ZONTES

ZT350-T(EURO Ⅴ)

Service manual







2026/10/14

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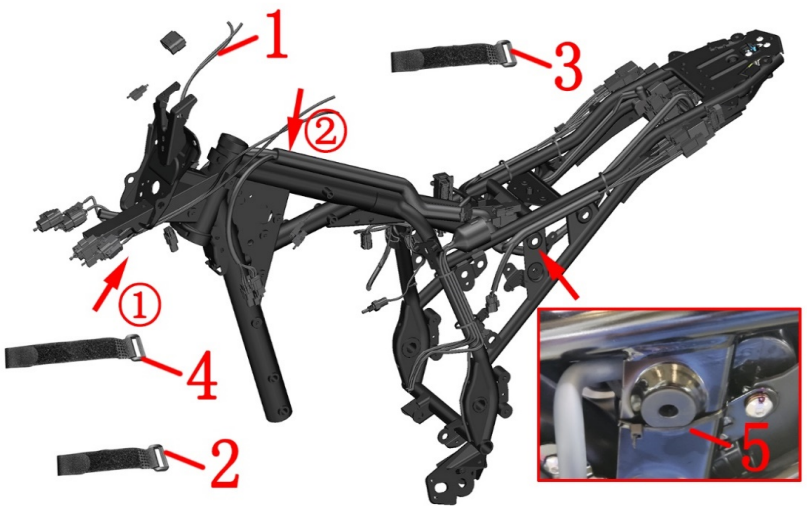
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All the information, illustrations and photographs collected in this manual are compiled according to the latest products. However, there may be some inconsistencies between your motorcycle and this manual due to the continuous improvement of the product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

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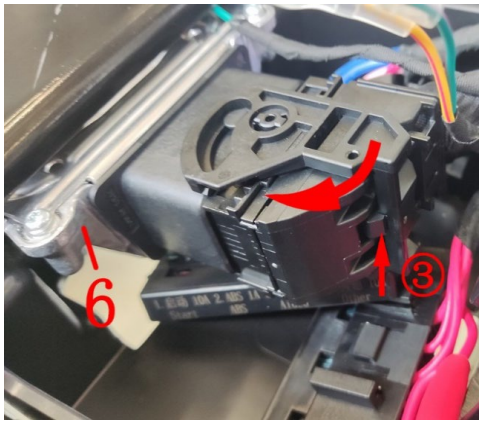


Fig.1 FRAME&ELECTRONIC COMPONENT		Electronic parts component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1184300-009000	ZT350-T wiring harness assembly-A	1	
2	1224300-093000	Reverse buckle Velcro strap (20×150mm)	2	
3	1224300-110000	Reverse buckle Velcro strap (20×200mm)	7	
4	1224300-111000	Reverse buckle Velcro strap (20×300mm)	3	
5	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	1	
6	1050958-014000	MSE6.0 controller - ZT184MP (matching split sensor / Euro V)	1	Bosch EFI

PROCEDURE:

●Main harness

Unplug all electrical components connected to the main harness. Different connector modes are different, and the operation is based on the actual situation. A slotted screwdriver, pliers, scissors and other tools may be needed to assist.

It is necessary to untie three ties (4) at the front ① and ②, two ties (2) at the front ①, cut the tie (5) at the left cover, and untie seven ties (3) at the left and right sides of the body.

●ECU

Find the ECU plug at the rear of the frame, press the anti release buckle at ③, rotate clockwise and pull out the plug. Tidy up the fuse box and harness and take out the ECU(6).

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.

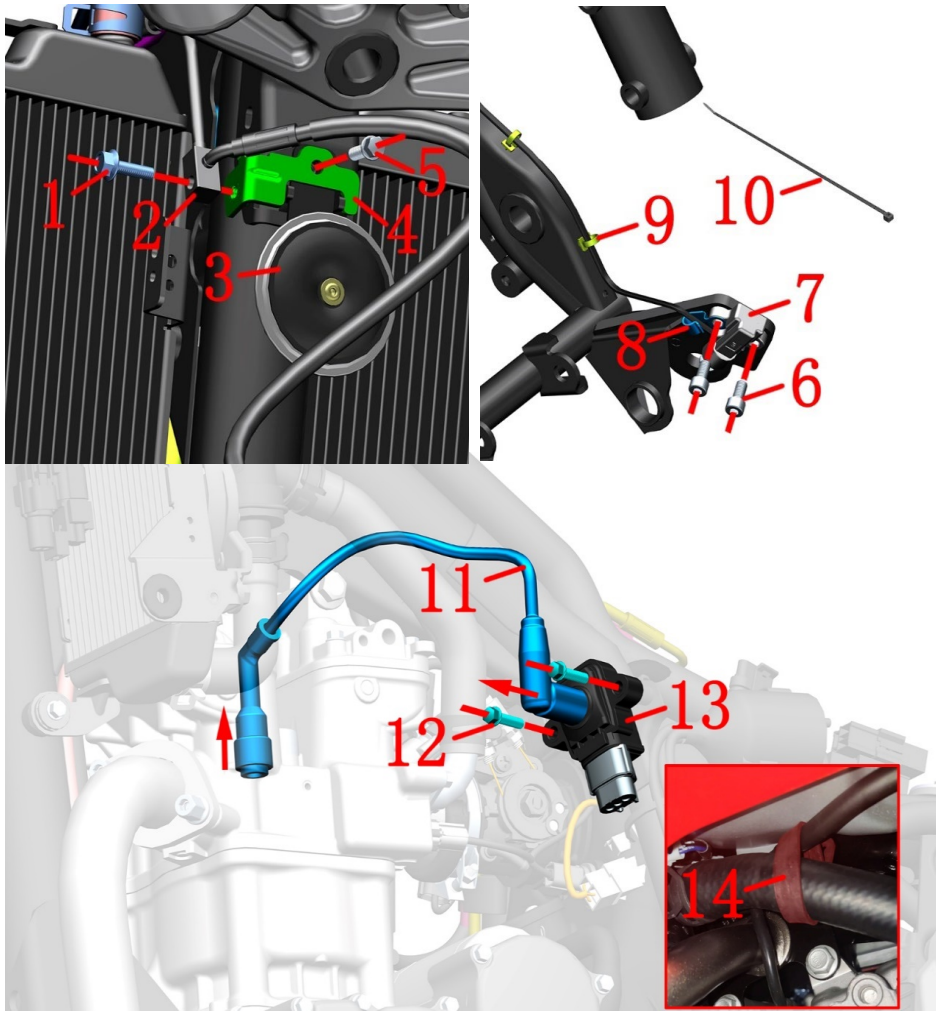


Fig.2 FRAME&ELECTRONIC COMPONENT		Electronic parts component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-138093	GB5789M6×20 (environmental color)	1	
2	1100100-820000	ZT350-R brake hose RC-HU section（A）	1	
3	1184200-004000	ZT310 horn	1	
	1184300-038000	ZT350-T speaker (19-inch dedicated)		
4	1274300-065000	ZT350-VX front oil outlet pipe bracket	1	
5	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	1	
6	1250205-040095	GB70.1 inner hex bolt M8×16(color Zinc)	2	
7	1184100-012000	ZT250-S shut down switch	1	
8	1274100-095000	ZT250-S Flameout switch wire fixing bracket	1	
9	1274100-017000	ZT250-S cable buckle	2	
10	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	1	
11	1050958-007000	ZT350 EFI high voltage line	1	
12	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
13	1050958-006000	ZT350 lgnition oil body	1	
14	1244200-139000	ZT310 rubber buckle (120mm)	1	

PROCEDURE:

●Horn

Unplug the horn plug, remove the bolt (1) with 10# sleeve, pull out the brake hose (2), remove the bolt (5) with 8# sleeve, and remove the horn (5) and oil outlet pipe support (4).

●Shut down switch

Find the plug of the flameout switch (7) and pull it off; (4) press the thread buckle inward in the direction of the arrow shown in the figure and pull it out with force; Cut the tie (5). Remove the bolt (8) with 6# hexagon socket, remove the bracket (6) and the flameout switch (7).

●Ignition coil

Find and pull out the plug of ignition coil (13), untie the wire buckle (14), pull out the EFI high-voltage wire in the direction indicated by the arrow in the figure, and remove the EFI high-voltage wire (11); Use 8# sleeve to remove two bolts (11) and remove ignition coil (13).

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.

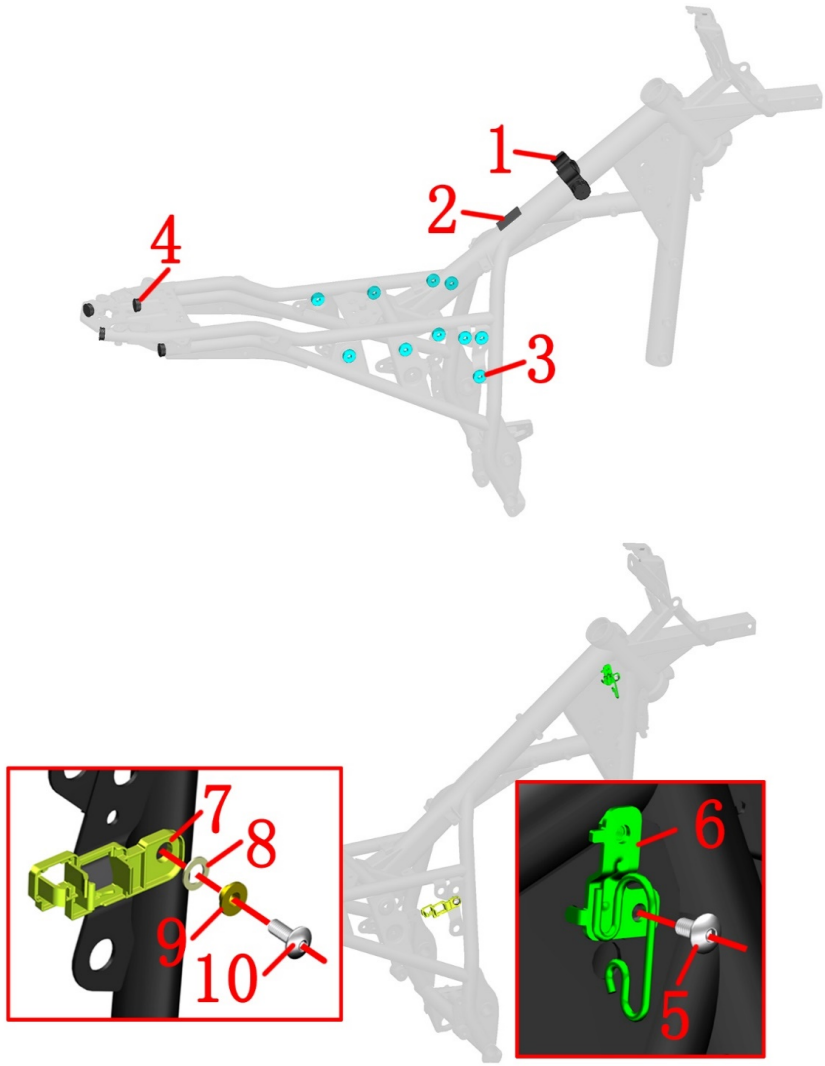


Fig.3 FRAME&ELECTRONIC COMPONENT		Frame plastic parts	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-019000	ZT250-S fuel tank spacing glue	1	
2	1240300-007000	HJ125-6 Battery rubber gasket	1	
3	1244100-002000	ZT250-S Side cover round rubber	10	
4	1244100-061000	ZT250 anti-water rubber of frame	4	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
6	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
7	1224300-086000	ZT350-R right wire harness holder	1	
8	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	1	
9	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	1	
10	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	1	

PROCEDURE:

●Fuel tank liner limit glue

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

●Battery cushion

Directly remove 10 pieces of side cover glue (3) on both sides by hand.

●Side cover cushion

After heating with a hot-air gun, tear off the battery rubber pad (2) directly by hand and clean up the residual glue.

●Frame waterproof rubber plug

Remove the four waterproof rubber plugs (4) of the frame directly by hand.

●Buckle

Remove one bolt (5) with 4# socket head and remove the bracket (6).

Remove the bolt (10) with 4# hexagon socket, remove the bushing (9) and buffer rubber (8), and then remove the fixed seat (7).

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.

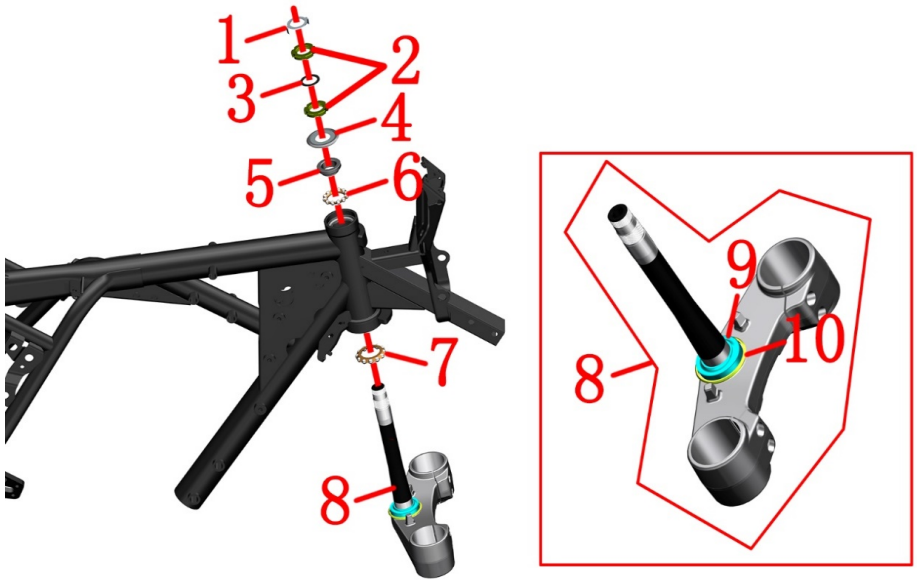


Fig.4 FRAME&ELECTRONIC COMPONENT		Directional column component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1134100-007000	ZT250－S Rating nut lock washer	1	
2	1251300-046093	ZT250－S Steering column rating nut (color zinc)	2	
3	1244100-015000	ZT250－S Rating nut glue cushion	1	
4	1244300-014000	ZT350－R 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	
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.

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.

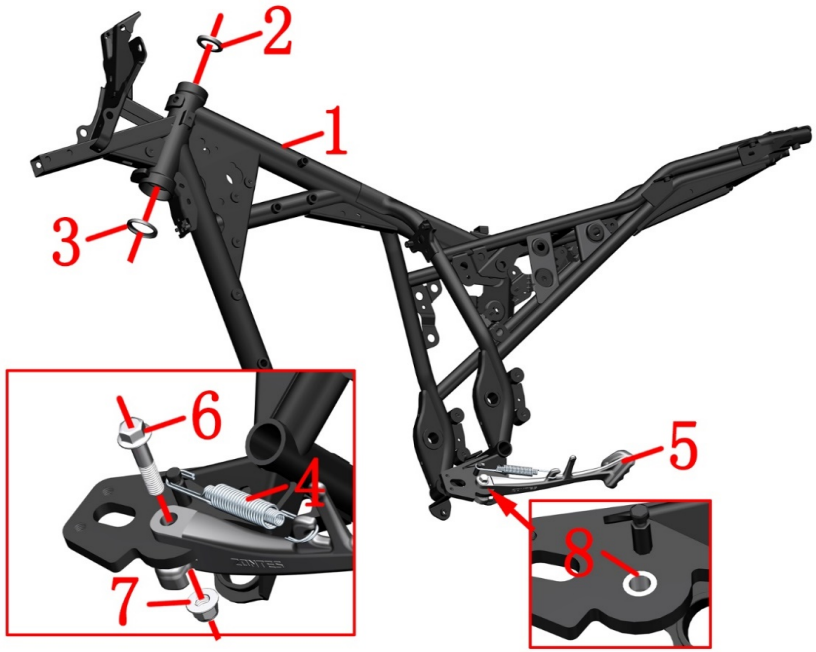


Fig.5 FRAME&ELECTRONIC COMPONENT		Frame, Side support	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4014300-013000	ZT350-T frame aftermarket assembly (including seat ring/310M nameplate)	1	
2	1130900-026000	ZT250－S upper steel bowl	1	After-sales
3	1134300-001000	ZT350-R lower seat ring	1	After-sales
4	1264100-001000	ZT250－S side stand spring	1	
5	1271200-165000	ZT310－T side bracket (short / dark gray)	1	
6	1251100-088094	Non-standard bolt M10×1.5×43(dacromet)	1	
7	1251300-057093	Non-standard nut M10×1.5(dacromet)	1	45±5N.m
8	1251700-025091	ZT250－S side stand sleeve	1	

PROCEDURE：

●Checking the steel bowl

Checking whether the steel bowl (2)and(3) is frayed, if as it, please replace it. Fix the cushion loop well and paint the lubricating grease on it with appropriate tool.

●Sider support

Using the cross screwdriver to remove the side support spring(4), using 14#sleeve or plum blossom wrench remove the nut (7) and then remove bolt (6) . Remove the side support (5) and bush(8), paint the lubricating grease on the bush(8) when re-assembling ,then put it into the frame(1).

CAUTION:

●Remove the steering handle assembly and the steering column assembly first.

●All parts shall be correctly assembled in place. Pay attention to safety when disassembling and assembling the side support spring. The seat ring needs to be coated with grease to reduce the rotation resistance of the front fork.

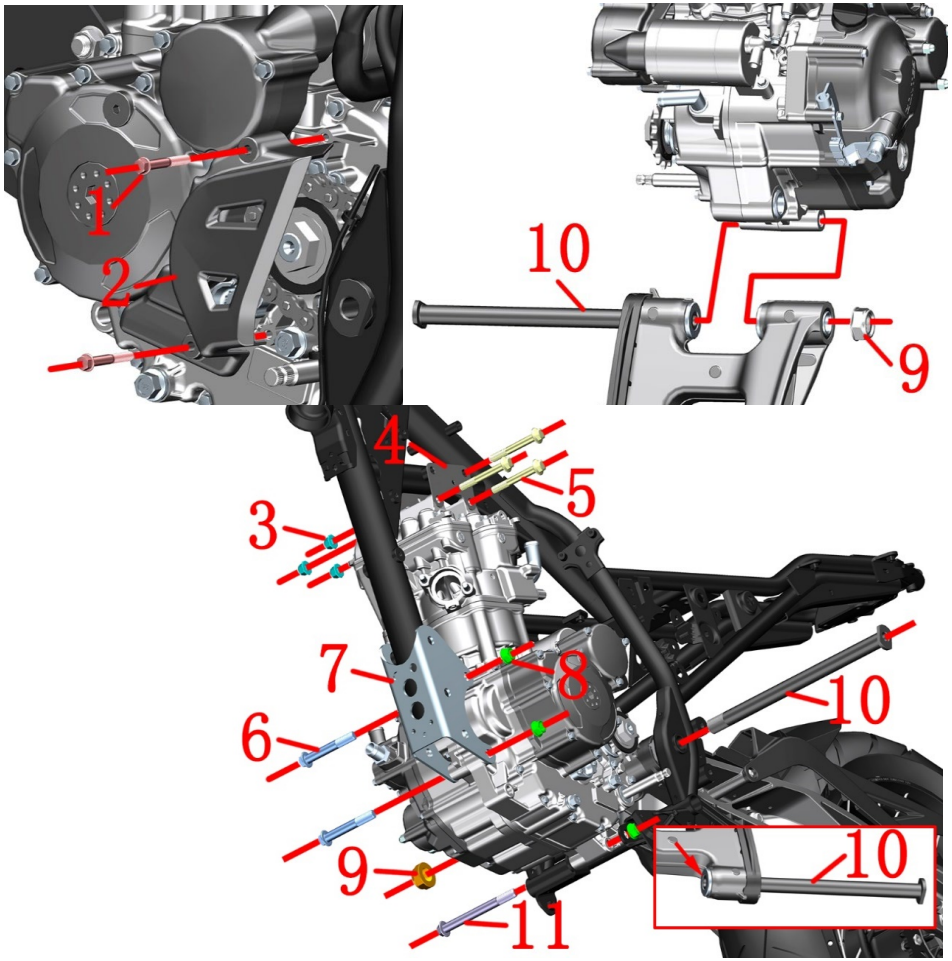


Fig.1 FRAME & ENGINE COMPONENT		Engine combination	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-003093	M6×45 Hex flange surface 9.8 bolt (color Zinc)	2	10N.m
2	4050854-002051	ZT310-R engine left rear cover (dark gray)	1	
3	1251300-057093	Non-standard nut M10×1.5(Dacromet)	3	65±5N.m
4	1274300-082000	ZT350-R engine hanger	2	
5	1251100-060000	Non-standard bolts M10X1.5X90 (Dacromet)	3	
6	1251112-019000	GB5187 non-standard bolt M12×1.25×85(10.9 garde/dacromet)	2	
7	4024300-003021	ZT350-R bracket	1	
8	1250305-009091	GB6187.1 M12×1.25(White Zinc)	3	
9	1251300-067000	ZT250-R rear wheel hollow shaft nut	1	
10	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
11	1251100-262000	Non-standard bolt M12×1.25×127(Dacromet)	1	

PROCEDURE：

●Engine left rear cover

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

●Remove the engine

Remove the guard bar assembly according to the steps of "guard bar assembly". Fix the head of bolt(5) at the connection between the upper part of the engine and the frame with 14# sleeve, remove three nuts (3) and bolts (5) with 14# sleeve, and remove the hanger (4). Fix the head of the bolt (6) at the bracket with a 14# sleeve, and then remove the two nuts(8) with 17# sleeve. Pull out two bolts (6) and remove the bracket(7). Fix the bolt(11) at the lower hanging part of the engine with 14# sleeve, and then remove the nut(8) with sleeve without pulling out the bolt (11).

Fix the head of the rear flat fork shaft (10) with 24# open-ended wrench and remove the nut (9) with 30# sleeve.

One person lifts the engine slightly, and the other person pulls out the rear flat fork shaft to the left shaft sleeve of the rear flat fork, as shown in the left figure. Two people hold the left and right boxes of the engine at the same time. One person pulls out the bolt (11) hanging under the engine and holds the engine out to the right side of the vehicle. Pay attention to safety during movement. Place the engine on a level surface.

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.

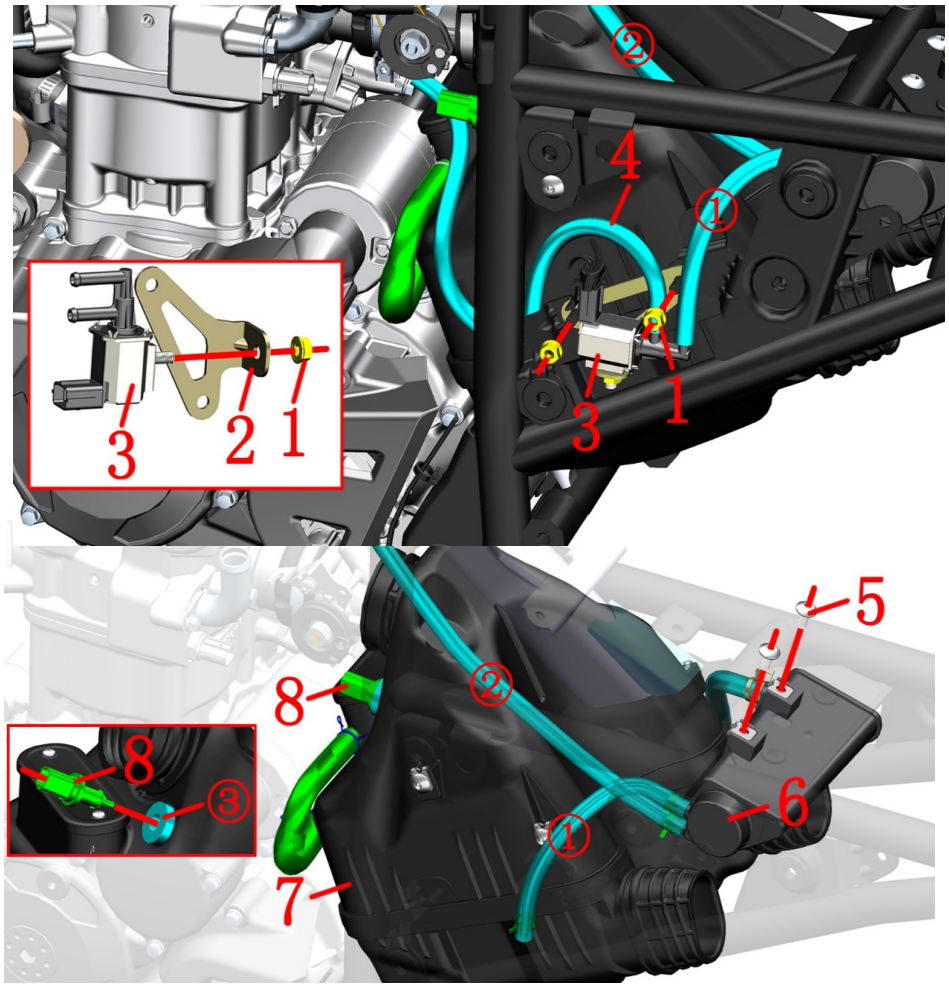


Fig.1 INDUCTION SYSTEM COMPONENT		Maintain the filter element of the air filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6（color zinc）	3	
2	1274300-038000	ZT350－R electromagnetic valve bracket	1	
3	1050954-009000	YH Carbon tank electromagnetic valve	1	
4	1244200-117000	ZT44 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.

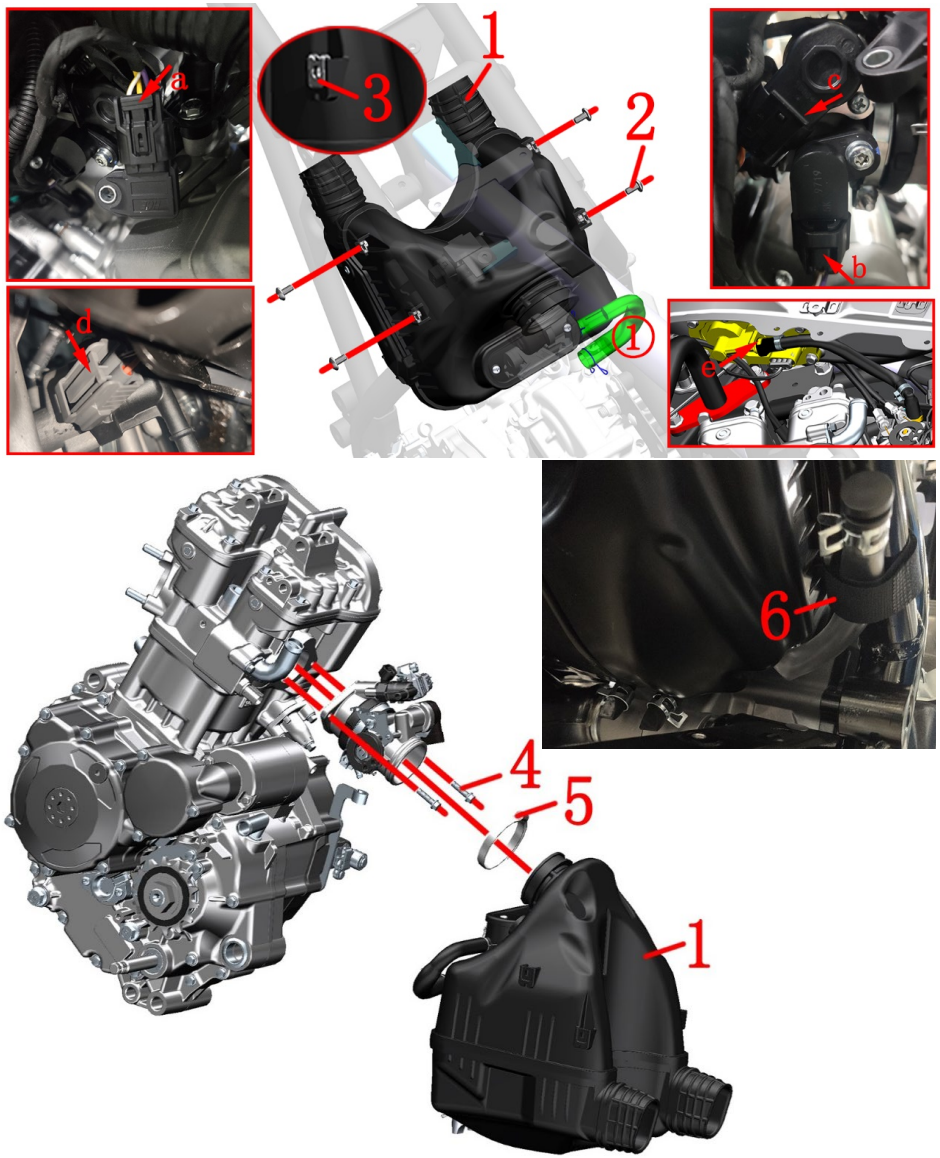


Fig.2 INDUCTION SYSTEM COMPONENT		The air filter assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-002000	ZT350－T Air filter	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
3	1251300-063093	Plywood M6×11×15（Environmental protection）	4	
4	1251100-061093	M6×22 Hexagon flange bolt（color zinc）	2	
5	1051371-002000	Φ59×9 pipe clamp assembly	1	
6	1224300-110000	Reverse buckle Velcro strap (20×200mm)	1	

PROCEDURE:

Press the clip pointed by arrow A, B and D, pull out the connectors of external intake pressure sensor and fuel injector, pull out the clip pointed by arrow C, and pull out the connector of stepping motor. Press the snap pointed by the e arrow and pull out the interface. In the same way at the other end, remove the high-pressure oil pipe. Untie the reverse buckle tie (6).

●Air filter

Loosen the pipe clamp assembly (5) near the end of the air filter, clamp the clamp on the waste gas pipe with pliers and pull out the waste gas pipe ① connecting the exhaust port of the engine, then wrap it with plastic bag and cover it with rubber band to prevent foreign matters from entering and damaging the engine.

Remove bolt (2) with 4# socket head; Remove the air filter (1) and clamp plate nut (3).

●Throttle valve body assembly

Unplug the connector of throttle valve body assembly, remove the throttle cable, and then use 8# ring wrench to remove 2 bolts (4) to remove the throttle valve body 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.

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.

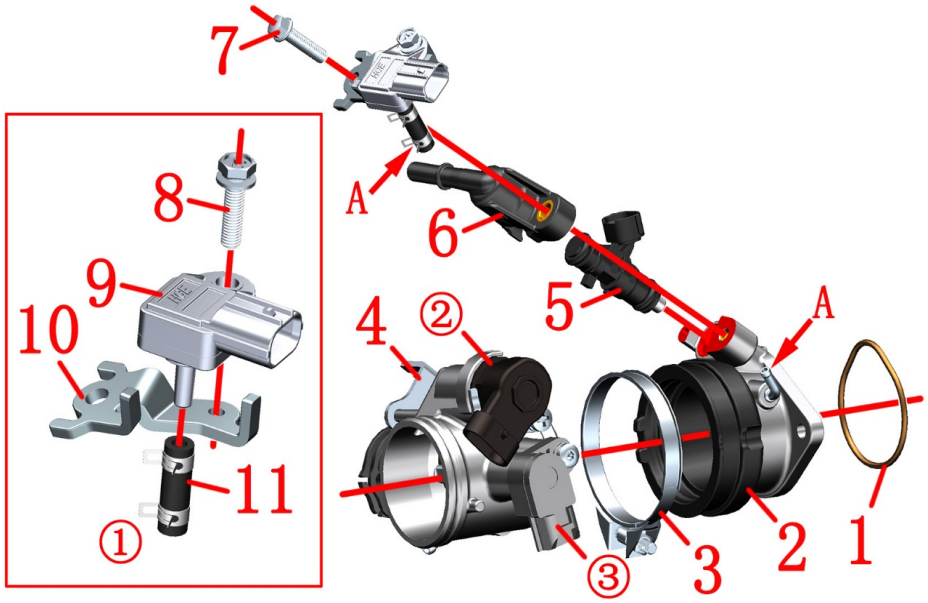


Fig.3 INDUCTION SYSTEM COMPONENT		Throttle valve body component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1051454-016000	45×2.5 Fluorine rubber O-ring	1	
2	1050958-003000	ZT184 MP Intake pipe assembly	1	
3	1051371-002000	Φ59×9 pipe clamp assembly	1	
4	1050958-001000	ZT44 Throttle body part component (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 10# 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 temperature sensor is damaged

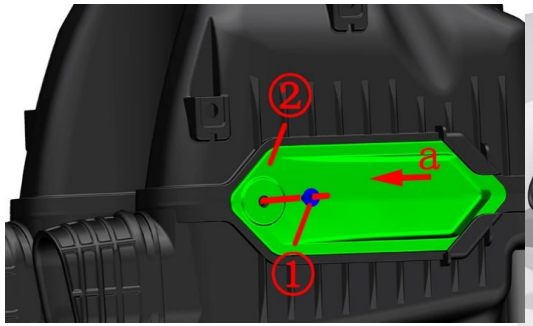
Remove the temperature sensor from the air filter and place it in the ambient temperature (20 ~ 30 ℃), and use a multimeter to check whether the resistance of the two pins is between 2726 ~ 1770 Ω.

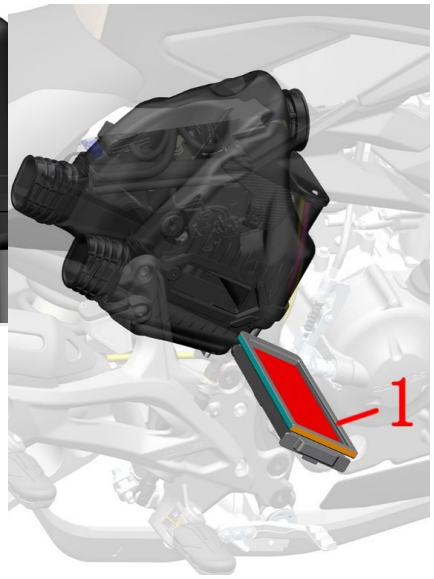
●Check whether the stepping motor② is damaged

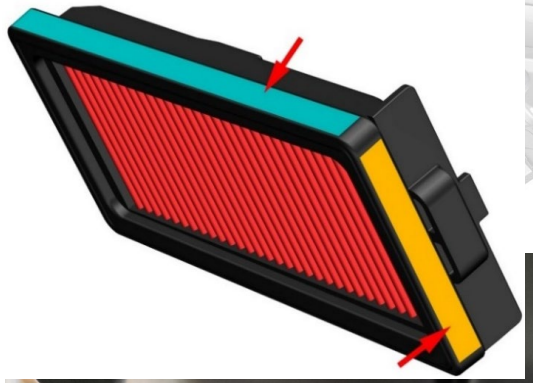
After turning off the power, take out the stepping motor, do not loosen the cable plug, press the flameout switch at startup without ignition, check whether the motor plug can shrink back and forth, and finally turn off the flameout switch to check whether the plug returns to its original position.

●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.







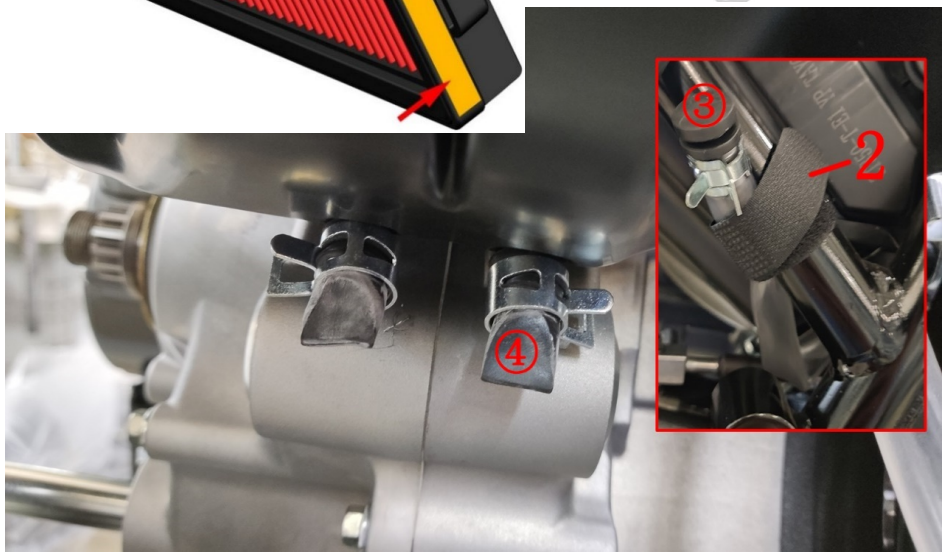


Fig.4 INDUCTION SYSTEM COMPONENT		Replace air filter element	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4134300-003000	ZT350－Tair filter core (with carton packaging)	1	
2	1224300-110000	Reverse buckle Velcro strap (20×200mm)	1	

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:

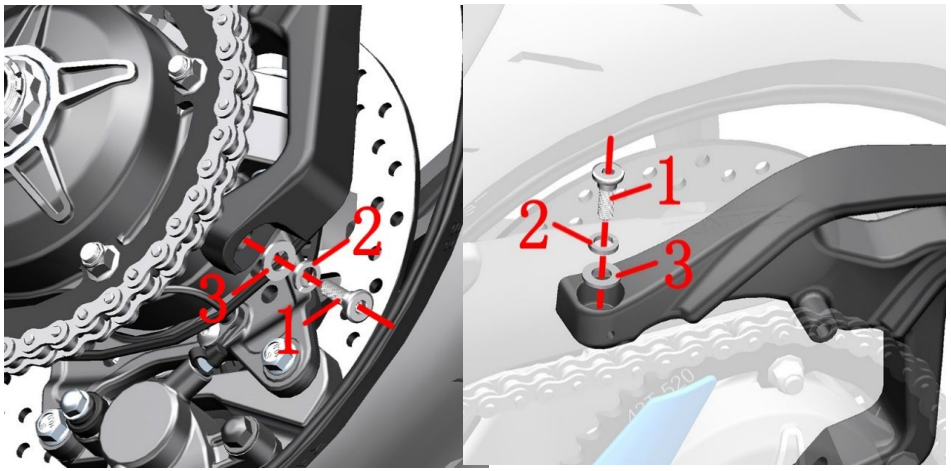
●First remove the side cover and remove the cable.

●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.



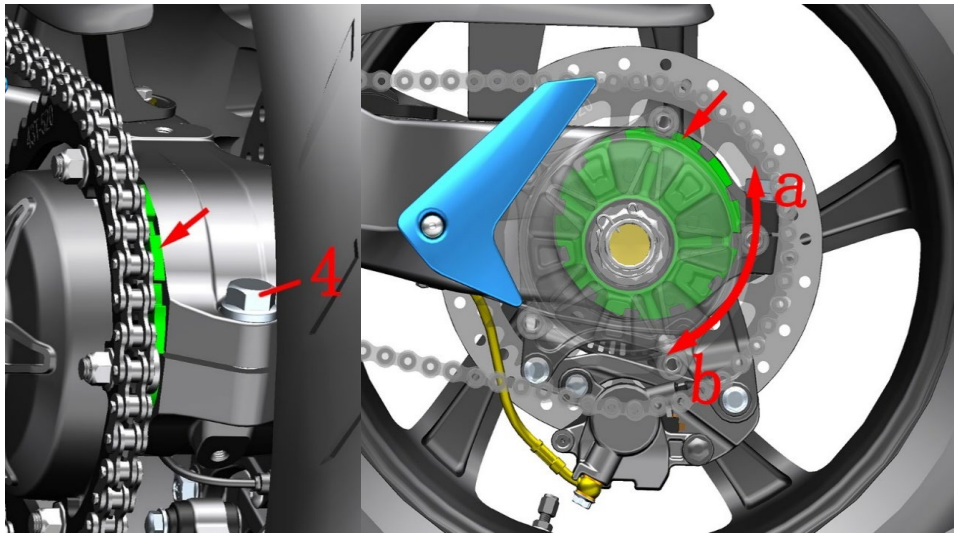


Fig.1 Rear wheel, swinging arm assembly		Adjustment chain	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non standard hex socket bolt M8×25	2	
2	1250501-004091	GB93φ10（white zinc）	2	
3	1250503-006091	GB97.1φ10（white zinc）	2	
4	1251100-204000	Non-standard Bolt M16×1.5×50（color zinc）	1	100N.m

PROCEDURE：

●Rear auxiliary mud plate assembly

Remove the bolt (1) at the bottom of the rear auxiliary mud plate assembly with 6# socket head, and remove the spring washer (2) and flat washer (3).

After holding the rear sub-mud assembly in one hand, remove the upper bolt (1) and remove the spring pad (2) and flat pad (3). Place the rear sub-mud assembly properly, taking care not to pull the cable.

●Sprocket assembly

Use a #21 sleeve to loosen the bolt (4).

Use a special hook wrench to turn the eccentric chain adjuster at the arrow indication. The counterclockwise direction is to tighten the chain, and the clockwise b direction is loose.

The chain sag is 18~25mm. If it is too large, it will cause the chain to be accidental or damage the engine. If it is too small, it will aggravate the wear of the chain and sprocket.

After adjusting the chain, restore it and pay attention to the torque of the bolt (4).

CAUTION:

●The upper bolt can only be removed after holding the rear mud plate assembly; Do not pull the cable

●The torque of the bolt (4) is 100N.m.

●The chain must be checked regularly for excessive wear; the chain should be cleaned and properly lubricated regularly.

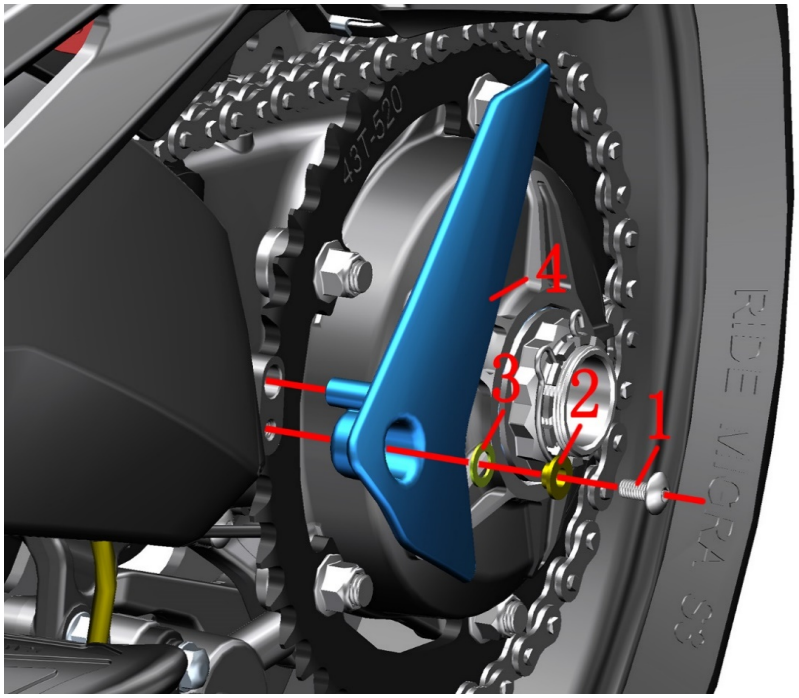


Fig.2 Rear wheel, swinging arm assembly		Sprocket baffle	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard Bolt M6×12（304 stainless steel）	1	
2	1274100-057095	Bush φ6.2×φ8.4×3.5＋φ14×1.5	1	
3	1244100-052000	Gum cushion, bush（φ8.5×φ14×1）	1	
4		ZT310-R1 sprocket baffle	1	

PROCEDURE：

●Sprocket baffle

Remove the bolt (1) with 4# hexagon socket, remove the flanging bushing (2) and buffer rubber (3); Finally, remove the sprocket baffle (4).

CAUTION:

●When reassembling, pay attention to the limit boss on the sprocket baffle to be inserted into the limit hole of the rear fork.

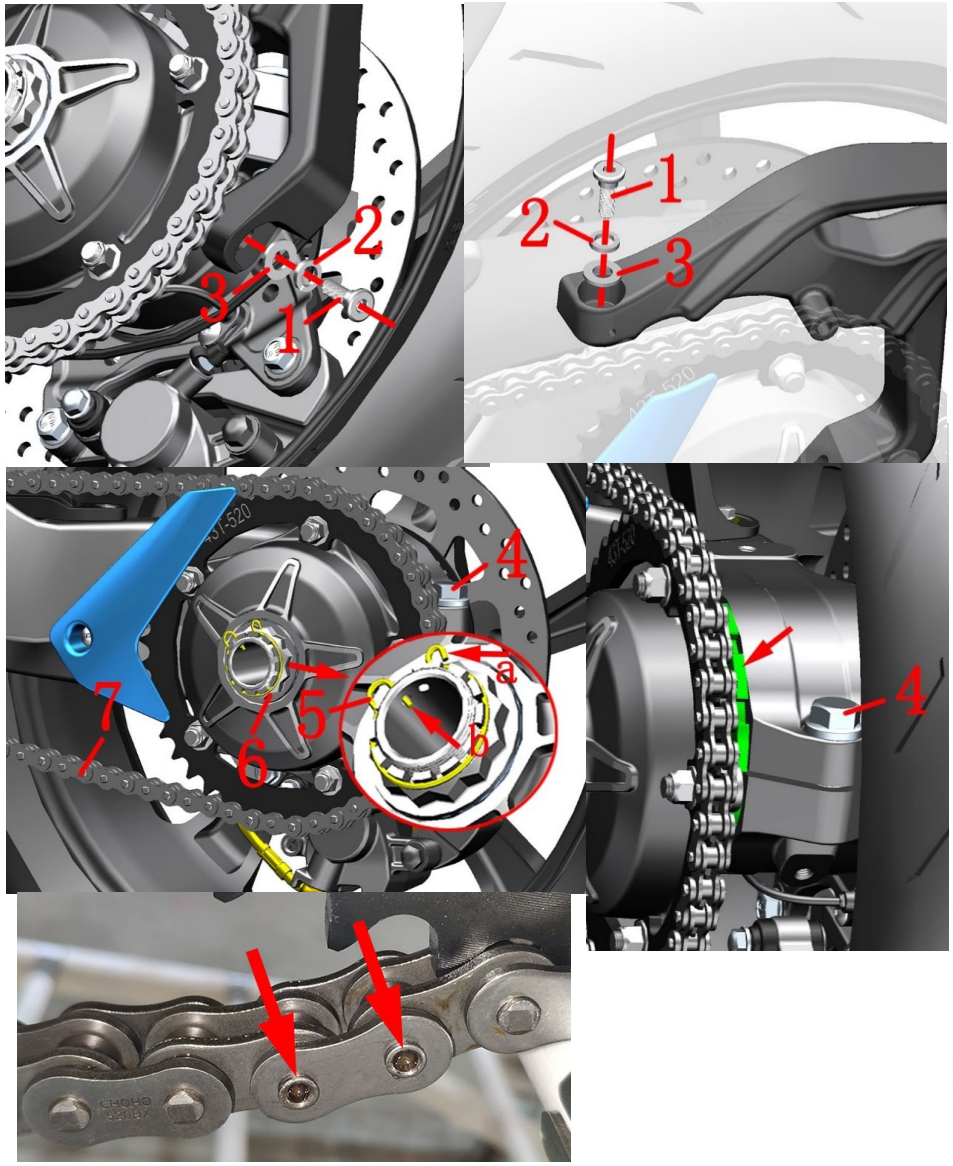


Fig.3 Rear wheel, swinging arm assembly		Sprocket assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non standard hex socket bolt M8×25	2	
2	1250501-004091	GB93φ10（white zinc）	2	
3	1250503-006091	GB97.1φ10（white zinc）	2	
4	1251100-204000	Non standard bolt M16×1.5×50(color zinc)	1	100N.m
5	1094100-062000	M35 nut locking spring	1	
6	1251300-070000	Non standard nut M35×1.5(environmental color zinc)	1	200N.m
7	1080200-055000	ZT250－R 114 chain（CHOHO520HX/Open type）	1	

PROCEDURE：

●Rear auxiliary mud plate assembly

Remove the bolt (1) at the bottom of the rear auxiliary mud plate assembly with 6# socket head, and remove the spring washer (2) and flat washer (3).

After holding the rear auxiliary mud plate assembly with one hand, remove the upper bolt (1) and remove the elastic pad (2) and flat pad (3). Place the rear sub-mud assembly properly, taking care not to pull the cable.

●Sprocket assembly

Loosen the bolt (4) with 21# sleeve without removing it.

Pull the locking spring (5)a radially out of the groove on the nut(6)and pull it out in the axial direction; remove the locking spring(5) in the direction indicated by the arrow b.

One person stepped on the brake pedal to prevent the rear wheel from rotating. One person removed the nut(6) with a 42mm 12-angle sleeve + 280N.m torque wrench.

Use a special hook wrench to turn the eccentric chain adjuster at the arrow direction clockwise to remove the chain from the sprocket.

Remove the sprocket assembly.

●Chain

Rotate the chain on the left to find the clasp. Grind off the angle grinder to remove the chain(7).

CAUTION:

●The upper bolt sits only after the rear mud plate assembly needs to be dragged down; you can't pull the cable.



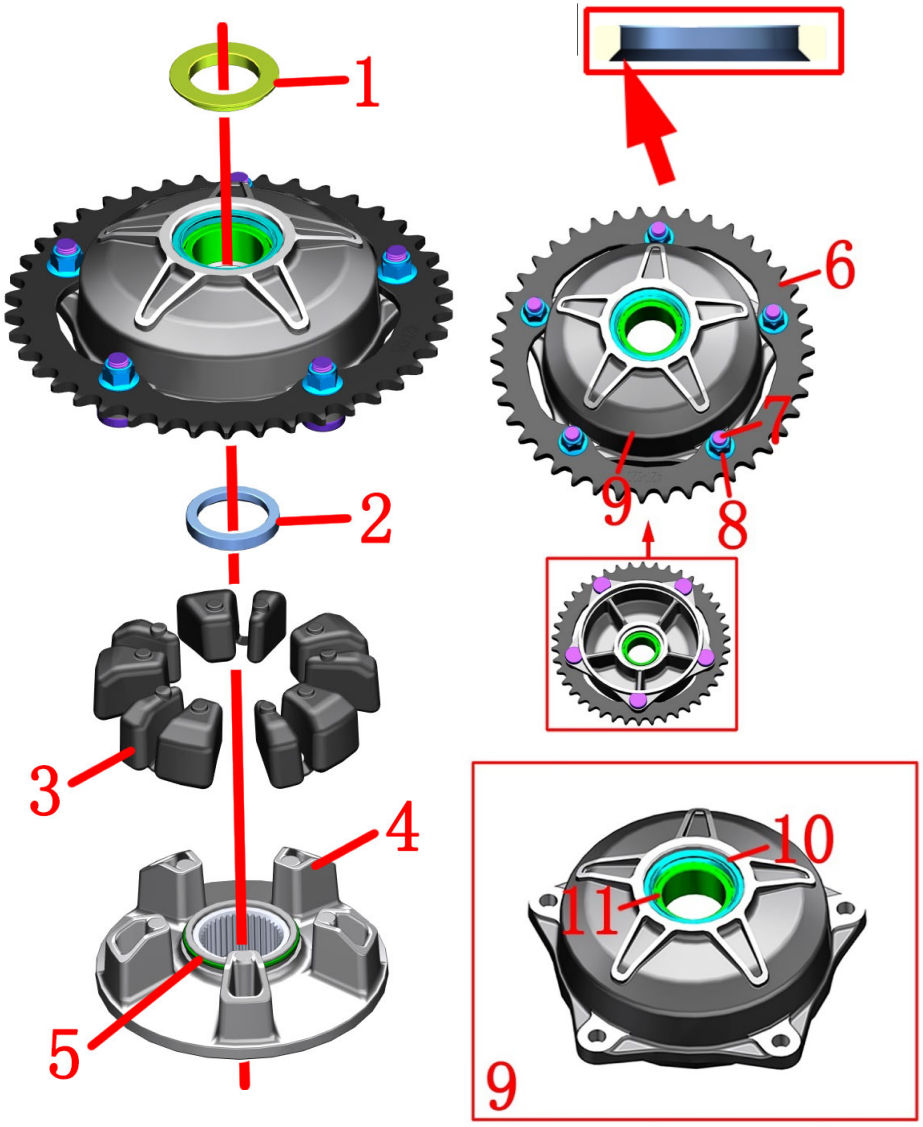


Fig.4 Rear wheel, swinging arm component		Sprocket assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274100-108000	Bushing Φ45×Φ35×5.5+Φ54×Φ35×2	1	
2	1274100-105000	Bushing Φ46×Φ35×7.3	1	
3	1244100-087000	ZT310-R1 single rear fork sprocket buffer rubber	5	
4	1094200-013000	ZT310 single rear fork sprocket seat inner shell	1	
5	1244200-088000	O-ring (Φ52.4×2.6)	1	
6	1080100-112000	ZT250－T1 520－43T sprocket	1	
7	1251100-190000	Non standard bolt M10×1.5×30（color zinc）	5	
8	1251300-057093	Non standard nut M10×1.5（DACROMET）	5	
9	4024200-086051	ZT310 dark gray single rear fork sprocket seat shell assembly (including bearing / oil seal)	1	
10	1244200-045000	ZT310 single rear fork arm Φ45×Φ55×5 oil seal	1	After-sale
11	1250601-095000	DA355520-2RS angular contact bearing	1	

PROCEDURE:

●Sprocket assembly

Remove the bushing(1) to separate the inside and outside of the sprocket seat.

Remove the bushing(2). When reassembling, pay attention to the bushing(2). The larger chamfered end faces the inner shell of the sprocket seat.

Remove 5 pieces of sprocket cushion rubber (3) from the outer casing assembly(9).

Remove the O-ring(5) from the inner casing (4).

The outer casing assembly(9)already contains an oil seal(10)and a bearing(11)which are attached to the outer casing for interference, and it is not recommended to disassemble the assembly if necessary.

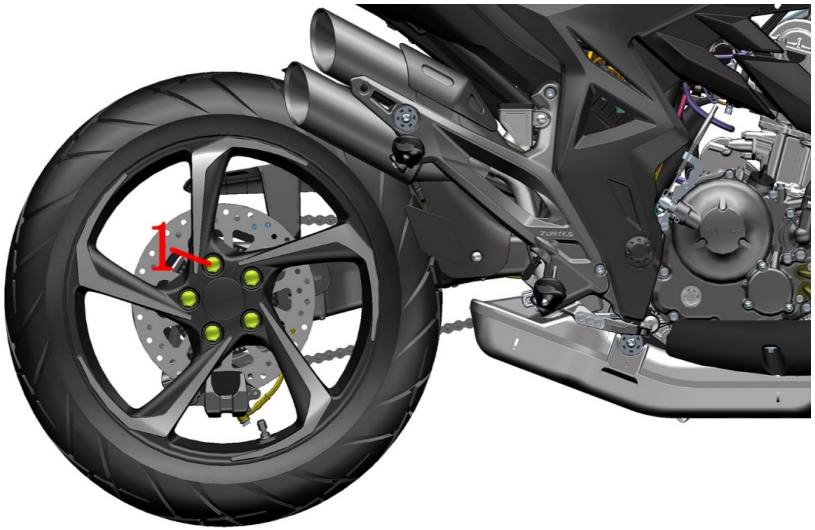
●Sprocket

Remove 5 nuts (8) and 5 bolts (7) with 14# sleeves respectively, and remove the sprocket (6). During reassembly, pay attention that the lettered side of the sprocket faces outward.

CAUTION:

●The notch position of the bolt (7) is facing inward.

●The sprocket seat housing assembly(9) already contains an oil seal and bearings. The distance from the upper end surface of the bearing to the upper end surface of the outer casing is 7.9 to 8.0 mm.





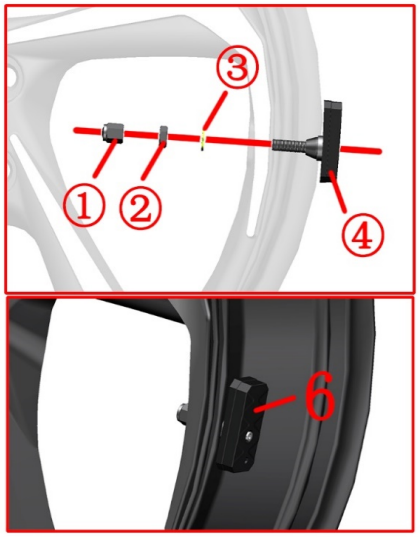


Fig.5 Rear wheel, swinging arm component		Rear wheel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-071000	Non standard nut M12×1.5（chromed）	5	110N.m
2	1230100-567000	160/60ZR17 CM－A1S 69W TL E4	1	
3	1094300-008000	ZT350-GK1 single rocker arm rear aluminum wheel (MT4.5×17/black)	1	
4	1260100-238000	ZT310-R1 rear wheel rim sign spring	1	
5	1210142-000100	ZT310-R1 single rocker black rim sign	1	
6	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	1	

PROCEDURE：

●Rear wheel assembly

Remove the 5 nuts (1)with a 200N torque wrench and a 19# sleeve.

Support the vehicle horizontally and let the rear wheels leave the ground.

Remove the rear wheel assembly.

Extend the tool from the left to remove the rim sign (5) from the rim and remove the plaque spring (4) from the placard(5).

●Tire and rim assembly

Unscrew the nut ① to release the air, unscrew the nut ②, and take out the flat gasket ③. Then use a professional tire puller to remove the rear tire(2). Finally, take out the sensor ④.

●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.

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

CAUTION:

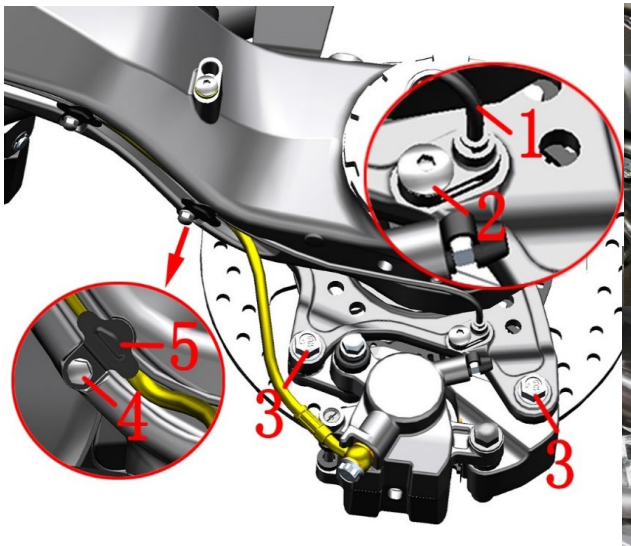
●Be careful while disassembling the tire and rim in case of damages on the components.

●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 .





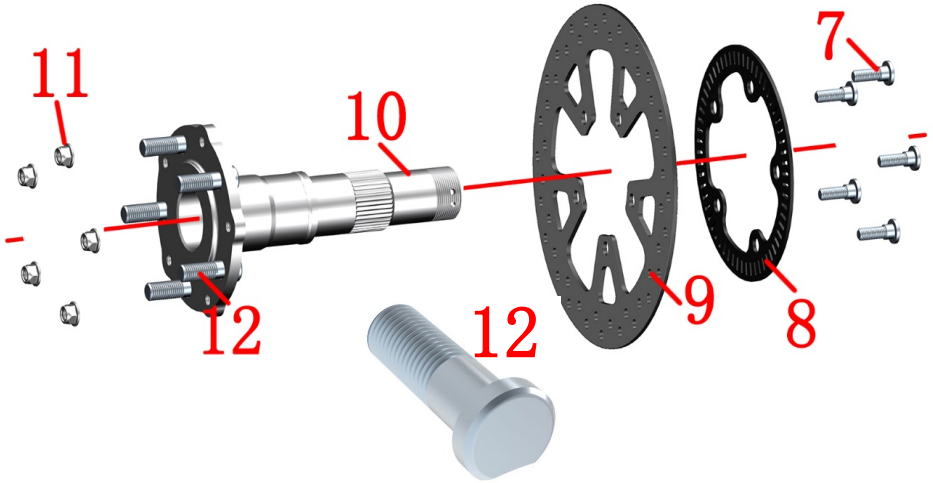


Fig.6 Rear wheel, swinging arm component		Rear axle assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1181200-118000	Wheel speed sensor(A)	1	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	1	
3	1251100-123093	Non-standard bolt M8×25 (color Zinc)	2	
4	1250104-006097	GB16674M6×12 (chromed/HH)	4	
5	1274200-119000	Single rocker rear flat fork tubing bracket	4	
6	1224300-110000	Reverse buckle Velcro strap (20×200mm)	1	
7	1251100-117093	Non-standard inner hex bolt M8×25 (color Zinc)	5	
8	1274200-058000	ABS induction ring (60 teeth)	1	
9	1100100-784000	ZT350-GK rear brake disc (265×4.5)	1	
10	4024200-048000	ZT310 single rocker rear axle assembly (with bolt)	1	
11	1250305-002091	GB6187.1 M8(White Zinc)	5	
12	1251100-191000	Non-standard bolt M12×1.5×38 (environmental color)	5	After-sale

PROCEDURE：

●Rear axle outer assembly

If you only need to remove the rear axle assembly, only need 14# sleeve to remove 2 bolts (3), remove the caliper from the mounting plate and remove the rear axle assembly.

If the rear flat fork needs to be replaced, continue the following steps:

Remove the bolt (2) with 4# hexagon socket and remove the wheel speed sensor (1) from the rear disc brake caliper mounting plate.

Use 8# socket or ring wrench to remove 4 bolts (4) and remove the oil pipe support (5).

Untie the tie band (6) on the right side of the frame, remove it from the harness fixing seat, press the buckle, pull off the wheel speed sensor connector ① and remove the wheel speed sensor (1).

●Rear axle assembly

Fix the head of the bolt (7) with 6# hexagon socket and remove the nut (11) with 13# sleeve.

Remove the induction gear ring (8) and the disc brake disc (9) from the rear axle assembly (10).

The rear axle assembly (10) includes the rear axle and five bolts (12). The bolts (12) are interference fit with the rear axle of the single rocker arm. If the bolts are disassembled and replaced separately, the connection must be firm and reliable, otherwise it may loosen and cause accidents.

CAUTION:

●The replacement of the bolts(10) separately must be secure and reliable.

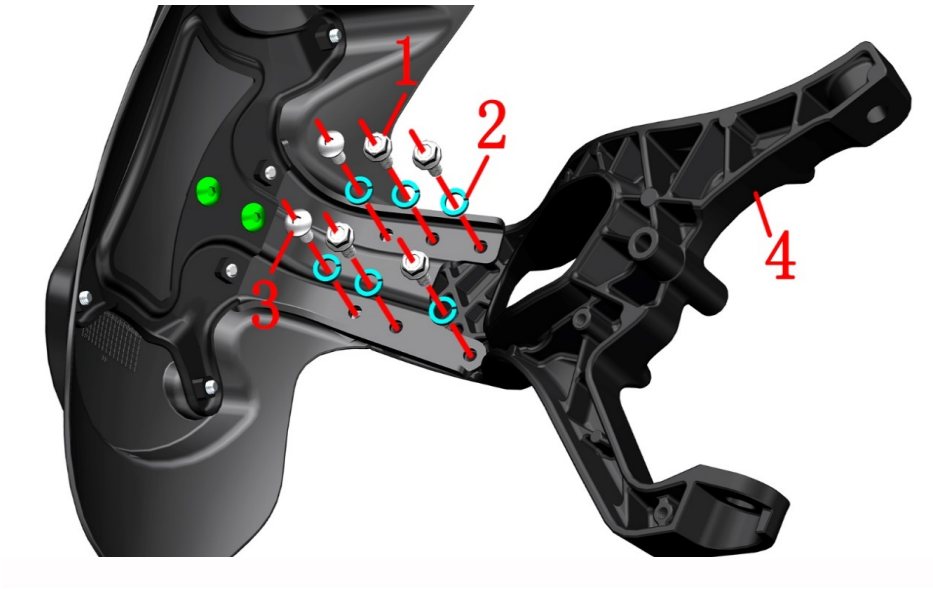
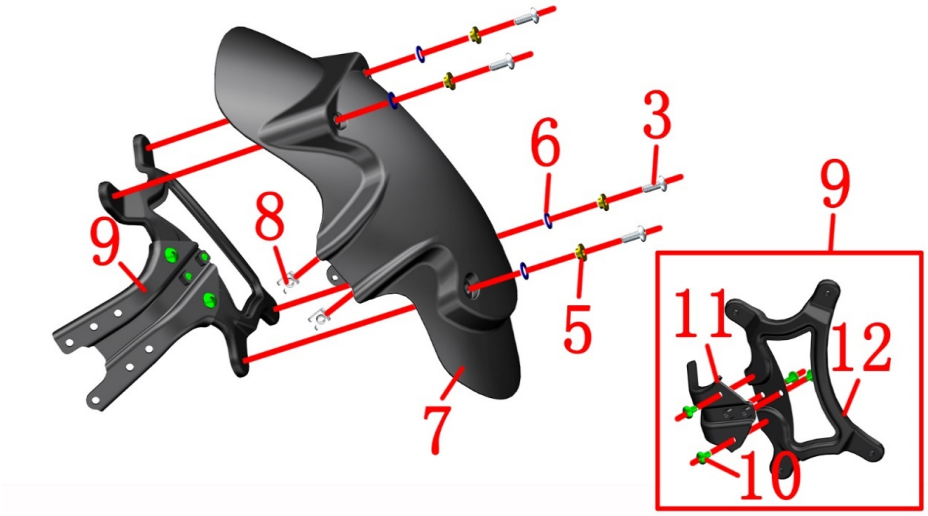


Fig.7 Rear wheel, swinging arm component		Rear sub-mud assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-137093	GB5789M6×16 (environmental color)	4	
2	1250501-007093	GB93 φ8 (environmental color)	6	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
4	4024200-119022	ZT310-R1 rear sub-mud aluminum alloy bracket (dump black)	1	
5	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
6	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	4	
7	1224200-097000	ZT310-R rear mudguard fender (without turn signal)	1	
8	1251300-063093	Plywood M6×11×15(color Zinc)	2	
9	4024200-102000	ZT310 Rear sub mudguard iron holder assembly(improved)	1	
10	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	After-sale
11	4024200-036000	ZT310-V rear auxiliary clay plate and iron bracket rear section	1	
12	4024200-101000	ZT310-R rear auxiliary mud plate iron bracket front section	1	



PROCEDURE:

●Rear auxiliary mud plate assembly

Remove 4 bolts (1) and washers (2) with 10# sleeves to remove the support (4);

Remove the inner two bolts (3) and washers (2) with the 4# inner hexagon, remove the rear four bolts (3) with the 4# inner hexagon, remove the flanging bushing (5) and the flanging bushing buffer rubber (6), and then remove the fender (7).

Remove 4 bolts (10) with 4# inner hexagon to separate the front and rear sections of the rear auxiliary mud plate iron support.

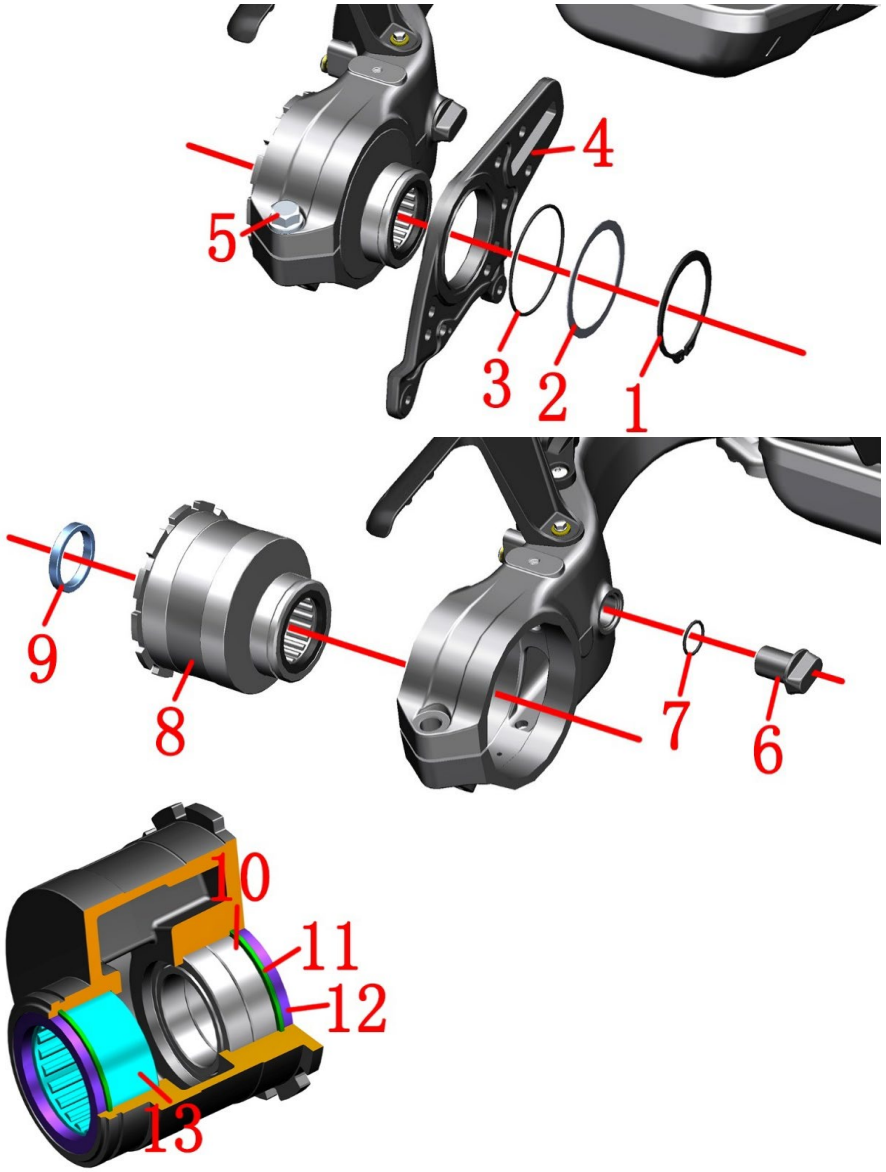


Fig.8 Rear wheel, swinging arm component		Chain adjuster assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250700-009000	Shaft type A circlip φ75×2.5	1	
2	1251500-096000	φ90×φ76×1 washer	1	
3	1244200-105000	O-ring φ80×2.65 (inner diameter×wire diameter)		
4	4024300-010000	ZT350 single rocker arm rear disc brake adapter plate (self-made/dark gray matte)	1	
5	1251100-204000	Non-standard bolt M16×1.5×50 (environmental color)	1	
6	1100100-732051	ZT310 Rear disc brake mounting plate limited block(homemade/dark grey matte)	1	
7	1244200-066000	O-ring seal (φ22.2×2.4)	1	
8	4024200-046000	Single rocker eccentric chain adjuster assembly	1	
9	1274100-104000	Bushing Φ50×Φ40×7.5	1	
10	1244200-044000	ZT310 single rocker arm Φ50×Φ62×5 oil seal	2	Eccentric chain adjuster assembly after sale
11	1250700-008000	Hole type A circlip φ62×2	2	
12	1250601-094000	GBT 276-61908-2RS/P6 deep groove ball bearing	2	
13	1250602-034000	NK50/25 needle roller bearing	1	

PROCEDURE:

●Disc brake mounting plate

First remove the retaining ring (1) with the retaining ring; Then remove the washer (2) and O-ring (3); Finally, remove the disc brake mounting plate (4).

Remove bolt (5) with 21# sleeve.

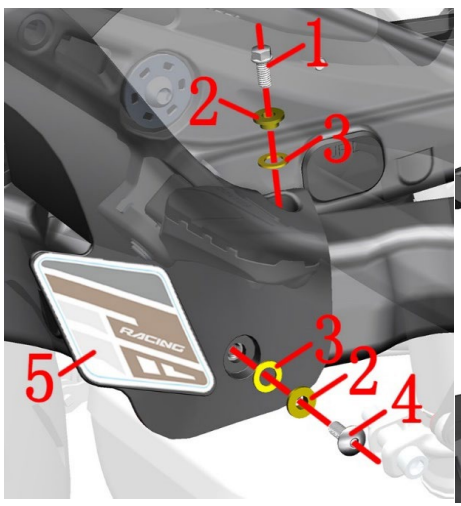
Remove the lower limit block (6) and then remove the sealing ring (7).

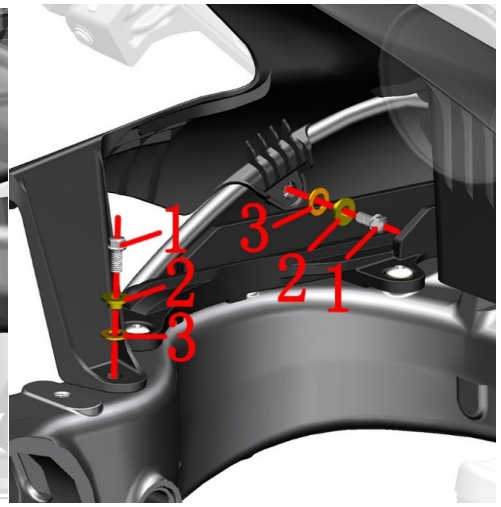
●Chain adjuster assembly

After removing the bushing(9) remove the chain adjuster assembly(8) from the rear fork. If you have difficulty removing it, you can use a flat-blade screwdriver to insert the slot at the arrow indication, and you can open it with a little force.

CAUTION:

It is recommended to inspect, maintain and clean the bearings every 6,000 km. After removing the chain adjuster assembly according to the previous steps, clean the bearings inside with gasoline or diesel. Carefully check the bearings for damage, smooth rotation, and noise. After confirming the pass, wipe it with a clean, lint-free cloth and re-apply the grease evenly on the bearing.





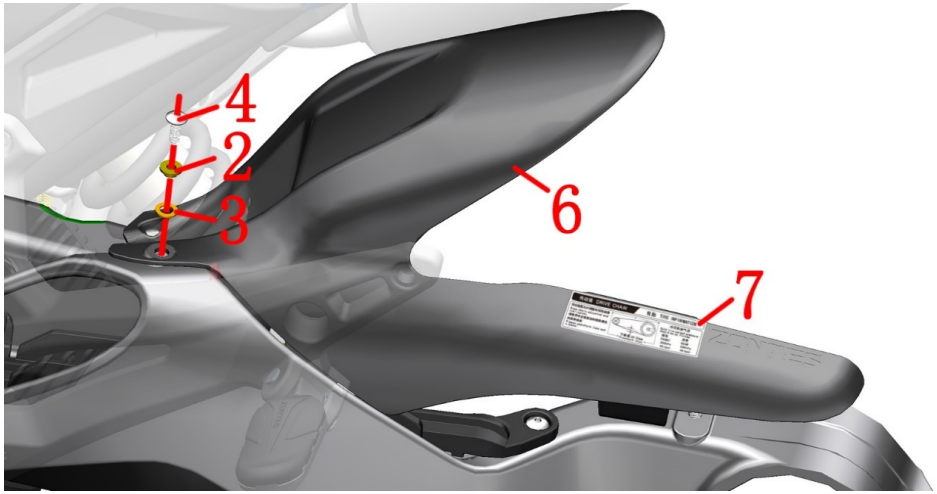


Fig.9 Rear wheel, swinging arm component		Rear mud board	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250104-006097	GB16674M6×12（chromed/HH）	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	5	
3	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	5	
4	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
5	1210342-424000	ZT310 rear mud board decal (RACING)	1	
6	1224300-087000	ZT350-R1 rear inner mud plate	1	
7	1210343-056000	ZT350-GK chain decal	1	

PROCEDURE：

●Rear mud board

Extend the 8# sleeve into the gap above the right front of the rear inner mud plate, remove the bolt (1), and remove the bushing (2) and buffer rubber (3).

Remove the bolt (4) on the right side with 4# hexagon socket, and remove the bushing (2) and buffer rubber (3).

Use 8# sleeve to remove the bolt (1) at the front of the left inner side, and remove the bushing (2) and buffer rubber (3).

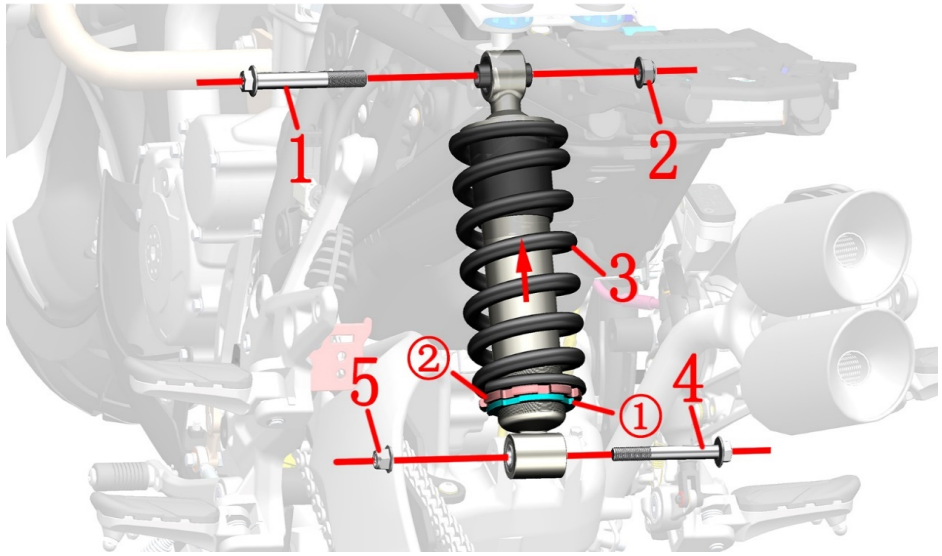
Remove the bolt (1) at the rear of the left side with 8# sleeve, and remove the bushing (2) and buffer rubber (3).

Hold the rear inner mud plate (6), remove the bolt (4) above the left front with 4# inner hexagon, and remove the bushing (2) and buffer rubber (3).

The applique (5) and the chain decal (7) can be heated back and forth by a hot air gun, and the applique is torn off from the inner mud plate after the heat viscosity is lowered.

CAUTION:

●When heating and tearing the applique, be careful not to align the same part for a long time to prevent damage to the inner mud board.



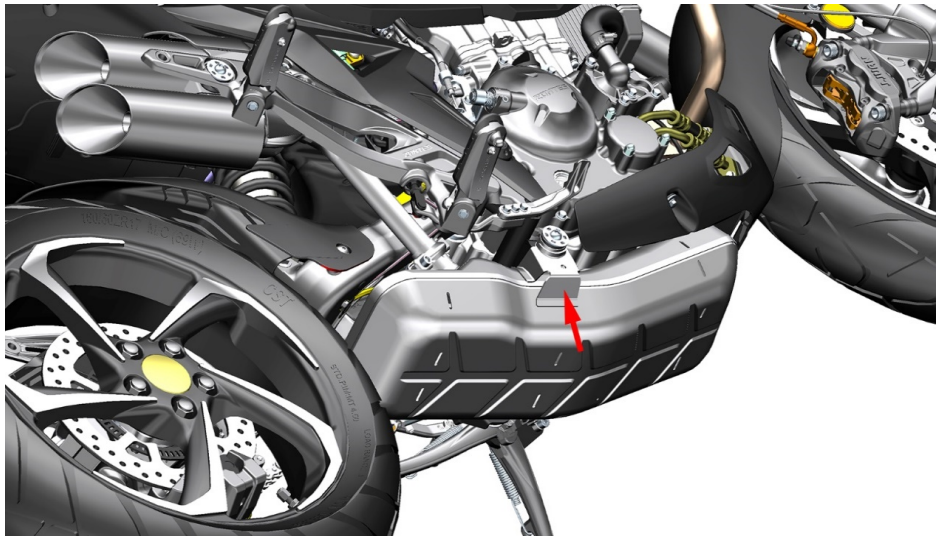


Fig.10 Rear wheel, swinging arm component		Rear shock absorber	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-019000	GB5187 non-standard bolt M12×1.25×85(10.9 garde/dacromet)	1	
2	1250305-009091	GB6187.1 M12×1.25(White Zinc)	1	
3	1114300-007000	ZT350-R1 rear shock absorber	1	
4	1251100-132003	Non-standard bolt M10×1.5×80 (Dacromet)	1	
5	1251300-057093	Non-standard nut M10×1.5(Dacromet)	1	

PROCEDURE:

●Rear shock absorber

After the side bracket is lowered, one person's left hand will kill the direction to the left while the right hand grips and the foot pedals to tilt the vehicle to the left; the other person uses a wooden bench to press the muffler installation point on the right side of the vehicle (as shown in the lower left figure) to support the vehicle. The wheel is slightly off the ground.After supporting the whole vehicle, one person uses 14# sleeve to hold the heads of bolts (1) and (4) respectively, and one person uses 17# sleeve to remove nuts (2) and (5).

One person lifts the rear wheel and gently shakes it up and down, and the other person pulls out the bolt (4).

One person holds the vehicle well, and one person lifts the rear shock absorber (3) slightly in the direction of the arrow and then pulls out the bolt (1); Finally, remove the shock absorber.

●Adjust the rear absorber

Use hook wrench to loosen adjustable nut① and rotate adjustable 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 by either the absorber is too soft or too hard.

CAUTION:

●Disassemble cushion,side cover,right side cover, bolts on front parts of rear skirt and rear inner fender.

●Use suitable tool to support the motorcycle. Avoid accidents caused by falling down. Single person operate it is prohibited.

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

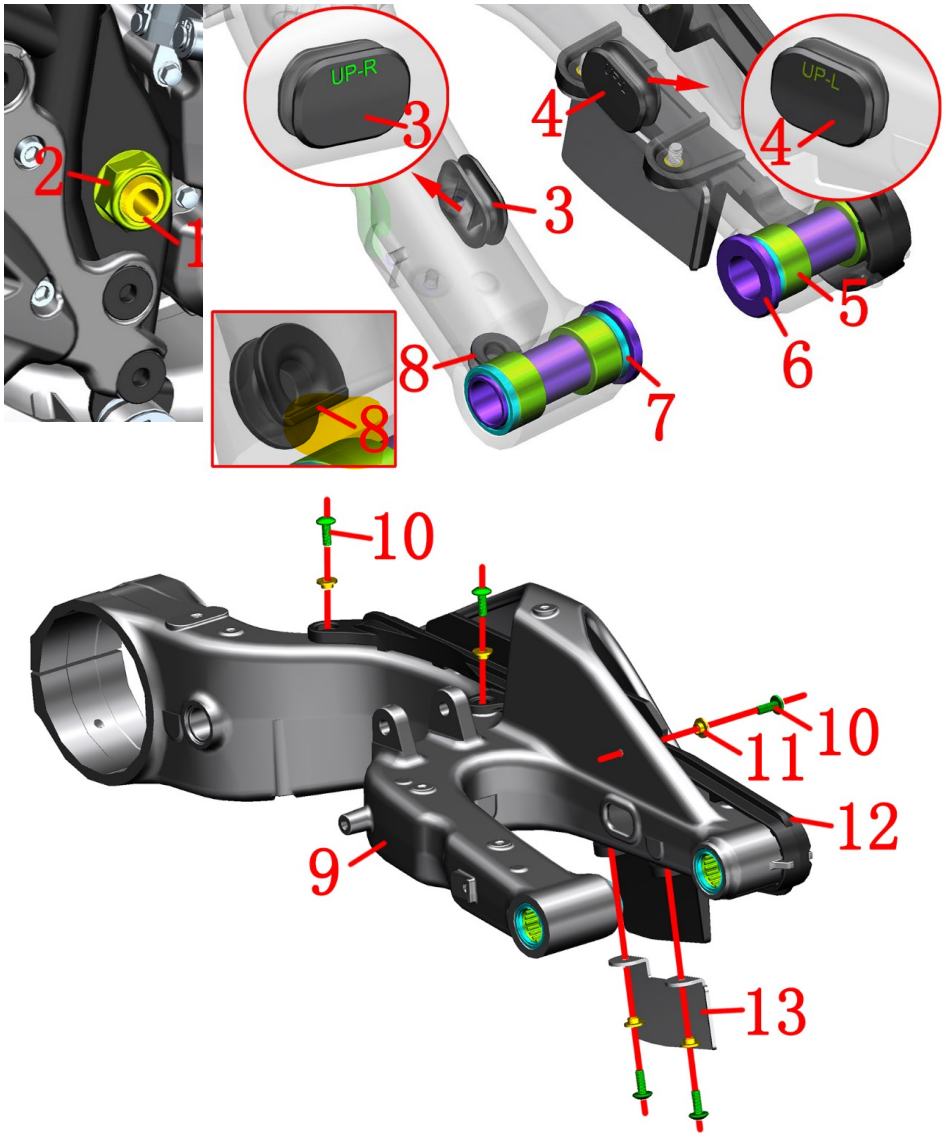


Fig.11 Rear wheel, swinging arm component		Rear wheel assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
2	1251300-067000	ZT250-R rear wheel hollow shaft nut	1	110±5N.m
3	1244200-085000	ZT310 single rocker arm aluminum alloy flat fork right dustproof rubber plug	1	
4	1244200-086000	ZT310 single rocker arm aluminum alloy flat fork left dustproof rubber plug	1	
5	1250602-035000	HK2516 needle roller bearing	4	After-sale
6	1274100-102000	Single rocker rear fork bushing	2	
7	1244200-079000	ZT310 single rocker arm Φ25×Φ32×4 oil seal	4	After-sale
8	1244200-101000	ZT310 single rocker arm aluminum alloy rear fork front dustproof rubber plug	1	
9	4074200-003051	ZT310 Dark gray single rocker arm aluminum alloy rear fork assembly (including bearing / oil seal)	1	
10	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	5	
11	1274100-057095	Bush φ6.2×φ8.4×3.5＋φ14×1.5	5	
12	1274200-127000	Single arm rear fork anti-wear block fixing bracket	1	
13	1244200-055000	ZT310 single arm rear fork wear block	1	

PROCEDURE:

●Rear swinging arm assembly

Person 1 hold the head of rear swinging arm axle(1) with socket sleeve. Person 2 disassemble nut(2) with socket sleeve. Person 1 hold the rear swinging arm assembly. Person 2 take off rear swinging arm after disassembling rear swinging arm axle(1) with suitable tool.

Remove the bushing(6), the left dust-proof rubber plug(4), and the front dust-proof rubber plug(8) and the right dust-proof rubber plug(3) from the rear fork assembly.

●Abrasionproof block of rear swinging arm

Using 4# inner hexagon socket remove the five bolts (10)and the flange bushing(11)with the hexagon socket tool and remove the fixing bracket (12)and the wear-resistant block (13)from the rear fork assembly(9).

●Rear fork after sale

The oil seal(7) and the needle bearing (5) are used for interference compression. Please ensure that they have the ability to disassemble and disassemble.

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.

●The left dust-proof rubber plug is stamped with "UP-L", and the right dust-proof rubber plug has "UP-R"; pay attention to the installation direction.

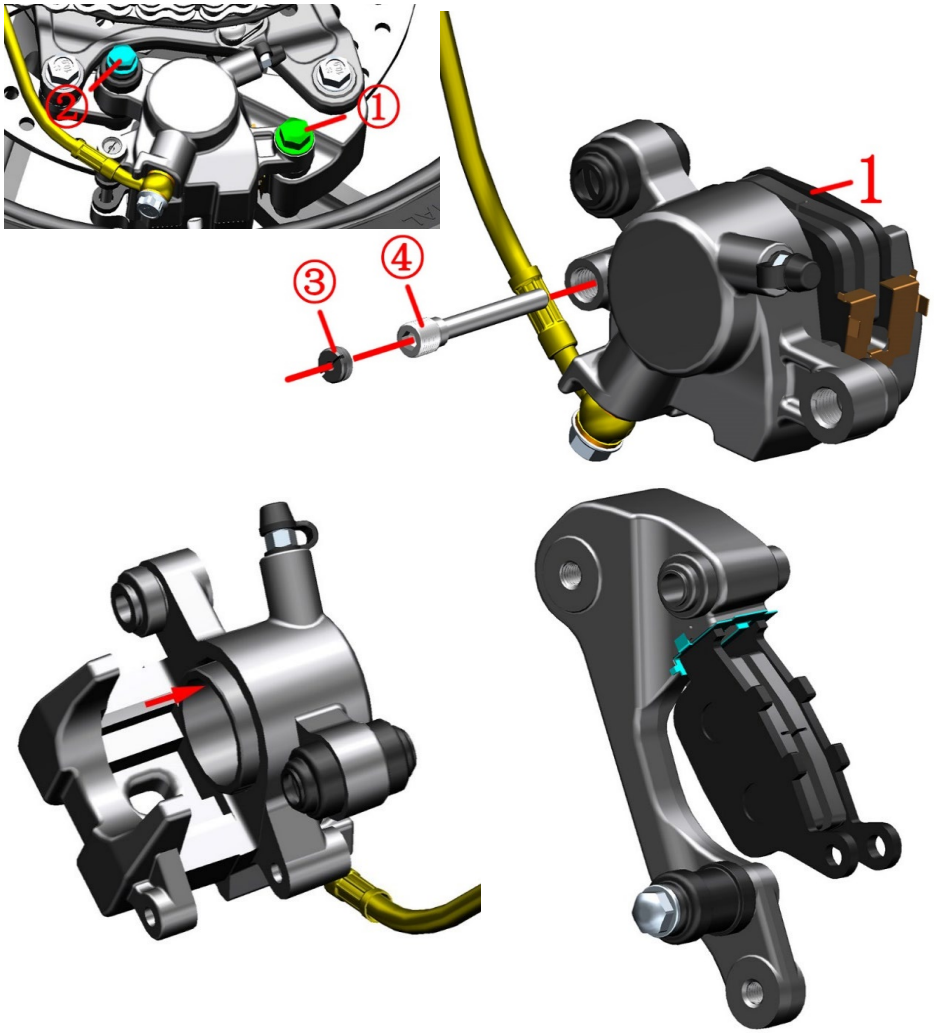


Fig.12 Rear wheel, swinging arm component		Change rear brake arresters	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250－S rear disc brake arrester(HS10)	1	After-sale

PROCEDURE：

●Disassemble disc brake arrester

Loosen the upper sliding shaft ① with a 14# sleeve.

Loosen the lower sliding shaft ② with a 12# ring wrench.

Remove the sliding shaft and remove the rear brake caliper.

Remove the nut ③ with a slotted screwdriver.

Remove the pin shaft ④ with 5# hexagon socket.

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.

Lock the pin shaft ④ with 5# hexagon socket.

Lock the nut ③ with a slotted screwdriver.

Lock the upper sliding shaft ① with 14# sleeve and the torque is 34n m。

Lock the lower sliding shaft ② with 12# ring wrench.

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.

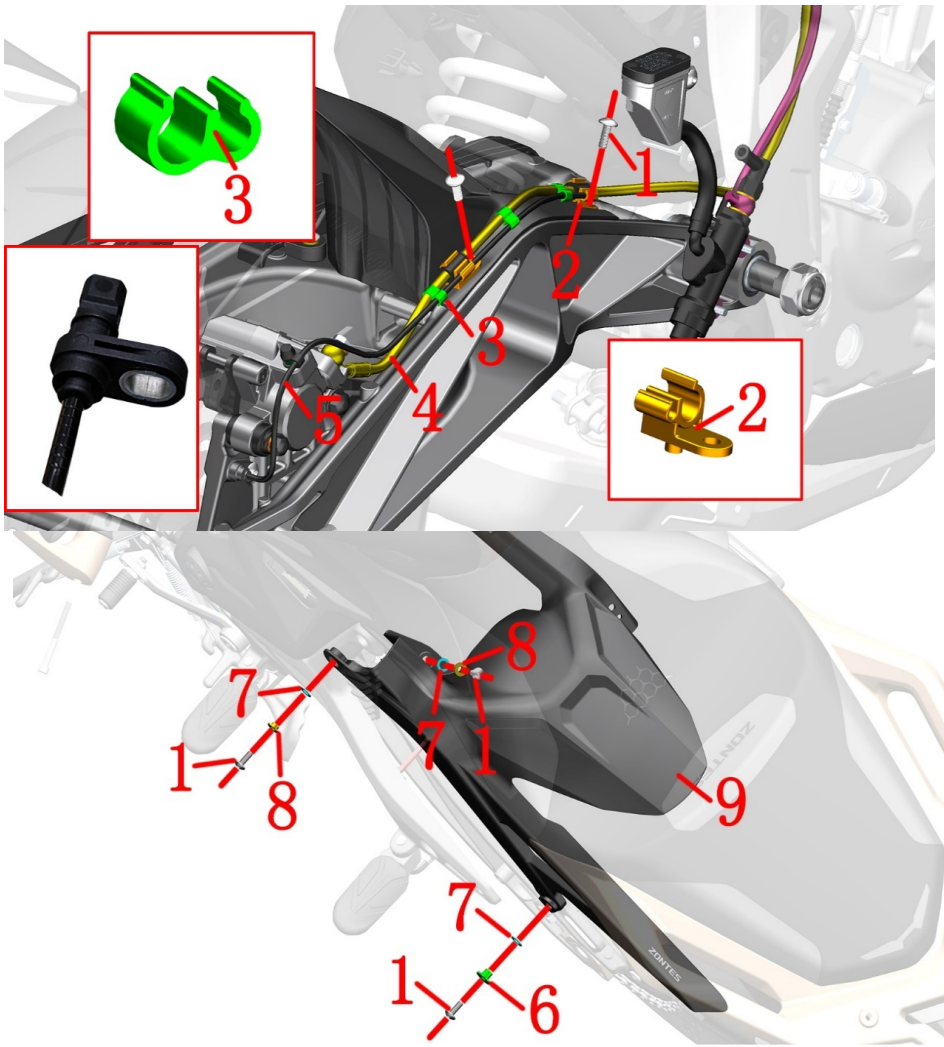


Fig.1 REAR WHELL COMPONENT		Rear mud board	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	5	
2	1224200-003000	ZT310-R Rear disc brake pipe clamp	2	
3	1224100-044000	Wheel speed sensor clamp	2	
4	1100100-820000	ZT350-R brake hose RC-HU section（A）	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.

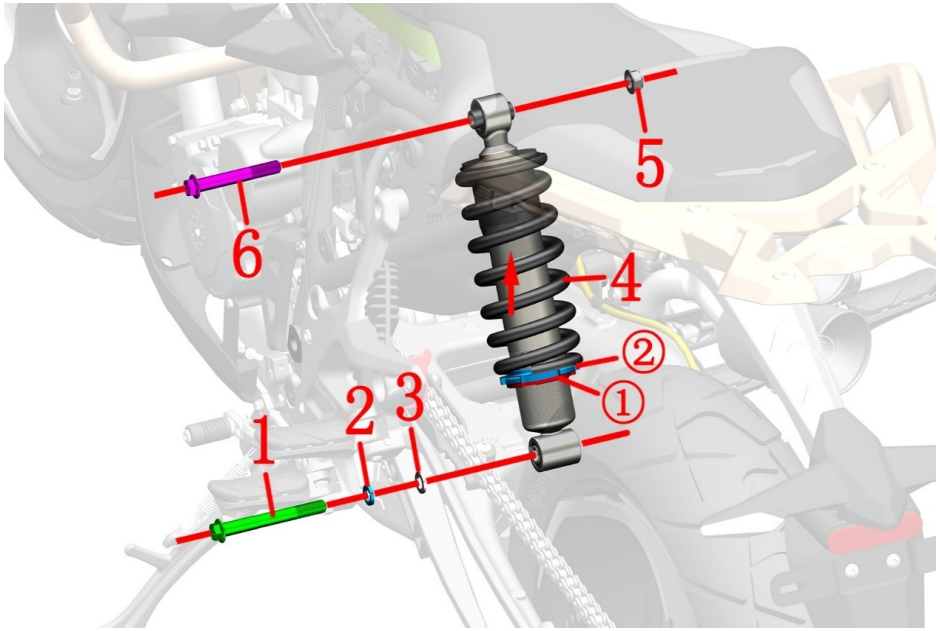


Fig.2 REAR WHELL COMPONENT		Rear shock absorption	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-017000	GB5787 Non－standard bolt M12×1.25×105((10.9 grade/dacromet/Two diameters)	1	
2	1250501-016000	GB93φ12 spring pad	1	
3	1251500-001097	Non-standard flat pad φ12×φ20×2 (chrome plated)	1	
4	1114300-011000	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	

●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.

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.

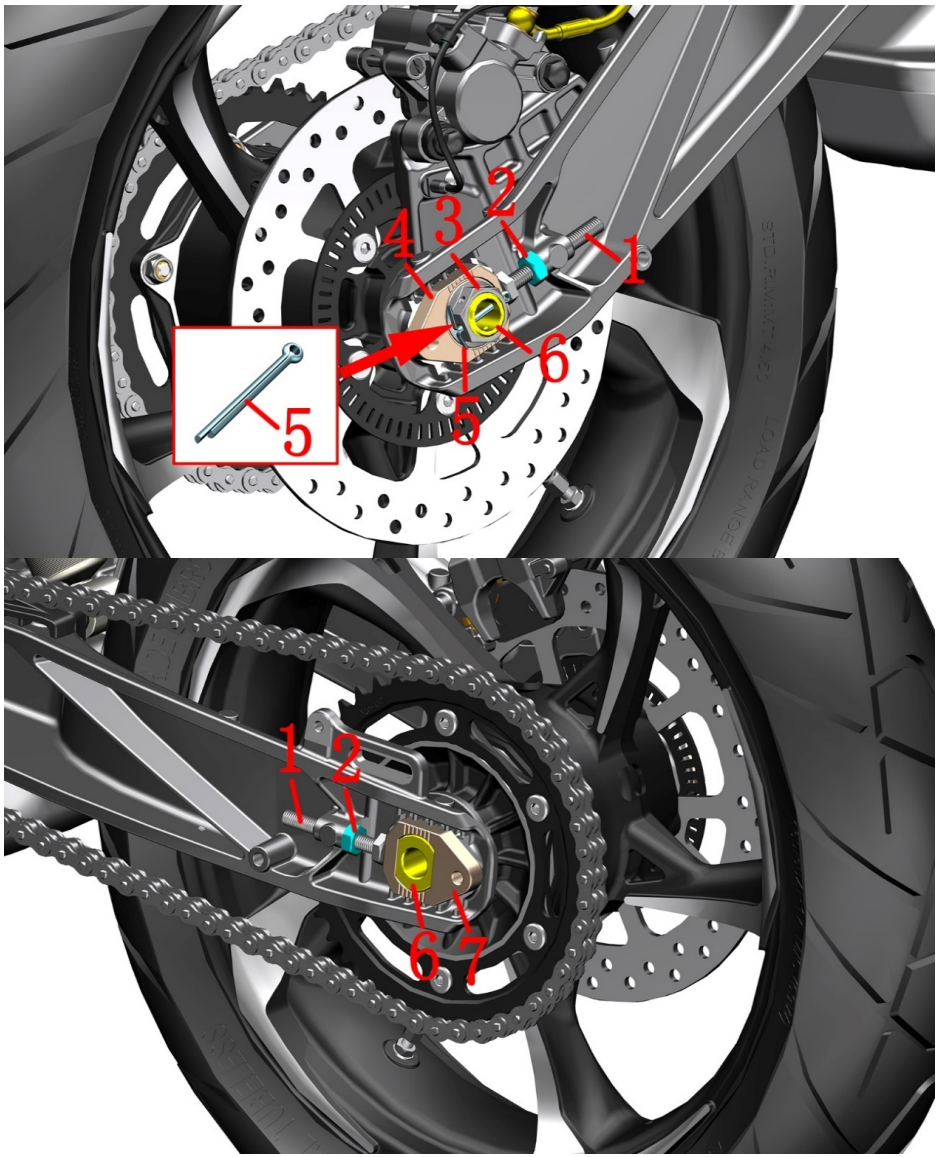


Fig.3 REAR WHELL COMPONENT		Rear wheel component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-105000	ZT310－R chain adjuster bolt M10×70	2	
2	1251300-050000	ZT310－R chain adjuster bolt M10(304 stainless steel)	2	
3	1251300-087000	ZT350 rear wheel hollow shaft nut(M25)	1	110N.m
4	1274300-015051	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.

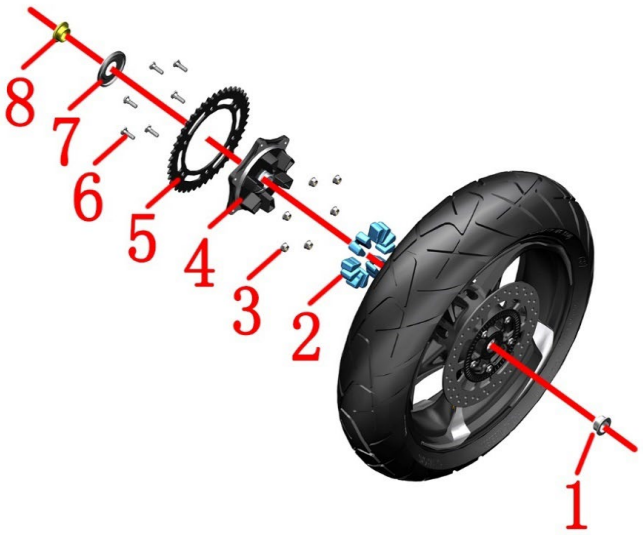


Fig.4 REAR WHELL COMPONENT		Rear wheel component 2(aluminum）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-011000	ZT350－GK rear wheel right sleeve(φ25×φ30×15.5/shoulder φ38)	1	
2	1244300-002000	ZT350－GK rear sprocket buffer adhesive	6	
3	1250305-002091	GB6187.1 M8(White zinc)	6	24N.m
4	1094300-015000	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# sleeve.Remove sprocket(5) and bolt(6) from sprocket seat(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.

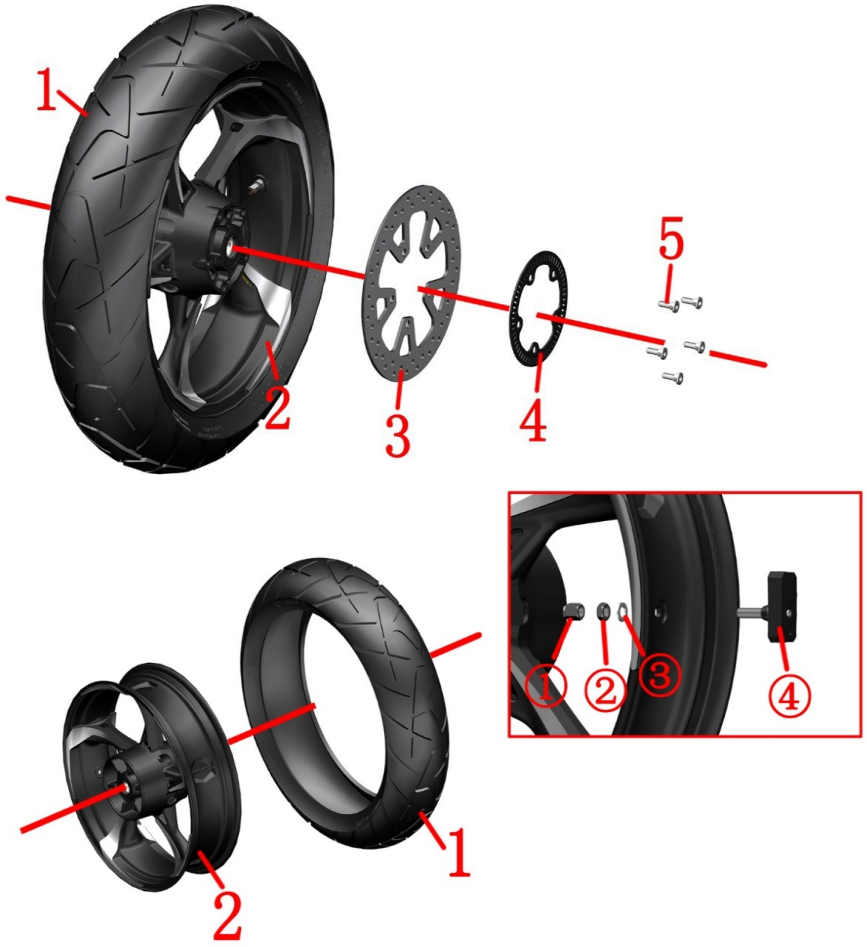


Fig.5 REAR WHELL COMPONENT		Rear wheel component 3(aluminum）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1230100-567000	160/60ZR17 CM—A1S 69W TL E4	1	
2	1094300-006000	ZT350-GK rear aluminum wheel (MT4.5×17\black)	1	
3	1100100-784000	ZT350—GK rear brake disc (265×4.5)	1	
4	1274200-058000	ABS induction ring (60 teeth)	1	
5	1251100-117093	Non-standard inner hex bolt M8×25 (environmental color)	5	22～24N.m
6	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	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 cap① 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. Finally, use 12# ring wrench to remove nut② and flat washer③, and then remove tire pressure sensor④.

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 wheel component 4 (spoke wheel)	CHK 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.

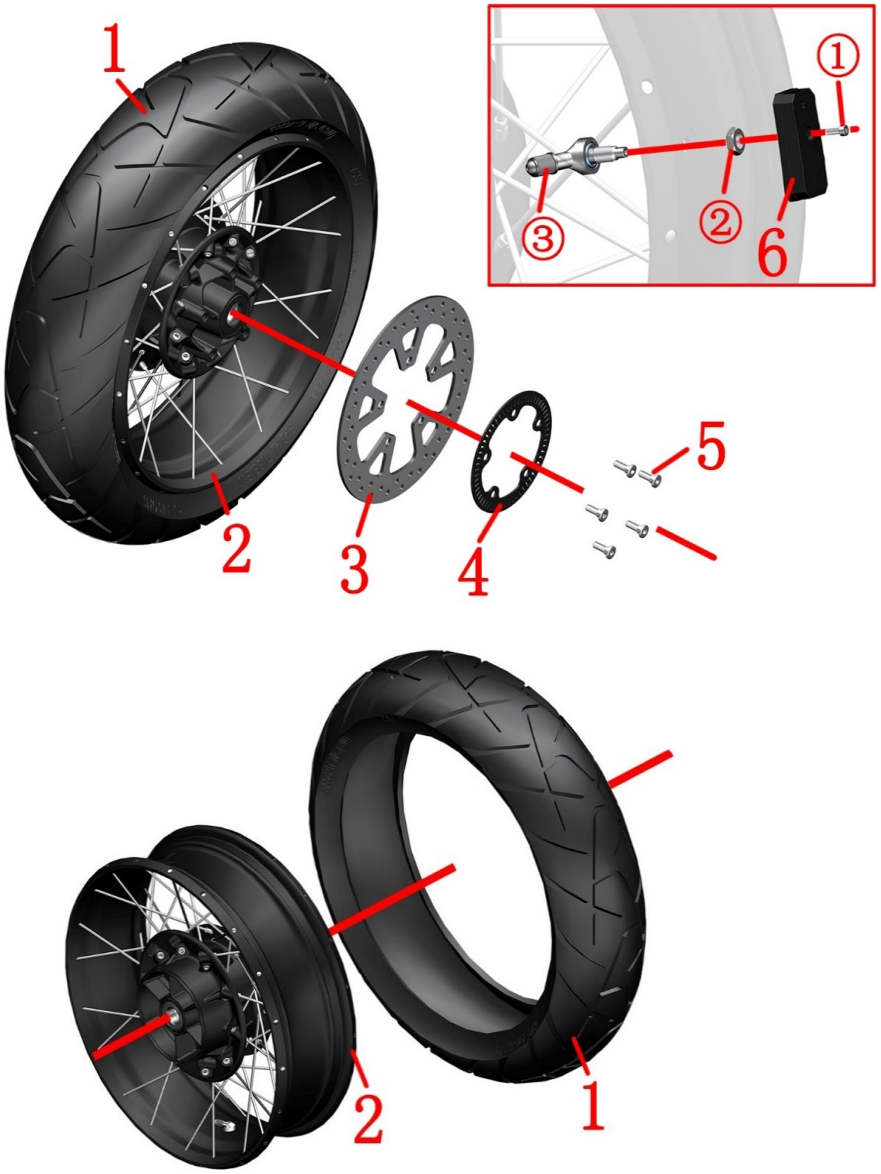


Fig.7 REAR WHELL COMPONENT		Rear wheel component 5 (spoke wheel)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1230100-567000	160/60ZR17 CM－A1S 69W TL E4	1	
2		ZT350－T front spoke wheel MT4.5×17	1	
3	1100100-784000	ZT350－GK rear brake disc (265×4.5)	1	
4	1274200-058000	ABS induction ring (60 teeth)	1	
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.it will be switched to a stainless steel lock hex nut requiring a size 13 wrench around September 24,2026. Tightening torque: 7N. m.

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.

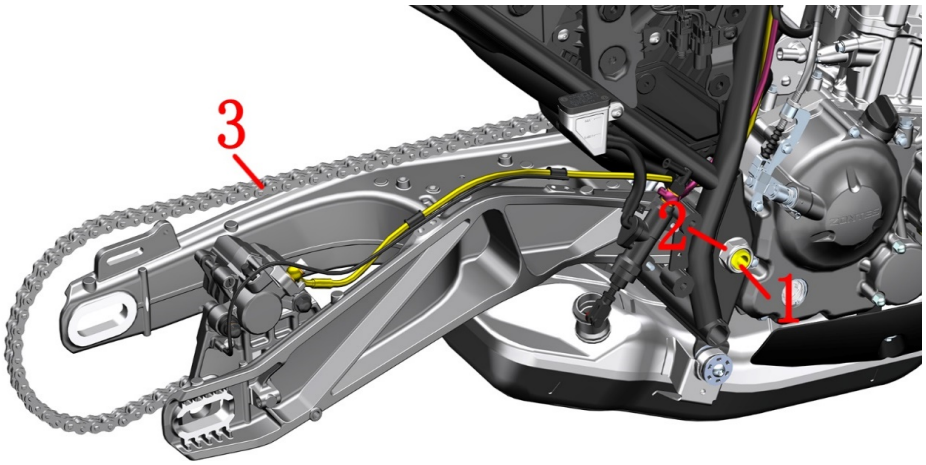
●The tire repair fluid should not be used because it will block the stoma of the pressure monitoring sensor,resulting in dificulty in inflating or failure of tire pressure momnitoring .

●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.



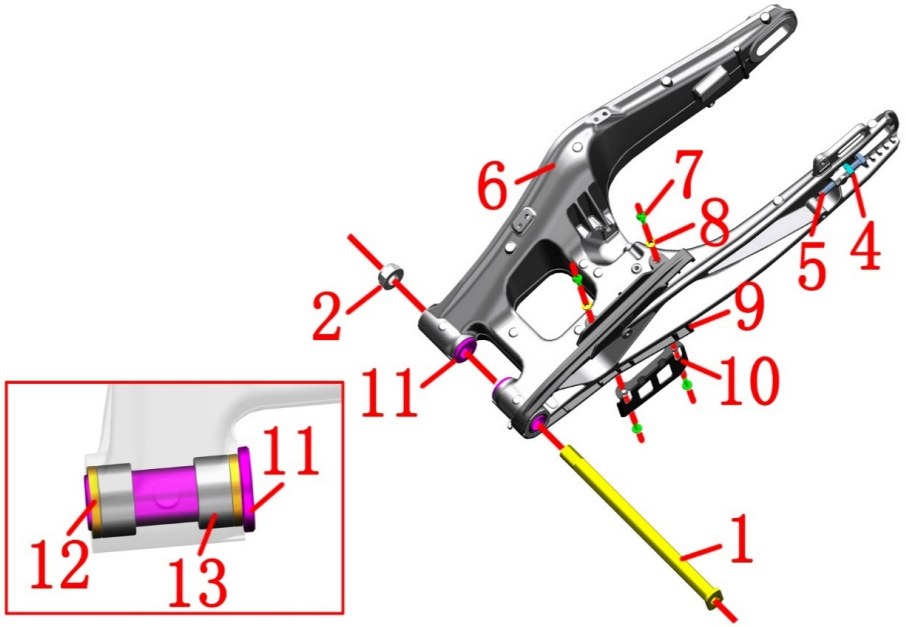


Fig.8 REAR WHELL COMPONENT		Rear swinging arm component （Double rocker arm）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
2	1251300-067000	ZT250－R rear wheel hollow shaft nut	1	110±5N.m
3	1080200-106000	ZT350－GK 112 pitch chain (520 oil seal 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 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.

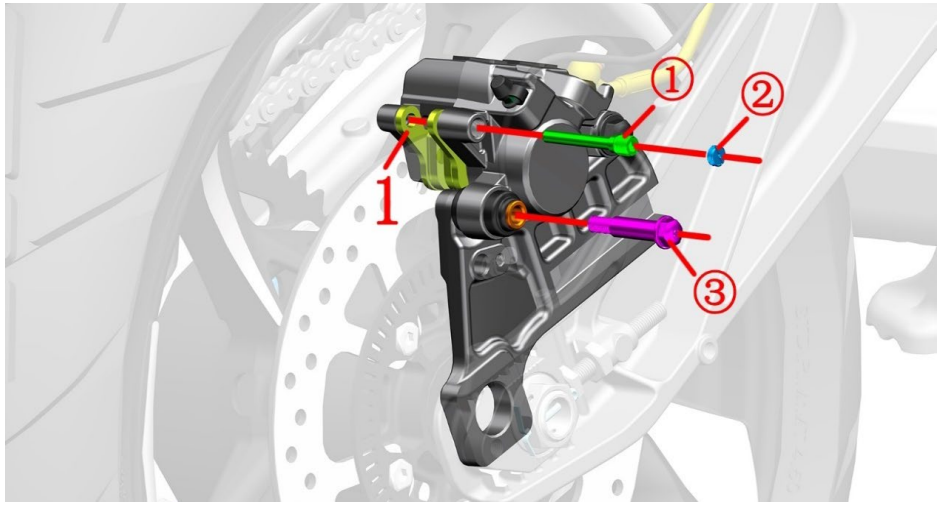
CAUTION:

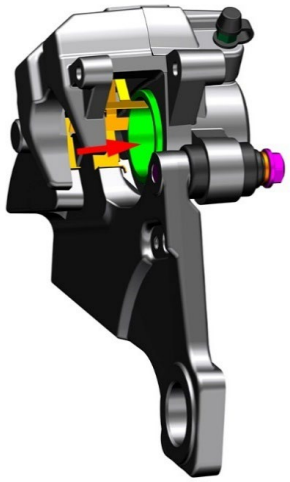
●Be sure to fix up the motorcycle in the process of disassembly.

●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.





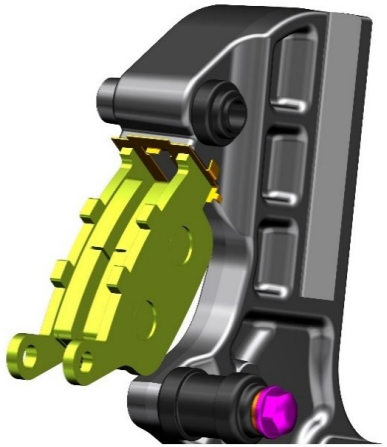


Fig.9 REAR WHELL COMPONENT		Replace the rear brake pads (Double rocker arm)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250-S rear disk brake pads (HS10)	1	After-sales

PROCEDURE:

●Disassemble disc brake arrester

Using strait screwdriver to disassemble nut②.

Disassemble pin axle① 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 axle① with 5# inner hexagon socket tool.

Tighten rolling axle③ with socket sleeve.

Tighten nut② 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.

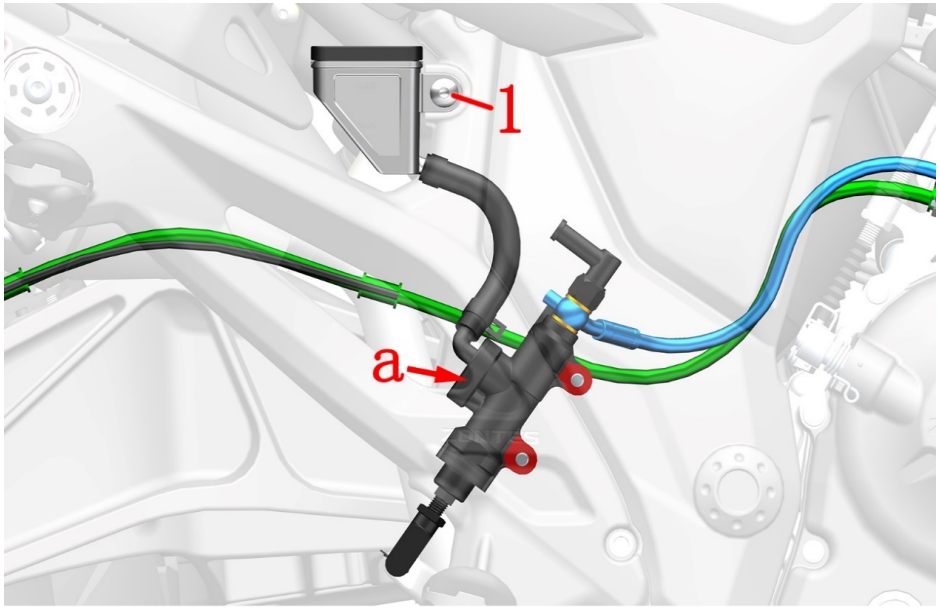


Fig.10 REAR WHELL COMPONENT		Rear brake main pump adds brake fluid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	

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.

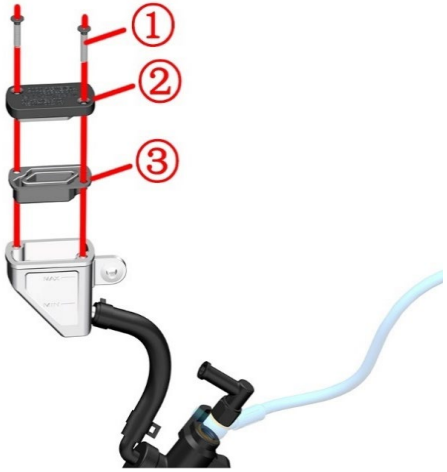
Disassemble bolt① with cross screwdriver.

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.

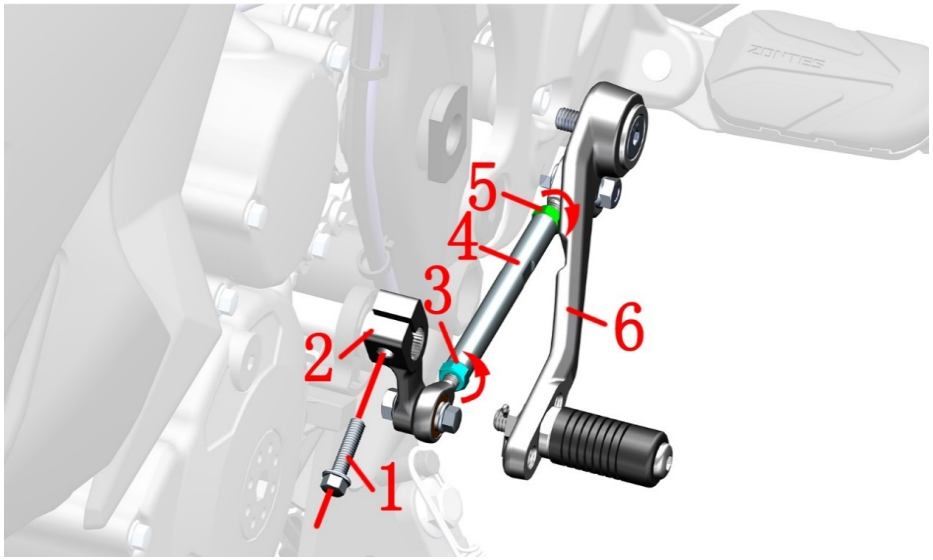
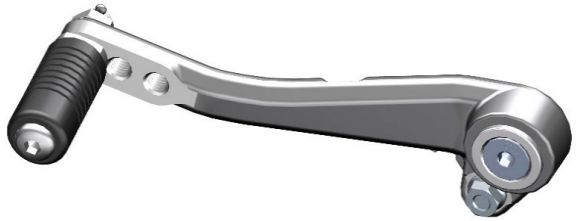
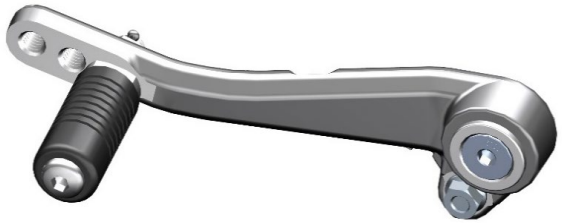


Fig.1 FOOT PEDAL COMPONENT		Shift lever adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	1	
2	1271200-163000	ZT250－S Gear swift rod spline of Rocker arm	1	
3	1250301-020093	GB6170M6 (environmental color)	1	
4	1274300-026000	ZT350-R 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	



Forth



Future

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.

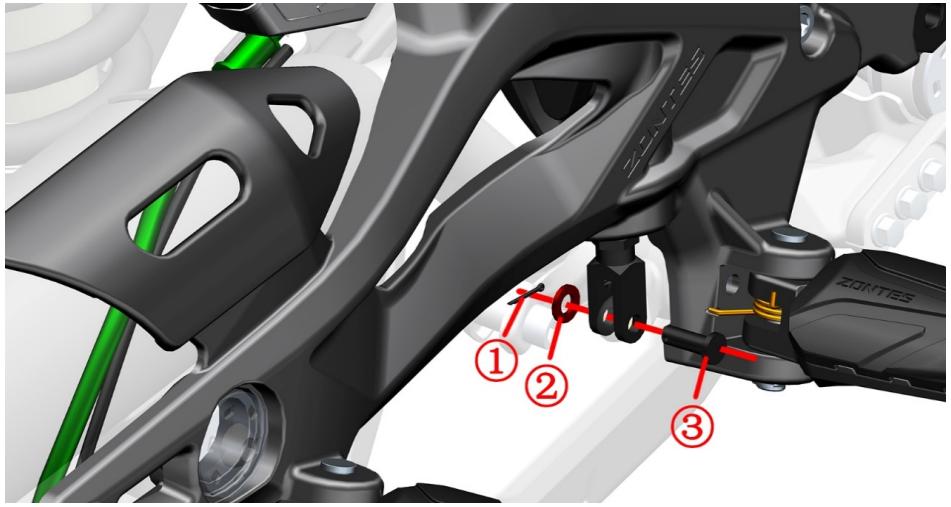
●Shift lever position adjustment

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.



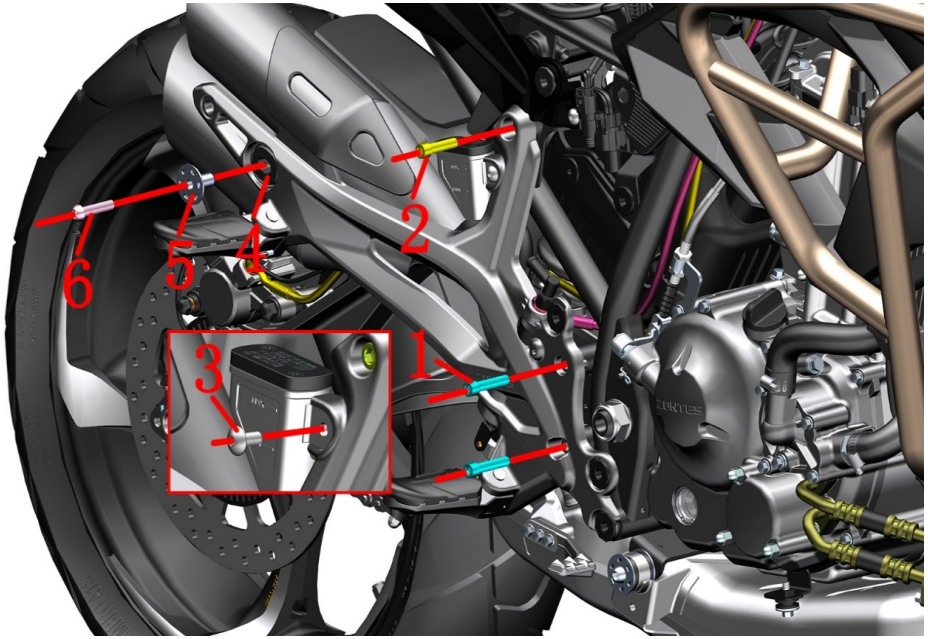


Fig.2 FOOT PEDAL COMPONENT		Right footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-023000	GB70.1 inner hexagonal M8×35 (color zinc)	2	
2	1250205-034093	GB70.1 inner hexagonal M8×30 (color zinc)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
4	1244300-022000	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 inner hexagon socke, and remove the bushing (5) and buffer rubber(4).

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

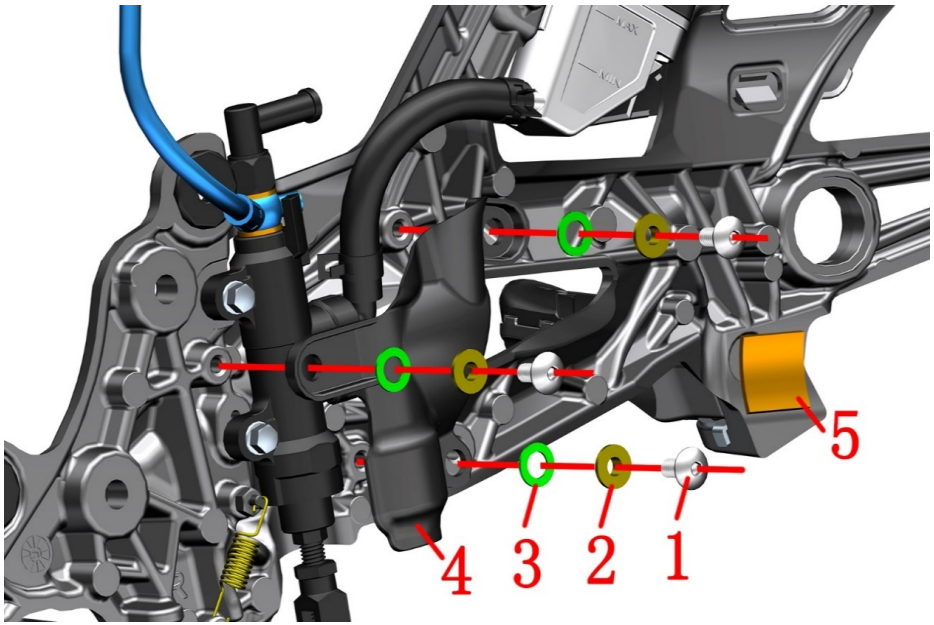
CAUTION:

●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.



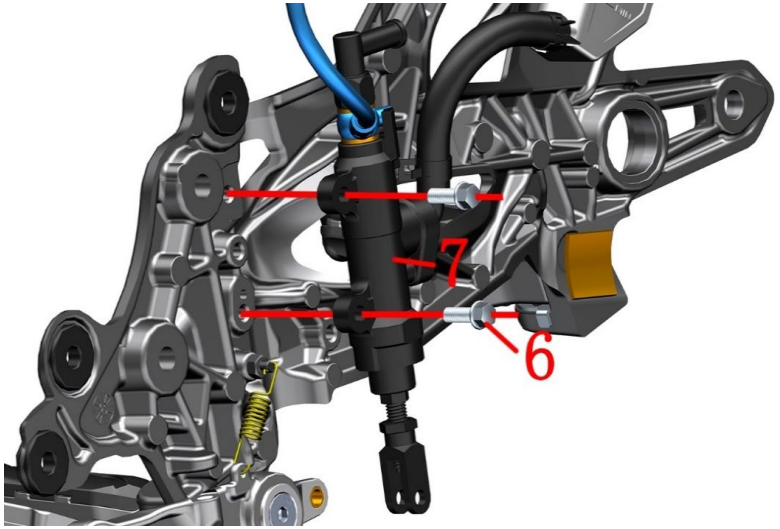


Fig.3 FOOT PEDAL COMPONENT		Right footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	3	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	3	
4	1224300-023000	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# inner hexagon sockeremove 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

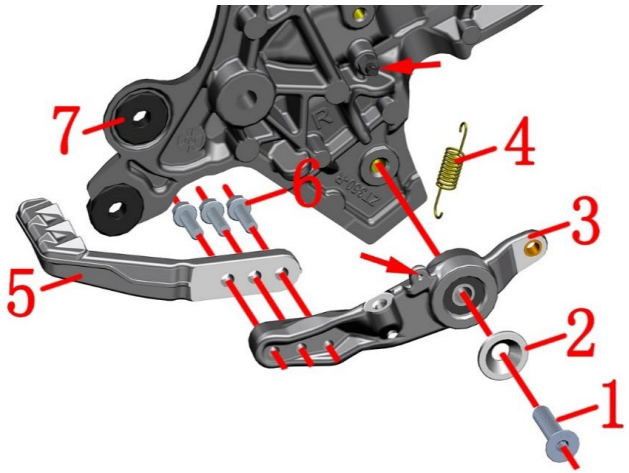
Using 8# sleeves remove two bolts(6) take down the main pump(7) of rear disc brake.

CAUTION:

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

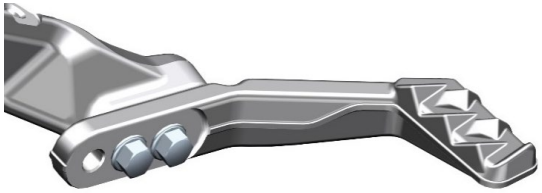
●Place properly the disc brake oil cup and main pump. Avoid the air on top of oil cup getting into the tubes of disc brake.

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





Forth



Future

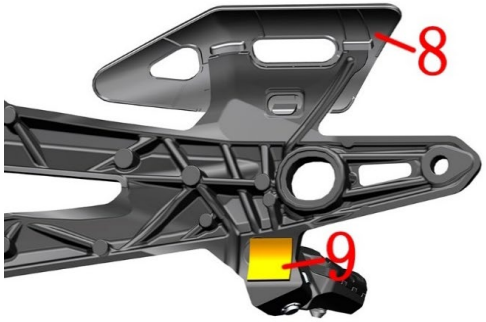


Fig.4 FOOT PEDAL COMPONENT		Right footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-124000	GB70.3 M8×30 (10.9 grade environmental protection color)	1	
2	1274300-027000	ZT350 pedal bearing cover	1	
3	4024300-028000	ZT350－R pedal rocker arm(lncluding bearings)	1	
4	1260100-303000	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).

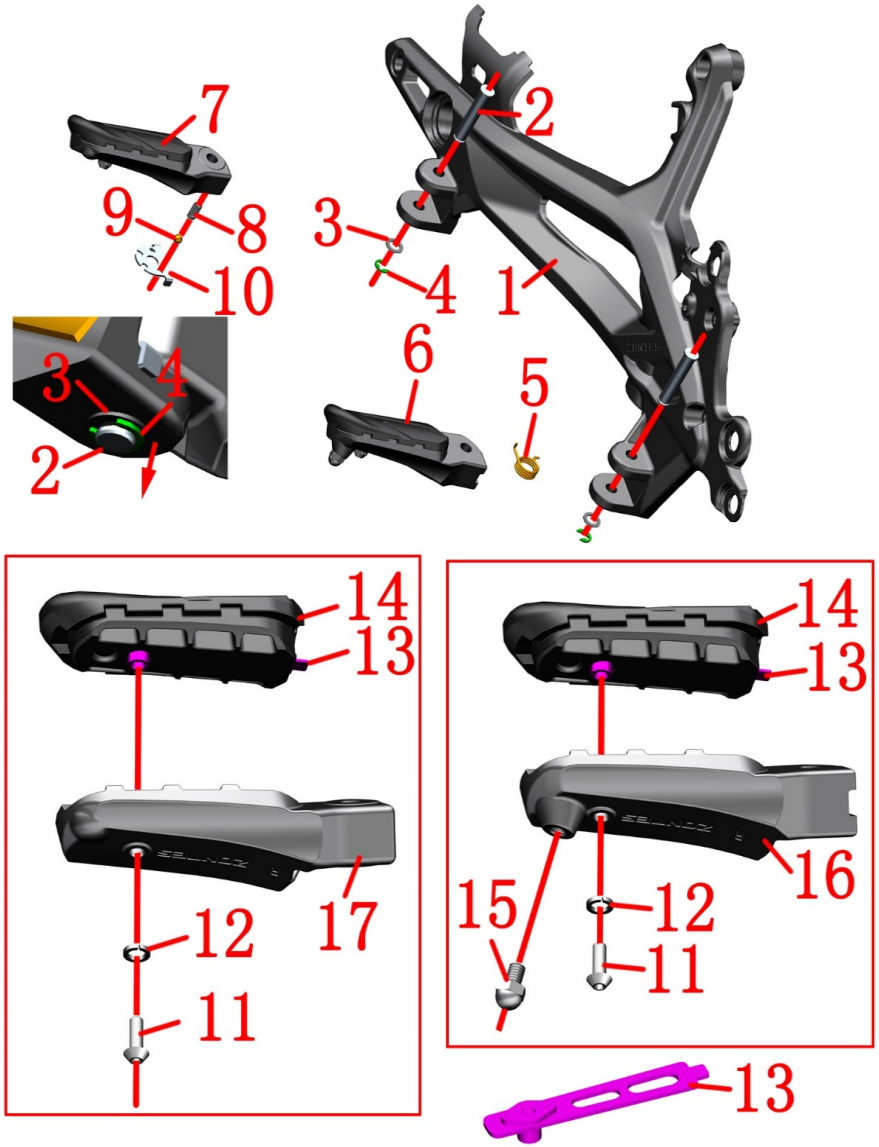


Fig.5 FOOT PEDAL COMPONENT		Right footrest component 4	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4064300-021051	ZT350 right pedal support (HT/ dark gray matte)	1	
2	1274300-033000	ZT350-R Pedal pin	2	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
4	1264100-006000	ZT250－S Pedal 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.

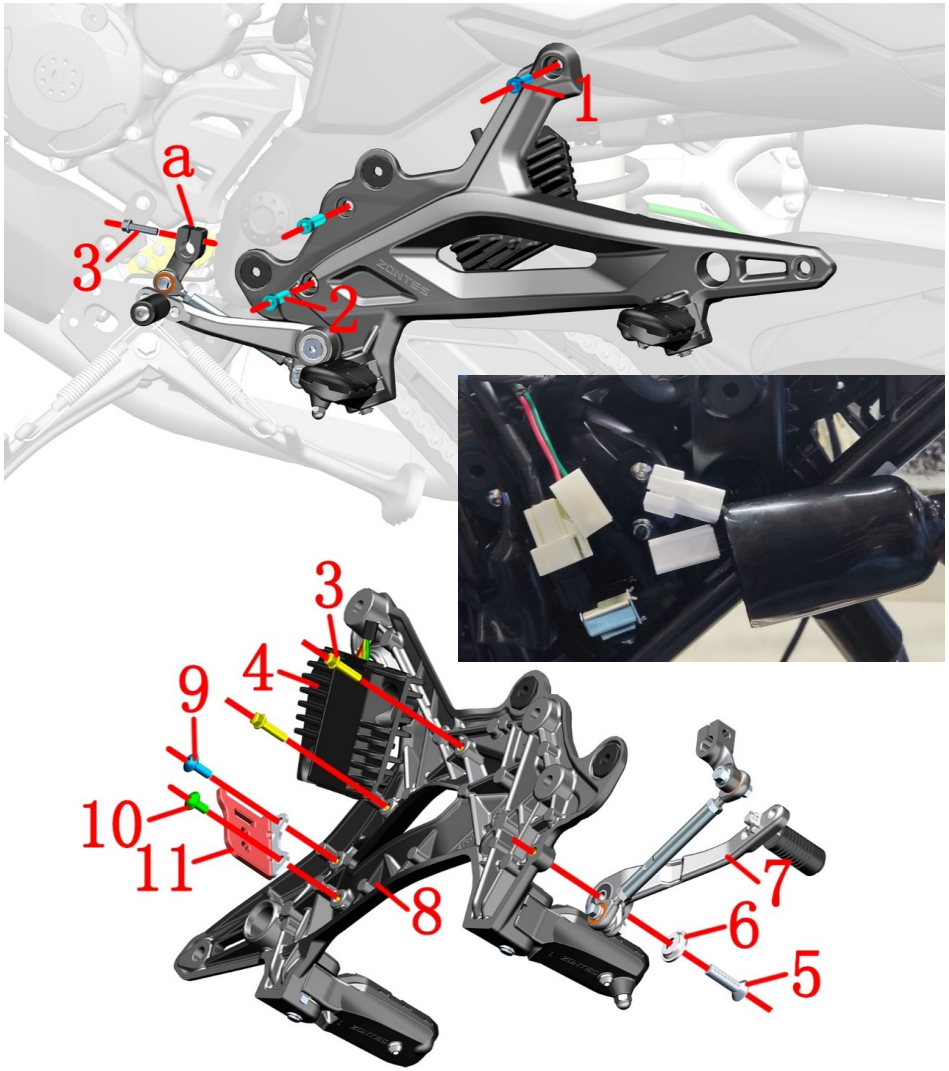


Fig.6 FOOT PEDAL COMPONENT		Left footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-034093	GB70.1 inner hexagonal M8×30(color zinc)	1	
2	1250205-023000	GB70.1 inner hexagonal M8×35(color zinc)	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
4	1184300-013000	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.

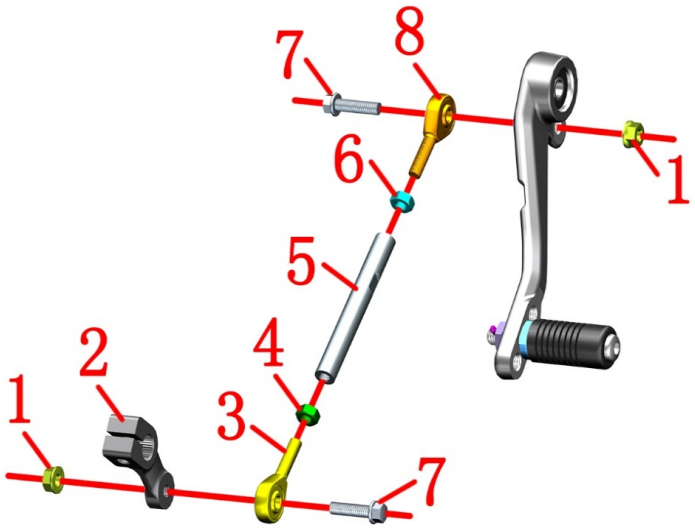
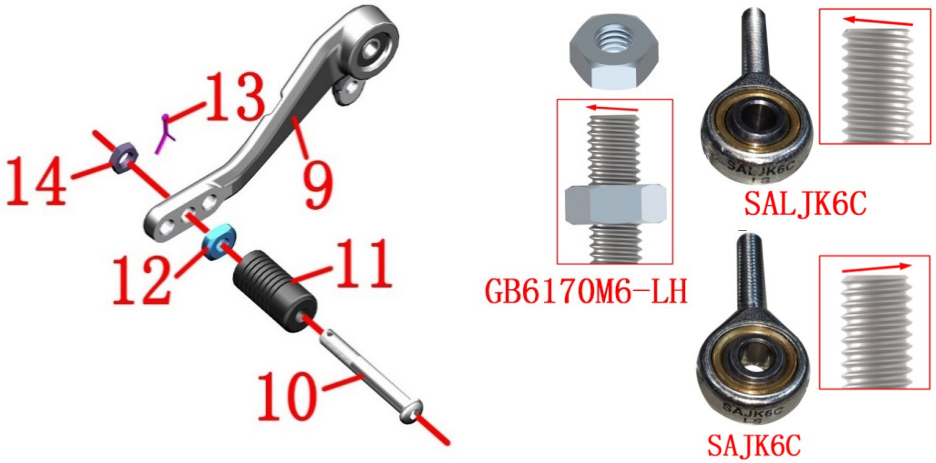


Fig.7 FOOT PEDAL COMPONENT		Left footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6 (environmental protection color)	2	
2	1271200-163000	ZT250－S shift lever spline rocker arm(dark gray)	1	
3	1274100-042000	Miniature rod end ball bearing SAJK6C	1	
4	1250301-020093	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)

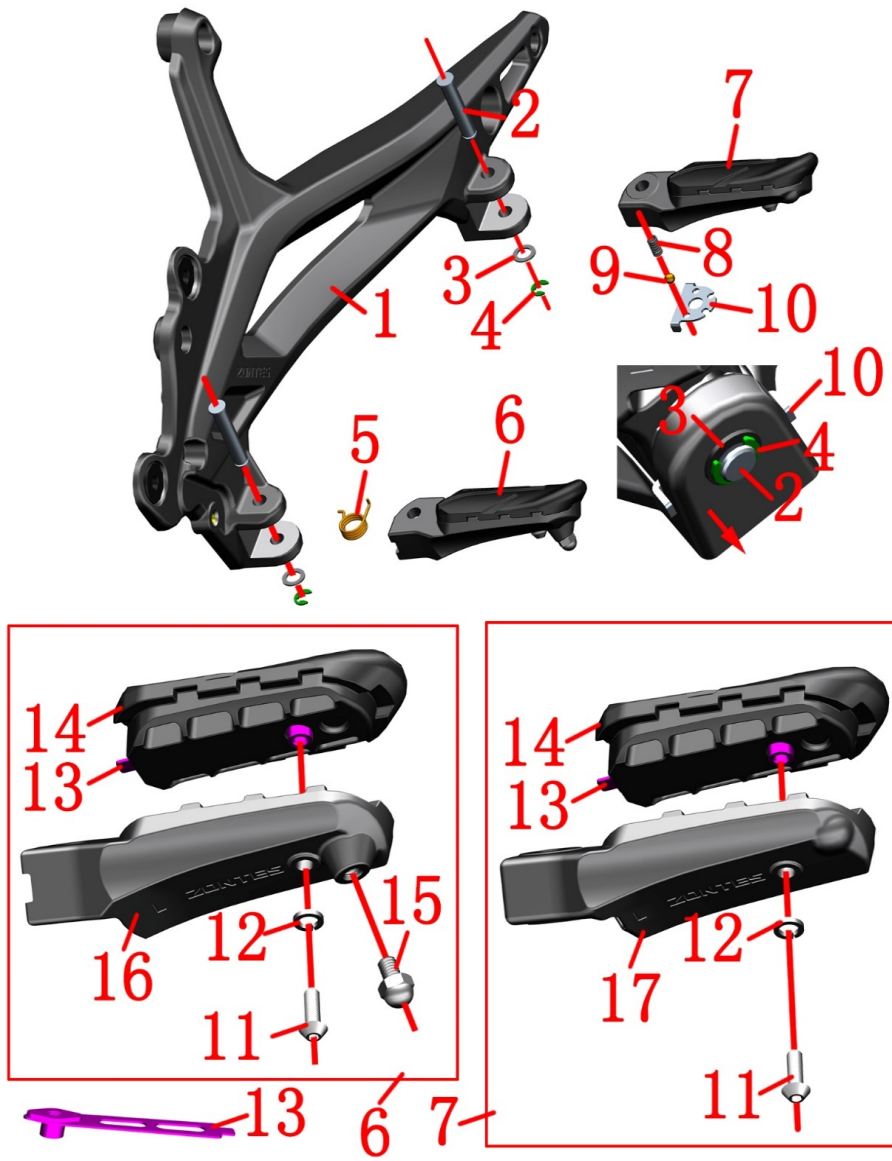


Fig.8 FOOT PEDAL COMPONENT		Left footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4064300-022051	ZT350 left pedal support (dark gray matte)	1	
2	1274300-033000	ZT350-R Pedal pin	1	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
4	1264100-006000	ZT250－S Pedal circlip	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

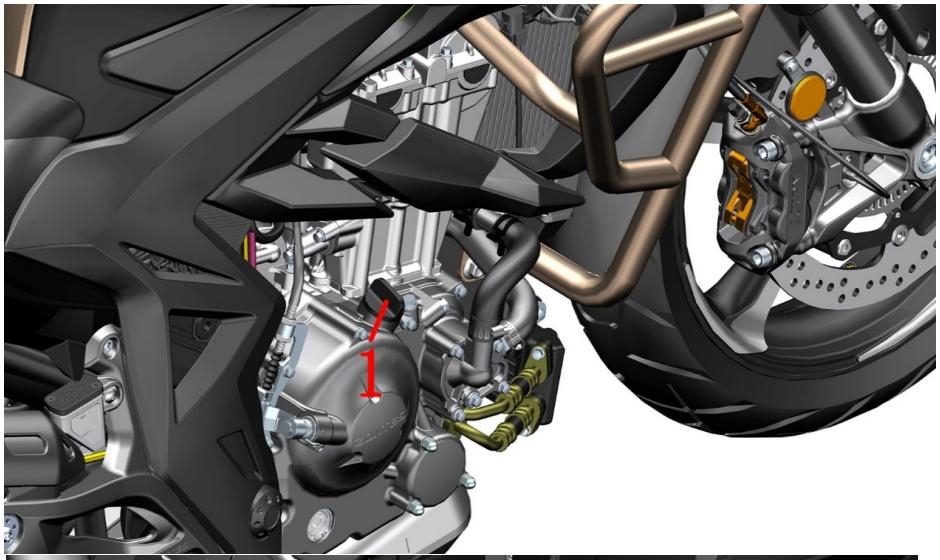
Hold tightly the L, front pedal(16). Disassemble bolt(15) with a 10# sleeve. Disassemble bolt(11) with 3# inner hexagon socket.Take off spring washer (12). Take off rubber(14), positioning plate(13)and L, front pedal(16). Only front pedal needs bolt(15). Foot pedal rubber(14), positioning plate(13), 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.



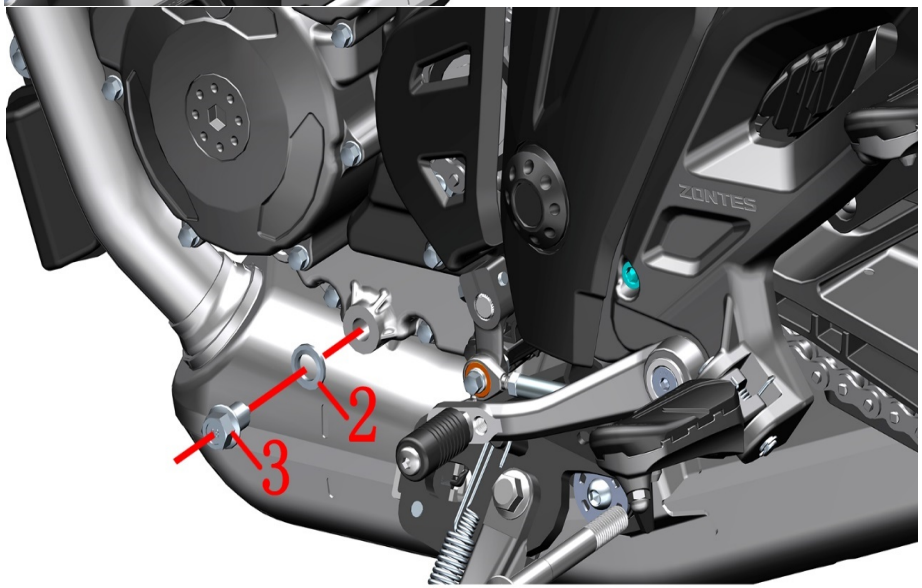


Fig.1 COOLING SYSTEM COMPONENT		Change engine oil	CHK / ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1051161-012000	M24×2 oil filler plug	1	
2	1244100-033000	Combined sealing gasket 12×φ20×2	1	
3	1251100-066093	M12×1.5×15 ablassschraube (color zinc)	1	24±4N.m

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 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.

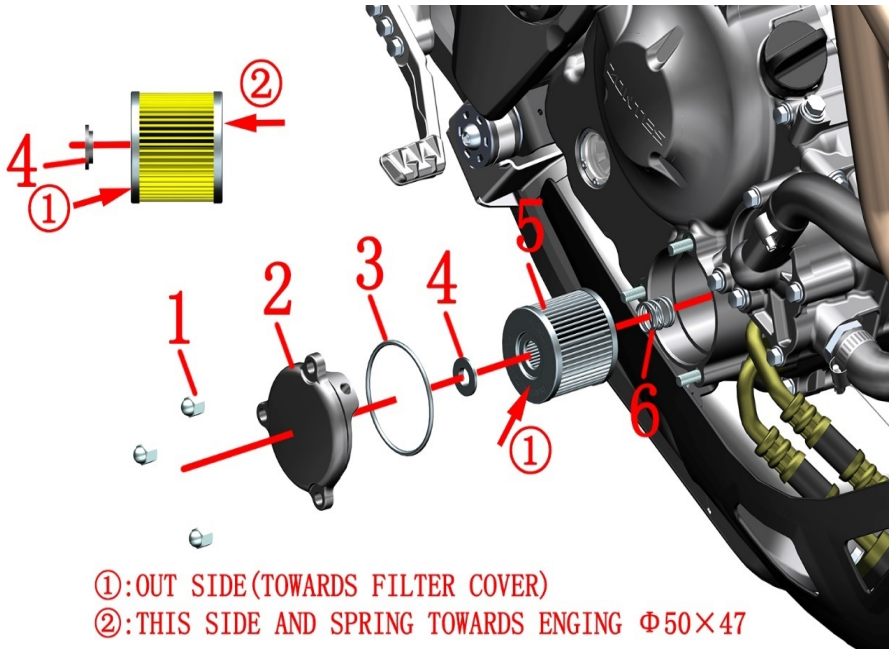


Fig.2 COOLING SYSTEM COMPONENT		Change engine oil filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-096000	Non-standard cover type 9 degree nut M6×13 (environmental color Zinc)	3	12±1.5N.m
2	4050454-014051	ZT180MN fine filter cover A (dark gray)	1	
3	1051454-020000	55×2.5 Hydrogenated nitrile 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	
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).

Change the seal ring (4) and O-ring(3) 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) and sealing ring (4) when replacing the filter element.

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

●Note that the seal ring (4) is facing the fine filter with the “OUT SIDE (TOWARDS FILTER COVER)” side. It is forbidden to install reverse or leak.

●The ZT184 refined filter seal component already included oil filter/55×2.5 O-ring (3) and ZT184MN Engine oil refined filter seal ring(4) .

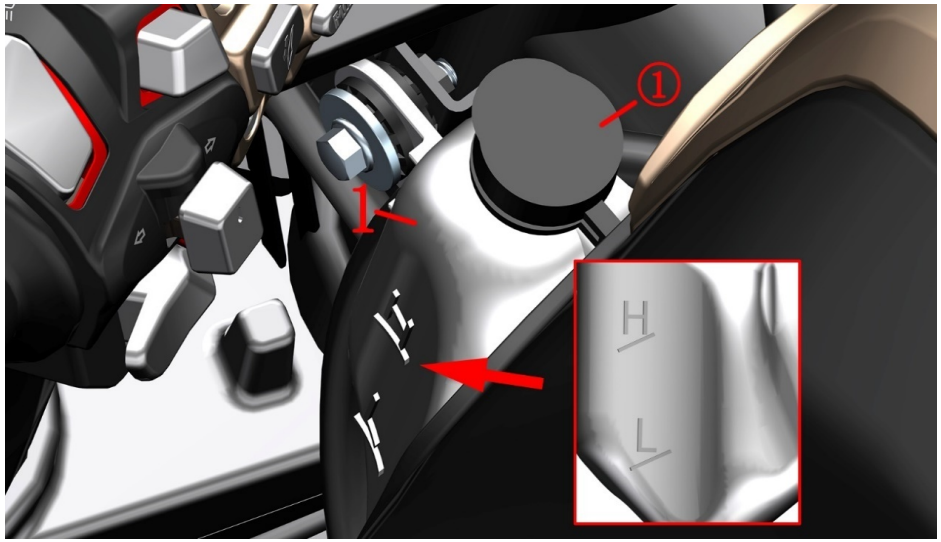


Fig.3 COOLING SYSTEM COMPONENT		Add coolant	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-019000	ZT350－R sub-water tank	1	
2	1051954-016000	TOTAL antifreeze liquid (-35 ° C, 4L)	1	1340ml

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.

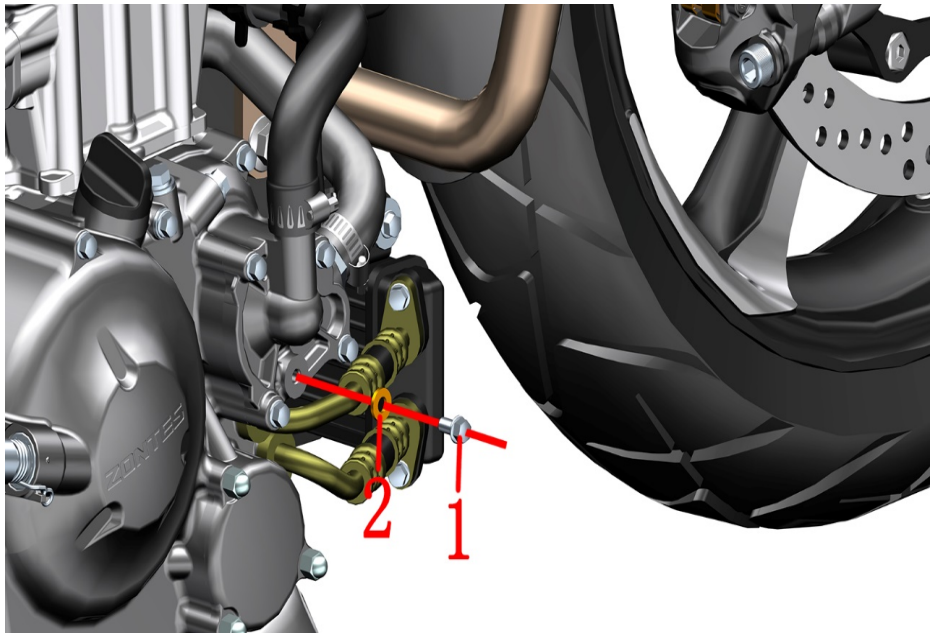
●Swallowing or inhaling cooling liquid would harm human body. Clean thoroughly the hands, face or explosing skin every time after adding cooling liquid. If cooling liquid is swalled by accident, please contact toxication center or hosipital. If it's inhaled, please move to open air. If it's spilt to 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 1340ml.

●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.



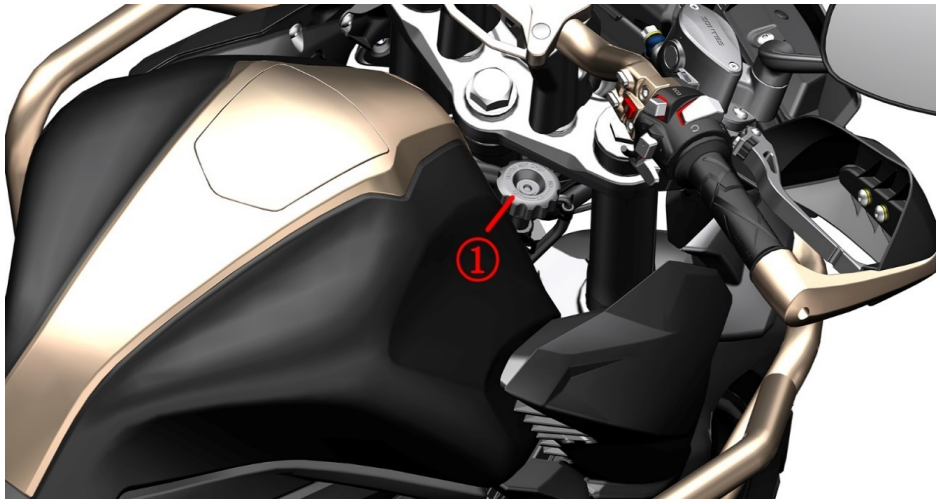


Fig.4 COOLING SYSTEM COMPONENT		Draining cooling liquid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-067093	M6×10 top pin bolt (color zinc)	1	12±1.5N.m
2	1051654-002000	Combination seal 6×13×1.8	1	

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.

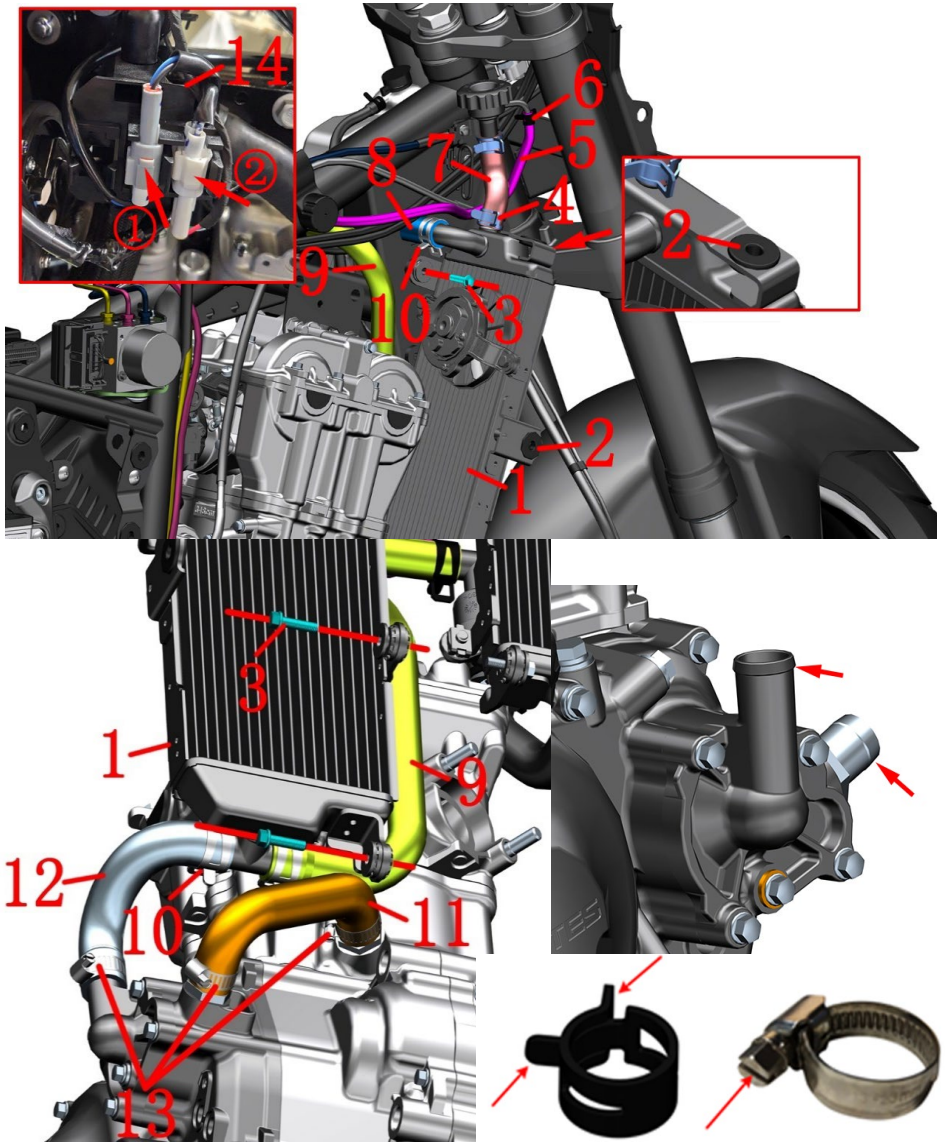


Fig.5 COOLING SYSTEM COMPONENT		Water tank assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-024000	ZT350-R right water tank	1	
2	1244100-002000	ZT250－S Side cover round rubber	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
4	1274200-089000	ZT310 water pipe clamp(φ22)	2	
5	1244300-010000	ZT350-R auxiliary water tank connecting water pipe	1	
6	1274200-079000	ZT310 water pipe clamp(φ9)	1	
7	1244300-009000	ZT350-R water inlet connection water pipe	1	
8	1244200-011000	ZT310-R connecting water pip of left and right water tank	1	
9	1244200-021000	ZT310-R small cyclic water pipe	1	
10	1274200-041000	ZT310 Water pipe clamp (φ26)	3	
11	1244200-012000	ZT310-R water pipe of engine	1	
12	1244200-098000	ZT310-R engine inlet pipe (sliding clutch)	1	
13	1274200-041000	ZT310 Water pipe clamp (φ26)	3	
14	1224300-112000	ZT350－X wheel speed sensor plug holder	1	

PROCEDURE：

●Sub water tank connecting tube

Use a plier to clamp the hoop of water tube (1) and move towards right water tank. After it is off from the connecting tube of sub water tank(5), pull off the tube(5).

●Connecting water pipes of left and right water tanks

Clamp the hoop (10) and move it out of the water pipe joint towards the water tank, and separate the left and right water tank connecting pipes (8) from the right water tank assembly. Separate the small circulating water pipe (9) from the water tank assembly in the same way.

●Right water tank assembly

Clamp the hoop (4) and move it out towards the water inlet connecting pipe (7), and separate the water inlet connecting pipe (7) from the right water tank assembly. Clamp the hoop (10) at the engine water inlet pipe (12), move it out towards the water pipe, and separate the engine water inlet pipe (12) from the right water tank assembly. Unplug the water tank fan connectors ① and ②, remove three bolts (3) with 8# sleeves, and remove the right water tank. Remove two pieces of side cover round glue (2) from the right water tank (1).

●Engine water pipe

Loosen the clamp (13) at both ends of the water pipe (11) with a slotted screwdriver, move it out of the anti detachment boss, pull it off the engine and remove the clamp (13).

Loosen the bolt of clamp (13) with a slotted screwdriver, remove the raised part of the water pipe joint, and pull out the water pipe (13) from the water pipe joint of the right engine box cover.

CAUTION:

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

●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.

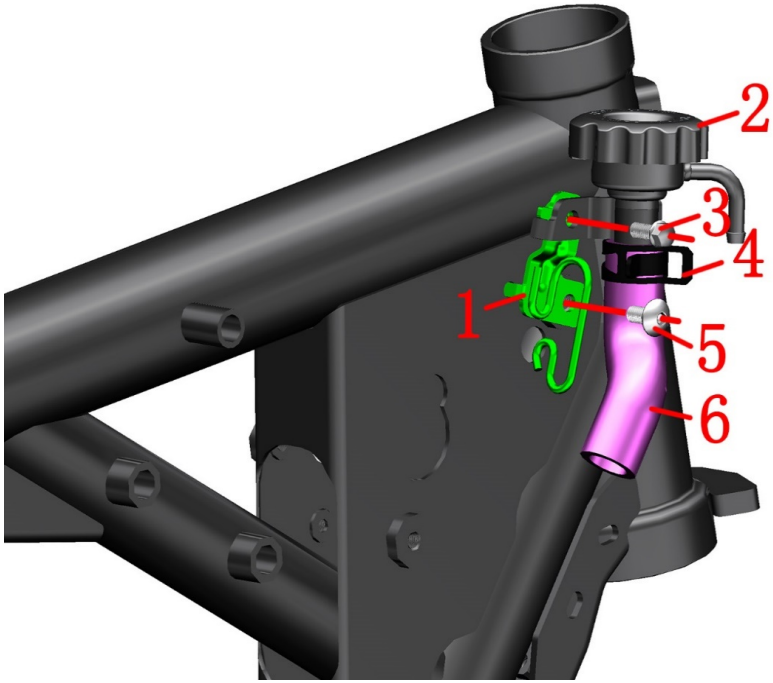


Fig.6 COOLING SYSTEM COMPONENT		Water tank assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
2	1224300-020000	ZT350-R water tank filling port	1	
3	1250104-006097	GB16674M6×12 (chromed/HH)	1	
4	1274200-089000	ZT310 water pipe clamp（φ22）	2	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
6	1244300-009000	ZT350－R water inlet connection water pipe	1	

PROCEDURE：

●Filler assembly

Open the hoop (4) with pliers, take down the connecting water pipe (6) of the water inlet, first remove the bolt (3) fixing the water inlet (2) with 8# sleeve, and take down the water inlet (2) of the water tank. Then remove the bolt (5) with the 4#hexagon socket, open the throttle line fixed by the bracket (1), and remove the fixing bracket (1) of the water inlet.

CAUTION:

●Remove relevant accessories according to "Water tank assembly 1".

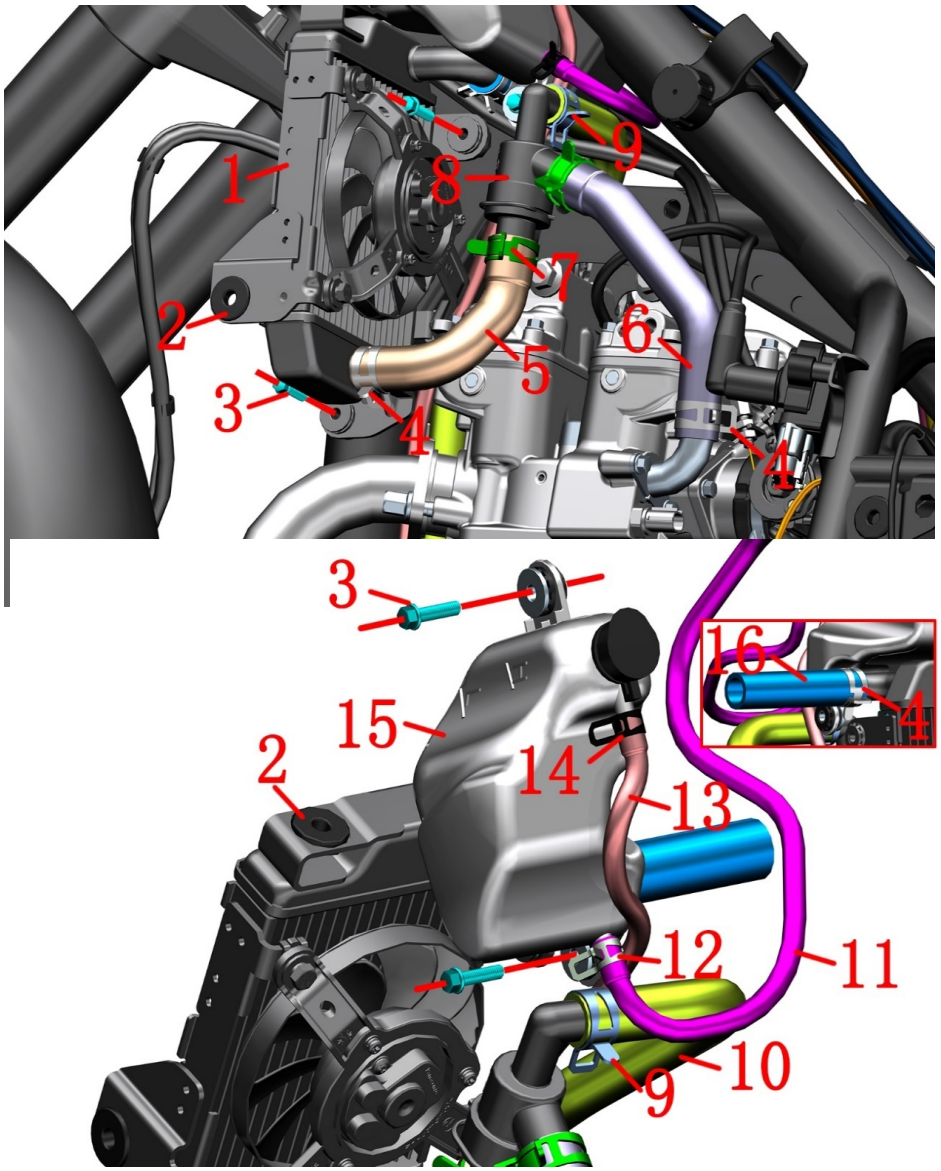


Fig.7 COOLING SYSTEM COMPONENT		Water tank assembly 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-023000	ZT350-R left water tank	1	
2	1244100-002000	ZT250－S Side cover round rubber	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	4	
4	1274200-090000	ZT310 water pipe clamp（φ26）	2	
5	1244200-010000	ZT310－R water inlet pipe of left water tank	1	
6	1244200-001000	ZT310－R water outlet pipe of engine	1	
7	1274200-091000	ZT310 water pipe clamp（φ27）	2	
8	1274200-019000	ZT310－R thermostat	1	
9	1274200-089000	ZT310 water pipe clamp（φ22）	1	
10	1244200-021000	ZT310－R small cyclic water pipe	1	
11	1244300-010000	ZT350-R auxiliary water tank connecting water pipe	1	
12	1274200-088000	ZT310 water pipe clamp（φ10.5）	1	
13	1244200-025000	ZT310－R water leaking pipe of vice water tank	1	
14	1274200-079000	ZT310 water pipe clamp（φ9）	1	
15	1224300-019000	ZT350-R auxiliary water tank	1	
16	1244200-011000	ZT310－R connecting water pip of left and right water tank	1	

PROCEDURE：

●Auxiliary water tank assembly

Hold the auxiliary water tank assembly, remove two bolts (3) with 8# sleeves, and remove the auxiliary water tank assembly. Then remove the hoop (12) and hoop (14) from the auxiliary water tank (13), and remove the connecting water pipe (11) and water leakage pipe (14) of the auxiliary water tank respectively.

●Thermostat

Loosen the two holding clamps (7) with pliers, pull out the water inlet pipe (5) of the left water tank and the water outlet pipe (6) of the engine from the thermostat, then loosen the clamp (9), pull out the small circulating water pipe and remove the thermostat.

●Left water tank assembly

Pull off the clamp (4) and clamp (4), and take away the water inlet pipe (5) of the water tank and the connecting water pipe (16) of the left and right water tanks respectively. Then hold the left water tank (1) with one hand and remove the two bolts (3) fixing the left water tank with 8# sleeve with the other hand. Remove the left water tank (1) and remove the two side cover round glue from the left water tank.

CAUTION:

●Cooling liquid is toxic. Avoid strictly eye or skin contact. More details in "Attention" of previous page.

●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.

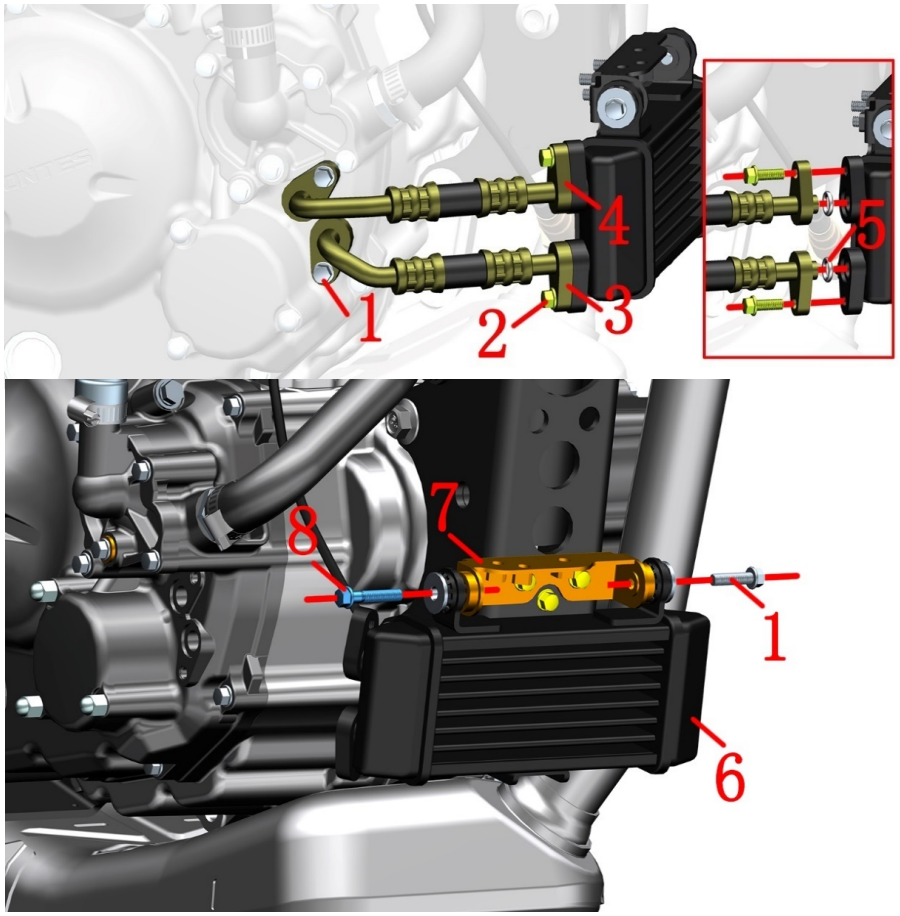


Fig.8 COOLING SYSTEM COMPONENT		Oil cooler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
2	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
3	1244300-007000	ZT350－GK oil outlet pipe of engine	1	
4	1244300-008000	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.

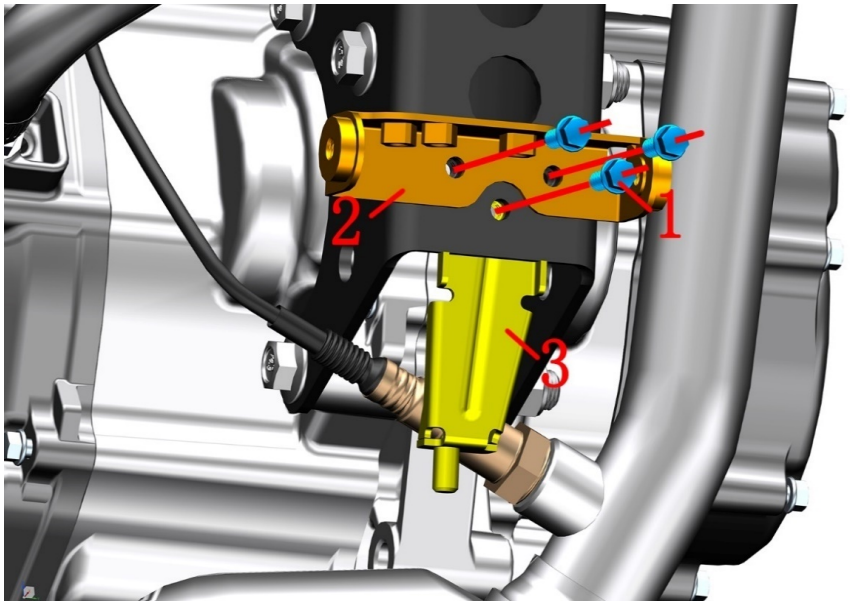


Fig.9 COOLING SYSTEM COMPONENT		Oil cooler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hex flange bolt(environmental color zinc)	3	
2	1274300-036000	ZT350－R upper bracket of oil cooler	1	
3	1274300-037000	ZT350－R lower bracket of oil cooler	1	

PROCEDURE:

●Oil cooler bracket

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

CAUTION:

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

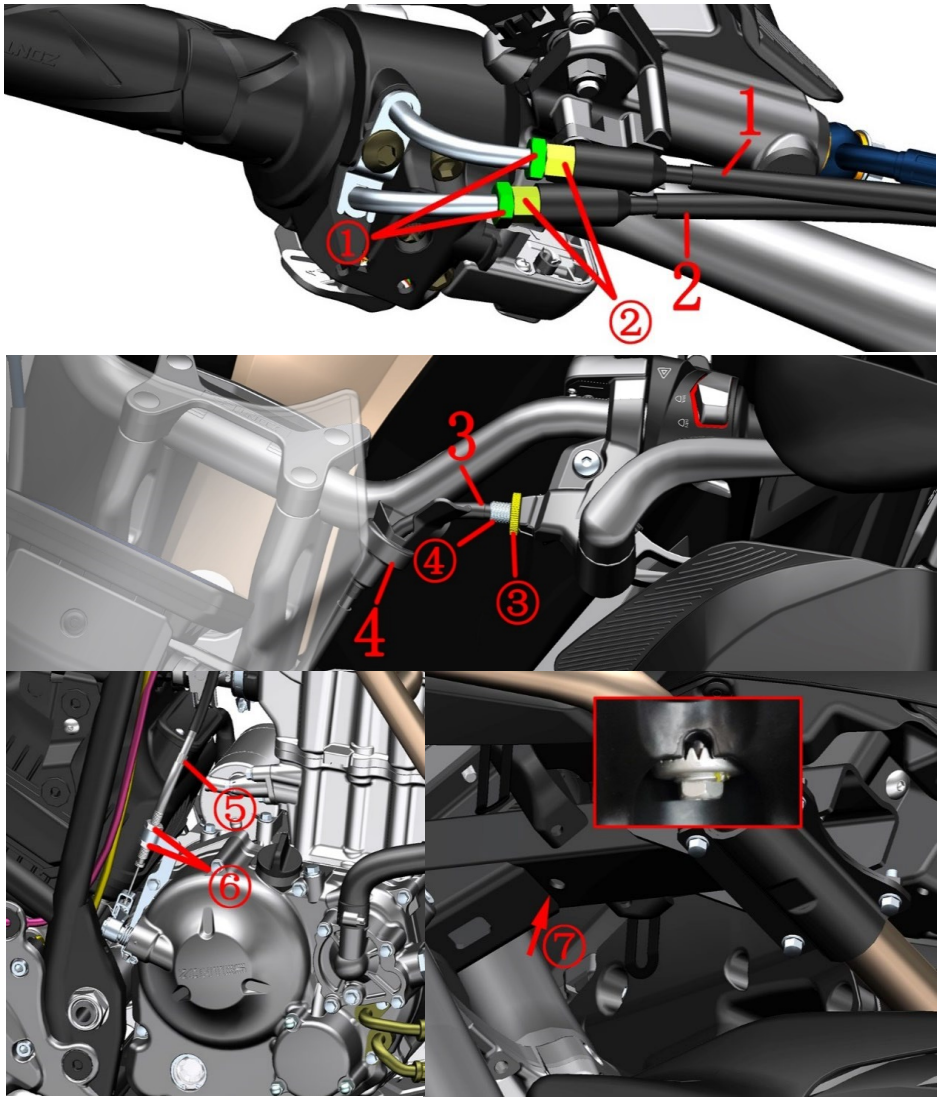


Fig.1 FRONT FORK COMPONENT		Throttle/clutch cable clearance adjustmen, light height adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1154300-004000	ZT350-X throttle refueling cable	1	
2	1154300-005000	ZT350-X throttle return cable	1	
3	1154300-007000	ZT350-X clutch cable	1	
4	1244200-046000	ZT310-V 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.

●Light beam height adjustment

The driver sits on the vehicle and straightens the vehicle. Another person inserts a pH2 cross screwdriver (diameter 6mm) into the hole ⑦ at the bottom of the front end of the frame, aligns the adjusting bolt, rotates clockwise to increase, and counterclockwise to decrease the beam height.

CAUTION:

●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.

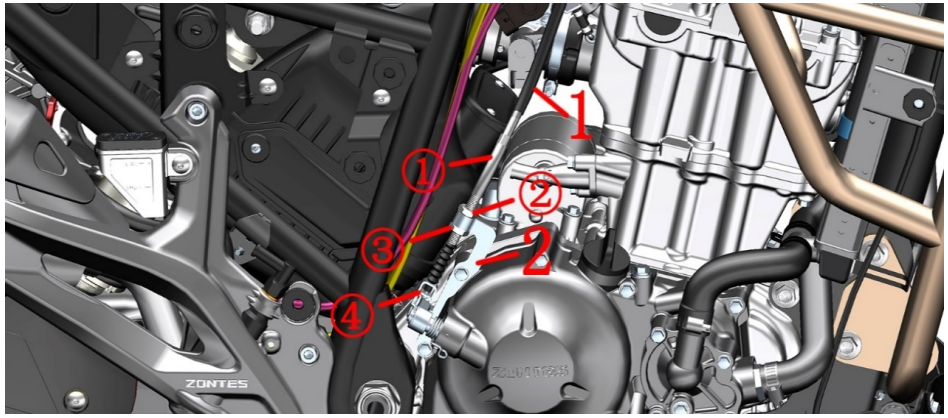
●The clutch adjustment should be noted as follows:

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.

●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.



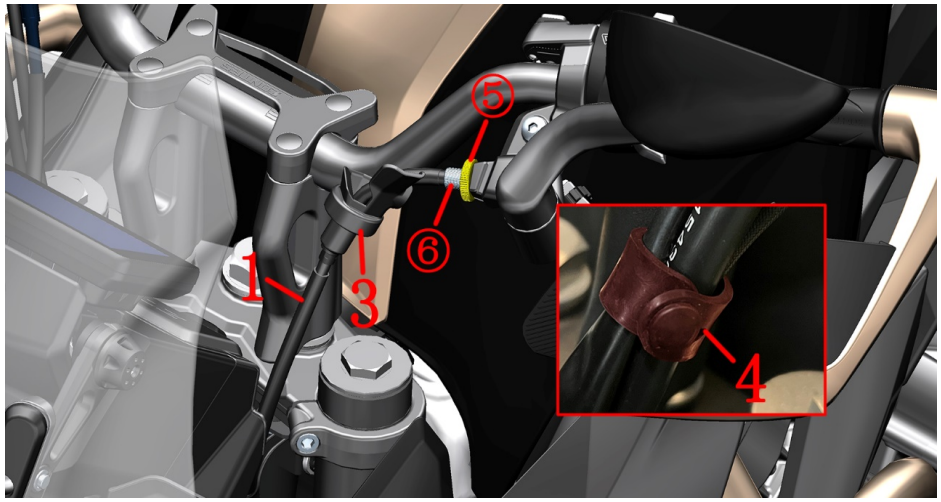


Fig.2 FRONT FORK COMPONENT		Replacement clutch cable	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1154300-007000	ZT350-X clutch cable	1	
2	1051354-008000	ZT180MN clutch cable bracket	1	
3	1244200-046000	ZT310-V clutch line sheath	1	
4	1244300-023000	ZT310 rubber buckle (50mm)	1	

PROCEDURE:

●Remove the cluch cable

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 bracket④, close the nut ③ to the black sheath with one hand, and remove the adjustment screw ① from the bracket (2) with one hand.

Untie the rubber buckle at the cushion block of the vehicle direction handle, retreat the protective rubber sleeve (3) to the bending position, and loosen the nut(5) with pliers; Turn the slot of nut ⑤ and adjusting screw ⑥ to the same position as the slot 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 (1).

●Install the clutch line

Put protective rubber sleeve (3) into clutch elbow.

After inserting the clutch line joint into the rocker arm, screw the nut⑤ and the adjusting screw ⑥ 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 (2) with one hand.

Insert the clutch core connector into the hole of the bracket ④.

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

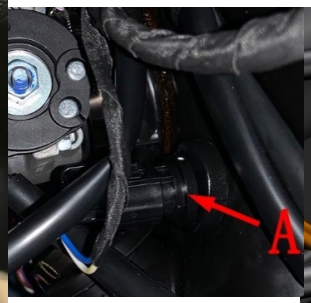
Finally, reset the protective rubber sleeve (3).

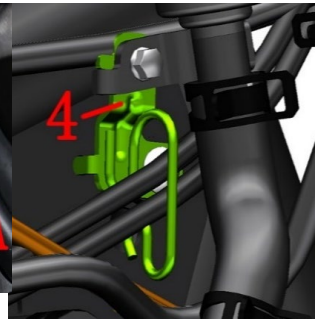
CAUTION:

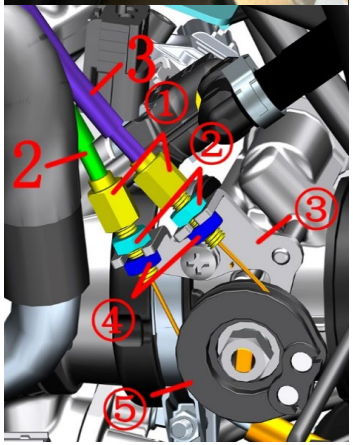
●The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.

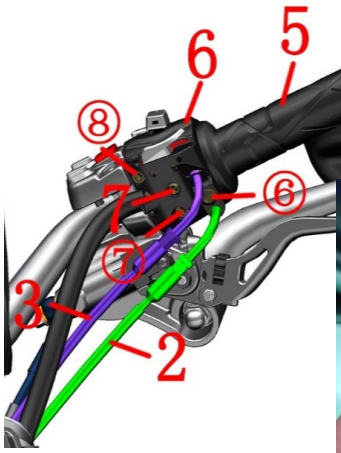
●Before replacing the clutch line, it is necessary to disassemble the seat cushion, fuel tank, liner, side cover, etc.

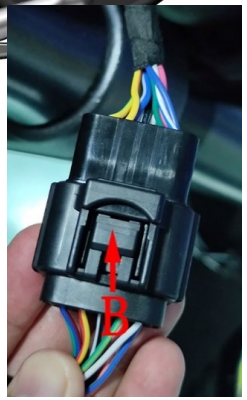


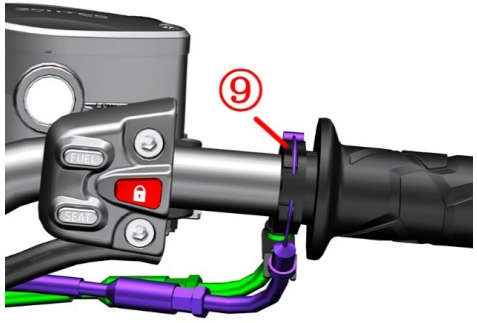












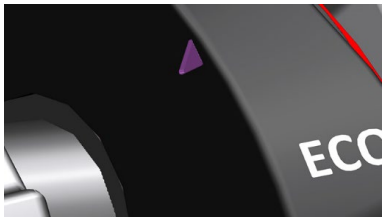


Fig.3 FRONT FORK COMPONENT		Replace the throttle cable	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-023000	ZT310 rubber buckle (50mm)	1	
2	1154300-004000	ZT350-X throttle refueling cable	1	
3	1154300-005000	ZT350-X throttle return cable	1	
4	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
5	1244100-042000	ZT250－R right handle bar rubber sleeve	1	
6	1184200-140000	ZT310－X1 Right Handle Switch	1	
7	1251100-219000	Cross ball screw M5×30	1	After-sales

PROCEDURE:

●Disassemble the throttle cable

First untie the tie 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 accelerator oil 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 oil return line (3), remove the cylindrical joint from the rotary table, and then move the adjusting pipe of the oil return line (3) upward, over the bracket ③ on the throttle valve, and then pull it out. Put the throttle cable through the gap of the head fixing bracket (4).

Hold the right-hand handle switch (6) by hand, remove the bolts ⑥, ⑦ and ⑧ with 5# hexagon socket, and then remove the bolts (7) with a cross screwdriver. Separate the upper and lower parts of the handle switch. Pay attention to wiring during reassembly and do not press the cable.Remove the throttle cable from the handle core rotary table ⑨ of the right-hand rubber sleeve (5), and finally from the cable hole at the lower part of the switch.

●Install throttle cable

First, thread the throttle cable into the cable hole at the lower part of the switch. Install the cylindrical joint of the throttle line into the handle core rotary table ⑨ of the right-hand handle rubber sleeve (5). Clamp the oil return line into the limit groove on the oil filling line, and lock the bolt ⑥ with 5# hexagon socket tool with a torque of 8 ~ 10N.m.After the installation hole of the switch 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 the bolt ⑧. Reset the auxiliary switch and rocker arm assembly, and pay attention to align the symbols on the switch.

Install the throttle cable into the slot of the head fixing bracket (4).

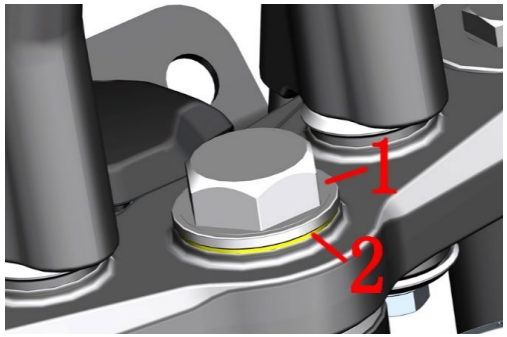
Screw the nut ② of accelerator oil filling line (2) or oil return line (3) up to the bottom with the open hand, and screw the nut ④ down out of the adjusting pipe ①. Put the oil return line into the support ③, and then put the joint into the rotary table ⑤. Put the oil filling line into the support ③, and then put the rotary table ⑤ at a certain angle, and then put the joint in.

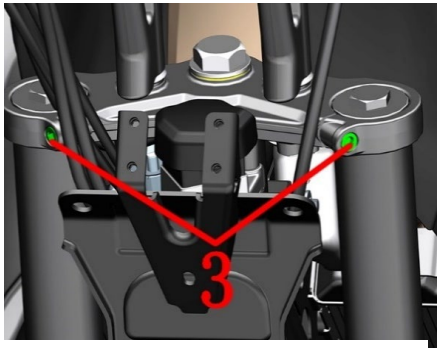
Adjust the throttle cable clearance according to the method of adjusting the clearance; The idle speed should not change and reset flexibly when turning the steering handle left and right after adjustment.

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).





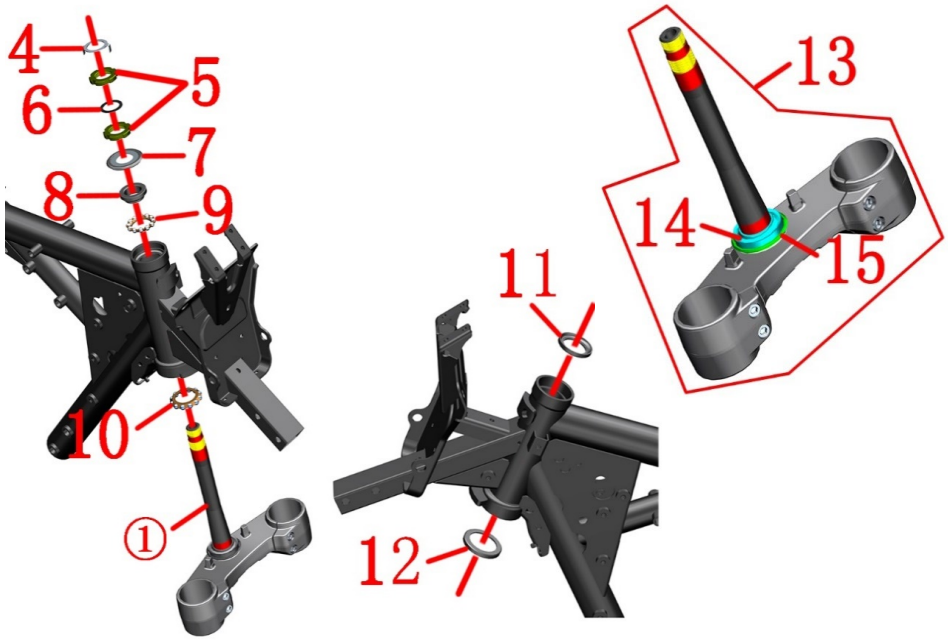


Fig.4 FRONT FORK COMPONENT		Steering adjustment	CHK / ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-088000	ZT350-R Upper connecting plate decorative nut M22×1	1	100N.m
2	1274200-018000	ZT310-R gasket of upper connecting board	1	
3	1250205-034093	GB70.1 inner hexagonal M8×30 (color Zinc)	2	25N.m
4	1134100-007000	ZT250-S Adjusting nut locking washer	1	
5	1251300-046093	ZT250-S direction column adjusting screw nut M24×1 (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 upper bead top	1	
9	1130900-022000	ZT250－S upper connect iron 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 connection Board (with bead top)	1	
14	1134300-003000	ZT350-R lower shaft ring	1	After-sales
15	1244300-015000	ZT350-R dust cap(down)	1	After-sales

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.

●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.

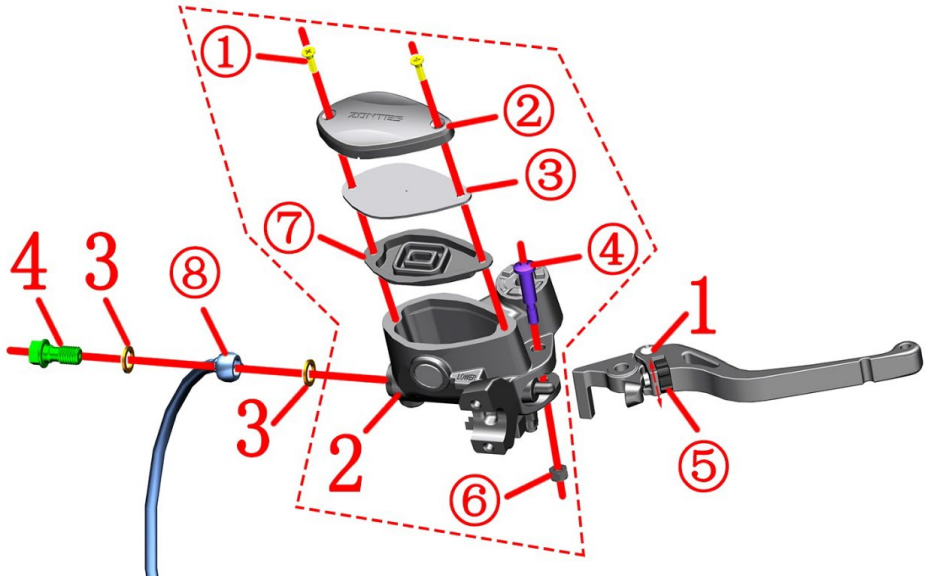


Fig.5 FRONT FORK COMPONENT		Add brake fluid, rocker adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-833000	ZT350-GK front brake lever (machine addition)	1	
2	1100100-831000	ZT350-GK front disc main pump assembly（φ14）	1	
3	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	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.

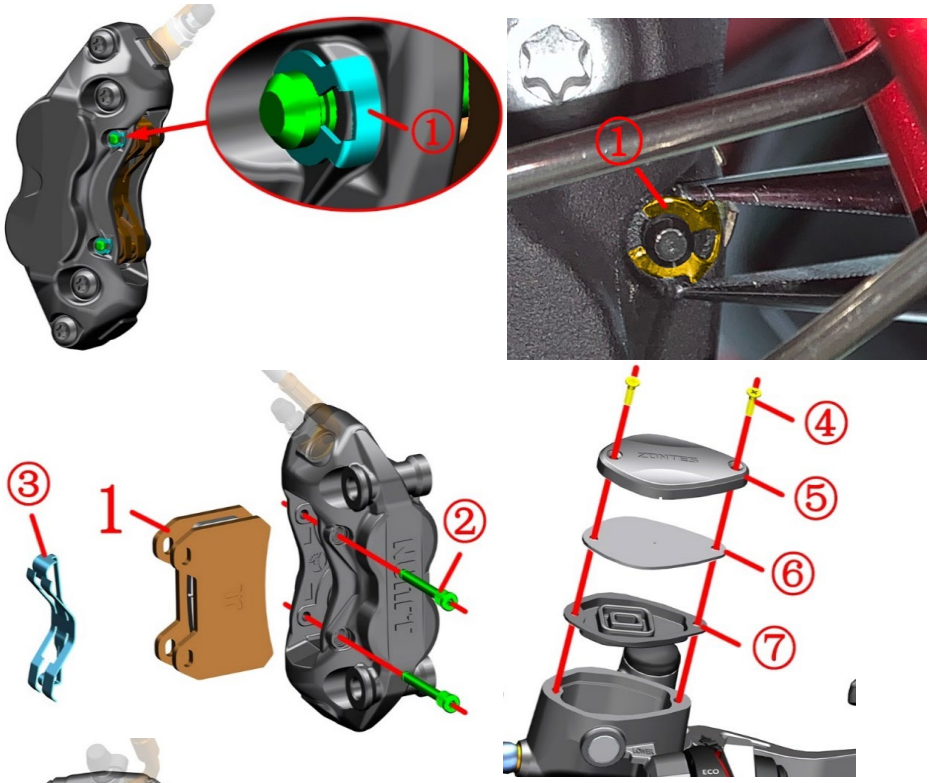


Fig.6 FRONT FORK COMPONENT		Replace the front brake pads	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-827000	ZT350-GK front radial caliper brake pad	1	After-sales

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.

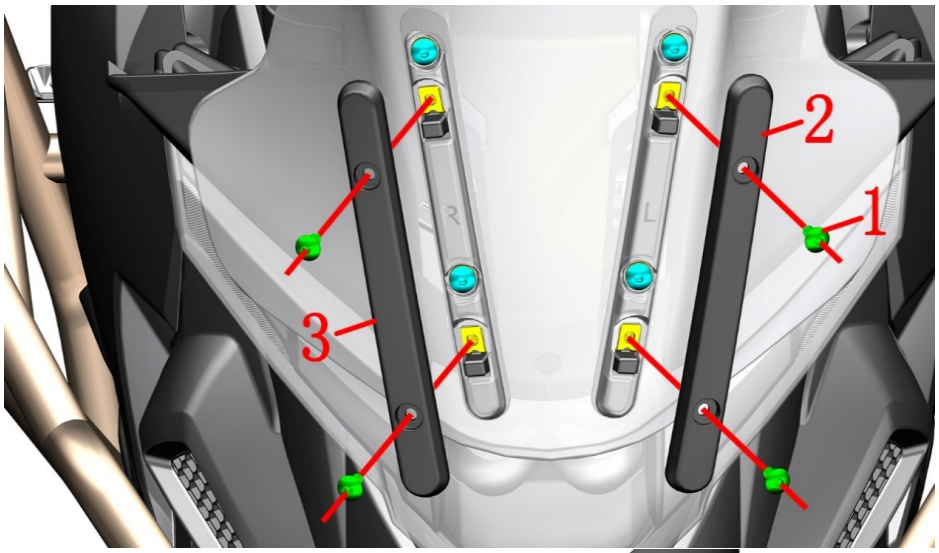
●Check the brake discs and brake discs regularly for wear. Regularly check if the brake fluid level in the observation window of the front disc brake master pump is 3/4.

●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.



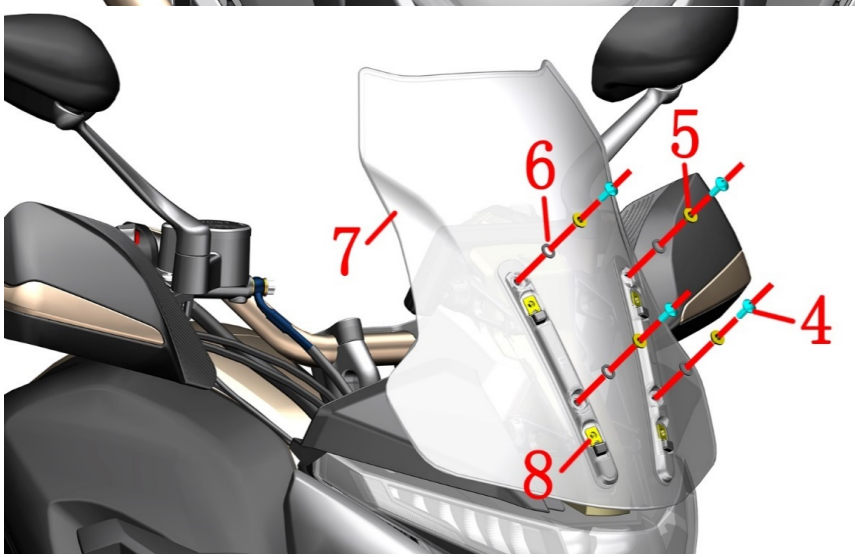


Fig.7 FRONT FORK COMPONENT		Windshield component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
2	1224200-072000	ZT310-T windshield left decorative cover	1	
3	1224200-073000	ZT310-T windshield right decorative cover	1	
4	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
5	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	4	
6	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	4	
7	1224200-071000	ZT310-T windshield	1	
8	1251300-063093	Splint M6×11×15 (environmental color)	4	

PROCEDURE:

●Windshield decorative cover

Remove 4 bolts(1) with 4# hexagon socket, and remove the left decorative cover(2) and the right decorative cover (3).

●Windshield

Hold the windshield(7) firmly with one hand, remove four bolts(4) with 4# inner hexagon with the other hand, and remove the flanging bushing(5) and buffer rubber(6); Remove and place the windshield assembly. Remove 4 clamp nuts(8).

CAUTION:

●The vehicle support should be fixed during the disassembly process to prevent accidents caused by dumping.

●The windshield is easy to be scratched and must be protected.

●When reassembling, pay attention to the torque of the bolts should not be too large to avoid damage to the windshield.

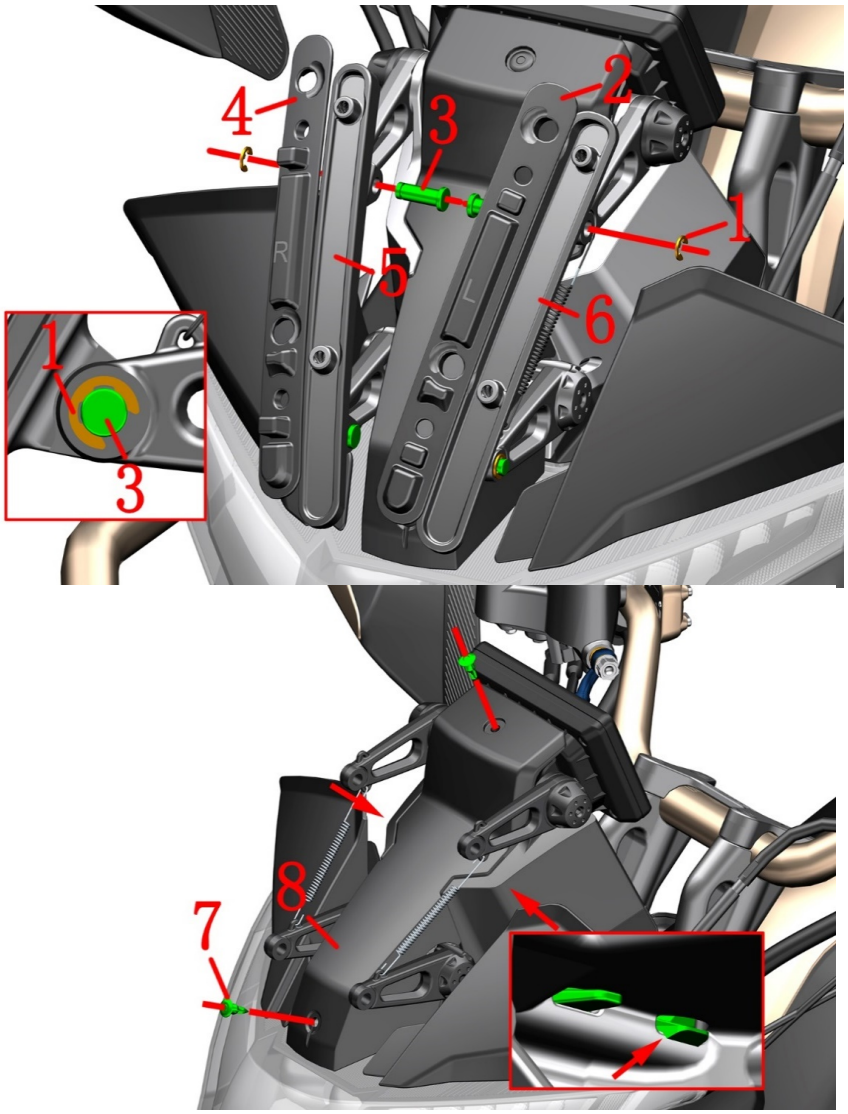


Fig.8 FRONT FORK COMPONENT		Windshield component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1264100-006000	ZT250-S pedal circlip	4	
2	1244200-048000	ZT310-T windshield left buffer rubber	1	
3	1274200-030000	ZT310-X windshield lower pressing block rotating shaft	4	
4	1244200-089000	ZT310-T windshield right buffer rubber	1	
5	4024200-076051	ZT310-T windshield left bracket(dark gray matte)	1	
6	4024200-077051	ZT310-T windshield right bracket(dark gray matte)	1	
7	1224100-010000	ZT250-S swell nail	2	
8	1224200-142000	ZT310-T1 hood middle decorative cover	1	

PROCEDURE:

● Windshield buffer rubber

First remove the left side of the windshield cushion rubber (2) and the right side buffer rubber (4).

● Windshield bracket

First remove the circlip (1) on the left side of the vehicle, remove the rotating shaft (3), and remove the left bracket (5). Remove the right bracket (6) in the same way.

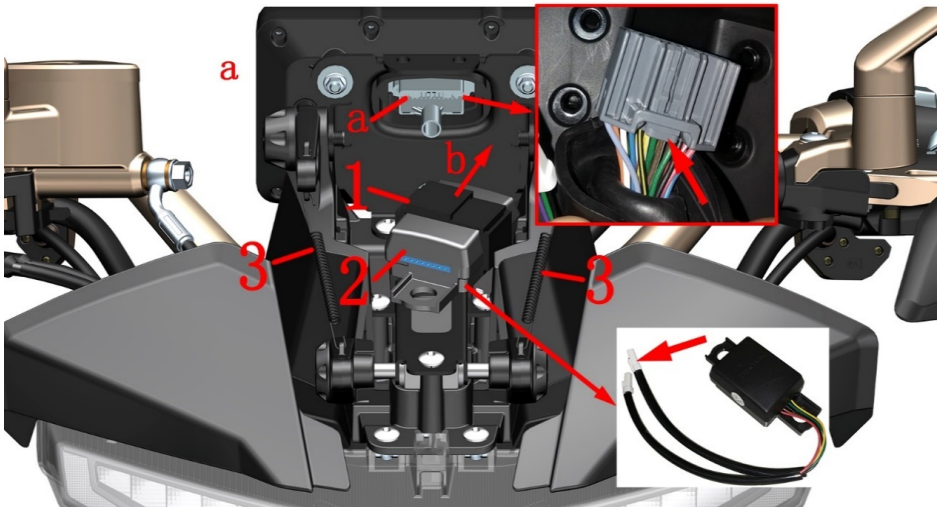
● The middle cover of the hood

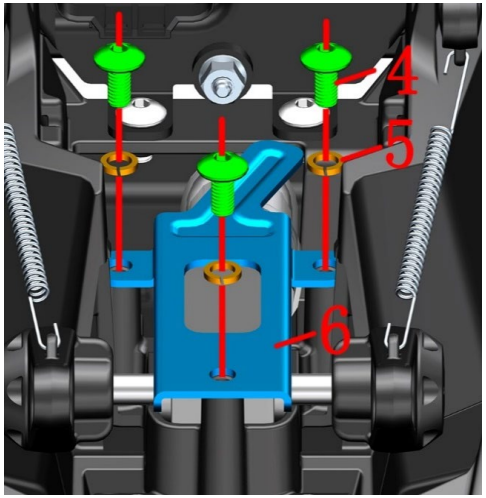
Use a small Phillips screwdriver to push down the center of the swell nail (7) and remove the swell nail . Remove the middle cover (8) of the hood.

CAUTION:

● The vehicle support should be fixed during the disassembly process to prevent accidents caused by dumping.

● Small circlips need to be properly kept.





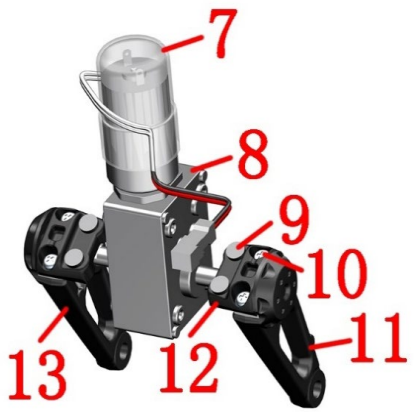


Fig.9 FRONT FORK COMPONENT		Windshield motor component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244200-073000	ZT310-T windshield controller rubber sleeve	1	
2	1186200-016000	ZT310T-M windshield motor controller(limited time)	1	
3	1260100-218000	ZT310-T head cover rocker extension spring	2	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
5	1250501-010000	GB93φ6 spring pad	3	
6	1274200-137000	ZT310-T motor pressure plate	1	
7	1244200-074000	ZT310-T windshield motor sheath	1	
8	1184200-074000	ZT310-T windshield motor	1	
9	1244200-075000	ZT310-T windshield front rocker buffer rubber	4	
10	1250201-046000	GB818 cross recessed pan head screw M4×16	4	
11	4024200-080051	ZT310-T lower right rocker of head cover	1	
12	4024200-081051	ZT310-T mounting plate of head cover	2	
13	4024200-079051	ZT310-T lower left rocker of head cover	1	

PROCEDURE：

●Windshield motor controller component

First turn the black protective rubber sleeve of the instrument cable connector at a downward to expose the connector, and press the limit buckle down and unplug the connector. Locate and unplug the controller and the windshield motor.

Remove the windshield motor controller component in the direction indicated by arrow b; remove the rubber sleeve (1) from the motor controller (2).

Remove the tension spring (3) with pliers.

●Wind block motor pressure plate

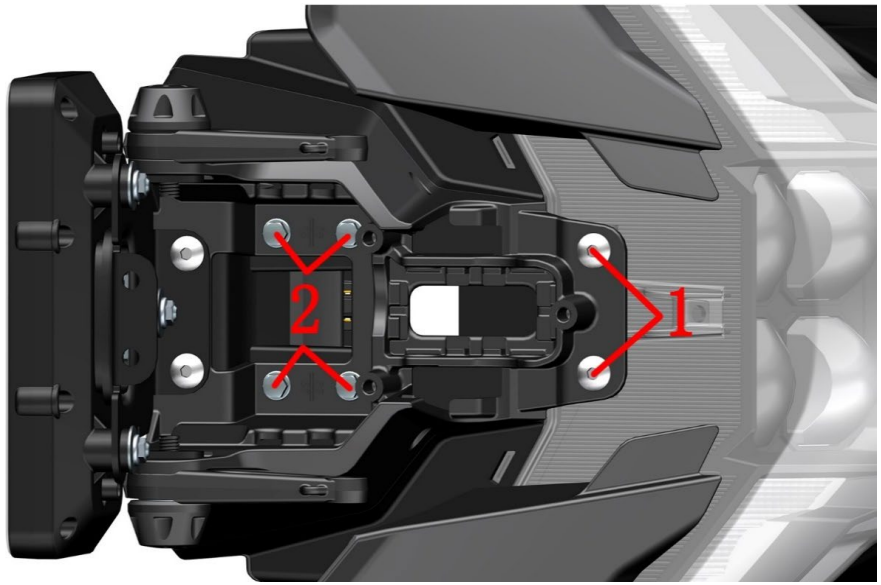
Remove 3 bolts (4) with 4# hexagon socket, remove 3 spring pads (5) and then remove the motor pressing plate (6). Finally, remove the windshield motor assembly.

●Wind gear motor assembly

Remove the windshield motor sheath (7). Remove the four bolts (10) with a cross screwdriver, open the rocker arm pressure block (12), and then remove the four rocker arm buffer glue (9), and separate the left lower rocker arm (13), the windshield motor (8) and the right lower rocker arm (11).

CAUTION:

●When pulling out the plug, it is strictly forbidden to pull the cable directly. When assembling, the cable should not be bent or entangled excessively, and the parts should be prevented from directly pressing the cable.



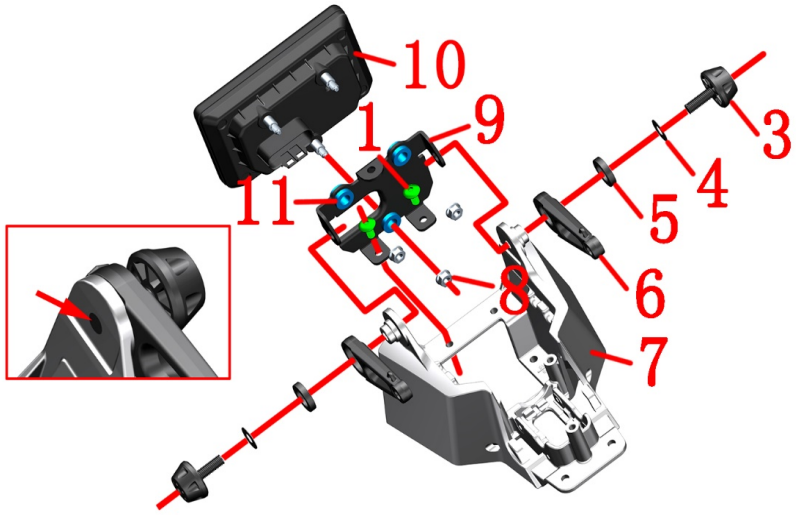


Fig.10 FRONT FORK COMPONENT		Head cover aluminum bracket, instrument component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
2	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	4	
3	1224200-093000	ZT310-T head cover on rocker arm decorative block	2	
4	1274200-136000	ZT310-T head cover upper rocker gasket	2	
5	1250601-093000	6802 deep groove ball bearing	2	
6	4024200-078051	ZT310－T Windshield Rocker (Dark Gray Matte)	2	
7	1274200-115000	ZT310-T head cover aluminum bracket	1	
8	1250303-010093	GB6177.1M6 (environmental color)	3	
9	1274200-155000	ZT310-T1 instrument bracket	1	
10	1164300-004000	ZT350-X/T universal TFT instrument(17 inch)	1	17 inch special
	1164300-005000	ZT350-T universal TFT instrument(19 inch)	1	19 inch special
11	1244200-092000	ZT310TFT gauge rubber cushion	2	

PROCEDURE:

●Hood aluminum bracket and instrument assembly

Unplug the plug of the instrument, remove 2 bolts (1) with 4# socket, remove 4 bolts (2) with 8# sleeve, and then remove the aluminum bracket of the head cover and the instrument assembly together. Be careful not to pull the instrument cable and windshield controller cable.

●Windshield rocker arm assembly

Remove the upper rocker arm trim block (3) with 4# hexagon socket tool and remove the gasket (4). Remove the windshield rocker arm assembly from the head cover aluminum support (7). Separate the windshield rocker arm (6) from the bearing (5).

●Instrumentation components

Remove two bolts (1) and remove the meter and bracket component from the hood aluminum bracket (7).

Remove three nuts (8) and remove the meter (10) from the meter bracket (9). Remove the buffer rubber (11) from the instrument bracket.

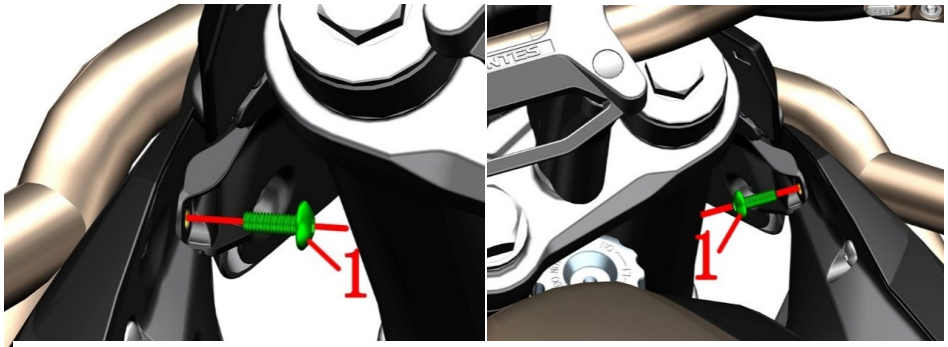
CAUTION:

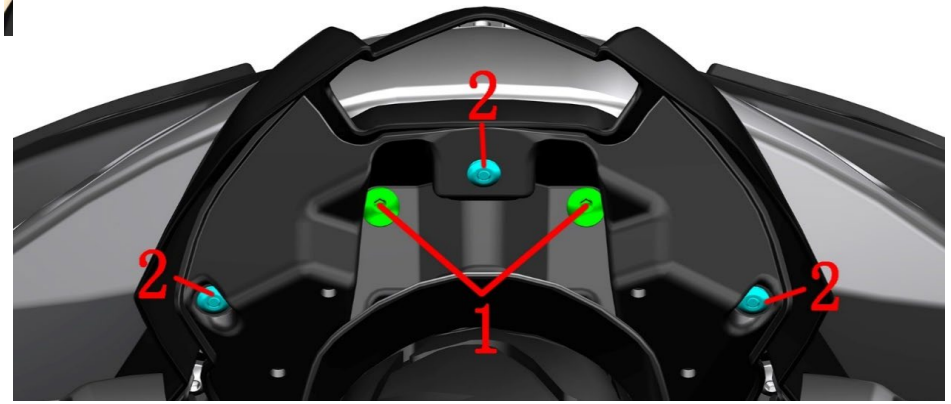
●Remove the windshield assembly and windshield motor assembly first.

●The vehicle support should be fixed during the disassembly process to prevent accidents caused by dumping.

●Both end faces a of the aluminum cover of the head cover should be greased to reduce the resistance.

●If only the instrument and the bracket assembly are removed, the threaded part of the upper rocker trim block should be unscrewed until the end face of the thread is flush with the inner end surface of the aluminum cover of the hood.





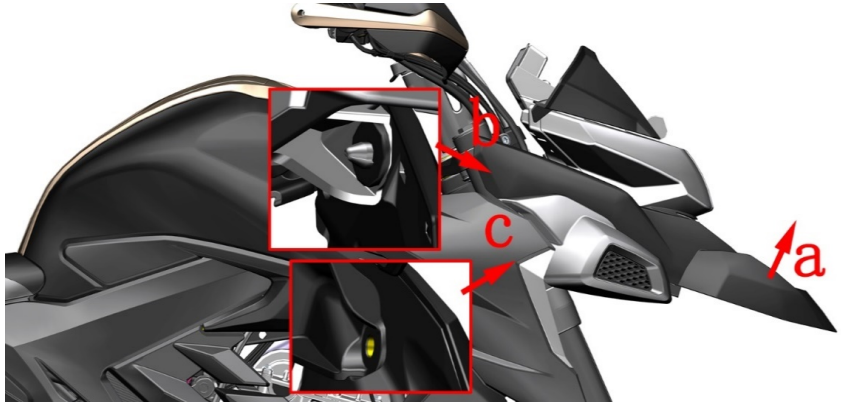


Fig.11 FRONT FORK COMPONENT		Front fender upper component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1224100-010000	ZT250-S expansion nail	3	

PROCEDURE：

●Front fender upper component

Remove two bolts (1) on the left and right sides of the connection between the front mud plate and the rear shell of the fuel tank trim cover with 4# inner hexagon.

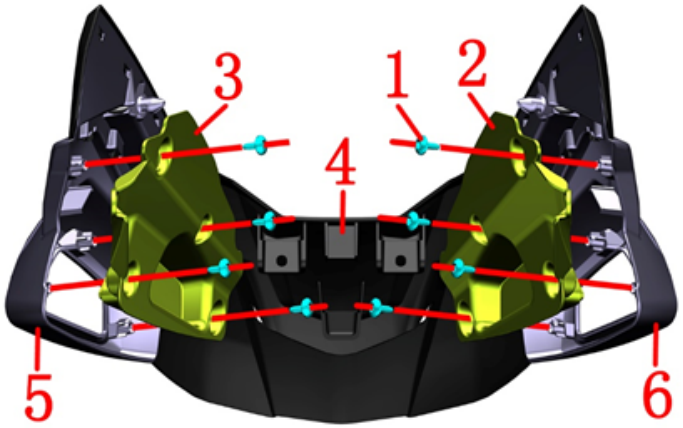
Remove three expansion screws (2) on the back of the front mud plate and remove the 2 bolts (1).

After pulling the fuel tank trim cover on both sides of c to the outside car, pull out the staples at b; finally, remove the front fender plate assembly from the upper side.

CAUTION:

●The vehicle support should be fixed during the disassembly process to prevent accidents caused by dumping.

●When disassembling, pay attention to the direction and strength of force to prevent damage or scratching of the material.



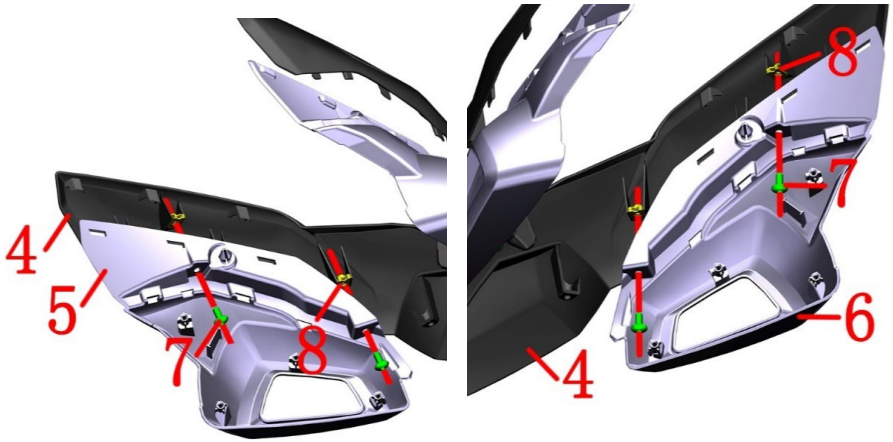


Fig.12 FRONT FORK COMPONENT		Front fender upper component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251200-033093	Non-standard self-Tapping bolt ST4.2×12	8	
2	1224200-081000	ZT310-T front fender right decorative cover bottom plate	1	
3	1224200-080000	ZT310-T front fender left cover bottom plate	1	
4		ZT310-T special black front fender	1	
5	4044201-109051	ZT310-T dark gray front fender left decorative cover	1	
6	4044201-110051	ZT310-T dark gray front fender right decorative cover	1	
7	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
8	1251300-063093	Plywood M6×11×15(color Zinc)	4	

PROCEDURE:

●Front fender upper component

Remove the 8 self tapping screws (1) on the inner side of the upper assembly of the front fender with 5# hexagon socket, and remove the bottom plate (3) of the left trim cover and the bottom plate (2) of the right trim cover of the front fender.

Turn over to the back, remove the four bolts (7) respectively, and remove the left and right decorative covers (5) and (6) of the front mudboard from the upper part (4) of the front mudboard.

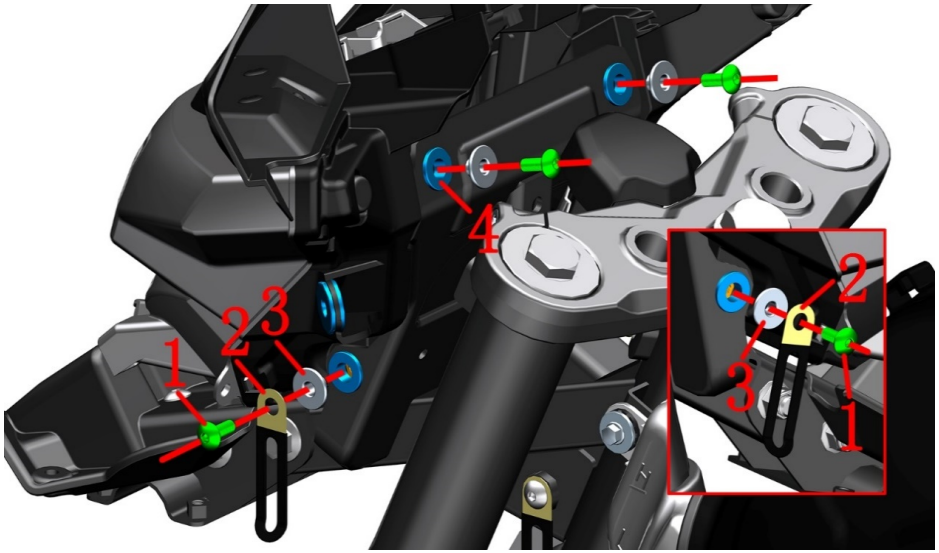
Remove four clamp nuts (8) from the upper part (4) of the front mud plate.

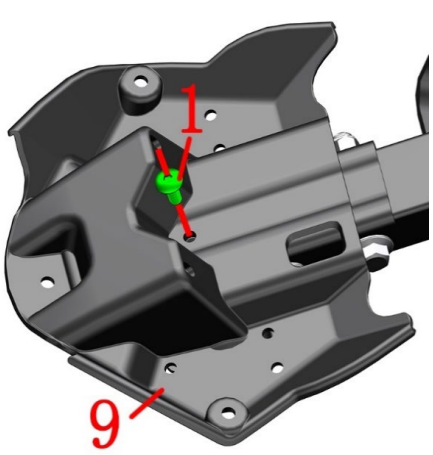
CAUTION:

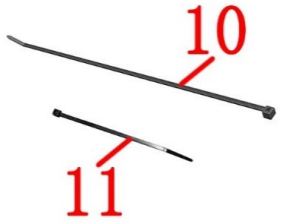
●When disassembling, pay attention to the direction and strength of force to prevent damage or scratching of the material.

●It is recommended to place a layer of soft non-woven fabric before placing the front fender assembly.

●The self-tapping screws must be perpendicular to the mounting surface before assembly to start tightening, and the torque should not exceed 2.5N.m to prevent damage to the parts.







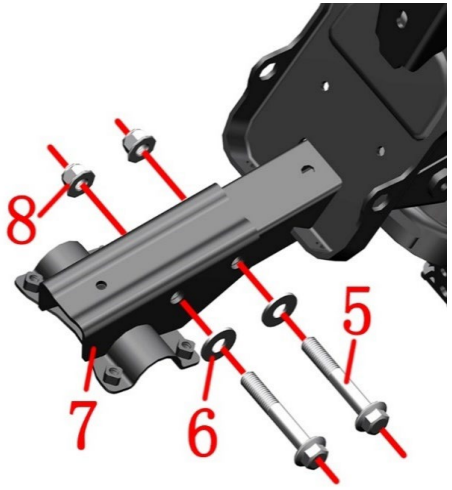


Fig.13 FRONT FORK COMPONENT		Headlamp assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
2	1270300-273000	φ8 clip(L=73)	3	
3	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	4	
4	1244100-004000	ZT250－S Flanging bushing buffer	4	
5	1251100-084093	Non-standard bolts M10×1.5×66(dacromet)	2	
6	1251500-007091	Non-standard flat mat φ10.5×φ24×2（White zinc）	2	
7	4024200-028000	ZT310-T guard bar mounting bracket	1	
8	1251300-057093	Non-standard nut M10×1.5(dacromet)	2	65±5N.m
9	1224200-079000	ZT310-T front fender back board	1	
10	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	2	
11	1224100-051000	0 level fire-retardant belting （black2.5×100）	2	

PROCEDURE：

●Headlight component

First straighten the two wire clamps (2). One person holds the headlamp assembly; Another person uses 4# inner hexagon to remove the bolts (1) on the left and right sides respectively, take off the clamp (2) and flanging bushing (3), pull out the headlamp assembly slightly, and then pull out the headlamp cable connector. When placing the headlamp assembly, it is recommended to pad the soft non-woven fabric first to prevent scratching the lampshade. Remove 4 pieces of buffer rubber (4) from the frame.

●Front fender back board

Cut or remove the tie (10) and tie (11) and remove the cable. Remove the bolt (1) with 4# hexagon socket and remove the back plate (9) of the front mudboard.

●Support bracket on the guard bar

Fix the bolt (5) with 14# sleeve, and then remove the nut (8) with 15# sleeve. Remove bolt (5) and gasket (6). Finally, remove the mounting bracket (7) on the guard bar.

CAUTION:

●When disassembling, pay attention to the direction and strength of force to prevent damage or scratching of the material.

●It is strictly forbidden to pull the cable directly. When assembling, the cable should not be bent or entangled excessively.

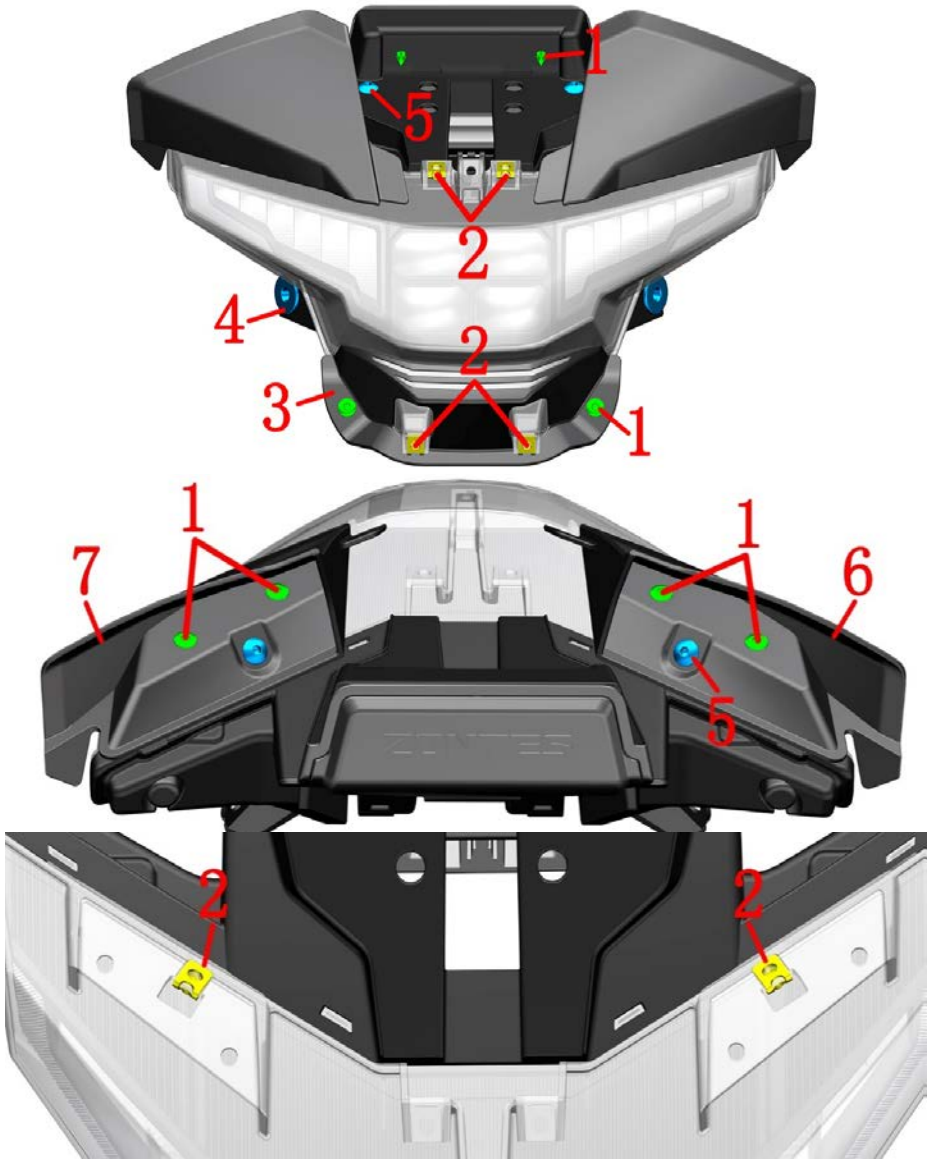


Fig.14 FRONT FORK COMPONENT		Headlamp assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	8	
2	1251300-063093	Plywood M6×11×15(color Zinc)	6	
3	1020442-048000	ZT310-T headlight front trim cover	1	
4	1244100-002000	ZT250－S Side cover round rubber	2	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
6	1224200-075000	ZT310-T head cover right decorative cover	1	
7	1224200-074000	ZT310-T head cover left cover	1	

PROCEDURE：

●Headlight front cover

Use a small Phillips screwdriver to push down the center of the expansion screw (1) and remove the expansion pin. Remove the headlight cover (3).

●Hood cover

Remove the four plywood nuts (2) from the headlight component.

Remove the 2 bolts (5) on the front of the headlamp assembly with 4# hexagon socket; Remove the side cover round rubber (4).

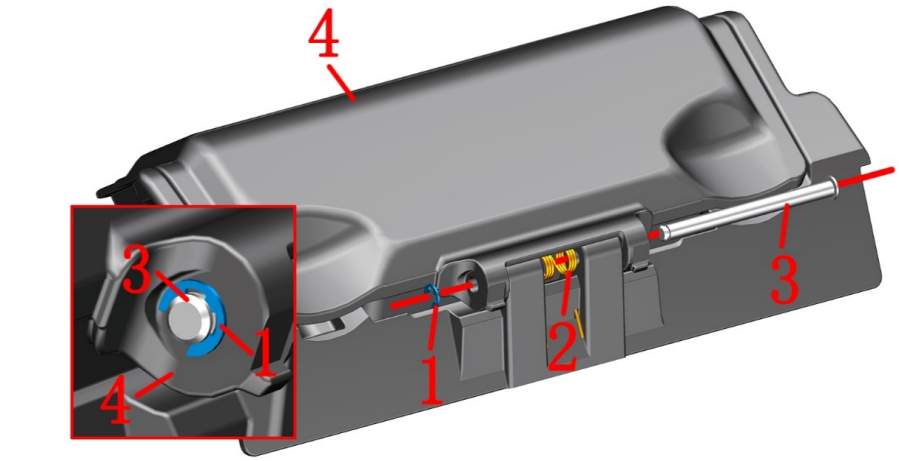
Remove the two bolts (5) and the 4 expansion pins (1) above the headlight component. Remove the hood cover left trim cover (7) and right trim cover (6).

Remove the two plywood nuts (2).

CAUTION:

●When disassembling, pay attention to the direction and strength of force to prevent damage or scratching of the material.

●Proper protection measures should be taken to prevent scratching the lampshade.



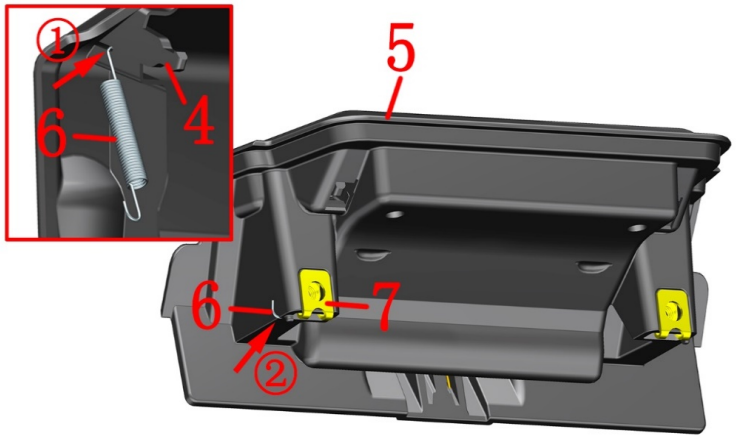


Fig.15 FRONT FORK COMPONENT		Headlamp assembly 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1260100-215000	ZT310-T storage box cover rotating shaft limit circlip	1	
2	1260100-159000	ZT310-T head cover debris box cover torsion spring	1	
3	1274100-090000	ZT310T-M fuel tank outer cover rotating bracket shaft	1	
4	1224300-081000	ZT350-T hood glove box cover	1	
5	1224300-051000	ZT350-T hood glove box bottom	1	
6	1260100-307000	ZT350-T hood glove box extension spring	2	
7	1251300-063093	Plywood M6×11×15(color Zinc)	2	

PROCEDURE:

●Glove box assembly

First push the rotating shaft (2) to the bottom in the direction of the arrow, and then remove the snap ring (1) with pliers. Remove the rotating shaft (3). Open the glove box cover (4) and remove it.

Remove the spring (2) and spring (6) and pay attention to the assembly in place during reassembly. The two feet of the spring (2) should be inserted into the installation hole (5) at the bottom of the glove box first; Then press the spring head slightly with the box cover (4), and slowly assemble the box cover to the bottom of the glove box, so that the spring head can slide in. One end of the spring (6) is clamped at ① of the glove box cover (4) and the other end is clamped at ② of the bottom (5) of the glove box.

CAUTION:

●When disassembling, pay attention to the direction and strength of force to prevent damage or scratching of the material.

●The circlip should be kept in a small size.

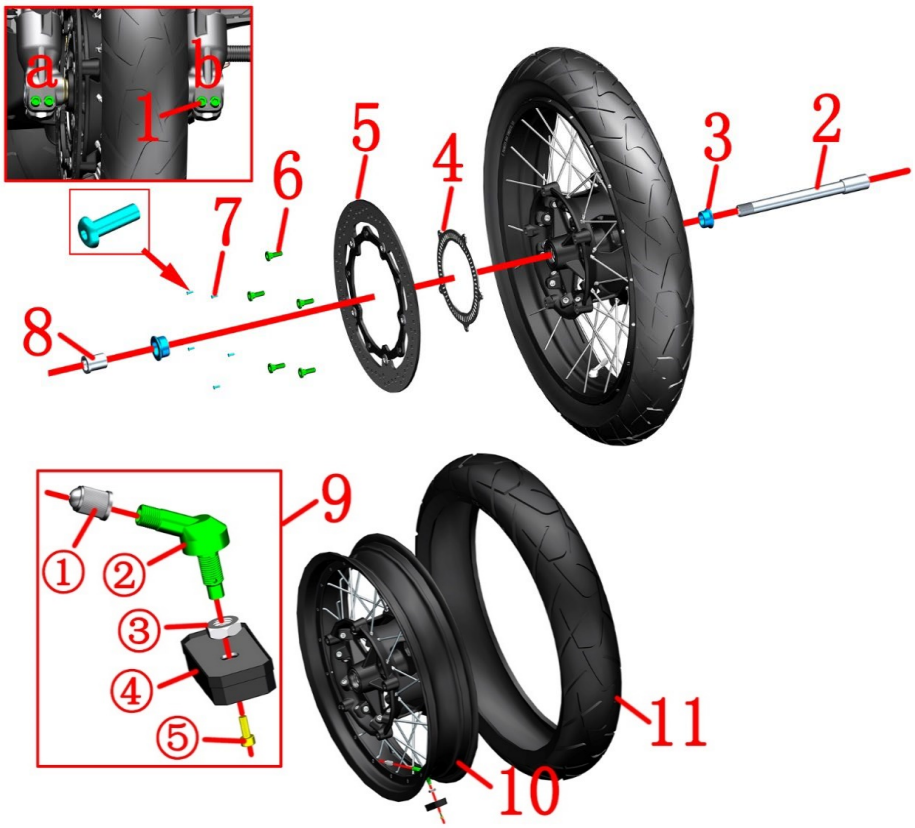


Fig.16 FRONT FORK COMPONENT		Front wheel component (spoke wheel)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-034093	GB70.1 inner hexagonal M8×30 (color Zinc)	4	20N.m
2	1094100-063000	ZT310 front wheel hollow shaft Φ20×243	1	
3	1274300-008000	ZT350-GK front wheel bushing (φ20×φ28×15.5/shoulder outer diameterφ34)	2	
4	1274300-007000	ZT350-GK ABS induction ring gear (60 teeth)	1	
5	1100100-783000	ZT350-GK front brake disc (320×5.0)	1	
6	1251100-117093	Non-standard inner hex bolt M8×25 (color Zinc)	5	25N.m
7	1250402-001091	GB12615 φ3×10 rivet	5	
8	1094100-037000	ZT250-R front wheel right fixed bushing	1	
9	1184300-021000	ZT350 tire pressure sensor (M8 elbow joint/120°)	1	
10	1094300-014000	ZT350-T front spoke wheel (MT2.5×19/black)	1	
11	1230100-568000	110/80R19 CM-A1S 59V TL E4	1	

●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.

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 down and remove 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) and the right shaft sleeve (3).

●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 ① 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 ⑤ with 2.5# inner hexagon socket, remove tire pressure sensor ④, remove nut ③ with 12# sleeve, and then remove air nozzle ②.

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.

●Unqualified tire repair fluid may corrode the rim and cause potential safety hazards.

●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.

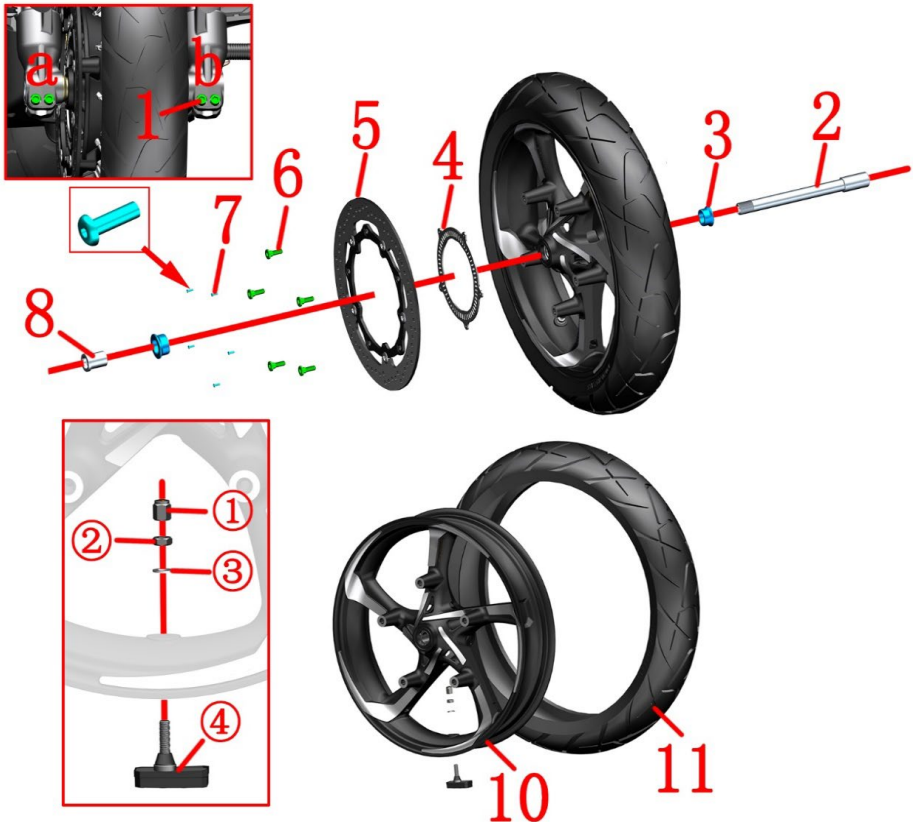


Fig.17 FRONT FORK COMPONENT		Front wheel component(aluminum)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-034093	GB70.1 inner hexagonal M8×30 (color Zinc)	4	25N.m
2	1094100-063000	ZT650 front wheel hollow shaft Φ20×243	1	
3	1274300-008000	ZT350-GK front wheel bushing (φ20×φ28×15.5/shoulder outer diameterφ34)	2	
4	1274300-007000	ZT350-GK ABS induction ring gear (60 teeth)	1	
5	1100100-783000	ZT350-GK front brake disc (320×5.0)	1	
6	1251100-117093	Non-standard inner hex bolt M8×25 (color Zinc)	5	25N.m
7	1250402-001091	GB12615φ3×10	5	
8	1094100-037000	ZT250-R front wheel right fixed bushing	1	
9	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	1	
10	1094300-007021	ZT350-GK front aluminum wheel (MT3.5×17/black/single disc)	1	
11	1230100-566000	120/70ZR17 CM－A1S 58W TL E4	1	

●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.

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 down and remove 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) and the right shaft sleeve (3).

●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 ① 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.Use a 12# wrench to remove the nut ② and the gasket ③. Finally, remove the tire pressure sensor body ④.

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.

●Unqualified tire repair fluid may corrode the rim and cause potential safety hazards.

●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.

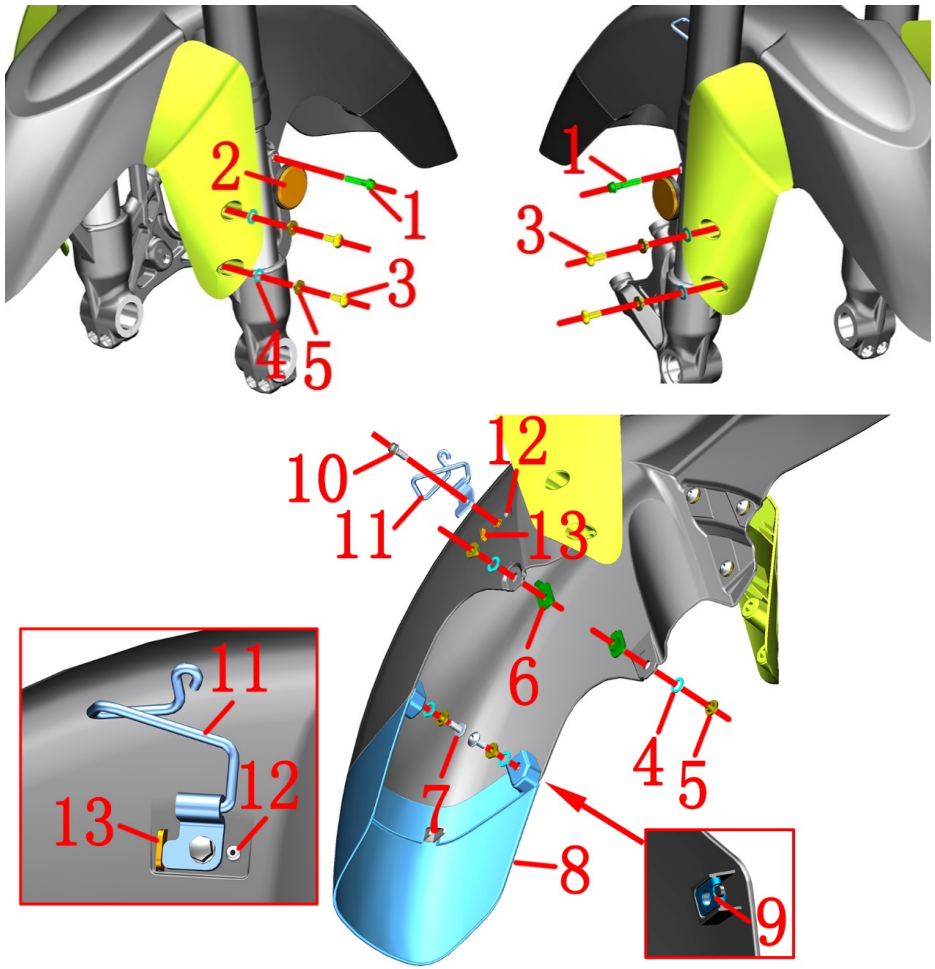


Fig.18 FRONT FORK COMPONENT		Front mudboard component 1(spoke wheel)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-002093	M6×30 Hexagon flange bolts (color Zinc)	2	
2	1174300-013000	Reflection light(KM-106)	2	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
4	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
5	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
6	1274300-112000	ZT350－T front mudboard	2	
7	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	6	
8	1244200-110021	ZT310－T front mudguard water-repellent skin	1	
9	1251300-063093	Plywood M6×11×15（color zinc）	4	
10	1250104-006097	GB16674M6×12 (chromed/HH)	1	
11	1274300-080000	ZT350-T front oil outlet line clamp	1	
12	1250402-001091	GB12615 φ3×10 Rivet	1	
13	1274200-038000	ZT310-X Front fender front oil outlet pipe fixed seat	1	

PROCEDURE:

●Wheel speed sensor

Remove the two bolts (1) on the left and right sides of the front mudboard with 8# sleeve, and then remove the four bolts (3) on both sides with 4# hexagon socket, remove the buffer rubber (4) and bushing (5), remove the front mudboard assembly, and remove two supports (6), two flanging bushings (5) and two buffer rubber (4) from the front mudboard.

●Front mudboard water baffle

Remove 2 bolts (7) from the inner side with 4# hexagon socket, and remove the bushing (7) and buffer rubber (8) respectively.

Remove the water baffle (8) from the middle of the fender.

Remove the two clamp nuts (9) from the middle of the fender.

●Oil outlet pipe support

Remove the bolt (10) with 8# sleeve and remove the oil pipe clamp (11). The inside of the front mud board can be protected with masking paper or double-sided adhesive tape around the rivet (12), and then the rivet (12) can be polished off with a small grinder, and then the fixed seat (13) can be removed.

●Reflector

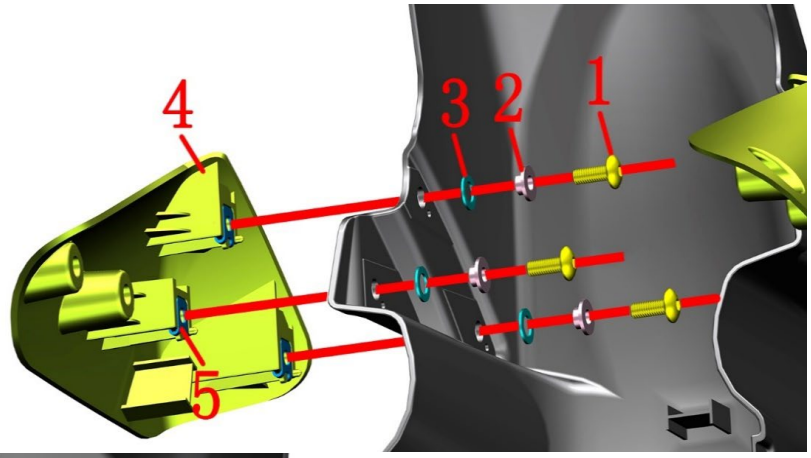
The side reflex reflector (2) can be directly unscrewed by hand.

CAUTION：

●Disassemble the oil pipe clamp and the sensor wire clamp should pay attention to the strength.

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

●Rivets need to be assembled with professional tools.



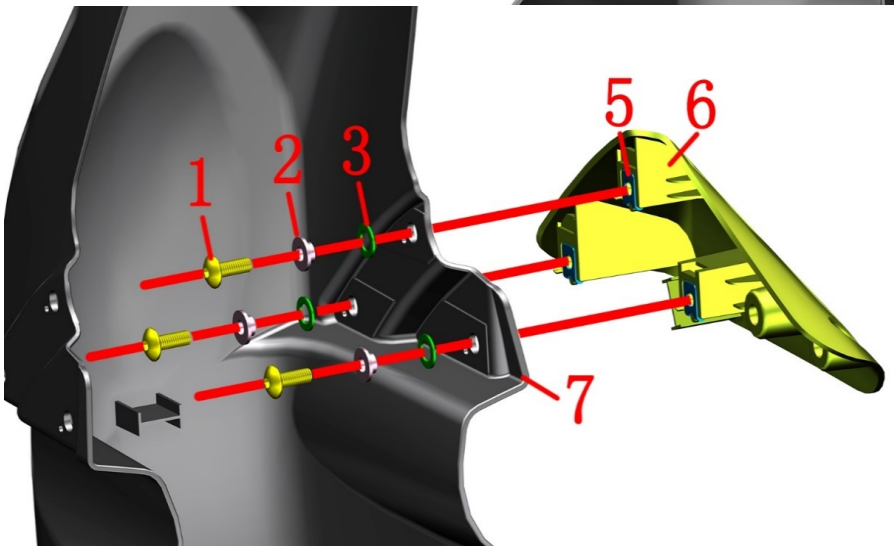


Fig.19 FRONT FORK COMPONENT		Front mudboard component 2(spoke wheel)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
4		ZT350-T front fender left part	1	
5	1251300-063093	Plywood M6×11×15（color zinc）	6	
6		ZT350-T front fender right part	1	
7	4044302-056052	ZT350-T middle part of front fender (dark gray)	1	

PROCEDURE:

●The front and left sides of the front mud plate

Remove three bolts (1) from the inside of the fender (7) with 4# inner hexagon socke and remove the bushing (2) and buffer rubber (3) respectively. Remove the left part of the front mud plate (4) and then remove three clamp nuts (5). Remove the right part (6) of the front mud plate in the same way.

CAUTION：

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

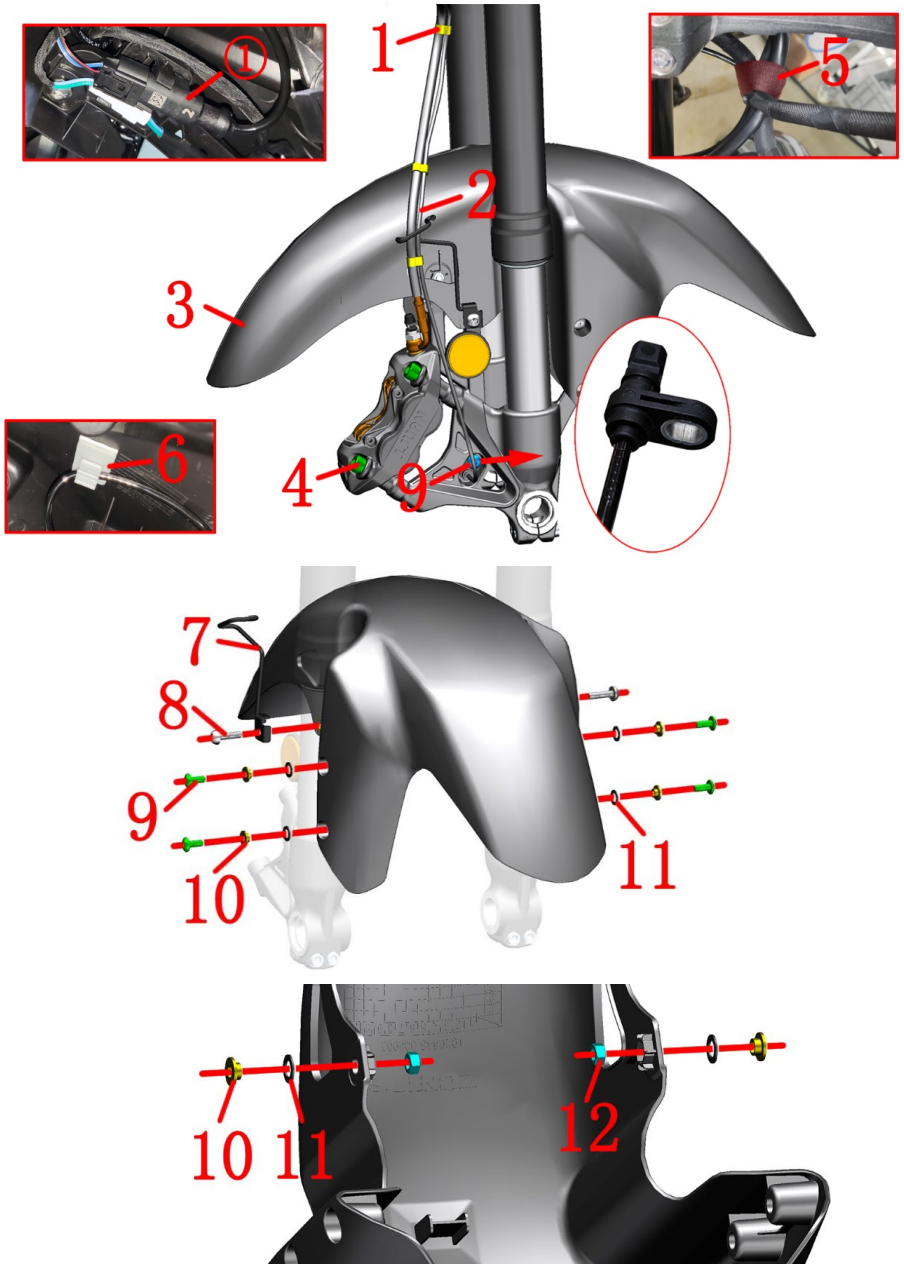


Fig.20 FRONT FORK COMPONENT		Front mudboard component（Aluminum）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-044000	Wheel speed sensor clamp	3	
2	1181200-118000	Wheel speed sensor(A)	1	
3		ZT350-R front fender	1	
4	1251100-303093	GB70.1 Hexagon socket head bolt M10×1.5×60 (grade 12.9 / environmental protection color Zinc)	2	
5	1224300-093000	Reverse buckle Velcro strap (20×150mm)	1	
6	1224200-066000	ZT310PKE External antenna mount	1	
7	1274300-109000	ZT350-R Front oil outlet pipe clamp	1	
8	1251100-121093	Non-standard bolt M6×25 (environmental color)	2	
9	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	5	
10	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
11	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
12	1250301-020093	GB6170M6 (environmental color)	2	

PROCEDURE:

●Front wheel speed sensor

First remove the right trim cover of the fuel tank according to the steps of "fuel tank assembly", find and pull out the plug ① of the wheel speed sensor (2) on the rear shell of the right trim cover of the fuel tank, pull open the antenna fixing seat (6), untie the tie (5), and then remove the three wire clamps (1). Use 4# hexagon socket to remove bolt (9) and sensor (2).

●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

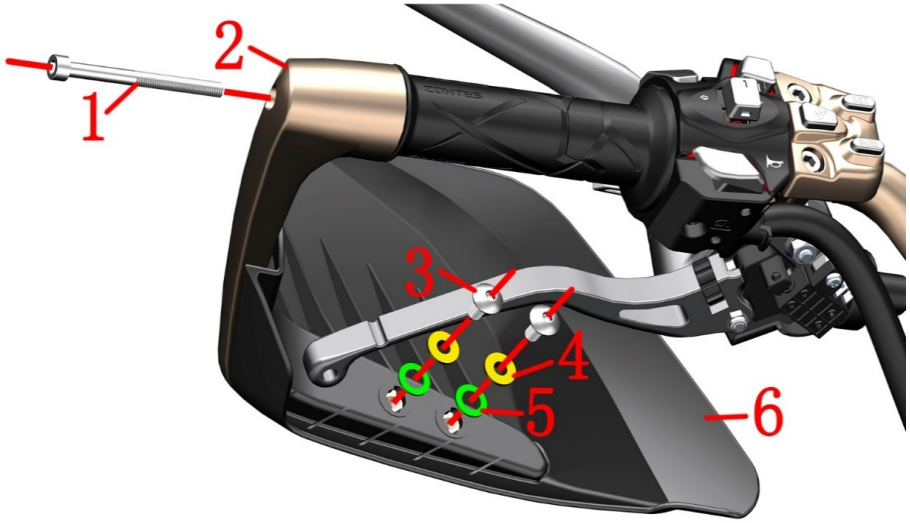
Remove the bolts (8) on the left and right sides with 8# hexagon socket, then remove the four bolts (9) with 4# hexagon socket tool, and remove the bushing (10) and buffer rubber (11) respectively; Remove the front mudboard assembly.

Remove the flanging bushing, buffer rubber and nut (12) from the front mud plate.

CAUTION:

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

●Disassemble the oil pipe clamp and the sensor wire clamp should pay attention to the strength.



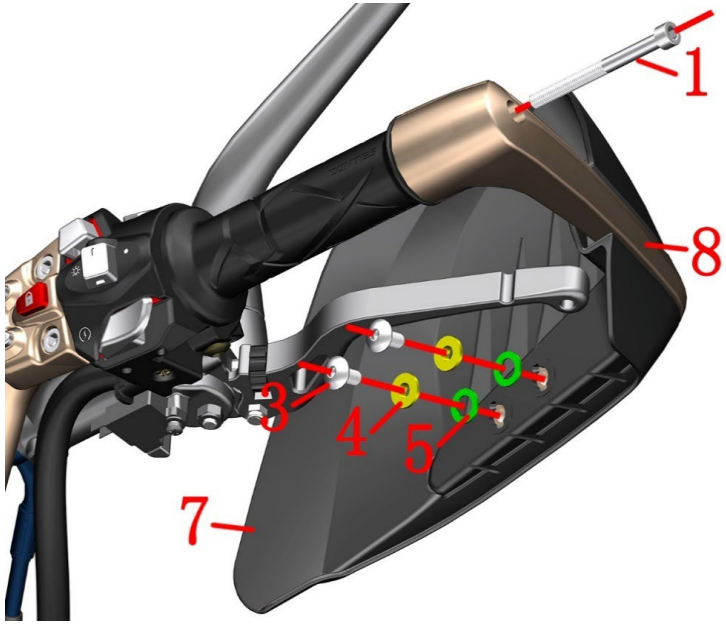


Fig.21 FRONT FORK COMPONENT		Hand guard component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-085000	GB70.1M6×70 (stainless steel)	2	
2	1134200-024051	ZT310－T aluminum alloy left hand guard (2020)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
4	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
5	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	4	
6	1224200-203021	ZT310-T left hand windshield (2020 models)	1	
7	1224200-199021	ZT310-T right hand windshield (2020 models)	1	
8	1134200-025051	ZT310－T aluminum alloy right hand guard (2020)	1	

PROCEDURE：

●Left hand guard components

Remove the bolt (1) with 5# hexagon socket tool and remove the left-hand assembly.

Remove 2 bolts (3), bushing (4) and buffer rubber (5) respectively. Separate the left hand guard (2) from the left windscreen (6).

●Right hand guard component

Remove the right handle windshield cover (7) and the right hand guard (8) according to the above steps.

CAUTION:

●The vehicle support should be fixed during the disassembly process to prevent accidents caused by dumping.

●Protective measures should be taken to prevent scratching of materials.

●When reassembling, pay attention to align the limit boss of the hand guard with the groove of the direction handle, and then tighten the bolt to prevent the hand guard from rotating.

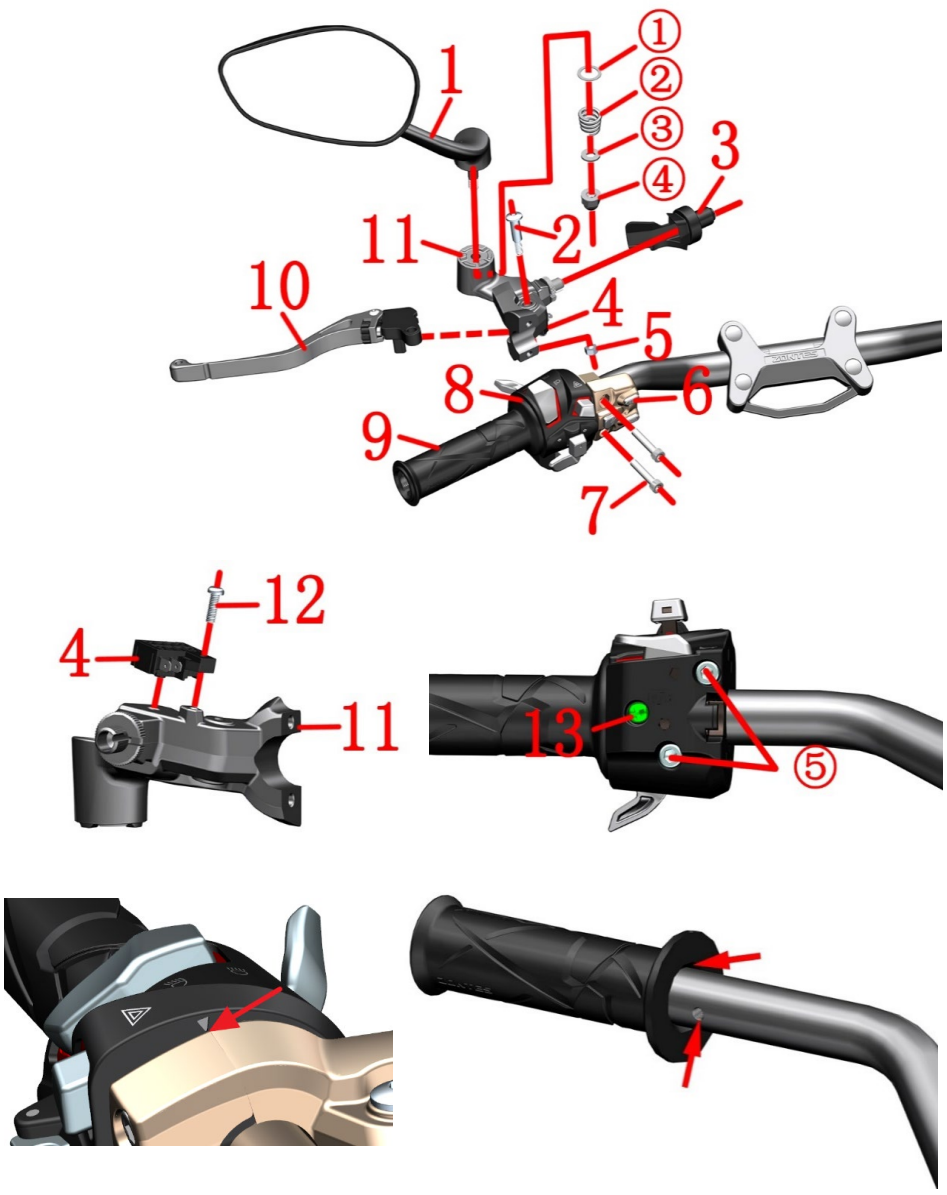


Fig.22 FRONT FORK COMPONENT		Left hand component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-408051	ZT310-VX left rearview mirror (dark gray)	1	
2	1251100-198000	Non-standard hexagon socket bolt M6×13-φ8×20	1	
3	1244200-046000	ZT310-V clutch line sheath	1	
4	1184200-170000	ZT310-V clutch switch	1	
5	1251300-073000	GB/T6185 hexagonal nylon lock nut M6 (color Zinc)	1	
6	1184300-017000	ZT350-X second generation left auxiliary handle switch (dark gray TFT-750)	1	
7	1250205-031091	GB70.1M6×30(stainless steel)	2	
8	1184200-141000	ZT310-X1 Left Handle Switch	1	
9	1244100-041000	ZT250-R left hand rubber sleeve	1	
10	1134200-027051	ZT310-V left handle rocker arm	1	
11	1134200-029051	ZT310-V left hand handle rocker arm seat assembly	1	
12	1250201-039000	GB818 cross recessed pan head screw M4×12	1	
13	1251100-219000	Cross ball screw M5×30	1	

PROCEDURE:

●Left rearview mirror, rocker arm and clutch switch assembly

Find and unplug the left auxiliary switch, left handle switch, clutch switch and other wires. Remove the clutch line according to the steps of "replacing the clutch line".

Remove the nut ④ of the left rear-view mirror (1), remove the gasket ③, spring ② and gasket ①, and then remove the left rear-view mirror.

Remove the clutch line sheath (3); Fix the bolt (2) with hexagon socket tool, remove the nut (5) with sleeve, and then remove the bolt (2) and rocker arm (10). Rotate the adjusting nut on the rocker arm (10) to adjust the distance between the rocker arm and the left-hand handle rubber sleeve to adapt to the hand feeling of different drivers.

After grasping the rocker arm seat assembly (11), remove the bolt (6), and remove the auxiliary switch (7) and rocker arm seat assembly (11).

Turn over the rocker arm seat assembly, remove the bolt (12) with a cross screwdriver, and remove the clutch switch (4).

●Left handlebar rubber sleeve and left handlebar switch assembly

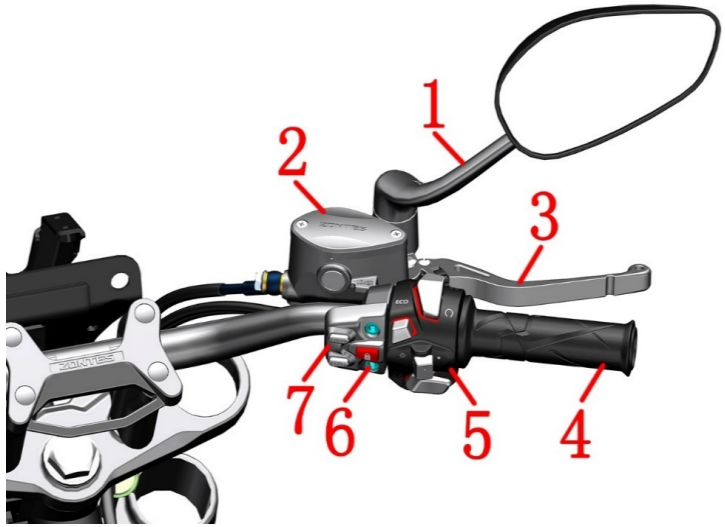
First remove the 2 hexagon socket bolts ⑤ at the bottom of the switch with 5# hexagon socket, and then remove the bolt (13) with a cross screwdriver to remove the switch (8). When removing, be careful not to pull the cable inside the switch. Do not rotate the switch to prevent scratching the paint layer of the steering handle.

Can be soaked in hot water for about 10 minutes before use a blow gun to blow the left hand grip between the rubber sleeve(6) and the direction handle tube while moving the rubber sleeve outward.

CAUTION:

●When assembling the switch, first align the locating hole under the switch with the direction to align the Threaded Hole on the tube, then assemble the Phillips head bolt first, and then install the hexagon socket head bolt. Be sure to pay attention to the cable that cannot be pressed inside the switch; the torque should not be too large.

●Press during reassembly: the left hand grip rubber sleeve - switch - left hand rocker arm component - left rear view mirror. Note the triangle symbol on the rocker arm component and the secondary switch seam alignment switch.



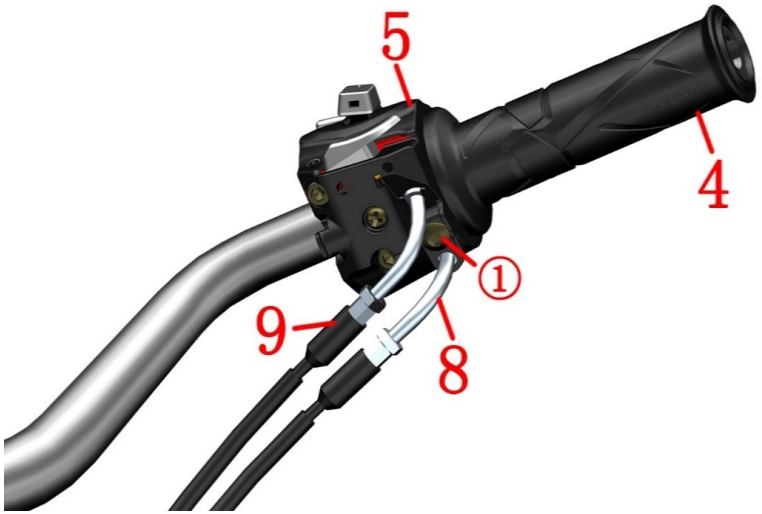


Fig.23 FRONT FORK COMPONENT		Right hand component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-407051	ZT310-VX Rearview mirror (dark grey)	1	
2	1100100-831000	ZT350-GK front disc brake main pump assembly (φ14)	1	
3	1100100-833000	ZT350-GK front brake handle (CNC)	1	
4	1244100-042000	ZT250-R right handle bar rubber sleeve	1	
5	1184200-140000	ZT310－X1 Right Handle Switch	1	
6	1184300-018000	ZT350-X second generation right handle switch (dark gray TFT-750)	1	
7	1250205-031091	GB70.1M6×30(stainless steel)	2	
8	1154300-004000	ZT350-X throttle refueling cable	1	
9	1154300-005000	ZT350-X throttle return cable	1	

PROCEDURE：

●Right hand handle component

Refer to the steps of "Left handlebar assembly", remove the right rearview mirror (1) first.

Find and unplug the cable plugs of the right-hand handle switch (5) and the auxiliary handle switch (6).

First remove the bolt (7) and remove the auxiliary switch (6). Pay attention to keep the "zontes" side of the front disc brake main pump (2) horizontal and upward to prevent air from entering the brake oil pipe and causing brake failure.

According to the steps of "replacing the throttle line", remove the right-hand handle switch (5), throttle oil filling line (8), oil return line (9) and right-hand handle rubber sleeve (4).

Disassemble the front disc brake main pump (2) and rocker arm (3) according to the steps of "adding brake fluid".

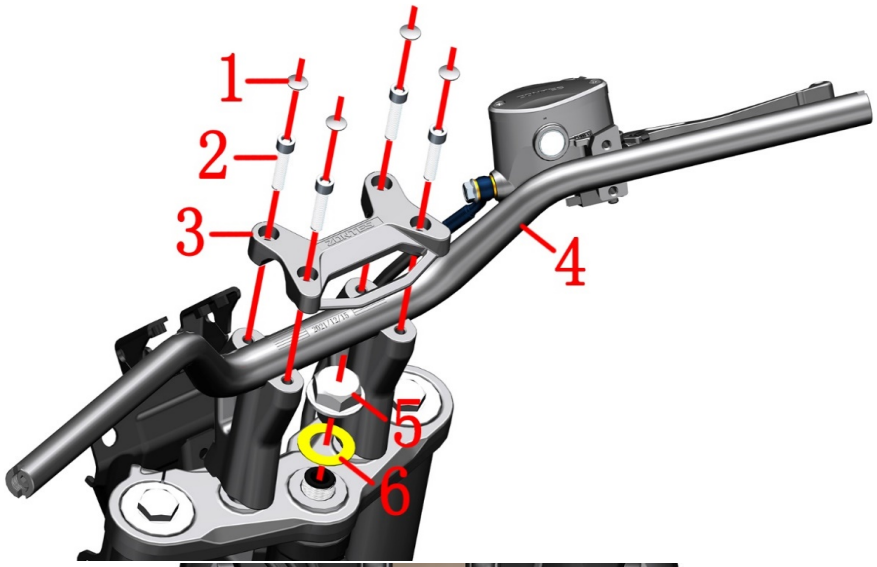
CAUTION:

●The vehicle's horizontal support should be fixed before checking.

●Check that the fluid level of the brake fluid is between 3/4 of the “observation window”.

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

●The seam between the main disc and the sub-switch of the front disc brake should be aligned with the triangle on the right-hand switch.



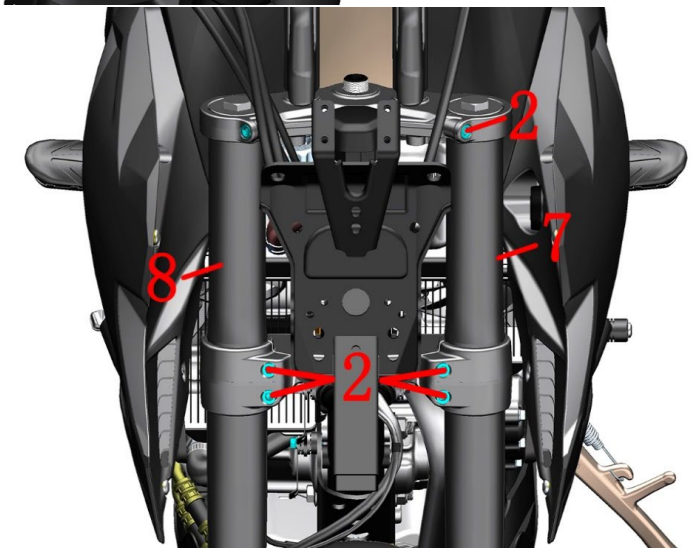


Fig.24 FRONT FORK COMPONENT		Hand bar component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4044102-002051	ZT250-S M8 bolt decorative buckle (matte gray)	4	
2	1250205-034093	GB70.1 inner hexagonal M8×30 (color Zinc)	10	
3	1134200-031051	ZT310-R direction handle block (dark gray matte)	1	
4	1134200-035051	ZT350-T direction handle (dark gray matte)	1	
5	1251300-088000	ZT350-R Upper connecting plate decorative nut M22×1	1	
6	1274200-018000	ZT310－R gasket of upper connecting board	1	
7	1114300-012000	ZT350-V front left shock absorber	1	
8	1114300-013000	ZT350-V front right shock absorber	1	

PROCEDURE:

●Directional components

Pry up four decorative buckles (1) with a blade, hold the steering handle (4) with one hand, and remove the bolt (2) with 6# hexagon socket tool with the other hand; Remove the pressing block (3) and finally the steering handle (4).

●Uplink board assembly

Locate the faucet lock plug and remove it; remove the nut(5) with 30# sleeve and remove the shims(6).Remove the upper connecting plate assembly.

●Front left and right shock absorption

First remove the front mudboard assembly according to the steps of "front mudboard assembly", and remove the 4 bolts (2) on the lower coupling plate with 6# inner hexagon, 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 (7) and the right shock absorber(8)r. Remove the upper plate assembly.Refer to the steps of "steering adjustment" for the disassembly of the lower coupling plate assembly.

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.

●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.

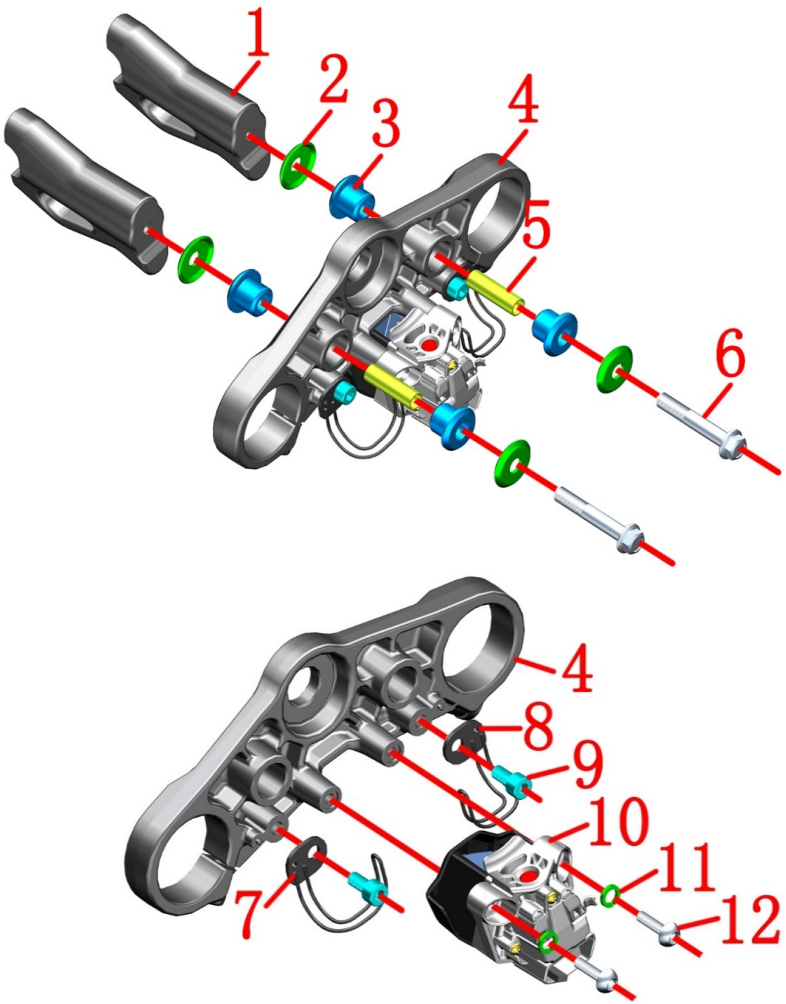


Fig.25 FRONT FORK COMPONENT		Uplink plate, handle bar component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4094200-007051	ZT310-X direction handlebar pad M10×1.25(dark gray matte/spray paint)	2	
2	1274200-018000	ZT310－R gasket of upper connecting board	4	25N.m
3	1244200-008000	ZT310－R buffer rubber of upper connecting board	4	
4	4094300-001051	ZT350-R upper connection board (dark gray matte)	1	
5	1251700-065000	ZT310-R bushing φ10×φ12×41	2	
6	1250105-280000	GB5789 M10×1.25×60 (level 10.9 dacromet)	2	
7	1274200-105000	ZT310-T left wiring bracket	1	
8	1274200-106000	ZT310-T right wiring bracket	1	
9	1250205-040095	GB70.1 inner hex bolt M8×16（color Zinc）	2	
10	1184200-138000	ZT310 main lock (electromagnetic drive / wire length 450) assembly	1	
11	1250501-007093	GB93 φ8 (environmental color)	2	
12	1251100-121093	Non－standard bolt M6×25 (environmental color)	2	

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.

Use 14# sleeve to remove nut (6), gasket (2) and buffer rubber (3) and bushing(5). Remove the cushion block (1).

●Faucet lock

Remove the bolt (12) with 6# hexagon socket, and remove the spring washer (11) and faucet lock (10).

Remove the bolts (9) respectively and remove the left wiring support (7) and the right wiring support (8).

CAUTION:

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

●When reassembling the faucet lock, be sure to align the limit boss with the groove on the upper plate.

●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 bolt, ensure that the torque is 50N.m. Check the buffer for spillage and reassemble if necessary.

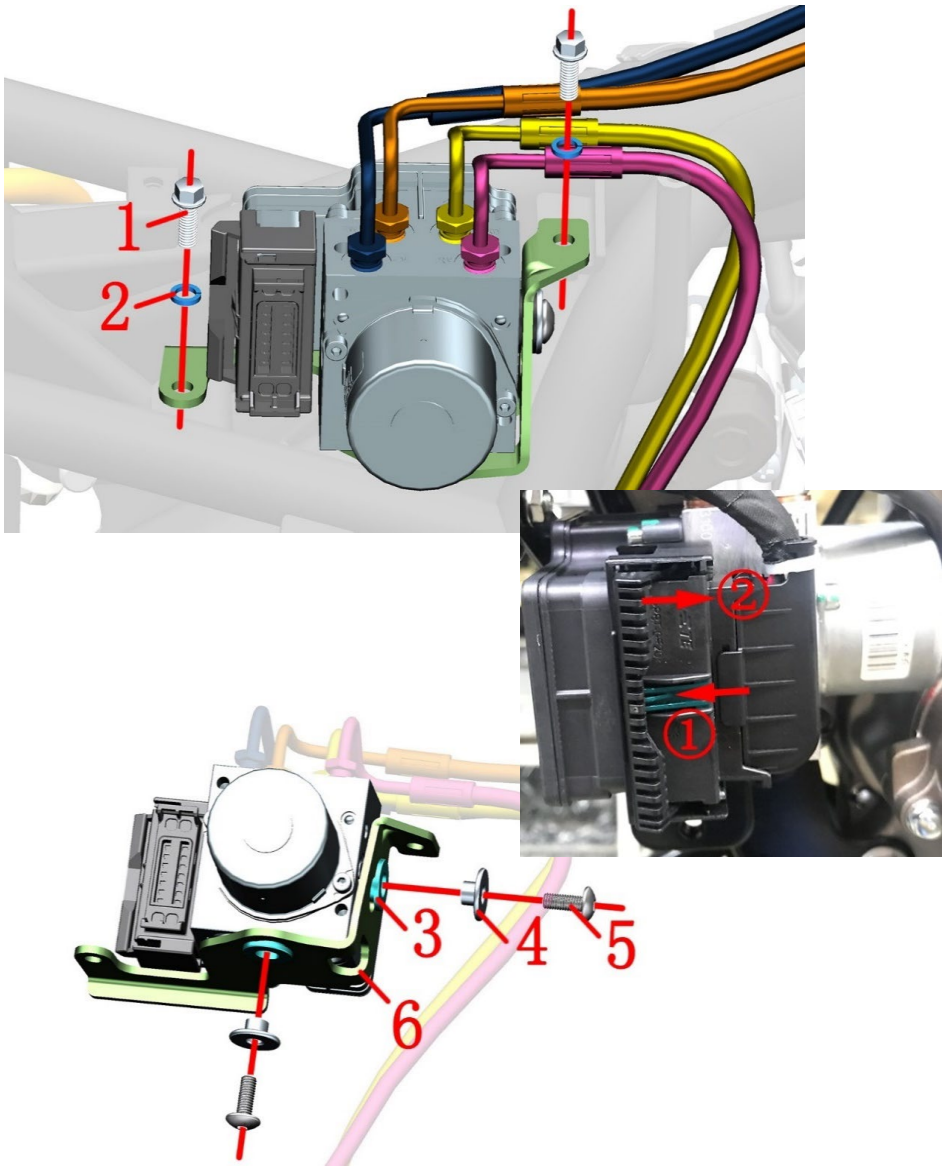


Fig.26 FRONT FORK COMPONENT		ABS brake system-A 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	2	
2	1250501-010000	GB93φ6 spring pad	2	
3	1244100-004000	ZT250-S Flanging bushing buffer	2	
4	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
6	1274300-071094	ZT350-R hydraulic control unit bracket	1	

PROCEDURE:

●Hydraulic control unit components

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

Using 8# sleeve remove 2 bolts (1) , remove the spring pad (2) and then remove the hydraulic control unit.

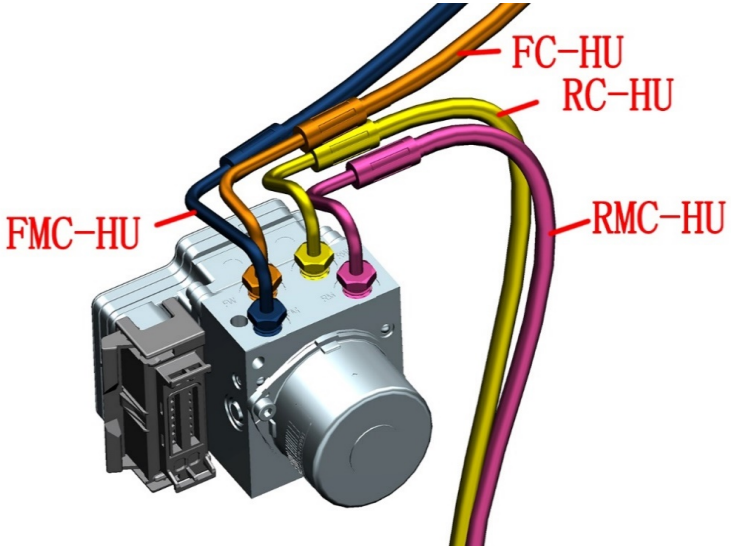
Using 4# inner hexagon socket remove 2 bolts (5) at the bracket, remove the hydraulic control unit bracket (6).

Remove two buffer adhesives (3) from the hydraulic control unit support (6).

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.



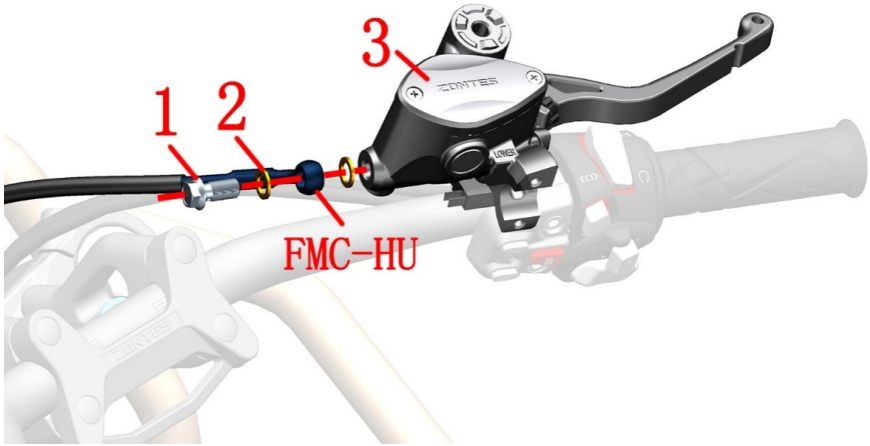


Fig.27 FRONT FORK COMPONENT		ABS brake system-A 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-112000	Disc brake pipe bolt M10×1-22	1	
2	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
3	1100100-831000	ZT350-GK front disc main pump assembly（φ14）	1	

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 oil pipe

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.

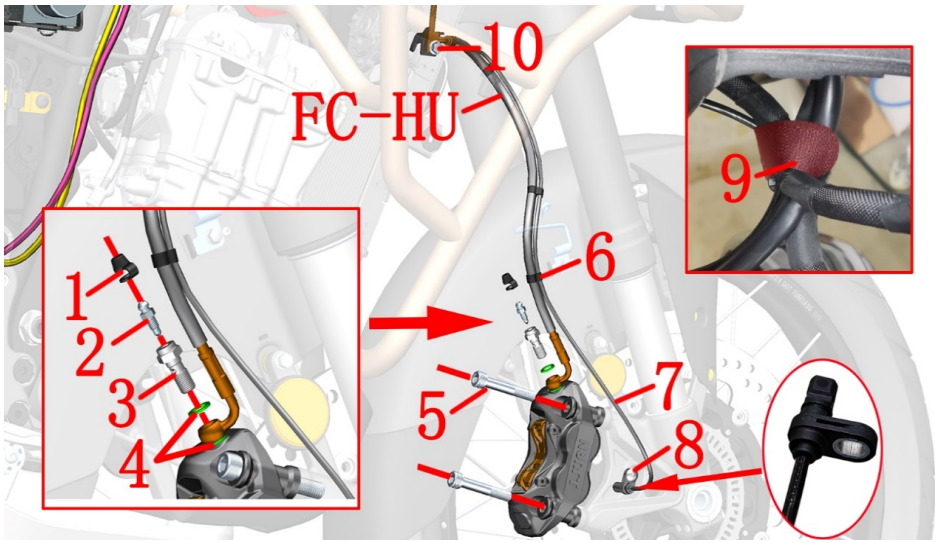


Fig.28 FRONT FORK COMPONENT		ABS brake system-A 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-019000	Caliper exhaust screw rubber cap	1	
2	1251100-308000	Disc brake exhaust screw M6	1	
3	1251100-307000	Disc brake oil pipe bolts M10×1×22 (with exhaust threaded holes)	1	
4	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
5	1251100-303093	GB70.1 Hexagon socket head bolt M10×1.5×60 (grade 12.9 / environmental protection color Zinc)	2	
6	1224100-044000	Wheel speed sensor clamp	3	
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	1250105-138093	GB5789M6×20 (environmental color)	1	

PROCEDURE:

●Brake 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 (3) with 14# ring wrench, and remove the copper washer (4).

Remove two bolts (5) with 8# hexagon socket and remove the front disc brake caliper from the front shock absorber.

First remove the wheel speed sensor wire clamp (6), untie the tie (9), then remove the bolt (8) with 4# sleeve, remove the wheel speed sensor (7) from the front disc brake caliper, and tidy up the wheel speed sensor wire.

●FC-HU oil pipe

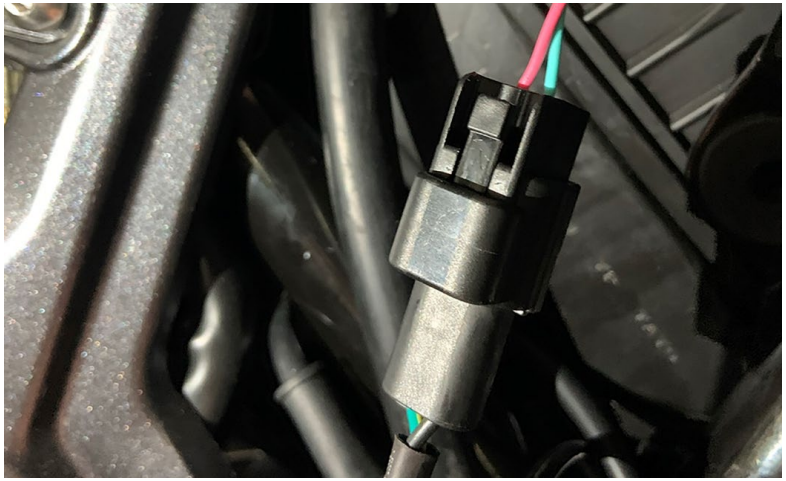
Remove the bolt (13) with 4# hexagon socket and remove the wiring box (13). Remove the bolt (10) with 8# sleeve. Then remove the fc-hu oil pipe.

CAUTION:

●Be sure to disassemble the muffler and engine after they have cooled down completely. The horizontal support of the vehicle 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 (4) at the same time when replacing the oil pipe. There is no need to replace the bolts(3) if they are not damaged.



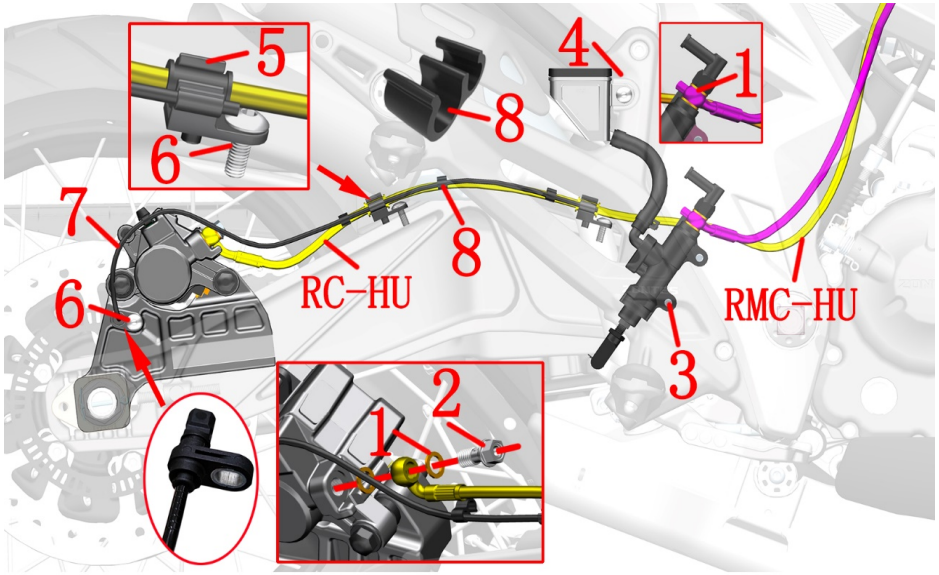


Fig.29 FRONT FORK COMPONENT		ABS brake system-A 4（Double rocker arm）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	4	
2	1251100-112000	Disc brake pipe bolt M10×1-22	1	
3	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
5	1224200-003000	ZT310-R Rear disc brake pipe clamp	2	
6	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	3	
7	1181200-118000	Wheel speed sensor(A)	1	
8	1224100-044000	Wheel speed sensor clamp	2	

PROCEDURE：

●RMC-HU oil pipe

Find and unplug the brake switch cable plug.

Remove the main pump of rear disc brake according to the steps of "right foot pedal support assembly 1" and "right foot pedal support assembly 2".

After wearing waterproof gloves, remove the oil cup cover and pour out the brake fluid according to the previous steps of adding the brake fluid of the rear disc brake main pump. Loosen the brake switch nut with 14# an open-ended wrench. Remove the copper gasket (1) and rmc-hu oil pipe.

●Wheel speed sensor

First, refer to the steps of removing the "muffler" to remove the rear section of the muffler, find the cable connector of wheel speed sensor (7) and then unplug it. Remove three wheel speed sensor wire clamps (8). Pull the sensor wire out of the two disc brake oil pipe clamps (5).

Remove one bolt (6) at the caliper with 4# hexagon socket, pull off the exhaust rubber cap and remove the sensor wire.

●Rear disc brake caliper

Remove the rear wheel caliper assembly from the front of the right rear wheel according to the steps. Put the rear axle, right chain adjuster and rear axle nuts back into the rear flat fork first.

●RC-HU oil pipe

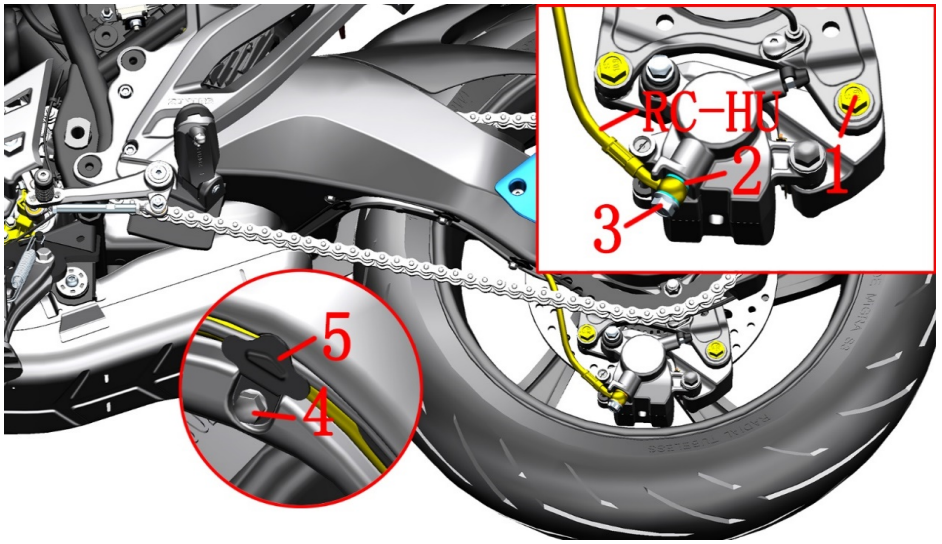
Place the oil pan under the rear disc brake caliper.

After wearing waterproof gloves, remove bolts (2) with 12# sleeves; Remove the copper washer (1). If rc-hu oil pipe needs to be replaced, it is recommended to replace two copper washers (1) at the same time; (2) if the bolt is not damaged, it can not be replaced.

CAUTION:

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

●It is recommended to replace two copper washers(1) at the same time when replacing the oil pipe, rear brake switch wire or disc brake main pump.



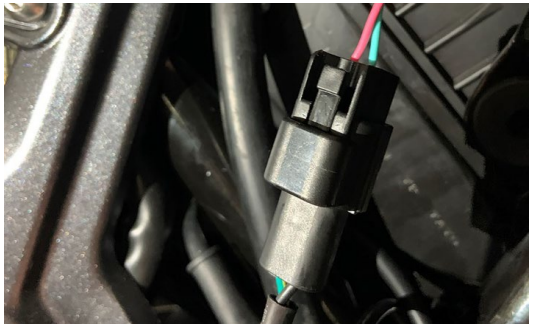


Fig.30 FRONT FORK COMPONENT		ABS brake system-A 4（Single rocker arm）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-123093	Non-standard bolt M8×25 (color Zinc)	2	
2	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
3	1251100-112000	Disc brake pipe bolt M10×1-22	1	
4	1250104-006097	GB16674M6×12 (chromed/HH)	4	
5	1274200-119000	Single rocker rear flat fork tubing bracket	4	

PROCEDURE:

●RC-HU oil pipe

Place the oil pan under the rear disc brake caliper

In the previous step of the parameter, the brake fluid step is used to loosen the nut connected to the RC-HU tubing and the pilot unit.

After wearing the waterproof gloves, remove the bolts (3) with a 12# sleeve; remove the copper washers (2).

Remove the 4 bolts(4) and remove the 4 pieces of tubing bracket(5).

●Rear disc brake caliper

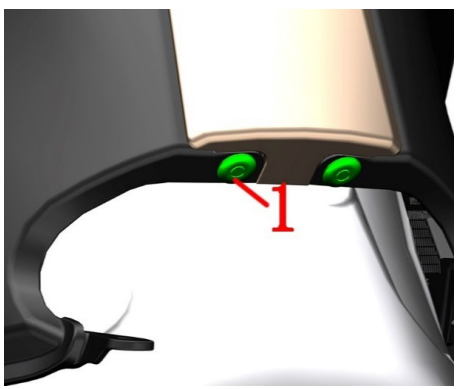
Using14# sleeve remove the 2 bolts(1) to remove the rear disc brake caliper.

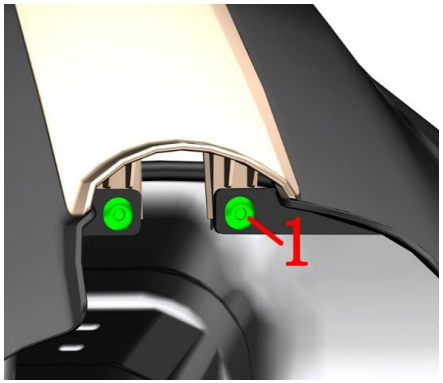
CAUTION:

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

●When replacing the oil pipe, rear brake switch line or disc brake main pump, it is recommended to replace the copper washer at the same time; (3) if the bolt is not damaged, it can not be replaced.

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





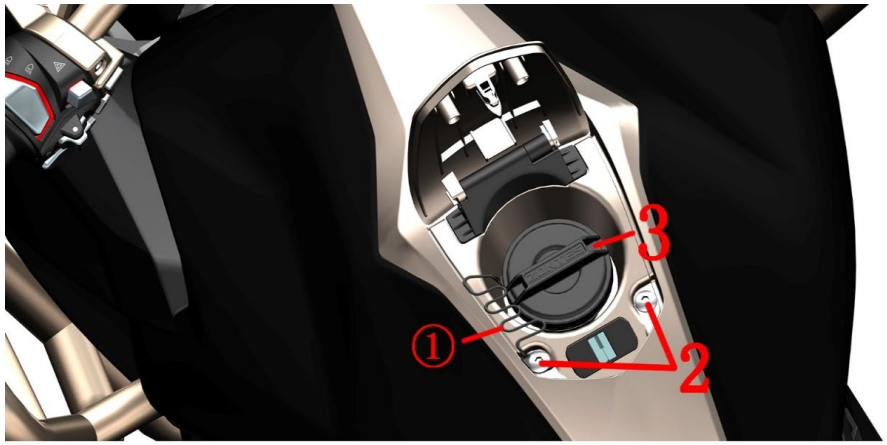




Fig. 1 FUEL TANK COMPONENT		Middle cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S expansion nail	4	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
3	1224100-033000	ZT250-S thread cap of the fuel tank	1	

PROCEDURE:

●Middle cover component

Press down the center of the expansion screw with a small cross screwdriver and remove the expansion screw (1) at the front and rear of the middle cover assembly. After the power on self-test is completed, briefly press "fuel" to open the outer cover of the oil tank, remove two bolts (2) with 4# hexagon socket, and remove the threaded oil tank cover (3). Grasp the head of the middle cover assembly and pull it up; Pay attention not to pull the nylon rope ① during disassembly.

Find and unplug the cable plug of the fuel tank lock at the rear of the right cover and the fuel tank liner, and then remove the middle cover assembly.

CAUTION:

●The material 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.

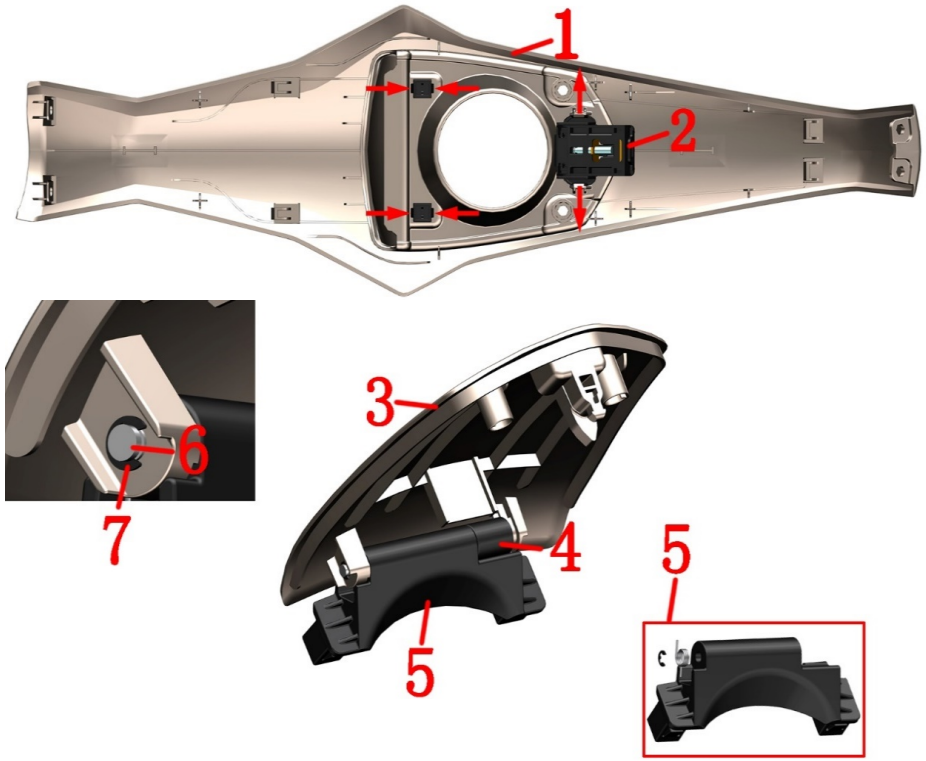


Fig. 2 FUEL TANK COMPONENT		Fuel tank lock,fuel tank cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310-T fuel tank middle cover	1	
2	1184200-002000	ZT310 electronic fuel tank lock	1	
3		ZT310-T fuel tank outer cover	1	
4	1224100-014000	ZT250-S tank cover spinning damping	1	
5	1274100-021000	ZT250-S tank cover rotating stents	1	
6	1274100-090000	ZT250-S rotating axle of fuel tank outside cover	1	
7	1260100-215000	ZT310-T storage box cover rotating shaft limit circlip	1	After-sales

PROCEDURE:

●Fuel tank lock

Use a flat-blade screwdriver to carefully pry the ends of the middle cover and remove the fuel tank lock (2), taking care to prevent damage to the buckle.

●Fuel tank cover component

Use a needle-nose pliers to clamp the tab of the swivel bracket (5) with a slight force. Remove the cover component and pay attention to the force to prevent damage to the buckle.

Remove the circlip (7) attached to the rotating shaft (6), which is the self-contained rotating bracket (5). Remove the rotating shaft and separate the rotating bracket (5) and damper (4).

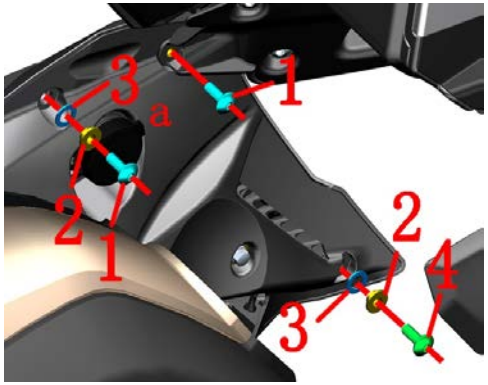
CAUTION:

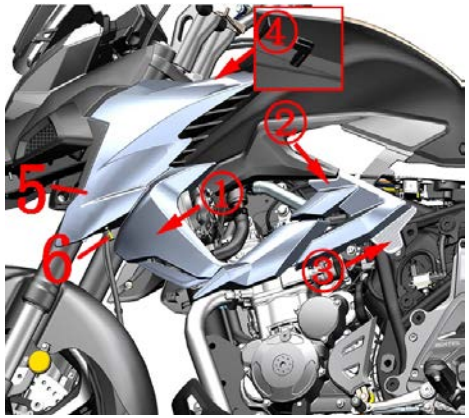
●The material should be protected during the disassembly process to prevent damage to the paint surface.

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

●Be careful not to lose your own spring when removing the swivel bracket.

●When assembling, pay attention to whether the length of the process clip 1 on the outer cover is too long. If it is too long, be sure to cut it short.





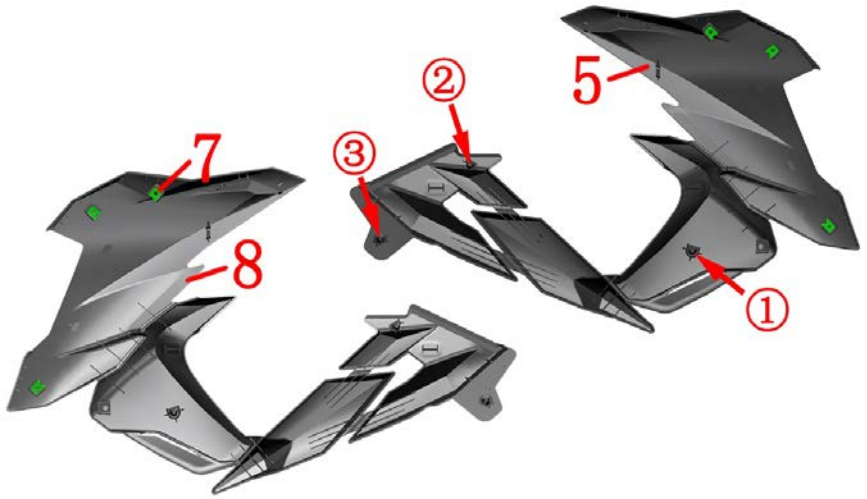


Fig.3 FUEL TANK COMPONENT		Fuel tank cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
5		Fuel tank left decorative cover	1	
6	1224100-010000	ZT250-S expansion nail	2	
7	1251300-063093	Plywood M6×11×15(color Zinc)	6	
8		Fuel tank right decorative cover	1	

PROCEDURE:

●Left tank trim cover

First remove the bolts (1) at a with 4# inner hexagon, pull the bottom plate of the left trim cover of the front mudboard inward slightly, and remove the bushing (2) and buffer glue (3). Then remove the bolt (4) ; Remove the bushing (2) and buffer rubber (3).

Remove the expansion nail (6), pull it outward in the order of ③ - ② - ①, pull out three mushroom clips, press ④ slightly with one hand, push the decorative cover (5) towards the front of the vehicle, and then remove the left decorative cover (5) of the oil tank.

Remove the three clips from the left trim panel.

●Right tank trim cover

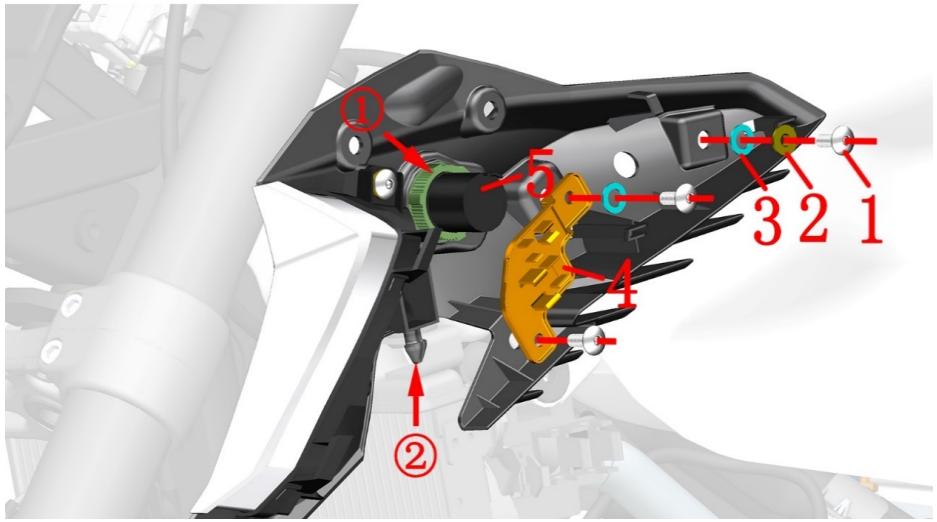
Remove the right trim cover (8) by removing the left trim cover.

CAUTION:

●The left and right side covers and cushions must be removed in advance.

●The material should be protected during the disassembly process to prevent damage to the paint surface. The trim cover is long and should be handled or held by both hands during disassembly or assembly.

●When assembling, first fasten the④ buckles, then install the staples in the order of ①-②-③.



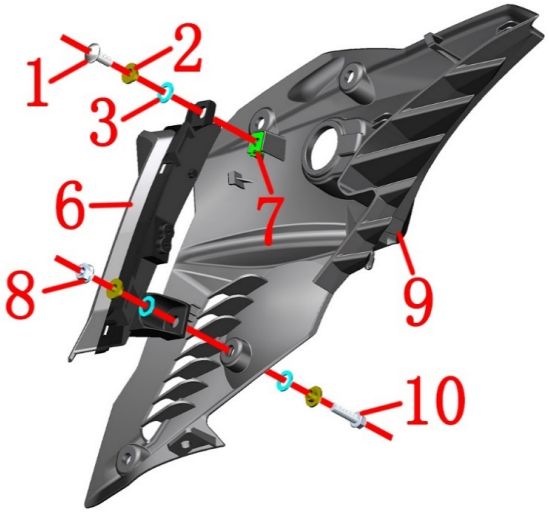


Fig.4 FUEL TANK COMPONENT		Fuel tank trim cover rear shell component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	4	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	5	
4	1224300-084000	ZT350-R Left front harness holder	1	
5	1184200-100000	ZT310 dual USB charging cable	1	
6	1174200-004000	ZT310－R front left turning light	1	
7	1251300-063093	Plywood M6×11×15（color zinc）	1	
8	1250303-010093	GB6177.1M6 (environmental color)	1	
9	1224300-090000	ZT350-R rear cover of left decorative cover of fuel tank	1	
10	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	1	

PROCEDURE:

●Left tank trim cover back shell component

Find the USB charging cable plug and unplug it. Remove the nut ① of the USB charging cable and remove the USB charging cable (5) from the rear housing (9).

Find the plug of the left turn signal lamp (6), press the limit buckle and pull it out.

Remove the three bolts (1) fixing the rear housing assembly with 4# hexagon socket, remove all flanging bushings and buffer rubber, remove the harness fixing seat (4), pull out the mushroom buckle at ②, and then remove the rear housing assembly of the left decorative cover.

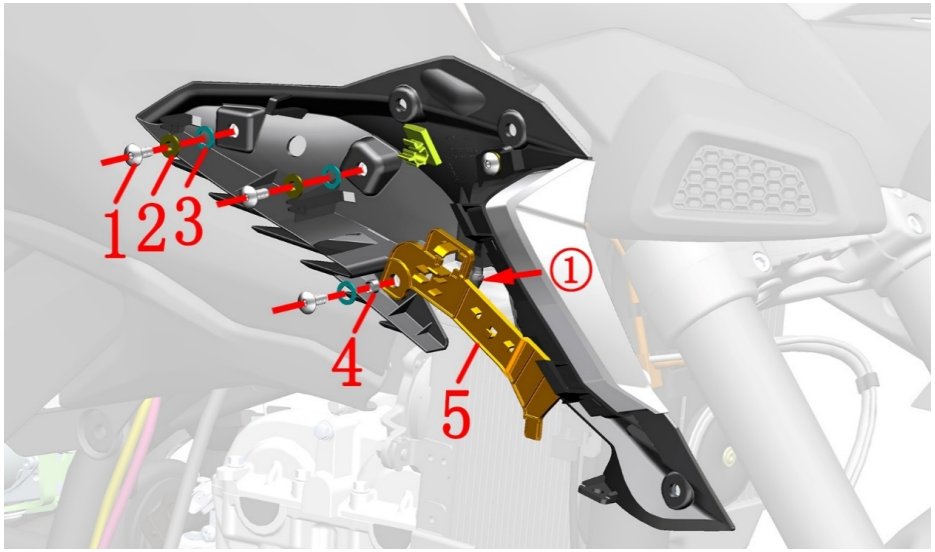
●Left front turn signal lamp

Remove one bolt (1) of the left turn signal lamp (6) with 4# hexagon socket, and remove the bushing (2) and buffer rubber (3); Fix the bolt (10) with 8# sleeve, remove the nut (8) with 10# sleeve, remove the bolt (10), two flanging bushings and two buffer rubber, and remove the left turn signal lamp. Remove one splint (7) from the rear housing.

CAUTION:

●Do not pull the cable directly when unplugging the connector. The cable should not be bent or entangled excessively during component.

●When removing the turn signal, the transparent lamp cover should be protected to prevent scratches.



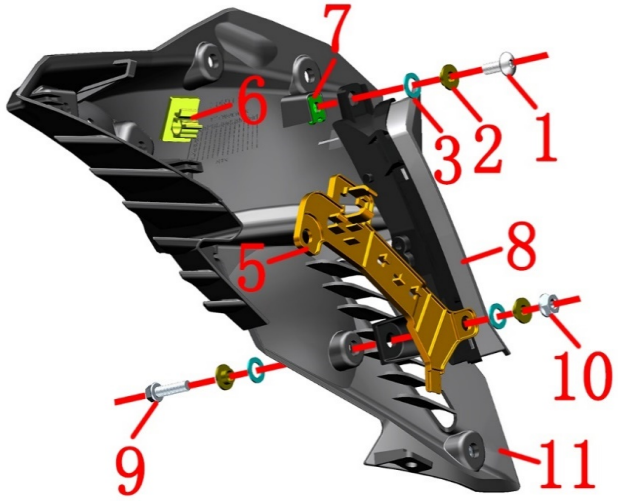


Fig.5 FUEL TANK COMPONENT		Fuel tank trim cover rear shell component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	4	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	5	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	6	
4	1274100-018000	Anti-hot plate sleeve, muffler	1	
5	1226700-006000	ZT500-T right front wire harness holder	1	
6	1224200-066000	ZT310PKE External antenna mount	1	
7	1251300-063093	Plywood M6×11×15（color zinc）	1	
8	1174200-005000	ZT310－R front right turning light	1	
9	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	1	
10	1250303-010093	GB6177.1M6 (environmental color)	1	
11	1224300-091000	ZT350-R back cover of right decorative cover of fuel cover	1	

PROCEDURE：

●Right tank trim cover back shell component

Remove the oxygen sensor plug and the right turn lamp plug from the harness holder, find the plug of the right turn lamp (8), press the limit buckle and pull it out.

Remove the three bolts (1) fixing the rear housing assembly of the decorative cover with 4# hexagon socket, remove all bushings and buffer glue, pull out the mushroom buckle at ①, and then remove the rear housing assembly of the right decorative cover.

●Right front turn signal lamp

Remove one bolt (1) of the right turn signal lamp (8) with 4# inner hexagon, and remove the bushing (2) and buffer rubber (3); Fix the bolt (9) with 8# sleeve, remove the nut (10) with 10# sleeve, remove the bolt (9), two flanging bushings and two buffer rubber, and remove the left turn signal lamp. Remove one splint (7) from the rear housing.

CAUTION:

●Do not pull the cable directly when unplugging the connector. The cable should not be bent or entangled excessively during component.

●When removing the turn signal, the transparent lamp cover should be protected to prevent scratches.

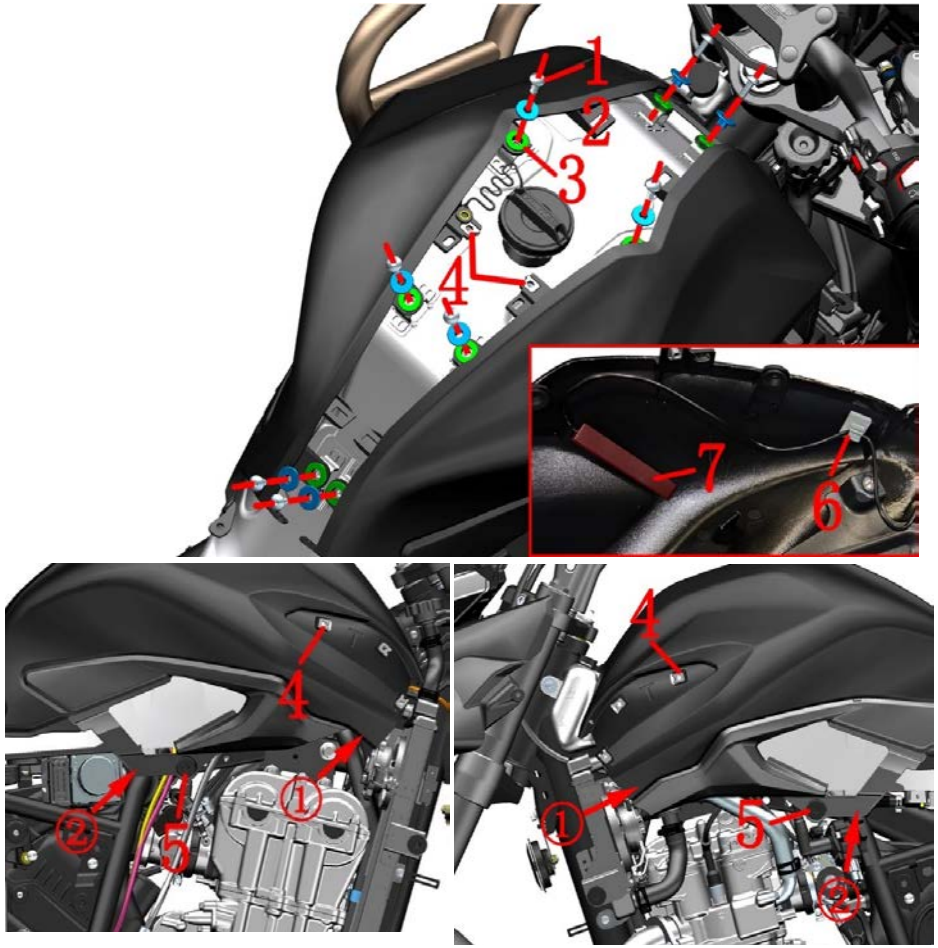


Fig.6 FUEL TANK COMPONENT		Fuel tank assembly component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	8	
2	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	8	
3	1244100-004000	ZT250－S Flanging bushing buffer	8	
4	1251300-063093	Plywood M6×11×15（color zinc）	8	
5	1244100-002000	ZT250－S Side cover round rubber	2	
6	1224200-066000	ZT310PKE External antenna mount	1	
7	1184200-053000	ZT310PKE external single antenna	1	

PROCEDURE：

●Oil tank cover assembly

Remove the 4 bolts (1) fixing the outer cover of the left oil tank with 4# hexagon socket, and remove the bushing (2) and buffer rubber (3).

Pull out in parallel at ① and ② respectively, and then remove the left oil tank assembly.

Remove the clamping plate (4) and the side cover round rubber (5) from the left oil tank assembly.

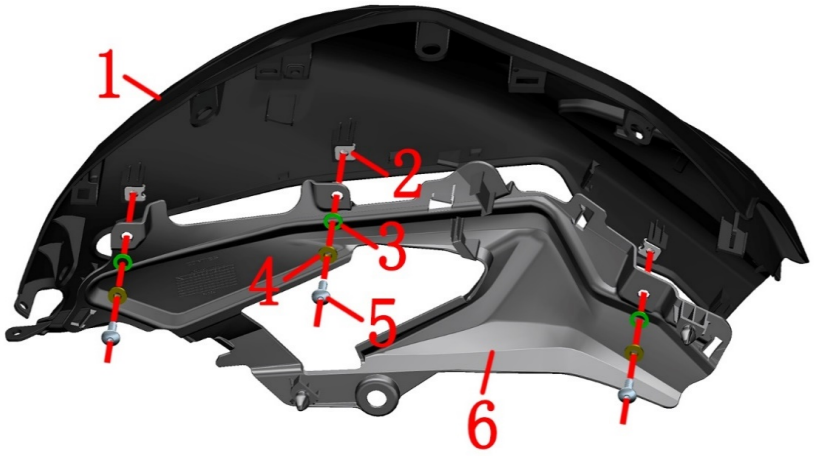
Remove the right oil tank assembly, splint and side cover round rubber according to the above steps. Find the cable connector of PKE external antenna on the right side of the oil tank, pull it off, find the external antenna fixing seat (6), press down the limit card and pull out the cable. The external single antenna (7) is pasted on the right fuel tank trim cover assembly with a Velcro and can be directly torn off by hand.

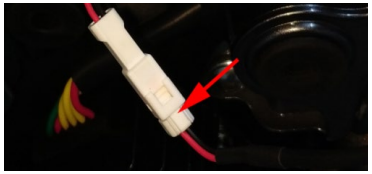
CAUTION:

●The left and right side covers, the middle cover component and the seat cushion must be removed in advance.

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

●When removing and installing the staples, use parallel force to prevent damage to the staples.







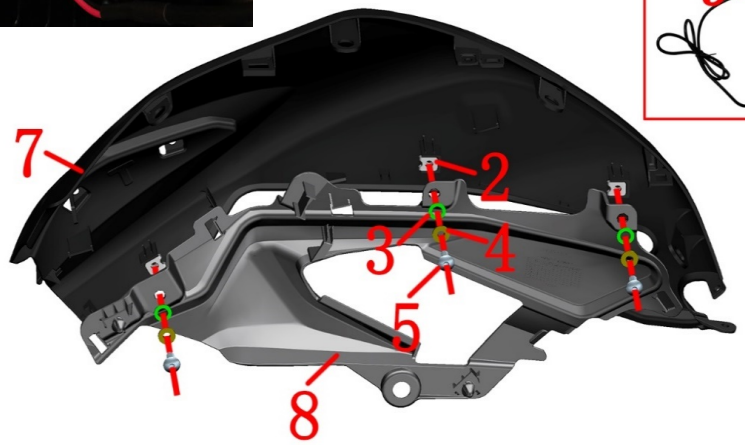


Fig.7 FUEL TANK COMPONENT		Fuel tank assembly component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310-T fuel tank left cover upper part	1	
2	1251300-063093	Plywood M6×11×15(color Zinc)	6	
3	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
4	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
6		ZT310-R lower part of left cover of fuel tank	1	
7		ZT310-T fuel tank right cover upper part	1	
8		ZT350-T fuel tank right cover lower part	1	
9	1184200-053000	ZT310PKE external single antenna	1	

PROCEDURE:

●Oil tank assembly

Remove 3 bolts (5) on the left oil tank assembly with 4# hexagon socket, and remove the bushing (4) and buffer rubber (3). Break the buckle on the upper part (1) of the left cover with a little force and remove the lower part (7) of the left cover. Remove the three clamp nuts (2) from the upper part (1) of the left cover.

Remove the upper part (7) of the right cover and the lower part (8) of the right cover according to the above steps. Remove the PKE external antenna from the upper part of the right cover of the oil tank, heat it slightly with a hot-air gun, tear off the double-sided adhesive, and clean up the residual adhesive.

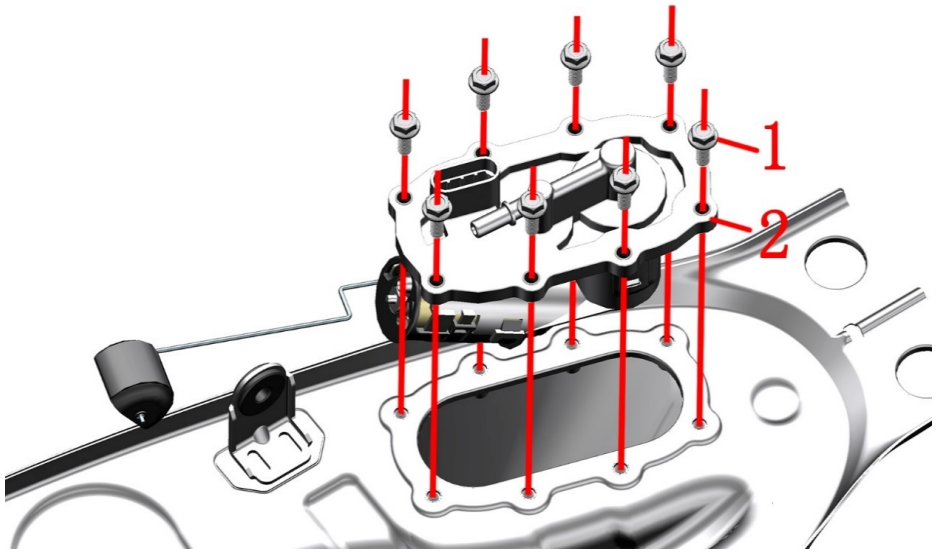
CAUTION:

●Do not pull the cable directly when unplugging the connector. The cable should not be bent or entangled excessively during component.

●Pay attention to the alignment when assembling the USB charging cable, as shown on the right.

●When removing the turn signal, the transparent lamp cover should be protected to prevent scratches.

●The PKE antenna is a Velcro + double-sided adhesive, which is adhered to the upper part of the right cover of the oil tank.



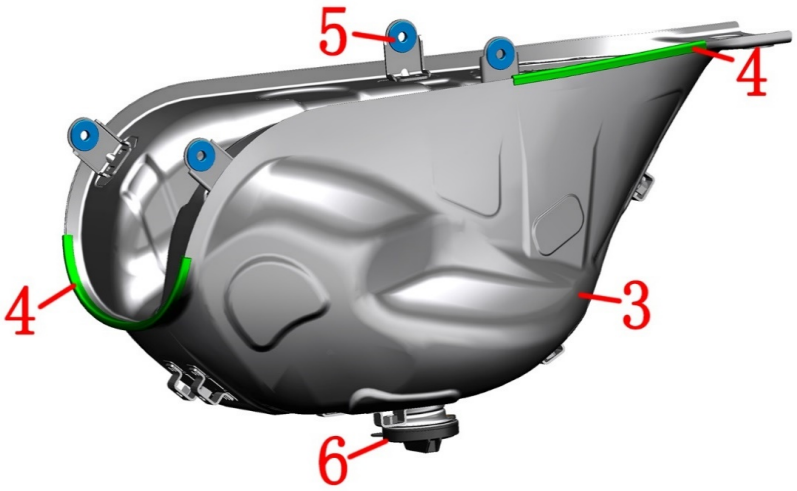


Fig. 8 FUEL TANK COMPONENT		Tank liner component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-137093	GB5789M6×16 (environmental color)	8	
2	1050958-013000	T02 built-in fuel pump (ZT350-T)	1	
3	4034200-009000	ZT310-T fuel tank liner	1	
4	1240300-021000	HJ125－6 pod glass strip （1.5m）	1	
5	1244100-002000	ZT250－S Side cover round rubber	4	
6	1224100-033000	ZT250－S thread cap of the fuel tank	1	

PROCEDURE:

●Fuel pump

Turn the tank assembly upside down and place it firmly, and then use 10# sleeve to remove 8 bolts (1).

Do not bend or bend the float connecting rod when removing the fuel pump(2) , so as to avoid inaccurate oil display.

●Fuel tank cap

Hold the oil tank cover tightly by hand and rotate it counterclockwise to remove the oil tank cover (6). Be careful not to pull the nylon rope.

●Adhesive strip

Pull the strip (4) off the end of the strip by hand.

●Side cover round glue

Remove the round rubber (5) of the side cover from the tank (3).

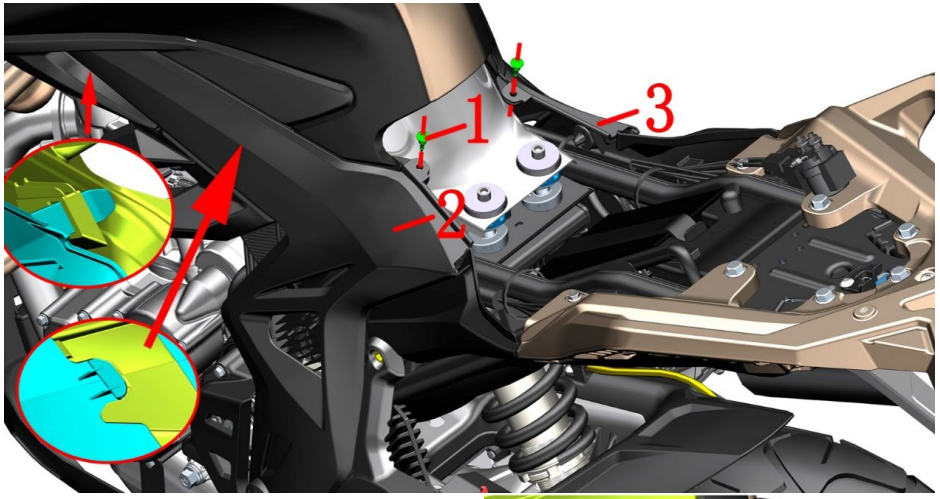
CAUTION:

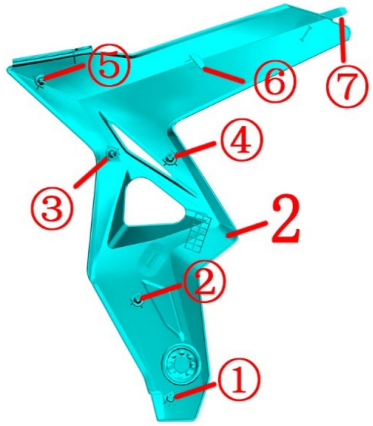
●It is recommended to use the oil pump to pump out the fuel or consume the fuel before disassembling the tank component.

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

●Reverse the fuel tank inner component When removing the fuel pump, be sure to check if the fuel tank cap has been tightened to prevent the remaining fuel from overflowing from the fuel tank port; the vent pipe 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.





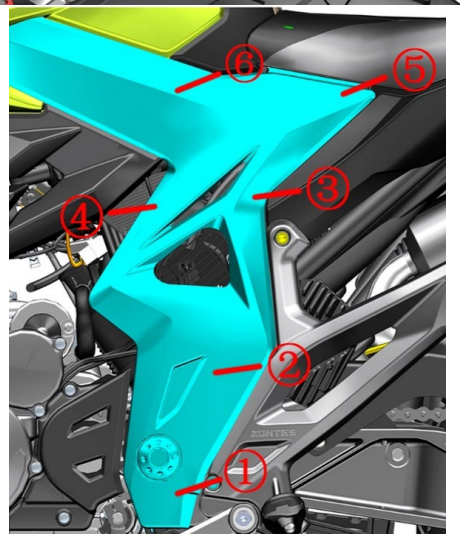


Fig.1 SIDE COVER COMPONENT		Side cover component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S expansion nail	2	
2		ZT310-R Left Cover	1	
3		ZT310-R Right Side Cover	1	

PROCEDURE:

●Side cover component

Use a small cross screwdriver or 4# inner hexagon socke to press down the center of the expansion screw and remove the two expansion screws (1).

Put your hand into the gap of the left cover and pull it out, and pull out the clip in the order of ①-②-③-④-⑤.

Grasp the upper part of the side cover with one hand and the front part of the tail skirt with the other hand, and pull the nail at the side cover (5) out of the tail skirt with force.

Slightly press ⑤ with one hand, grasp the rear of the side cover with the other hand, and pull back with force to remove the side cover from the fuel tank trim cover.

During reassembly, first insert the snap ⑥ and snap ⑦ back into the fuel tank decorative cover, and then press the snap pin of the lower side cover.

CAUTION:

●Remove the cushion in advance before removing the side cover.

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

●Protect materials and parts during disassembly to prevent scratches.

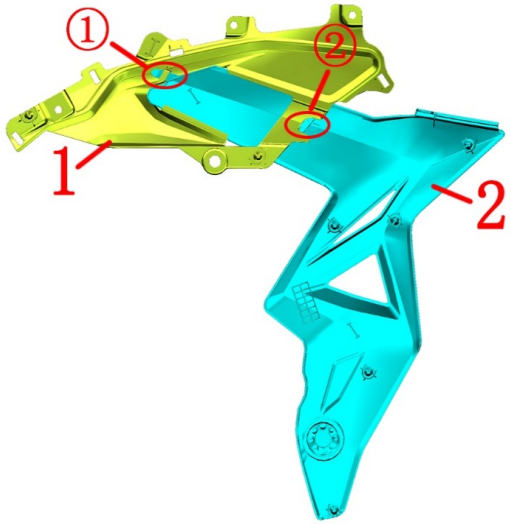




Fig.2 SIDE COVER COMPONENT		Side cover component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT350-T fuel tank right cover lower part	1	
2		ZT310-R Right Side Cover	1	
3	1184300-005000	ZT350 antenna	1	

PROCEDURE：

●Side cover component

Open the right cover (2) according to the steps of removing the "left cover", unplug the plug of the non electric induction antenna, and remove the right cover assembly. The non electric induction antenna is pasted on the side cover with Velcro and can be directly removed by hand.

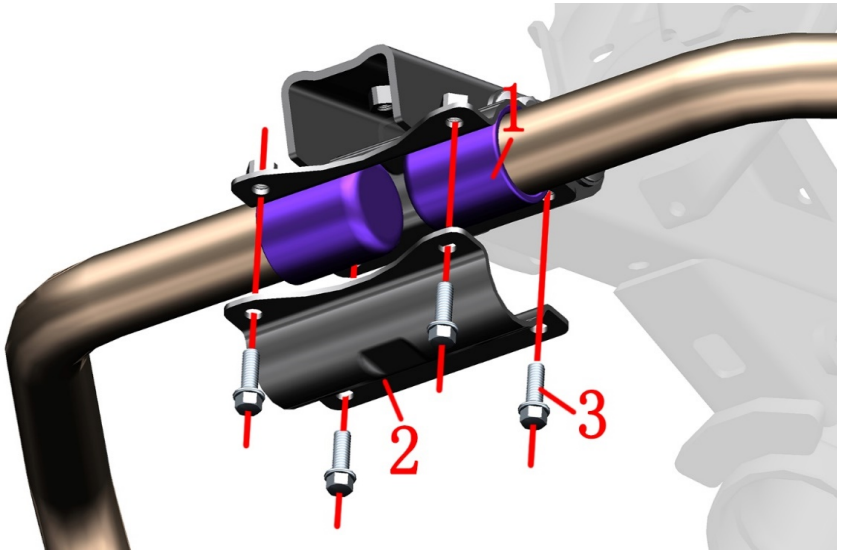
CAUTION:

●Remove the cushion in advance before removing the side cover.

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

●Protect materials and parts during disassembly to prevent scratches.

●It is forbidden to pull the cable directly.



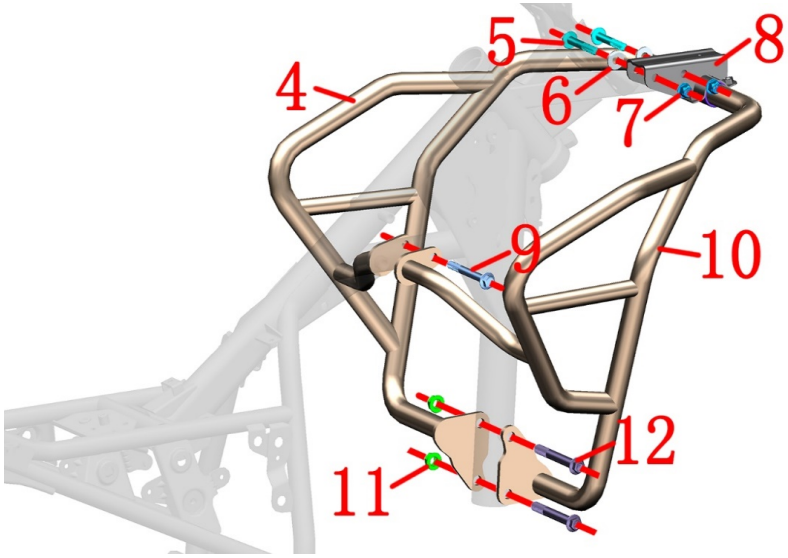


Fig1 GUARD BAR COMPONENT		Guard bar component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1144200-030000	ZT310-T retaining bar rubber sleeve	2	
2	4024200-027000	ZT310-T frame protection bar pressure plate	1	
3	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	4	
4	1144300-001000	ZT350－T left guard bar	1	
5	1251100-084093	Non-standard bolts M10×1.5×66(dacromet)	2	
6	1251500-007091	Non-standard flat mat φ10.5×φ24×2（White zinc）	2	
7	1251300-057093	Non-standard nut M10×1.5(dacromet)	2	65±5N.m
8	4024200-028000	ZT310-T guard bar mounting bracket	1	
9	1251100-060000	Non-standard bolts M10×1.5×90 (Dacro)	1	65±5N.m
10	1144300-002000	ZT350－T right guard bar	1	
11	1250305-009091	GB6187.1 M12×1.25（White zinc）	2	65±5N.m
12	1251112-023000	GB5787 non-standard bolts M12×1.25×95 (grade 10.9/Dacromet)	2	65±5N.m

PROCEDURE：

●Guard bar assembly

Use 8# sleeve to remove 4 bolts (3) at the front of the guard bar and remove the guard bar pressing plate (2). One person fixes the head of the bolt (12) with a 14# sleeve on the right side of the vehicle, and one person removes two nuts (11) with a 14# sleeve on the left side without removing the bolt (12). Then one person holds the guard bar firmly, and the other person removes the bolt (9) with 14# sleeve on the right side.

Pull out the bolt (12) and remove the left guard bar (6) and the right guard bar (3).

Remove the protective rod rubber sleeve (1) from the left and right protective rods respectively.

●Support on guard bar

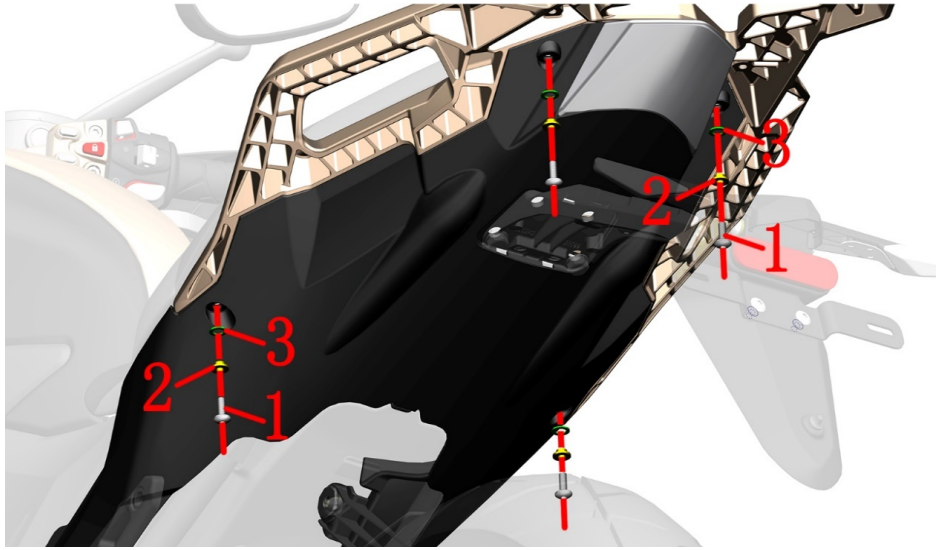
Fix the bolt (5) with the 14# sleeve, remove the nut (7) with the 14# sleeve, pull out the bolt (5), remove the flat pad (6), and remove the mounting bracket (8) on the guard bar. The mounting bracket (8) on the guard bar can be removed only after the upper part of the front mud plate is removed.

CAUTION:

●The vehicle support should be fixed before operation.

●The torque of the bolts (1)，(10) and nuts(2)，(9) must be 65±5N.m when reassembling; make sure that the guard bars are not pressed to any cables.

●When reassembling, the left and right guard bars should be assembled first, and then the guard bar pressure plate should be assembled.



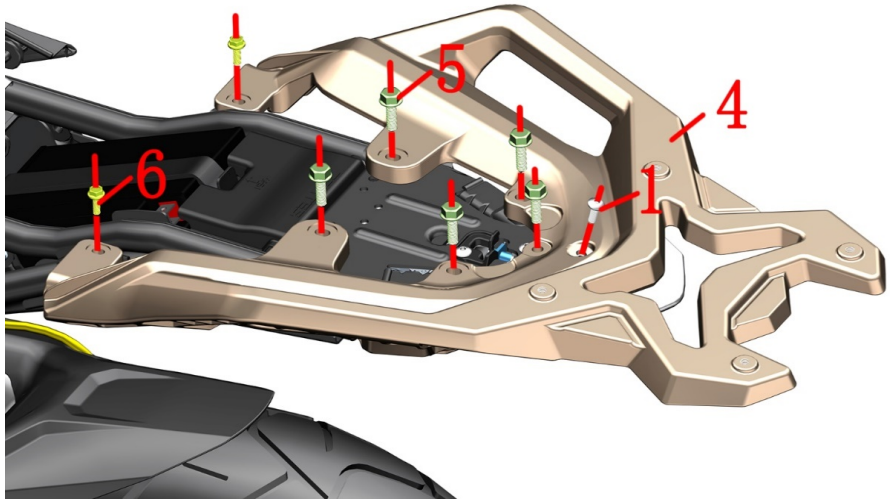


Fig.1 REAR COVER COMPONENT		Rear rack	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	5	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	4	
4	1274200-103000	ZT310-T aluminum alloy shelf	1	
5	1251100-123093	Non-standard bolt M8×25 (color zinc)	5	
6	1250105-137093	GB5789M6×16 (environmental color)	2	

PROCEDURE:

●Rear rack

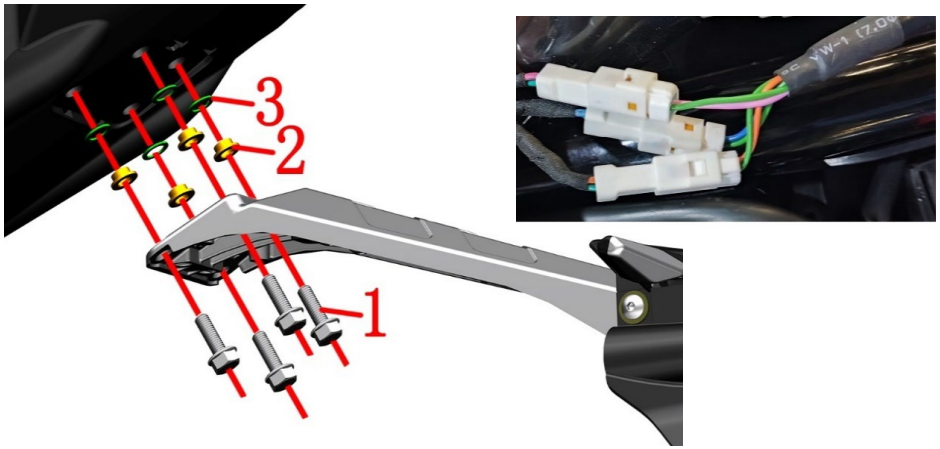
Remove the 4 bolts (1) at the bottom with 4# hexagon socket, and remove the bushing (2) and buffer rubber(3).

Then remove one bolt (1) on the shelf; Use 14# sleeve to remove 5 bolts (5) and 10# sleeve to remove 2 bolts (6) to remove shelf(4).

CAUTION：

●Remove the side cover and cushion in advance.

●During reassembly, attention shall be paid to the buckle at the head of the box cover of electrical parts to be assembled in place. Before fastening the bolts, check whether there is crimping. The line shall be sorted out before assembly.



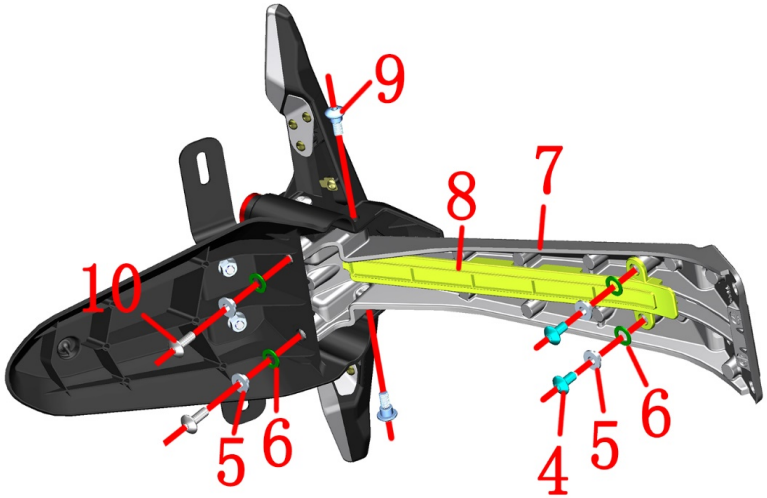


Fig.2 REAR COVER COMPONENT		Rear mud plate assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-123093	Non-standard bolt M8×25 (color zinc)	4	
2	1251700-058093	Flanging bushing φ8.2×φ11×4.5＋φ16×1.5(environmental color)	4	
3	1240300-071000	Flanging bushing rubber （φ11×φ16×1）	4	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
5	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
6	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	4	
7	4024200-071051	ZT310-X rear mudguard bracket (dark gray matte)	1	
8	1224200-033000	ZT310-X Back mudboard support cover plate	1	
9	1251100-375000	Hexagon socket head screw M6×16+8.5×5 SUS302	2	
10	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	2	

PROCEDURE:

●Rear mudboard assembly

Locate and unplug the cable connector on the rear mudboard assembly. The color is green + orange, green + blue and green + pink.

Remove 4 bolts (1) with 14# sleeve and remove the rear mud board assembly. During the removal process, pay attention not to pull the cable forcibly.

Remove 2 bolts (4) with 4# hexagon socket, remove the bushing (5) and buffer rubber (6), and remove the support cover plate (8).

Remove the 2 bolts (10) fixing the rear mud plate and support (7) with 4# inner hexagon, remove the bushing (5) and buffer rubber (6),

Remove 2 bolts (9) with 4# hexagon socket,remove the support (7).

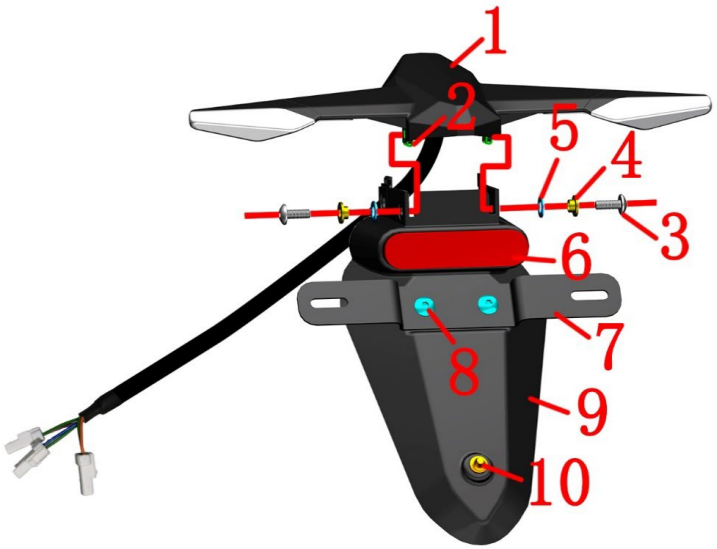
CAUTION：

●Remove the cushion in advance.

●Pay attention not to pull the cable forcibly during disassembly.

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

●The lamp cover shall be protected.



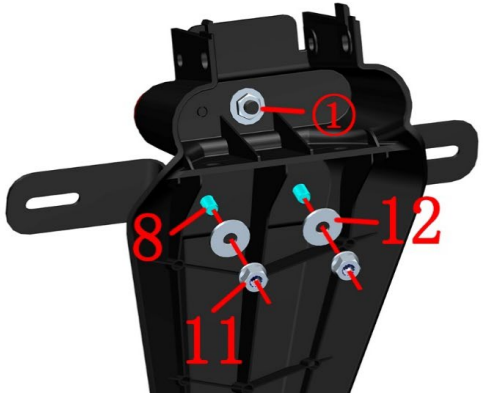


Fig.3 REAR COVER COMPONENT		Rear mud plate assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-035000	ZT310 rear turn signal (including license plate light)	1	
2	1251300-063093	Plywood M6×11×15（color zinc）	2	
3	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	2	
4	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
5	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	2	
6	1174100-002000	ZT250－S rear reflector	1	
7	1270300-039000	HJ125－6 rear license light bracket	1	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
9	1224200-032000	ZT310-X Rear fender	1	
10	1244100-006000	ZT250－S rear liceness rubber buffer	1	
11	1250303-010093	GB6177.1M6 (environmental color)	2	
12	1250502-010093	GB96.1 φ6(environmental color)	2	

PROCEDURE:

●Rear turn signal lamp

Remove 2 bolts (3) and remove the bushing (4) and buffer rubber (5). Remove the rear turn signal lamp (1). Do not pull the cable forcibly during the removal process.

Remove the splint (2) from the rear turn signal lamp (1).

●Rear license plate bracket

Fix the head of the bolt (8) with a 6# hexagon socket tool, and remove the nut (11) with a 10# sleeve on the back of the rear mudboard. Remove the bolt (8) and license plate support (7) from the rear mud plate (9).

●Rear reflector

Use 10# sleeve to remove the nut ① of rear reflector (6) and remove rear reflector (6).

●Rear license plate buffer

Remove the rear license plate buffer glue (10) from the rear mud plate (9).

CAUTION：

●Pay attention not to pull the cable forcibly during disassembly.

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

●The lamp cover shall be protected.

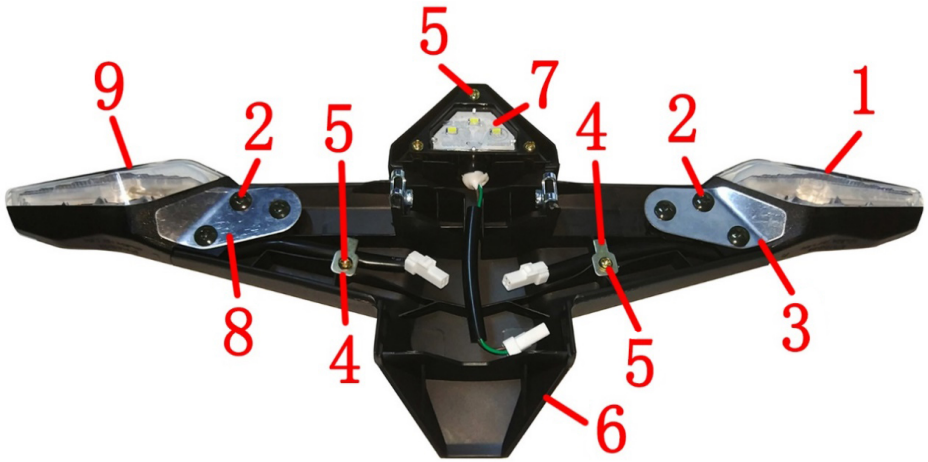




Fig.4 REAR COVER COMPONENT		Rear turning light parts for after sales service	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-020000	ZT310-X Rear right turning light	1	
2	1251200-056095	Non-standard cross self-tapping screw ST3.8×10 (military green)	6	
3	1274200-331000	ZT310-X rear right turn signal fixing bracket	1	
4	1274200-332000	ZT310 rear turn signal fixing wire clip	2	
5	1251200-057093	Non-standard cross self-tapping screw ST3.0×7 (color zinc)	5	
6	1224200-120000	ZT310 rear turn signal bracket	1	
7	1174200-021000	ZT310-X Liensed lights	1	
8	1274200-330000	ZT310-X rear left turn signal fixing bracket	1	
9	1174200-019000	ZT310-X Rear left turning light	1	
10	1184200-032000	ZT310-R adapter cable of rear turning light(L=600)	1	

PROCEDURE:

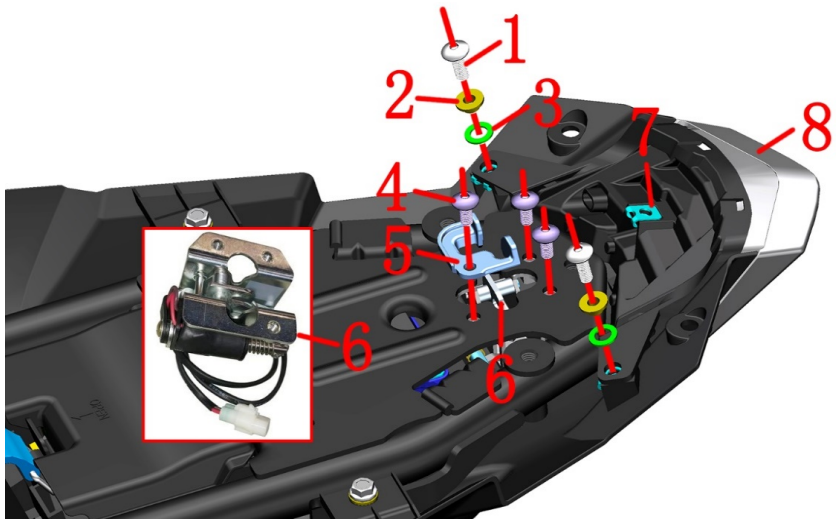
●Rear turning light（license lamp included）

Grip the rear turning light holder (6) then disassemble bolts (5) on the license lamp (7).

Disassemble 3pcs bolts (2) on the diagram left side, and then dismantle left fixing bracket (8);disassembly the screw (5) and then reomove the clip (4),take off the left turning light (9).Follow the steps above dismantle right fixing bracket (3), clip (4) and right turning light (1).

CAUTION:

●Avoid fasterning the bolt on the cable while reassembling in case of shrt circuit.



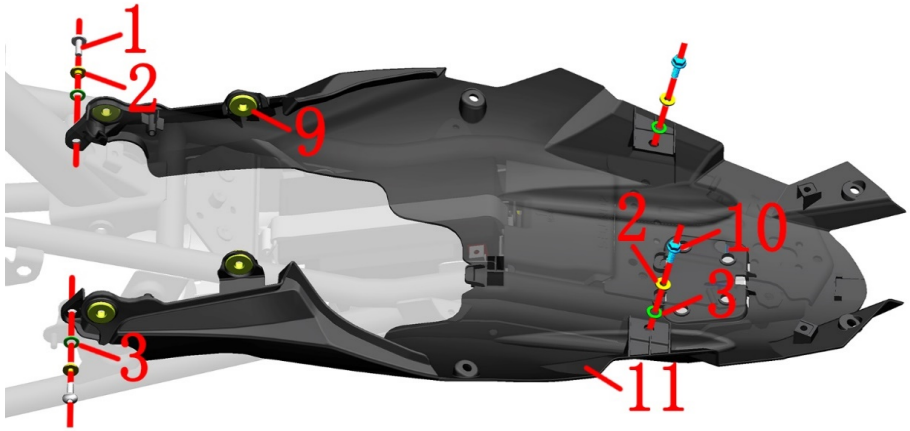


Fig.5 REAR COVER COMPONENT		Tail light and tail skirt assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	4	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	6	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
5	1224200-205000	ZT310 electronic cushion lock block	1	
6	1274100-058000	ZT310 Electric seat lock	1	
7	1251300-063093	Plywood M6×11×15（color zinc）	3	
8	1174200-023000	ZT310-T tail light	1	
9	1244100-002000	ZT250－S Side cover round rubber	4	
10	1250105-137093	GB5789M6×16 (environmental color)	2	
11	4044302-050052	ZT350-T rear fairing (dark gray)	1	

PROCEDURE:

●Tail light

First press down the anti falling card of the rear tail lamp plug, pull it up, and then pull it out. Remove the two bolts (1) fixing the tail lamp with 4# hexagon socket, remove the flanging bushing (2) and buffer rubber (3), grasp the tail lamp and pull it back to remove the tail lamp (8).

●Tail skirt

Remove the front two bolts (1) with 4# hexagon socket, remove the flanging bushing (2) and buffer rubber (3), then remove the two bolts (10) with 10# sleeve, remove the tail skirt assembly, and remove the four side cover round rubber (9) from the tail skirt assembly.

●Cushion lock

After removing the rear tail skirt, pull out the cushion lock plug, grasp the cushion lock, remove the bolt (4) fixing the guide block with 4# inner hexagon, remove the guide block (5), and then remove two bolts (4) to remove the cushion lock (6).

CAUTION:

●Remove the cushion, shelf and rear mud board in advance.

●Protect the parts from damage during the process of disassembly.

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

●The lamp cover needs to be protected.

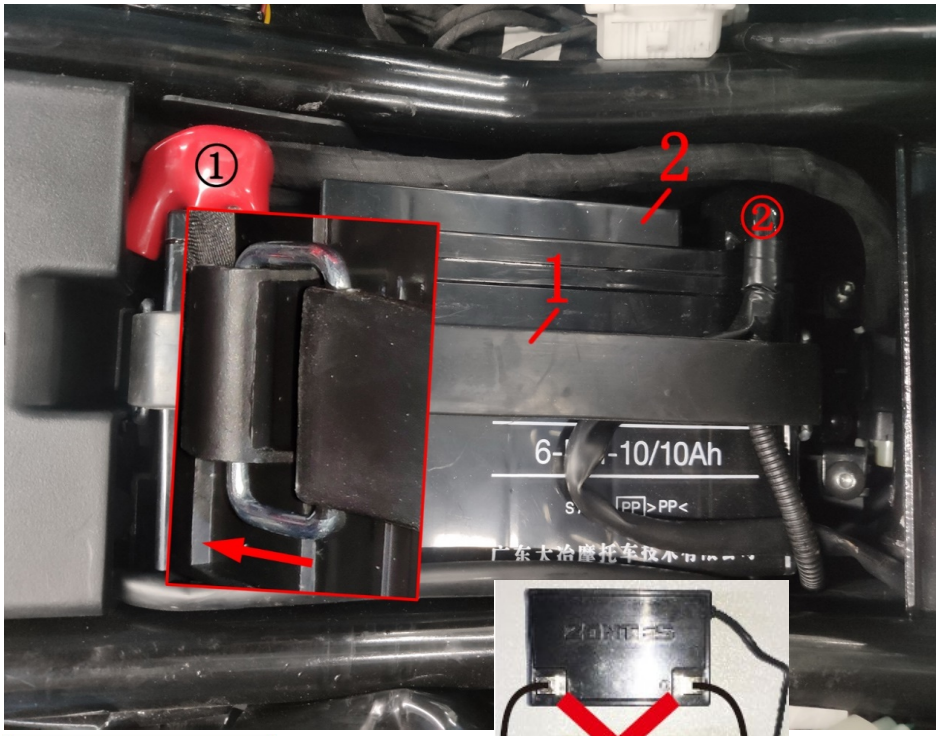












Fig.6 REAR COVER COMPONENT		Battery component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244200-111000	ZT310 gel battery strap	1	
2	1184200-099000	ZT310 colloid battery (6-FM-10/10Ah)	1	
3	1184300-037000	ZT350 Gel Battery Charger (European)	1	

PROCEDURE:

●Battery straps

Pull the metal snap ring ③ of the battery strap (1) in the direction of the arrow, press it down, remove the positive end ,by negative extreme temporarily can not be removed.

●Battery

Unscrew the black protective cap ② to remove the negative pole; then remove the red protective cap ① and remove the positive pole; remove the battery. For reinstallation, connect the positive electrode first, then connect the negative electrode. No parallel battery charging or ignition.Just use the battery charger"ZONTES" provide for you.

CAUTION:

●Be careful not to overcharge the charging time. About the use and maintenance of the battery see the instructions.

●Attention should be paid to the discomponent process to avoid damaging the material. Attention must be paid to the installation sequence when removing the battery.

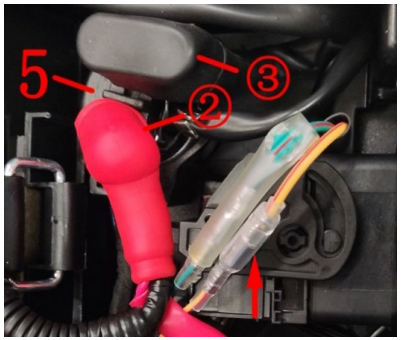
●The battery voltage should be checked regularly. If it is lower than 12V, it is recommended to charge it in time; it must not be overcharged; it should be taken out of storage for a long time without being used, and it should be charged once a month.

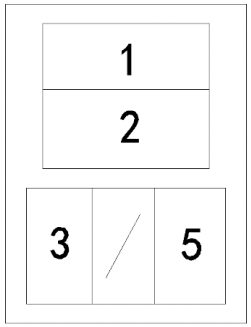
●Reassemble the battery or fuse, etc. Remember to remember to reset the EFI hardware: Turn on the key-Ignition- 10 seconds After the ignition is turned off - After 10 seconds Turn on the ignition switch and repeat 2 times.

●If the battery has reached the end of its useful life, it should be handed over to a qualified organization or a dedicated recycling center for proper disposal. Discard it at will.









The cable end



Fuel-injection relay

Fig.7 REAR COVER COMPONENT		Electrical component box component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-175000	ZT310-T upper cover, Gel battery box	1	
2	1244200-111000	ZT310 gel battery strap	1	
3	1184200-099000	ZT310 colloid battery (6-FM-10/10Ah)	1	
4	1184100-017000	ZT250－S fuel-injection relay	5	
5	1184100-010000	ZT250－S starting relay	1	

PROCEDURE：

●Upper cover of battery box

Directly press and hold the buckle at ① of the upper cover of the battery box by hand and pull it in the direction of the arrow to remove the upper cover of the electrical parts box (1).

●Start relay

Open the red rubber cap ② and black rubber cap ③ of the starting relay (5) respectively, and then use 10# sleeve to remove the nut.

Find the plug and pull out the Yellow / red and green / red wires. Pull up the start relay and 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.

●Relay holder

Find the rubber sleeve as shown in the left figure on the left side of the tail skirt, and open it to see the EFI relay (4). The corresponding text description is printed on the plug at the cable end.

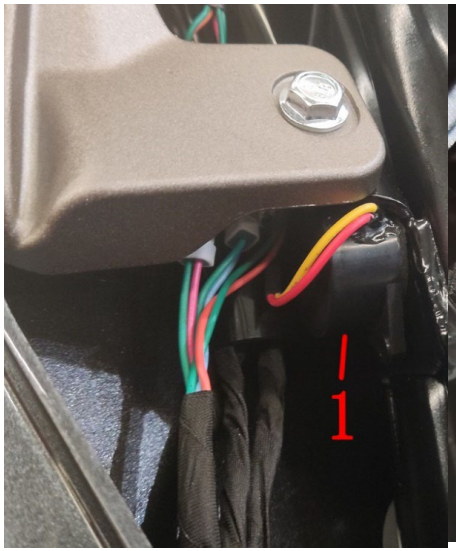
To check whether it is damaged, pull it out and turn it over to the side of the plug-in piece. As shown in the figure, 3 and 5 are normally closed contacts, which can be tested with the buzzer gear of a multimeter. 1 and 2 are normally open contacts. Otherwise, it can be judged as relay fault.

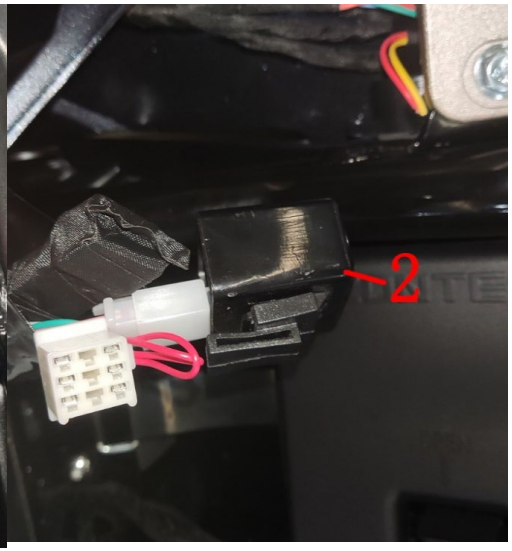
CAUTION:

●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.





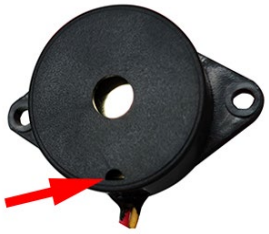


Fig.8 REAR COVER COMPONENT		Electrical component box component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1184200-016000	ZT310 PKE Buzzer	1	
2	1180300-101000	HJ150-3 square flasher (LED)	1	

PROCEDURE：

●Buzzer

Find and unplug the plug on the right side of the tail skirt. The buzzer (1) is pasted on the frame with double-sided adhesive. After heating back and forth with a hot-air gun, remove the PKE buzzer (1). Clean up the residual offset.

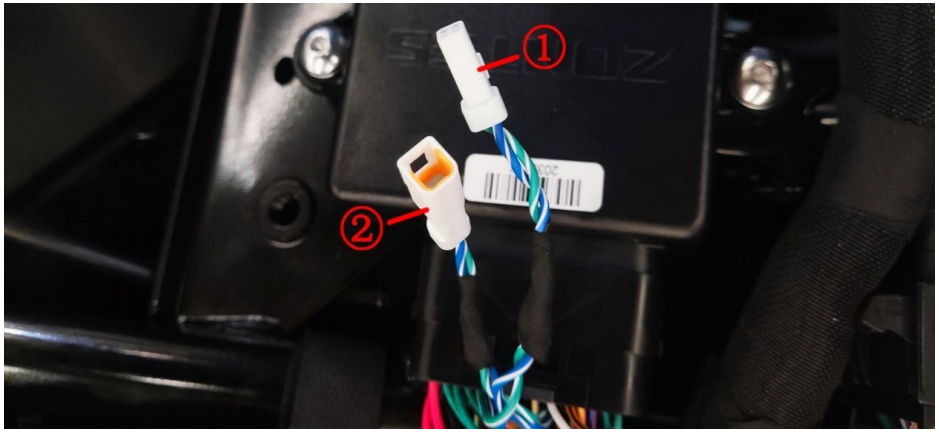
●Flasher

The flasher is on the left side of the tail skirt. Press the buckle directly by hand and pull it out to remove it.

CAUTION:

●Do not pull the cable directly when unplugging it.

●Note that the drain hole indicated by the arrow should be down or at a low positioon to avoid buzzer silencing dute to water accumulation.



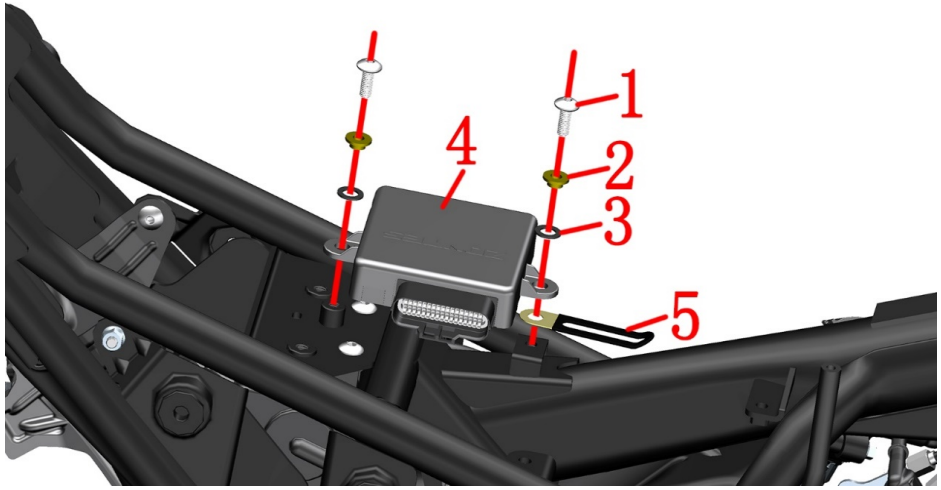


Fig.9 REAR COVER COMPONENT		PKE component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	2	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	2	
4	1184300-024100	2.5 Generation PKE Assembly (including induction key)	1	
5	1270300-273000	φ8 clip（L=73）	1	

PROCEDURE：

●Induction antenna

After pulling out the right cover, unplug the non electric induction antenna connector ② and check whether there is an electric induction mark on the surface of the side cover.

●PKE

Remove the side cover first. Fuel tank assembly, unplug PKE external single antenna connector ① and non electric induction antenna connector ②.

There is a snap 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 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 glue (5), and separate PKE support (6) from PKE host (2).

CAUTION：

●Remove the cushion, fuel tank and side cover assembly before removing PKE.

●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.

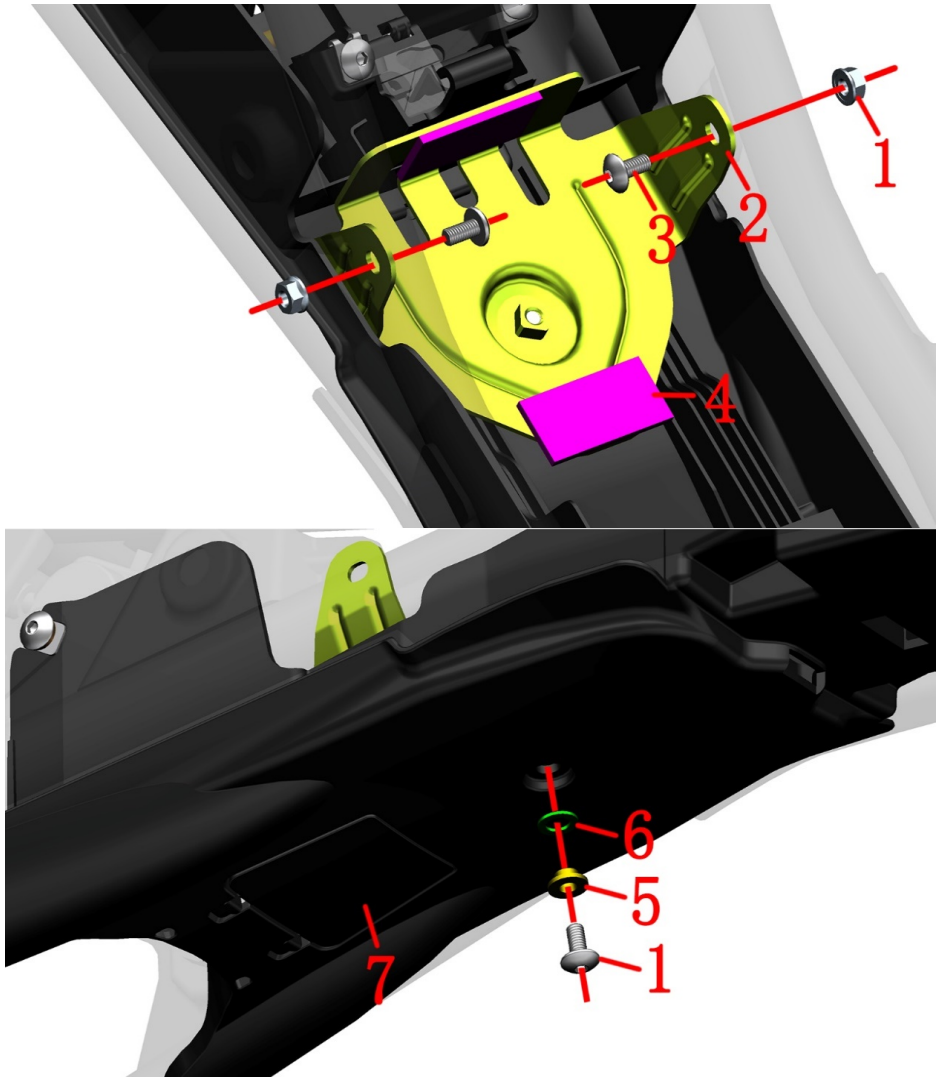


Fig.10 REAR COVER COMPONENT		Electrical device box component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6 (environmental color)	2	
2	1274200-238000	ZT310-R battery holder (gel battery)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
4	1240300-007000	HJ125－6 Battery rubber gasket	2	
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	1224200-040000	ZT310 Electric parts box lower cover	1	

PROCEDURE：

●Battery support

Fix the nut (1) with a 10# sleeve and remove the bolt (3) on the electrical component box with a 4 # hexagon socket. Then 4# remove a bolt (1) under the electrical component box with the hexagon socket, and remove the flanging bushing and buffer glue.

Heat the battery rubber pad with a hot-air gun and remove the battery rubber pad.

CAUTION:

●Remove the cushion, side cover assembly and battery assembly first.

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

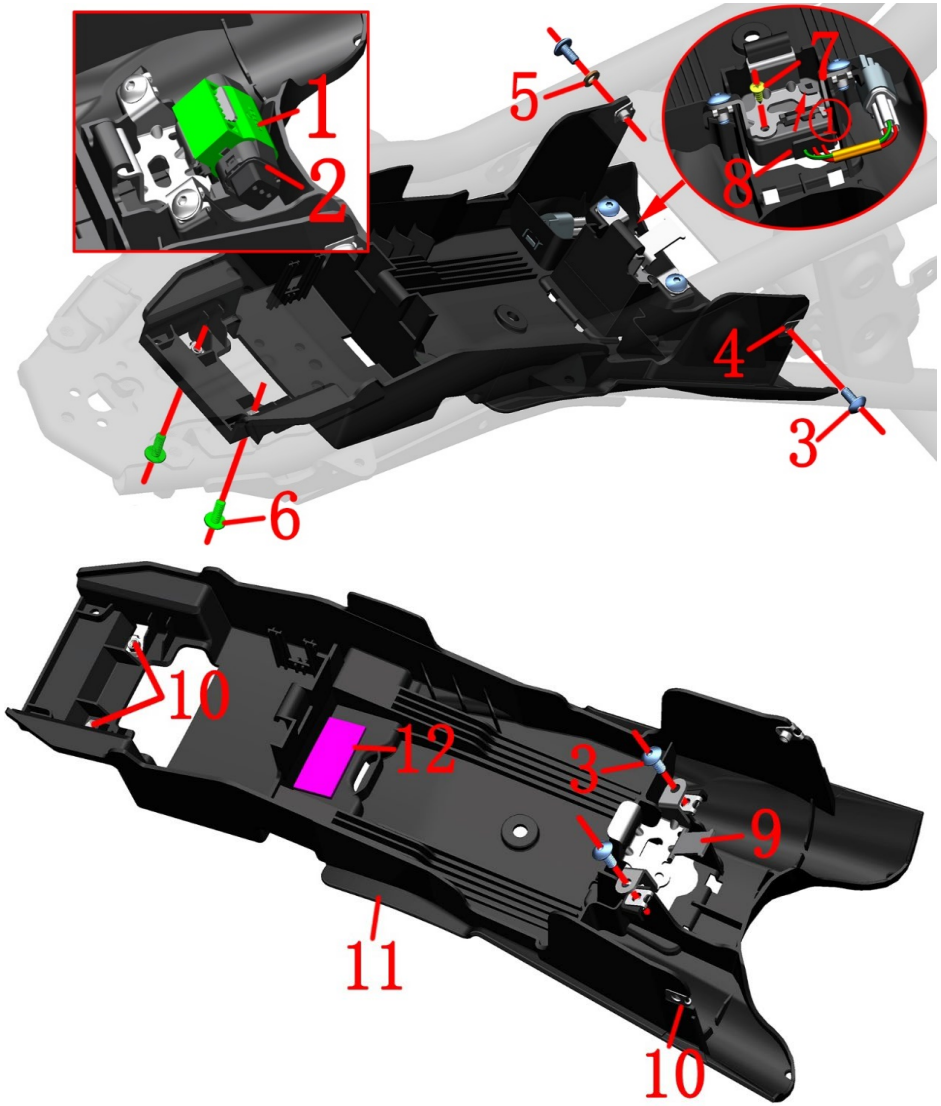


Fig.11 REAR COVER COMPONENT		Electrical device box component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-082000	ZT250-R dump switch sleeve	1	
2	1184100-002000	ZT250-S dump switch	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
4	1224300-071000	ZT350-T electrical device box	1	
5	1251513-001019	6.3×12×1.6 copper gasket	1	
6	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
7	1251200-050094	Non-standard cross tapping screws ST3.9×12	1	
8	1184300-003000	ZT350 charging port holder	1	
9	1274300-017000	ZT350-R charging port bracket	1	
10	1251300-063093	Plywood M6×11×15(color Zinc)	6	
11	1224300-071000	ZT350-T electrical device box	1	
12	1240300-007000	HJ125-6 Battery rubber gasket	1	

PROCEDURE:

●Electrical component box assembly

First remove the two bolts (3) on the front side of the electrical component box with 4# inner hexagon, remove the copper gasket (5) on the left side, and then remove the two bolts (6) on the rear side with 4# inner hexagon. After the rubber sleeve (1) connected to the charging port support is enlarged, remove the dumping switch assembly, pull out the plug of the charging port base, and then remove the electrical component box assembly from under the frame, and remove the four clamping plates (10) from the electrical component box (11).

●Charging port base

Remove the bolt (7) with a cross screwdriver, remove the buckle at the charging port seat ①, and then remove the charging port seat (8).

●Charging port bracket

Remove two bolts (3) with 4# hexagon socket to remove the bracket (9) and two clamping plates (10).

CAUTION:

●Remove the cushion rear mud plate assembly, side cover assembly and battery assembly first.

●Protect materials and parts during disassembly.

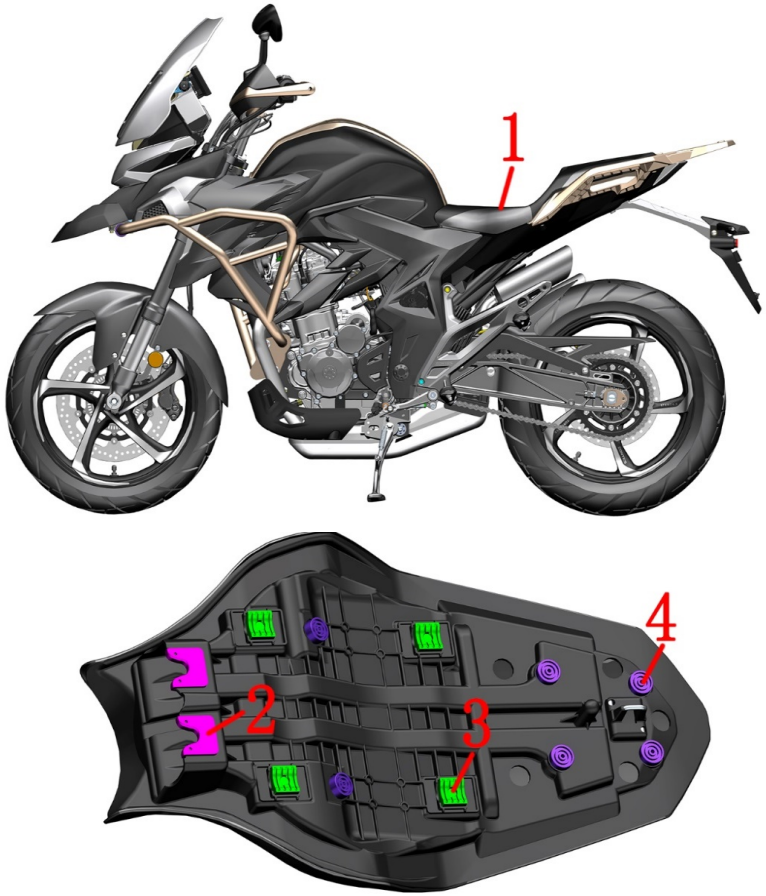


Fig.1 CUSHION COMPONENT		Cushion component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4120100-008000	ZT350－T cushion component	1	
2	1244100-024000	ZT250－S cushion front rubber	2	After-sale
3	1244300-033000	ZT350 cushion rubber	4	
4	1244100-025000	ZT250－S round cushion rubber	6	

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.

●Assembly cushion

When assembling the cushion, check whether all the cushion rubbers are complete. Insert the front part of the cushion first. After the assembly is in place, shoot the rear part of the cushion firmly. When you hear the "click"sound, it indicates that the cushion lock has been assembled.

●Cushion rubber assessory

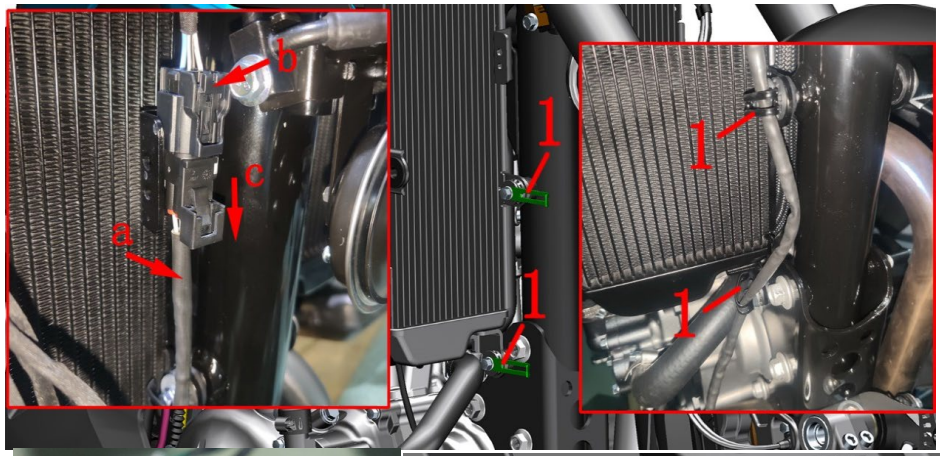
The corresponding installation position is shown in the lower left Figure.

CAUTION:

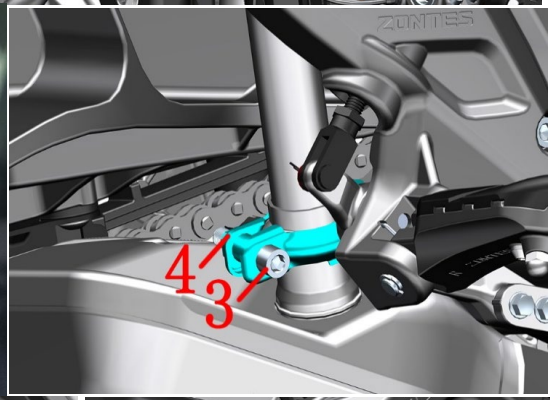
●The motorcycle should be fixed before operation.

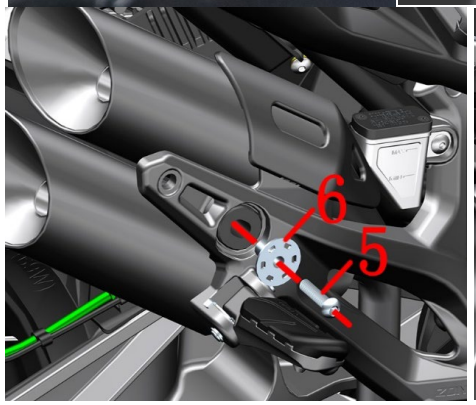
●Cushion contains all cushion rubber and locks, bolts.

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









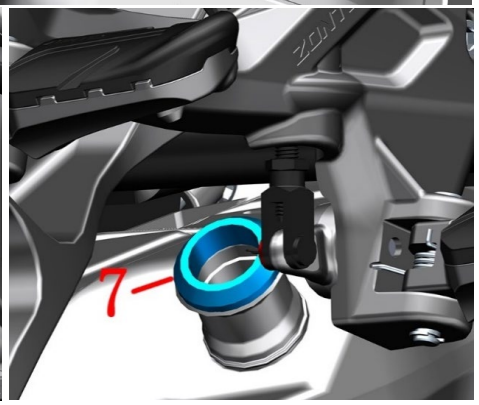


Fig.1 MUFFLER COMPONENT		Muffler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1276200-043000	φ6 wire clamp (L=57)	2	
2	1224300-085000	ZT350-R cable plastic staple	1	
3	1250205-023000	GB70.1 inner hexagonal M8×35 (color Zinc)	1	
4	1274100-074000	ZT310-R Muffler stainless steel bar clasp	1	
5	1250205-125000	GB70.2 M8×35(12.9 garde,darco)	1	
6	1020243-097000	ZT350 muffler flanging bushing (φ8.3×φ11.5×20.5×φ 8.4×φ33×1.5)	1	
7	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 ".

Lower the side stand.

Break open and find two clamps (1) in front of the right water tank and take out the itch sensor cable.

Locate the plug of the oxygen sensor on the right side of the water tank. Pull out the connector in the direction indicated by arrow "a", press the buckle indicated by arrow "b" with one hand and pull out the plug in the direction of arrow "c" with the other hand. Deduct the buckle (2) in the direction indicated by the "d" arrow.

●Muffer rear assembly

Remove the bolt(3) wiht 6# inner hexagon socket and remove clamp(4).

After support the muffer rear assembly then remove the bolt(5) wiht 6# inner hexagon socket,take off the bushing(6),remover the muffer rear assembly from the vehicle.

Take off the graphite gasket(7),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.

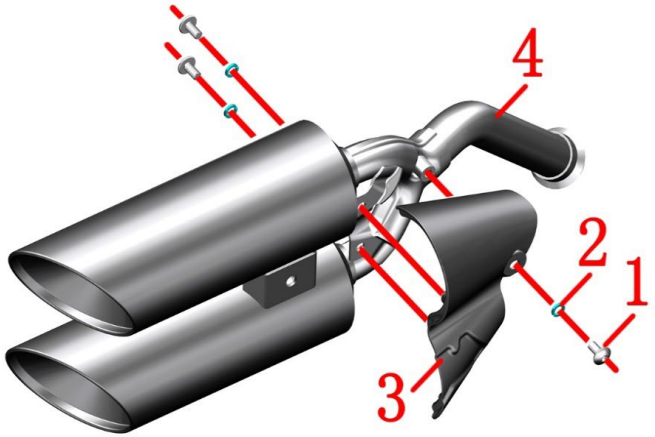
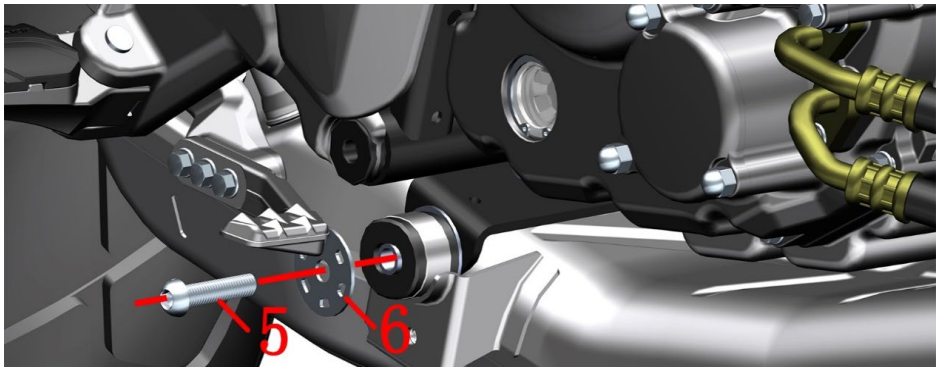
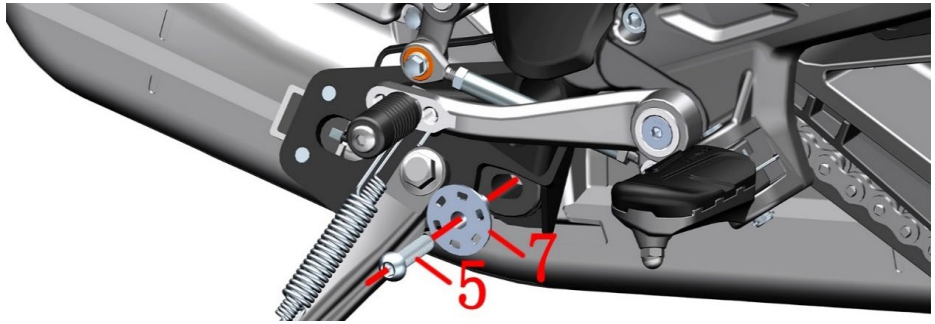


Fig.2 MUFFLER COMPONENT		Muffler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1250501-010000	GB93φ6 spring pad	3	
3	4084300-010051	ZT350－GK rear muffe decorative cover (dark gray matte)	1	
4	4084300-011051	ZT350－GK rear muffer(dark 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.

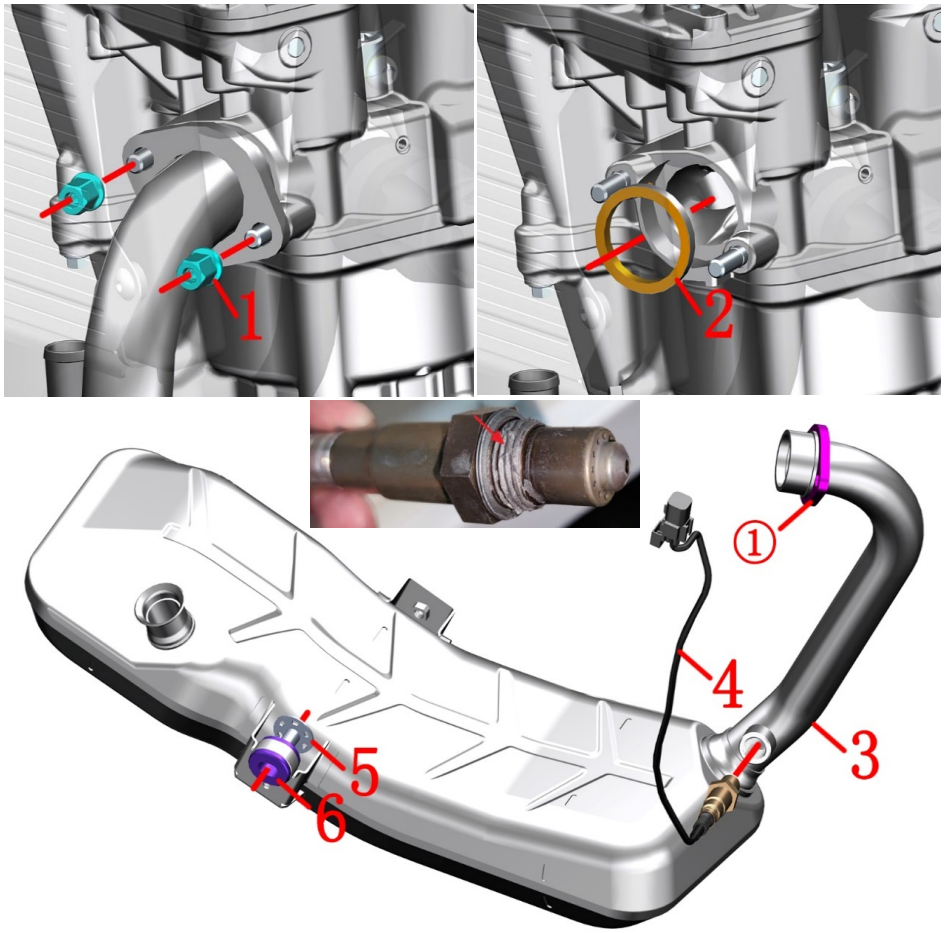
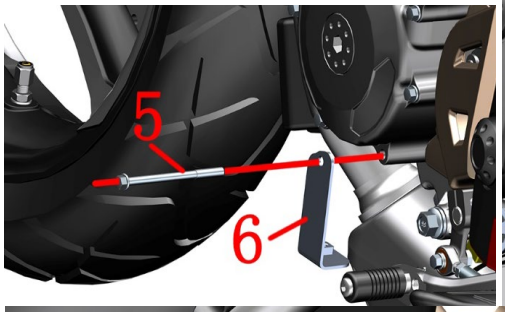


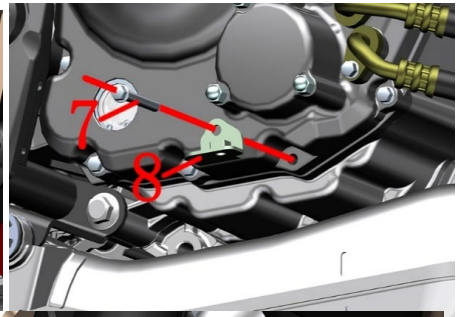
Fig.3 MUFFLER COMPONENT		Muffler component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-058093	Inner hexagonal nut M8 (color zinc)	2	
2	1070100-499000	ZT350-GK engine exhaust outlet seal	1	
3	4084300-012000	ZT350-GK-H2 front muffler (self-made/Europe Ⅴ /Bosch EFI version)	1	
4	1050970-011000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

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.

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







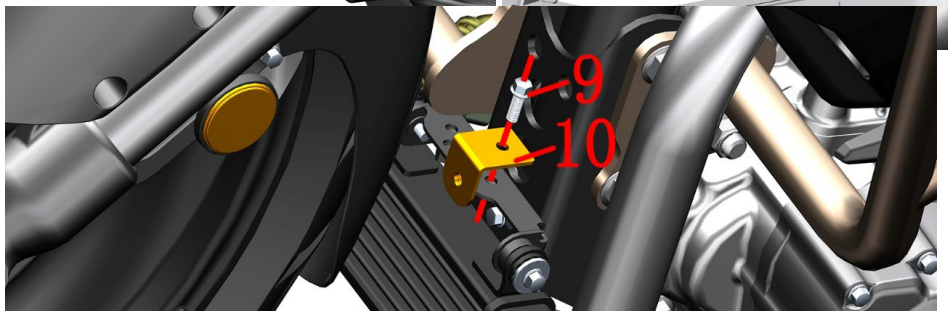


Fig.1 LOWER SHROUD COMPONENT		Lower shroud component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
2	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	3	
3	1244100-004000	ZT250－S Flanging bushing buffer	3	
4	1224300-001000	ZT350－T lower decorative cover	1	
5	1251112-005093	M6×75 hexagon flange bolts (environmental color)	1	12±1.5N.m
6	1274300-002000	ZT350－T lower docorative cover left bracket	1	
7	1251112-003093	M6×45 Hex flange surface 9.8 bolt (color zinc)	1	12±1.5N.m
8	1274300-003000	ZT350－T lower docorative cover right bracket	1	
9	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	1	
10	1274300-004000	ZT350－T lower shroud front bracket	1	

PROCEDURE:

●Lower shroud assembly

Raise the vehicle with the platform, remove the bolt (1) at the front support fixing the lower shroud, and remove the flanging bushing (2).

Hold the lower shroud assembly with one hand and remove the bolts (1) on the left and right sides of the lower shroud with 8# sleeve tools, and then remove the flanging bushing (2); Take down the deflector assembly and place it.Take down 3 pieces of flanging bushing buffer glue (3) from the lower deflector.

●Lower shroud support

After grasping the left support (6), remove the bolt (5) with 8# sleeve, remove the support and pack back the bolt (5).

After grasping the right support (8), remove the bolt (7) with 8# sleeve, remove the support and pack back the bolt (7).

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 (7) must meet the standard torque and must be coated with a thread tightening glue.