (12) in the front riser of the frame are abnormally worn or rusted.The newly replaced conjoined steel ball should be evenly greased, pay attention to the amount of grease.

CAUTION:

●The motorcycle should be fixed before operation. The material should be protected during the disassembly to prevent scratches.

●If the steering is adjusted too tightly, the steering force will be greater. If the steering is too loose, the front of the motorcycle will be slightly shaken during braking, and adjustments must be made according to the actual needs of the driver.

PROCEDURE:

●When the front fork is slightly swaying or when the direction handle is swung

Check if the pressure of the front tire is the recommended air pressure at room temperature: 280 kPa. If it is lower than the recommended air pressure, the front tire pressure should be inflated to 350 kPa first, and then deflated to 280kPa. If it is otherwise set the front wheel and turn to inspect the tire tread, if it is worn or deformed, the front tire needs to be replaced. If no, continue to operate.

●Check steering device

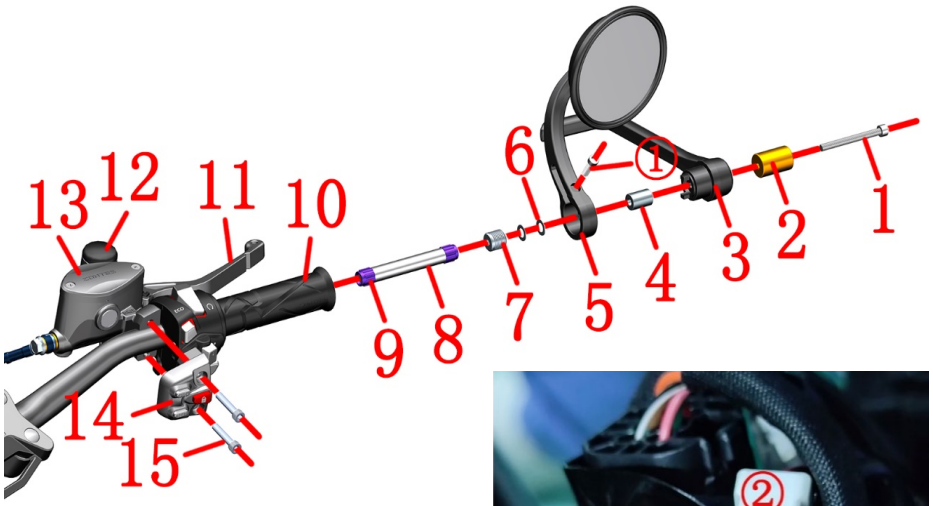
Set up the front wheel and shake the lower part of the fork by hand to check if the steering shaft is loose or if the left and right rotations are not flexible.

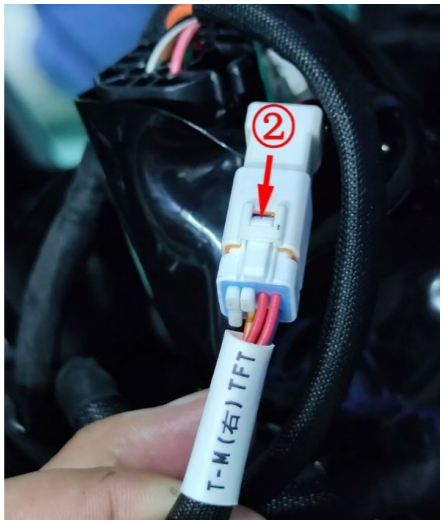
Adjust the adjustment nut:

Remove the trim nut (1) with a 30# ring spanner, remove the gasket (2), and remove the bolt (3) with 6# inner hexagon socket. The direction of the upper board assembly wrapped with a clean cloth and then placed to prevent scratches. Remove the lock washer (4); remove the upper adjustment nut (5) with a hook wrench and remove the pad (6).

If the steering resistance is too large, turn the lower adjustment nut (5) counterclockwise. If the brake is slightly swaying or swings, rotate clockwise. The torque is about 14N.m. It is appropriate.

When reassembling, the top adjusting nut only needs to be screwed to align with the bottom nut groove, so as not to over-tighten to avoid excessive deformation of the pad (6); the torque requirement of the decorative nut (1) is 100 N·m.




| Fig.5 FRONT FORK COMPONENT | | Right hand component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-128000 | GB70.1M6×60 (stainless steel) | 1 | |
| 2 | 1134300-010000 | ZT350-GK hand guard bar counterweight | 1 | |
| 3 | 1134300-007000 | ZT350-GK hand guard | 1 | |
| 4 | 1244300-041000 | ZT350-GK steering handle rubber block | 1 | |
| 5 | 1190100-427000 | KD150-G1 right rearview mirror (enlarged version) | 1 | |
| 6 | 1251512-046000 | 8.2×14×0.5 thrust washer (color zinc) | 2 | |
| 7 | 1251300-095000 | Inner M6 to outer M16 thread sleeve | 1 | |
| 8 | 1134300-009000 | ZT350-GK steering handle vibration absorber | 1 | |
| 9 | 1244300-036000 | ZT350-GK shock absorber rubberfor steering handle | 2 | |
| 10 | 1244100-042000 | ZT250-R right handle bar rubber sleeve | 1 | |
| 11 | 1100100-833000 | ZT350-GK front brake lever (machine addition) | 1 | |
| 12 | 1244100-095000 | ZT250-S Rearview mirror mounting hole rubber plug | 1 | |
| 13 | 1100100-831000 | ZT350-GK front disc main pump assembly（φ14） | 1 | |
| 14 | 1186200-012000 | ZT310T-M second generation right hand switch (dark gray TFT-500) | 1 | |
| 15 | 1250205-031091 | GB70.1M6×30 (stainless steel) | 2 | |

CAUTION:

●Remove the head part component first.

●The motorcycle should be fixed after horizontal support.

●Periodically check that the fluid level of the brake fluid is between 3/4 of the observation window.

●Do not flush the cup directly with high pressure water.

●The right handlebar refers to the switch to replace the throttle line.

●The joint between the front disc brake main pump and the half cover should be aligned with the right hand to match the triangle on the switch.

PROCEDURE:

●Right rearview mirror, Hand guard

Using 5# inner hexagon socket remove bolt (1),remove the counterweight (2),remove the bolts ①,take off the hand guard (3), rubber block(4),rearview mirror (5),then take out the rubber sleeve (10).

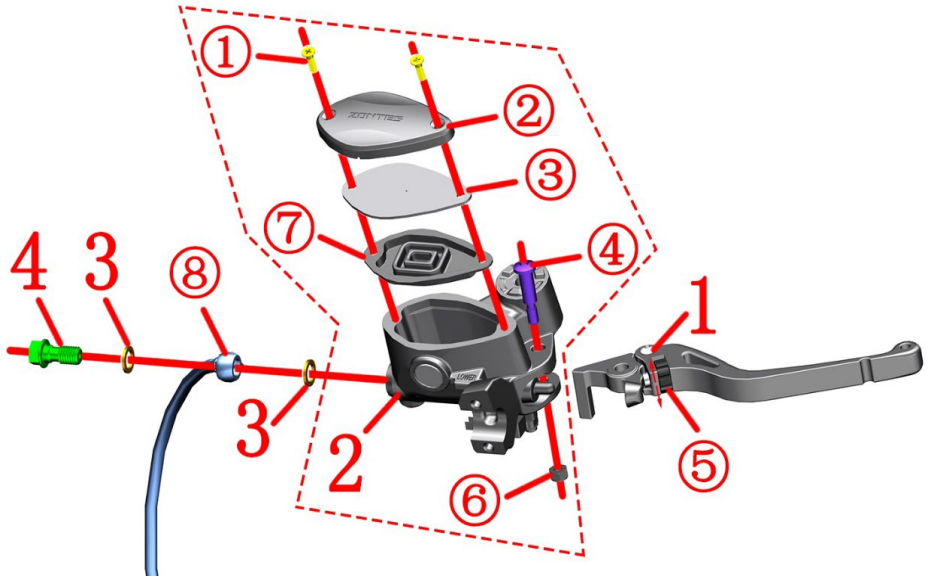
Remove the threaded sleeve (7) with 6# inner hexagon socket. Screw the bolt (1) into the vibration absorbing rod (8) with 5# inner hexagon socket, grasp the head of the bolt (1), pull it out, and remove the vibration absorbing rod (8) and buffer rubber (9).

●Generation right hand switch

Find and press the snap indicated by arrow②,then take off the plug of the generation right hand switch.

Fix the main pump (13) of the front disc brake with one hand, and remove the bolt (15) with 5# inner hexagon socket tool with the other hand, and remove the right auxiliary handle switch (14).

When assembling the auxiliary switch, first screw the bolt about 10 turns, align the triangle symbol of the handle switch, tighten the upper bolt, and then tighten the bottom bolt.




| Fig.6 FRONT FORK COMPONENT | | Add brake fluid, rocker adjustment | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1100100-833000 | ZT350-GK front brake lever (machine addition) | 1 | |
| 2 | 1100100-831000 | ZT350-GK front disc main pump assembly（φ14） | 1 | |
| 3 | 1251513-013000 | Disc brake pipe copper washer φ 15× φ 10.2 × 1.5 | 2 | |
| 4 | 1251100-112000 | Disc brake pipe bolt M10×1-22 | 1 | 32N·m |

CAUTION:

●The motorcycle should be fixed after horizontal support and check.

●Periodically check that the fluid level of the brake fluid is at 3/4 of the observation window.

●If the liquid level is under "LOWER", check the brake disc wear and brake system for leaks.

●If you swallow the brake fluid, contact poison control center or hospital immediately; if you get into your eyes, seek medical attention immediately after flushing with clean water.

●Keep brake fluid away from children and pets.

●Do not flush the cup directly with high-pressure water.

●Do not mix water, dust, impurities, and silicic acid or petroleum-based liquids, as this may cause serious damage to the brake system.

PROCEDURE:

●Front disc brake main pump

Fix the front disc brake main pump, remove the bolt (4) and copper pad (3) with a 12# sleeve, and do not disassemble if it does not need to be replaced. Always replace the tubing connector ⑧ at a high level to prevent air from entering the tubing and cause brake failure. Also clean oil should be removed to prevent dripping onto parts such as covers or mufflers. After replacement, be sure to hold the handle (1) continuously and tap the main pump (2) of the disc brake at the same time to eliminate a small amount of gas entering the brake oil circuit and confirm that the braking returns to normal.

●Handle

Rotate the adjusting nut ⑤ to adjust the distance between the handle and the handle rubber sleeve to adapt to the hand feeling of different drivers.

If the handle needs to be replaced, fix the bolt ④ with 5# inner hexagon socket tool, and then remove the nut ⑥ with 10# sleeve or double offset ring spanner; Remove the bolt ④ and then remove the handle (1).

●Add brake fluid

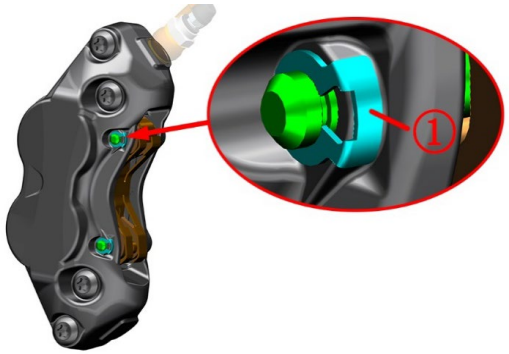
Before driving the motorcycle, check whether the brake fluid level is above the “LOWER” marking. If not, check the brake disc or brake disc for wear and whether there is any oil leakage or oil leakage in the brake system. Abnormal needs to add brake fluid.

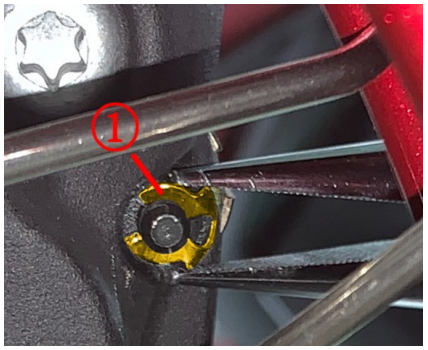
The brake fluid can only be added after the motorcycle is fixed horizontally.

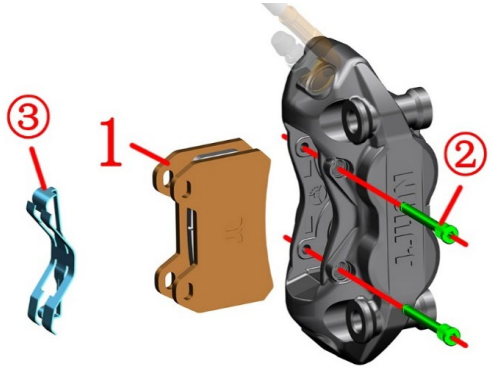
Remove the bolt ① with a Phillips screwdriver and remove the upper cover②, the cover plate③, and the seal gasket ⑦.

Add DOT4 brake fluid to 3/4 of the transparent observation window of the front disc brake master pump.

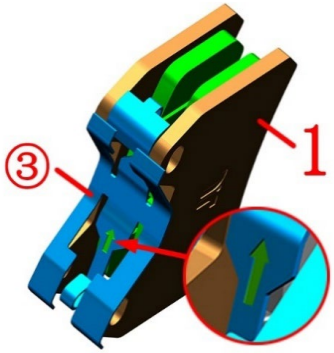
Be sure to clean the foreign body before reassembling it.

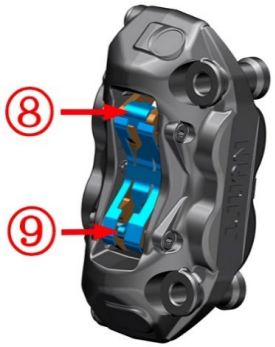







| Fig.7 FRONT FORK COMPONENT | | Replace the front brake pads | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1100100-827000 | ZT350-GK front radial caliper brake pad | 1 | After-sales |

PROCEDURE:

●Replace the front brake pad

Clamp the circlip ① with pointed nose pliers, pull it out and remove the two circlips.

Remove the upper pin shaft ② and then the lower pin shaft with T25 inner hexagon socket ring wrench.

Remove the spring plate ③ and the brake plate (1).

Clean the dust and other foreign matters on the outer edge of the piston and the pin shaft.

Use a cross screwdriver to remove the bolt ④ on the front disc brake main pump assembly, and remove the upper cover ⑤, cover plate ⑥ and sealant pad ⑦.

Push the piston all the way in the direction of the arrow.

Restore the front disc brake main pump assembly, and be sure to assemble it accurately.

Install the two brake pads (1) back into the caliper, and install the shrapnel (3) between the two brake pads. During assembly, the direction indicated by the arrow in the shrapnel shall be above.

Press and hold the plate body indicated by arrow ⑨ inward in the direction of the arrow, and insert the pin shaft ② into the hole to fix the brake pad (1). Tighten the pin shaft ② with T25 inner hexagon socket ring wrench.

Press and hold the plate body indicated by arrow ⑧ inward in the direction of the arrow, and insert the pin shaft ② into the hole to fix the brake pad (1). Tighten the pin shaft ② with T25 inner hexagon socket ring wrench.

Install the two circlips ① back onto the pin shaft. The buckle is assembled in place after it makes a sound. When assembling the circlip, pay attention that the flanging shall face outward. If the circlip is deformed, it can be corrected with a hammer with appropriate force.

Hold the brake handle repeatedly until the braking force is restored.

CAUTION:

●The motorcycle support should be fixed before operation.

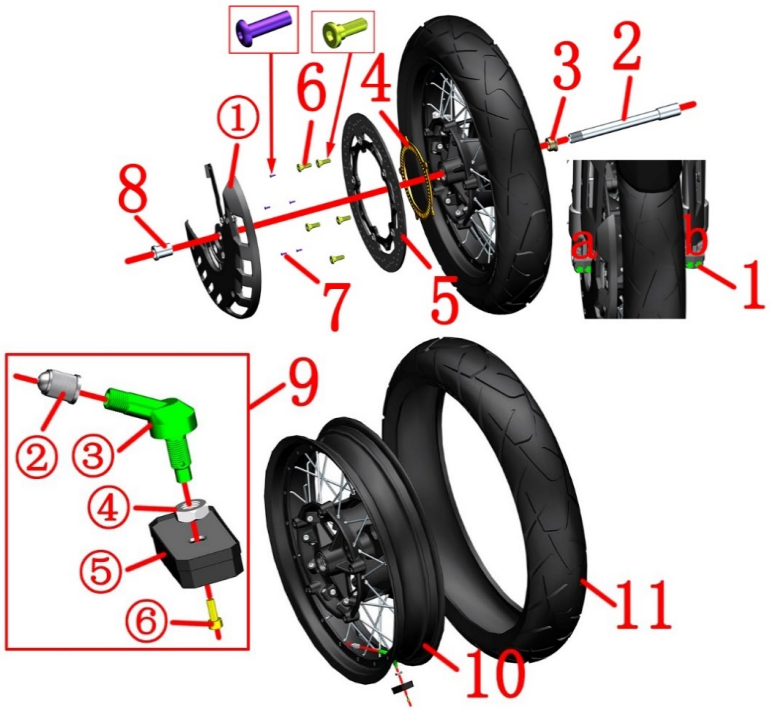
●Check the brake discs and brake discs regularly for wear. Regularly check if the brake fluid level in the observation window of the front disc brake master pump is 3/4.

●It is strictly prohibited to disassemble the oil pipe bolts and gas discharge nozzle bolts when replacing the brake pads to prevent air from entering the pipeline and causing brake failure.

●Do not shake the front after disassembling the front brake oil cup cover to prevent the brake fluid from overflowing.

●After replacing the brake pads, the new brake pads should be operated for about 300 km to fully run in order to achieve the best braking effect. Take care to leave enough braking distance during running-in.

●It is recommended to replace brake pads in pairs with qualified maintenance units.




| Fig.8 FRONT FORK COMPONENT | | Front wheel component | CHK ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-023000 | GB70.1 inner hexagonal M8×35 (environmental color) | 4 | 20N·m |
| 2 | 1094100-063000 | ZT310T-M front wheel hollow shaft Φ20×243 | 1 | |
| 3 | 1274300-008000 | ZT350-GK front tire shaft sleeve（φ20×φ28×15.5/shoulder φ34） | 1 | |
| 4 | 1274300-007000 | ZT350-GK ABS induction ring gear (60 teeth) | 1 | |
| 5 | 1100100-783000 | ZT350-GK front brake disc plate(320×5.0) | 1 | |
| 6 | 1251100-117093 | Non-standard inner hex bolt M8×25(color zinc) | 5 | 22～24N·m |
| 7 | 1250402-001091 | GB12615φ3×10 | 5 | |
| 8 | 1094100-037000 | ZT250-R front wheel right fixed bushing | 1 | |
| 9 | 1184300-021000 | ZT350 tire pressure sensor（M8 elbow/120°） | 1 | |
| 10 | | ZT350-GK front spoke wheel | 1 | |
| 11 | 1230100-566000 | 120/70ZR17 CM-A1S 58W TL E4 | 1 | |

PROCEDURE:

●Tire and wheel component

Remove 2 bolts (1) on the left front shock absorber bottom barrel "b" with 6# inner hexagon socket. First hold the front wheel, then remove the hollow shaft (2) with 17# inner hexagon socket, remove the left shaft sleeve (3), move the front wheel assembly and the disc brake disc protective cover (1) downward, and remove the disc brake cover assembly and the front wheel assembly. Remove the two bolts (1) of the right front shock absorber bottom barrel "a" and remove the right fixed shaft sleeve (8).

●Brake disc, ABS ring gear

Using 6# inner hexagon socket remove 5pcs bolts(6),Protect the brake disc (5) around the rivet (7) with masking paper or double-sided adhesive tape, and then grind the rivet (7) off the drum with a small grinder, then take off the ABS ring gear (4) and the disc (5).

●Tire and wheel component

First unscrew the valve cap ② and drain the air. Remove the tire (11) with a professional tire puller. When pulling the tire, avoid the position of the tire pressure sensor. Remove bolt ⑥ with 2.5# inner hexagon socket, remove tire pressure sensor ⑤, remove nut ④ with 12# sleeve, and then remove air nozzle ③.

CAUTION:

●Use a suitable tool to support the motorcycle to prevent accidents caused by dumping during disassembly.

●Take care when disassembling tires and rims to prevent damage to the material.

●After replacing the tire, check for leaks and balance.

●It should not be used because the tire self replenishment may block the air hole of the tire pressure monitoring sensor, resulting in inflation difficulty or tire pressure monitoring failure.

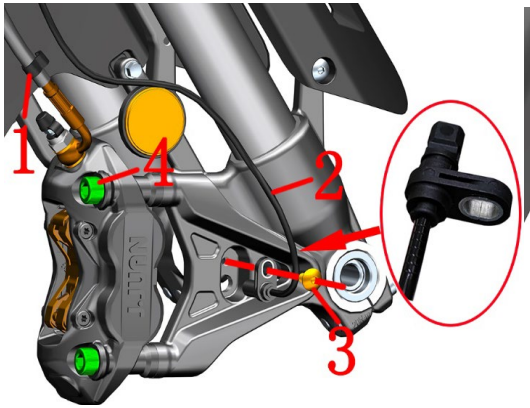
●Maintenance items

Tires: regularly check whether the tires have cracks, cracks, air pressure, etc. If the tire has been worn to the tread wear mark, the tire of the same specification and model must be replaced. Refer to the relevant contents of the manual for details. Tires are not suitable for use in areas with low temperatures. When the outdoor temperature is too low, it is recommended to store the vehicle in a place with high temperature or indoors to prevent frost cracking. Normal temperature: 280kpa.

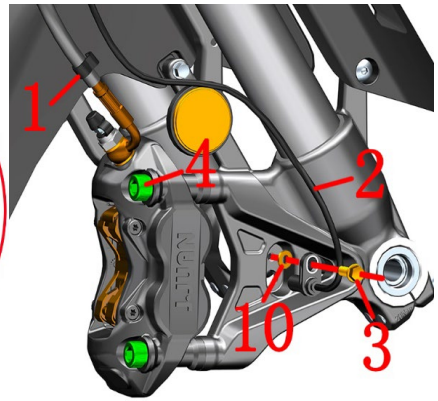
Rim: check the rim for deformation, cracks and other defects. Support the rim horizontally and rotate it to check whether there is clamping stagnation, swing, etc.

Rim oil seal: TC φ42×φ28×7, Bearings: Dimensions φ42×φ20×12, madel: 6004-2rs. Axle: check whether there is deformation and bending with a dial indicator.

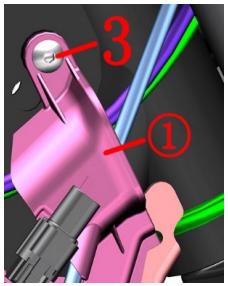
Brake disc: After replacing the brake disc, the new brake disc should be operated for about 300 kilometers to fully run in order to achieve the best braking effect. Be careful to leave enough braking distance during running-in.



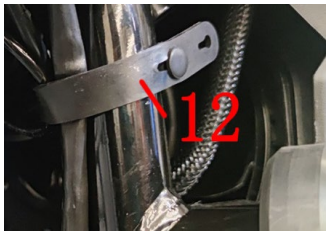

Old

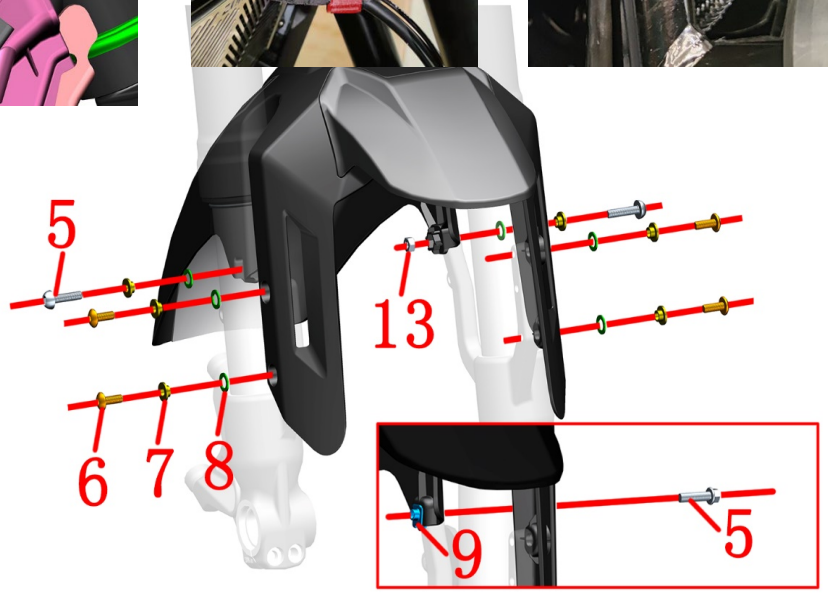



New








| Fig.9 FRONT FORK COMPONENT | | Front mud board & wheel speed sensor component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224100-044000 | Wheel speed sensor clamp | 3 | |
| 2 | 1181200-118000 | Wheel speed sensor（A） | 1 | |
| 3 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 1 | Old |
| | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | | New |
| 4 | 1251100-303093 | Gb70.1 Inner hexagon bolt M10 × one point five × 60 (grade 10.9 / environmental color zinc) | 2 | |
| 5 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 2 | Old |
| | 1251100-121093 | Non-standard bolt M6×25 (environmental color) | | New |
| 6 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 4 | |
| 7 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 4 | |
| 8 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 4 | |
| 9 | 1251300-063093 | Plywood M6×11×15（color zinc） | 2 | |
| 10 | 1251513-001019 | 6.3×12×1.6 copper gasket | 1 | |
| 11 | 1224300-093000 | Reverse buckle Velcro strap（20×150mm） | 1 | |
| 12 | 1244200-139000 | ZT310 rubber buckle (120mm) | 1 | |
| 13 | 1250301-020093 | GB6170M6 (environmental color) | 2 | |

PROCEDURE:

●Wheel speed sensor

If the sensor (2) needs to be replaced, remove the bolt(3) first, remove the head wiring box ①, remove the tie(11)and wire buckle(12).

New type: pull out the plug of wheel speed sensor(2); Then remove the wire clamp(1). Remove the bolt(3)with 4# hexagon socket and remove the sensor(2).

Old model: pull out the plug of wheel speed sensor(2); Then remove the wire clamp(1). Use 8# sleeve to remove bolt(3), sensor(2) and copper washer(10).

●Front disc brake caliper

Remove the bolt (4) with 8# inner hexagon socket to let the caliper sag naturally. It is strictly prohibited to invert the caliper to prevent air from entering and causing braking failure.

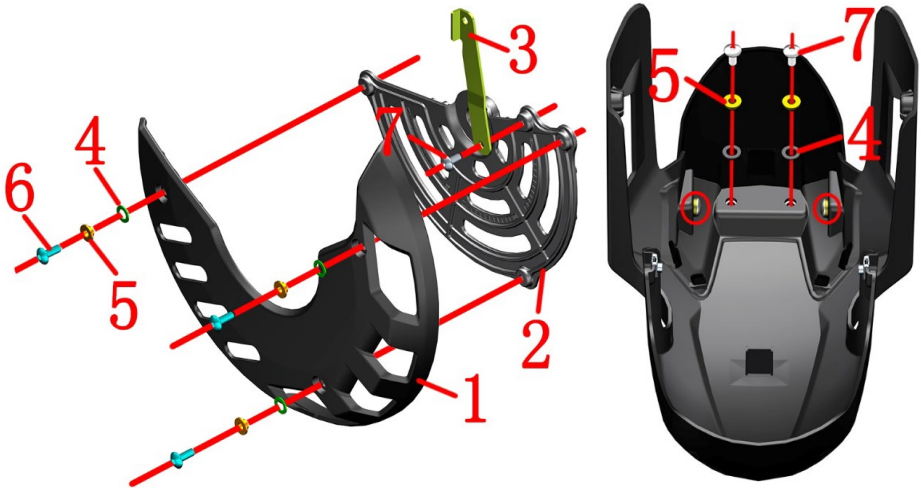
●Front mud board component

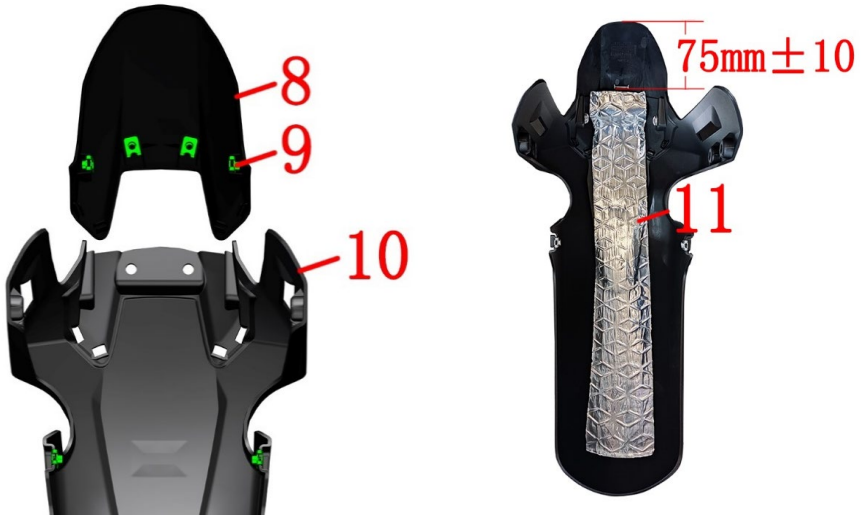
Old model: Hold the front mud board component with your hand and then remove the 4 bolts(6) with a 4# inner hexagon socket.Remove the bushing (7) and buffer rubber (8) respectively; Remove 2 bolts (5) with 8# sleeve. Remove the front mudboard assembly.

New type: Remove the 4 bolts(6) with a 4# inner hexagon socket.Remove the 2 bolts(5)with a 6# inner hexagon socket.Remove the front mudboard assembly.Remove the bushing (7) ,buffer rubber (8) and nut (13).

CAUTION:

●If the right shock absorber is replaced, there is no need to add copper washer(10) between the front wheel speed sensor and the shock absorber.




| Fig.10 FRONT FORK COMPONENT | | Front mud board & Front disc brake disc pritective cover component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224300-038000 | ZT350-GK front disc brake guard | 1 | |
| 2 | 4024300-024051 | ZT350-GK front disc brake disc cover installation plate（dark grey matte） | 1 | |
| 3 | 1274300-054000 | ZT350-GK front disc brake disc protective cover mounting plate support | 1 | |
| 4 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 7 | |
| 5 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 7 | |
| 6 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 3 | |
| 7 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 5 | |
| 8 | | KD150-G1 front fender front section | 1 | |
| 9 | 1251300-063093 | Plywood M6×11×15（color zinc） | 4 | |
| 10 | | ZT350-GK front mud plate | 1 | |
| 11 | 1246200-058000 | Anti-vibration plate (500mm×80mm) | 1 | |

PROCEDURE:

●Front disc brake guard component

Remove 3 bolts (6) with 4# inner hexagon socket, remove bushing(5) and buffer rubber (4), and remove protective cover (1). Remove bolt(7) and remove mounting bracket (3) and mounting plate (2).

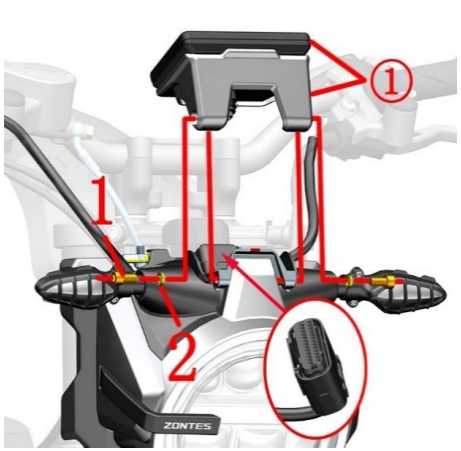
●Front mud board component

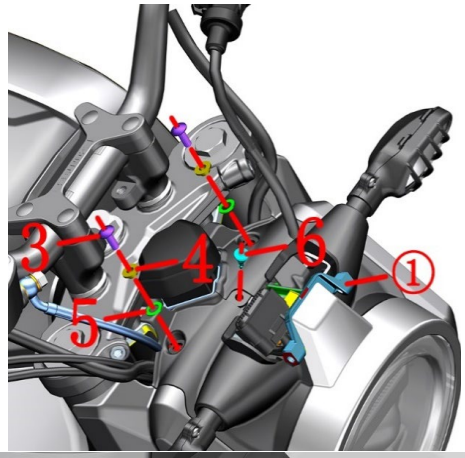
Remove the front mudguard.remove the 4 bolts(7) with 4# inner hexagon socket, and remove the bushing(5)
and the cushion rubber (4).Separate the rear section of the front fender(10) and the front section of the front fender (8), and then remove 4 clips(9) from the front section of the front fender.

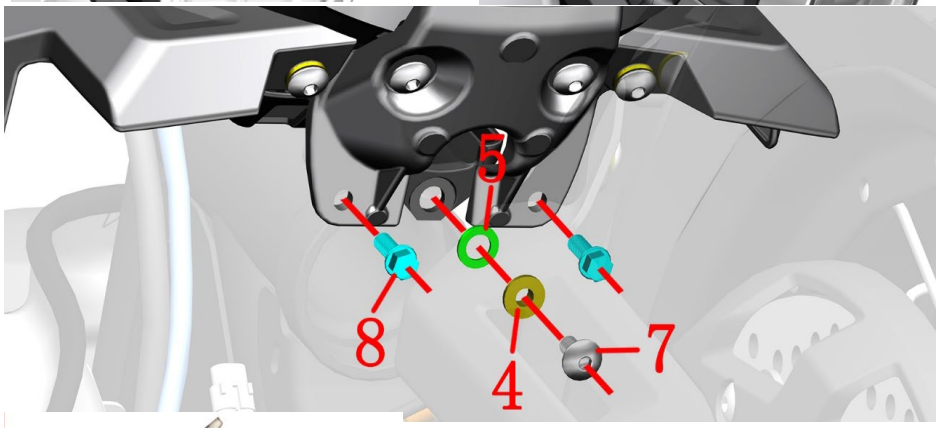
If the shockproof plate (11) needs to be replaced, heat it with a hot-air gun and remove it after the double-sided adhesive is softened.

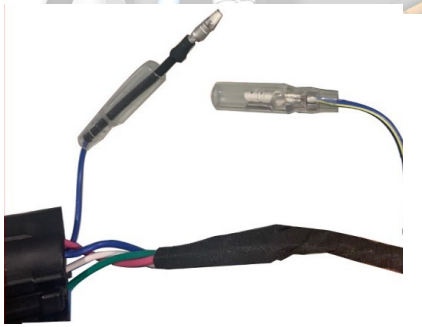
CAUTION:

●Pay attention to the strength when disassembling the front mud plate to prevent scratching the paint surface.



| Fig.11 FRONT FORK COMPONENT | | Head and headlights component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-040095 | GB70.1 inner hex bolt M8×16（color zinc） | 2 | |
| 2 | 1250501-007093 | GB93 φ8 (environmental color) | 2 | |
| 3 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 2 | |
| 4 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 5 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 3 | |
| 6 | 1224100-010000 | ZT250-S swell nail | 1 | |
| 7 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 8 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 2 | |

PROCEDURE:

●Speedometer component

Remove two bolts (1) and washers (2) with 6# hexagon socket, pick up the instrument assembly (1) slightly, and then pull off the instrument plug.

●Headlight components

Remove 2 bolts (3) with 4# hexagon socket and remove flanging bushing (4) and buffer rubber (5). Remove the expansion nail (6).

Remove 2 bolts (8) with 8# sleeve, 1 bolt (7) with 4# socket, and remove flanging bushing (4) and buffer rubber (5).

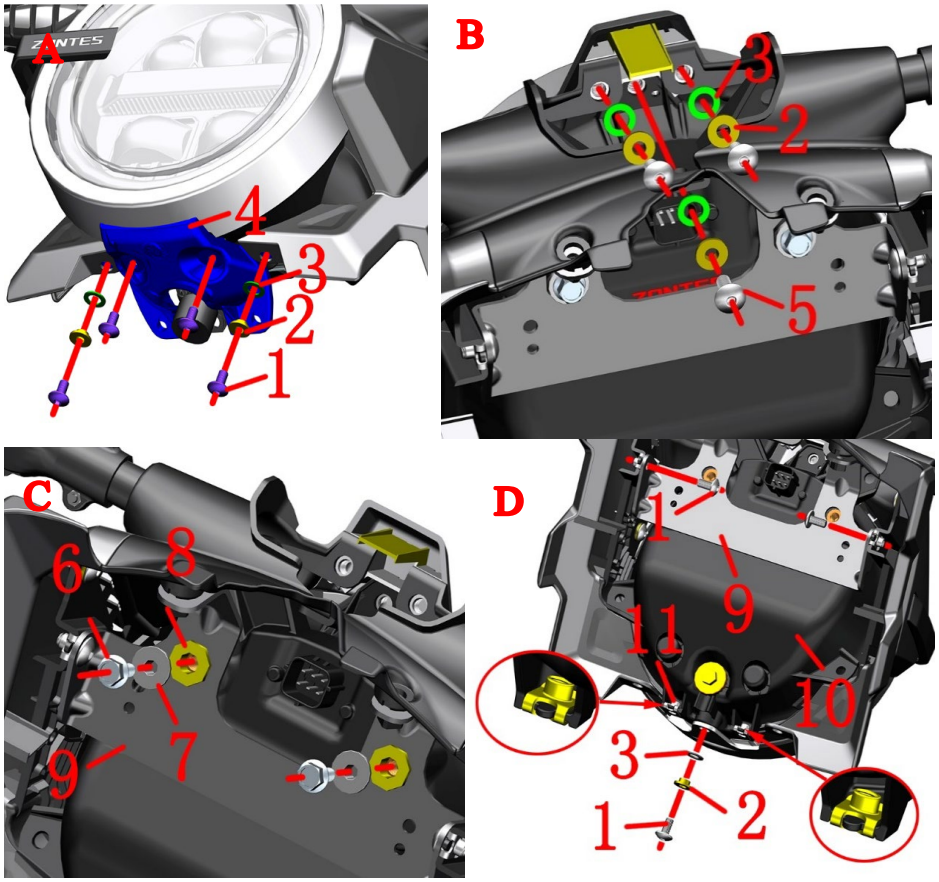
At the instrument slot of the headlamp assembly, find a suitable angle, remove the headlamp assembly from the instrument bracket, move it forward slightly, pull out the plug and remove the headlamp assembly.

The following figure on the left shows the daytime running light connector, which is not connected by default when leaving the factory. If necessary, move the bullet rubber sleeve down and connect it to the interface.

CAUTION:

●Pay attention to the force when removing the cable and unplugging the plug and the cable to avoid damage.

●The head unit should be supported during the disassembly process and protective measures should be taken toprevent scratching the lamp cover or paint surface.




| Fig.12 FRONT FORK COMPONENT | | Head and headlights component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 7 | |
| 2 | 1251700-058093 | Flanging bushing φ8.2×φ11×4.5＋φ16×1.5 | 6 | |
| 3 | 1240300-071000 | Flanging bushing rubber（φ11×φ16×1） | 6 | |
| 4 | 4024300-021051 | ZT350-GK headlight brackat (dark gray matte) | 1 | |
| 5 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 3 | |
| 6 | 1250105-138093 | GB5789M6×20 (environmental color) | 2 | |
| 7 | 1251700-059093 | Flanging bushingφ6.4×φ9×8＋φ18×2(environmental color) | 2 | |
| 8 | 1240400-007000 | HJ125-3 battery holder buffer aprons | 2 | |
| 9 | 1020212-100000 | KD150-G1 headlight upper bracket | 1 | |
| 10 | 1171200-059000 | KD150-G1 headlight | 1 | |
| 11 | 1251300-063093 | Plywood M6×11×15（color zinc） | 2 | |

PROCEDURE:

●Headlight bracket

Remove the 4 bolts (1) in figure "A" with 4# inner hexagon socket,take off the flange bushing(2), the cushion rubber(3).Remove the headlamp bracket (4).

●Headlamp and headlamp bracket

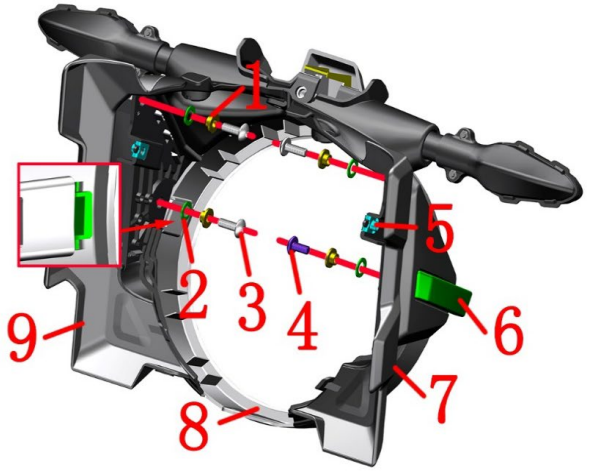
Remove the 3 bolts (5) in Figure "B" with 4# inner hexagon socket,t-ake off the flange bushing(2), the cushion rubber(3).

Remove the two bolts (6) in Figure "C" with 10# sleeves,take off the cushion rubber(7).

Remove the upper two bolts (1) of the support (9) in Figure "D" with 4# inner hexagon socket and then remove the support (9). Remove the bolt (1) under the headlamp assembly with 4#inner hexagon socket, and remove the flanging bushing (2), buffer rubber (3) and clamp plate (11). Remove and place the headlamp (10) back.

CAUTION:

●Protective measures should be taken toprevent scratching the lamp cover or paint surface.





| Fig.13 FRONT FORK COMPONENT | | Head and headlights component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 4 | |
| 2 | 1244100-052000 | Buffer rubber of flanging bushing (φ8.5×φ14×1) | 4 | |
| 3 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 3 | |
| 4 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 5 | 1251300-063093 | Plywood M6×11×15（color zinc） | 8 | |
| 6 | | ZT350-GK matte black headlight badge (ZONTES) | 1 | |
| 7 | 4044302-004051 | ZT350-GK right head cover(dark gray matte) | 1 | |
| 8 | 4044302-002005 | ZT350-GK headlamp mask（silvery） | 1 | |
| 9 | 4044302-003051 | ZT350-GK left head cover(dark gray matte) | 1 | |

PROCEDURE:

● left and right head cover components and headlamp mask

Remove 3 bolts (3) and 1 screw (4) with 4# inner hexagon socket, and remove flanging bushing (3) and buffer glue (2). Pull the left cover (9) back slightly to separate the snap from the slot and remove the left cover. Remove the right cover in the same way. Remove the headlamp cover (8) and place it while removing the left and right covers.

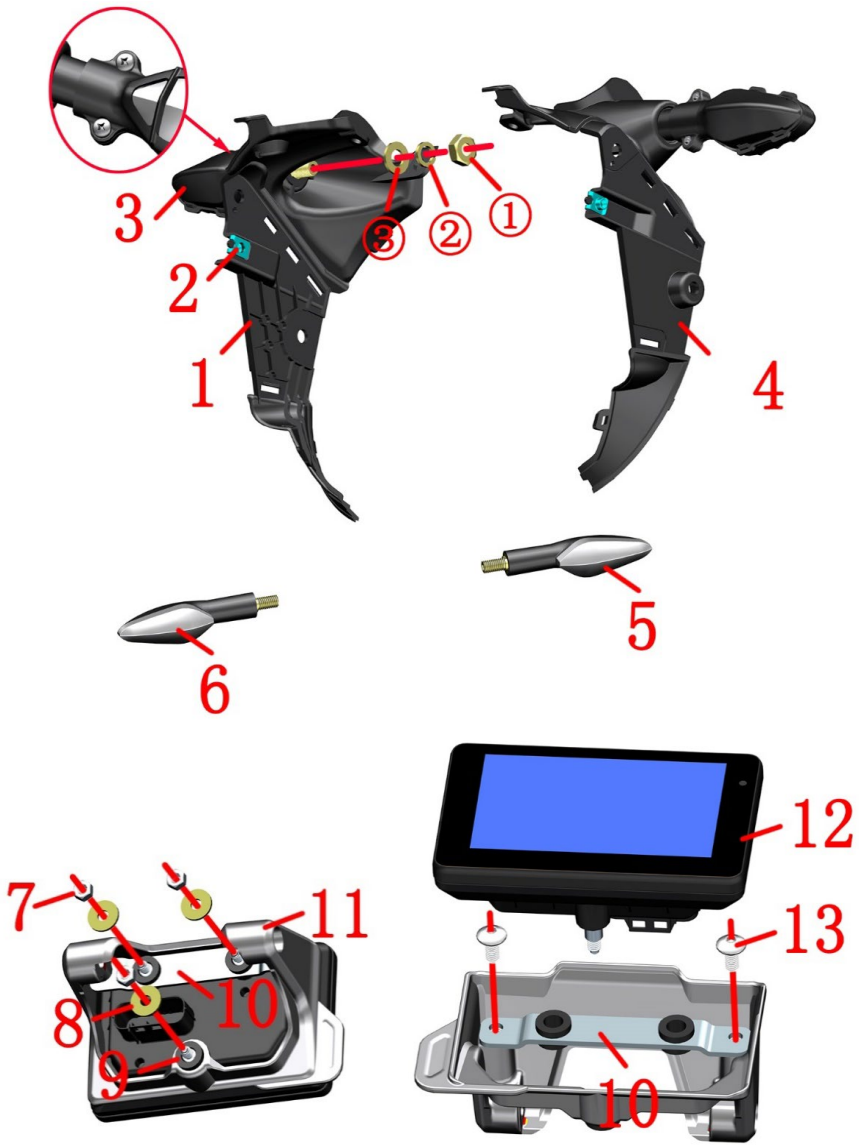
Remove the three splints (5) of the left cover (9) and the right cover (7) of the head.

Remove the three splints (5) of the headlamp mask (8).

CAUTION:

●Pay attention to the force when removing the buckle to avoid damage.

●Hold the head assembly during disassembly and take protective measures to prevent scratching the paint surface.




| Fig.14 FRONT FORK COMPONENT | | Head and headlights component 4 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224300-040000 | ZT350-GK left head cover liner | 1 | |
| 2 | 1251300-063093 | Plywood M6×11×15（color zinc） | 2 | |
| 3 | 1221200-115000 | KD150-G1 turn light decorative cover (set) | 2 | |
| 4 | 1224300-039000 | ZT350-GK right head cover liner | 1 | |
| 5 | 1170300-063000 | HJ125-K front left turn signal light | 1 | |
| 6 | 1170300-064000 | HJ125-K front right turn signal light | 1 | |
| 7 | 1250301-020093 | GB6170M6 (color zinc) | 3 | |
| 8 | 1250502-010093 | GB96.1φ6 (color zinc) | 3 | |
| 9 | 1244200-092000 | ZT310TFT gauge rubber cushion | 3 | |
| 10 | 1274300-053000 | ZT350-GK speedometer Bracket | 1 | |
| 11 | 4024300-027051 | ZT350-GK instrument base（dark grey matte） | 1 | |
| 12 | 1164300-002000 | ZT350-GK general TFT instrument | 1 | |
| 13 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 2 | |

PROCEDURE:

●Left and right turn signal components

Using a Phillips screwdriver to remove the screws on the turn signal decorative cover (3), and remove the turn signal decorative cover (3). Grasp the left (right) turn signal and use a 17# open-end wrench to remove the nut① that comes with the turn signal, remove the spring washer② and gasket③ that comes with it, and then remove the turn signal.

●Speedometer component

Use a 10# sleeve to the nut(7) and the gasket(8) .Remove and place the instrument (12).

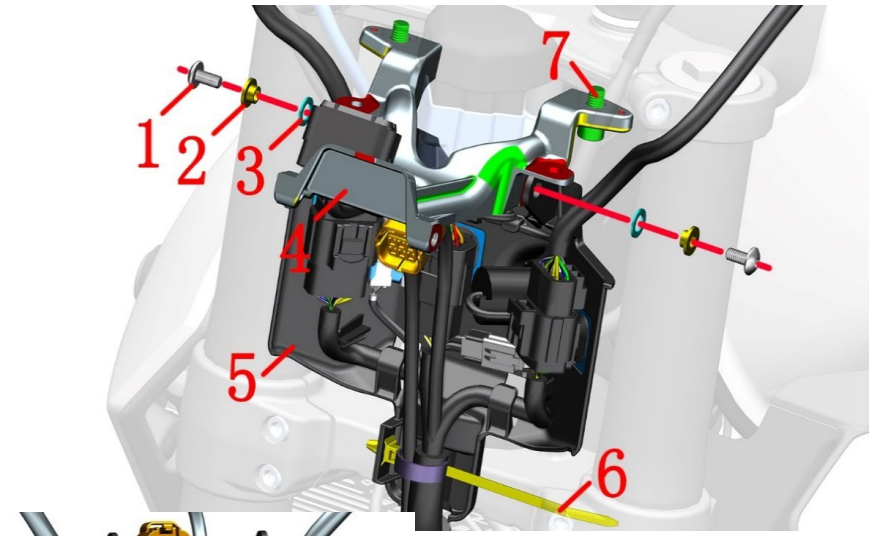
Remove bolts (13) with 4# inner hexagon socket and remove instrument bracket (10).

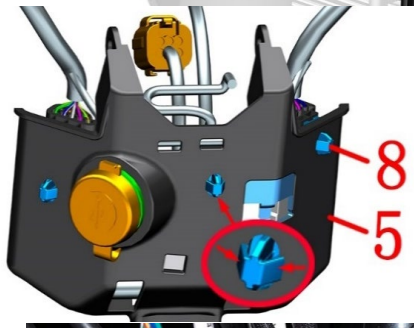
CAUTION:

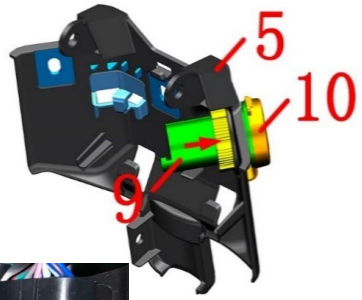
●Protective measures must be taken to prevent scratches on the instrument and decorative cover.

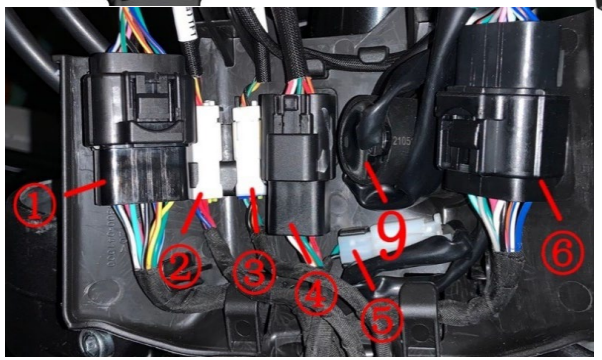
●Refer to the manual for details about the functions and setting methods of the instrument.

●When reinstalling the instrument, the torque of M6 nut is 8~12N·m. Excessive torque will easily break the stud on the instrument.




| Fig.15 FRONT FORK COMPONENT | | Head and headlights component 5 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 4 | 4024300-022051 | ZT350-GK instrument bracket（dark grey matte） | 1 | |
| 5 | 1224300-041000 | ZT350-GK headlamp junction box | 1 | |
| 6 | 1224100-030000 | Pin tie (Black 4.8×130） | 1 | |
| 7 | 1250205-040095 | GB70.1 inner hex bolt M8×16（color Zinc） | 2 | |
| 8 | 1224300-060000 | ZT350 universal connector holder（φ12×7） | 3 | |
| 9 | 1184200-100000 | ZT310 dual USB charging cable | 1 | |
| 10 | 1244200-109000 | ZT310 dual port universal USB charging cable cover | 1 | |

PROCEDURE:

●Headlamp bracket

Remove 2 bolts (1) with 4# inner hexagon socket and remove flanging bushing (2) and buffer rubber (3). Remove 2 bolts (7) with 6# inner hexagon socket and then remove the instrument bracket (4).

●Junction box assembly

Push the right handle switch plug ①, the faucet lock plug ④ and the left handle switch plug ⑥ upward from the clamp seat (8) and then remove them. Clamp the three clamp seats (8) slightly in the direction of the arrow and push them out. Pull out the left auxiliary handle switch plug ② and the right auxiliary handle switch plug ③. Unplug the USB charging cable plug ⑤. Remove the storage box assembly.

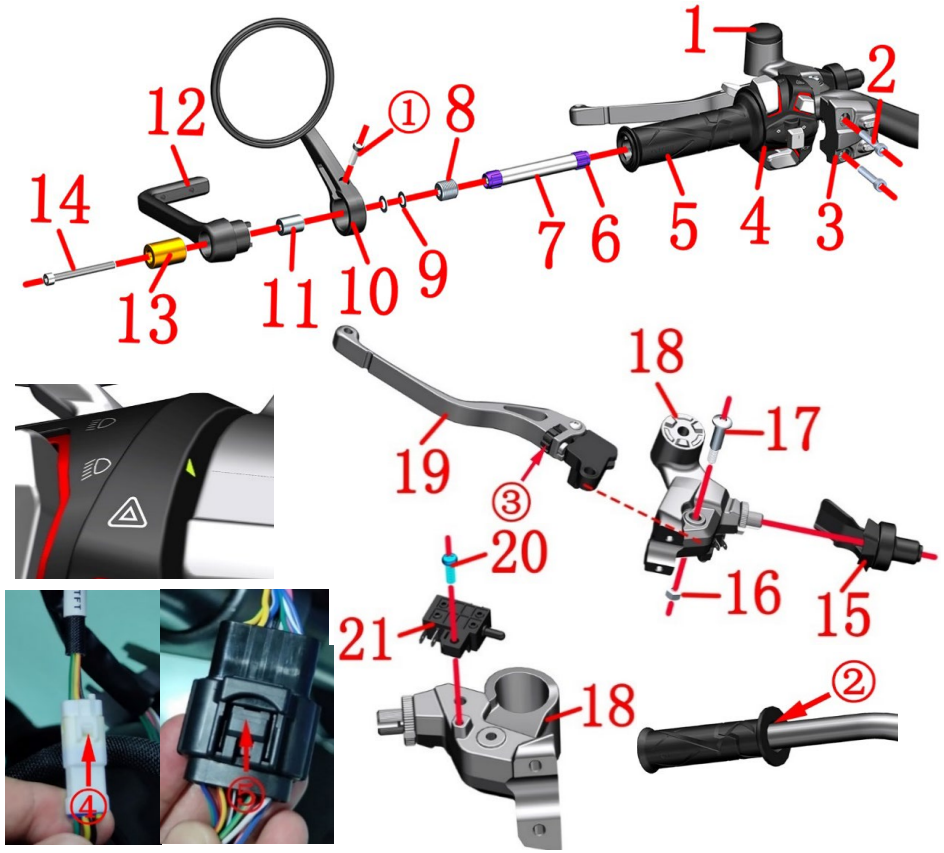
●USB charging cable

Rotate the knob of the USB charging cable (9) counterclockwise in the direction of the arrow for several turns and take it out, and take out the USB charging cable (9) from the front end. Place the wire storage box (5).

CAUTION:

●Protective measures shall be taken to prevent the lampshade or paint from being scratched.

●Pay attention to the force when removing the cable and unplugging the plug and the cable to avoid damage.




| Fig.16 FRONT FORK COMPONENT | | Left hand component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-031091 | ZT250-S Rearview mirror mounting hole rubber plug | 1 | |
| 2 | 1184300-019000 | GB70.1M6×30（stainless steel） | 2 | |
| 3 | 1244100-095000 | Second Generation Left Handlebar Switch(TFT-500) | 1 | |
| 4 | 1184200-184000 | ZT310-V1 left handlebar switch | 1 | |
| 5 | 1244100-041000 | ZT250-R left hand rubber sleeve | 1 | |
| 6 | 1244300-036000 | ZT350-GK shock absorber rubberfor steering handle | 1 | |
| 7 | 1134300-009000 | ZT350-GK steering handle vibration absorber | 2 | |
| 8 | 1251300-095000 | Inner M6 to outer M16 thread sleeve | 1 | |
| 9 | 1251512-046000 | 8.2×14×0.5 thrust washer (color zinc) | 2 | |
| 10 | 1190100-483000 | KD150 - G1 left rearview mirror (enlarged version) | 1 | |
| 11 | 1244300-041000 | ZT350-GK steering handle rubber block | 1 | |
| 12 | 1134300-007000 | ZT350-GK hand Guard | 1 | |
| 13 | 1134300-010000 | ZT350-GK hand guard bar counterweight | 1 | |
| 14 | 1250205-128000 | GB70.1M6×60（stainless steel） | 1 | |
| 15 | 1244200-046000 | ZT310-V clutch line sheath | 1 | |
| 16 | 1251300-073000 | GB/T6185 hexagonal nylon lock nut M6 (color zinc) | 1 | |
| 17 | 1251100-198000 | Non-standard inner hexagon socket bolt M6×13-φ8×20 | 1 | |
| 18 | 1134200-029051 | ZT310-V left hand handle rocker arm seat assembly(dark gray matte) | 1 | |
| 19 | 1134200-027051 | ZT310-V left handle bar rocker arm(dark gray matte) | 1 | |
| 20 | 1250201-039000 | GB818 cross recessed pan head screw M4×12 | 1 | |
| 21 | 1184200-170000 | ZT310-V clutch switch | 1 | |

PROCEDURE:

●Left mirror,Left switch,Hand guard,Left handlebar rubber sleeve

Remove the bolt ⑭ with 5# inner hexagon socket and remove the counterweight ⑬; Remove the bolt ①, remove the hand guard rod ⑫, rubber block ⑪ and rear-view mirror ⑩. Remove the thrust washer ⑨ and remove the threaded sleeve ⑧ with 6# inner hexagon socket. Screw the bolt ⑭ into the vibration absorbing rod ⑦ with 5# inner hexagon socket, grasp the head of the bolt ⑭, pull it out, and remove the vibration absorbing rod ⑦ and buffer rubber ⑥.

Remove the bolt ② with 5# inner hexagon socket tool and remove the left auxiliary hand switch ③ and the left handle rocker arm assembly ⑱. Press the buckle pointed to ④ and pull out the plug of the auxiliary switch ③ of the left handle. Press the snap pointed by arrow ⑤ and pull out the plug of left handle switch ④. When assembling the auxiliary switch, first screw the bolt about 10 turns, align the triangle symbol of the handle switch, tighten the upper bolt, and then tighten the bottom bolt.

●Soak in hot water for about 10 minutes, then blow the dust gun into the space between the left-hand handle rubber sleeve and the steering handle tube according to the arrow ②, and move outward at the same time to remove the left-hand handle rubber sleeve ⑤. Pull out the rubber plug ①.

●Replace the left-hand handle rocker arm and clutch switch

Remove the sheath ⑮, fix the adjusting screw rod ⑰ with 5# inner hexagon socket, and remove the locknut ⑯ with 10# sleeve.

After removing the adjusting screw ⑰, separate the left-hand rocker arm ⑲ from the rocker arm seat assembly ⑱.

Rotate the adjusting nut ③ to adjust the distance between the rocker arm and the left-hand handle rubber sleeve to adapt to the hand feeling of different drivers.

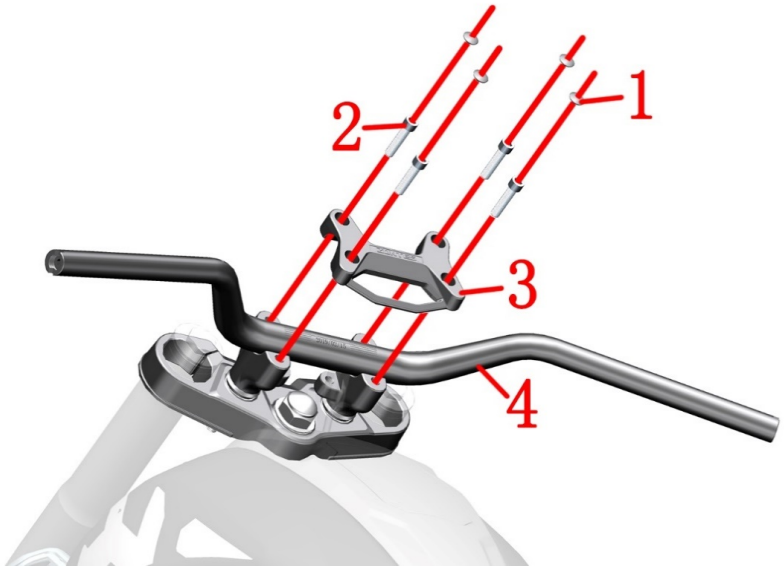
First pull out the clutch switch wire plug, and then remove the bolt ⑳ with a cross screwdriver to remove the clutch switch.

CAUTION:

●The vehicle should be fixed before operation.

●The disassembly and assembly of the clutch line is carried out according to the step of adjusting the clutch cable.

●Note the triangle symbol on the rocker arm assembly and the half cover seam alignment switch.




| Fig.17 FRONT FORK COMPONENT | | Directional lever component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4044102-002051 | ZT250-S M8 bolt decorative buckle (dark gray matte) | 4 | |
| 2 | 1250205-023000 | GB70.1 inner hexagonal M8×35 (environmental color) | 4 | |
| 3 | 1134200-031051 | ZT310-R press block of handle bar (dark gray matte) | 1 | |
| 4 | 1134300-020000 | ZT350－GK direction handlebar (dark gray matte) after-sales assembly | 1 | |

PROCEDURE:

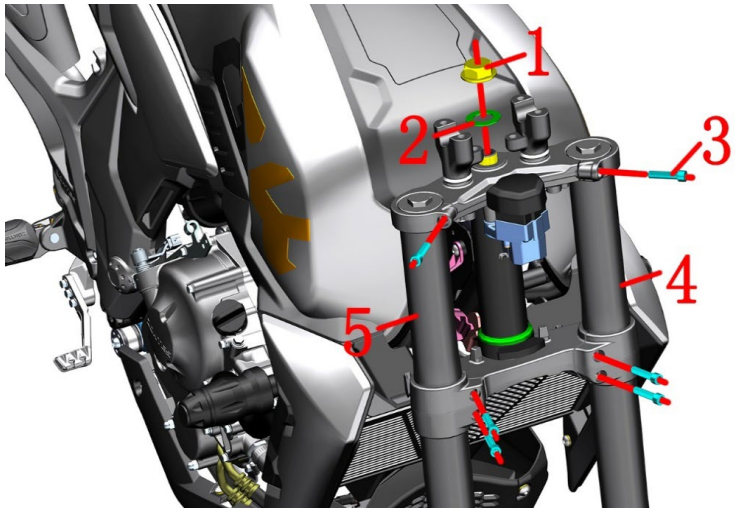
●Directional components

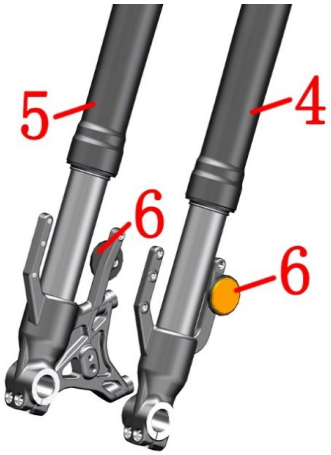
Using a blade to pick up the decorative buckles(1), hold the direction handle(4) in one hand, and remove the bolt (2) with a hexagonal tool in one hand; remove the clamp(3) and finally remove the direction handle(4).

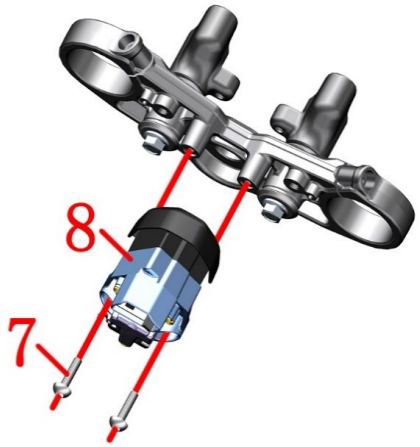
CAUTION:

●Protect protective measures to prevent scratching the appearance of the instrument case and the decorative cover.

●When assembling the clamping block, first tighten the 2 bolts at the front, and then tighten the bolts at the rear (close to the fuel tank side). Wrong sequence or diagonal locking may break the lock block.




| Fig.18 FRONT FORK COMPONENT | | Front shock absorber, upper plate component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251300-045000 | ZT350-R upper connection decoration nut M22×1 | 1 | 100N·m |
| 2 | 1251500-050000 | ZT310-R upper connection gasket | 1 | |
| 3 | 1250205-023000 | GB70.1 inner hexagonal M8×35 (environmental color) | 6 | 25N·m |
| 4 | 1114300-012000 | ZT350-V Front Left Shock Absorber | 1 | |
| 5 | 1114300-013000 | ZT350-V front right shock absorber | 1 | |
| 6 | 1174300-013000 | Reflection light（KM-106） | 2 | |
| 7 | 1251100-121093 | Non-standard bolt M6×25 (environmental color) | 2 | |
| 8 | 1184200-139000 | ZT310 main lock (electromagnetic drive / wire length 150) assembly | 1 | |

PROCEDURE:

●Uplink board assembly

Locate the faucet lock plug and remove it; remove the nut(1) with 30# sleeve and remove the shims(2). Remove the upper plate bolt(3) with 6# inner hexagon socket.

●Front left and right shock absorption

Remove the bolts(3) of the lower plate with 6# inner hexagon socket, and hold the shock absorber in the middle with one hand. Insert a slottedscrewdriver into the slot of the upper and lower plates to slightly enlarge the slot clearance, and disassemble the left shockabsorber (4) and the right shock absorber(5). under. Remove the upper plate assembly.

●Reflector

Rotate reflector (6) counterclockwise to remove the reflector.

●Faucet lock

Using 6# inner hexagon socket remove the faucet lock (8).

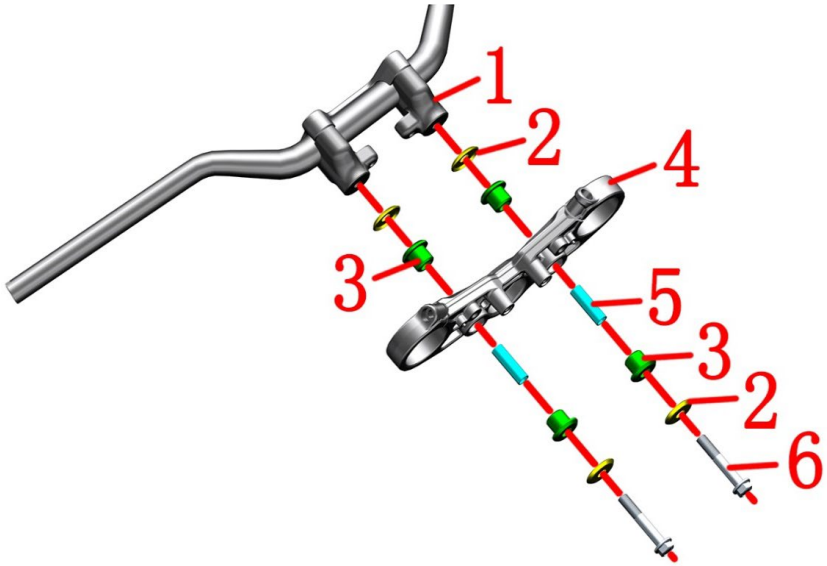
CAUTION:

●Use a flat-blade screwdriver to enlarge the gap between the upper and lower joint plates without applyingexcessive force to avoid damage.

●When removing the shock absorption, move it in the direction of axis, do not rotate or swing to prevent scratches on thesurface.

●The motorcycle support should be fixed during the disassembly process to prevent accidents caused byincline.

●For the disassembly of the lower link board assembly, see the previous "steering adjustment", which will not be repeated here.




| Fig.19 FRONT FORK COMPONENT | | Uplink plate, direction handle block component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1134300-004051 | ZT310－R steering handle cushion block M10×1.25(dark gray matte) | 2 | |
| 2 | 1274200-018000 | ZT310-R gasket of upper connecting board | 4 | |
| 3 | 1244200-008000 | ZT310-R buffer rubber of upper connecting board | 4 | |
| 4 | 1134200-030051 | ZT310-R upper connecting board(dark gray matte) | 1 | |
| 5 | 1251700-065000 | ZT310-R bushing φ10×φ12×41 | 2 | |
| 6 | 1250105-280000 | GB5789 M10×1.25×60(10.9 level/dacromet) | 2 | 40N·m |

PROCEDURE:

●Uplink plate and spacer assembly

In order to facilitate the direction of the block, the direction and the upper block should be assembled first to prevent the block from rotating during the disassembly process. The direction should be wrapped with cotton or other soft materials to prevent scratching the paint surface.

Remove the bolt(6) with a 14# sleeve and remove the gasket(2), cushion rubber(3) and bushing(5).

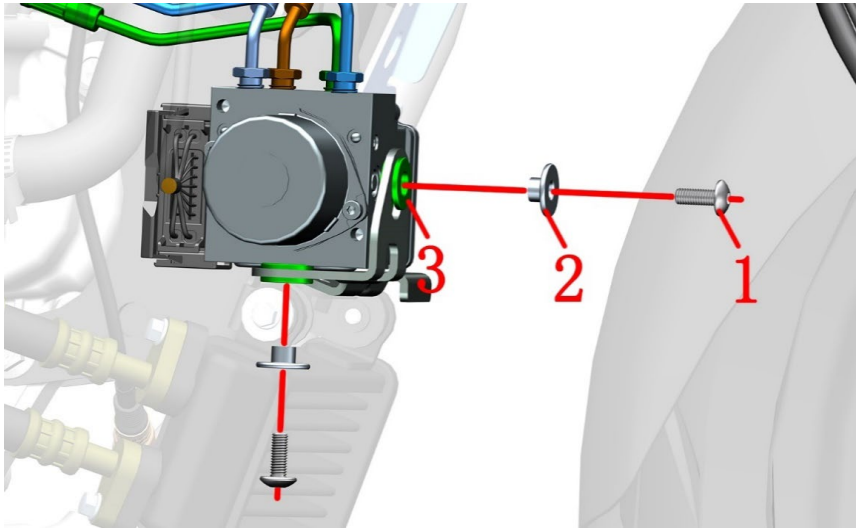
Remove the upper plate(4).

The spacer(1), the upper clamp and the direction handle are disassembled.

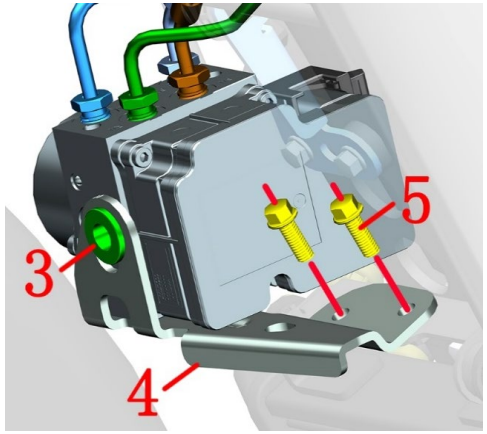
CAUTION:

●Protect protective measures to prevent scratching the appearance of parts.

●When reassembling, it is necessary to use the direction to ensure that the center and direction of the spacers on both sides are coaxial with the center. First install 4 pieces of cushioning rubber into the upper plate and then install the bushing separately. Make sure that the bushing is flush with the cushioning rubber, otherwise it should be reassembled. When tightening the nut, ensure that the torque is 40N·m. Check the buffer for spillage and reassemble if necessary.








| Fig.20 FRONT FORK COMPONENT | | ABS brake system-A 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 2 | |
| 2 | 1274100-007000 | ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2) | 2 | |
| 3 | 1244100-004000 | ZT250-S flanging bushing buffer | 2 | |
| 4 | 1274300-072000 | ZT350-GK universal support for hydraulic nuit | 1 | |
| 5 | 1251112-001093 | M6×16 hexagon flange bolts (color zinc) | 2 | |

PROCEDURE:

●Hydraulic control unit components

Remove 2 bolts (1) with 4# inner hexagon socket, remove the bushing (2) and then remove the hydraulic control unit.

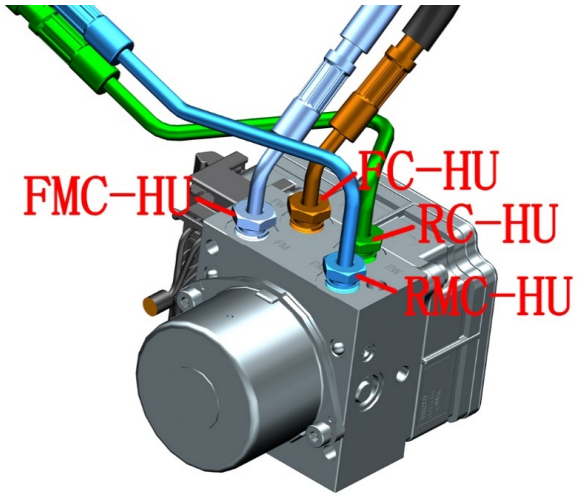
Press the buckle indicated by arrow ①, then push the push rod in the direction indicated by arrow ② and pull off the plug.

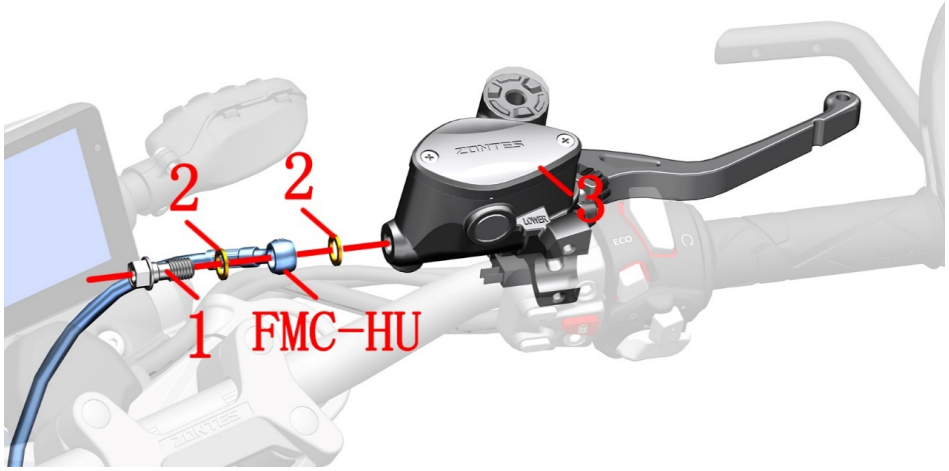
Remove 2 bolts (5) at the bracket with 8# sleeve and remove the hydraulic control unit bracket (4). Remove two buffer adhesives (3) from the hydraulic control unit support (4).

CAUTION:

●Remove the lower shroud in advance.

●Be sure to disassemble the muffler and engine after they have cooled down completely. The horizontal support of thevehicle should be fixed before disassembly and assembly work.




| Fig.21 FRONT FORK COMPONENT | | ABS brake system-A 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-112000 | Disc brake pipe bolt M10×1-22 | 1 | |
| 2 | 1251513-013000 | Disc brake pipe copper washer φ 15× φ 10.2 × 1.5 | 2 | |
| 3 | 1100100-831000 | ZT350-GK front disc main pump assembly（φ14） | 1 | |

PROCEDURE:

●Release brake fluid

Referring to the previous steps of adding brake fluid, remove the upper cover, cover plate and sealant pad of the oil cup of the front and rear disc brake main pump respectively.

Place holder to collect wasted brake fluid under the ABS hydraulic control unit.

After wearing waterproof gloves, pull out the hydraulic control unit and tilt it to the right, and loosen the nut joints of 4 oil pipes with an open-ended wrench. After draining the brake fluid, remove the hydraulic control unit and wipe off the oil stain. Be careful not to let the brake fluid contact the cable connector to prevent poor contact due to corrosion.

RC-HU is connected to the hydraulic control unit and rear brake caliper; RMC-HU is the rear disc brake main pump; FC-HU is the front disc brake caliper; FMC-HU is the front disc brake main pump.

●FMC-HU

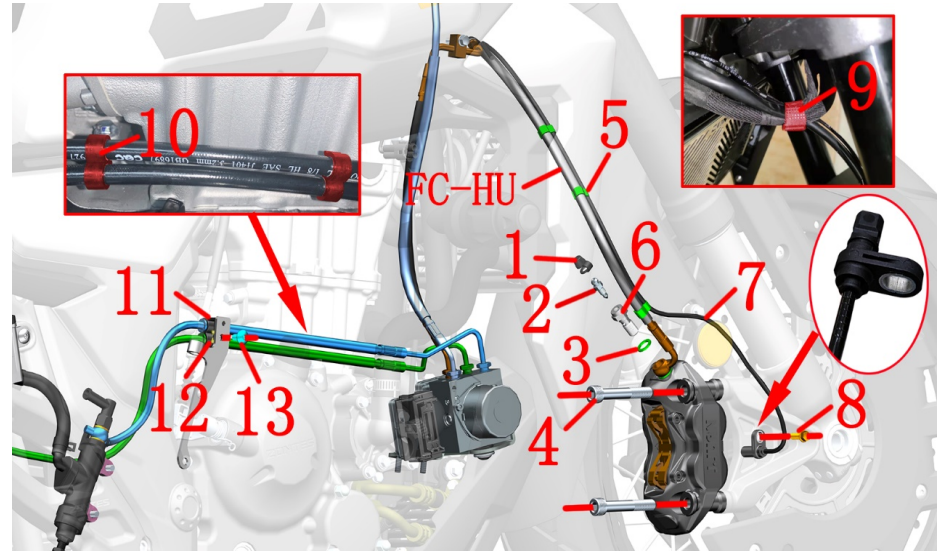
The oil pipe, front disc brake main pump, rocker arm assembly and disassembly refer to the previous steps in "Adding brake fluid and rocker arm adjustment".

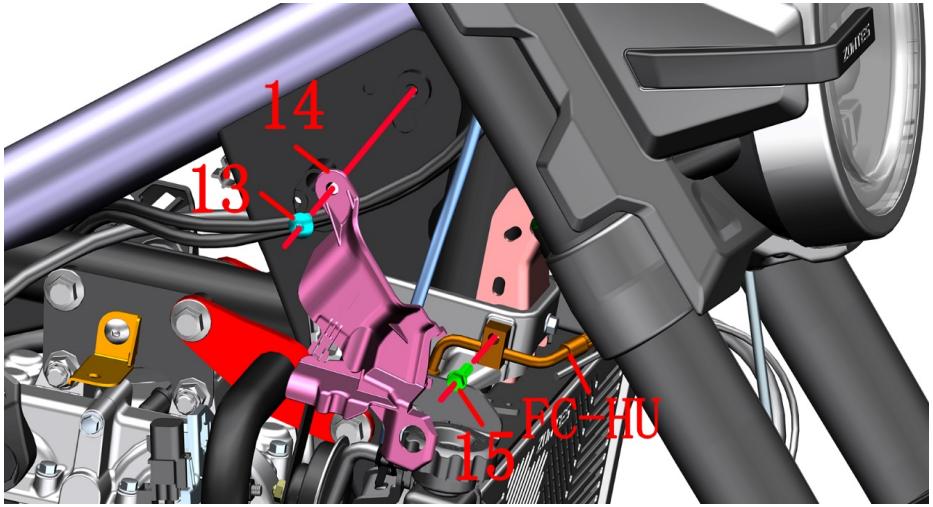
CAUTION:

●Be sure to disassemble the muffler and engine after they have cooled down completely. The horizontal support of thevehicle should be fixed before disassembly and assembly work.

●The precautions for brake fluid are described in the previous section.

●It is recommended to replace the two copper washers (2) at the same timewhen replacing the tubing. The bolts (1) needn't to be replaced if they are not damaged.




| Fig.22 FRONT FORK COMPONENT | | ABS brake system-A 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244300-019000 | Caliper bleed screw rubber cap | 1 | |
| 2 | 1251100-308000 | Disc brake exhaust screw M6 | 1 | |
| 3 | 1251513-013000 | Disc brake pipe copper washer φ 15× φ 10.2 × 1.5 | 2 | |
| 4 | 1251100-303093 | GB70.1 Inner hexagon bolt M10×1.5×60 (level 10.9/environmental color zinc) | 2 | |
| 5 | 1224100-044000 | Wheel speed sensor clamp | 3 | |
| 6 | 1251100-307000 | Disc brake pipe bolt M10×1×22（threaded hole with exhaust） | 1 | |
| 7 | 1181200-118000 | Wheel speed sensor（A） | 1 | |
| 8 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 9 | 1224300-093000 | Reverse buckle Velcro strap（20×150mm） | 1 | |
| 10 | 1100100-847000 | Double hole (Φ7) clamp | 2 | |
| 11 | 1224300-026000 | ZT350－GK double groove pipe clamp (φ10) | 1 | |
| 12 | 1251300-063093 | Plywood M6×11×15(color zinc) | 1 | |
| 13 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 2 | |
| 14 | 1224300-068000 | ZT350－GK head wiring box | 1 | |
| 15 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 1 | |

PROCEDURE:

●Drain the brake fluid

Place the oil pan under the front disc brake caliper.

First uncover the screw rubber cap(1), wear waterproof gloves, then remove the bolt(2) with 8# ring wrench, remove the bolt(6) with 14# ring wrench, and remove the copper washer(3).

Remove two bolts(4) with 8# inner hexagon socket to remove the front disc brake caliper from the front shock absorber.

First take out the wheel speed sensor(7) from the wire clamp(5), untie the ribbon(9), then remove the bolt(3)with 4# hexagon socket, and remove the wheel speed sensor(7) from the front disc brake caliper. Tidy up the wheel speed sensor wires.

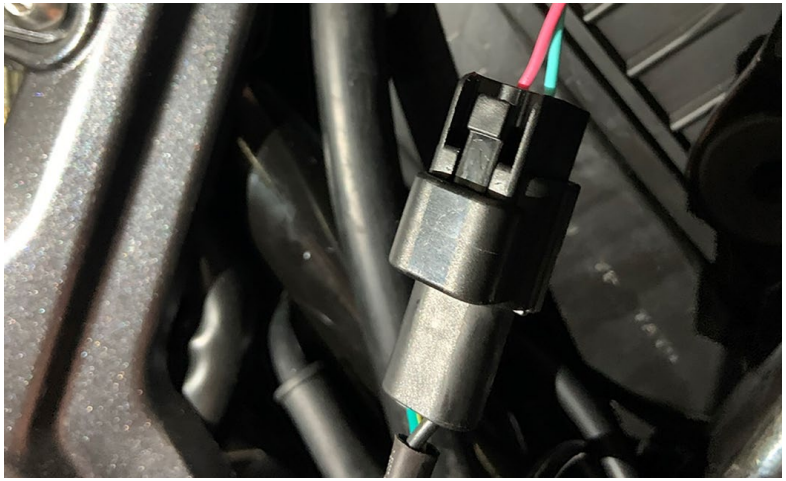
Remove the water tank trim cover assembly according to the steps of removing the water tank; Remove the oil tank according to the steps of removing the oil tank. Remove the bolt (13) with 4# inner hexagon socket and remove the wiring box(14). Remove bolt(15) with 8# sleeve. Then remove the FC-HU oil pipe.

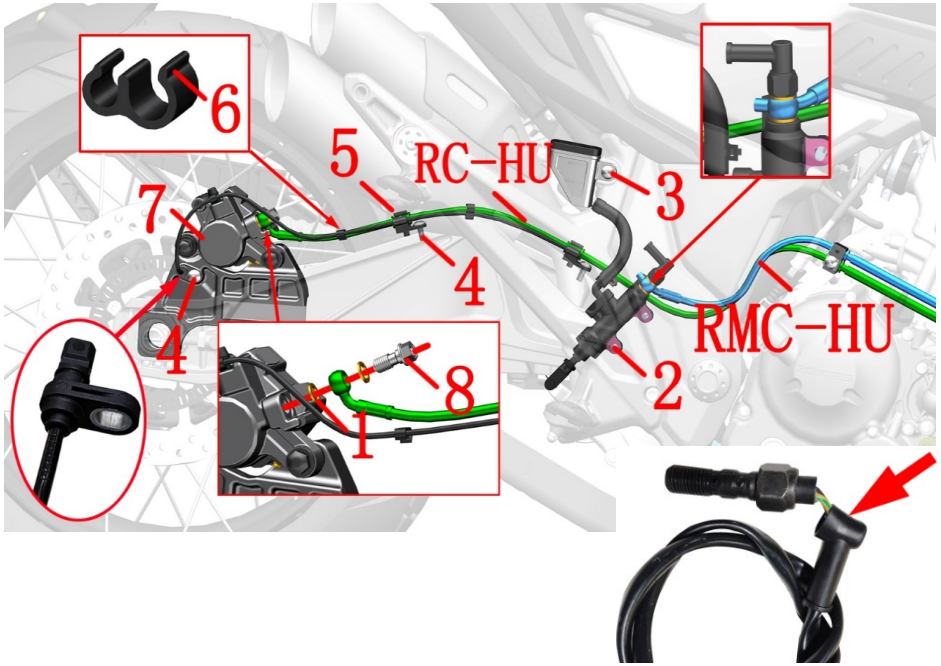
CAUTION:

●The muffler and engine must be completely cooled before disassembly. The disassembly and assembly operation shall be carried out after the horizontal support of the vehicle is fixed.

●Refer to the previous description for relevant precautions of brake fluid.

●When replacing the oil pipe, it is recommended to replace two copper washers(3) at the same time. If the bolt(6) is not damaged, it can not be replaced.






| Fig.23 FRONT FORK COMPONENT | | ABS brake system-A 4 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251513-013000 | Disc brake pipe copper washer φ 15× φ 10.2 × 1.5 | 4 | |
| 2 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 2 | |
| 3 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 4 | 1251100-102000 | Non-standard bolt M6×16(304 stainless steel) | 3 | |
| 5 | 1224200-003000 | ZT310-Z Rear disc brake pipe clamp | 2 | |
| 6 | 1224100-044000 | Wheel speed sensor clamp | 2 | |
| 7 | 1181200-118000 | Wheel speed sensor（A） | 1 | |
| 8 | 1251100-112000 | Disc brake pipe bolt M10×1-22 | 1 | |

PROCEDURE:

●RMC-HU

Find and unplug the brake switch cable plug.

Refer to the steps of "Right footrest component-1" and "Right footrest component-2" take off the rear brake main pump.

After wearing the waterproof gloves, remove the brake fluid by referring to the procedure of adding the brakefluid of the rear brake master pump. Use a 14# open end wrench to loosen the brake switch nut. Remove the copper washer (3) and the RMC-HU oil tubing.

●Wheel speed sensor

First remove the rear section of the muffler by referring to the steps of removing the "muffler", find the cable connector of the wheel speed sensor (7) and unplug it.Remove the two wheel speed sensor clamps(6).

Pull out the sensor wire from the two disc brake oil pipe clamps (5).

Remove one bolt (4) at the caliper with 4# inner hexagon socket, pull off the exhaust rubber cap and remove the sensor wire.

●Rear disc brake caliper

Refer to the steps of removing the rear wheel assembly in the front, remove the rear axle nut and the right chain adjuster, and then retract the rear axle to the left to remove the rear disc brake caliper assembly. Put the rear axle, right chain adjuster and rear axle nut back into the rear fork.

●RC-HU

Place the oil pan under the rear disc brake caliper.

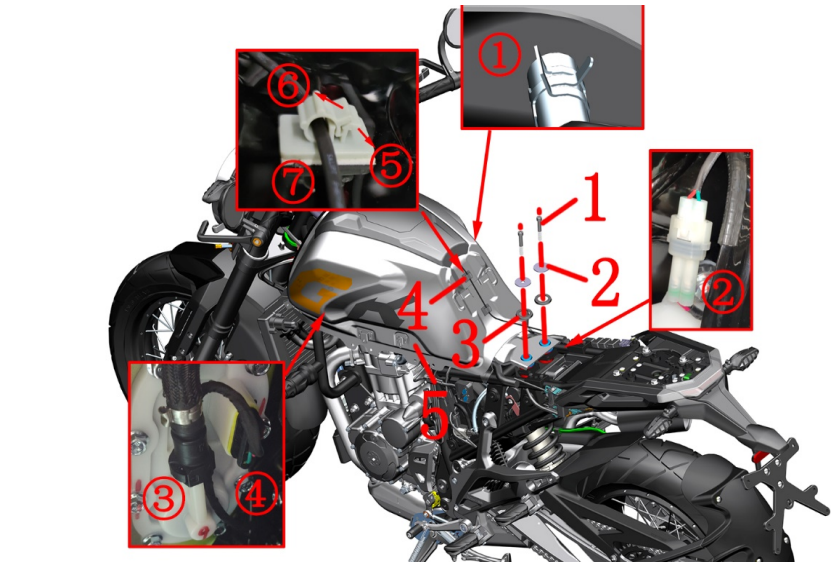
After wearing the waterproof gloves, remove the bolts (8) with a 12# sleeve; remove the copper washers (1). If you need to replace the RC-HU tubing, it is recommended to replace the two copper washers (1) at the same time; the bolts (8)can be replaced if they are not damaged.

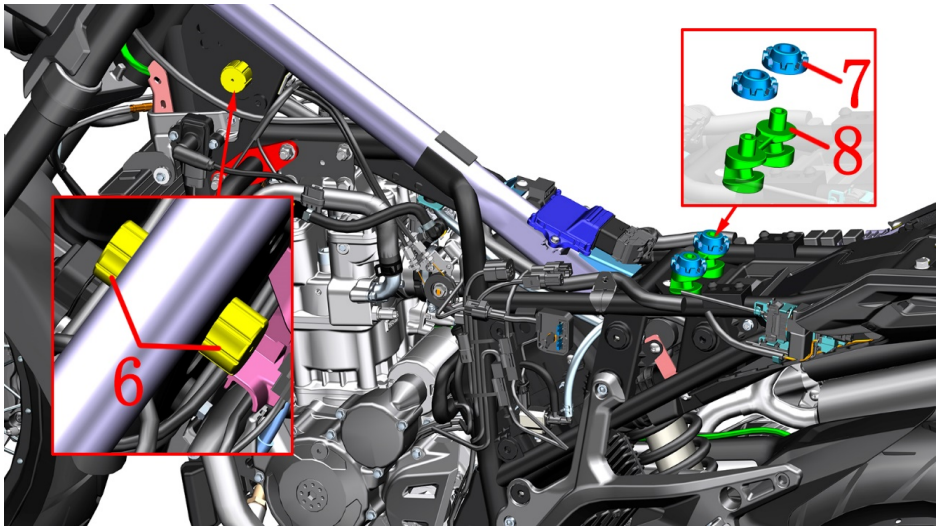
CAUTION:

●The precautions for brake fluid are described in the previous section.

●It is recommended to replace two copper washers at the same time when replacing the oil pipe, rear brakeswitch wire or disc brake main pump.

●The rear brake switch line is prohibited from rotating the rubber cap at the arrow indication. Replace thisswitch wire. Be careful not to wrap the cable around the tool.




●A small amount of fuel leakage is required when the high-pressure oil pipe sub-assembly is pulled out, andthe fuel should be prevented from dripping to the outside of the engine or the muffler.

| Fig.1 FUEL TANK COMPONENT | | Fuel tank component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1250205-043093 | GB70.1M8×55(environmental color) | 2 | |
| 2 | 1251900-028093 | ZT250-R fuel tank flat pad φ9×φ37.5×2 (environmental color) | 2 | |
| 3 | 1244100-020000 | Tank pressure glue | 2 | |
| 4 | 1224200-066000 | ZT310PKE External antenna mount | 2 | |
| 5 | | ZT350-GK fuel tank assembly | 1 | |
| 6 | 1241200-044000 | KD150-U fuel tank liner limit glue | 2 | |
| 7 | 1244100-053000 | ZT250-S fuel tank gasket | 2 | |
| 8 | 1274100-080000 | ZT250-R cushion fixing block | 1 | |

PROCEDURE:

●Fuel tank component

Short press "FUEL" button to open the fuel tank cover.Do not close it during the subsequent disassembly.If you accidentally close it, you can find the fuel tank lock plug near the colloid battery. After connecting, re-open the fuel tank cover.Press the "SEAT" button briefly to open the electronic cushion lock,take off the seat cushion. Remove the side cover assembly according to the steps of removing the side cover.Remove the water tank trim cover assembly according to the steps of removing the water tank.Remove the auxiliary water tank assembly according to the steps of removing the auxiliary water tank.

Use 6# inner hexagon to remove 2 bolts (1),take off the fuel tank flat pad⑵ and remove the rubber (3).

Clamp the circlip of the carbon canister adsorption tube ① with pliers and pull it out.Unplug the fuel tank lock plugs ②.

Place an oil pan on the left side of the throttle valve body, press down the buckle at the joint of the high-pressure oil pipe ③ and the injector, and then pull it out.

Lift the rear part of the fuel tank assembly and pull out the fuel pump plug④,Note that the buckle of this plug is on the inside and cannot be removed forcibly.

Grab the head of the fuel tank assembly with one hand and pull it back, and with the other hand, grab the rear part and lift it up and shake it left and right. Remove the fuel tank assembly from the bike and place it.remove the fuel tank gasket ⑺,fixed cushion block⑻.

Pull off the buckle by arrow⑤ and ⑥,remove the cables ⑦on the mount⑹.After slightly heating with a heat gun, tear off the double-sided tape and clean the residual glue.

Remove the fuel tank liner limit glue⑹.

CAUTION:

●The high-pressure oil pipe shall be pulled horizontally and shall not be pulled out arbitrarily.

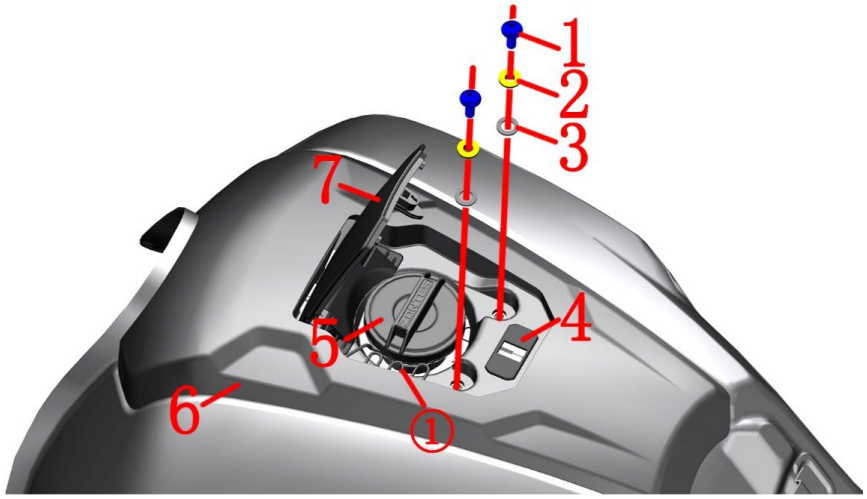
●The parts should be protected during the disassembly process to prevent damage to the paint surface.

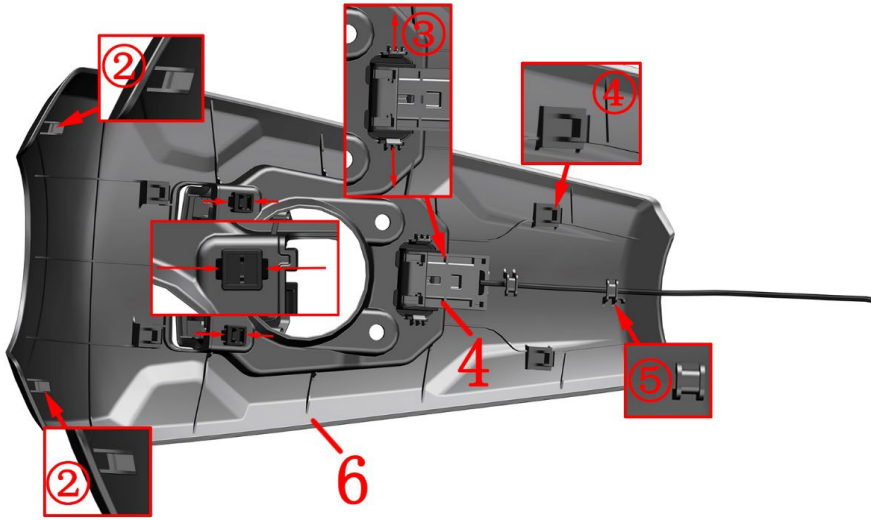
●When removing the buckle, pay attention to the strength to prevent damage to the buckle.

●When removing the high-pressure oil pipe, be sure to wait until the engine and muffler are completely cooled before operating to prevent accidental ignition of the fuel and cause fire.

●Fireworks, answering or dialing should be strictly prohibited near the car-breaking site to prevent accidents.

●It is recommended to use the oil pump to pump out the fuel or consume the fuel before disassembling the tank assembly.




| Fig.2 FUEL TANK COMPONENT | | Fuel Tank middle cover assembly | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 4 | 1184200-002000 | ZT310 electronic fuel tank lock | 1 | |
| 5 | 1224100-033000 | ZT250－S thread cap of the fuel tank | 1 | |
| 6 | 4041201-381051 | KD150-GK fuel tank middle cover | 1 | |
| 7 | 4041201-382051 | KD150-GK fuel tank outer cover | 1 | |

PROCEDURE:

●Fuel tank middle cover component

Use 4# inner hexagon to remove bolt (1),take off the flanging bushing(2) and buffer rubber(3).

Remove the fuel tank cap,be careful not to pull the nylon cord① hard.

Push forward from the fuel tank middle cover tail,lift tail up slightly after 4 buckles④ loosens,shake and push until the buckle is out of the slot,but don't remove the fuel tank middle cover(6).

Remove the cables on the clip⑤.

Put the fuel tank cap (5) back into the fuel tank to prevent fuel volatilization and foreign matter from falling into the tank.

●Fuel tank lock

Use a flat-blade screwdriver to carefully pry the ends of the middle cover(6) and remove the fuel tank lock(4), taking care to prevent damage to the buckle.

●Fuel tank cover assembly

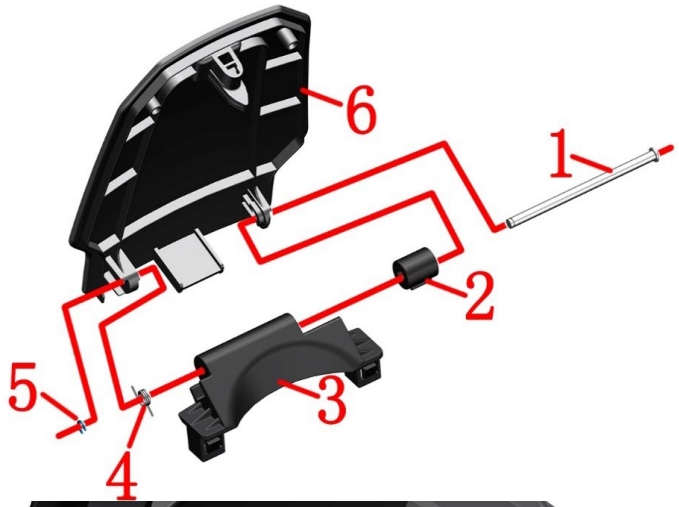
Use a needle-nose pliers to clamp the buckle of the swivel bracket with a little force to clamp, remove the cover assembly, and take care of the strength to prevent damage.

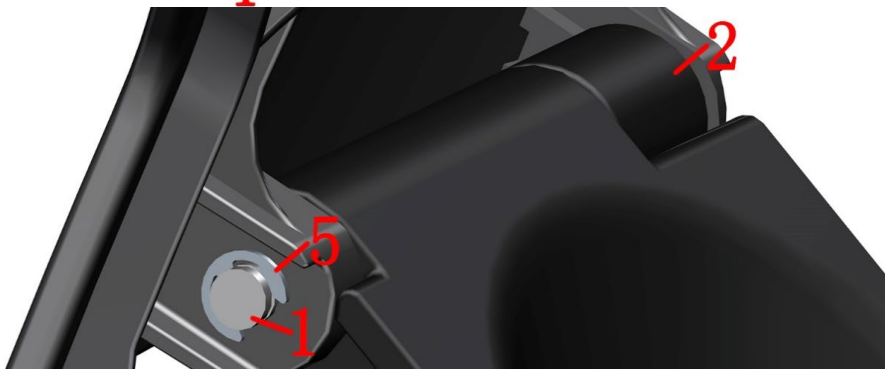
CAUTION:

●The fuel tank should be protected during the disassembly process to prevent damage to the paint surface.

●Pay attention to the force when removing the buckle to prevent damage to the buckle.

●Fireworks, telephone calls should not be allowed near the motorcycle -removal workshop to prevent accidents.





| Fig.3 FUEL TANK COMPONENT | | Oil tank outer cover assembly | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274100-090000 | ZT250-S rotating axle of fuel tank outside cover | 1 | |
| 2 | 1224100-014000 | ZT250－S tank cover spinning damping | 1 | |
| 3 | 1274100-021000 | ZT250-S fuel tank cover rotating bracket | 1 | |
| 4 | 1260100-255000 | ZT250-S torsion spring of tank outer cover rotating shaft | 1 | |
| 5 | 1260100-215000 | ZT310-T storage box cover rotating shaft limit circlip | 1 | |
| 6 | 4041201-382051 | KD150-GK fuel tank cover | 1 | |

PROCEDURE:

●Fuel tank cover assembly

Remove the retaining spring (5) attached to the rotating shaft (1) and slowly pull out the rotating shaft. Remove the torsion spring (4) first.

Remove the swivel bracket assembly.

Remove the rotary shaft (1) from the tank cover (6).

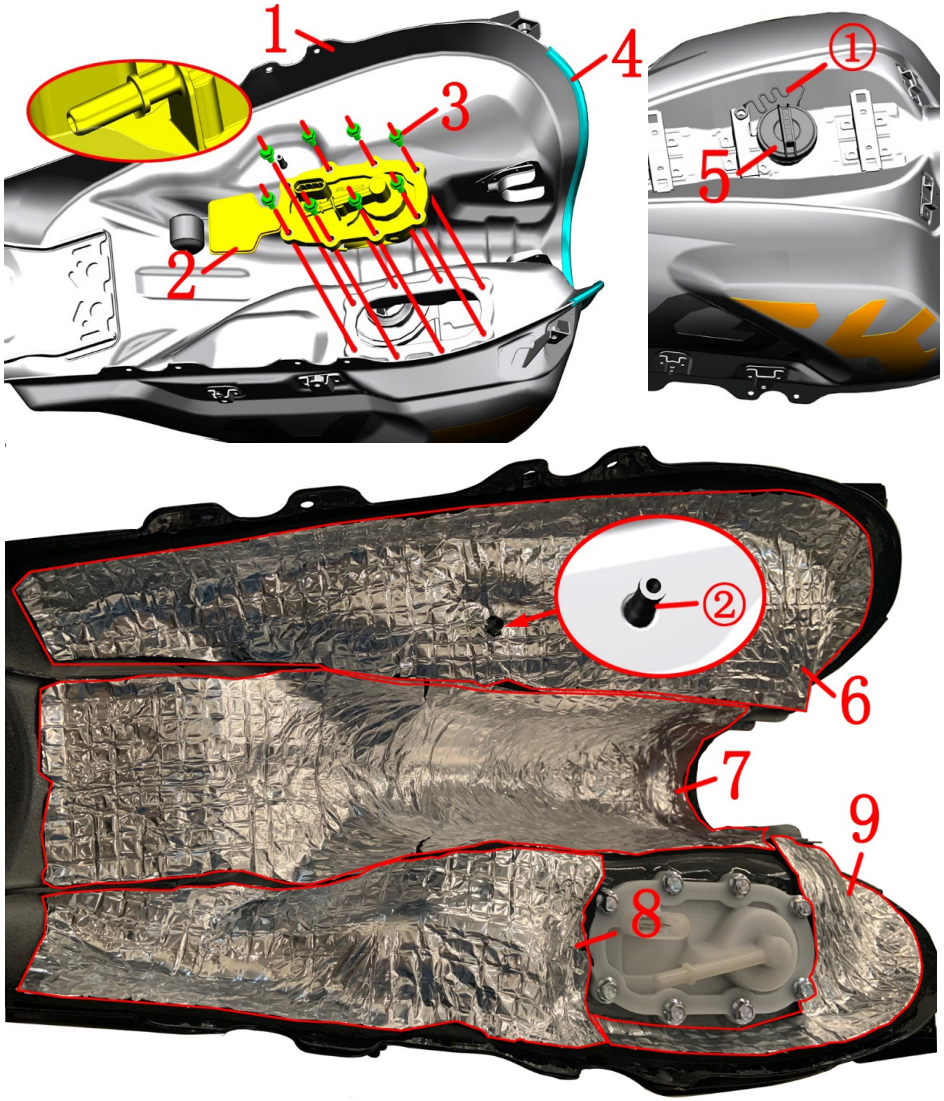
Remove the damper (2) from the swivel bracket (3).

CAUTION:

●The parts should be protected during the disassembly process to prevent damage to the paint surface.

●Pay attention to the force when removing the buckle to prevent damage to the buckle.

●When reassembling, note that the torsion spring and damper need to be properly assembled in place.




| Fig.4 FUEL TANK COMPONENT | | Oil pump | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | | ZT350-GK Fuel Tank Assembly | 1 | |
| 2 | 1050956-019000 | T02 built-in fuel pump（ZT350-GK） | 1 | |
| 3 | 1250105-137093 | GB5789M6×16 (environmental color) | 8 | |
| 4 | 1240300-021000 | HJ125－6 pod glass strip （1.5m） | 1 | 0.25 |
| 5 | 1224100-033000 | ZT250－S thread cap of the fuel tank | 1 | |
| 6 | 1244300-030000 | ZT350－GK right part of oil tank insulation cotton | 1 | |
| 7 | 1244300-021000 | ZT350－GK middle of oil tank insulation cotton | 1 | |
| 8 | 1244300-032000 | ZT350－GK left rear of oil tank insulation cotton | 1 | |
| 9 | 1244300-031000 | ZT350－GK left reont of oil tank insulation cotton | 1 | |

PROCEDURE:

●Oil pump component

Remove 8 pcs bolts (10) with a 10# sleeve.

When the fuel pump (4) is removed, the float connecting rod cannot be bent to avoid inaccurate oil display.

After removing the fuel pump,it is recommended to temporarily seal the oil pump port and pay attention to prevent collsion.Prevent foreign matters from falling into the tank.

●Shroud glass strip

Remove the glass strip(4) from the fuel tank(1).

●Fuel tank cap

Flip to the front of the tank assembly, turn the tank cap (5) counterclockwise and remove.Be careful not to pull the nylon cord① during the removal process.

CAUTION:

●The parts should be protected during the disassembly process to prevent damage to the paint surface.

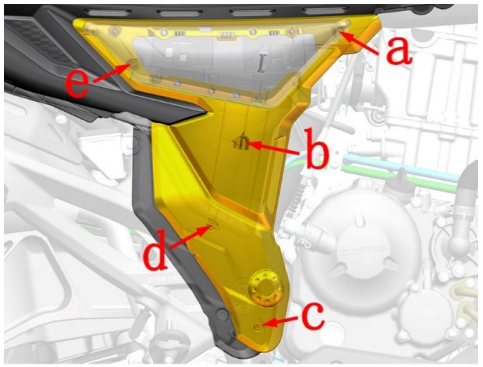
●Before disassembling the fuel tank assembly, it is recommended to use the oil pump to pull out the fuel or use off the fuel.

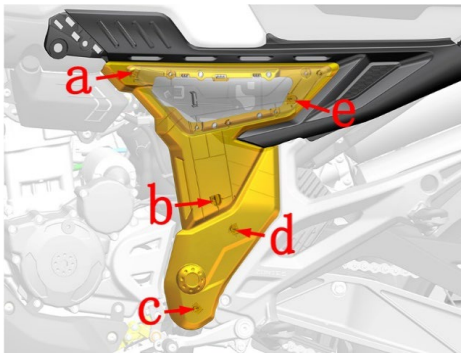
●Fireworks, telephone calls should not be allowed near the motorcycle -removal workshop to prevent accidents.

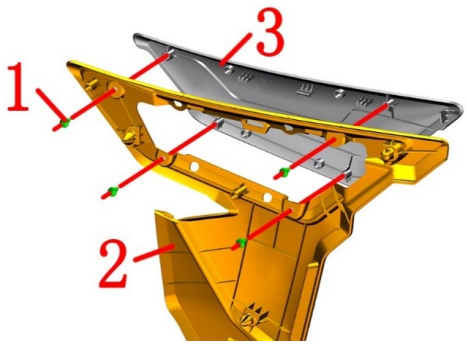
●When reversing the fuel tank inner assembly, remove the fuel pump and check that the fuel tank cap is tightened to prevent the remaining fuel from overflowing from the fuel tank port;the vent pipe 2 may have a small amount of fuel overflow when the fuel tank cap is turned back.

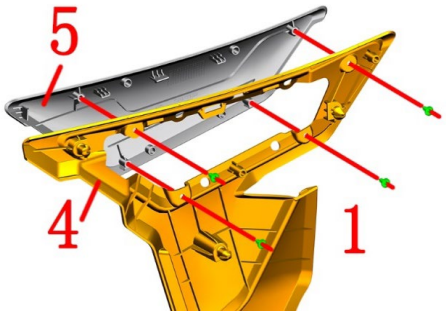
●When reassembling the fuel pump, be sure to clean the joint surface of the fuel pump sealant and the tank liner. When locking the bolt, the position should be locked to ensure uniform deformation of the seal gasket.

●The heat insulation cotton is a consumable.If it needs to be replaced,tear off the old cotton and paste the new cotton after it is cleaned.




| Fig.1 SIDE COVER COMPONENT | | Side cover component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251200-050094 | Non-standard cross tapping screws ST3.9×12 (black zinc) | 8 | |
| 2 | 1224300-046000 | ZT350-GK lower part of left cover | 1 | |
| 3 | | ZT350-GK left side cover trim cover | 1 | |
| 4 | 1224300-047000 | ZT350-GK lower part of right side cover | 1 | |
| 5 | | ZT350-GK right side cover trim cover | 1 | |

PROCEDURE:

●Side cover assembly

First grasp part "a" of the left cover assembly and gradually pull out the side cover along the gap, and then pull out "b", "c", "d" and "e" in turn. There are multiple mushroom buttons at the position of the side cover assembly. After pulling out, remove the left cover assembly.

Remove the right side assembly in the same way.

Remove 4 self tapping screws (1) with a cross screwdriver, and remove the lower part (2) of the left cover and the decorative cover (3) of the left cover.

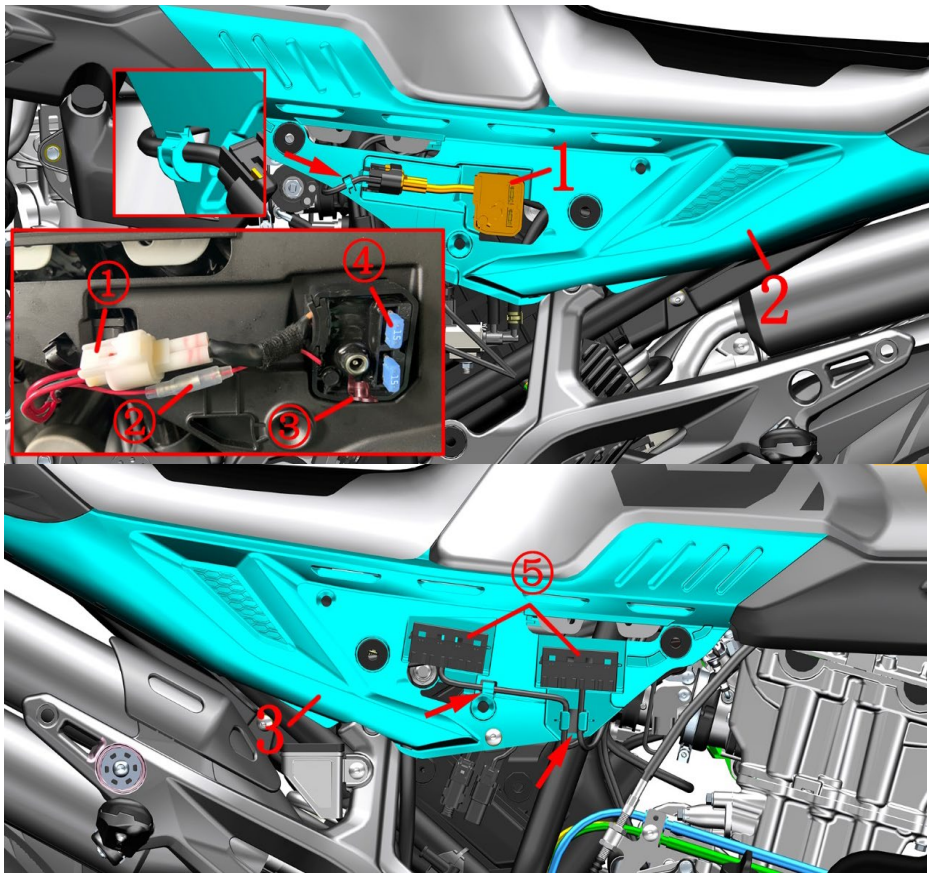
Remove the four self tapping screws (1) with a cross screwdriver, and remove the lower part (4) of the right cover and the decorative cover (5) of the left cover.

CAUTION:

●Pay attention to the strength when removing the buckle to prevent damage to the buckle.

●Protect materials and parts during disassembly to prevent scratches.

●In the process of loading and unloading self tapping screws, the screws shall remain perpendicular to the hole position and shall be operated with appropriate torque.




| Fig.2 SIDE COVER COMPONENT | | Side cover component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1184300-003000 | ZT350 charging port base | 1 | |
| 2 | 4044302-009022 | ZT350-GK upper part of left side cover (matte black) | 1 | |
| 3 | 4044302-010022 | ZT350-GK upper part of right side cover (matte black) | 3 | |

PROCEDURE:

●Charging port base

Find the plug of charging base (1) on the left cover (2), press the buckle at ①, pull out the plug and pull out the connector at ②. Remove the cable from the slot clip.

When the battery is dead, remove the PKE fuse ④, uncover the rubber plug ③ and charge it with the charger delivered with the vehicle. When charging, insert the charging line into the charging port first, and then connect the power supply.

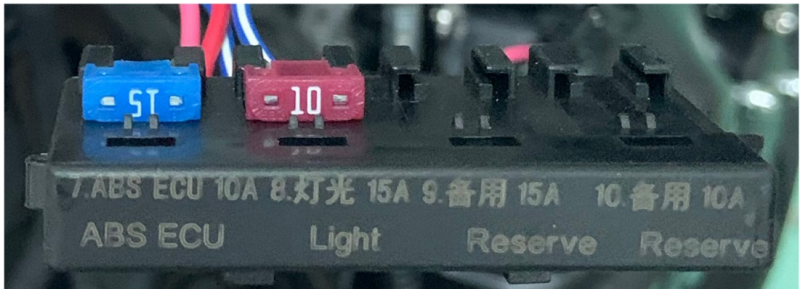
Remove the cable indicated by the arrow on the right cover (3) from the slot buckle and remove the fuse box ⑤.

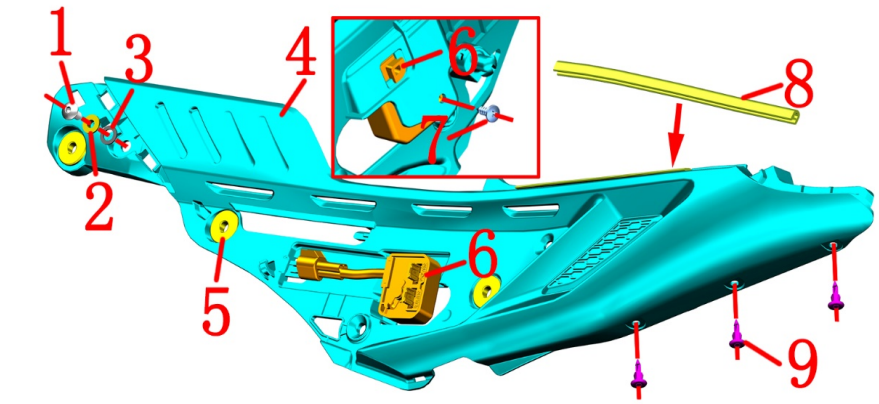
CAUTION:

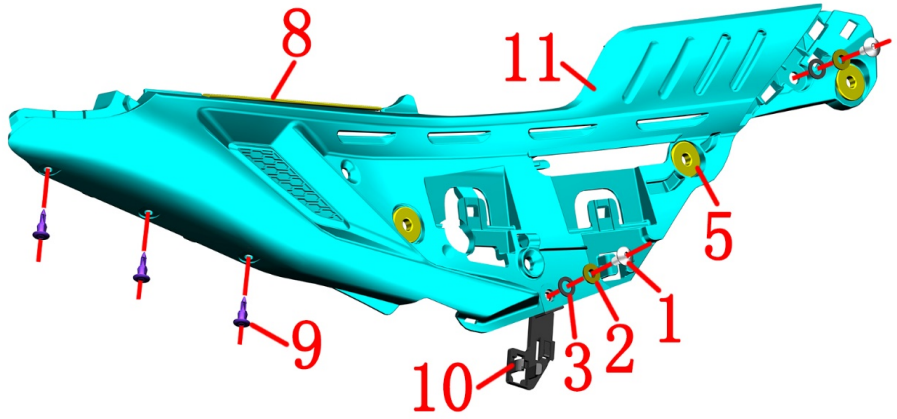
●Before removing the upper part of the side cover, remove the cushion, rear armrest and water tank cover in advance.

●Pay attention to the strength when removing the buckle to prevent damage to the buckle.

●Protect materials and parts during disassembly to prevent scratches.




| Fig.3 SIDE COVER COMPONENT | | Side cover component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 3 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 3 | |
| 4 | 4044302-009022 | ZT350-GK Left cover uppe (matte black) | 1 | |
| 5 | 1244100-002000 | ZT250－S Side cover round rubber | 6 | |
| 6 | 1184300-003000 | ZT350-GK upper part of right side cover (matte black) | 1 | |
| 7 | 1251200-050094 | Non-standard cross tapping screws ST3.9×12 (black zinc) | 1 | |
| 8 | 1240300-021000 | HJ125－6 pod glass strip （1.5m） | 1 | Side cover 18cm |
| 9 | 1224100-010000 | ZT250－S swell nail | 6 | |
| 10 | 1224300-063000 | ZT350-GKRear brake sensor clamp | 1 | |
| 11 | 4044302-010022 | ZT350-GK upper right cover (matte black) | 1 | |

PROCEDURE:

● upper assembly of left and right covers

Remove one bolt(1) on the upper part(4) of the left cover with 4# hexagon socket, remove the turn over bushing (2)and buffer rubber(3), pull out two Mushroom buckles on the side cover, remove the upper part(4) of the left cover, turn it over to the other side, remove the self tapping screw(7) with a cross screwdriver and remove the charging port seat (6).

Remove one bolt(1) in front of the upper part(11) of the right cover with 4# inner hexagon, remove the turnover bushing(2) and buffer rubber(3), remove the upper part(11) of the right cover, and then remove the bolt(1) with 4# inner hexagon, remove the turnover bushing(2) and buffer rubber(3), and remove the sensor clamp(10).

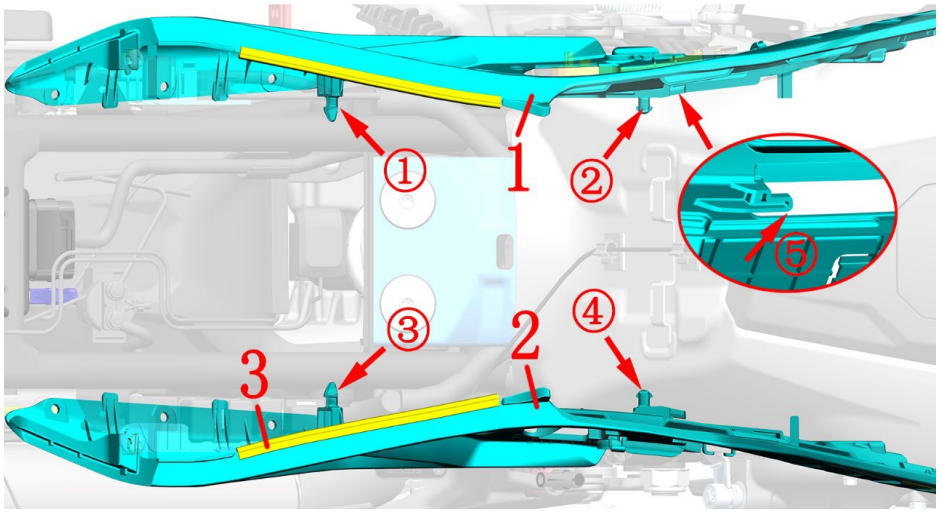
The upper components of the left and right covers are equipped with three side cover round rubber(5).

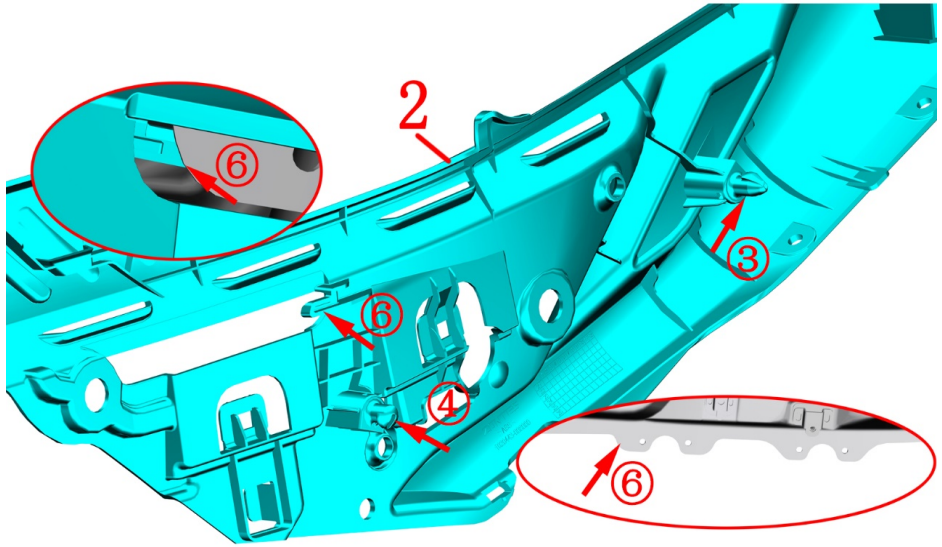
CAUTION:

●Before removing the upper part of the side cover, remove the cushion and rear armrest in advance.

●Pay attention to the strength when removing the buckle to prevent damage to the buckle.

●Protect materials and parts during disassembly to prevent scratches.




| Fig.4 SIDE COVER COMPONENT | | Side cover component 4 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 4044302-009022 | ZT350-GK upper part of left side cover (matte black) | 1 | |
| 2 | 4044302-010022 | ZT350-GK upper part of right side cover (matte black) | 1 | |
| 3 | 1240300-021000 | HJ125－6 pod glass strip （1.5m） | 1 | Side cover 18cm |

PROCEDURE:

●upper part of right side cover

During reassembly, install mushroom buckles ③ and ④ in place, and insert the buckle at ⑥ onto the oil tank.

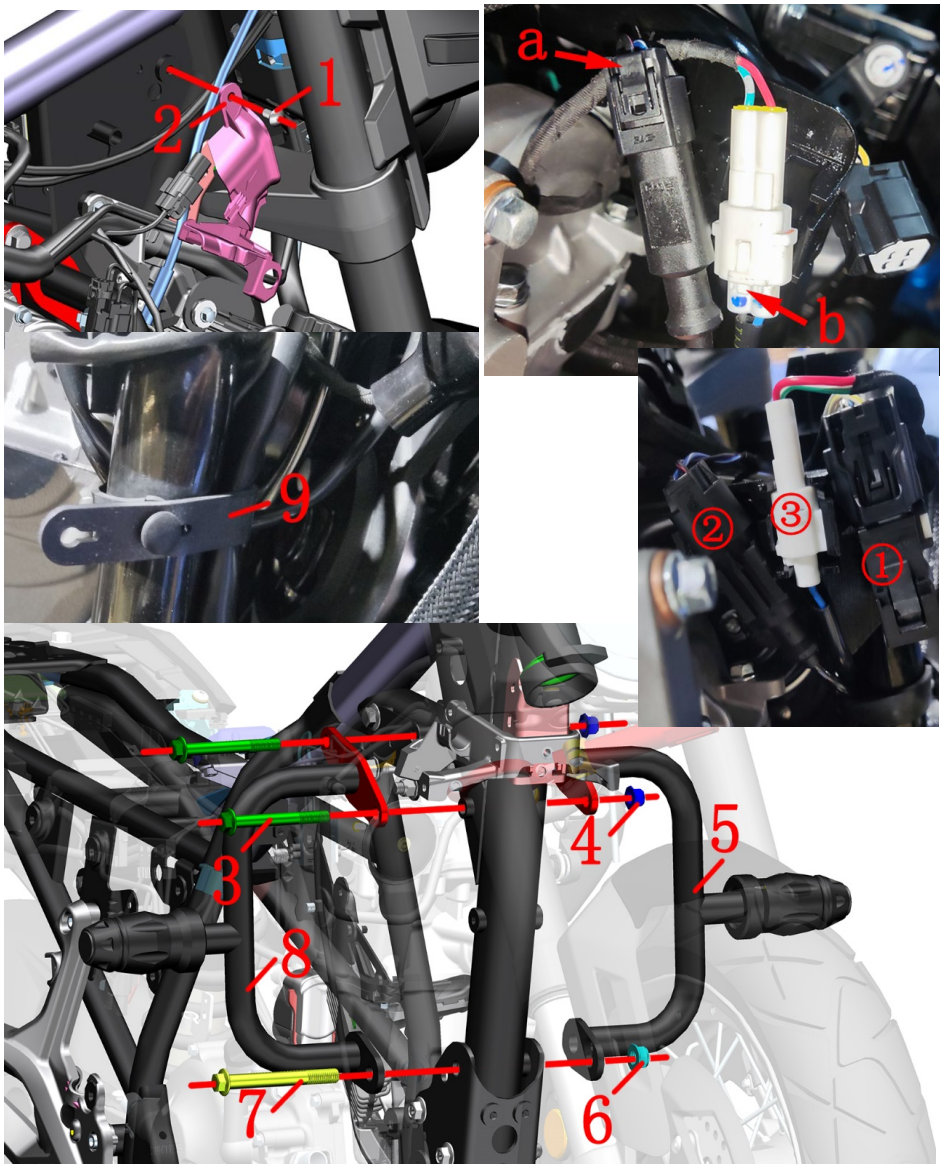
●upper part of left side cover

Replace the left cover according to the method of the right cover.

CAUTION:

● pay attention to the strength when disassembling the buckle to prevent damage to the buckle.

● protect materials and parts during disassembly and assembly to prevent scratches.




| Fig.1 GUARD BAR COMPONENT | | Guard bar component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 2 | 1224300-068000 | ZT350－GK Head wiring box | 1 | |
| 3 | 1251100-060000 | Non-standard boltM10×1.5×90(color zinc) | 2 | |
| 4 | 1251300-057093 | Non-standard nuts M10×1.5 (color zinc) | 2 | |
| 5 | 1144300-007000 | ZT350－GK Left bumper assembly | 1 | |
| 6 | 1250305-009091 | GB6187.1M12×1.25(white zine) | 1 | |
| 7 | 1251112-023000 | GB5787 Non-standard bolt M12×1.25×95 (10.9/Dacromet) | 1 | |
| 8 | 1144300-008000 | ZT350－GK Right bumper assembly | 1 | |
| 9 | 1244200-139000 | ZT310 Rubber buckle(120mm) | 2 | |

PROCEDURE:

●Guard bar

Remove the oxygen senser connector①/wheel speed sensor connector②/ water tank connector③ from the fan plug holder.

Remove the muffler assembly and oxygen senser first according to the steps in "MUFFLER COMPONENT".

First untie the two rubber wire buckles (9) of the right guard bar . Press the position indicated by the arrow "a" and pull out wheel speed sensor connector② .Press the position indicated by the arrow" b" and pull out water tank connector③.

Using 4# inner hexagon socket remove the bolt(1),take off the Head wiring box(2),remove the cable.

Fix the head of hanger bolt(3) with 14# sleeve,and thn remove bolt(4) with 14# plum wrench.

Fix the head of hanger bolt(7) with 14# sleeve,and thn remove bolt(6) with 14# plum wrench.

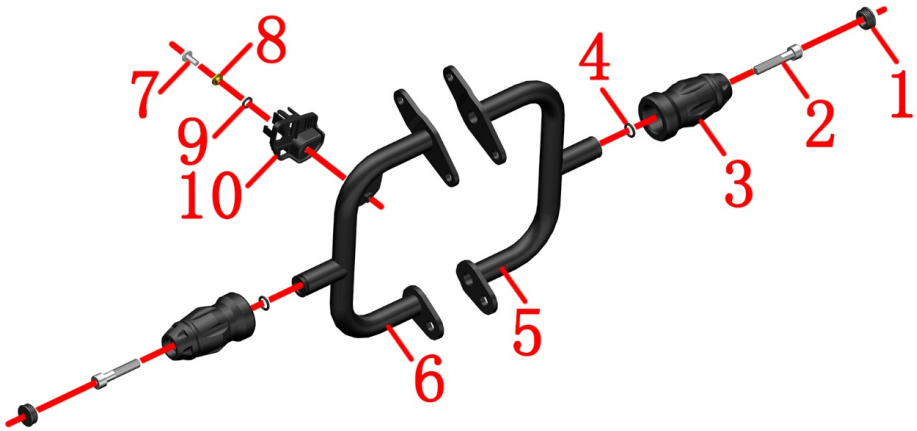
CAUTION:

●The seat cushion, side cover, fuel tank asembly,water tank decorative,muffler assembly,horn. must be removed in advance.

●Remove bumper assembly rear,re insert the bolt connecting the guard bar with the hanger and bracket.

●A small amount of fuel leakage is required when the high-pressure oil pipe sub-assembly is pulled out, and the fuel should be prevented from dripping to the outside of the engine or the muffler.

●The seat cushion, side cover, fuel tank asembly, etc. must be removed in advance.




| Fig.2 GUARD BAR COMPONENT | | Guard bar component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244100-061000 | ZT250 anti-water rubber of frame | 2 | |
| 2 | 1251100-083094 | Non-standard bolt M10×1.5×50 (black zinc) | 2 | |
| 3 | 1244300-026000 | ZT350－R guard bar anti-drop glue | 2 | |
| 4 | 1244300-028000 | O-ring φ11.8×2.65(inner diameter × wire diameter) | 2 | |
| 5 | 1144300-007000 | ZT350－GK Left bumper assembly | 1 | |
| 6 | 1144300-008000 | ZT350－GK Right bumper assembly | 1 | |
| 7 | 1251100-102000 | Non-standard bolt M6×16 (304 stainless steel) | 1 | |
| 8 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 1 | |
| 9 | 1244100-052000 | Flanging bushing rubber (φ8.5×φ14×1) | 1 | |
| 10 | 1224300-058000 | ZT350－GK Fan plug holder | 1 | |

PROCEDURE:

●Left guard bar

Take off the rubber(1),using 6# inner hexagon socket remove the bolt(2),then take off the anti-drop glue(3) and the O-ring(4).

●Right guard bar

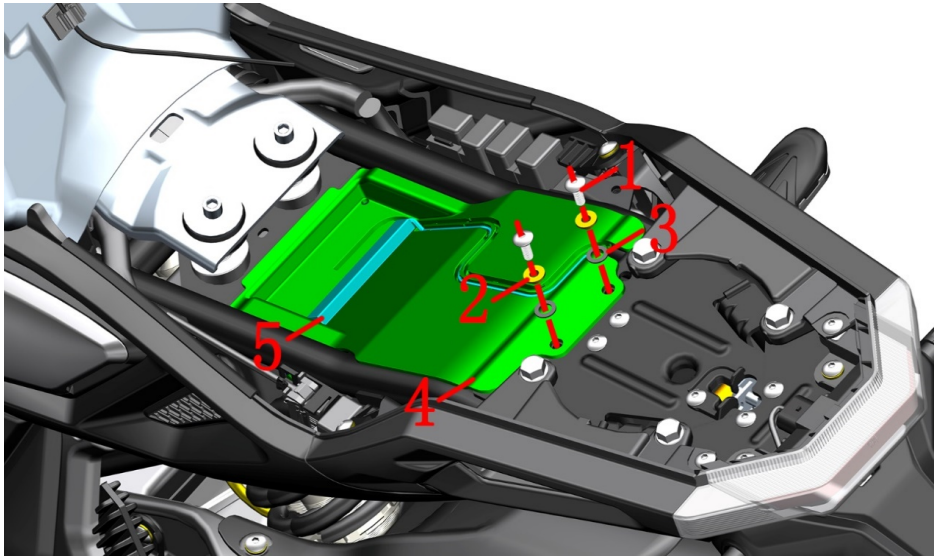
Using 4# inner hexagon socket remove the bolt(7),take off the bushing(8) and rubber bushing(9),then take off the plug holder(10).

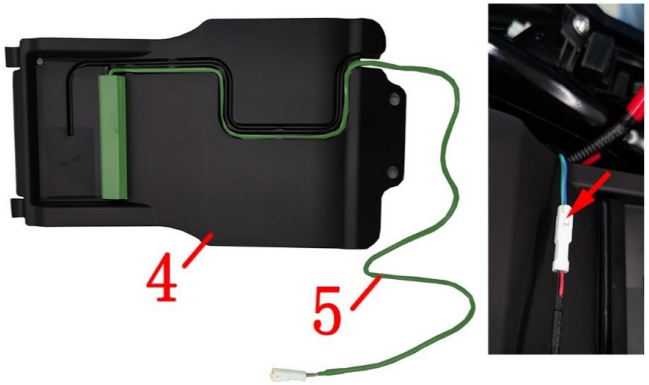
Follow the steps above to remove the right guard bar.

CAUTION:

●Refer “Frame&Engine component” steps remove guard bar assembly from the motocyle.

●The seat cushion, side cover, fuel tank asembly, etc. must be removed in advance.




| Fig.1 REAR COVER COMPONENT | | Electric device box cover component | CHK ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 4 | 1224300-042000 | ZT350－GK electric device box upper cover | 1 | |
| 5 | 1184200-053000 | ZT310PKE external single antenna | 1 | |

PROCEDURE:

●Electric device box cover component

Using 4# inner hexagon socket remove the bolts(1),take off the bushing(2) and cushion rubber (3).

Grap the electric box uppper cover(4) and lift it up then move it backward.Note that the cable of the PKE antenna is not unplugged.

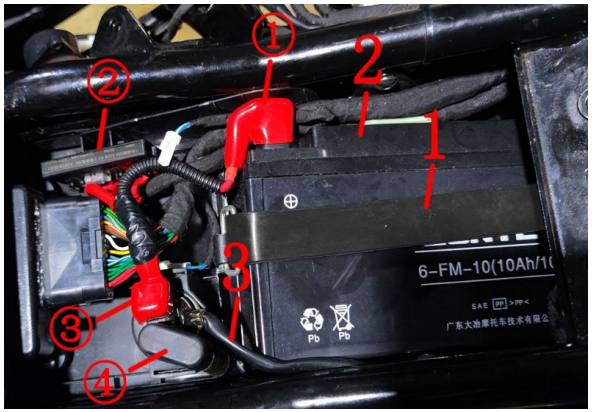
As shown in the picture,press the white plug of PKE antenna to prevent the release of the card and pull out.

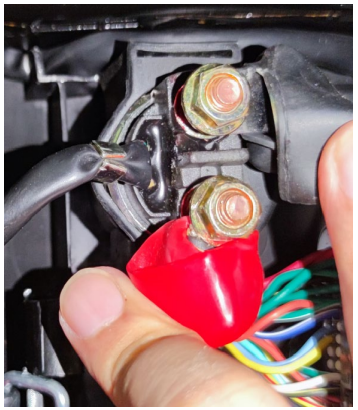
The PKE external antenna are Velcro + double-sided tape glued to the electric deviced box cover.Use a hot air gun to heat up a bit, remove the double-sided glue, and clean the residual glue.

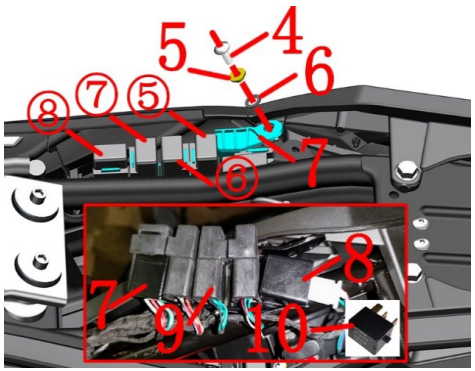
CAUTION:

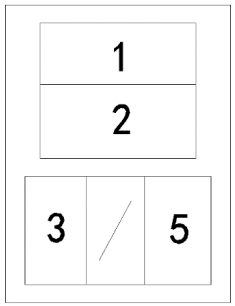
●Remove seat cushions in advance.

●Pay attention to the insertion buckle of the head of the electrical device box cover to be assembled in place,and check whether ther is line pressing before fastening the bolts,you should arrange the cables first,and then assemble.






The cable end

Fuel-injection relay

To check whether it is damaged, pull it out and turn it over to the side of the plug-in piece. As shown in the figure, "3 "and "5 " are normally closed contacts, which can be tested with the buzzer gear of a multimeter. 1 and 2 are normally open contacts. Otherwise, it can be judged as relay fault.

CAUTION:

●Remove side covers and seat cushions in advance.

●The material should be protected during discomponent to prevent damage to the paint.

●When reassembling, first check if there is any pressure on the wire to prevent short circuit when tightening the bolt.

| Fig.2 REAR COVER COMPONENT | | Battery/relay/flasher | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244200-111000 | ZT310 gel battery strap | 1 | |
| 2 | 1184200-099000 | ZT310 colloid battery (6-FM-10/10Ah) | 1 | |
| 3 | 1184100-010000 | ZT250－S starting relay | 1 | |
| 4 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 1 | |
| 5 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 1 | |
| 6 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 1 | |
| 7 | 1224300-054000 | ZT350－GK relay mount | 1 | |
| 8 | 1180300-101000 | HJ150-3 square flasher (LED) | 1 | |
| 9 | 1244200-103000 | ZT310 relay rubber sleeve | 4 | |
| 10 | 1184100-017000 | ZT250－S fuel-injection relay | 4 | |

PROCEDURE:

●Start relay

Open the red rubber cap ③ and black rubber cap ④ of the starting relay (3) respectively, and then use 10# sleeve to remove the nut.

Remove the bolt (4) with 4# hexagon socket and remove the bushing (5) and rubber pad (6). Pull up the fixed seat assembly, find the plug on the right side of the vehicle and pull out the Yellow / red and green / red wires. Pull up the start relay to remove it.

During reinstallation, the Yellow / red and green / red lines of the relay correspond to the color of the main line cable, and there is no need to distinguish at the nut. Make sure to cover the protective cap after tightening the nut and insert it back into the electrical component box.

●Battery

Stretch the end of the strap (1) close to the positive pole of the battery and press the metal ring down to bypass the limit buckle of the electrical component box.

Pull out the battery, lift the positive red rubber cap ①, and then use a cross screwdriver or 10# sleeve to remove the bolts provided with the battery. Then lift the black rubber cap of the negative electrode and remove the bolt.

Remove the battery from the vehicle and place it.

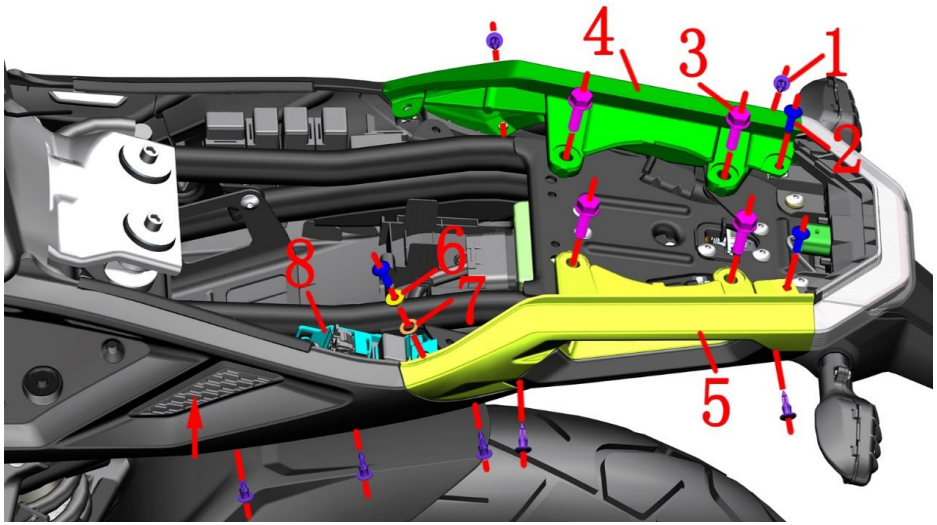
Push the plastic part at one end of the electrical part box close to the air filter forward a certain distance to remove the strap (1).

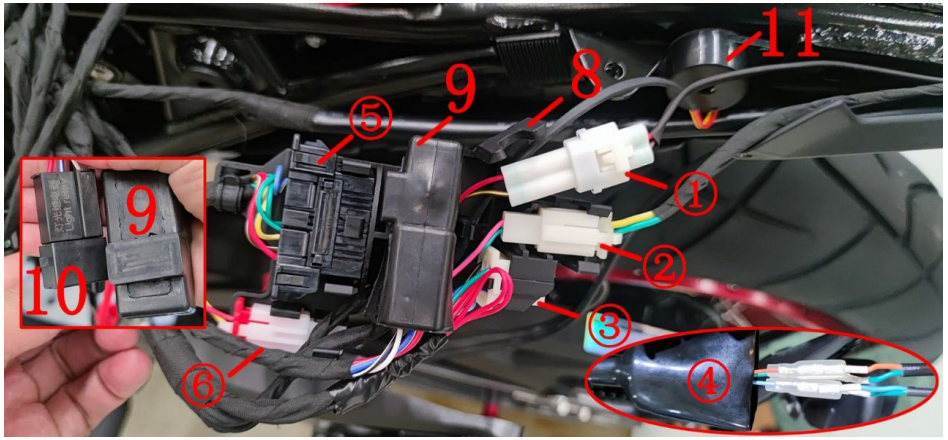
Use a multimeter to measure the battery voltage. If it is lower than 12.8 V, charge it in time. When the vehicle is not used for a long time, the battery shall be removed for storage and charged once a month.

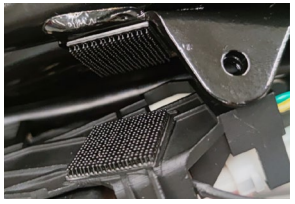
●Relay mount

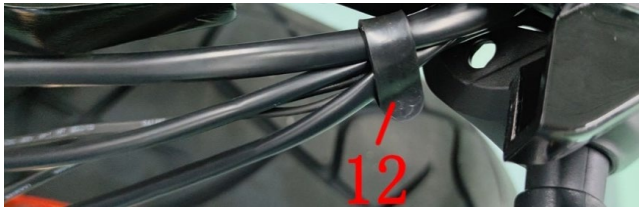
Unplug the plug of the flasher(8),then take off the flasher form the mount.

Pull out the four relay rubber sleeves (9), and then you can see the EFI relay (10). ⑤ It is the starting auxiliary relay, ⑥ is the cooling fan relay, ⑦ is the main relay, and ⑧ is the oil pump relay; There may be different sorting batches. The corresponding text description is printed on the plug at the cable end, which can be seen after removing the rubber sleeve.






| Fig.3 REAR COVER COMPONENT | | Rear armrest component | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1224100-010000 | ZT250－S swell nail | 7 | |
| 2 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 3 | |
| 3 | 1251100-123093 | non-standard bolt M8×25 (color zinc) | 4 | |
| 4 | 4024300-025021 | ZT350－GK right rear rack (matte black ) | 1 | |
| 5 | 4024300-026021 | ZT350－GK left rear rack (matte black ) | 1 | |
| 6 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 1 | |
| 7 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 1 | |
| 8 | 1224300-059000 | ZT350－GK taillight plug holder | 1 | |
| 9 | 1244200-103000 | ZT310 relay rubber sleeve | 1 | |
| 10 | 1184100-017000 | ZT250－S fuel-injection relay | 1 | |
| 11 | 1184200-016000 | ZT310 PKE Buzzer | 1 | |
| 12 | 1244300-023000 | ZT310 rubber buckle (50mm) | 1 | |

PROCEDURE:

●Rear armrest assembly

Use 14# sleeve to remove 2 bolts (3) and 2 expansion nails (1) on the right. Grasp the right rear armrest (4) and remove the bolt (2) with 4# socket head and remove the right armrest (4).

Remove the bolt (2) at the plug holder (8) with 4# inner hexagon, and remove the bushing (6) and buffer rubber (7).

Remove the left rear armrest (5) according to the steps of removing the right armrest.

●Taillight plug holder

Remove the three expansion nails at the bottom of the left cover, and pull the upper part of the left cover close to the taillight plug holder outward for a certain distance to pull up the holder assembly.

Pull out the rubber sleeve (9) upward. After taking it off, you can see the relay (10), which is the light relay. See the previous page for the detection method.

The buzzer (11) is pasted on the frame with double-sided adhesive tape. Pull out the plug ⑥ to remove it.

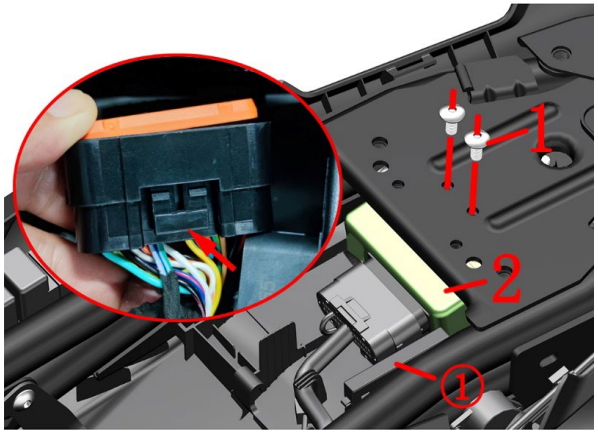
① It is the cushion lock plug, ② is the license lamp plug, ③ is the reserved plug for the anti-theft device, ④ is the rubber sleeve of the steering lamp plug, ⑤ is the OBD diagnostic interface, and ⑥ is the buzzer plug.

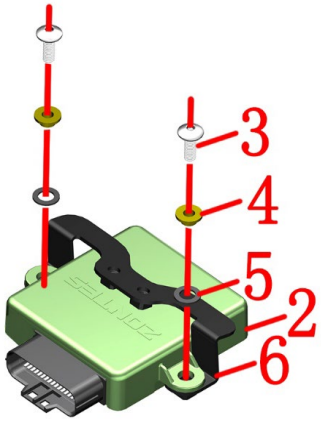
Take off the rubber buckle⑿.

CAUTION：

●Remove seat cushions in advance.

●The material should be protected during the disassembly process to prevent damage to the paint surface.






| Fig.4 REAR COVER COMPONENT | | PKE component | CHK / ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 2 | |
| 2 | 1184300-024100 | 2.5 generation PKE assembly(including induction key) | 1 | |
| 3 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 2 | |
| 4 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 5 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 6 | 1274300-035000 | ZT350－GK three generation PKE bracket | 1 | |
| 7 | 1251200-050094 | Non-standard cross tapping screws ST3.9×12 (black zinc) | 2 | |
| 8 | 1184300-005000 | ZT350 non electric induction antenna | 1 | |

PROCEDURE:

●PKE

There is an anti release buckle on the back of the plug, which needs to be pulled out while pressing. Due to the waterproof rubber ring in the plug, the resistance will be relatively large when pulling out. Pay attention not to shake up and down to prevent damage to the main engine shell, but slightly shake left and right.

Remove the two bolts (1) with 4# hexagon socket and pull out the fuse box ① upward to facilitate the removal of PKE host assembly.

Remove two bolts (3) with 4# hexagon socket, remove bushing (4) and buffer rubber (5), and separate PKE support (6) from PKE host (2).

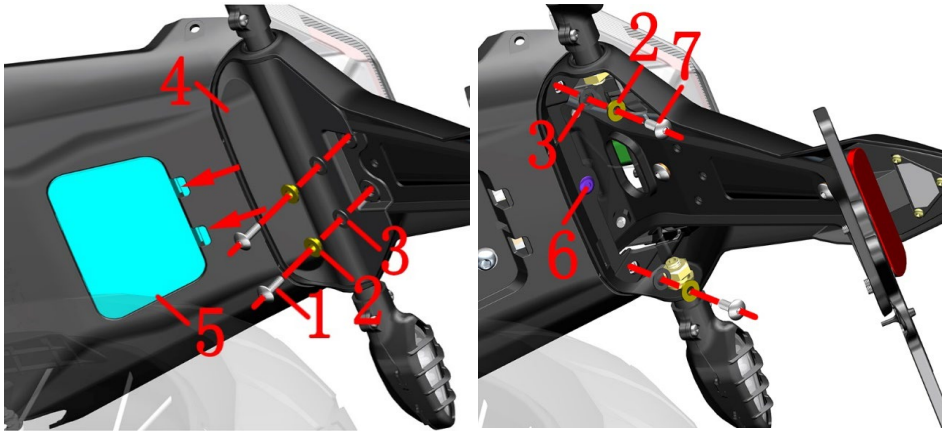
●Induction antenna

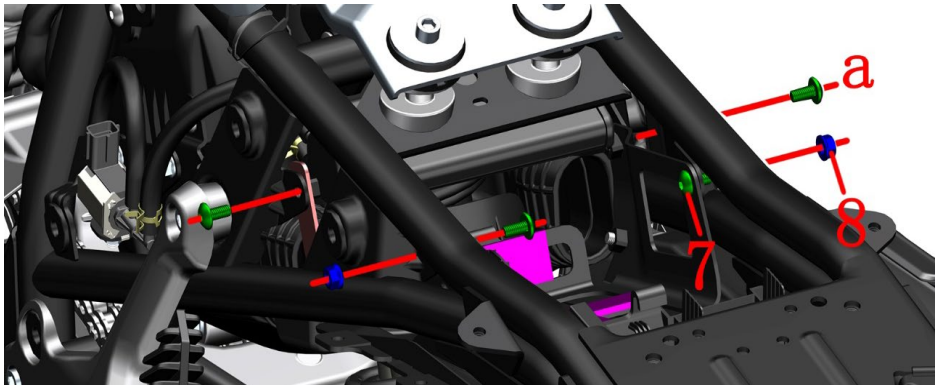
Remove the two screws (7) with a cross screwdriver, pull out the induction antenna (8) and then pull out the plug. Whether there is an electric induction mark on the back of the electrical device box.

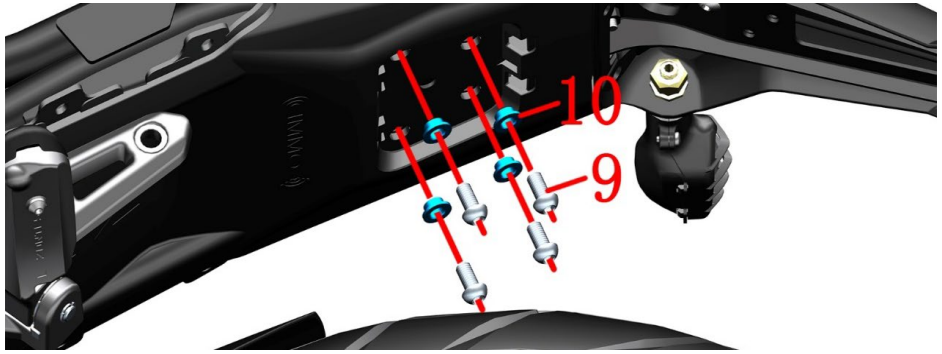
CAUTION：

●Never pull the cable directly.

●When assembling self-tapping screws, it must be perpendicular tomounting surface, otherwise it will bedamaged,and the torque should not be too large.




| Fig.5 REAR COVER COMPONENT | | Electric device box component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 4 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 4 | |
| 4 | 1224300-033000 | ZT350－GK Rear mud plate bottom cover | 1 | |
| 5 | 1221200-072000 | KD150－G1 rear skirt mounting cover | 1 | |
| 6 | 1224100-010000 | ZT250－S swell nail | 1 | |
| 7 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 6 | |
| 8 | 1250303-010093 | GB6177.1M6 (environmental color) | 2 | |
| 9 | 1251100-122093 | Non-standard bolt M8×16 (environmental color) | 4 | |
| 10 | 1251700-058093 | Flanging bushing φ8.2×φ11×4.5＋φ16×1.5(environmental color) | 4 | |

PROCEDURE:

●Rear apron mounting cover

Push the two clips of the mounting cover (5) in the direction indicated by the arrow and remove the mounting cover.

●Rear apron bottom cover plate

As shown in Figure 1, remove 2 bolts (7) with 4# hexagon socket, remove bushing (2) and buffer rubber(3), and remove cover plate (4). Note that there are two buckles near the rear tail skirt installation cover of the cover plate.

As shown in Fig. 2, remove 2 bolts (1) with 4# hexagon socket, remove bushing (2) and buffer rubber(3). Remove the expansion pin(6).

●Electrical device box

Fix the head of the bolt (7) on the left inner side of the battery support with 4# hexagon socket, and remove the nut(8)on the outer side with 10# sleeve. Vehicles manufactured before May 2022 at "a" are fixed with inner bolt (7)+outer nut(8),the later produced bolt(7) is fixed from the outside ,and a welding nut is added to the inside of the battery bracket.

Remove the left bolt (7) with 4# socket head.

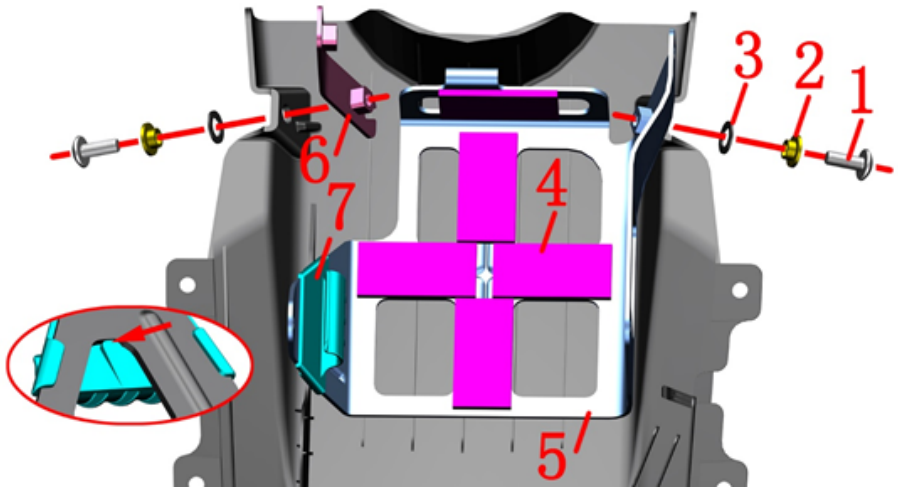
After holding the electrical component box assembly, remove four bolts (9)with 6# hexagon socket and remove the bushing (10).

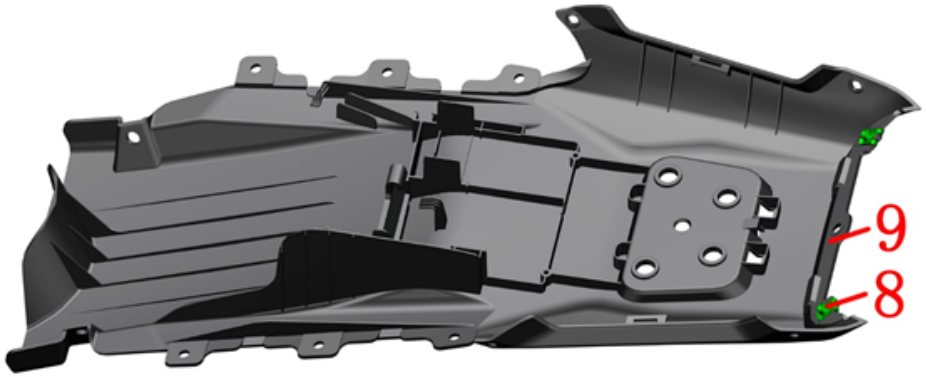
Pull the head of the electrical device box assembly down first, and check whether all electrical device and cables have been unplugged from the electrical device box. Remove the electrical box assembly from the vehicle.

CAUTION：

●The parts should be protected during discomponent to prevent scratching.

●Remove the left and right side covers according to the steps of removeing the side covers.




| Fig.6 REAR COVER COMPONENT | | Electric device box component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12（304 stainless steel） | 2 | |
| 2 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 3 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 4 | 1240300-007000 | HJ125－6 Battery rubber gasket | 5 | |
| 5 | 1274300-051000 | ZT350－GK battery bracket | 1 | |
| 6 | 1274300-048000 | ZT350－GK electric device box connection bracket | 1 | |
| 7 | 1224300-053000 | ZT350－GK battery bracket clip | 1 | |
| 8 | 1251300-063093 | Plywood M6×11×15（color zinc） | 2 | |
| 9 | 1224300-017000 | ZT350－GK electric device box | 1 | |

PROCEDURE:

●Connecting bracket

After grasping the connecting bracket (6), remove the bolt (1) with 4# hexagon socket, and remove the bushing (2) and buffer rubber (3). Remove the connecting bracket (6).

●Battery support

Grasp the battery support assembly, remove the bolt (1) with 4# hexagon socket, and remove the bushing (2) and buffer glue (3).

Remove the battery support assembly.

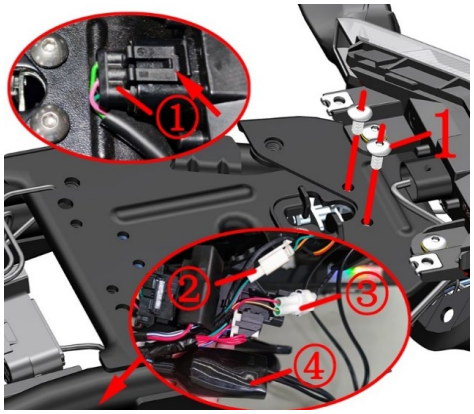
Tear off the battery rubber pad (4) directly by hand and clean up the residual rubber.

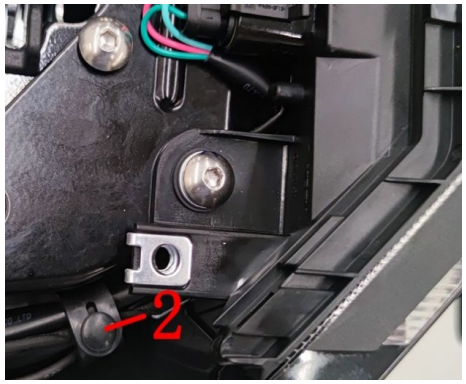
The clamp (7) is clamped on the battery support through the boss. If it needs to be removed, press the boss with a large force before taking it out.

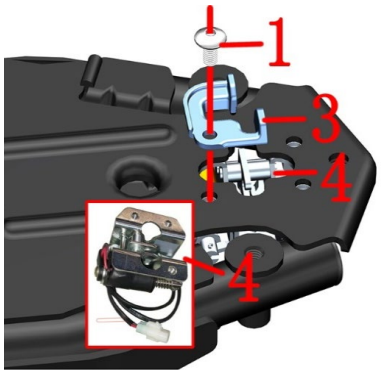
Remove two plywoods (8) from the electrical device box (9).

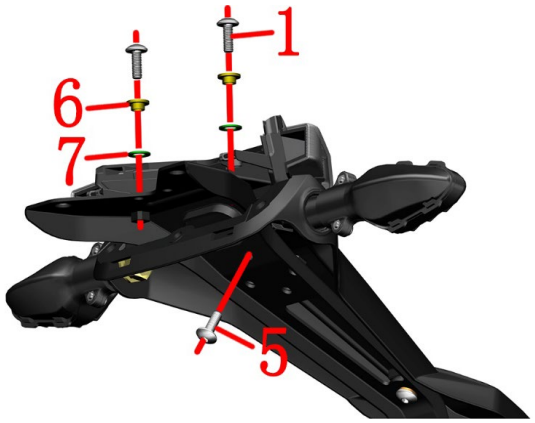
CAUTION：

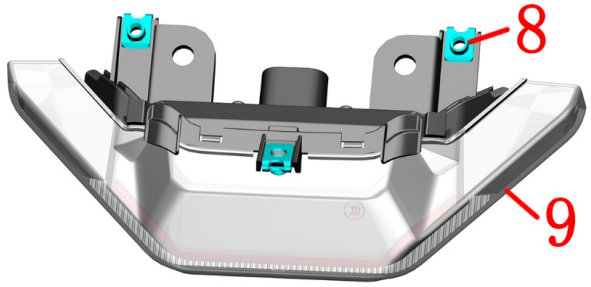
●The parts should be protected during discomponent to prevent scratching.




| Fig.7 REAR COVER COMPONENT | | Rear mud board component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16 (304 stainless steel) | 5 | |
| 2 | 1244300-023000 | ZT310 rubber buckle (50mm) | 1 | |
| 3 | 1224200-205000 | ZT310 electronic cushion lock block | 1 | |
| 4 | 1274100-058000 | ZT310 Electric seat lock | 1 | |
| 5 | 1251100-101000 | Non-standard bolt M6×12（304 stainless steel） | 1 | |
| 6 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 2 | |
| 7 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 2 | |
| 8 | 1251300-063093 | Plywood M6×11×15（color zinc） | 2 | |
| 9 | 1171200-060000 | KD150－G1 Rear Taillight | 1 | |

PROCEDURE:

●Rear mudboard assembly

First pull up the anti falling card of the rear taillight plug ① as indicated by the arrow in Figure 1, and then pull it out.

Pull out the rear license lamp plug ②, cushion lock plug ③ and rear steering lamp plug ④ at the left taillight plug clamp.

Remove the rear mud board assembly from the vehicle. Be careful not to pull the cable forcibly. Pay attention not to press the cable during reassembly.

Take off the line buckle (2).

●Cushion lock

After grasping the cushion lock firmly, remove the bolts (1) with 4# hexagon socket, remove the guide block (3) and then remove the cushion lock (4).Early production of some vehicles cushion lock 3 pcs bolts for M6×12,the current production wehicles for M6×16,can be directly replaced.

●Rear taillight

Remove the bottom bolt (5) with 4# hexagon socket.

Remove the upper two bolts (1) and remove the bushing (6) and buffer rubber (7).

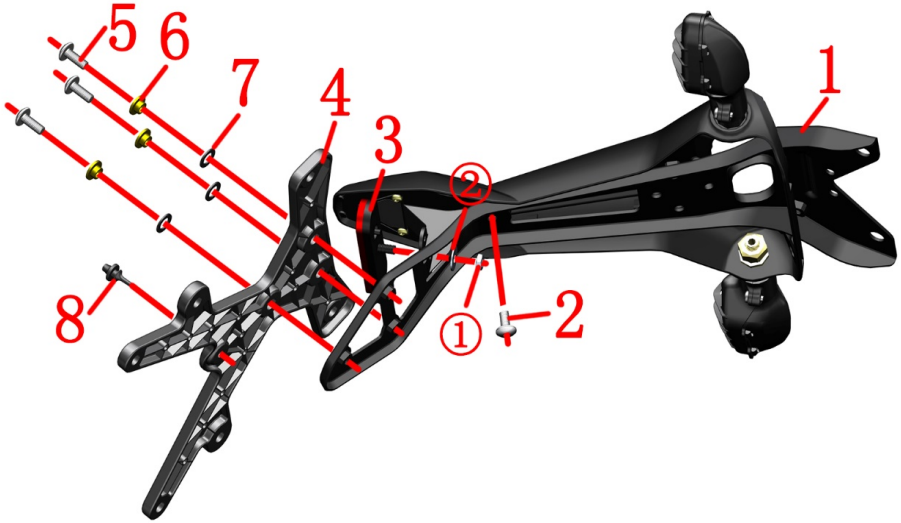
Remove the rear taillight assembly and remove two clamp nuts (8) from the rear taillight (9).

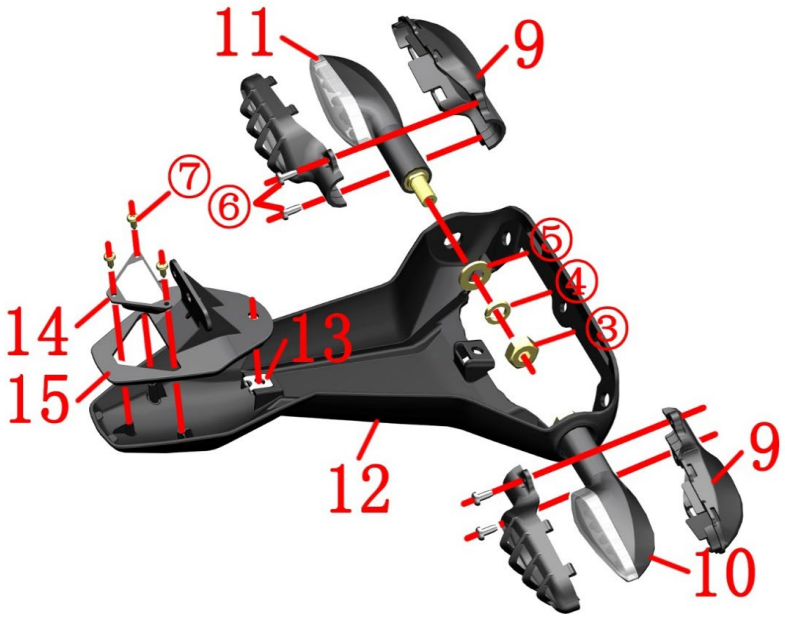
CAUTION：

●Never pull the cable directly.

●The parts should be protected during discomponent to prevent scratching.

●Pay attention to the lamp connector, do not insert the wrong, the left turn signal is green + orange; right turn signal is green + blue.




| Fig.8 REAR COVER COMPONENT | | Rear mud board component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1274300-052000 | ZT350－GK rear mud board bracket | 1 | |
| 2 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 1 | |
| 3 | 1174100-002000 | ZT250－S rear reflector | 1 | |
| 4 | 1221200-068000 | KD150－G1 rear license plate bracket | 1 | |
| 5 | 1251100-102000 | Non-standard bolt M6×16（304 stainless steel） | 3 | |
| 6 | 1274100-057095 | Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 7 | 1244100-052000 | Buffer rubber of flanging bushing （φ8.5×φ14×1） | 3 | |
| 8 | 1244100-006000 | ZT250－S rear liceness rubber buffer | 1 | |
| 9 | 1221200-115000 | KD150-G1 turn light decorative cover (set) | 2 | |
| 10 | 1170300-065000 | HJ125－K rear left turn signal light | 1 | |
| 11 | 1170300-066000 | HJ125－K rear right turn signal light | 1 | |
| 12 | 1224300-031000 | ZT350－GK rear mud board | 1 | |
| 13 | 1251300-063093 | Plywood M6×11×15（color zinc） | 1 | |
| 14 | 1174200-021000 | ZT310-X Liensed lights | 1 | |
| 15 | 1224300-032000 | ZT350－GK rear license plate cover | 1 | |

PROCEDURE:

●Rear license plate bracket

Remove 3 bolts (5) with 4# hexagon socket, remove flanging bushing (6) and buffer rubber (7), and remove rear license plate support (4) from rear mud plate support (1). Pull out the buffer (8) from the license plate support (5).

●Rear reflector

Use a 10# ring wrench to remove the nut ① and gasket ② on the rear reflector and remove the rear reflector.

●Rear mudboard support

Remove the bolt (2) at the bottom with 4# hexagon socket. Take out the rear mudboard support (1) from the rear mudboard hole.

●Rear turn signal lamp assembly

Grasp the rear right turn signal light (11), remove the nut ③ of the steering lamp with 17# ring wrench, take out the spring washer ④ and gasket ⑤, and remove the rear right turn signal light.

Use a cross screwdriver to remove the two self tapping screws ③ from the steering lamp trim cover set, and separate the front and rear shells of the trim cover.

Remove the rear left turn signal light (10) and the trim cover (9) according to the above steps.

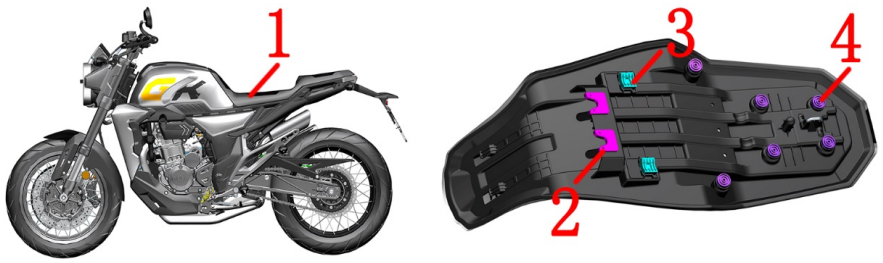
●Rear license plate lamp

Remove the 3 self tapping screws of the rear license plate lamp with a cross screwdriver, and remove the rear license plate lamp (14) and the cover plate (13).

Remove the clamp nut ⑬ from the rear mud plate (12).

CAUTION：

●Never pull the cable directly.




| Fig.1 CUSHION COMPONENT | | Cushion component | CHK / ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | | ZT350－GK cushion component | 1 | |
| 2 | 1244100-024000 | ZT250－S cushion front rubber | 2 | After-sale |
| 3 | 1244300-033000 | ZT350 cushion rubber | 2 | |
| 4 | 1244100-025000 | ZT250－S round cushion rubber | 6 | |

PROCEDURE:

●Remove seat cushion

Press the unlock button " " shortly.After the power-on self test is completed, press the "SEAT" button briefly to open the electronic cushion lock.

Grasp the seat cushion (1) and pull it diagonally upwards. At the same time, remove the cushion by moving the rear part of the cushion from side to side.

●Cushion rubber

The corresponding installation position is shown in Figure2.

●Assembly cushion

Grasp the front turning point and tail of the cushion as shown in Figure 3, and align the head of the cushion with the edge of the middle cover of the oil tank, as shown in Figure 4.

Press and hold the turning point at the front of the cushion with your left hand to make the two inner sides of the cushion flush with the side cover to prevent the cushion from being biased to one side to scratch the cushion, as shown in Figure 5.

Press the turning point with your left hand and push forward with your right hand against the tail of the cushion, as shown in Figure 6.

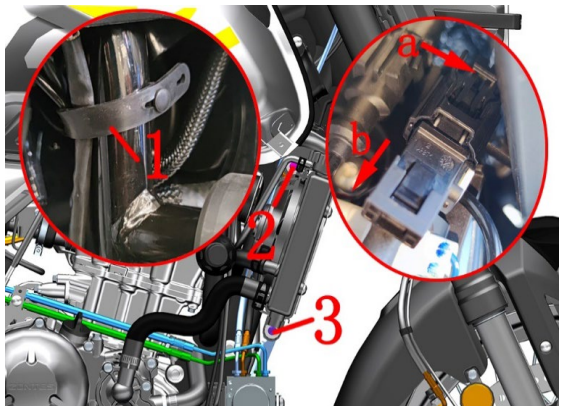
Insert the buckle of the cushion head into the bracket on the oil tank, as shown in Figure 7.

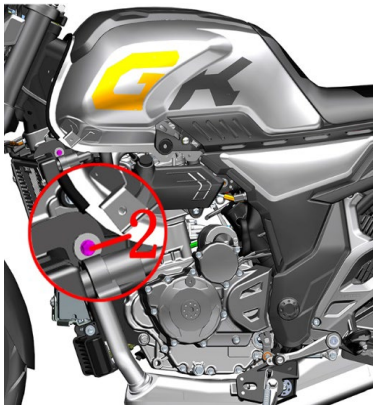
After checking that both sides and head of the cushion are assembled in place, press the tail of the cushion by hand and lock the cushion, as shown in Figure 8.

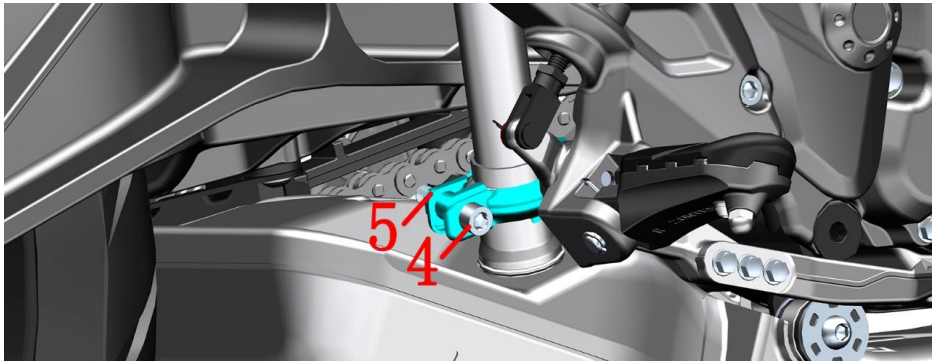
CAUTION:

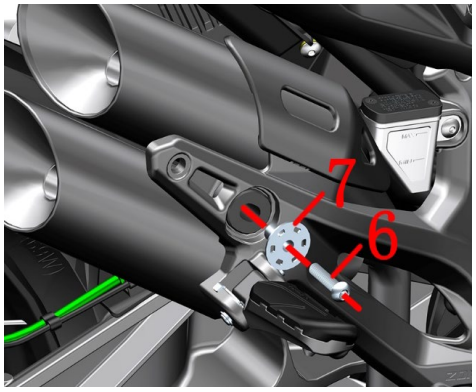
●The motorcycle should be fixed before operation.

●Cushion can cause accidents if it is not installed properly.





| Fig.1 MUFFLER COMPONENT | | Muffler component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1244200-139000 | ZT310 rubber buckle（120mm） | 1 | |
| 2 | 1251100-061093 | M6×22 Hex flang bolt thread level 8.8 (color zinc) | 2 | |
| 3 | 1251112-002093 | M6×30 Hexagon flange bolts (color zinc) | 1 | |
| 4 | 1250205-023000 | GB70.1 inner hexagonal M8X35 (color zinc) | 1 | |
| 5 | 1274100-074000 | ZT310-R Muffler stainless steel bar clasp | 1 | |
| 6 | 1250205-125000 | GB70.2 M8×35（12.9 grade,dacro） | 1 | |
| 7 | 1020243-097000 | ZT350 muffer flanging bushing（φ8.3×φ11.5×20.5×φ8.4×φ33×1.5） | 1 | |
| 8 | 1124300-004000 | ZT350－GK muffler graphite gasket（37.8×28×11） | 1 | |

PROCEDURE:

●Muffler component

Remove the shroud assembly according to the step of "lower shroud assembly 1".

Referring to the steps in "Water tank decorative cover", remove the water tank decorative cover component first.

Lower the side stand.

Remove the rubber buckle(1) at the right guard bar.Locate the plug for the oxgen sensor in the upper right guard bar,press the indicated by arrow "a" with one hand and pull the plug in the direction of arrow "b" with the other hand.

●Muffer rear assembly

Remove the bolt(4) wiht 6# inner hexagon socket and remove clamp(5).

After support the muffer rear assembly then remove the bolt(6) wiht 6# inner hexagon socket,take off the bushing(7),remover the muffer rear assembly from the vehicle.

Take off the graphite gasket(8),protect the nozzle,if it's deformed,it may cause leakage.The graphite gasket may be left in teh rear assembly or in the front assembly when removed.

CAUTION:

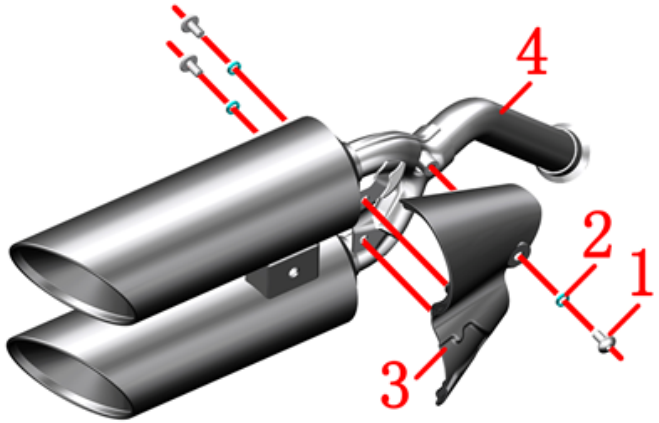
●The parts should be protected during disassembly to prevent damage to the paint.

●The muffler should be completely cooled before it is disassembled.

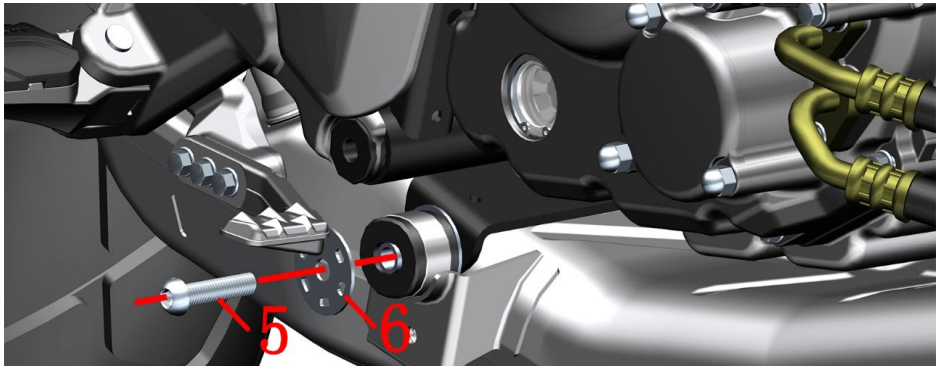
●Prevent foreign matter from entering the interior of the muffler.

●The muffler nozzle needs to be protected. If there is any deformation, it may cause air leakage.

●It is recommended that new seals be replaced each time the muffler front assembly is removed to prevent airleakage.




| Fig.2 MUFFLER COMPONENT | | Muffler component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-101000 | Non-standard bolt M6×12 (304 stainless steel) | 3 | |
| 2 | 1250501-010000 | GB93φ6 spring pad | 3 | |
| 3 | 4084300-010051 | ZT350－GK rear muffe decorative cover (dark gray matte) | 1 | |
| 4 | 4084300-011051 | ZT350－GK rear muffer(dark gray matte) | 1 | |
| 5 | 1250205-125000 | GB70.2 M8×35（12.9 grade,darco） | 1 | |
| 6 | 1020243-098000 | ZT350 muffer gasket（ φ8.3×φ33×1.5） | 1 | |
| 7 | 1020243-097000 | ZT350 muffer flanging bushing（φ8.3×φ11.5×20.5×φ8.4×φ33×1.5） | 1 | |




PROCEDURE:

●Muffer rear assembly

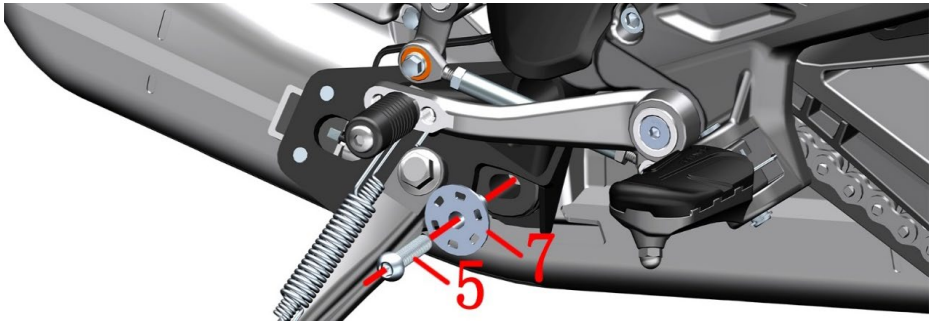
Using 4# inner hexagon socket remove 3 pcs bolts(1),take off spring pads(2) then take off the decorative cover (3) form the rear muffe(4).

Remove the silicone pad(5).

●Muffer front assembly

Using 6# inner hexagon socket remove bolt(5) at the right side of muffer,then take off the gasket(6).

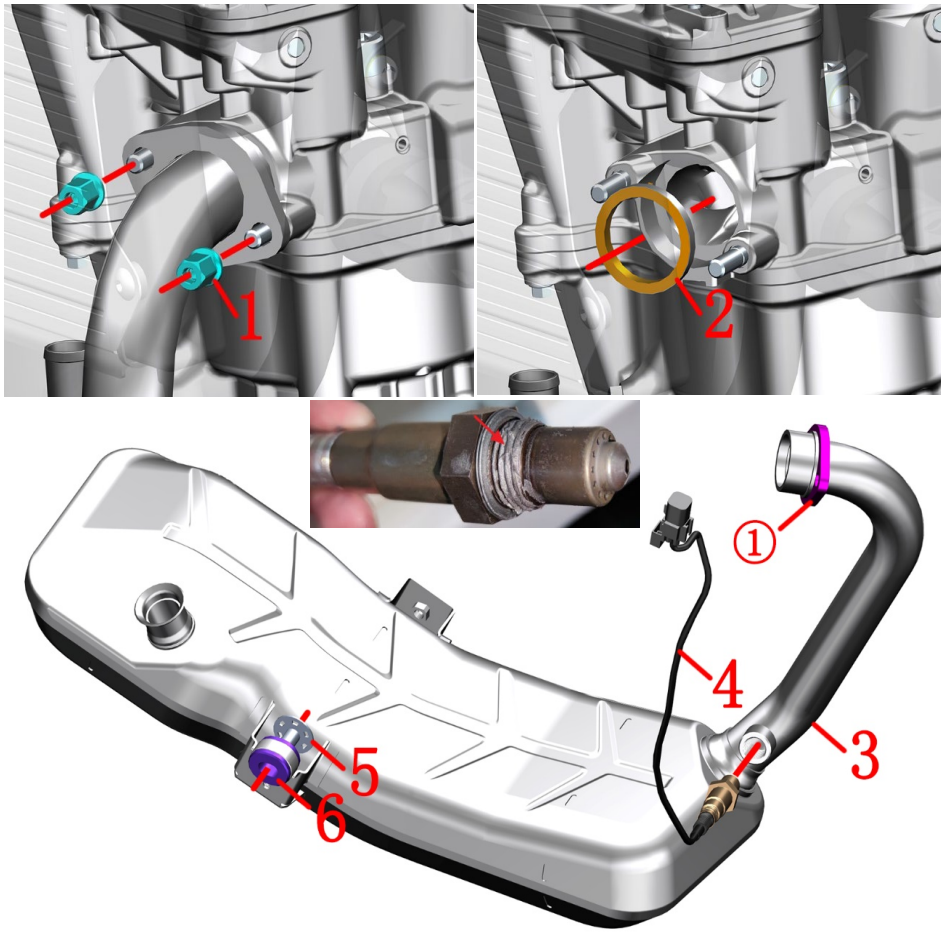
Using 6# inner hexagon socket remove bolt(5) at the left side of muffer,then take off the bushing(7).




CAUTION:

●The muffler should be completely cooled before it is disassembled.

●Prevent foreign matter from entering the interior of the muffler.




| Fig.3 MUFFLER COMPONENT | | Muffler component 3 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251300-058093 | Inner hexagonal nut M8 (color zinc) | 2 | |
| 2 | 1070100-499000 | ZT350-GK engine exhaust outlet seal | 1 | |
| 3 | 4084300-012000 | ZT350-GK-H2 front muffler (self-made/Europe Ⅴ /Bosch EFI version) | 1 | |
| 4 | 1050970-011000 | LSF oxygen sensor(L=635mm） | 1 | |
| 5 | 1020243-097000 | ZT350 muffer flanging bushing（φ8.3×φ11.5×20.5×φ 8.4×φ33×1.5） | 1 | |
| 6 | 1244300-022000 | ZT350-GK-H1 muffler suspension hollow cushioning rubber | 1 | |

PROCEDURE:

●Muffer front assembly

Pull the radiator assembly open to facilitate subsequent removal of muffler nuts,hold the buffer component then use 6# inner hexagon socket or 12# sleeve remover the nut(1).

Hold the bottom of the fender return pressure package with one hand, and grab the flange at the exhauster to remove it. Wrap the flange with a rubber band or rope to prevent the flange from moving back and forth on the front elbow and causing scratches.

Take off the exhaust seal pad(2) from the exhaust.

Take off the bushing(5) and the cushioning rubber(6).While reassembly pay attention to the cushioning (6),the side of hollow towards the inside.

●Oxygen sensor

Remove the oxygen sensor with an 22# open wrench.

Test method:

In case of poor engine performance, unstable idle speed, high fuel consumption and incorrect air-fuel ratio, check the oxygen sensor. The fault code can be read through the diagnostic instrument to confirm whether the oxygen sensor is faulty.

Locate the plug of the oxygen sensor near the top of the right body guard bar and pull it off. Use a multimeter to measure the resistance of the heating element of two white wires to 9 ± 2k Ω;or the measured current shall be ≤ 2.1A. Otherwise, it can be judged as oxygen sensor fault. The ceramics inside the oxygen sensor are hard and brittle. It is forbidden to knock with hard objects or blow with strong gas, otherwise it will be easy to cause damage.

Or remove the oxygen sensor and observe the color of the top part of the head, which is normally light gray. If it is white, it indicates that silicon poisoning has been damaged and needs to be replaced. If it is black, it indicates that there is carbon deposit, which can be cleaned and used again; If it is brown yellow, it is lead poisoning and needs to be replaced.

Assembly precautions:

The thread of the new sensor is coated with special paste thread anti sintering agent to prevent air leakage and facilitate subsequent disassembly. If there is no problem after removing the old one for inspection, an appropriate amount of anti sintering agent shall also be applied to the thread before installation.

Torque standard：44N.m.

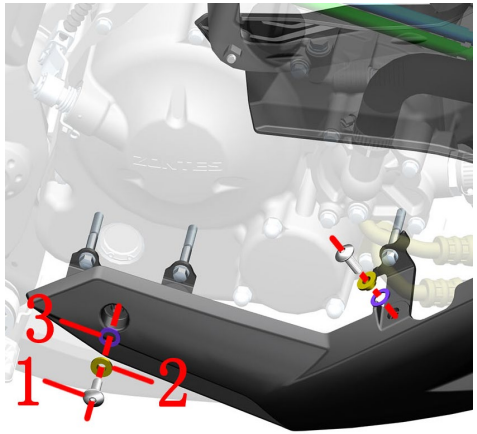
CAUTION:

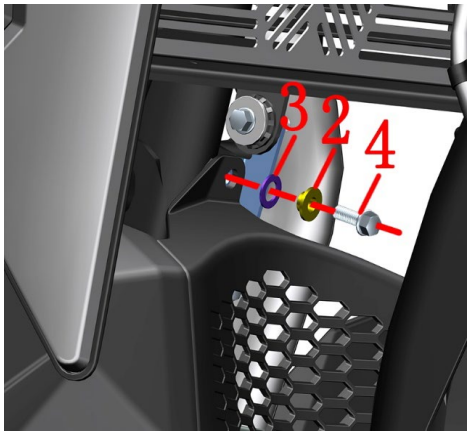
●The muffler should be completely cooled before it is disassembled.

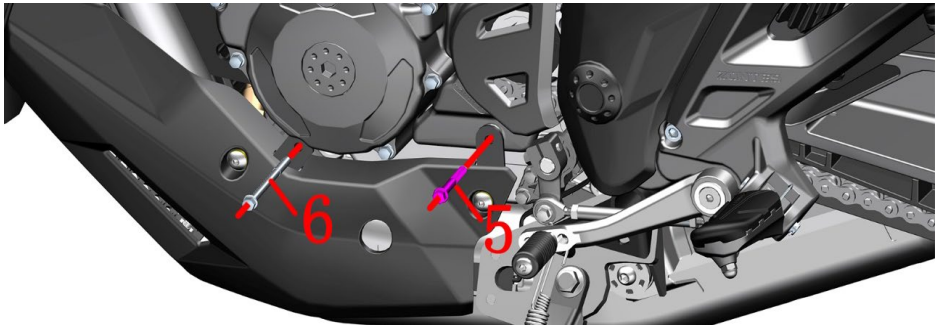
●Prevent foreign matter from entering the interior of the muffler.

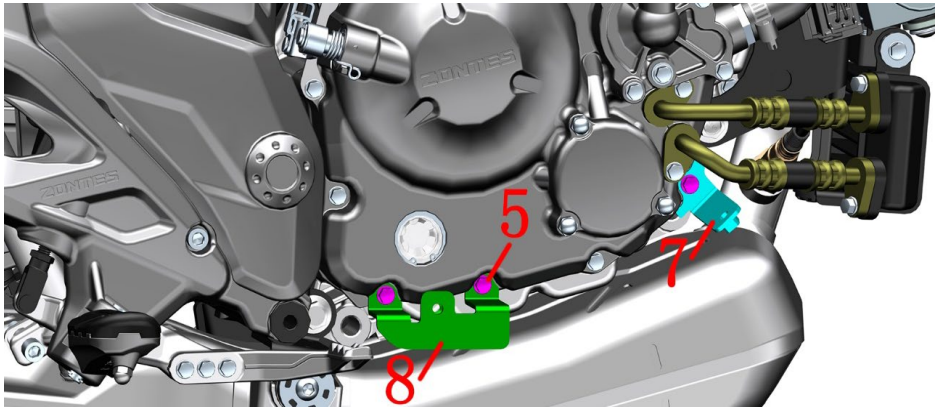
●The muffler nozzle needs to be protected. If there is any deformation, it may cause air leakage.

●It is recommended that new seals be replaced each time the muffler front assembly is removed to prevent airleakage.




| Fig.1 LOWER SHROUD COMPONENT | | Lower shroud component 1 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16 (304 stainless steel) | 3 | |
| 2 | 1274100-057095 | Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5 | 3 | |
| 3 | 1244100-052000 | Flange bushing buffer (φ8.5×φ14×1) | 3 | |
| 4 | 1251112-001093 | M6×16 Hexagon flange bolts (color zinc) | 1 | |
| 5 | 1251112-003093 | M6×45 Hex flange surface 9.8 bolts (color zinc) | 4 | 12±1.5N.m |
| 6 | 1251112-005093 | M6×75 Hexagonal flange bolt (color zinc) | 1 | 12±1.5N.m |
| 7 | 1274300-050000 | ZT350-GK lower shroud front right bracket | 1 | |
| 8 | 1274300-009000 | ZT350-GK lower shroud rear right bracket | 1 | |

PROCEDURE:

●Lower shroud assembly

Raise the platform of the motorcycle and remove the right hand side bolts(1) with 4# inner hexgon socket， then take off the bush(2) and the pad(3).

Remove the bolt(4) with 8#sleeve， then take off the bush(2) and the pad(3).

After supporting the lower shroud assembly then remove the bolt(5) and (6) on the left hand side with 8# sleeve.

Take off the lower shround assembly,then Reassemble the bolt (6) to the engine after removing the bracket to prevent oil leakage.

●The right bracket of the lower shroud

After holding the front right bracket(7) then remover the bolt(5) with 8# sleeve,take off the bracket(7) then reassembly the bolt(5) to the engine.

After holding the rear right bracket(8) then remover the bolts(5) with 8# sleeve,take off the bracke(8) then reassembly the bolts(5) to the engine.

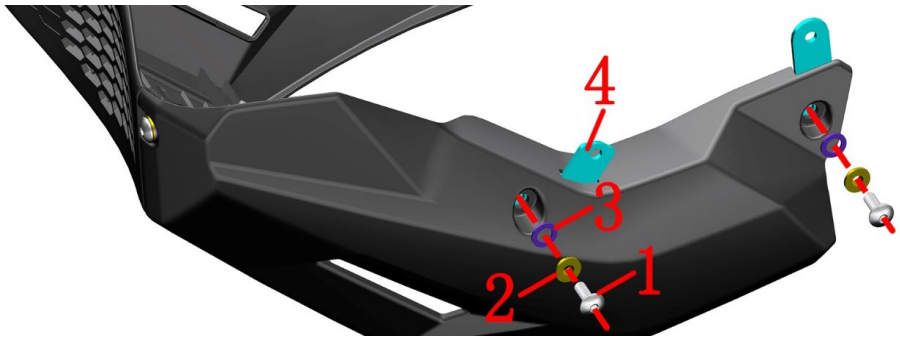
CAUTION:

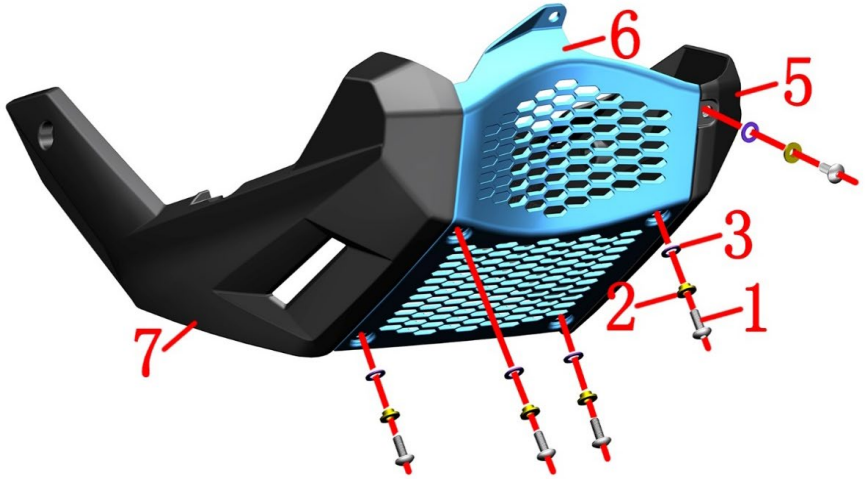
●The muffler should be completely cooled before it is disassembled.

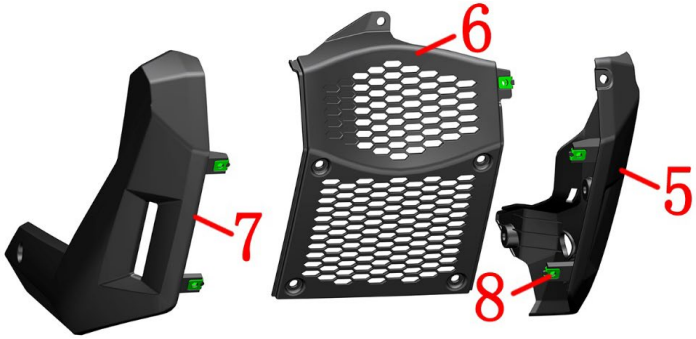
●The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.

●The shroud should be supported during disassembly to prevent fracture due to uneven force.

●The bolts(5) and (6) must meet the standard torque and must be coated with a thread tightening glue.




| Fig.2 LOWER SHROUD COMPONENT | | Lower shroud component 2 | CHK<br>ADJ | |
|---|---|---|---|---|
| NO. | PART NO. | PART NAME | QTY | CAUTION |
| 1 | 1251100-102000 | Non-standard bolt M6×16 (304 stainless steel) | 7 | |
| 2 | 1274100-057095 | Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5 | 7 | |
| 3 | 1244100-052000 | Flange bushing buffer (φ8.5×φ14×1) | 7 | |
| 4 | 1274300-049000 | ZT350-GK lower shroud left bracket | 1 | |
| 5 | 1224300-043000 | ZT350－GK lower shroud left part | 1 | |
| 6 | 1224300-045000 | ZT350－GK lower shroud middle part | 1 | |
| 7 | 1224300-044000 | ZT350－GK lower shroud right part | 1 | |
| 8 | 1251300-063093 | Plywood M6×11×15 (environmental color) | 5 | |

PROCEDURE:

●Lower shroud left bracket

After holding the left bracket(4)， then remove 2 pcs bolts(1),take off the bush(2) and pad(3).

Take off the bracket(4).

●Lower shroud left part

Using 4# inner hexagon socket remove 3 pcs bolts(1) on the left side,take off the bush(2) and pad(3).

Separate the lower shroud left part from the middle parts.

Take off 2 pcs plywood(8) from the lower shroud left part (5).

●Lower shroud right part

Using 4# inner hexagon socket remove 2 pcs bolts(1) on the left side,take off the bush(2) and pad(3).

Separate the lower shroud right part from the middle parts.

Take off 2 pcs plywood(8) from the lower shroud right part (7).

●Lower shroud middle part

Take off the plywood(8) from the middle part(6).

CAUTION:

●The shroud should be well protected during disassembly to prevent breakage or paint scratches caused by uneven force.