ZT350-X(EURO V)

Service manual

2025/12/22

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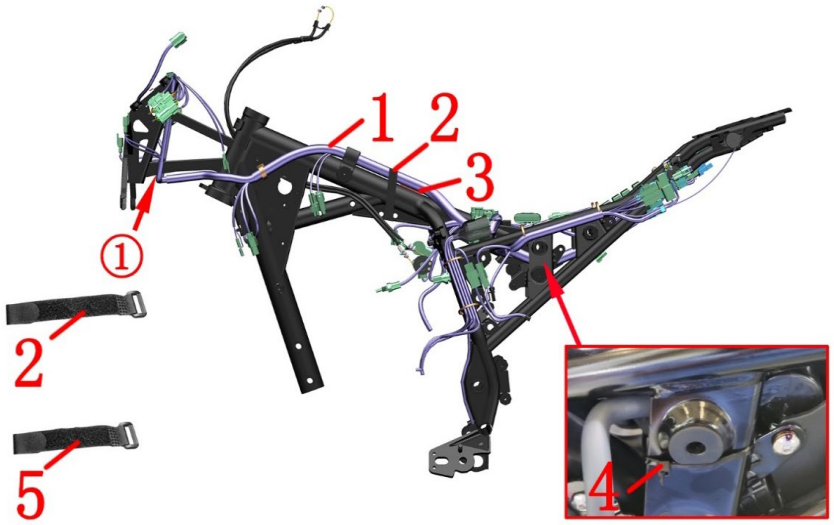
All the information, illustrations and photographs collected in this manual are compiled according to the latest products. However, there may be some inconsistencies between your motorcycle and this manual due to the continuous improvement of the product and other changes.



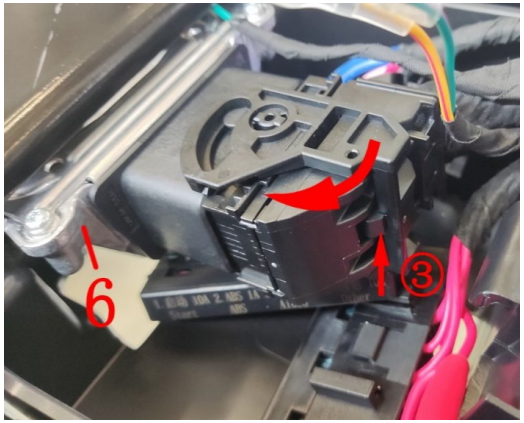


Fig.1 FRAME&ELECTRONIC COMPONENT		Electricity assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1184300-008000	ZT350-X wiring harness assembly (A)	1	
2	1224300-111000	Reverse buckle Velcro strap (20×300mm)	1	
3	1240300-007000	HJ125-6 Battery rubber gasket	1	
4	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	3	
5	1224300-110000	Reverse buckle Velcro strap (20×200mm)	11	
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.

There are 2 tales at the point of the driving head①, and the tie(4) at the left cover should be cut, and the entire body has 11 tie(3) and a tie(2).

●ECU

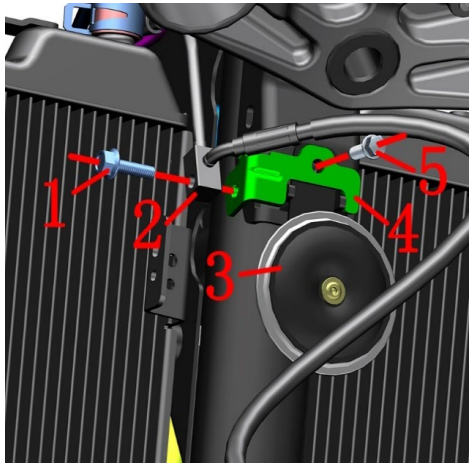
Find the ECU plug at the rear of the frame, press the anti release buckle at ③, rotate clockwise and pull out the plug. Tidy up the fuse box and harness and take out the ECU(6).

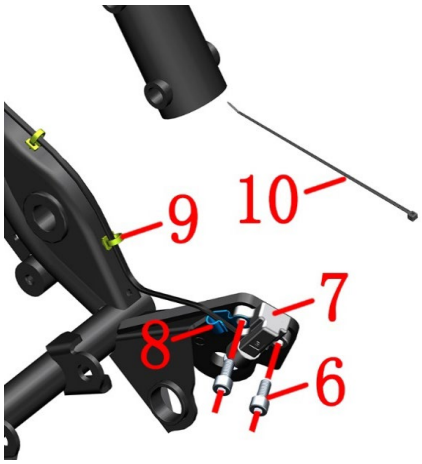
CAUTION:

●You need to remove the head assembly, the direction, the assembly, the cushion, the fuel tank, etc.

●Pay attention to the restrictions of the bracket when removing the flash device and the dumping switch.

●Pay attention to the direction and angle when inserting the electrical device, so as to avoid poor contact with bending electrical computers and prohibit violent operations.





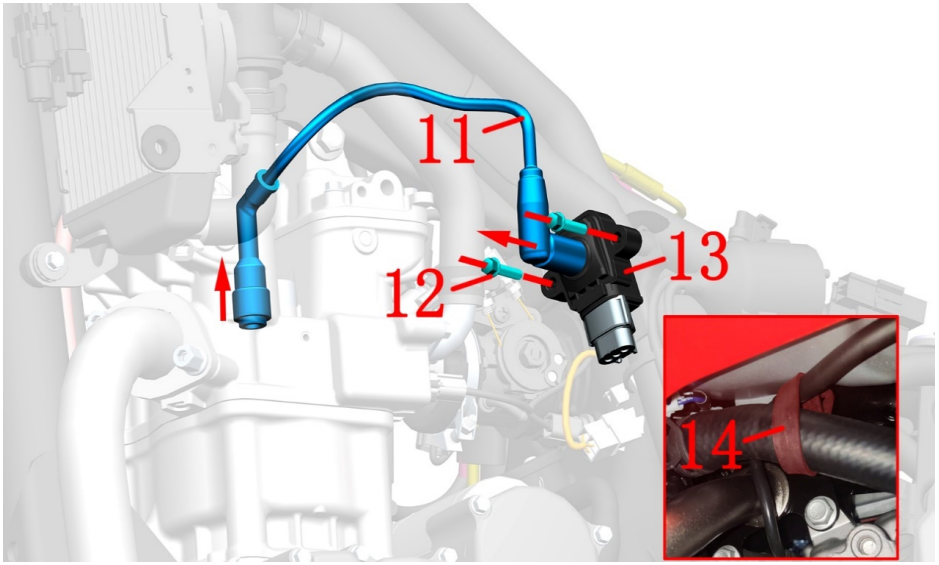


Fig.2 FRAME&ELECTRONIC COMPONENT		Electricity assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-138093	GB5789M6×20 (environmental color)	1	
2	1100100-820000	ZT350-R brake hose RC-HU section（A）	1	
3	1184200-004000	ZT310 horn	1	
4	1274300-065000	ZT350-VX front oil outlet pipe bracket	1	
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.

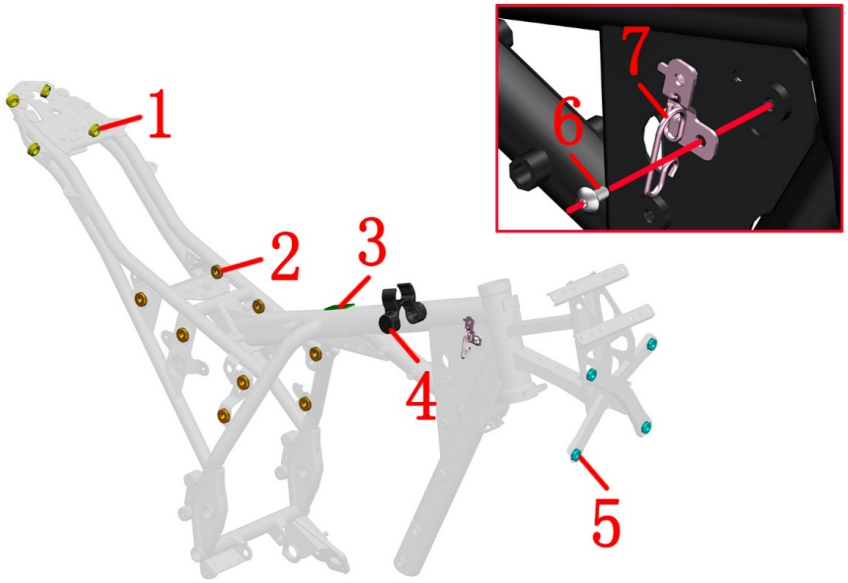


Fig.3 FRAME&ELECTRONIC COMPONENT		Frame plastic part	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-061000	ZT250 anti-water rubber of frame	4	
2	1244100-002000	ZT250-S Side cover round rubber	8	
3	1240300-007000	HJ125-6 Battery rubber gasket	1	
4	1244100-019000	ZT250-S fuel tank spacing glue	1	
5	1244100-004000	ZT250-S Flanging bushing buffer	4	
6	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
7	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	

PROCEDURE:

●Frame waterproof rubber plug

Remove the four waterproof rubber plugs (1) of the frame directly by hand.

●Battery cushion

Directly remove 8 pieces of side cover glue (2) on both sides by hand.

●Side cover cushion

After heating with a hot-air gun, tear off the battery rubber pad (3) directly by hand and clean up the residual glue.

●Fuel tank liner limit glue

Push out the fuel tank liner limit glues(4) then take off.

●Buckle

Remove 1 bolt(6) of bolts in the line buckle with 4#inner hexagonal and remove the bracket(7).

CAUTION:

●It is necessary to remove the cushion, the outer cover of the fuel tank, the water tank decorative cover, the side cover, the tail skirt, the crane on the engine.

●All parts should be properly assembled.

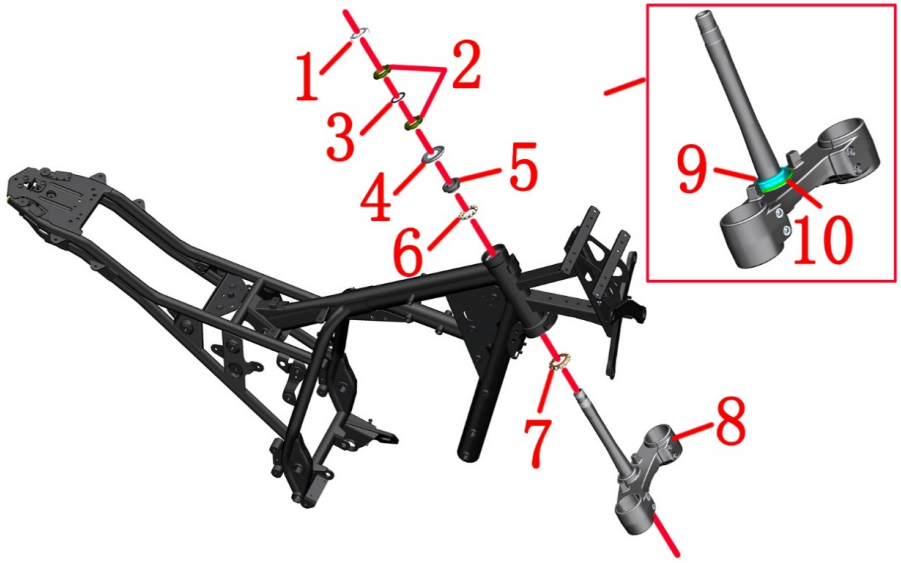


Fig.4 FRAME&ELECTRONIC COMPONENT		Direction column component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1134100-007000	ZT250-S Adjusting nut locking washer	1	
2	1251300-046093	ZT250-S direction column adjusting screw nut M24×1 (environmental color Zinc)	2	
3	1244100-015000	ZT250-S Adjusting nut rubber pad	1	
4	1244300-014000	ZT350-R upper dust cover	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-R lower connection Board (with bead top)	1	
9	1134300-003000	ZT350-R lower shaft ring	1	Piece 8 has been included
10	1244300-015000	ZT350-R dust cap(down)	1	

●Check whether the conjoined steel balls have abnormal abnormalities and rust. If you want to buy regular accessories on the official website of Shengshi, you must clean up the old lubricating oil before reorganizing.

●Be sure to check whether the conjoined steel balls are missing when re -reinstallation.

●It must be reasonable when adjusting the steering to the pine tightness. Over loosening will cause a slight shaking and abnormal noise during the emergency braking of the front of the car; too tight will cause the rotation will not be flexible and cause hidden safety hazards.

●If you have the ability and suitable tools, you can replace the axis of the lower -earnings of the lower board assembly (9) and the lower dust cover. Pay attention to the protection of the lower board during the replacement process; after replacement, you must check the parallelism of the column and the shock absorption hole, the verticality of the column and the lower board.

●During the brake, the front fork is slightly moving or the direction of the tire is checked when the tire pressure is recommended at normal temperature when swinging. The gas pressure is recommended at normal temperature: normal temperature: standard 290kPa.

If you are lower than the recommended air pressure, you should inflatter the front tire to 350kPa, and then deflate it to whether the standard air pressure test is lifted. If you support the front wheels and rotate the tire, if there is some grinding or deformation, the front tire needs to be replaced. Otherwise, you need to adjust the adjustment of the nut.

PROCEDURE:

●Dissembly

Take off the lock washer(1).

Use a special four-jaw socket or hook wrench to remove the uppermost adjusting nut(2).

Remove the rubber pad (3).

Hold the lower link plate assembly (8) with one hand, and remove the adjusting nut (2) with the special four-claw socket or hook wrench with the other hand.

Remove the lower link plate assembly (8).

Remove the upper dust cover (4).

Remove the shaft washer (5) and the conjoined steel ball (6) on the upper part of the front riser.

Remove the conjoined steel ball (7) at the lower link plate assembly (8).

●Assemble

When the assembly is re -assembled, the conjoined steel bead needs to be evenly applied to lubricate oil, pay attention to the amount of oil.

The adjustment nut that is close to the dust cover requires a torque of about 14n.m. It is advisable to flexibly rotate the stagnation without stagnation.

The top adjustment nut can only be aligned with the nuts underneath, and it cannot be too tight to prevent the glue pad from deforming too much.

CAUTION:

●You need to remove the head assembly first, the direction to put the assembly, and the front shock absorption.

●Pay attention to the fixation of the vehicle to be repaired during disassembly to prevent accidents from dumping.

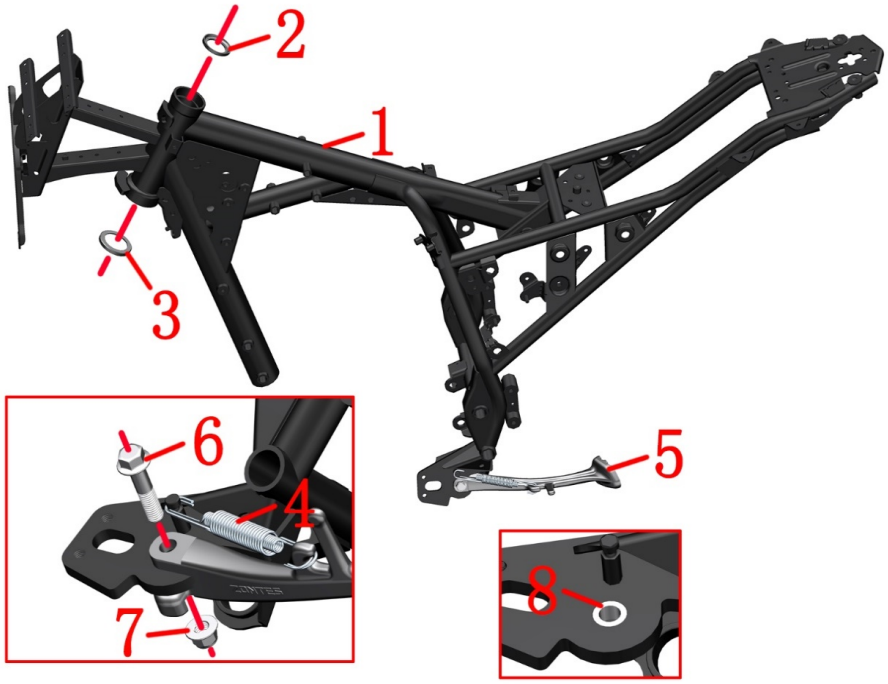


Fig.5 FRAME&ELECTRONIC COMPONENT		Frame, side bracket	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4014300-011000	ZT350-X frame after-sales assembly(including seat/310	1	
2	1130900-026000	ZT250-S upper steel bowl	1	After-sales
3	1134300-001000	ZT350-R lower seat ring	1	After-sales
4	1264100-001000	ZT250-S 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:

●You need to remove the direction first to the assembly, the direction column assembly, etc.

●All parts should be properly assembled in place. Pay attention to safety when disassembling the side bracket spring. Circles need to apply lubricating oil to reduce the pupil rotation resistance.

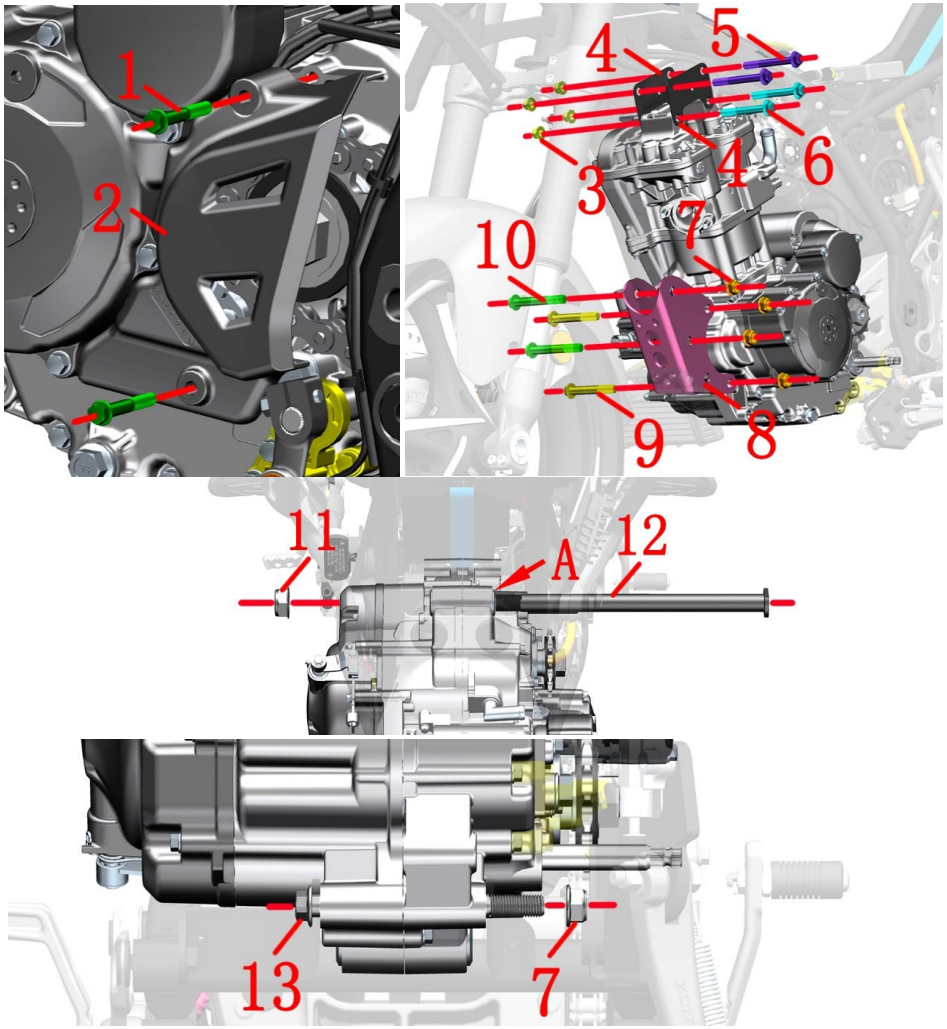


Fig.1 FRAME & ENGINE COMPONENT		Engine component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-003093	M6×45 Hex flange surface 9.8 bolt (color Zinc)	2	10N.m
2	4050854-002051	ZT310-R engine left rear cover (dark gray)	1	
3	1251300-057093	Non-standard nut M10×1.5(Dacromet)	4	
4	1274300-082000	ZT350-R engine hanger	2	
5	1251100-060000	Non-standard bolts M10X1.5X90 (Dacromet)	2	
6	1251100-132003	Non-standard bolt M10×1.5×80 (Dacromet)	2	
7	1250305-009091	GB6187.1 M12×1.25(White Zinc)	2	
8	4024300-003021	ZT350-R bracket	1	
9	1251112-019000	GB5187 non-standard bolt M12×1.25×85	2	
10	1251112-023000	GB5187 non-standard bolt M12×1.25×95	2	
11	1251300-067000	ZT250-R rear wheel hollow shaft nut	1	
12	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
13	1251100-262000	Non-standard bolt M12×1.25×127(Dacromet)	1	

●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 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.

PROCEDURE:

After removing the barrier, the bangs connected to the hanging piece and the bracket connection should be re - inserted so that the later operation can be operated.

●Engine left rear cover

The left rear cover(2) of the engine removes the bolt(1) with an 8#sleeve.

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

Fix the head of bolt(5) and bolt(6) at the connection butween the upper part of the engine and the frame with 14# sleeve,and remove nut(3) with 14# sleeve.Only remove other nuts of the nut cannot be removed.Use 14#sleeve to fix the bolts(9) and bolts(10) at the head at the head of the bracket, and then remove the nut (7) at the 17#sleeve.Use 14#sleeve to fix the bolt at the head of the engine, and then remove the nut (7) for 17#sleeve.You cannot remove the bolts(5), (6), (9), (10), and hanging slices(4).

●Remove the engine

Disassemble the engine with a 24#opening wrench and fix the head of the flat fork shaft, and remove the nut (11) with a 30#sleeve.One person shakes slightly after the flat fork assembly, and the one will draw a flat fork shaft (12) — A.At the same time, the two hold the engine left and right boxes; one person removes the bolts, bolts, and hanging slices at the hanging slices, and then remove the bolts, bolts and brackets on the front bracket, and finally take it. The bolts hanging under the engine.Keeping the engine into one side, pay attention to safety during the movement. Put the engine on the flat ground.

CAUTION:

●The coolant should be drained before disassembly.

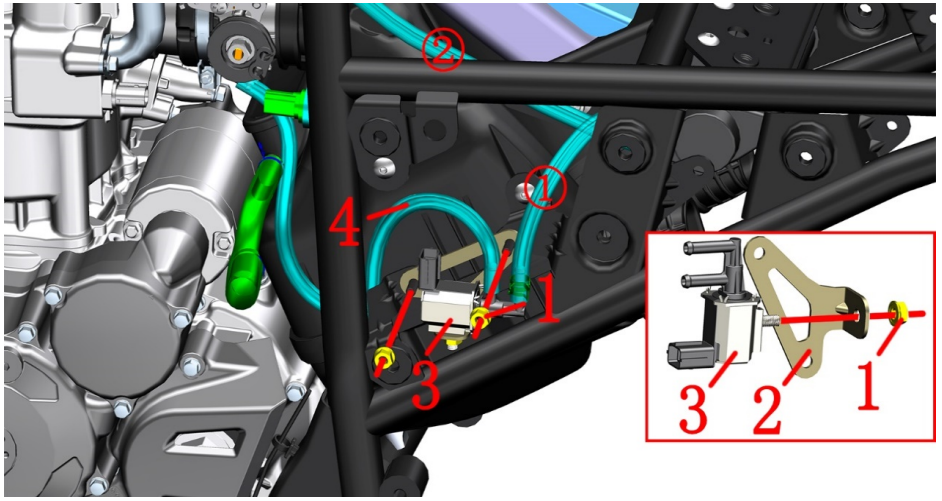


Fig.1 INDUCTION SYSTEM COMPONENT		Maintain the filter element of the air filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6 (environmental color)	3	
2	1274300-038000	ZT350-R carbon canister solenoid valve bracket	1	
3	1050954-009000	YH canister solenoid valve	1	
4	1050958-015000	ZT44 Throttle Valve Decoupling Rubber Tube (Φ6×Φ10×L420+Φ9 pipe clamp ×2)	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1224300-069000	ZT350-R carbon canister (with fuel pipe)	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(8)on the air filter(7).If the sealant③ falls off when pull out the sensor(8),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.

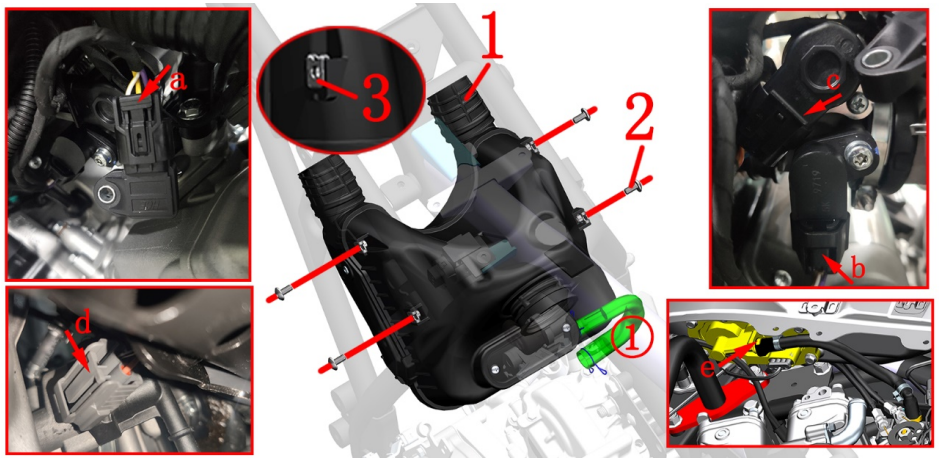
CAUTION:

●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.



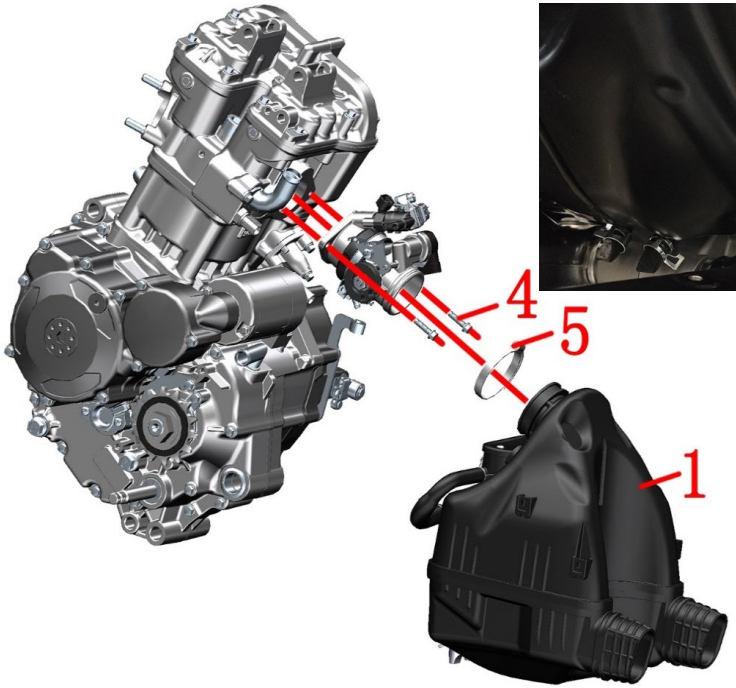


Fig.2 INDUCTION SYSTEM COMPONENT		The air filter assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-002000	ZT350-T air filter	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
3	1251300-063093	Plywood M6×11×15(color Zinc)	4	
4	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
5	1051371-002000	Φ59×9 pipe clamp assembly	1	
6	1224300-110000	1224300-110000	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.

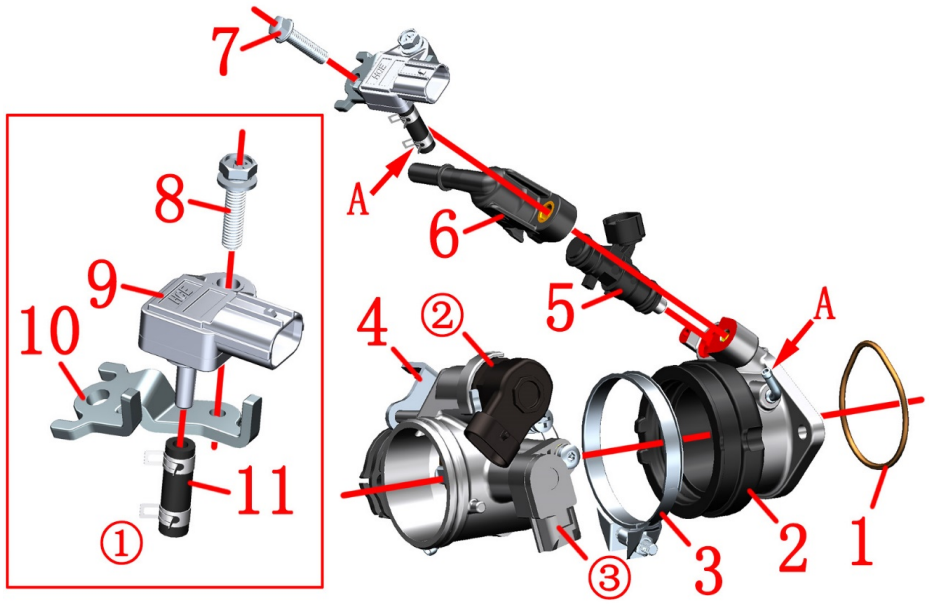


Fig.3 INDUCTION SYSTEM COMPONENT		Throttle valve body component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1051454-016000	45×2.5 Fluorine rubber O-ring	1	
2	1050958-003000	ZT184 MP Intake pipe assembly	1	
3	1051354-004000	Φ56×10 clamp components	1	
4	1050958-001000	ZT44 Throttle body part component (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 sensorMAP01	1	
10	1050958-009000	ZT350Fixed bracket for external intake pressure sensor	1	
11	1050958-008000	Air intake pressure sensor connection hose (φ3.5×φ7.5 ×L30)	1	

PROCEDURE:

●Throttle valve body assembly

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

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

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

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

●External intake air pressure sensor

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

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

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

●Check whether the stepping motor② is damaged

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

●Check whether the throttle position sensor ③ is damaged

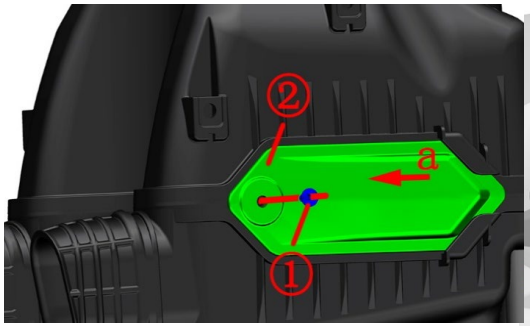
Connect the diagnostic instrument to the whole vehicle, press the flameout switch (without ignition), turn the throttle handle from the initial position to fully open, and check whether the throttle position signal changes from 0 to 100.

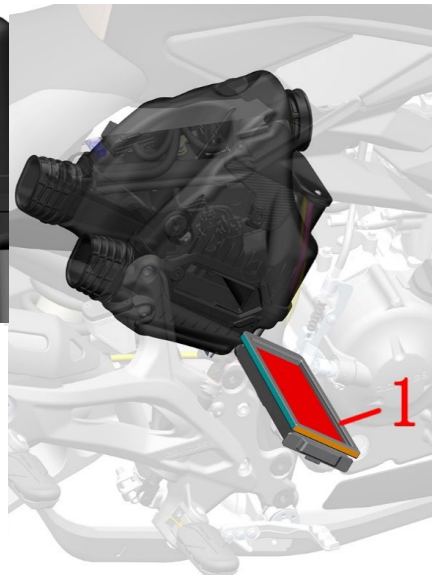
CAUTION:

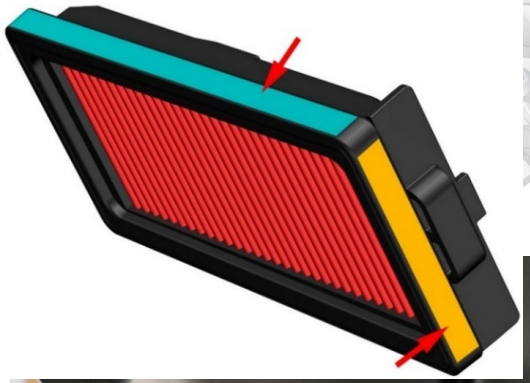
●Pay attenion to force when removing clamp.

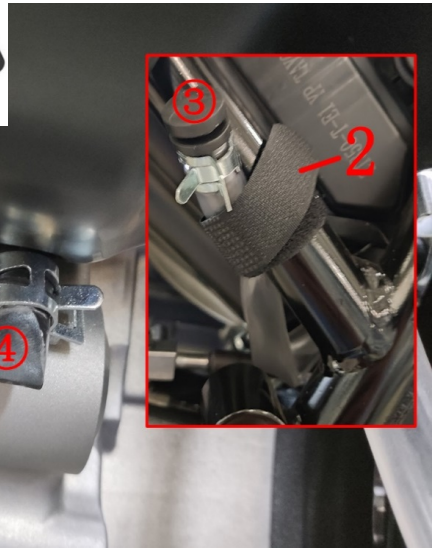
●Before reassembly, check the o-ring (1) for damage and replace it if any.

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









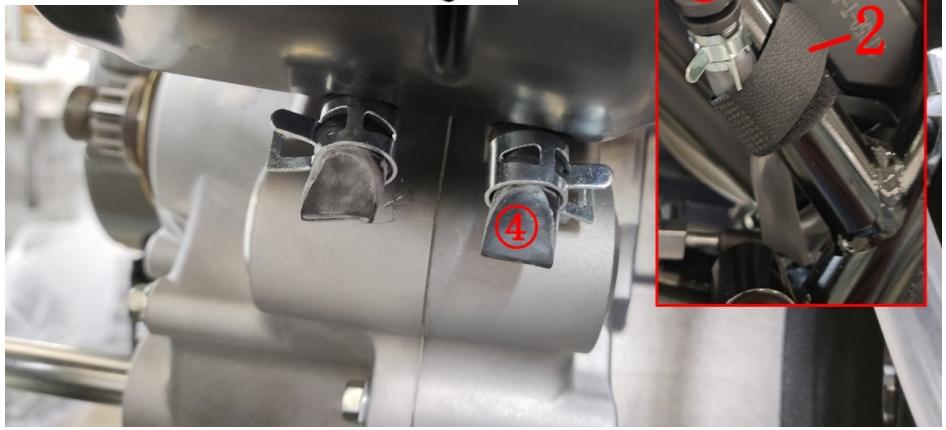


Fig.4 INDUCTION SYSTEM COMPONENT		Replace air filter element	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4134300-003000	ZT350－Tair filter core (with carton packaging)	1	
2	1224300-110000	Reverse buckle Velcro strap (20×200mm)	1	

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:

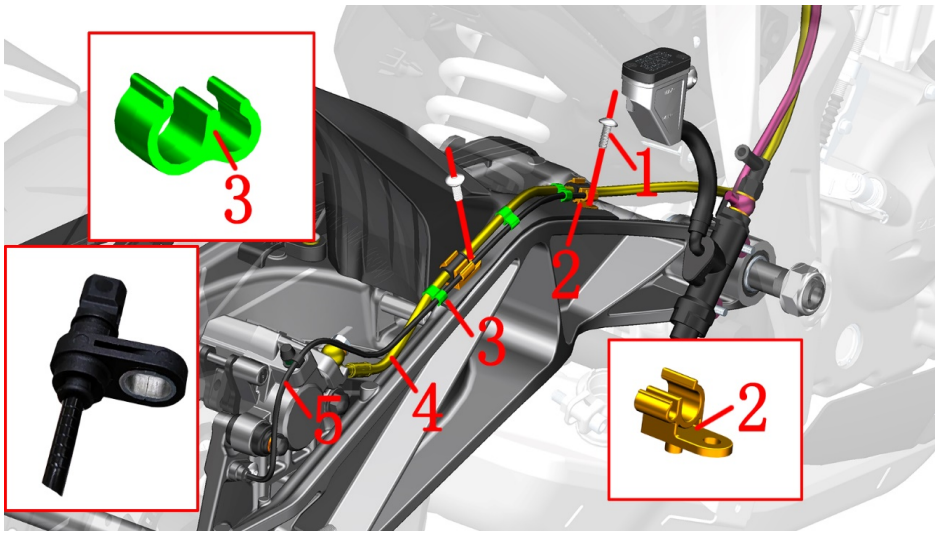
●First remove the side cover and remove the cable.

●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.



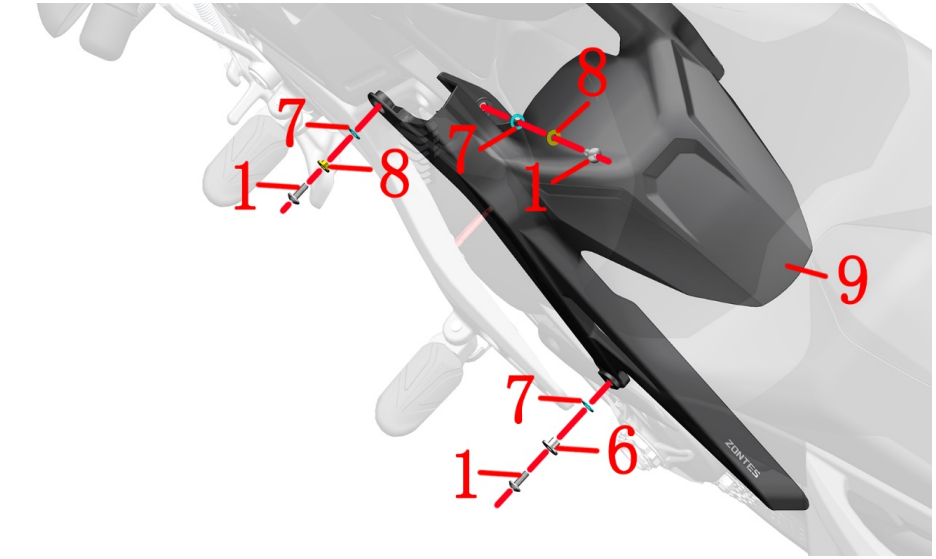


Fig.1 REAR WHELL COMPONENT		Rear mud board	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	5	
2	1224200-003000	ZT310-R Rear disc brake pipe clamp	2	
3	1224100-044000	Wheel speed sensor clamp	2	
4	1100100-820000	ZT350-R brake hose RC-HU section（A）	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	Buffer rubber of flanging bushing (φ8.5×φ14×1)	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.

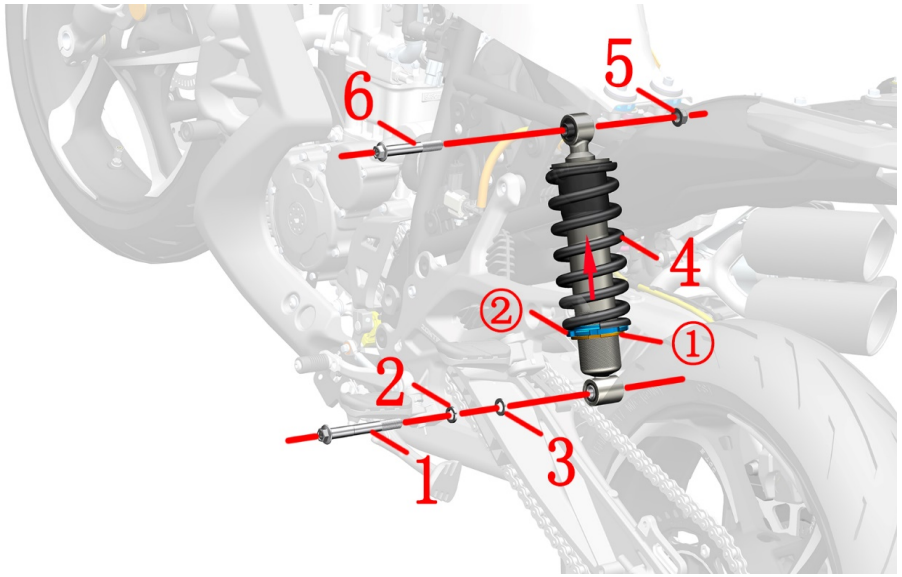


Fig.2 REAR WHELL COMPONENT		Rear shock absorption	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-017000	GB5787 Non－standard bolt M12×1.25×105((10.9 grade/dacromet/Two diameters)	1	
2	1250501-016000	GB93φ12 spring pad	1	
3	1251500-001097	Non-standard flat pad φ12×φ20×2 (chrome plated)	1	
4	1114300-011000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

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.

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.

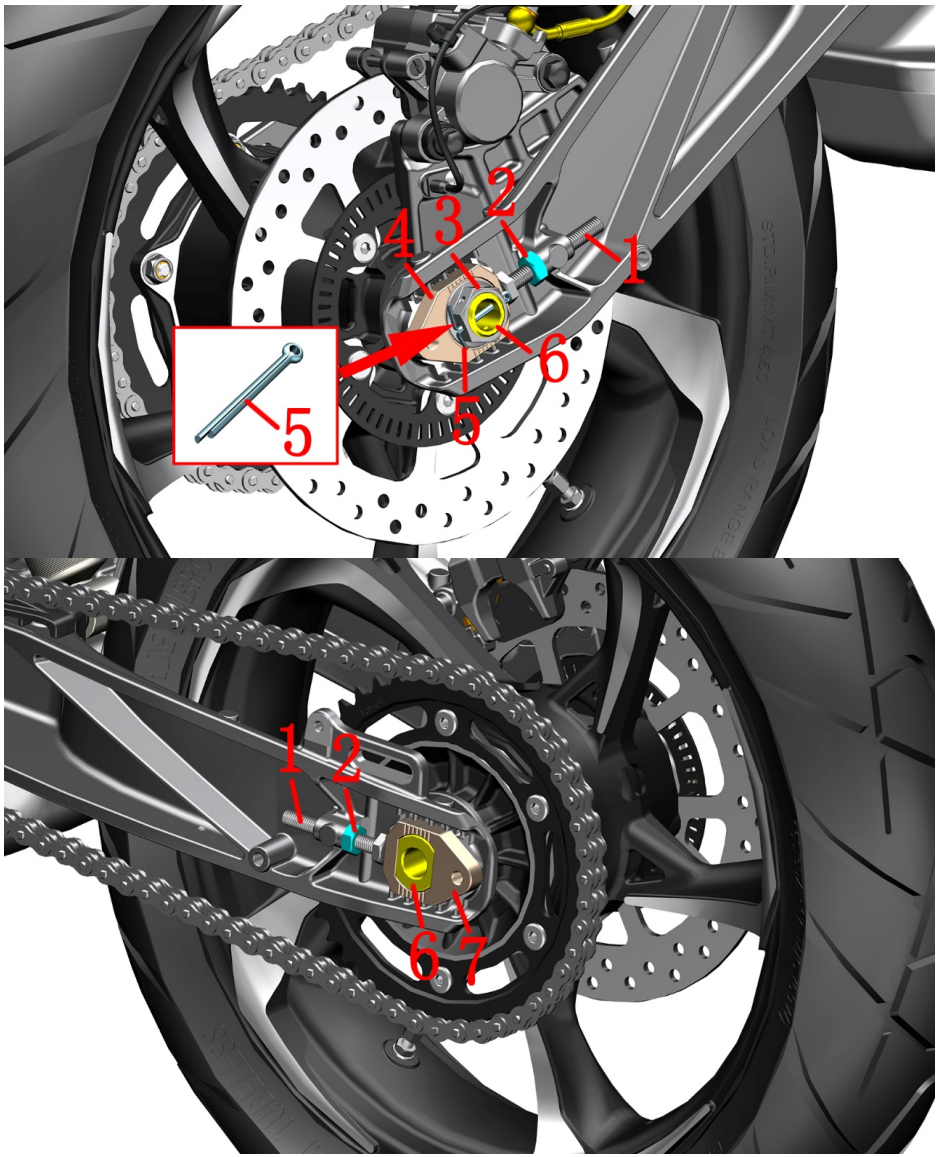


Fig.3 REAR WHELL COMPONENT		Rear wheel component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-105000	ZT310－R chain adjuster bolt M10×70	2	
2	1251300-050000	ZT310－R chain adjuster bolt M10(304 stainless steel)	2	
3	1251300-087000	ZT350 rear wheel hollow shaft nut(M25)	1	110N.m
4	1274300-015051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

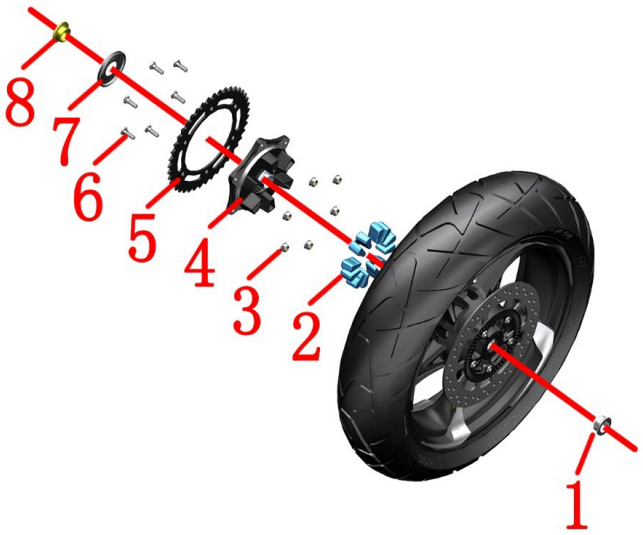


Fig.4 REAR WHELL COMPONENT		Rear wheel component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-011000	ZT350－GK rear wheel right sleeve(φ25×φ30×15.5/shoulder φ38)	1	
2	1244300-002000	ZT350－GK rear sprocket buffer adhesive	6	
3	1250305-002091	GB6187.1 M8(White zinc)	6	24N.m
4	1094300-015000	ZT350－GK rear sprocket seat	1	
5	1080100-121000	ZT350－GK 520－44T Sprocket	1	
6	1251100-117093	Non-standard inner hex bolt M8×25	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 sprocke 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.

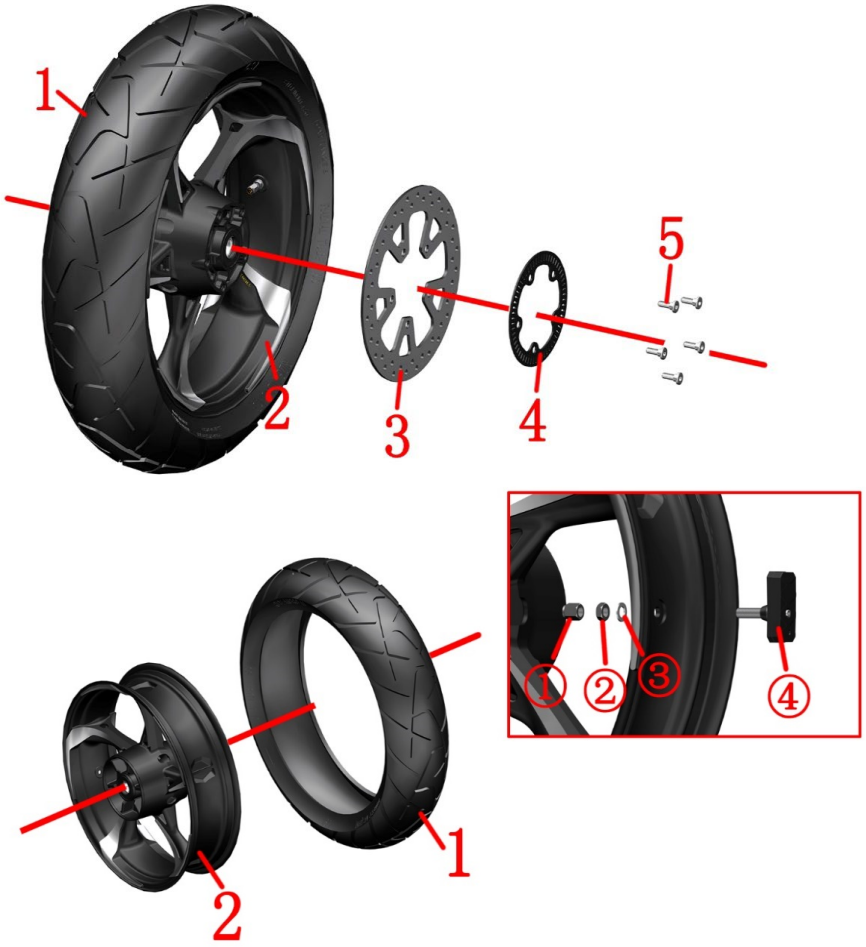


Fig.5 REAR WHELL COMPONENT		Rear wheel component 3（ aluminum）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1230100-564200	160/60ZR17 CM-S3N (69W) TL E4 IMARK	1	
2	1094300-006000	ZT350-GK rear aluminum wheel (MT4.5×17\black)	1	
3	1100100-784000	ZT350－GK rear brake disc (265×4.5)	1	
4	1274200-058000	ABS induction ring (60 teeth)	1	
5	1251100-117093	Non-standard inner hex bolt M8×25	5	22～24N.m
6	1184300-057000	ZT350 tire pressure sensor N (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.

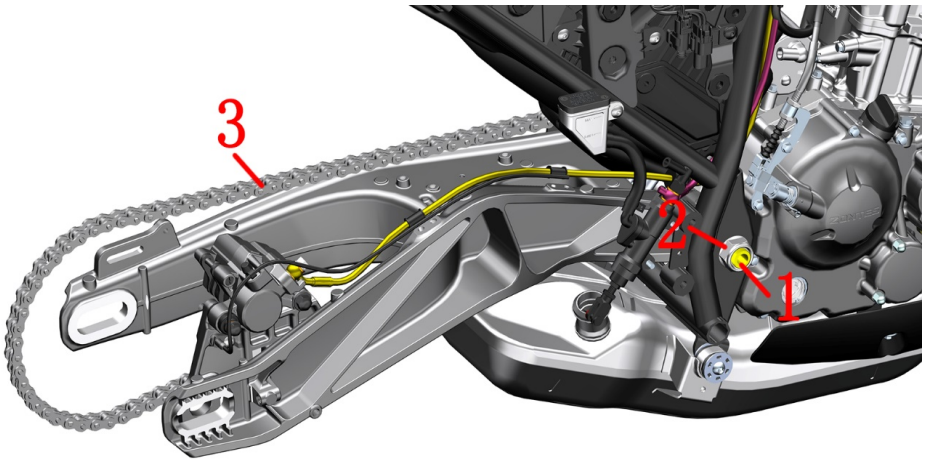
●The tire repair fluid should not be used because it will block the stoma of the pressure monitoring sensor,resulting in dificulty in inflating or failure of tire pressure momnitoring .

●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.



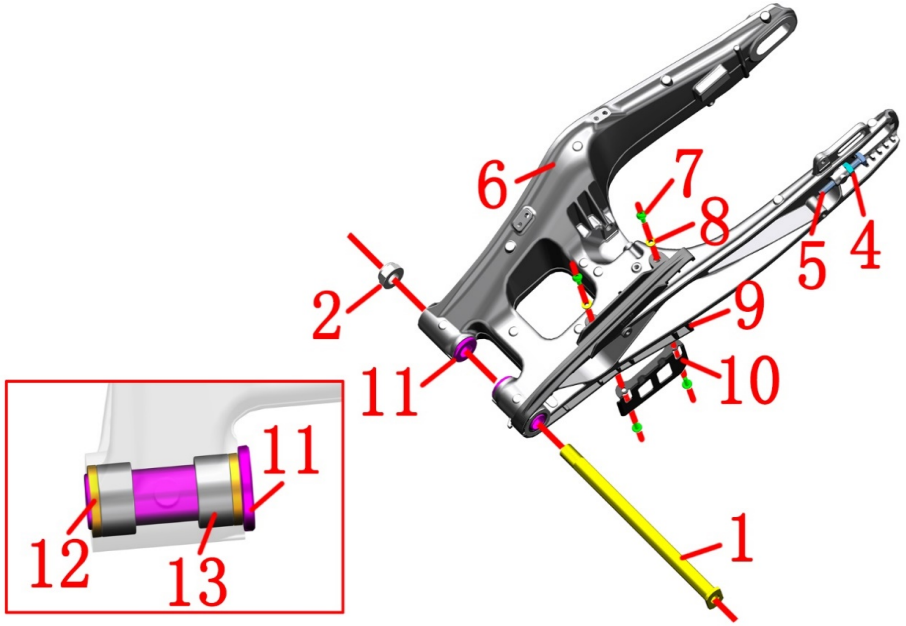


Fig.6 REAR WHELL COMPONENT		Rear swinging arm component （Double rocker arm）	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
2	1251300-067000	ZT250－R rear wheel hollow shaft nut	1	110±5N.m
3	1080200-106000	ZT350－GK 112 pitch chain (520 oil seal 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	1244300-058000	ZT350-R rear swingarm wear block(thickening)	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	Single rocker rear fork bushing	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.

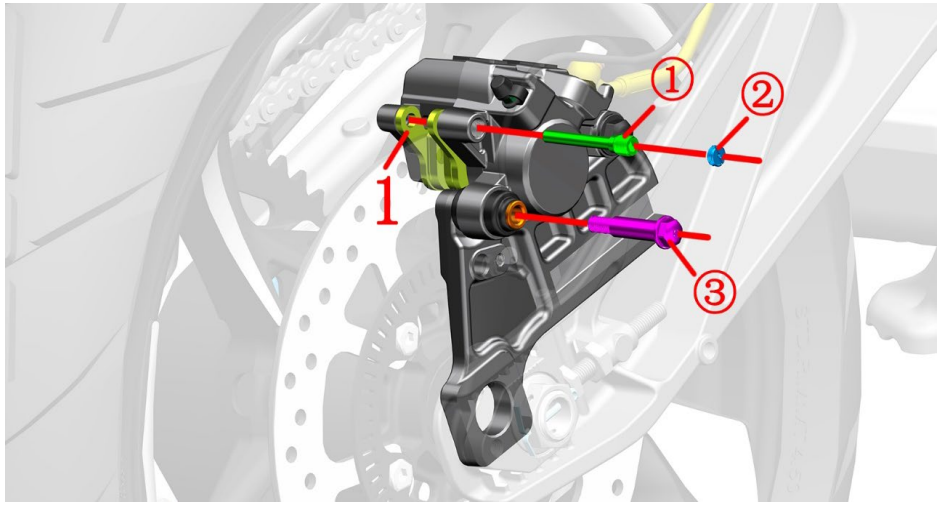
CAUTION:

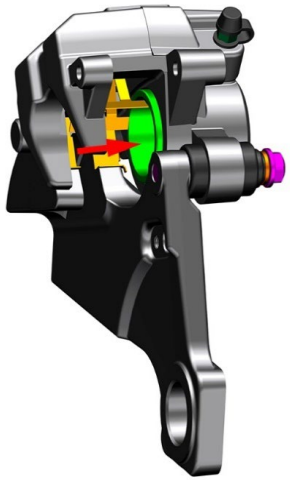
●Be sure to fix up the motorcycle in the process of disassembly.

●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.





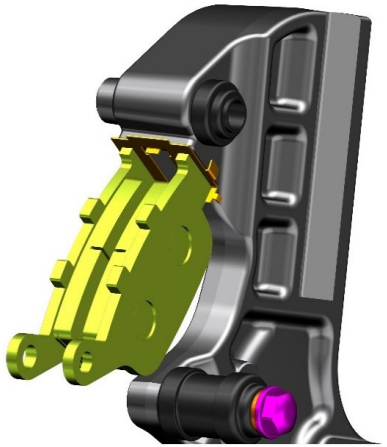


Fig.7 REAR WHELL COMPONENT		Replace the rear brake pads(Double rocker arm)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250-S rear disk brake pads (HS10)	1	After-sales

PROCEDURE:

●Disassemble disc brake arrester

Using strait screwdriver to disassemble nut①.

Disassemble pin axle② with a 5# inner hexagon socket.

Disassemble rolling axle③ with socket sleeve.

Take off rear disc brake arrester(1).

●Change rear disc brake arrester

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

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

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

Tighten rolling axle③ with socket sleeve.

Tighten nut① with strait screwdriver.

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

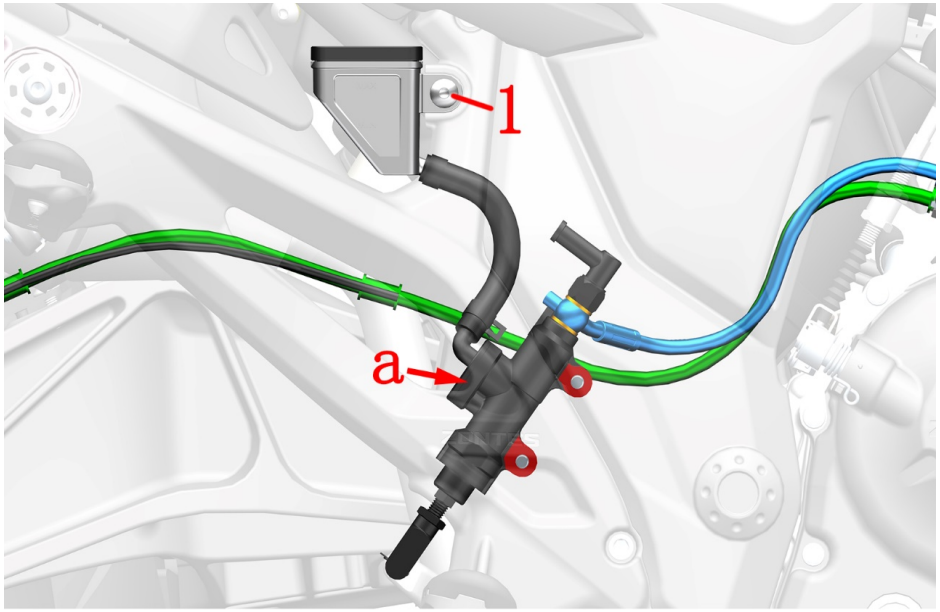
CAUTION:

●Check regularly the arrester and disc brake plate status.

●To change arresters in qualified mainenance spot are suggested.

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

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



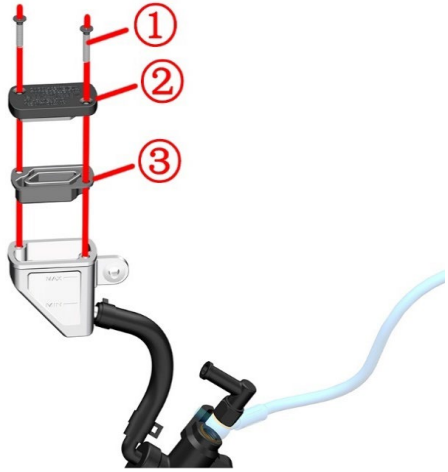


Fig.8 REAR WHELL COMPONENT		Rear brake main pump adds brake fluid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	

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.

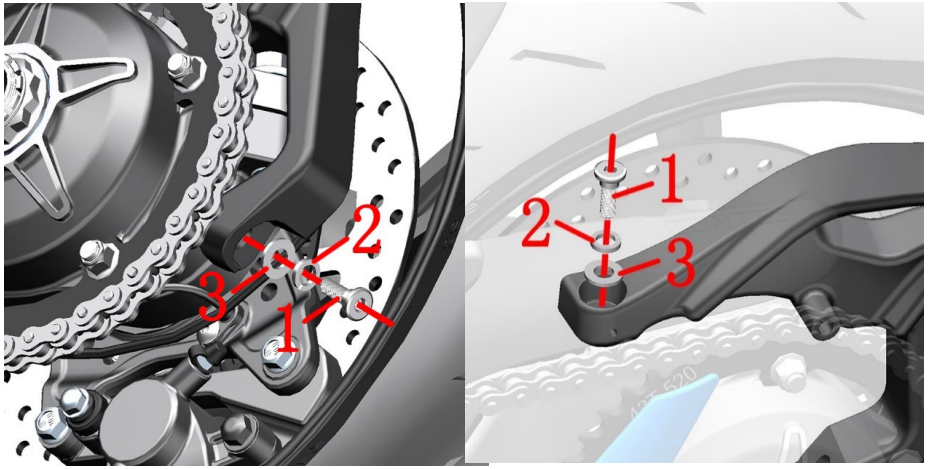
●If the braking liquid is accidently swallowed, contact intoxication center or hospital immediately. If it gets into the eye, wash it away with clean water then see the doctor.

●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.



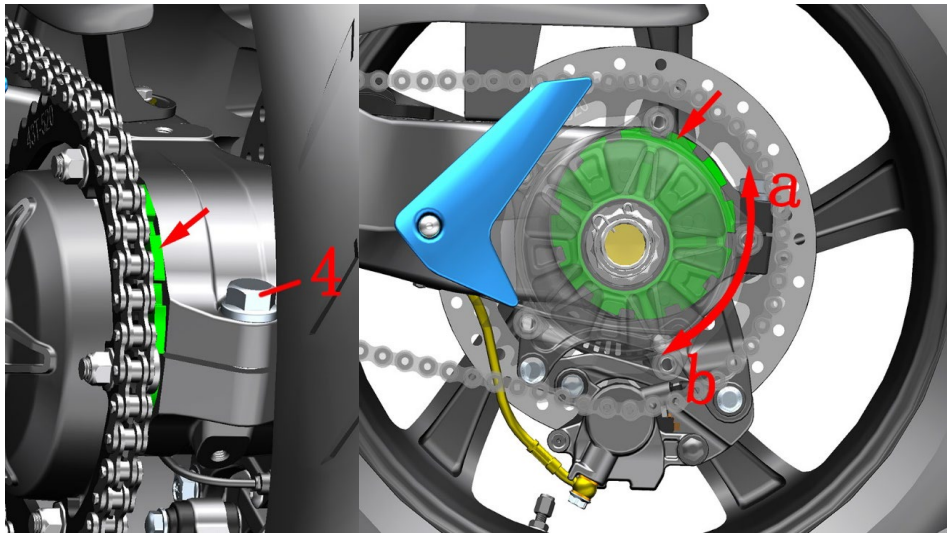


Fig.1 REAR WHELL COMPONENT		Adjustment chain	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non-standard inner hex bolt M8×25	2	
2	1250501-004091	GB93φ10(white Zinc)	2	
3	1250503-006091	GB97.1 φ10(white Zinc)	2	
4	1251100-204000	Non-standard bolt M16×1.5×50 (environmental color)	1	100N.m

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.

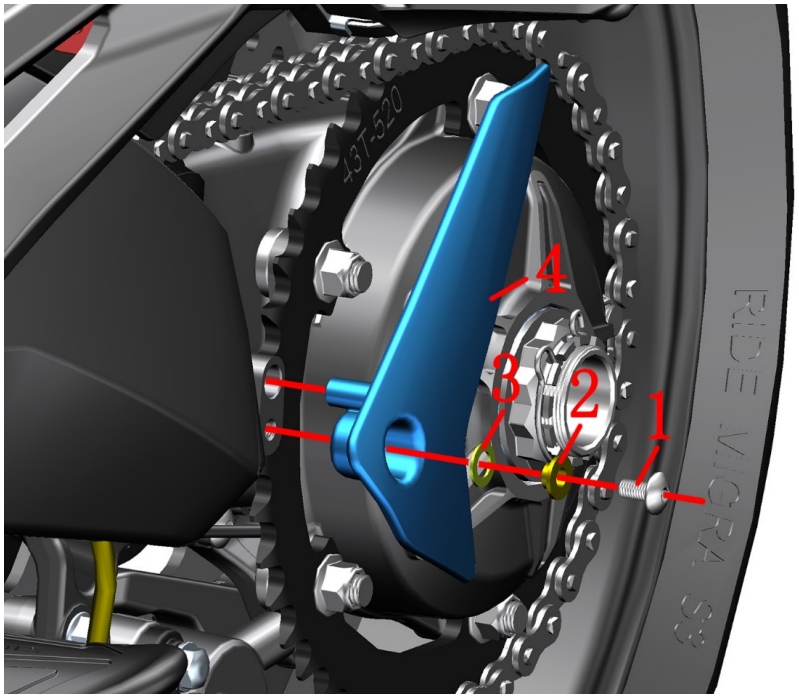


Fig.2 REAR WHELL COMPONENT		Sprocket baffle	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	1	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	1	
4		ZT310-R1 sprocket 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.

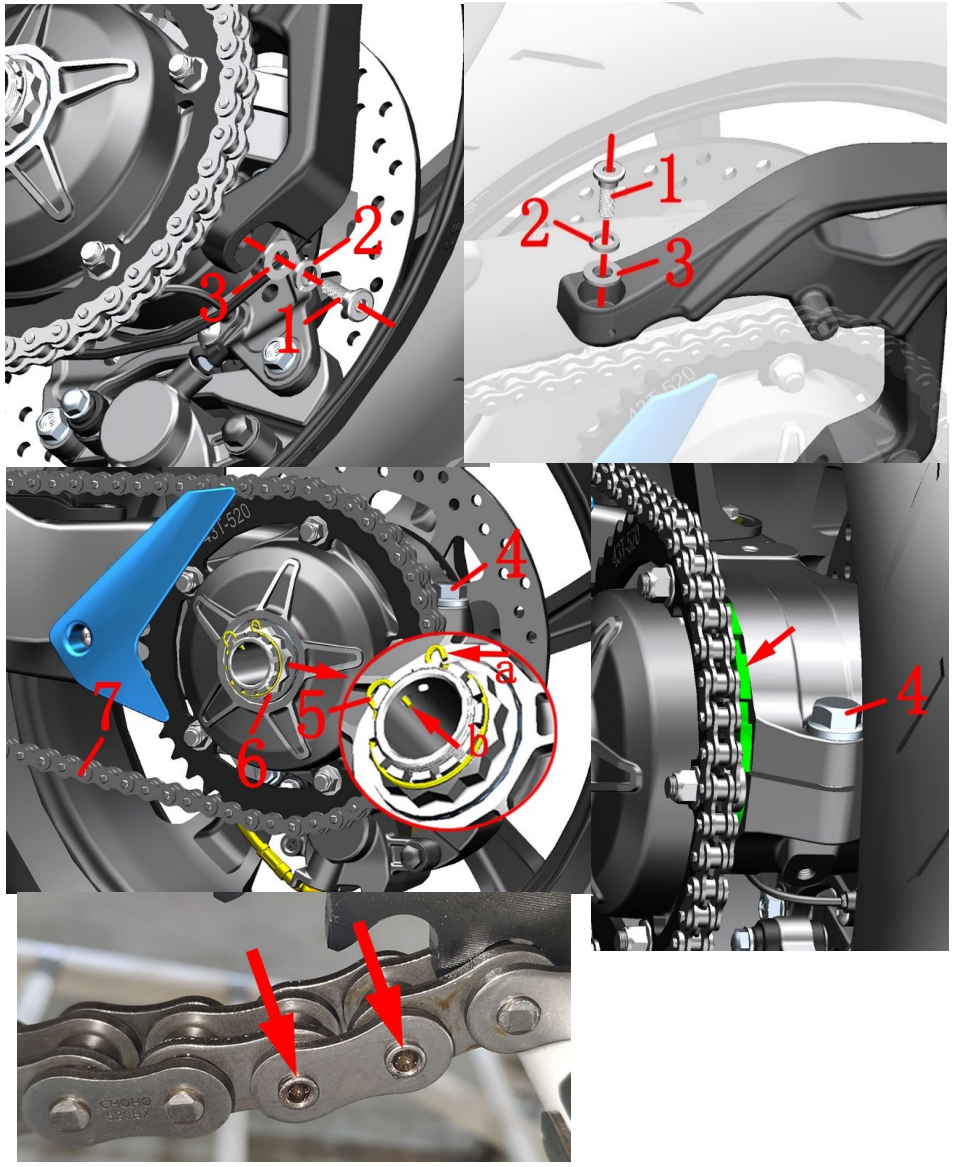


Fig.3 REAR WHELL COMPONENT		Sprocket assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non-standard inner hex bolt M8×25	2	
2	1250501-004091	GB93φ10（white zinc）	2	
3	1250503-006091	GB97.1 φ10（white zinc）	2	
4	1251100-204000	Non-standard bolt M16×1.5×50 (environmental color)	1	100N.m
5	1094100-062000	M35 nut locking spring	1	
6	1251300-070000	Non-standard nut M35×1.5 (environmental color)	1	200N.m
7	1080200-055000	ZT250-R 114 section 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.

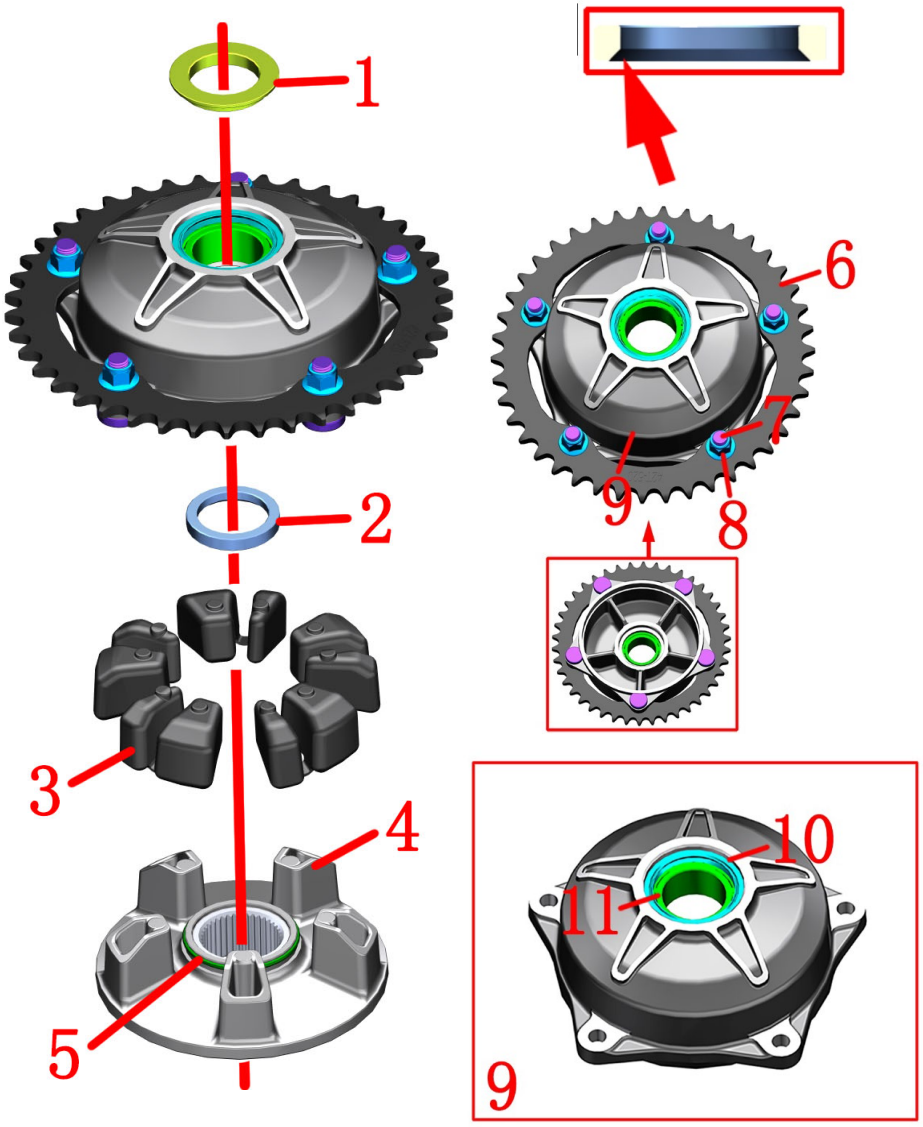


Fig.4 REAR WHELL COMPONENT		Sprocket assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274100-108000	Bushing φ45×φ35×5.5+φ54×φ35×2	1	
2	1274100-105000	Bushing φ46×φ35×7.3	1	
3	1244100-087000	ZT310-R1 single rocker sprocket buffer rubber	5	
4	1094200-013000	ZT310 single rocker sprocket seat inner 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 (environmental color)	5	
8	1251300-057093	Non-standard nut M10×1.5(dacromet)	5	
9	4024200-086051	ZT310 dark gray single side swing arm sprocket housing assembly (including bearing/oil seal)	1	
10	1244200-045000	ZT310 single rocker 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.

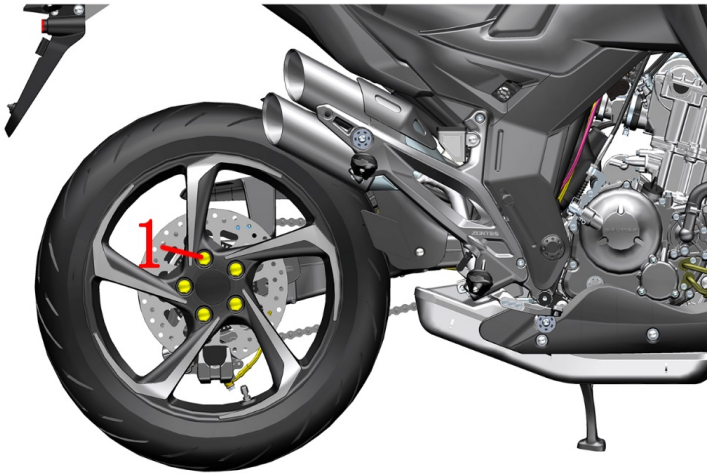
●Sprocket

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.



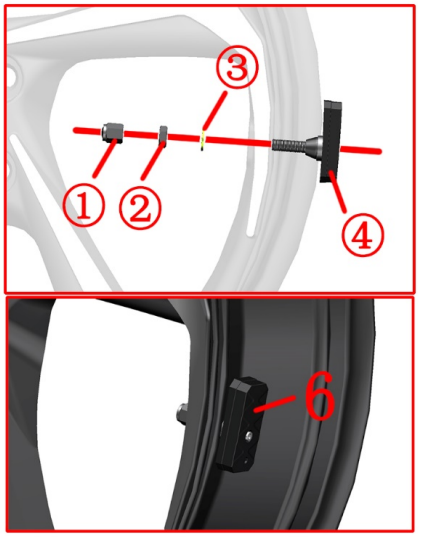


Fig.5 REAR WHELL COMPONENT		Rear wheel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-071000	Non-standard nut M12×1.5 (chrome plated)	5	110N.m
2	1230100-564200	160/60ZR17 CM-S3N (69W) TL E4 IMARK	1	
3	1094300-008000	ZT350-GK1 single rocker arm rear aluminum wheel (MT4.5×17/black)	1	
4	1260100-238000	ZT310-R1 rear wheel rim sign spring	1	
5	1210142-000100	ZT310-R1 single rocker black rim sign	1	
6	1184300-057000	ZT350 tire pressure sensor N (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:

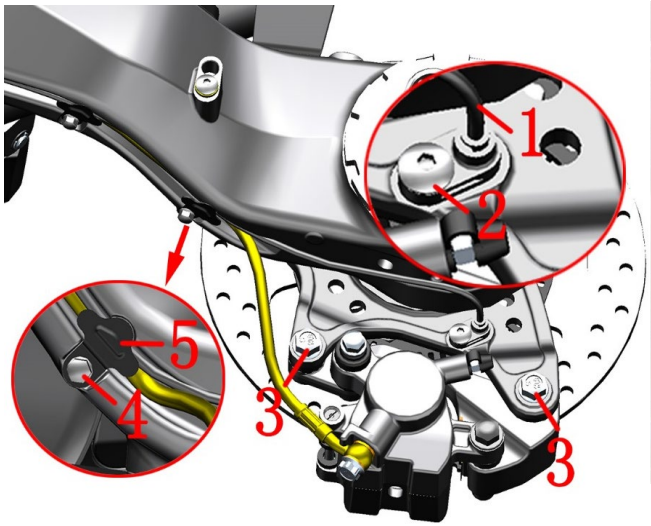
●Be careful while disassembling the tire and rim in case of damages on the components.

●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 .



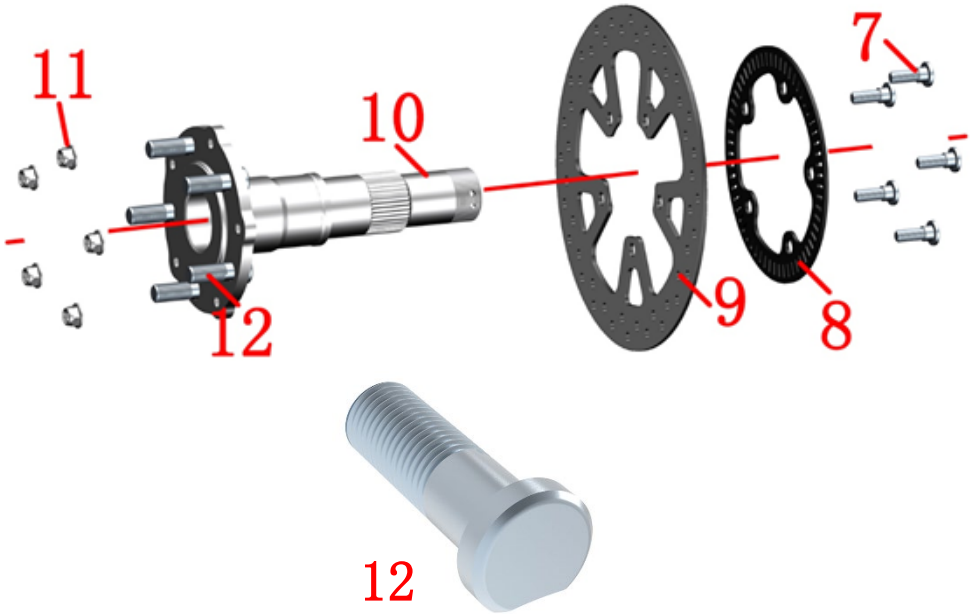


Fig.6 REAR WHELL COMPONENT		Rear axle assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1181200-118000	Wheel speed sensor（A）	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
3	1251100-123093	non-standard bolt M8×25 (color zinc)	2	
4	1250104-006097	GB16674M6×12 (chromed/HH)	4	
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	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.

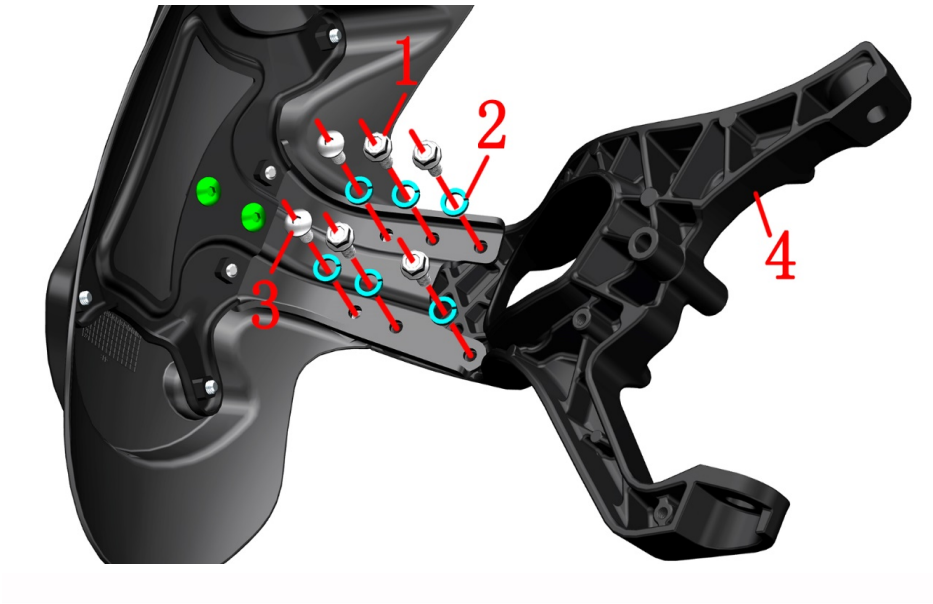
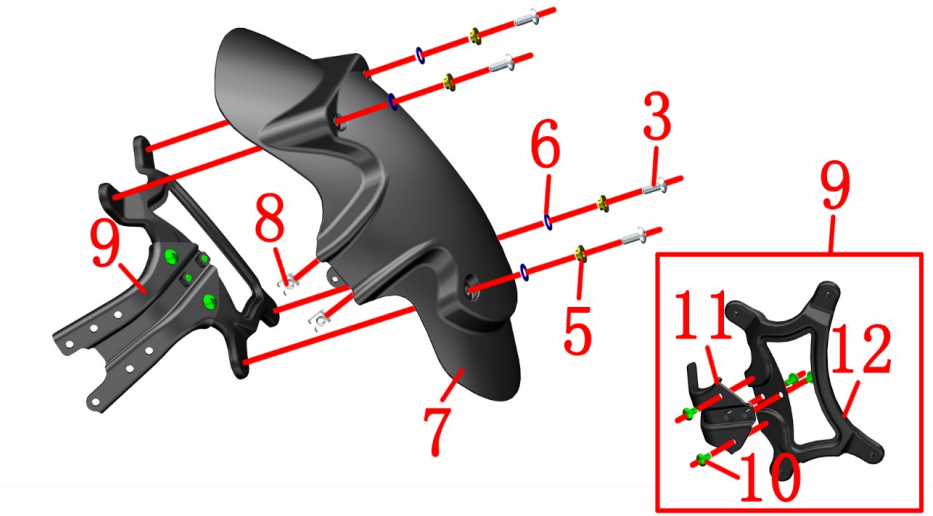


Fig.7 REAR WHELL COMPONENT		Rear sub-mud assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-137093	GB5789M6×16 (environmental color)	4	
2	1250501-007093	GB93 φ8 (environmental color)	6	
3	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	6	
4	1020242-265021	ZT310-R1 rear sub-mud aluminum alloy bracket (homemade)	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.

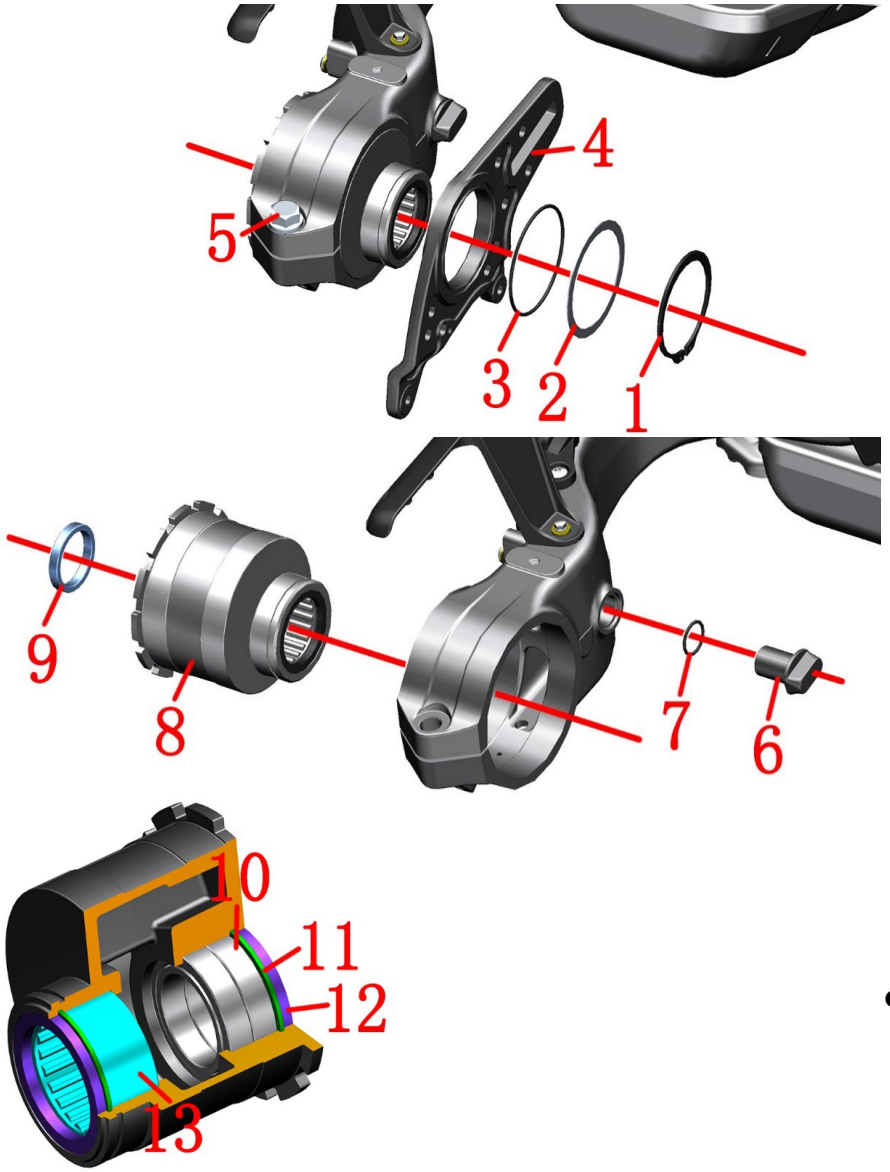


Fig.8 REAR WHELL COMPONENT		Chain adjuster assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250700-009000	Shaft type A circlip φ75×2.5	1	
2	1251500-096000	φ90 × φ76 × 1 washer	1	
3	1244200-105000	O-ring φ80 × 2.65 (inner diameter × wire diameter)	1	
4	4024300-010000	ZT350 single rocker arm rear 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	1	
7	1244200-066000	O-ring seal (φ22.2×2.4)	1	
8	4024200-046000	ZT310 single rocker eccentric chain adjuster assembly (including bearing / oil seal)	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.

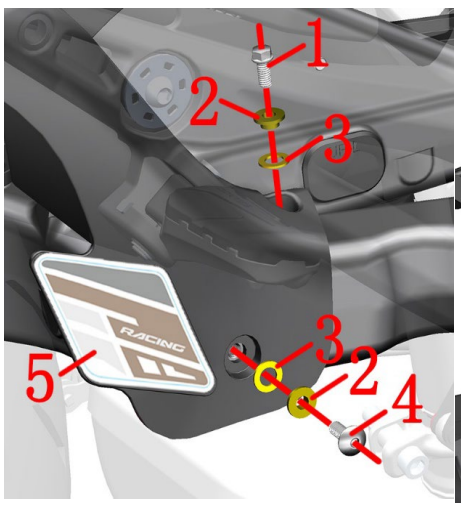
Remove the lower limit block (6) and then remove the sealing ring (7).

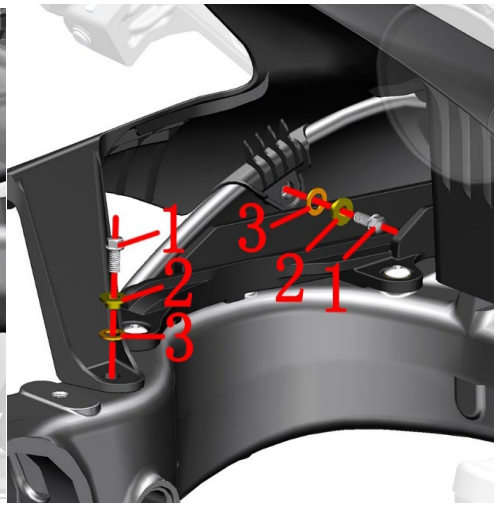
●Chain adjuster assembly

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.





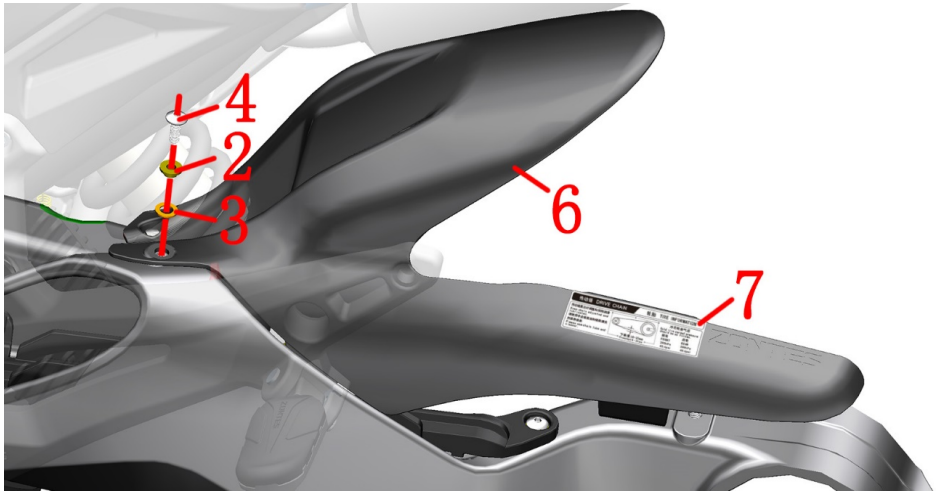


Fig.9 REAR WHELL COMPONENT		Rear mud board	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250104-006097	GB16674M6×12 (chromed/HH)	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	5	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	5	
4	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	2	
5	1210342-424000	ZT310 rear inner 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).

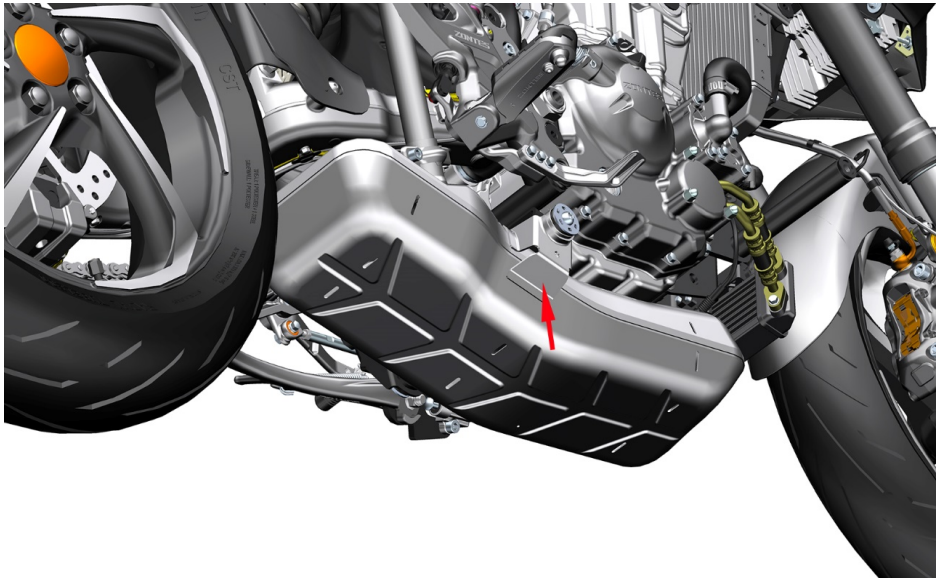
Remove the bolt (1) at the rear of the left side with 8# sleeve, and remove the bushing (2) and buffer rubber (3).

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.



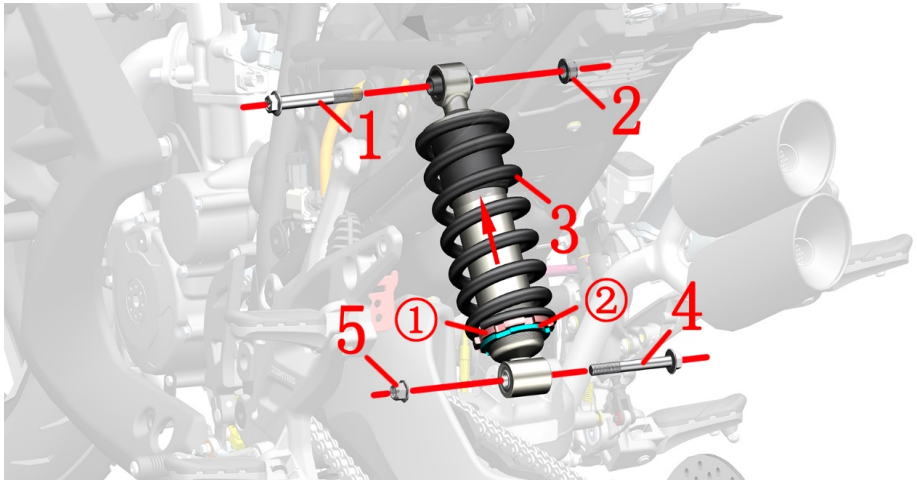


Fig.10 REAR WHELL COMPONENT		Rear shock absorber	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-019000	GB5187 non-standard bolt M12×1.25×85(10.9 garde/dacromet)	1	
2	1250305-009091	GB6187.1 M12×1.25（White zinc）	1	
3	1114300-007000	ZT350-R1 rear shock absorber	1	
4	1251100-132003	non-standard bolt M10×1.5×80	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

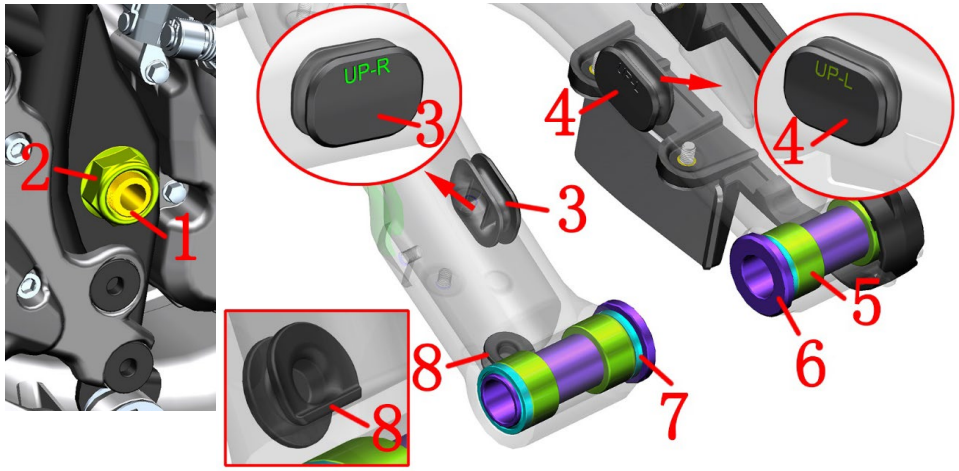
Use hook wrench to loosen adjustable nut① and rotate adjustable nut②. If the nut is rotated towards the arrow direction, the spring becomes harder. Conversly, the absorber is softer. Tighten the adjustive nut① until the absorber is under suitable status. Please adjust in a reasonable range, riding experience 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.



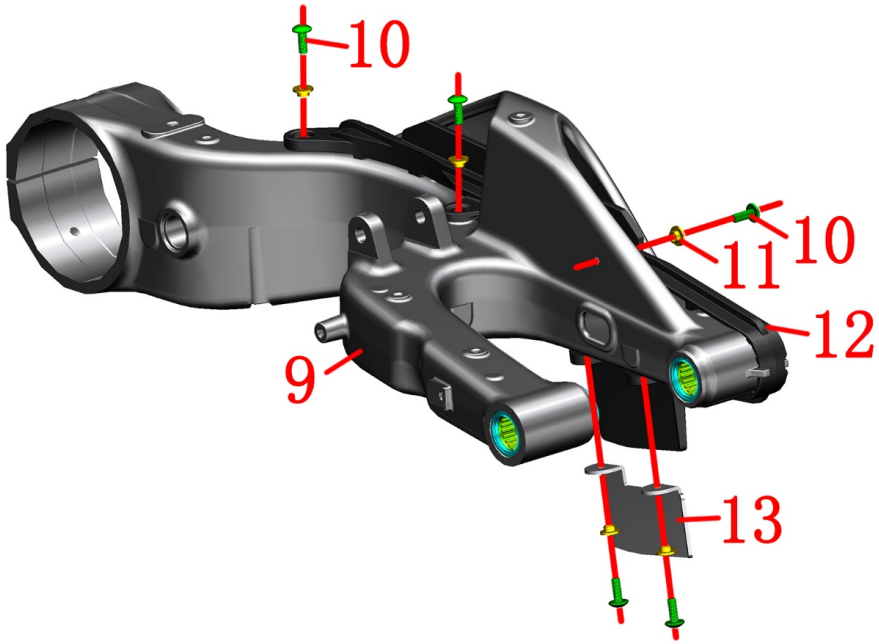


Fig.11 Rear wheel, swinging arm component		Rear wheel assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
2	1251300-067000	ZT250-R rear wheel hollow shaft nut	1	110±5N.m
3	1244200-085000	ZT310 single rocker arm aluminum alloy flat fork 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

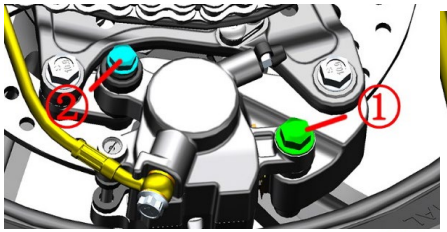
The oil seal(7) and the needle bearing (5) are used for interference compression. Please ensure that they have the ability to disassemble and disassemble.

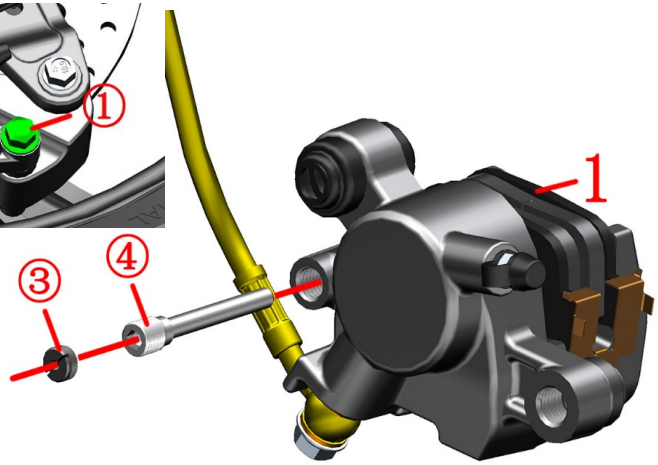
CAUTION:

●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.





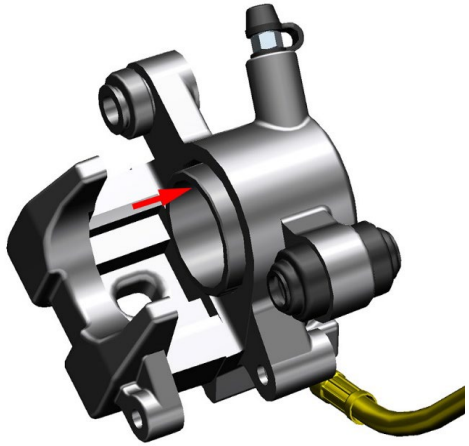


Fig.12 REAR WHELL COMPONENT		Change rear brake arresters	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250-S rear disk brake pads (HS10)	1	After-sale

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.

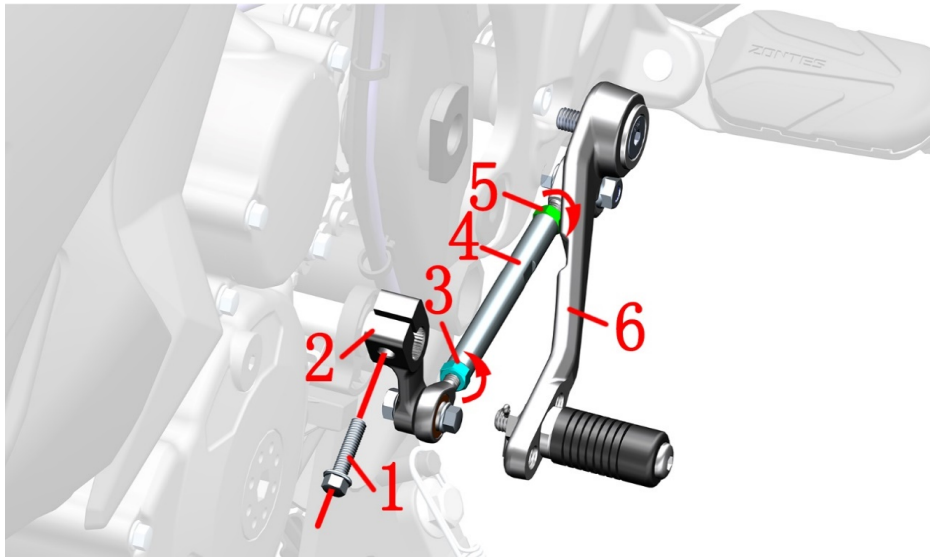
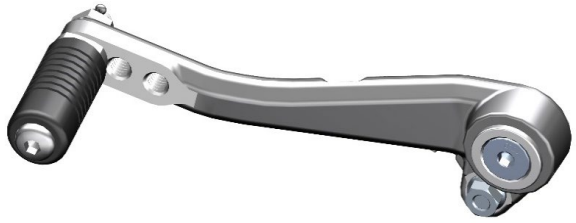


Fig.1 FOOT PEDAL COMPONENT		Shift lever adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	1	
2	1271200-163000	ZT250-S shift lever spline rocker arm (dark gray)	1	
3	1250301-020093	GB6170M6 (environmental color)	1	
4	1274300-026000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



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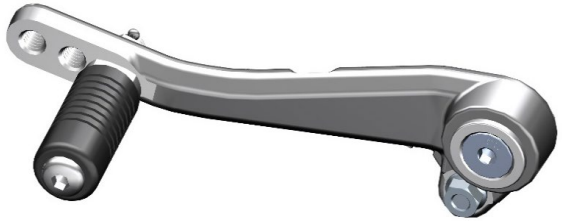


Future

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.

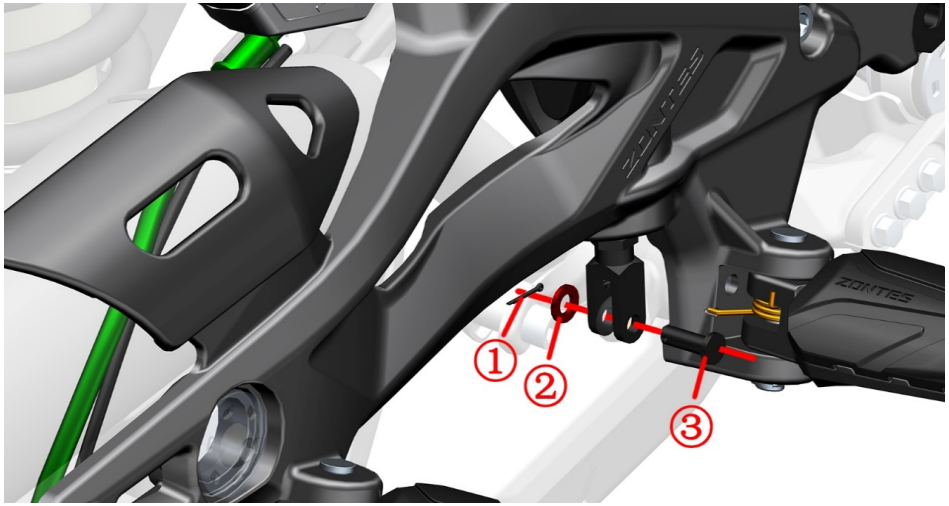
●Shift lever position adjustment

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.



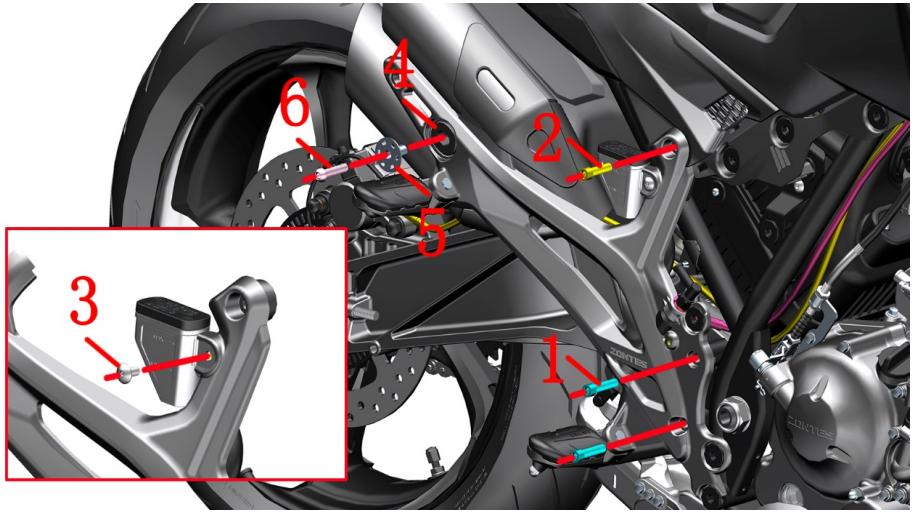


Fig.2 FOOT PEDAL COMPONENT		Right footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-023000	GB70.1 inner hexagonal M8X35 (color zinc)	2	
2	1250205-034093	GB70.1 Hexagonal Socket M8×30 (color zinc)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
4	1244300-022000	ZT350-GK-H1 muffler suspension hollow cushioning rubber	1	
5	1020243-097000	ZT350 muffler flanging bushing (φ8.3×φ11.5×20.5×φ8.4×φ33×1.5)	1	
6	1250205-125000	GB70.2 M8×35(12.9 garde,darco)	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.

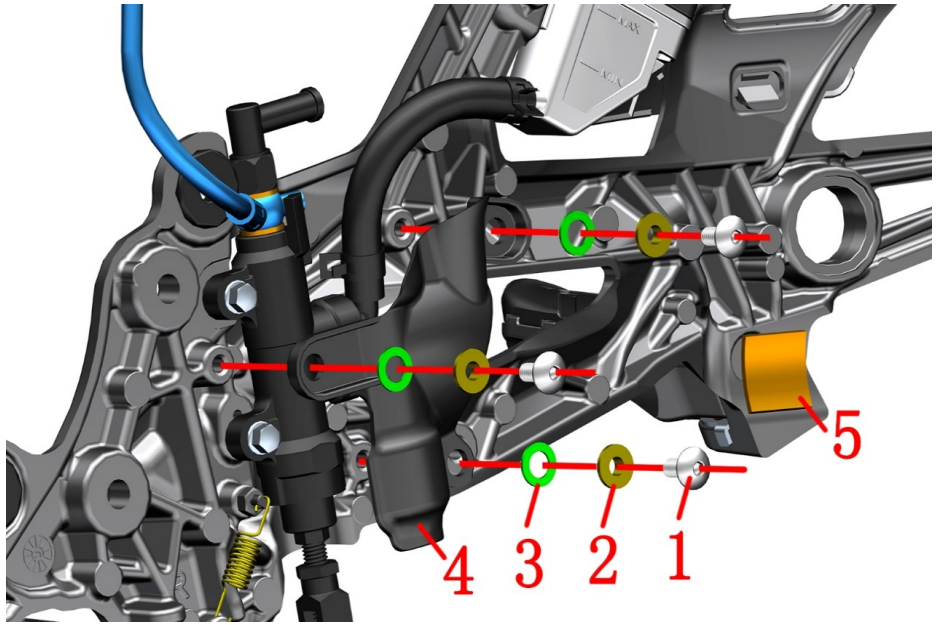
CAUTION:

●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.



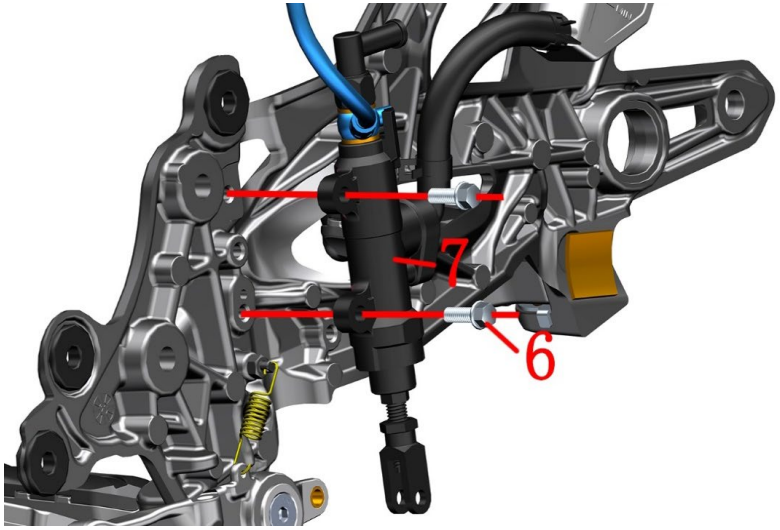


Fig.3 FOOT PEDAL COMPONENT		Right footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	3	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	3	
4	1224300-023000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

PROCEDURE:

●Rear brake main pump heat shield

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

●Rear disc brake main pump component

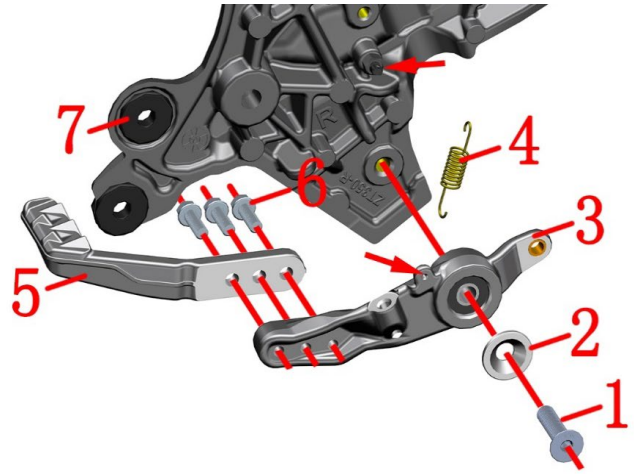
Using 8# sleeves remove two bolts(6) take down the main pump(7) of rear disc brake.

CAUTION:

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

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

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



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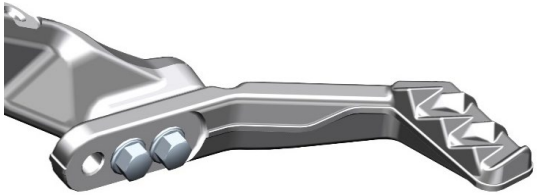


Future

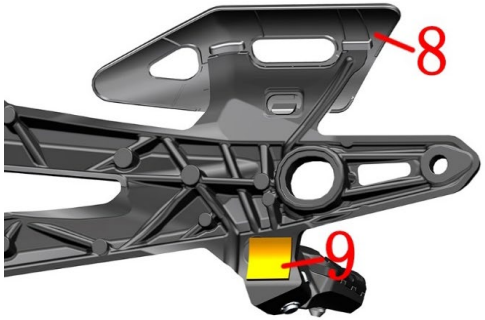


Fig.4 FOOT PEDAL COMPONENT		Right footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-124000	GB70.3 M8×30 (10.9 grade environmental protection color)	1	
2	1274300-027000	ZT350 pedal bearing cover	1	
3	4024300-028000	ZT350-R pedal rocker arm(lncluding bearings)	1	
4	1260100-303000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

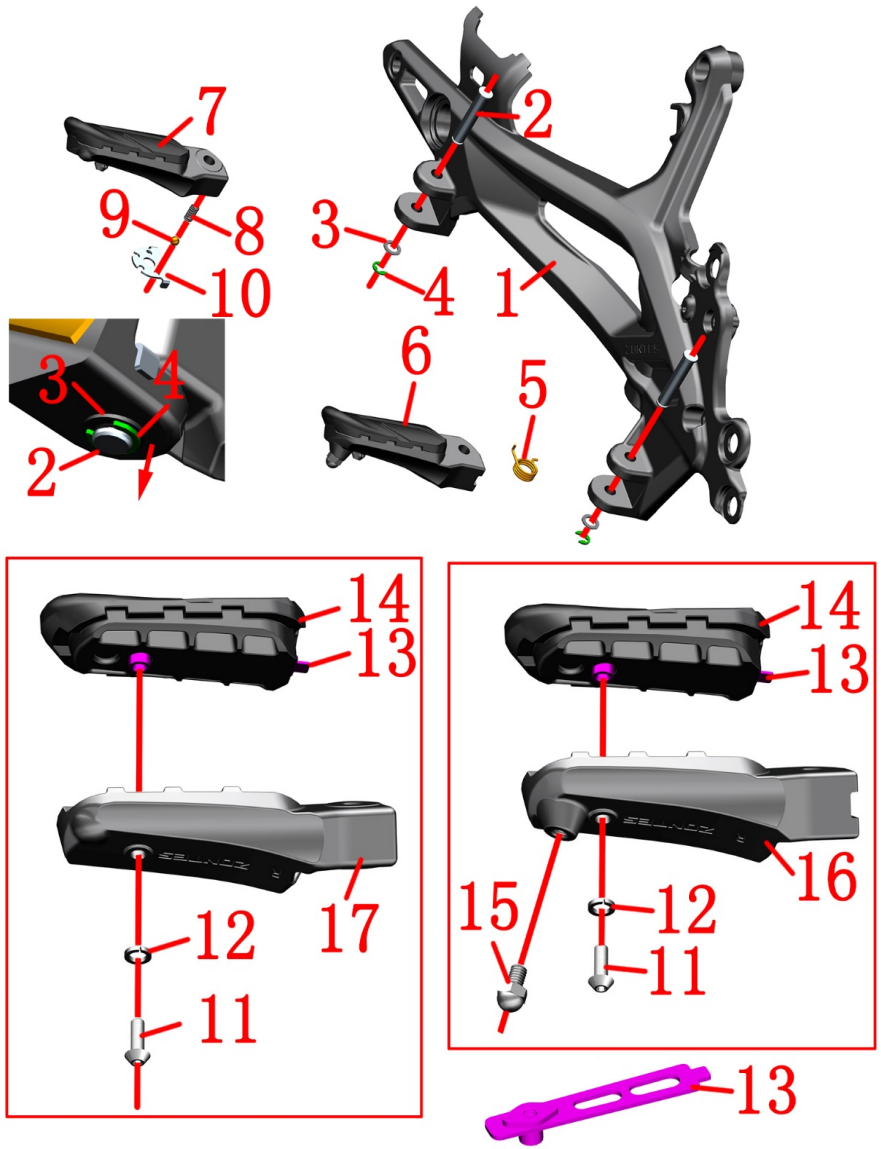


Fig.5 FOOT PEDAL COMPONENT		Right footrest component 4	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-157000	ZT350-R right pedal support (HT)(dark gray matte)	1	
2	1274300-033000	ZT350-R Pedal pin	2	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	2	
4	1264100-006000	ZT250－S Pedal circlip	2	
5	1264100-004000	front right foot pedal torsional spring	1	
6	4064300-010051	ZT350-GK front right pedal assembly (dark gray matte)	1	
7	4064300-012051	ZT350-GK rear right foot pedal assembly (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	After-sales
12	1250501-010000	GB93φ6 spring pad	2	
13	1274300-093000	ZT350-Gk footrest gum cover fixed plate(10mm longer)	2	
14	1244300-013000	ZT310-T rubber cover, footrest	2	
15	1251100-218094	Non-standard ball head boltsM6×8 (Zinc Nickel Alloy)	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.

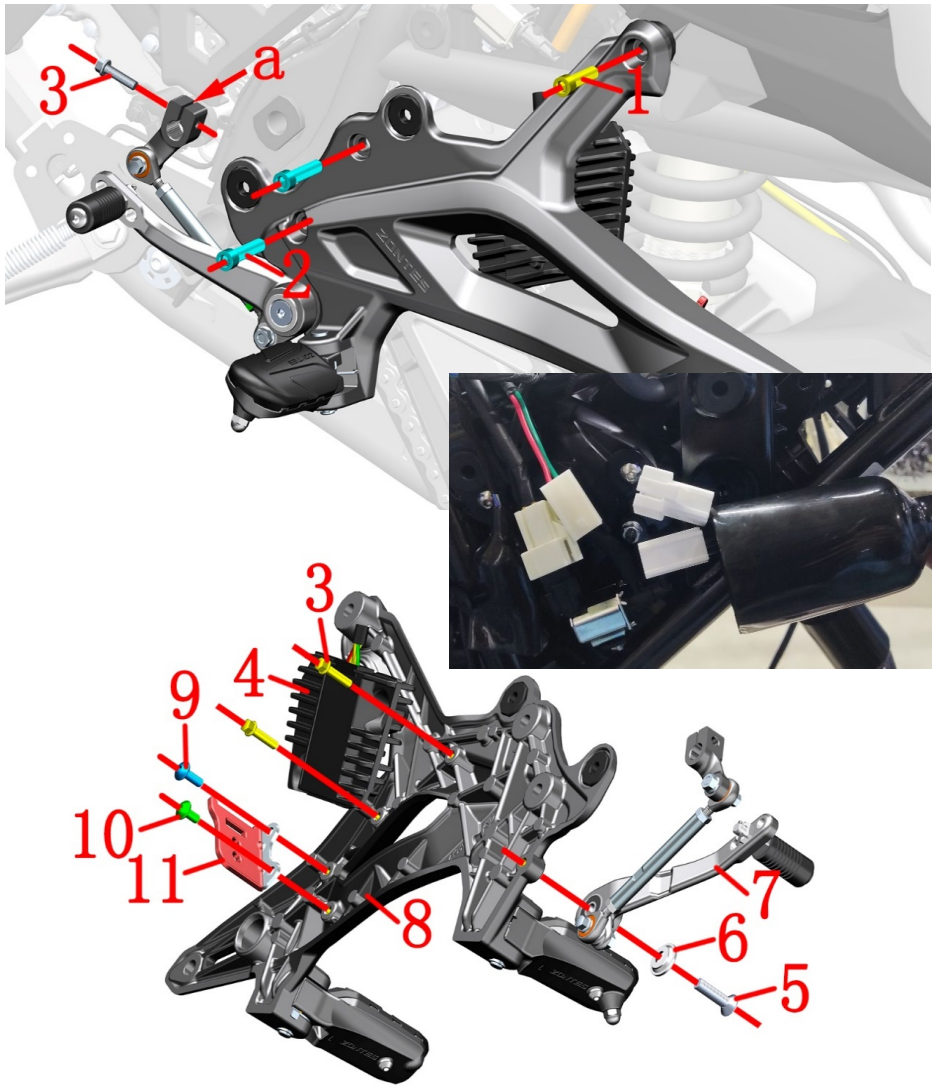


Fig.6 FOOT PEDAL COMPONENT		Left footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-034093	GB70.1 Hexagonal Socket M8×30 (color Zinc)	1	
2	1250205-023000	GB70.1 inner hexagonal M8×35 (color Zinc)	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	3	
4	1184300-013000	ZT350 rectifier (350W)	1	
5	1250205-137000	GB70.3 M8×40 (10.9/color zinc)	1	
6	1274300-027000	ZT350 pedal bearing cover	1	
7	4024300-029000	ZT350-R shift lever rocker arm (lucluding bearings)	1	
8	1274300-158000	ZT350-R left pedal support (dark gray)	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	
12	1250301-033000	GB6172.1 M8 (color Zinc)	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

Secure the bolt(12) with 13# sleeves,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.

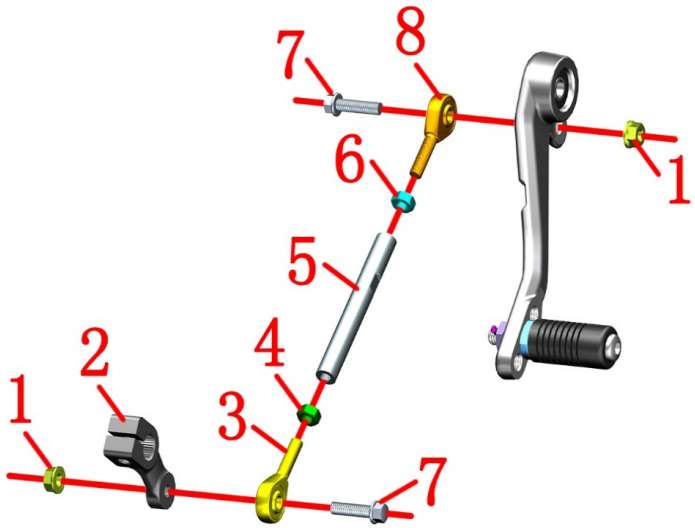
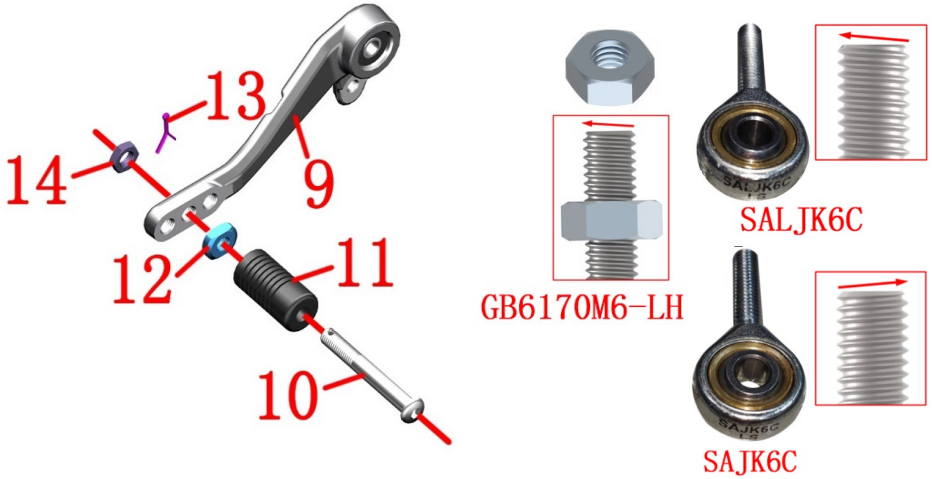


Fig.7 FOOT PEDAL COMPONENT		Left footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6 (environmental color)	2	
2	1271200-163000	ZT250-S shift lever spline rocker arm (dark gray)	1	
3	1274100-042000	miniature rod end ball bearing SAJK6C	1	
4	1250301-020093	GB6170M6 (environmental color)	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	Non-standard trimming nut M8	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)

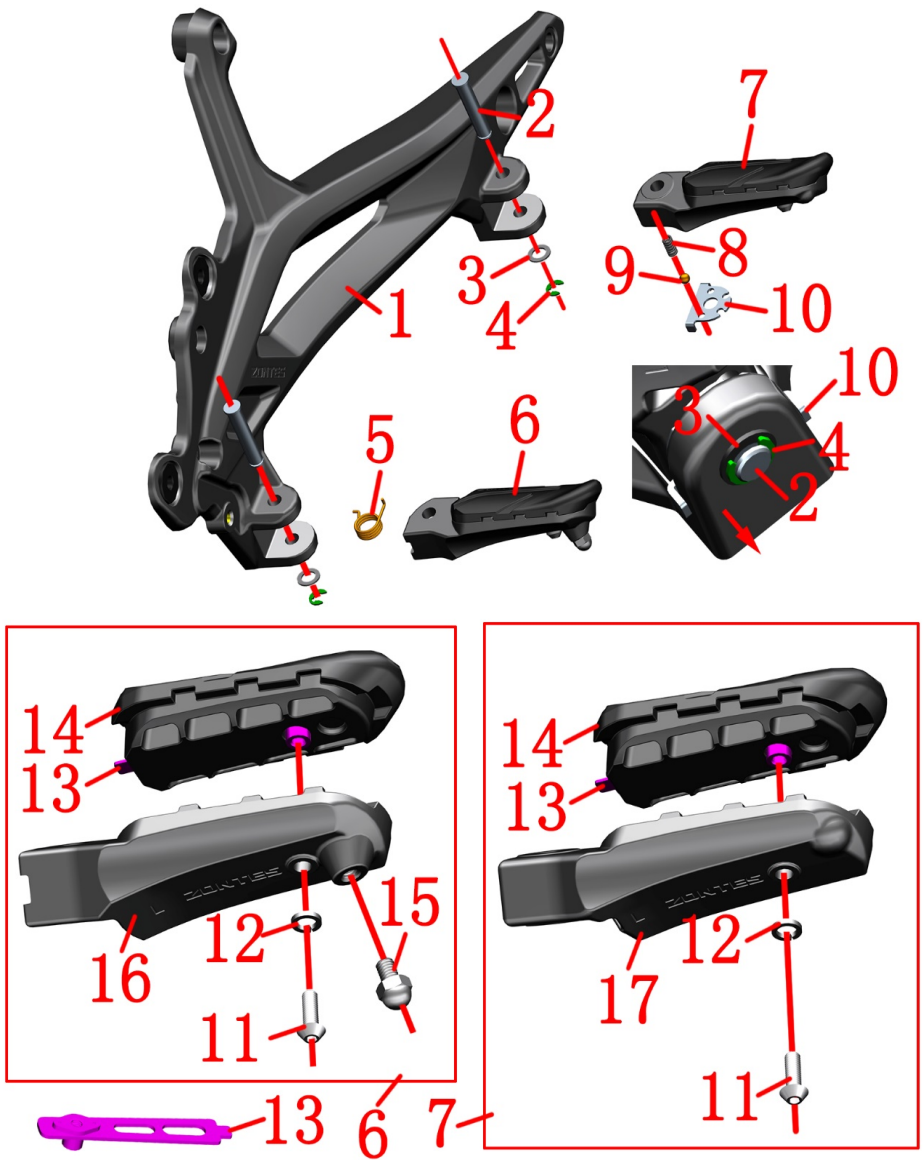


Fig.8 FOOT PEDAL COMPONENT		Left footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-158000	ZT350-R left pedal support (dark gray)	1	
2	1274300-033000	ZT350-R Pedal pin	1	
3	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	2	
4	1264100-006000	ZT250－S Pedal circlip	1	
5	1264100-003000	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 rear left foot pedal assembly	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	After-sales
12	1250501-010000	GB93φ6 spring pad	2	
13	1274300-093000	ZT350-Gk footrest gum cover fixed plate(10mm longer)	2	
14	1244300-013000	ZT310-T rubber cover, footrest	2	
15	1251100-218094	Non-standard ball head boltsM6×8 (Zinc Nickel Alloy)	1	
16	4064300-005051	ZT350-GK front left footrest (dark gray matte)	1	
17	4064300-007051	ZT350-GK rear left footrest (dark gray matte)	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

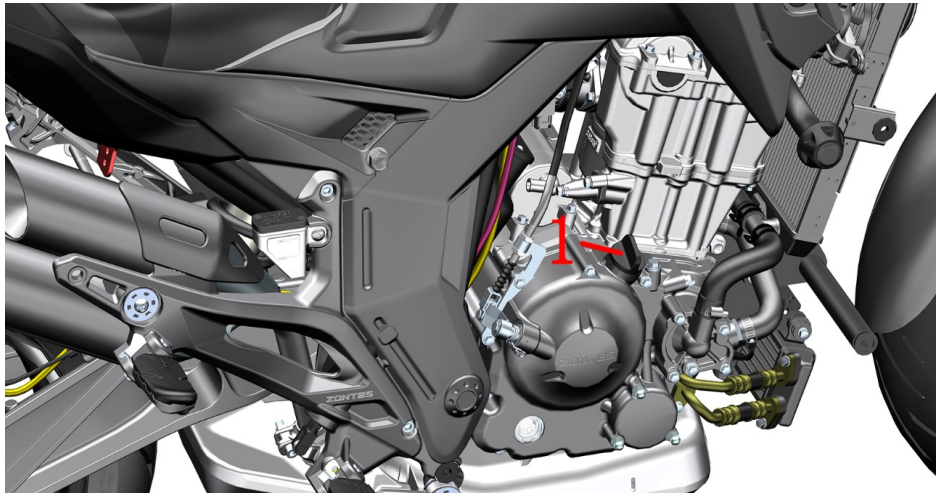
Hold tightly the L, front pedal(16). Disassemble bolt(15) with a 10# sleeve. Disassemble bolt(11) with 3# inner hexagon socket.Take off spring washer (12). Take off rubber(14), positioning plate(13)and L, front pedal(16). Only front pedal needs bolt(15). Foot pedal rubber(14), positioning plate(13),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



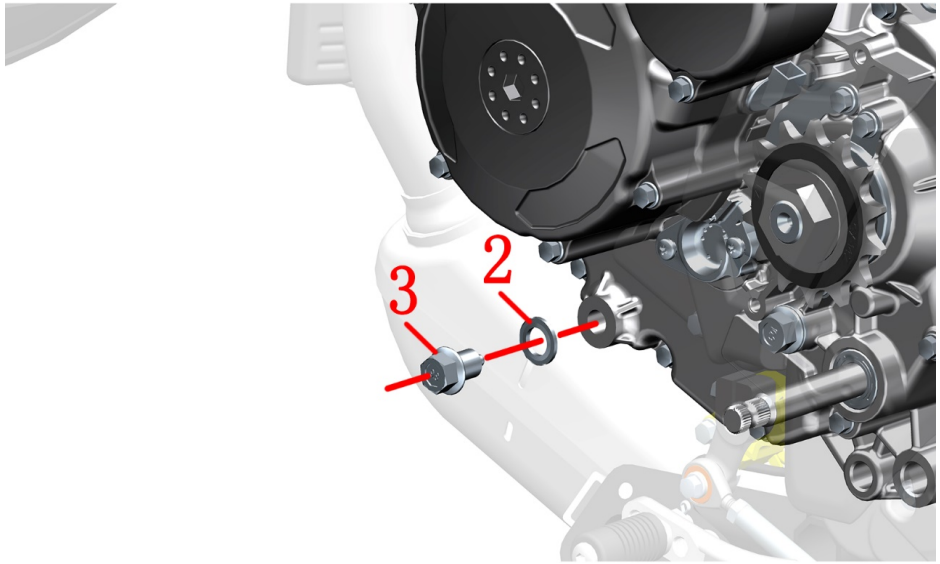


Fig.1 COOLING SYSTEM COMPONENT		Change engine oil	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1051161-012000	M24×2 oil filler plug	1	
2	1244100-033000	combined sealing gasket12×φ20×2	1	
3	1251100-066093	M12×1.5×15 ablassschraube (color zinc)	1	24±4N.m

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.

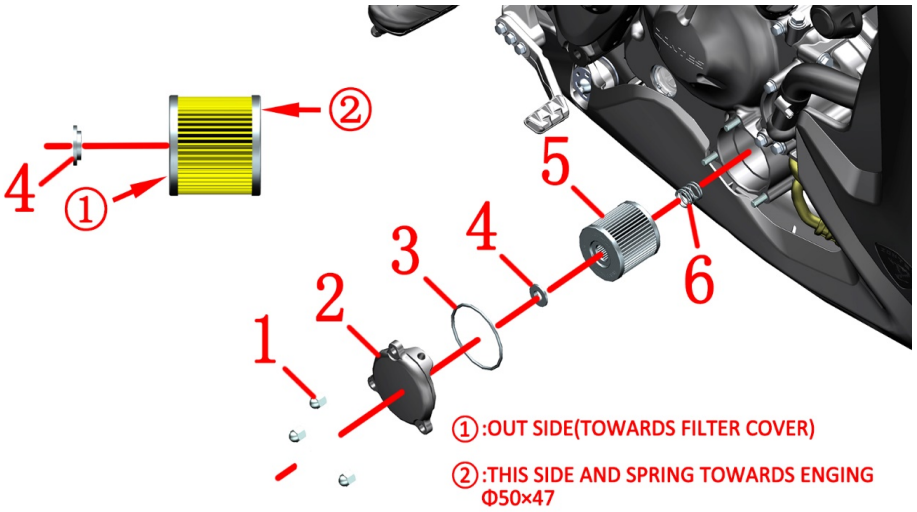


Fig.2 COOLING SYSTEM COMPONENT		Change engine oil filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-096000	Non-standard cover type 9 degree nut M6×13	3	12±1.5N.m
2	4050454-014051	ZT180MN fine filter cover A (dark gray)	1	
3	1051454-020000	55×2.5 Hydrogenated nitrile rubber O-ring	1	After-sale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

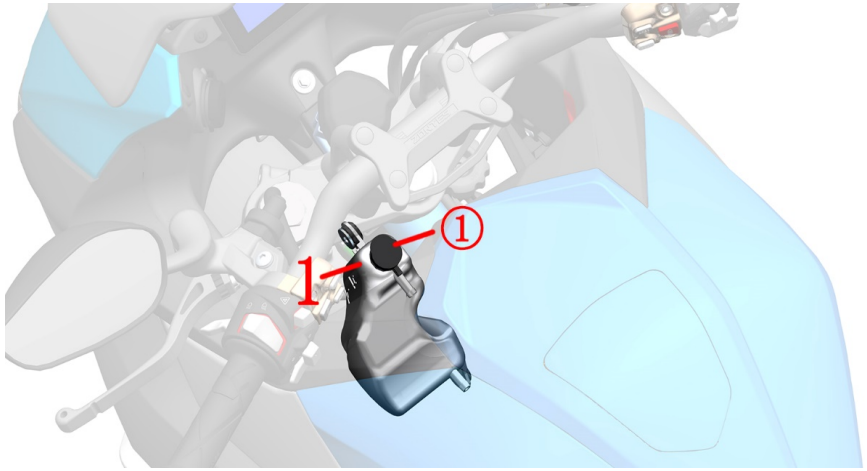
●Ensure every component is well assembled.

●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) .



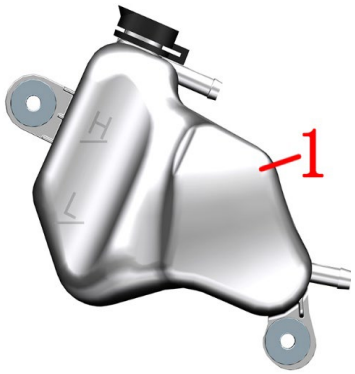


Fig.3 COOLING SYSTEM COMPONENT		Add coolant	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-019000	ZT350-R auxiliary water tank	1	

PROCEDURE:

●Add coolant

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

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

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

CAUTION:

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

●Change cooling liquid every two years is suggested.

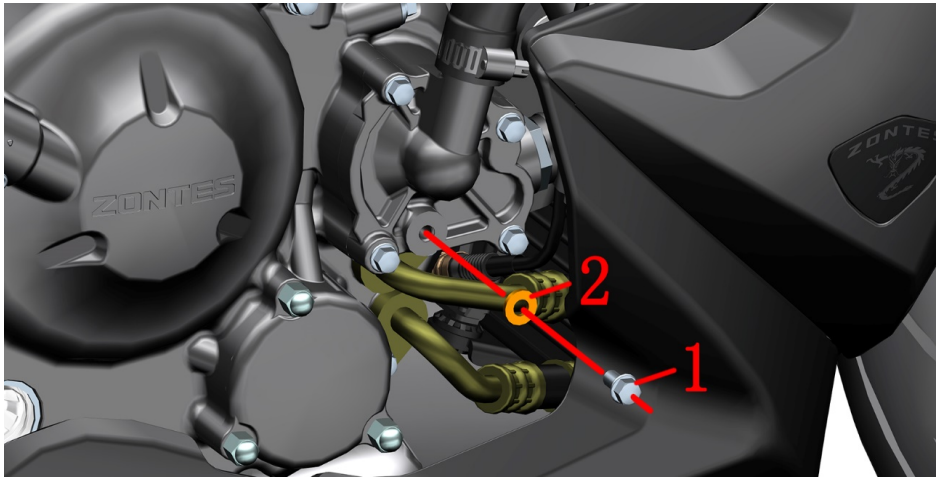
●Swallowing or inhaling cooling liquid would harm human body. Clean thoroughly the hands, face or explosing skin every time after adding cooling liquid. If cooling liquid is swalled by accident, please contact toxication center or hosipital. If it's inhaled, please move to open air. If it's spilt to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

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

●Total volume of cooling liquid is 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.



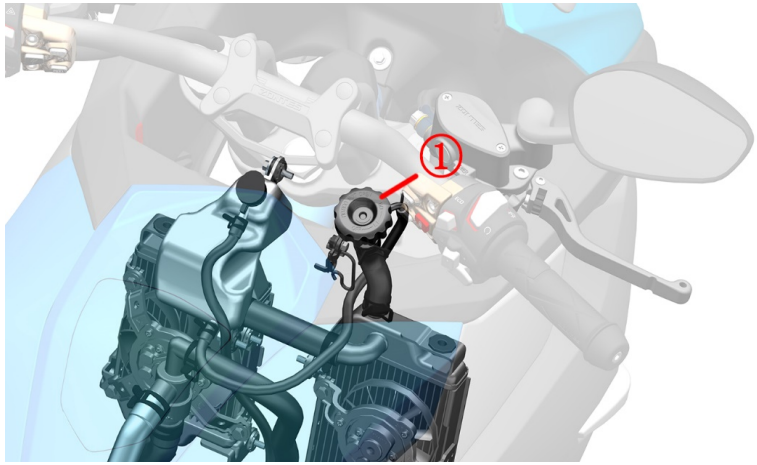


Fig.4 COOLING SYSTEM COMPONENT		Draining cooling liquid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	1	
2	1051654-002000	Combination seal 6×13×1.8	1	

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.

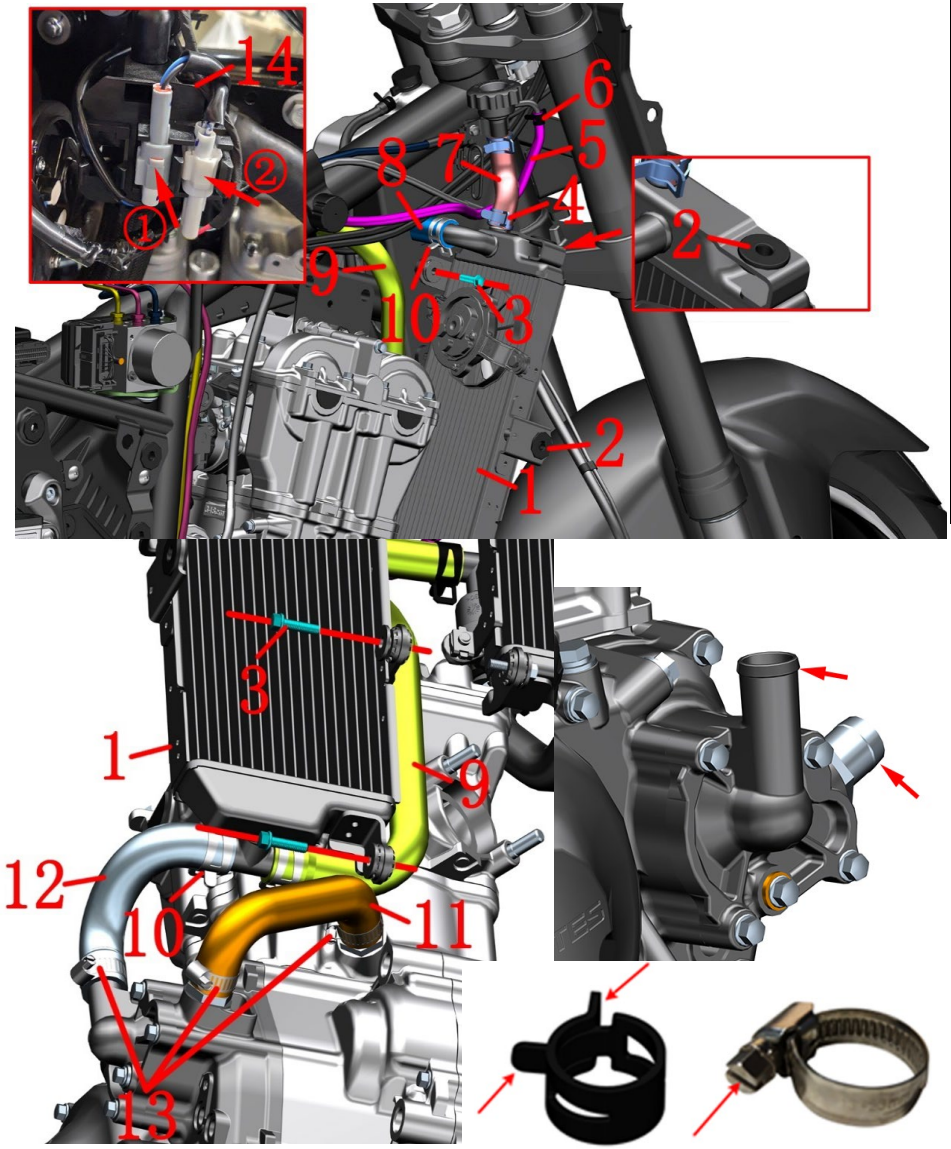


Fig.5 COOLING SYSTEM COMPONENT		Water tank assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-024000	ZT350-R right water tank	1	
2	1244100-002000	ZT250－S Side cover round rubber	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
4	1274200-089000	ZT310 water pipe clamp（φ22）	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.

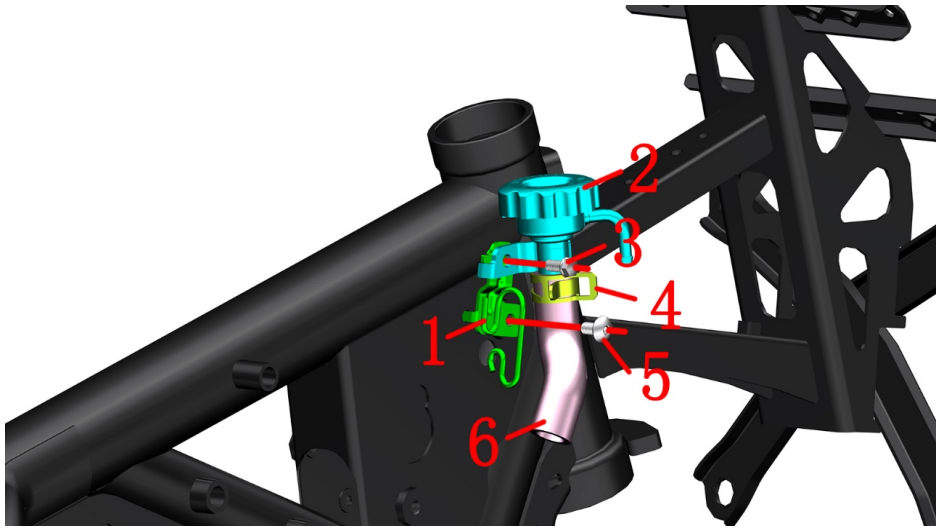


Fig.6 COOLING SYSTEM COMPONENT		Water tank assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
2	1224300-020000	ZT350-R water tank filling port	1	
3	1250104-006097	GB16674M6×12 (chromed/HH)	2	
4	1274200-089000	ZT310 water pipe clamp（φ22）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

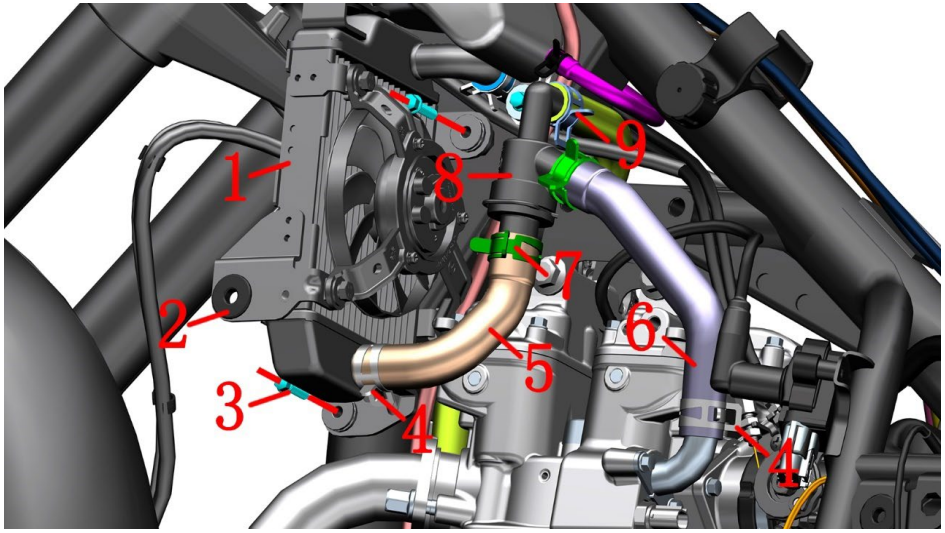
PROCEDURE：

●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".



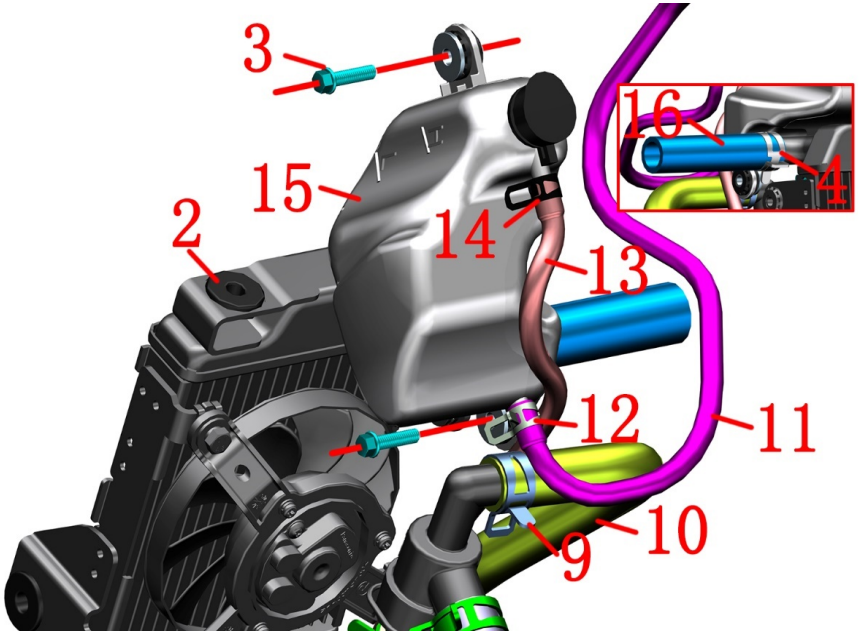


Fig.7 COOLING SYSTEM COMPONENT		Water tank assembly 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-023000	ZT350-R left water tank	1	
2	1244100-002000	ZT250－S Side cover round rubber	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	4	
4	1274200-090000	ZT310 water pipe clamp（φ26）	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.

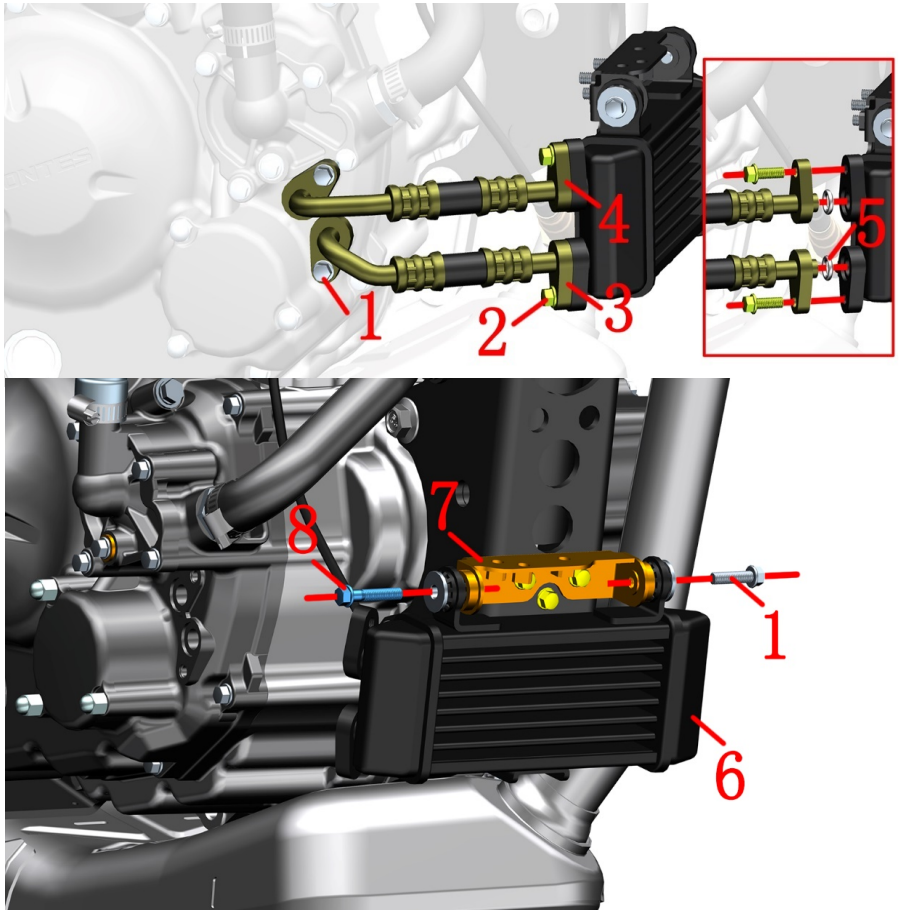


Fig.8 COOLING SYSTEM COMPONENT		Oil cooler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
2	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
3	1244300-007000	ZT350-GK oil outlet pipe of engine	1	
4	1244300-008000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

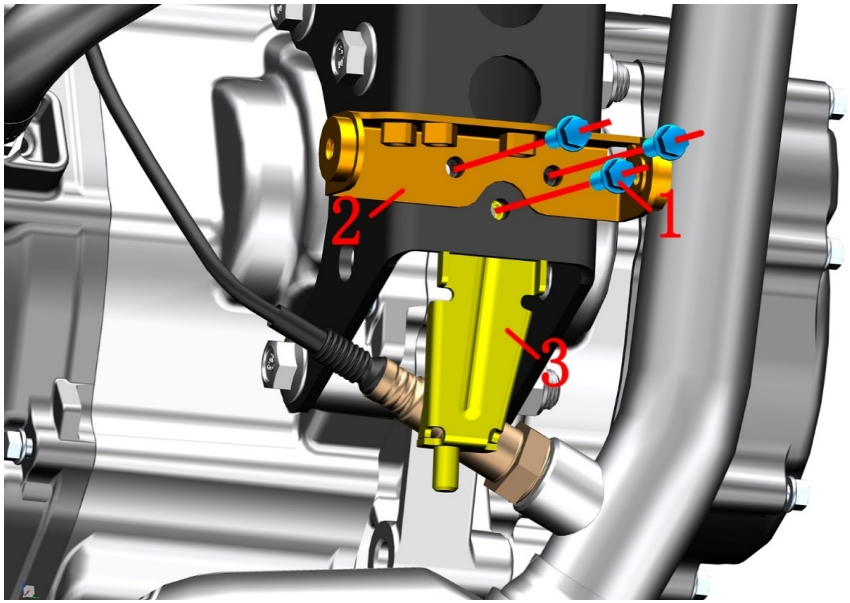


Fig.9 COOLING SYSTEM COMPONENT		Oil cooler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	3	
2	1274300-036000	ZT350-R upper bracket of oil cooler	1	
3	1274300-037000	ZT350-R lower bracket of oil cooler	1	

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.

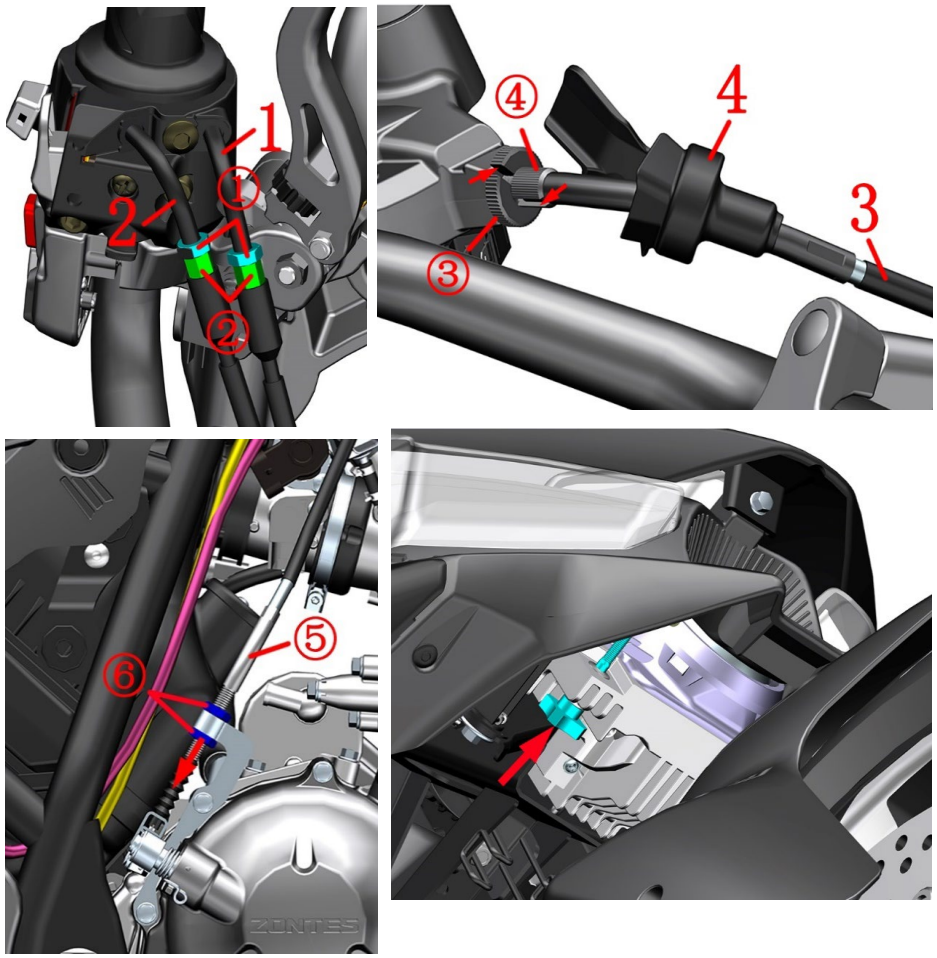


Fig.1 FRONT FORK COMPONENT		Throttle/clutch cable gap adjustment, high light adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1154300-004000	ZT350-X throttle refueling cable	1	
2	1154300-005000	ZT350-X throttle return cable	1	
3	1154300-007000	ZT350-X clutch cable	1	

PROCEDURE:

●Adjust the throttle line

The throttle line is loosened by the open wrench to release the throttle (1) or the cord (2). The tight nut ①, rotate the adjustment screw ② adjust the gap to 2 to 4mm. After the adjustment is adjusted, the nut is locked ①.

●clutch rosor free itinerary

Micro -adjustment of clutch line:

The protective rubber sleeve of the clutch arm is retracted to the bending tube of the clutch line, and the nut was loosened with pliers, the screw is adjusted by rotating, and the nut was locked. After adjustment, pay attention to the nut ③, adjust the screw ④ the groove of the rocker arms should be staggered to prevent the tacha from getting out.

Great adjustment:

If the fine -tuning cannot meet the requirements, the nut was opened with the opening wrench, the screw is adjusted by rotating, and the nut is locked again.

●light adjustment

Lighting highly adjusts the driver to take the vehicle to correct the vehicle to find the other person to find the lighting knob under the head to adjust the light to the right height.The counterclockwise to lower the height of the light.

CAUTION:

●During the disassembly process, the vehicle should be fixed to prevent accidental accidents.

●Pay attention to the tissue adjustment of the throttle is as follows:

After the adjustment, the throttle should be automatically reset. It is strictly forbidden to increase the engine idle due to adjustment.

When the direction of the rotation, the engine does not rise.

Check the engine idle speed of the heat machine, and should be 1500-1700 rpm.

●Patchomer adjustment needs to be noticed as follows:

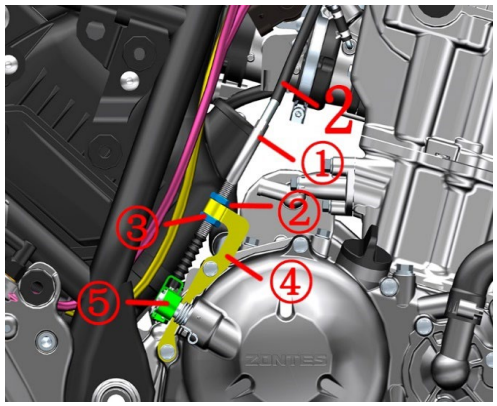
Excessive free strokes easily cause clutch and transformer mechanism wear and failure.

After adjustment, you must stagge the slot on the nuts, adjust the screw and the grooves on the rocker to prevent the pull from getting out of the slot.

●The height of the light needs to be paid attention to:

The height of the light is too low or too high will affect safety driving. The height of the light should be rationally adjusted according to the changes in the weight of the crew and driver.

It is strictly forbidden to adjust the height of the light during cycling. It is recommended to find a flat road surface with a flat road and a straight line distance of about 150 meters under the premise of affecting traffic safety at night.



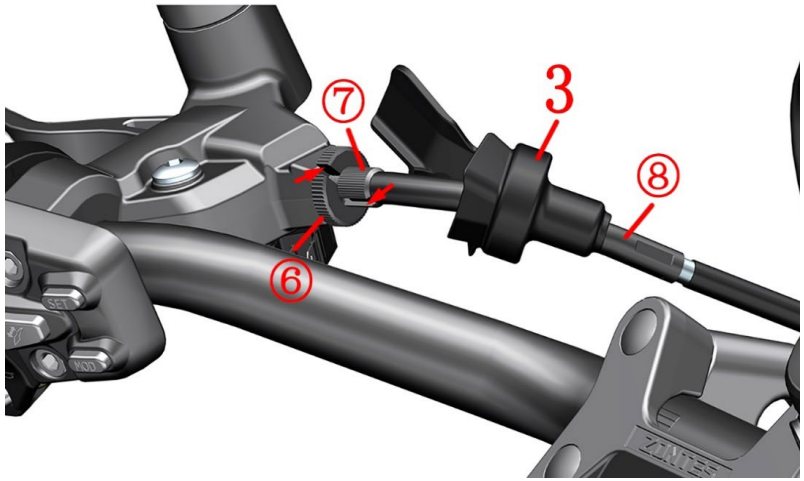


Fig.2 FRONT FORK COMPONENT		Replace the clutch cable	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-023000	ZT310 rubber buckle (50mm)	1	
2	1154300-007000	ZT350-X clutch cable	1	
3		Clutch cable sheath	1	

PROCEDURE:

●Remove the clutch line

First, untie the wire buckle on the left side in the direction.

Loosen the nuts ② and ③ with a 14# open-end wrench; fix the adjusting screw ①, screw the nut ② up to the top of the thread of the adjusting screw, and screw the nut ③ to the bottom to be completely separated from the thread. Separate the clutch core connector from the bracket ⑤, move the nut ③ towards the black sheath with one hand, and remove the adjusting screw ① from the bracket ④ with the other hand.

First, withdraw the protective rubber sleeve (3) to the elbow ⑧, loosen the nut ⑥ with pliers; screw the groove of the nut ⑥ and the adjusting screw ⑦ to the same position as the groove on the rocker arm, and remove the cable from the rocker arm seat. up and down.

Remove the clutch wire.

Remove the protective rubber cover (2) from the clutch line (2).

●Install the clutch line

Put the protective rubber sleeve (3) into the clutch line elbow.

After putting the clutch wire connector into the rocker arm, screw the slot of the nut ⑥ and the adjusting screw ⑦ to be staggered from the slot on the rocker arm.

Assemble the clutch wire in place according to the original wiring method.

Screw the nut ② up to the top of the thread of the adjusting screw, and screw the nut ③ to the bottom to completely disengage the thread.

Move the nut ③ towards the black sheath with one hand, and insert the adjusting screw ① into the bracket ④ with the other hand.

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

Preliminarily position the nut ②, adjust it according to the method of adjusting the free stroke in the adjustment of the clutch cable, and then tighten the nut ③.

Finally, reset the protective rubber cover (3).

CAUTION:

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

●To replace the clutch line, you need to disassemble the seat cushion, fuel tank assembly, surround and side cover first.

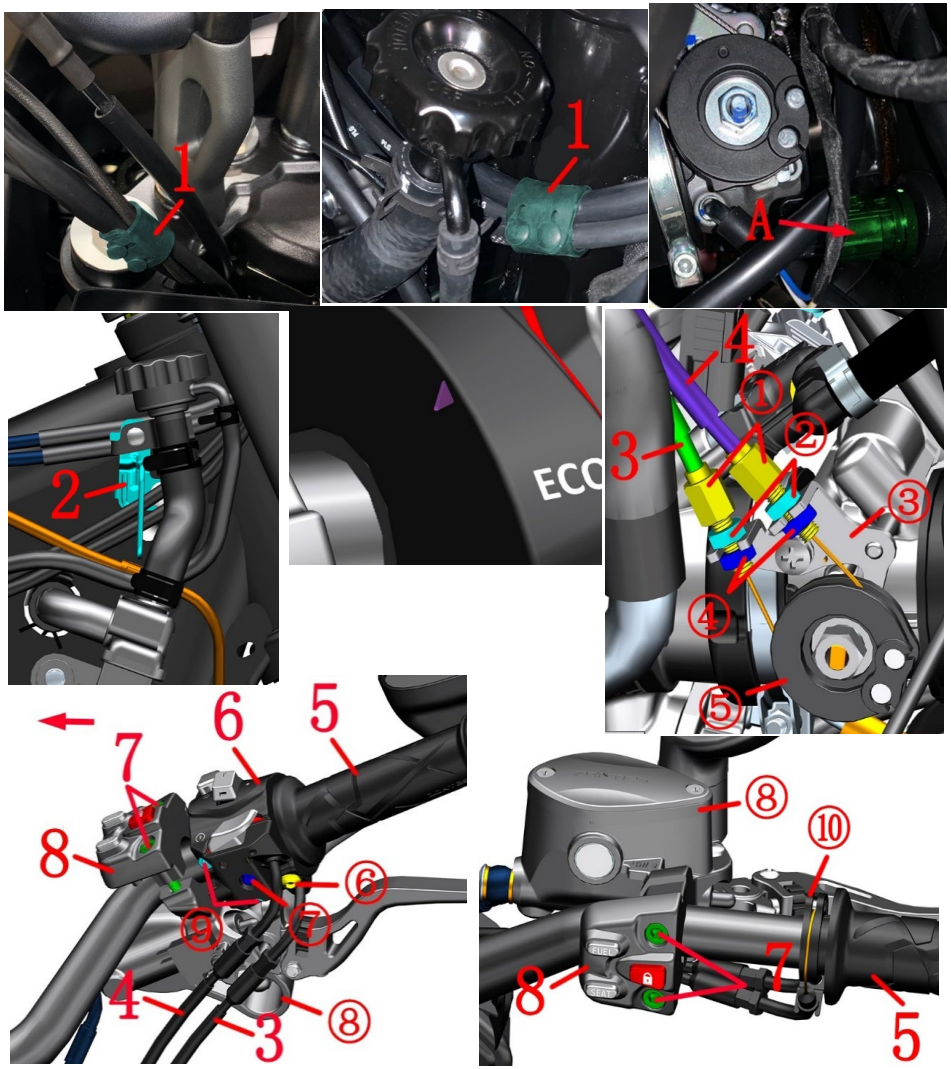


Fig.3 FRONT FORK COMPONENT		Replace the throttle	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-042000	ZT350 Rubber Wire Buckle (Double Buckle Type)	2	
2	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
3	1154300-004000	ZT350-X throttle refueling cable	1	
4	1154300-005000	ZT350-X throttle return cable	1	
5	1244100-042000	ZT250-R right handle bar rubber sleeve	1	
6	1184200-140000	ZT310-X1 Right Handle Switch	1	
7	1250205-031091	GB70.1M6×30(stainless steel)	2	
8	1184300-018000	ZT350-X second generation right handle switch (dark gray TFT-750)	1	

Refer to the method of adjusting the gap to adjust the tapecal gap; after adjusting the left and right rotation directions, the idle speed should not be changed and the reset is flexible. Locking nut ② and ④.

CAUTION:

●During the disassembly process, the vehicle should be fixed to prevent accidental accidents.

●Removal of the throttle line needs to be disassembled the cushion, fuel tank assembly, surrounding, and side caps.

PROCEDURE:

●Remove the throttle line

Plurry the throttle first unbutton the two line buckles.Unplug the temperature sensor of the empty filter of the arrow A.

Use 10#Open wrench to rot the throttle refueling line ② to rotate up to the end, the nut ④ rotation of the adjustment tube ①; remove the cylindrical connector of the refueling line from the turntable; The thread of the thread ② and ④, remove the cylindrical connector from the turntable, then move the regulatory tube of the fuel line (4) to move over the bracket on the throttle ③.

Put the throttle line from the gap of the stent in the water tank with the water outlet.

Use 5#Inner hexagonal tools to loosen the bolts; put the secondary switch (8) and the right disc brake rocker rocker component to the direction of the arrow and lock the bolt (7).The main pump of the disc brake should always be kept at a high position to prevent the air from entering the oil circuit.

Use your hand to hold the right hand to put the switch (6), first remove the bolt of bolts in 5#hexagonal, then remove the bolt ⑥.Open the handlebars and parts.

Put the throttle line from the right hand to remove the core turntable of the glue cover, and finally remove it from the lava hole in the lower part of the switch.

●Install the throttle line

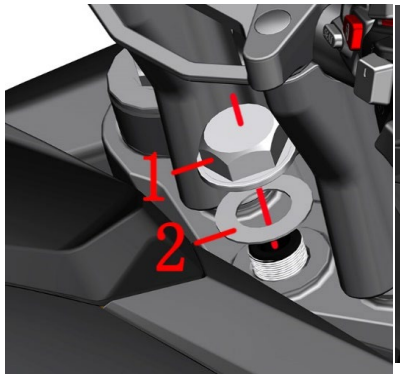
Put the accelerator line into the cable hole in the lower part of the switch.Put the cylindrical connector of the throttle line into the right hand to put the core turntable on the coat. Inste the bolt of the fuel wire to the restricted card slot on the refueling line, lock the bolt in the 5#hexagonal tool, and the torque is 8-10N.M. The switch is equipped with a tie bolt for a few times, and then observes the positioning hole and direction of the lower part of the switch (6) to lock the bolt and bolt ⑨. Finally lock the bolt again. Subtulate the auxiliary switch and rocker arms, pay attention to the symbols of the switching switch.

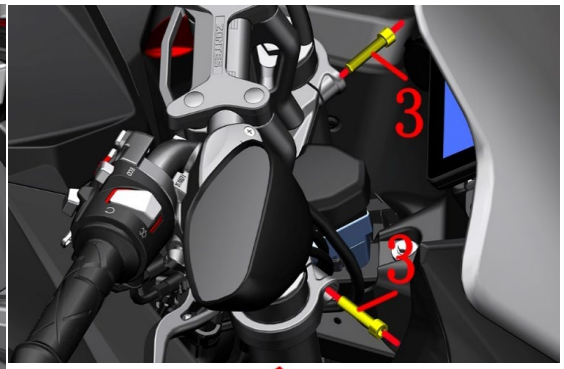
Put the accelerator from the gap of the water tank with the water outlet fixed bracket.

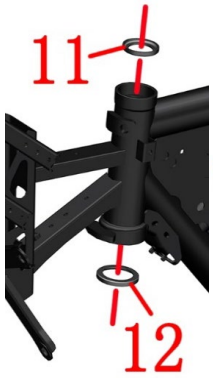
Use 10#Open wrench to push the throttle refueling wire or the nut of the oil line ② to rotate up to the end, and the nut ④ rotation out of the adjustment pipe ①.

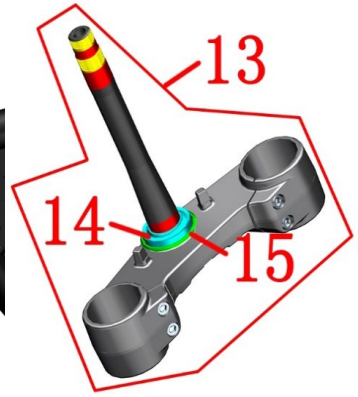
Put the back to the bracket ③, and then put the connector into the turntable ⑤.

Put the refueling line into the bracket ③, and then put the rotating turntable ⑤ at a certain angle.









Remove the adjustment of the nuts, remove the dust cover, axis hub, conjoined steel beads, conjoined steel beads, conjoined steel beads, and lower board components ①. Remove the direction column & front shock absorption & front wheel component to check whether the axis and conjoined steel balls have abnormal wear or rust.At the same time, check whether there are abnormal wear or rust in front of the riser in front of the frame. The newly replaced conjoined steel beads need to be evenly applied to lubricate oil evenly, pay attention to the amount of oil.

CAUTION:

●The vehicle should be fixed and then operated. During the disassembly, the material should be protected to prevent scratching the paint surface.

●When the steering adjustment is tight, it is stronger when the steering is turned. The front of the car shakes slightly when the brake is brake, and it needs to be adjusted according to the actual needs of the driver.

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	1251500-100000	φ22.5×φ39×1 gasket (chrome plated)	1	
3	1250205-034093	GB70.1 Hexagonal Socket 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 shaft ring	1	
9	1130900-022000	ZT250-S conjoined steel ball	1	
10	1134300-002000	ZT350-R conjoined steel ball	1	
11	1130900-026000	ZT250-S upper steel bowl	1	
12	1134300-001000	ZT350-R lower seat ring	1	
13	4094300-002051	ZT350-R lower 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	

PROCEDURE:

●Check the steering device and steering bearing

During the brake, the front fork is slightly moving or the direction of the tire is checked when the tire pressure is recommended at normal temperature when swinging. The standard 280kPa.

If you are lower than the recommended air pressure, you should inflatter the front tire to 350kPa, and then deflate to 280kPa. Whether the test drive is lifted. If you support the front wheels and rotate the tire tire, if there is some grinding or deformation, the front tire needs to be replaced. Continue to operate down.

Check the steering device to raise the front wheels, shake the lower part of the front fork by hand, and check whether the steering shaft is loose or the left and right rotation is not flexible.

Adjust the adjusting nut:

Remove the decorative nut with 30#plum blossom wrench, remove the pads (2); remove the bolts with 6#inner hexagonal tools.Put the direction and the upper plate component with a clean cloth and place them. Remove the anti -pine cushion rot; remove the top adjustable nut salamander with a dedicated four -claw sleeve or hook wrench, and remove the rubber pad.

If the steering resistance is too large, rotate the nuts under the timing of the clockwise rotation. If the torque is slightly rotated when the brake is slightly moved or switched, the torque is about 14N.M, so as to hold the front wheels to rotate the left and right rotation. It is appropriate.

When reassembling the top adjustment, you only need to rotate to align with the nuts underneath, and you must not be too tight to prevent the rubber pad from being too large;

Steering bearing. If the above operations still cannot exclude the steering resistance or stagnation as follows:

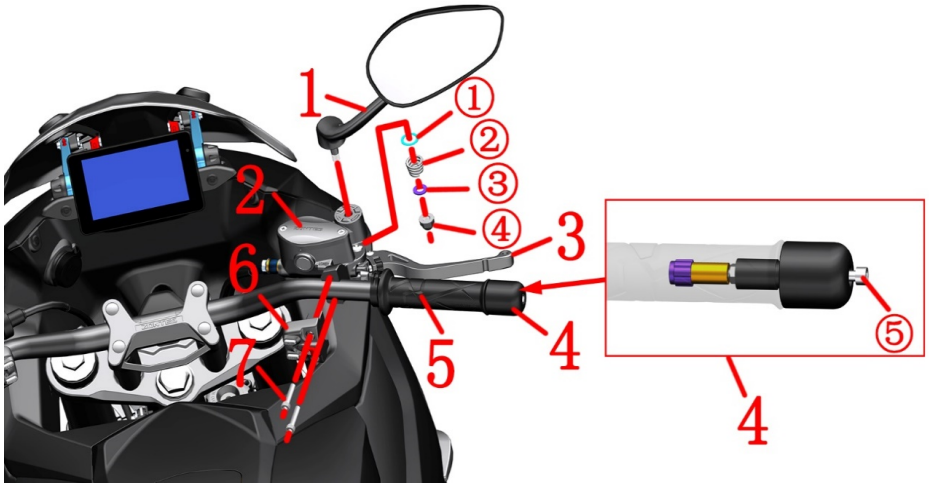


Fig.5 FRONT FORK COMPONENT		Right handlebar component (old model)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	190100-409051	ZT310-VX right rearview mirror (dark gray)	1	
2	1100100-831000	ZT350-GK front disc brake main pump assembly (φ14)	1	
3	1184300-018000	ZT350-X second generation right handle switch (dark gray TFT-750)	1	
4	1134300-018000	ZT350-R balance block (aggravated)	1	
5	1244100-042000	ZT250-R right handle bar rubber sleeve	1	
6	1184200-145000	ZT310-X Second Generation Right Handlebar Switch (TFT)	1	
7	1250205-031091	GB70.1M6×30(stainless steel)	2	

PROCEDURE:

●Remove the right rear-view mirror

Tighten the rearview mirror rod in one hand, remove the nut with the other hand with 14#sleeves ④, remove the small pads ③, spring ② and large pads ①.Take the rearview mirror (1) from the front disc brake main pump.

●Hand guard

Right hand holds the rubber sleeve and balance block with 5#inner hexagonal to twist the bolt on the balance block to the state in the figure, then out of the balance block (4), and then remove the right hand to remove the rubber cover.

●Right hand handle auxiliary switch

Fix the main pump of the front disc brake in the right hand, and remove the bolt (7) with the other hand with 5#inner hexagonal tools.Find the connection of the wire plug of the auxiliary switching (6) and remove it.

CAUTION:

●The vehicle level should be fixed and checked before checking.

●Check whether the liquid surface of the brake liquid should be between the "Observation Window 3/4".

●It is strictly forbidden to rinse the oil cup with high pressure water.

●The small pads of the rearview mirror need to align the cut slot on the rear visual mirror bolt.

●The right hand holds the switch to refer to the operation of the throttle line.

●The seams between the main pump and the auxiliary switch shall be aligned with the triangle on the right hand.

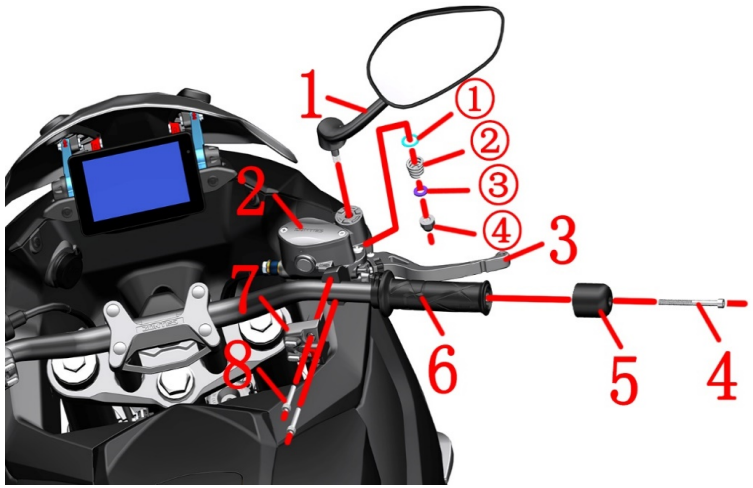


Fig.6 FRONT FORK COMPONENT		Right handlebar component (new model)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	190100-409051	ZT310-VX right rearview mirror (dark gray)	1	
2	1100100-831000	ZT350-GK front disc brake main pump assembly (φ14)	1	
3	1184300-018000	ZT350-X second generation right handle switch (dark gray TFT-750)	1	
4	1250205-085000	GB70.1M6×70 (stainless steel)	1	
5	1134300-021000	ZT310T-M balance block(Counterweight)	1	
6	1244100-042000	ZT250-R right handle bar rubber sleeve	1	
7	1184200-145000	ZT310-X Second Generation Right Handlebar Switch (TFT)	1	
8	1250205-031091	GB70.1M6×30(stainless steel)	2	

PROCEDURE:

●Remove the right rear-view mirror

Tighten the rearview mirror rod in one hand, remove the nut with the other hand with 14#sleeves ④, remove the small pads ③, spring ② and large pads ①.Take the rearview mirror (1) from the front disc brake main pump.

●Hand guard

Rightly remove the bolt of the rubber sleeve and balance block with a 5#hexagonal, and then remove the balance block and right hand.

●Right hand handle auxiliary switch

Fix the main pump of the front disc brake in the right hand, and remove the bolt (7) with the other hand with 5#inner hexagonal tools.Find the connection of the wire plug of the auxiliary switching (6) and remove it.

CAUTION:

●The vehicle level should be fixed and checked before checking.

●Check whether the liquid surface of the brake liquid should be between the "Observation Window 3/4".

●It is strictly forbidden to rinse the oil cup with high pressure water.

●The small pads of the rearview mirror need to align the cut slot on the rear visual mirror bolt.

●The right hand holds the switch to refer to the operation of the throttle line.

●The seams between the main pump and the auxiliary switch shall be aligned with the triangle on the right hand.

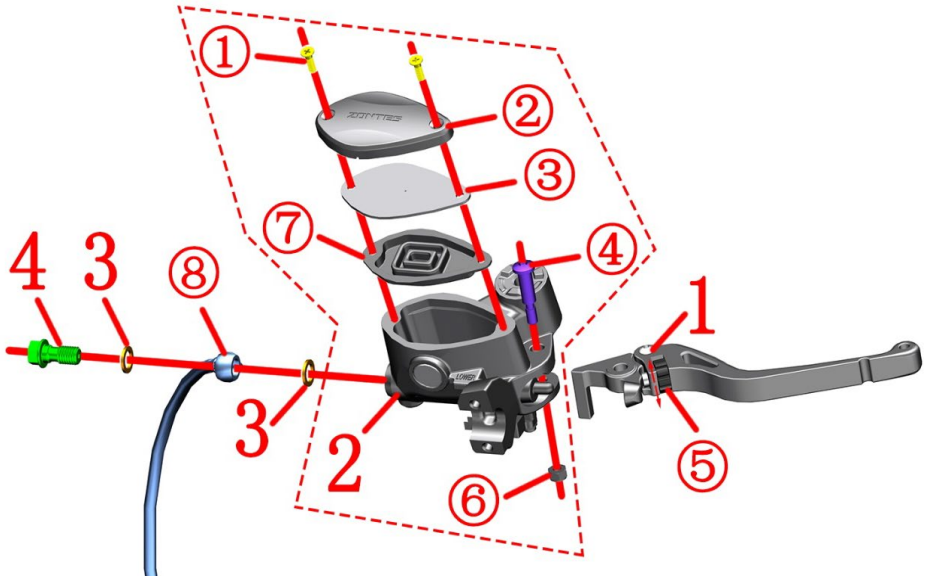


Fig.7 FRONT FORK COMPONENT		Add dynamic fluid, rocker arm adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-833000	ZT350-GK front brake handle (CNC)	1	
2	1100100-831000	ZT350-GK front disc brake main pump assembly (φ14)	1	
3	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
4	1251100-112000	Disc brake pipe bolt M10×1-22	1	32N.m

PROCEDURE:

●The main pump

The main pump of the front disc brake is fixed with the main pump of the front disc brake, and the bolt (4) and copper pad are removed with the sleeve.When replacing, you must keep the oil pipe joints always at a high level to prevent the air from entering the pipeline to cause the brakes to fail. At the same time, it should be cleaned up to prevent parts such as dripping to the cover parts or muffler. After replacement, you must continue the handle of the handle. Lightly shoot the main pump of the disc brake at the same time to eliminate a small amount of gas entering the brake oil road, and confirm that the braking is returning to normal.

●Handle

The handle rotates and adjusts the nut.

If you need to replace the handle, use a 5 #s hexagonal tool to fix the bolt ④, and then remove the nut with the 10#sleeve or plum blossom wrench; remove the bolt ④ and then remove the handle.

●Adding dynamic fluid of the front disc

Check whether the brake liquid surface should be above the "LOWER" standard before adding a brake liquid. Wait, if other abnormalities are excluded, the brake liquid needs to be added.

Only after the vehicle is fixed and the vehicle can only be added.

Remove the bolt with a cross screw knife ①, remove the upper cover ②, cover board ③, and sealing rubber pad.

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

Be sure to clean up the foreign body before re -assembly.

CAUTION:

●The vehicle level should be fixed and checked before checking.

●Seeing whether the liquid surface of the brake fluid should be regularly inspected whether the observation window is 3/4.

●If the liquid surface is under "LOWER", the braking film wear and the braking system should be checked first.

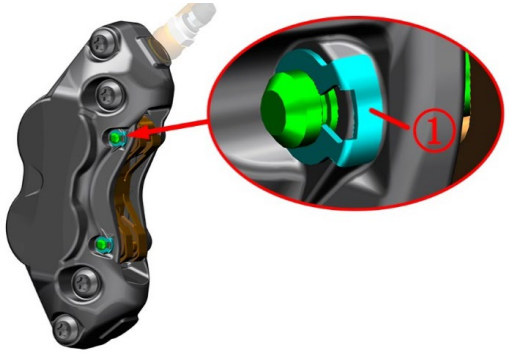
●If you swallow the brake liquid, you should immediately contact the Poison Control Center or Hospital;

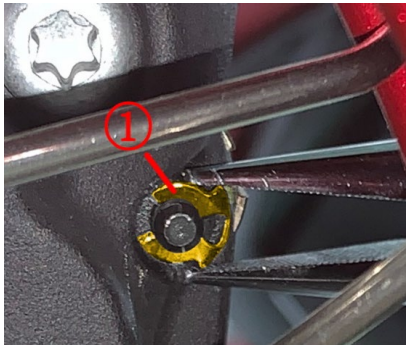
●The brake liquid must stay away from children and pets.

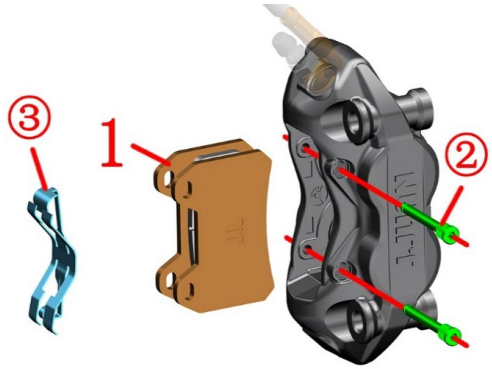
●It is strictly forbidden to rinse the oil cup with high pressure water.

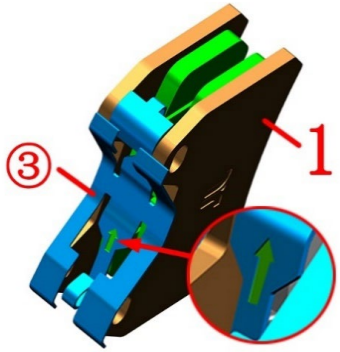
●It is strictly forbidden to mix water, dust, impurities, and liquids of silicic acid or oil, otherwise it will cause serious damage to the braking system.

●After opening, it must be used in time, and it must be sealing and moisture -proof measures when preservation; it is recommended not to exceed 1 month.Bad oil that is inferior or moisture will cause poor braking systems, and the braking failure may cause the braking failure when it is serious. Please go to the maintenance store with brake oil replacement equipment and technology to replace the brake oil to avoid the braking pipeline to enter the air.









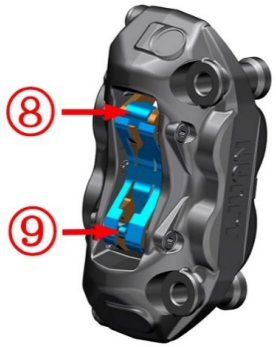


Fig.8 FRONT FORK COMPONENT		Replace the front brake	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-827000	ZT350-GK front radial caliper brake pads (SBS-SI-104HH)	1	After-sales

PROCEDURE:

●Replace the front brake

Replace the front brake tablet with a sharp mouth tong and pull out the stuck spring ①, remove the two card springs.

Use the T25 hexagonal plum wrench to remove the sales axis above ②, and then remove the sales axis.

Remove the shot ③, remove the brake piece (1).

Clean up foreign bodies such as the outer edge of the piston and the shaft.

Use a cross screw knife to remove the bolt of the first disc brake main pump.

Push the piston to the end in the direction of the arrow.

The main pump assembly of the front disc brakes must be accurately assembled.

Put the two brake slices in the calipers and install the shot ③ to the middle of the two brake films. The direction of the arrows in the shifts should be above.

Press the shell pointed at the arrows in the direction of the arrow with your hands, and insert the axis ② to insert the hole to fix the brake tablet. Tighten the axis on the T25 hexagonal plum wrench.

Use your hand to hold the body pointed at the arrow in the direction of the arrow, and use the sales axis ② to insert the hole to fix the brake tablet. Tighten the axis on the T25 hexagonal plum wrench.

Put the two card springs back on the sales axis. The buckle is in place after making a sound. When assembling the deck, you need to pay attention to the edge of the edge. If the deformation of the deformation can be corrected with a hammer with appropriate strength.

Repeat the handle until the power is resumed.

CAUTION:

●The vehicle should be fixed and then operated.

●Check the wear of braking films and brake discs regularly, and regularly check whether the brake liquid surface in the dish main pump is 3/4.

●When replacing the brake film, it is strictly forbidden to remove the oil pipe bolt and the bolt of the air -to -mouth.

●After disassembling the main pumping cup cover of the disc brake, the car should not shake the front to prevent the brake from overflowing.

●After newly replaced the brake film, it should be fully running in before the brake can be fully run into the best braking effect.Pay attention to leaving enough braking distance during the running -in.

●It is recommended to go to a qualified maintenance unit to replace the brake film.

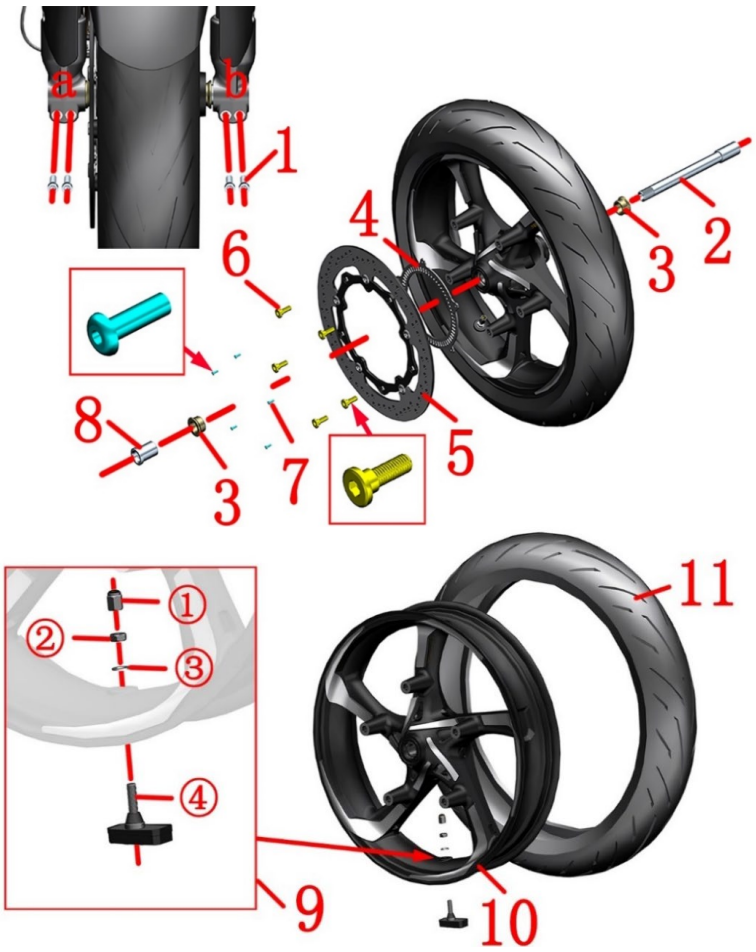


Fig.9 FRONT FORK COMPONENT		Front wheel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-023000	GB70.1 inner hexagonal M8×35 (color Zinc)	4	20N.m
2	1094100-063000	ZT650 front wheel hollow shaft Φ20×243	1	
3	1274300-008000	ZT350-GK front wheel bushing (φ20×φ28×15.5/shoulder outer diameterφ34)	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	5	
7	1250402-001091	GB12615φ3×10	5	
8	1094100-037000	ZT250-R front wheel right fixed bushing	1	
9	1184300-057000	ZT350 tire pressure sensor N (M8 straight head)	1	
10	1094300-007021	ZT350-GK front aluminum wheel (MT3.5×17/black/single disc)	1	
11	1230100-558200	120/70ZR17 CM－S3N (58W) TL E4 IMARK	1	

●Maintenance project tires: regular check whether the tires have cracks, cracks, air pressure, etc.If it has been worn to the tire wear identification, it must be replaced with tires of the same specifications.

Refer to the instructions in detail. Tire is not suitable for areas with low temperature. When the outdoor temperature is too low, it is recommended to store the vehicle in a high temperature place or indoors to prevent frozen cracks. Normal temperature: Standard 280kPa. Wheels: Check whether the wheels have adverse phenomena such as deformation and cracks. Support the rotation of the rotation level to check whether there are stagnation, swinging, etc.

Rotal oil seal: TCφ42 × φ28 × 7; bearing: size φ42 × φ20 × 12, specifications: 6004-2RS.

Wheel axis: Use a percentage table to check whether there is deformation and bending.

Braking disk: After the brake disk is replaced, it should be fully running in before the brake disk is fully run into the best brake effect.Pay attention to leaving enough braking distance during the running -in.

PROCEDURE:

●Disassembling tires and rotor components

Tire and rotor components are removed with two bolts on the left front shock absorbing bottom b with 6#inner hexagonal.First hold the front wheels and then remove the hollow shaft with 17#inner hexagonal, remove the left axis sleeve (3) .Remove the two bolts of the front shock absorbing bottom A. Put the right fixed shaft sleeve (8) and the right axis set.

●Brake discs, ABS gear

Disastern 5 bolts with 6#inner hexagonal in the brake disc, ABS tooth barrel, and protect the brake disc in the surroundings of rivets or double -sided glue around the rivet. Pack the drum, remove the ABS gear (4) and brake disk.

●Tires and rotation components

Tire and rotor components first unscrew the valve cap ① to release the gas, remove the tire (11) with a professional tire pulling machine, and avoid the position of the tire pressure sensor when pulling the tire.Remove the nut with the 12#wrench ② and remove the pad ③.Finally remove the tire pressure sensor ④.

CAUTION:

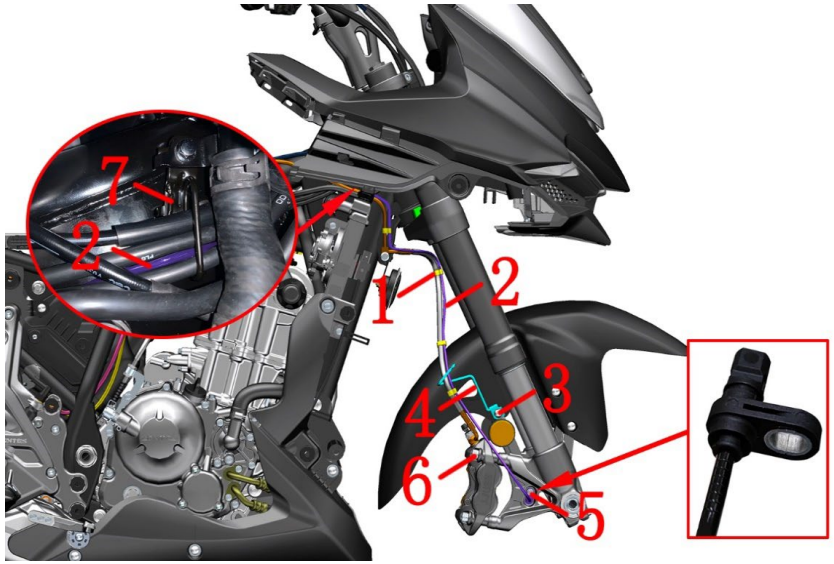
●Use suitable tools to support the entire vehicle to prevent accidents caused by the vehicle dumping during disassembly; it is strictly forbidden to operate single.

●Be careful when disassembling tires and wheels to prevent damage.

●After replacing the tire, check whether the air leakage and the balance of the movement.

●Insufficient air pressure on the tire may cause turning jitter, abnormal wear, etc.; There is a risk of explosive tires in summer tire pressure.

●Because the tire self -replenishment may block the pores of the tire pressure monitoring sensor, it should not be used when the pores of the tire pressure monitoring sensor cause inflatable difficulty or the tire pressure monitoring failure.



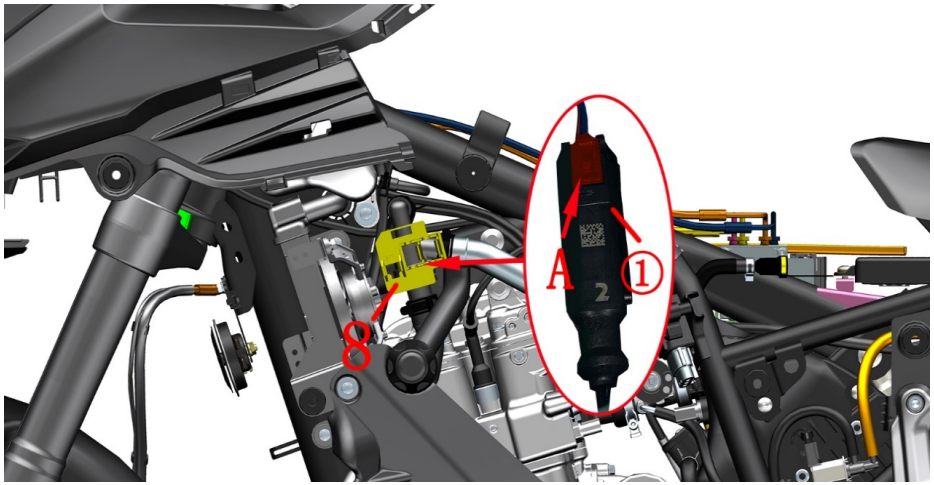


Fig.10 FRONT FORK COMPONENT		Robe sensor component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-044000	Wheel speed sensor clamp	4	
2	1181200-118000	Wheel speed sensor(A)	1	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
4	1274300-109000	ZT350-R Front oil outlet pipe clamp	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
6	1251100-303093	GB70.1 Hexagon socket head bolt M10×1.5×60 (grade 12.9 / environmental protection color Zinc)	2	
7	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
8	1224300-112000	ZT350－X wheel speed sensor plug holder	1	

PROCEDURE:

●Disassembling speed sensor

Locate the wheel speed sensor (2) on the bracket (7) and remove the sensor (2) from the gap behind the bracket (7).Find the wheel speed sensor plug ①n on the wheel speed sensor plug holder (8).Press the buckle of a and pull out the plug ① of wheel speed sensor.Then remove the clamp (1).Remove bolt (5) with 4# socket head cap and remove wheel speed sensor (2).

●Front disc brake calipers

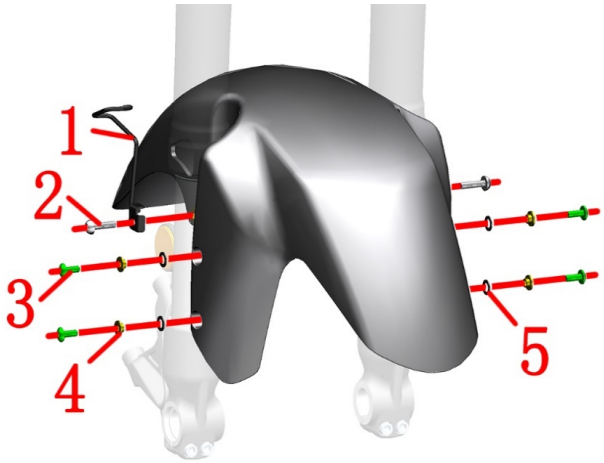
Remove the bolt 6 with 8# hexagon socket to let the caliper sag naturally. It is strictly forbidden to invert the caliper to prevent air from entering and causing brake failure.

CAUTION:

●When replacing the speed sensor, remove the cushion, fuel tank assembly, front surround and side cover when replacing the speed sensor.

●During the disassembly process, the vehicle should be fixed to prevent accidental accidents.

●Disassembling the oil pipe clip and the sensor wire clip should pay attention.



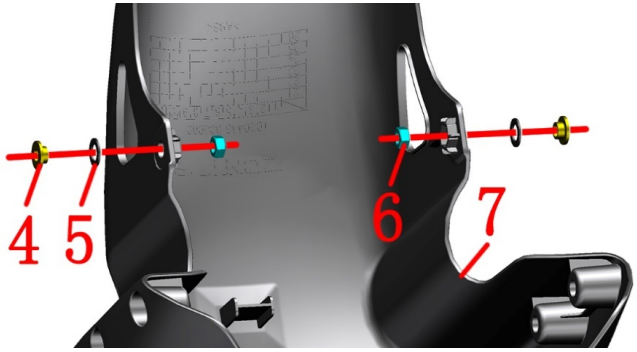


Fig.11 FRONT FORK COMPONENT		Front mud	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-109000	ZT350-R Front oil outlet pipe clamp	1	
2	1251100-364000	Non-standard bolt M6×25 (environmental color/10.9 grade)	2	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
4	1274100-057095	Flanging 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	1250301-020093	GB6170M6 (environmental color)	2	
7		ZT350-R Front Fender	1	

PROCEDURE:

●Front fender assembly

Hold the front fender assembly by hand, then remove the bolt (6) with a 4# hexagon socket, and take off the front oil outlet line clip (1).

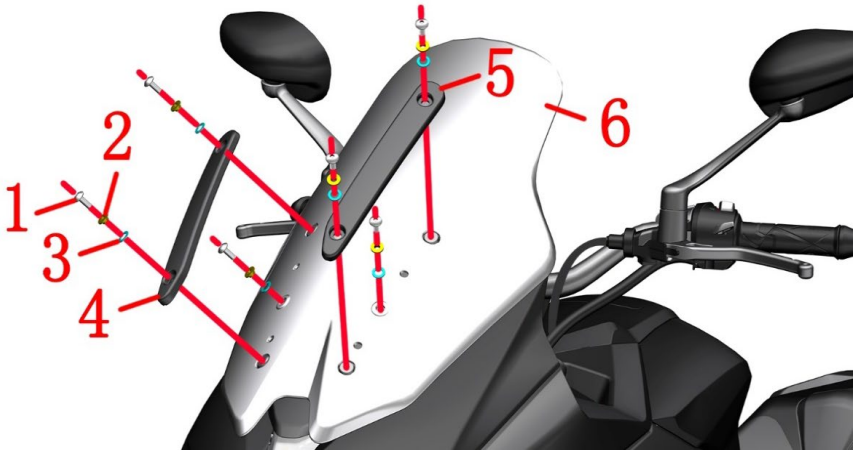
Remove the bolts (7) from the 6# inner hexagon, and remove the bushing (8) and buffer rubber (9). Remove the front fender assembly.

Remove the bushing (8), buffer rubber (9), nut (10), and take off the front fender (11).

CAUTION:

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

●Be careful when removing the oil pipe clip and sensor wire clip.



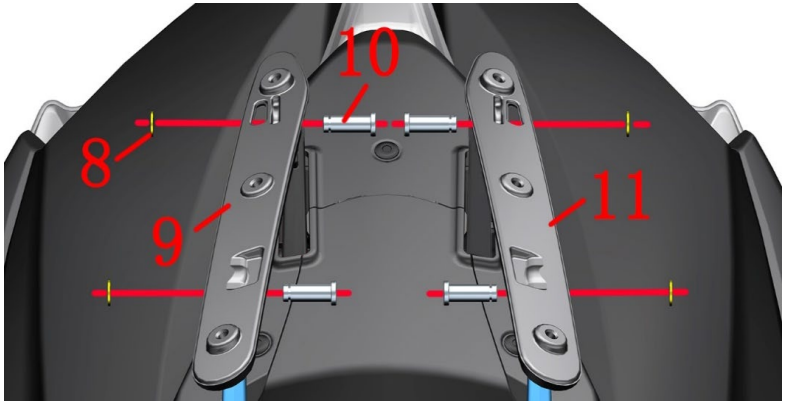


Fig.12 FRONT FORK COMPONENT		Windshore	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
4	1224200-132000	ZT310-X1 windshield upper left pressure block	1	
5	1224200-133000	ZT310-X1 windshield upper right pressure block	1	
6	1224200-139000	ZT310-X1 windshield	1	
7	1244200-080000	ZT310-X1 windshield lower pressure block pad	2	
8	1264100-006000	ZT250-S Pedal circlip	4	
9	1274200-204000	ZT310-X1 windshield lower left clamp	1	
10	1274200-030000	ZT310-X rotated shaft of lower press block of wind shield	4	
11	1274200-205000	ZT310-X1 windshield lower right clamp	1	

PROCEDURE:

●Demolition wind glass component

The windshield components remove the two bolts(1) on the left, and remove the bushing (2) and the buffer glue (3) on the windshield upper left pressure block(4).Follow the above steps off the windshield and the right pressure block(5). Keep the windshield(6) then remove the bolt(1) under the upper block, remove the band (2) and buffer rubber (3),and then remove the windshield (6).

Remove the block pad(7).

●Windshield underwater block component component

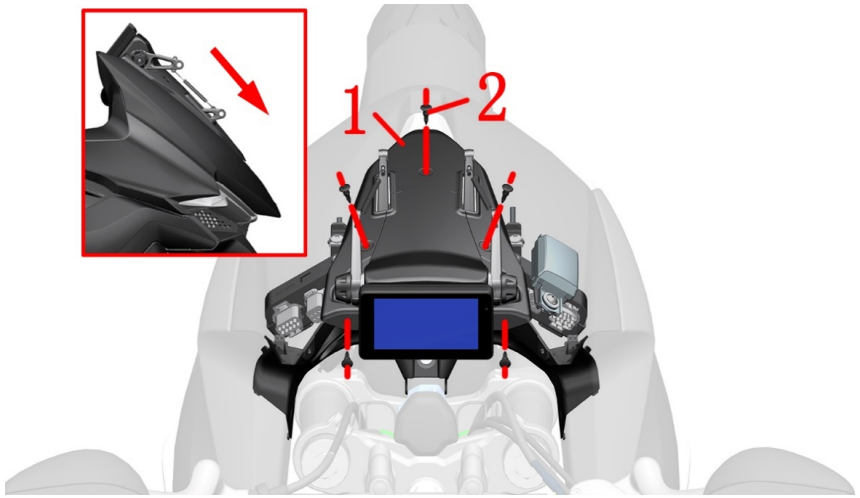
Under the windshield under the pressure block component, hold the lower left clamp (9) and use the tool to push the sacred spring (8), and then remove the rotating shaft (10).Remove the lower left clamp (9).

Follow the above steps to remove the right pressure block (11).

CAUTION:

●During the disassembly process, the windshield should be protected to prevent scratching.

●The stuck spring is small. Pay attention to keep it in the process of disassembly and prevent it from falling into the vehicle.



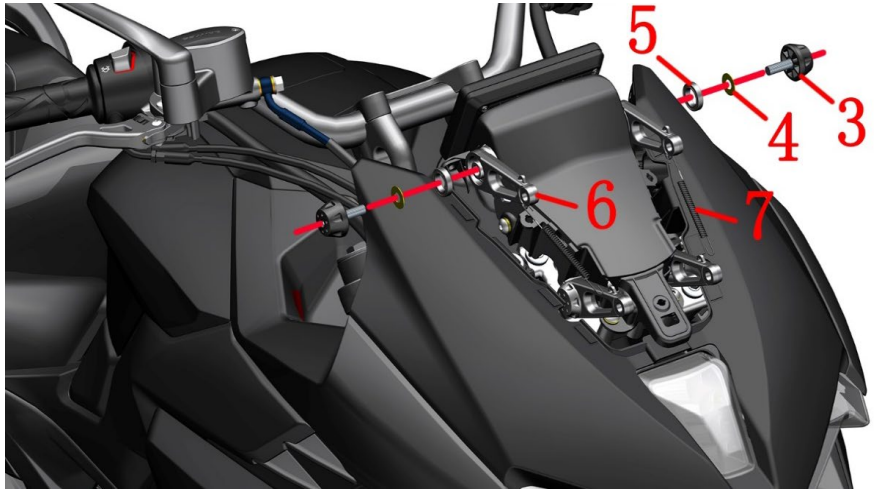


Fig.13 FRONT FORK COMPONENT		Windshore	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-131000	ZT310-X1 windshield trim	1	
2	1224100-010000	ZT250-S swell nail	5	
3	1224200-093000	ZT310-T head cover on rocker arm decorative block	2	
4	1274200-136000	ZT310-T head cover upper rocker gasket	2	
5	1250601-093000	6802 deep groove ball bearing	2	
6	4024200-078051	ZT310-T Windshield Rocker (Dark Gray Matte)	2	
7	1260100-218000	ZT310-T head cover rocker extension spring	2	

PROCEDURE:

●Wind disassembly shield

The windshield decorative board removes 5 expansion nails(2), pulls the windshield to the direction of the arrow slightly, and push it on the bottom (the direction of the arrow shown in the small picture).Remove the windshield(1).

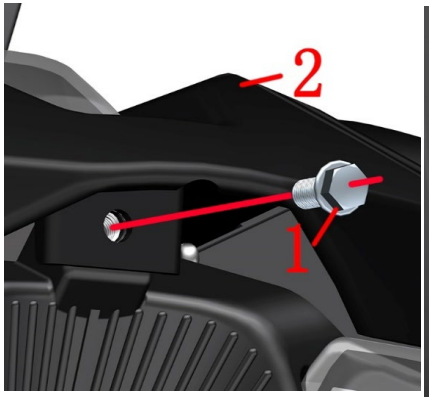
●Windshield rocker arm

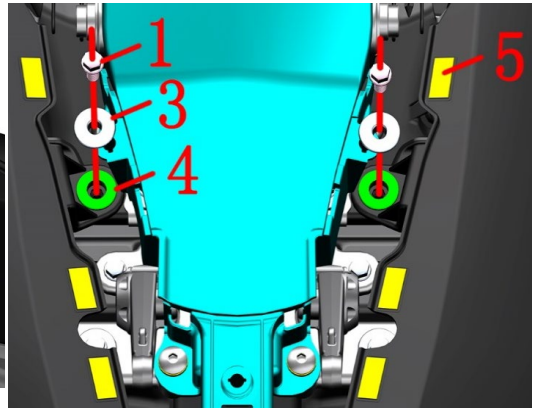
The windshield rocker arm removed the upper rocker decorative block(3) with the 6#inner hexagonal tool, and removed the pads(4) and bearing(5).Remove the windshield rocker(6) and spring(7).

CAUTION:

●Pay attention and direction of the windshield.

●Prevent small parts from falling into the vehicle.





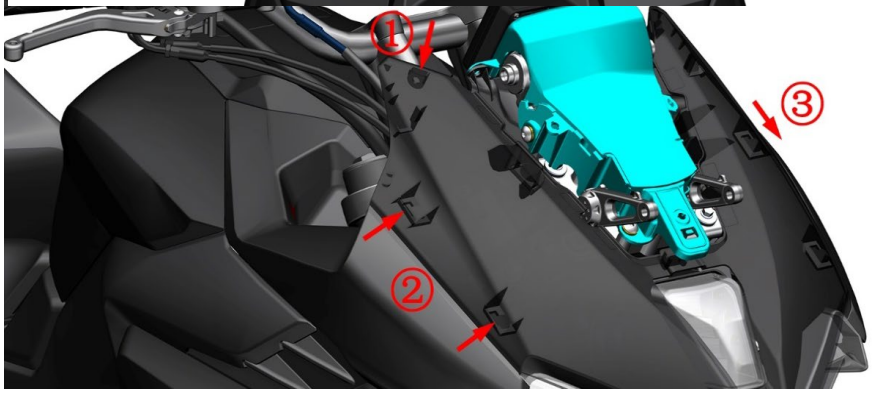


Fig.14 FRONT FORK COMPONENT		Cover panel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	3	
2		ZT350-X head cover panel	1	
3	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	
4	1244100-004000	ZT250-S Flanging bushing buffer	2	
5	1240300-007000	HJ125-6 Battery rubber gasket	6	
6	1224100-010000	ZT250-S swell nail	2	

PROCEDURE:

●Head cover panel assembly

Removed bolts(1) from the bottom of the hood panel.

Remove the two bolts(1) on the top of the headhopper panel, remove the bushing(3).

Use a small cross screw knife to press down the center of the expansion nail and remove the two expansion nails(6).

Grasp the two sharp corners near the expansion nails(6), and gently shake the cover panel (2) to loosen the hood on both sides.

As shown in the direction of the arrow ③, push the headhopper to the bottom of the direction, and push the four buckle② on both sides.

If you need to replace the rubber pad(5) to tear it off from the headhopper panel(2). Remove the buffer glue(4) from the head cover panel (2).

CAUTION:

●Keep protective measures to prevent scratching.

●Pay attention when you open the buckle to prevent the card buckle from broken due to excessive strength.

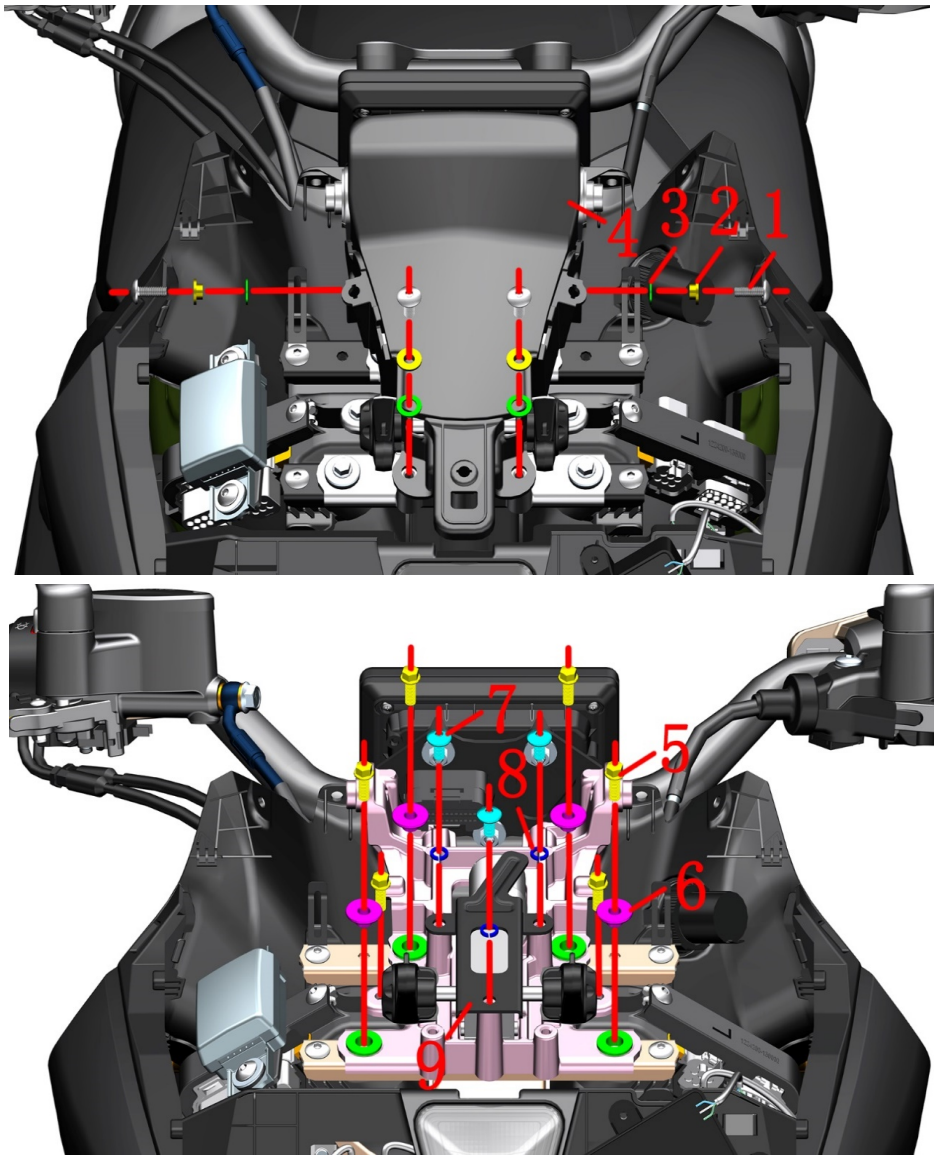


Fig.15 FRONT FORK COMPONENT		Windshore base component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	4	
4	1224200-130000	ZT310-X1 windshield motor outer cover	1	
5	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	6	
6	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	4	
7	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
8	1250501-010000	GB93φ6 spring pad	3	
9	1274200-137000	ZT310-T motor pressure plate	1	

PROCEDURE:

●Windshield motor housing

Remove four bolts (1),bushing (2) and buffer rubber (3) respectively.Remove motor housing (4).

Find and pull out the cable joint of the instrument and windshield motor.

●Windshield motor

Remove 3 bolts (7) of the windshield motor and take down 3 pieces (8) of bomb pads; remove the motor voltage plate(9).

Remove the wind gear component.

Remove the 6 bolts (5) and remove the bushing (6) and remove the windshield base and instrument component.

CAUTION:

●It is forbidden to pull the cable directly when plugging.

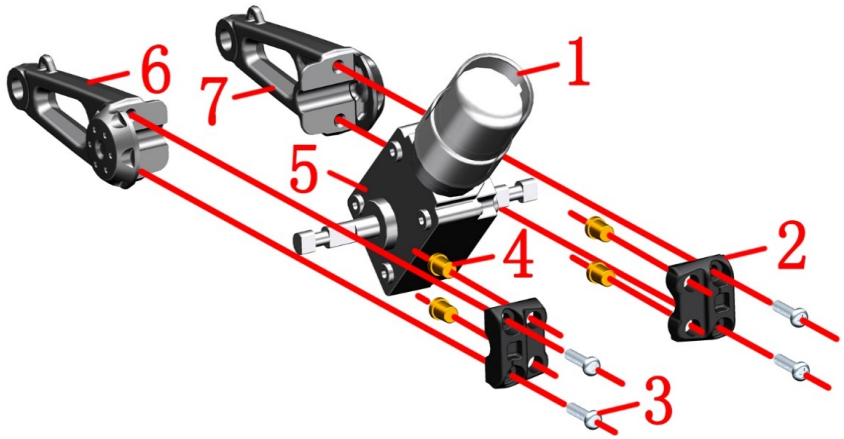
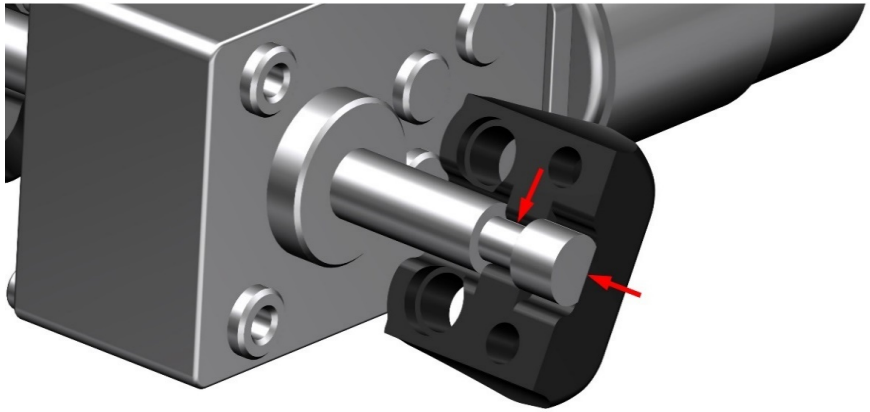


Fig.16 FRONT FORK COMPONENT		Windshore base component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244200-074000	ZT310-T windshield motor sheath	1	
2	4024200-081051	ZT310-T mounting plate of head cover (lower rocker (dark gray matte)	2	
3	1250201-046000	GB818 cross recessed pan head screw M4×16 (environmental color)	4	
4	1244200-075000	ZT310-T windshield front rocker buffer rubber	4	
5	1184200-074000	ZT310-T windshield motor	1	
6	4024200-079051	ZT310-T lower left rocker of head cover (dark gray matte)	1	
7	4024200-080051	ZT310-T lower right rocker of head cover (dark gray matte)	1	



PROCEDURE:

●Windshore base component

The windshield motor components are removed from the motor cover.

Grasp the lower left rocker, remove 2 screws (3) with a cross screw knife, then remove it, remove the rocker arm block (2) and 2 buffer gum (4).

Grasp the lower right rocker, remove 2 screws (3) with a cross screw knife, then remove it, remove the rocker arm block (2) and 2 buffer gum (4).

CAUTION:

●It is forbidden to directly pull the cable.

●Pay attention to the limited plane and limit slot of the motor and rocker arm.

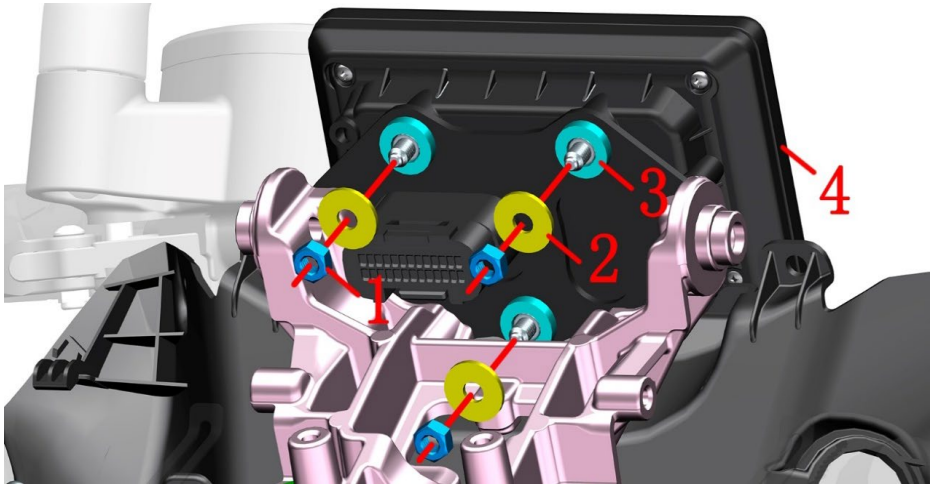
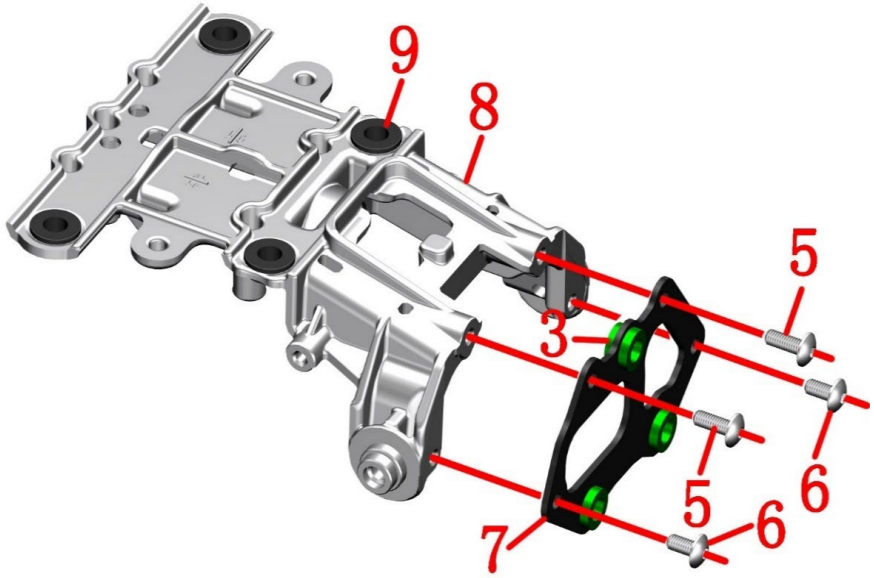


Fig.17 FRONT FORK COMPONENT		Windshore base component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250301-020093	GB6170M6 (environmental color)	3	
2	1250502-010093	GB96.1 φ6(environmental color)	3	
3	1244200-092000	ZT310TFT gauge rubber cushion	3	
4	1164300-004000	ZT350-X/T universal TFT instrument(17 inch)	1	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
6	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
7	1274200-206000	ZT310-X1 speedometer(TFT) bracket	1	
8	1274200-203000	ZT310-X1 windshield base	1	
9	1244100-004000	ZT250-S Flanging bushing buffer	4	



PROCEDURE:

●Instrument

Unplug the meter, use a 10# torx wrench to remove 3 nuts (1), remove the gasket (2); remove the meter (4).

●Windshield base

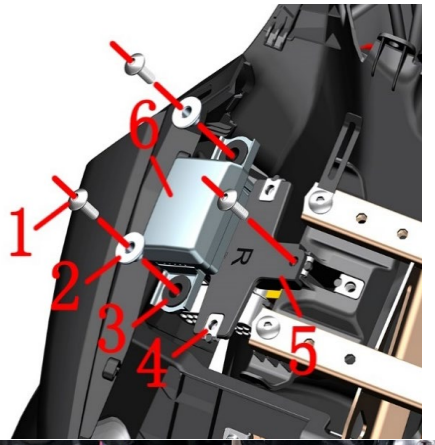
Remove the 2 bolts (5) and 2 bolts (6) to remove the instrument bracket (7) from the windshield base.

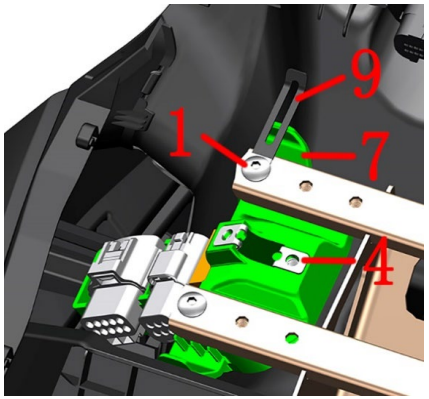
Remove the 3 pieces of buffer glue (3) from the instrument bracket (7).

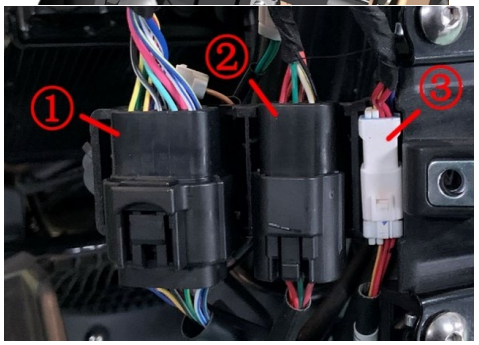
Remove the 4 pieces of buffer rubber (9) from the windshield base (8).

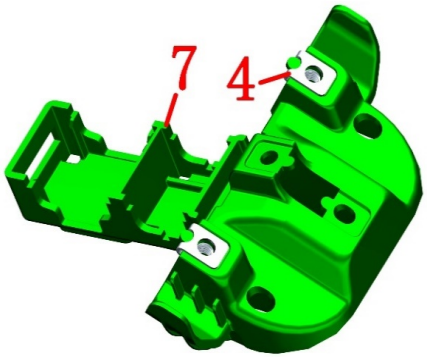
CAUTION:

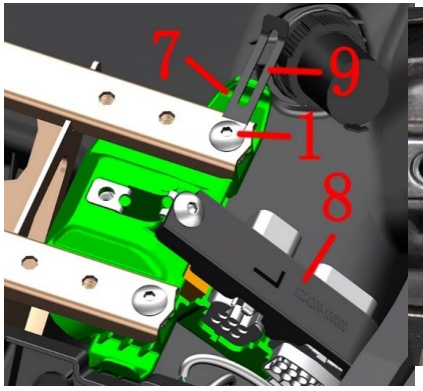
●Protection measures should be taken to prevent scratching the instrument lens.











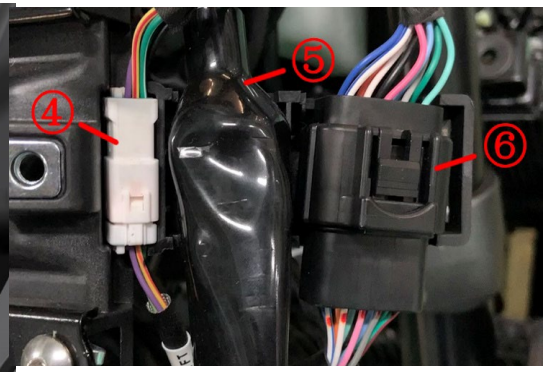


Fig.18 FRONT FORK COMPONENT		Clip	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	10	
2	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	
3	1244100-004000	ZT250-S Flanging bushing buffer	2	
4	1251300-063093	Plywood M6×11×15(color Zinc)	10	
5	1224200-137000	ZT310-X1 collecting clamp right cover	1	
6	1186200-016000	ZT310T-M windshield motor controller(limited time)	1	
7	1224200-134000	ZT310-X1 hub clamp	2	
8	1224200-136000	ZT310-X1 hub clamp left cover	1	
9	1276200-043000	φ6 wire clamp (L=57)	2	

PROCEDURE:

●Electric disassembly controller

The motor controller first unplug the two connectors of the motor controller, remove the two bolts(1), and remove the controller(6) after removing the flanging sleeve(2).Remove the bushing buffer (3) from the controller.

●Wiring clamp the right cover

Remove the bolt(1). Rremove the right cover (5).Take 2 plywood(4) from the right cover.

●Hub clip

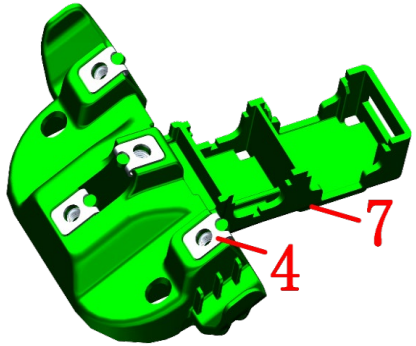
The hub clip first puts the switch on the right hand first, the faucet lock switch ② the right side handle switch of the box ③ remove from the clip of the hub, then remove the two bolts. Take it off.Remove the two splints from the hub.

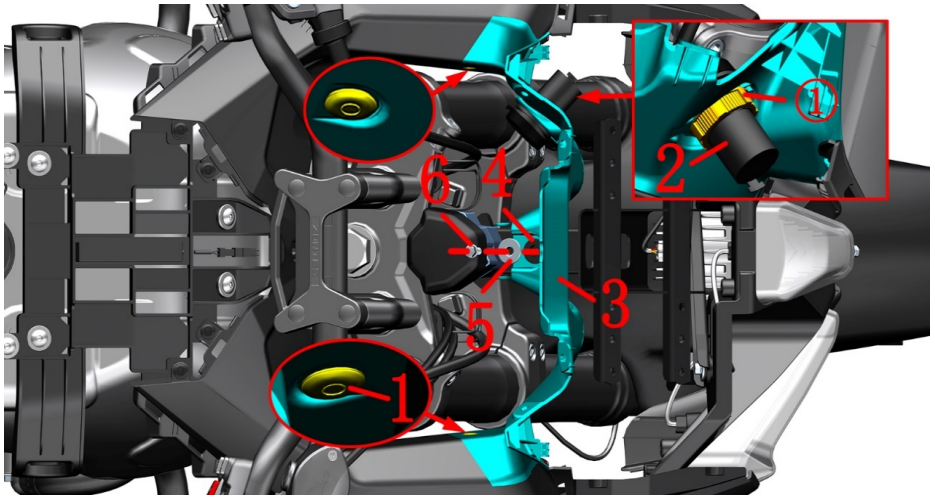
Refer to the above steps to remove the hub to clamp the left cover and the left hub. ④ The handlebar is switched, ⑤ Electric heating handlebars switch, ⑥ is the left handlebar switch.

CAUTION:

●It is forbidden to directly pull the cable.

●The hub clamps the left and right; the hub is covered with left and right.





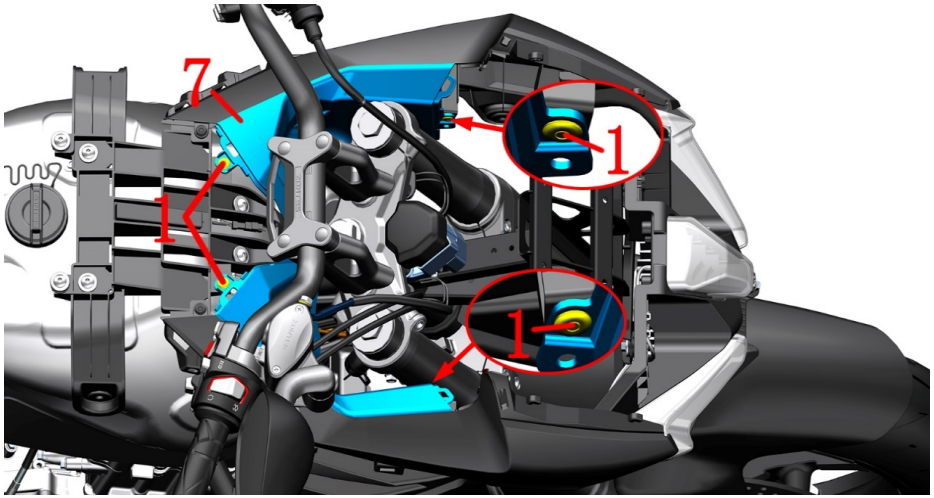


Fig.19 FRONT FORK COMPONENT		Surround interior component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	6	
2	1186400-009000	ZT350 Dual Port Universal USB Charging Cable (A+C)	1	
3	1224200-138000	ZT310-X1 head surrounding front interior	1	
4	1244100-004000	ZT250-S Flanging bushing buffer	1	
5	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	1	
6	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	1	
7	1224200-026000	ZT310-X Head cover rear interior	1	

PROCEDURE:

●Disassembling the front interior component

Surround the front interior component with a small cross screw knife to press down the center of the expansion nails, and remove the two expansion nails.

Find and unplug the connector of the USB charging cable.

Remove the bolts with 8#sleeve and remove the band.

Hold the left surrounding hand in one hand, and siege the left side of the interior to the left side of the back to the back of the body slightly. Similarly, remove the right side. Separate the front surround interior component from the back -encirclement interior component.

Siege the interior component before grasping, remove the USB charging cable, remove the buffer gum.

●Surrounding the interior component

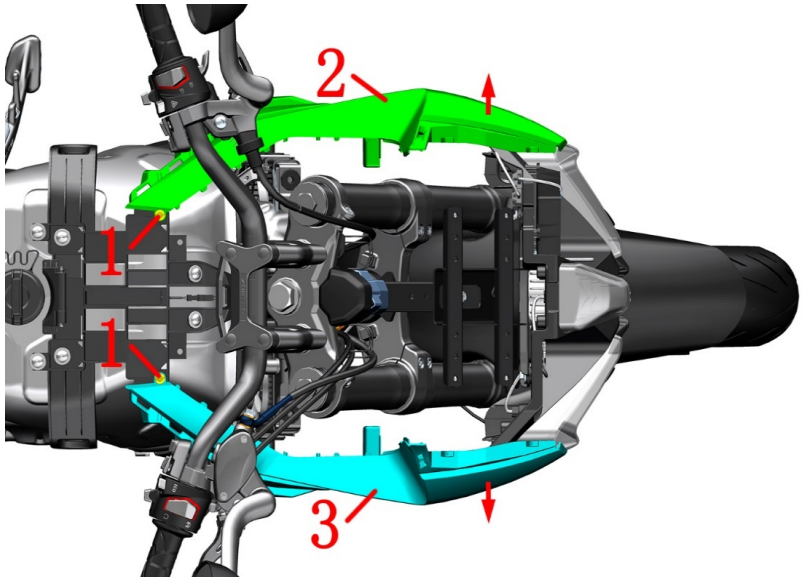
After surrounding the interior component, use a small cross screw knife to press down the center of the expansion nails and remove the five expansion nails.After returning slightly, siege the interior and loosen it.

CAUTION:

●Before disassembling the interior, remove the front surround assembly, fuel tank outer cover, and side cover assembly in advance.

●It is forbidden to pull the cable directly when plugging.

●Pay attention when you open the buckle to prevent the card buckle from broken due to excessive strength.



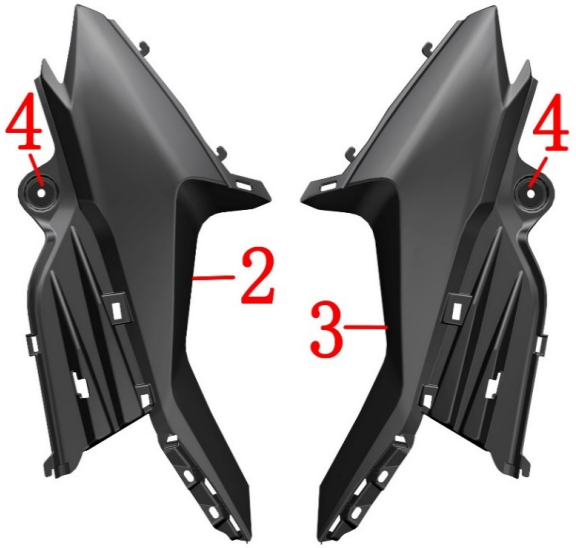


Fig.20 FRONT FORK COMPONENT		Left and right hood components	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	2	
2	1224200-024000	ZT310-X Left headcover	1	
3	1224200-025000	ZT310-X Right headcover	1	
4	1244100-002000	ZT250-S Side cover round rubber	2	

PROCEDURE:

●Disassemble the left -handed component

The left cover component is pressed down in the center of the expansion nail with a small cross screw knife, and the expansion nails are removed.

Grasp your head in one hand, grab the middle of the middle of the arrow, and remove the left component of the hood.

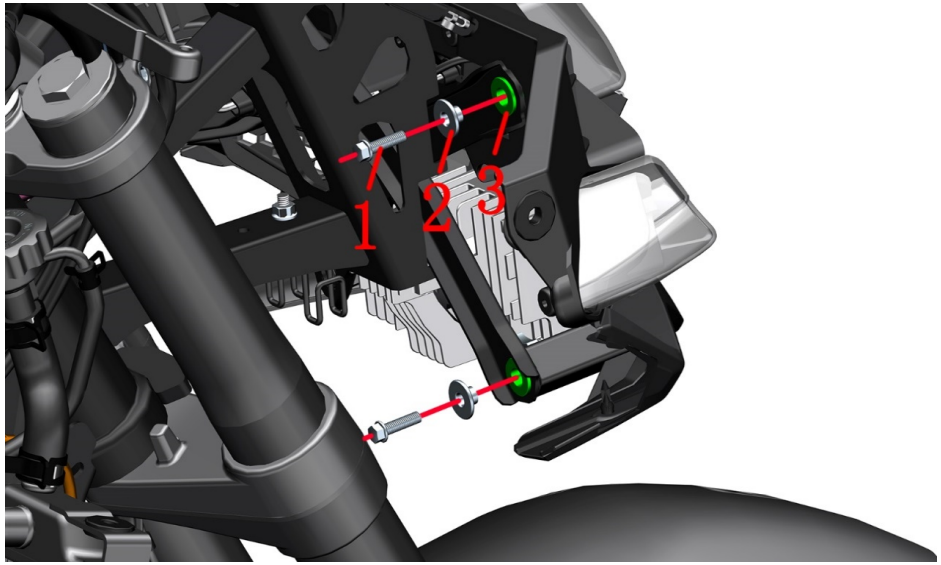
Remove the side cover round rubber (4) from the left part (2) of the head cover.

●Right head cover component

The right hood component removes the right part of the head(3) and the side cover the round glue (4) according to the above steps.

CAUTION:

●Pay attention to the intensity and direction when opening the staple nail to prevent the card fracture from causing the card due to excessive strength.



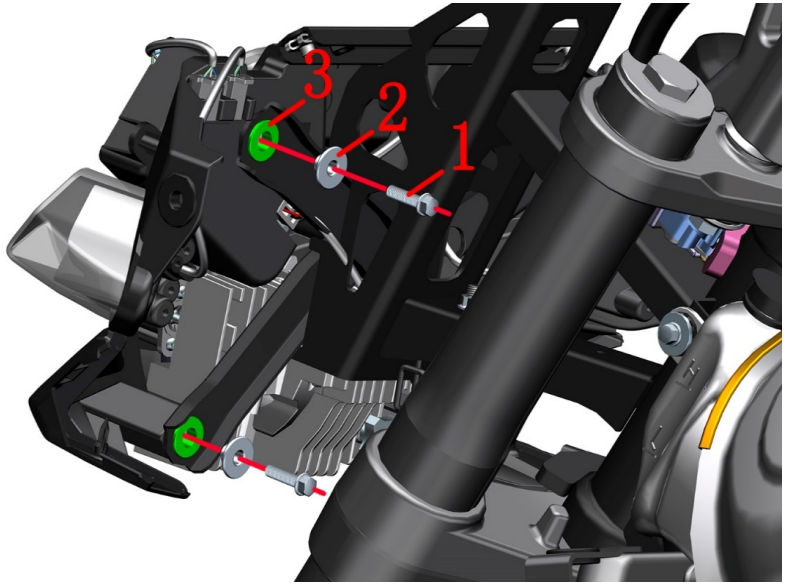


Fig.21 FRONT FORK COMPONENT		Big light component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	4	
2	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	4	
3	1244100-004000	ZT250-S Flanging bushing buffer	4	

PROCEDURE:

●Big light component

The headlight component holds the bottom of the headlight, first remove the two bolts (1) on one side, and then remove the other side.Remove the headlights.

If you only disassemble the headlights, you will not remove the bushing (2) and buffer glue (3) from the frame.

CAUTION:

●During the disassembly process, the lampshade should be protected to prevent scratching.

●Check whether the waterproof rubber ring inside the plug should be omitted and the injection should be checked before re -assembly.

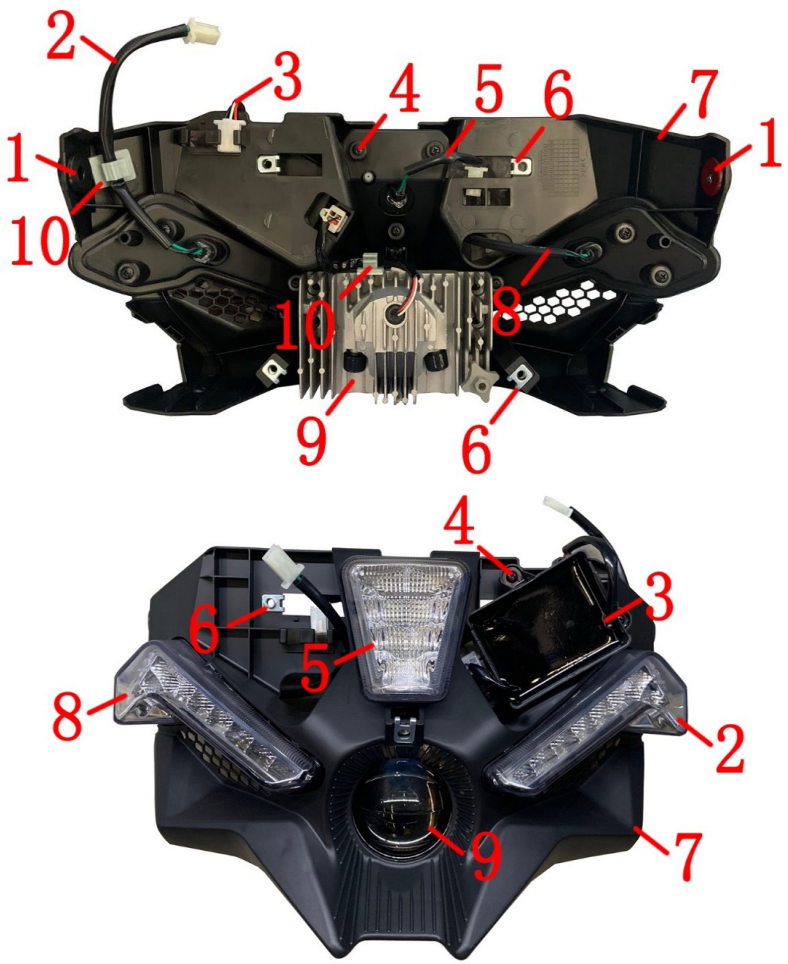


Fig.22 FRONT FORK COMPONENT		Big light component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-002000	ZT250-S Side cover round rubber	2	
2	1174200-015000	ZT310-X Headlamp left daylight	1	
3	1174300-004000	ZT350-X-A1 headlight driver	1	
4	1251200-050094	Non-standard cross tapping screws ST3.9×12	14	
5	1174200-017000	ZT310-X Headlamp position lamp	1	
6	1251300-063093	Plywood M6×11×15(color Zinc)	5	
7	1224300-014000	ZT350-X headlight protective shell	1	
8	1174200-016000	ZT310-X Headlamp right daylight	1	
9	1174300-003000	ZT350-X-A1 headlight	1	
10	1224200-066000	ZT310PKE External antenna mount	2	

PROCEDURE:

●Big light component

The headlight component(7) takes 2 side covering glue(1) and 5 pieces of splints(6) from the headlight protective shell.Open the fixed seat buckle(10) to remove the cable. Use the hot air gun to heat the fixed seat, and remove the double -sided glue of the fixed seat.

●Headlamp parts

The large lights are unplugged by the lamp to connect to the plug.Remove the self -attack screws(4) of the corresponding lamps, remove the left day line lights(2), the headlight driven (3), the headlight position light, the front headlight right daytime light (8), the headlight (9). Place the protective housing (7) after removal.

CAUTION:

●It is forbidden to directly pull the cable.

●During the disassembly process, the lampshade should be protected to prevent scratching.

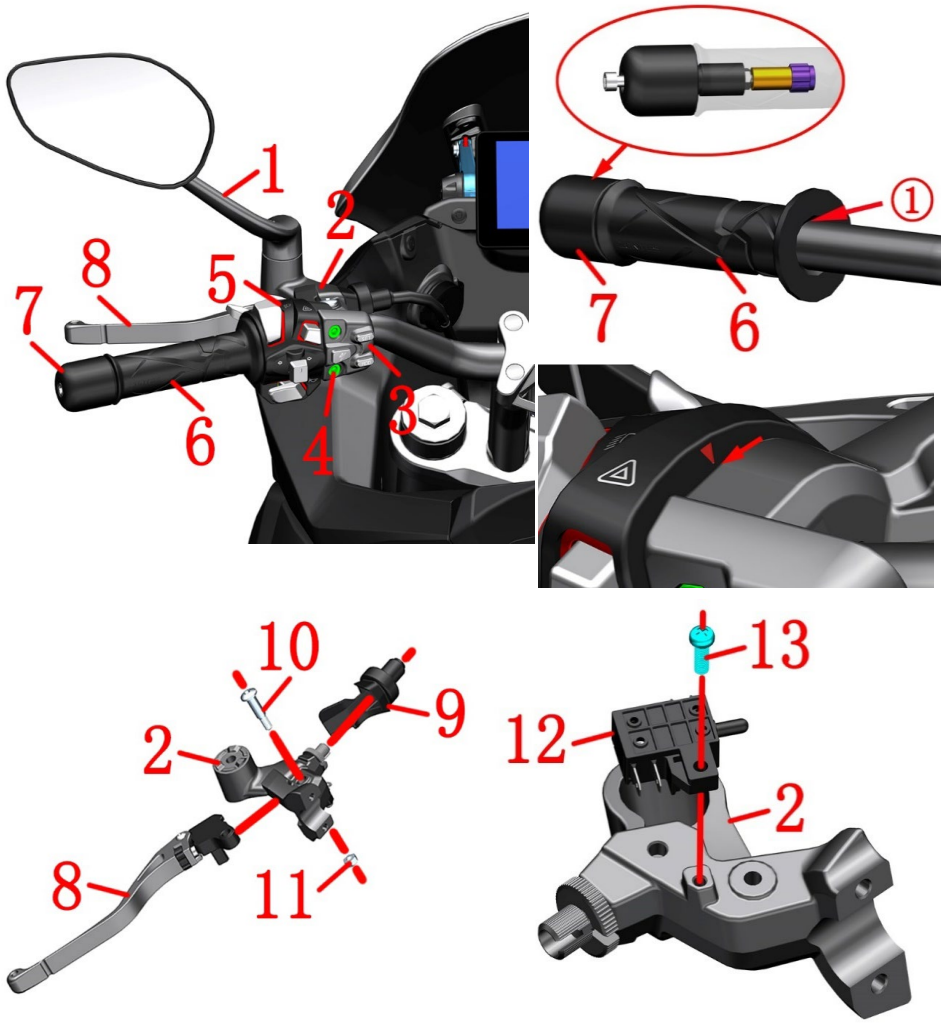


Fig.23 FRONT FORK COMPONENT		Left handle component (old paragraph)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-408051	ZT310-VX left rearview mirror (dark gray)	1	
2		Left hand rocker arm assembly	1	
3	1184200-144000	ZT310-X Second Generation Left Handlebar Switch (TFT)	1	
4	1250205-031091	GB70.1M6×30(stainless steel)	2	
5	1184200-141000	ZT310-X1 Left Handle Switch	1	
6	1244100-041000	ZT250-R left hand rubber sleeve	1	
7	1134300-018000	ZT350-R balance block (aggravated)	1	
8		Left hand rocker arm	1	
9		Clutch cable sheath	1	
10	1251100-198000	Non-standard hexagon socket bolt M6×13-φ8×20	1	
11	1251300-073000	GB/T6185 hexagonal nylon lock nut M6	1	
12	1184200-170000	ZT310-V clutch switch	1	
13	1250201-039000	GB818 cross recessed pan head screw M4×12	1	

PROCEDURE:

●Left mirror,right switch,rocker arm

Left rearview mirror, left switch, rocker arm refer to the "replacement clutch" steps to remove the clutch line.Refer to the steps in the steps of "Right Handlery Components" and "Add Dynamic Lights, Adjust Rochest Arms", respectively, left rearview mirrors(1), rocker arms(2), left sub -switch (3), bolt (4), left switch (5), and rocker arms.

●Left hand handle rubber sleeve and balance weight assembly

The left hand holds the glue sleeve and the balance block assembly with 5#inner hexagon to twist the bolt on the balance block to the state in the figure and out the balance block(7).

Press the dust gun and press the arrow① instruction to blow into the left hand to put the tube between the tube and the direction, and move the left hand to put the rubber cover(6).

●Replace the rocker and clutch switch as follows:

Use 5#Inner hexagonal fixation bolts(10), and then remove the nut(11) salamander with a 10#sleeve or plum blossom wrench, remove the bolts(10), and then remove the left hand to put the rocker arm(8).

First unplug the clutch switch line, then remove the bolt (13) with a cross screw knife, and remove the clutch switch (12).

The rotation adjusts the nut can adjust the glue cover between the rocker and the left hand to adapt to the feel of different drivers.

CAUTION:

●The vehicle should be fixed before operating.

●Disassembly clutch lines are carried out according to the step -clutching steps.

●Press when reassembling: the left hand to put the rubber cover-balance block-switch-left hand rocker arm-left rearview mirror.Pay attention to the triangular symbols of the rocker assembly and the auxiliary switch.

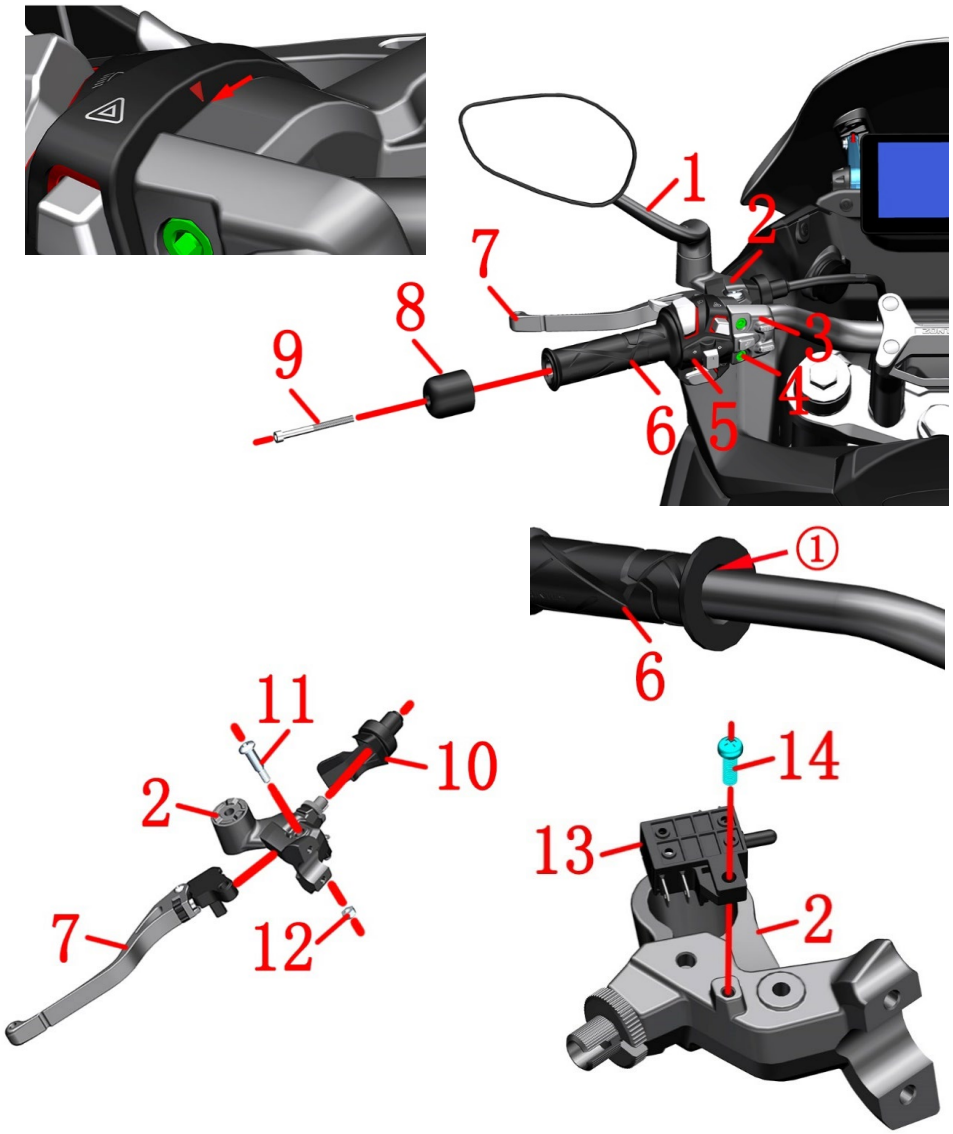


Fig.24 FRONT FORK COMPONENT		Left handle component (new model)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-408051	ZT310-VX left rearview mirror (dark gray)	1	
2		Left hand rocker arm assembly	1	
3	1184200-144000	ZT310－X Second Generation Left Handlebar Switch (TFT)	1	
4	1250205-031091	GB70.1M6×30（stainless steel）	2	
5	1184200-141000	ZT310－X1 Left Handle Switch	1	
6	1244100-041000	ZT250－R left hand rubber sleeve	1	
7		Left hand rocker arm (CNC)	1	
8	1134300-021000	ZT310T-M balance block(Counterweight)	1	
9	1250205-085000	GB70.1M6×70 (stainless steel)	1	
10		Clutch line sheath	1	
11	1251100-198000	Non-standard hexagon socket bolt M6×13-φ8×20	1	
12	1251300-073000	GB/T6185 hexagonal nylon lock nut M6	1	
13	1184200-170000	ZT310-V clutch switch	1	
14	1250201-039000	GB818 cross recessed pan head screw M4×12	1	

PROCEDURE:

●Left mirror,right switch,rocker arm

Left rearview mirror, left switch, rocker arm refer to the "replacement clutch" steps to remove the clutch line.Refer to the steps in the steps of "Right Handlery Components" and "Add Dynamic Lights, Adjust Rochest Arms", respectively, left rearview mirrors, rocker arms, left sub -switch (3), bolt (4), left switch (5), and rocker arms.

●Left hand handle rubber sleeve and balance weight assembly

Put the bolt of bolts in the left hand to remove the glue sleeve and balance block assembly with 5#hexagonal, and take out the balance block (8).

Press the dust gun and press the arrow instruction to blow into the left hand to put the tube between the tube and the direction, and move the left hand to put the rubber cover.

●Replace the rocker and clutch switch as follows:

Use 5#Inner hexagonal fixation bolts, and then remove the nut salamander with a 10#sleeve or plum blossom wrench, remove the bolts, and then remove the left hand to put the rocker arm.

First unplug the clutch switch line, then remove the bolt (14) with a cross screw knife, and remove the clutch switch (13).

The rotation adjusts the nut can adjust the glue cover between the rocker and the left hand to adapt to the feel of different drivers.

CAUTION:

●Press when reassembling: the left hand to put the rubber cover-balance block-switch-left hand rocker arm-left rearview mirror.Pay attention to the triangular symbols of the rocker assembly and the auxiliary switch.

●Disassembly clutch lines are carried out according to the step -clutching steps.

●The vehicle should be fixed before operating.

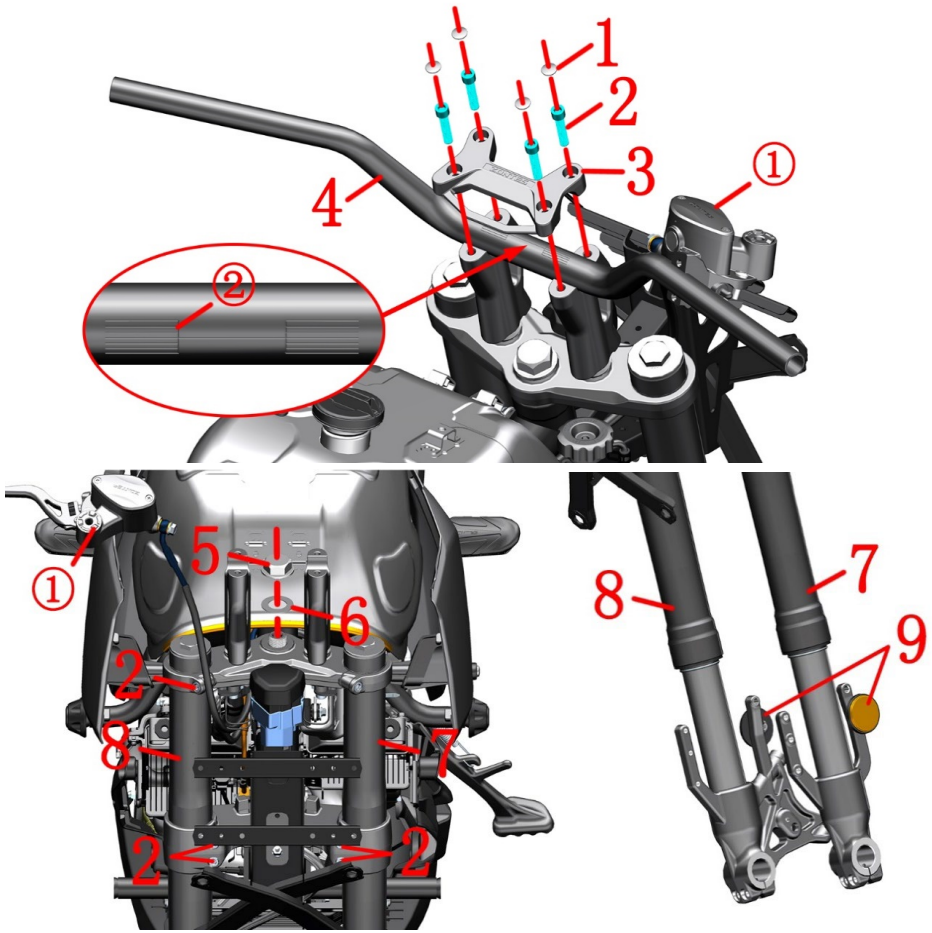


Fig.25 FRONT FORK COMPONENT		handle, upper board, front shock absorption component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4044102-001051	ZT250-S M8 bolt decorative buckle (titanium gold)	4	
2	1250205-034093	GB70.1 Hexagonal Socket M8×30 (color Zinc)	10	
3	1134200-005000	ZT310－R press block of handle bar(home-made)	1	
4		ZT350-R/T direction handle (dark gray matte)	1	
5	1251300-045000	ZT250-S upper plate decorative nut (chrome-plated)	1	
6	1251500-050000	upper connection gasket φ18.5×φ39×1 (chroming)	1	
7		ZT350-V/R front Left Shock Absorber	1	
8		ZT350-V/R front right shock absorber	1	
9	1174300-013000	Reflection light(KM-106)	2	

PROCEDURE:

●Direction handle assembly

Use a blade to pry up the decorative buckle (1), hold the direction handle (4) with one hand, and remove the bolt (2) with a 6# hexagon socket tool with the other hand; remove the pressure block (3), and finally remove the direction handle (4).

●Uplink board assembly

Refer to the "hub clip" to find the faucet lock plug and unplug it; remove the nut (5) and the washer (6). Remove the upper connecting plate bolts (2).

●Front left and right shock absorption

Remove the bolts (2) on the lower connecting plate respectively, hold the middle part of the shock absorber with one hand, and insert a flat-blade screwdriver into the slots of the upper and lower connecting plates to slightly expand the slot gap, and remove the left shock absorber (7) and the right shock absorber (8) respectively.

Remove the upper link plate assembly.

●Reflector

The reflector (9) is for after-sale replacement of the spare parts (the shock absorber is not replaced). Rotate the reflector (9) counterclockwise to remove the reflector.

CAUTION:

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

●The main pump of front disc brake ① should always be kept at a high position during the disassembly process.

●Use a flat-blade screwdriver to expand the slotting gap between the upper and lower connecting plates without applying excessive force to avoid damage.

●When dismantling the shock absorber, it should move towards the axis, do not rotate or swing to prevent the surface from being scratched.

●The scale ② on the direction handle coincides with the edge of the pressing block, and attention should be paid to centering and aligning the scale when assembling.

●For the disassembly of the lower link plate assembly, please refer to the previous "Steering Adjustment", which will not be repeated here.

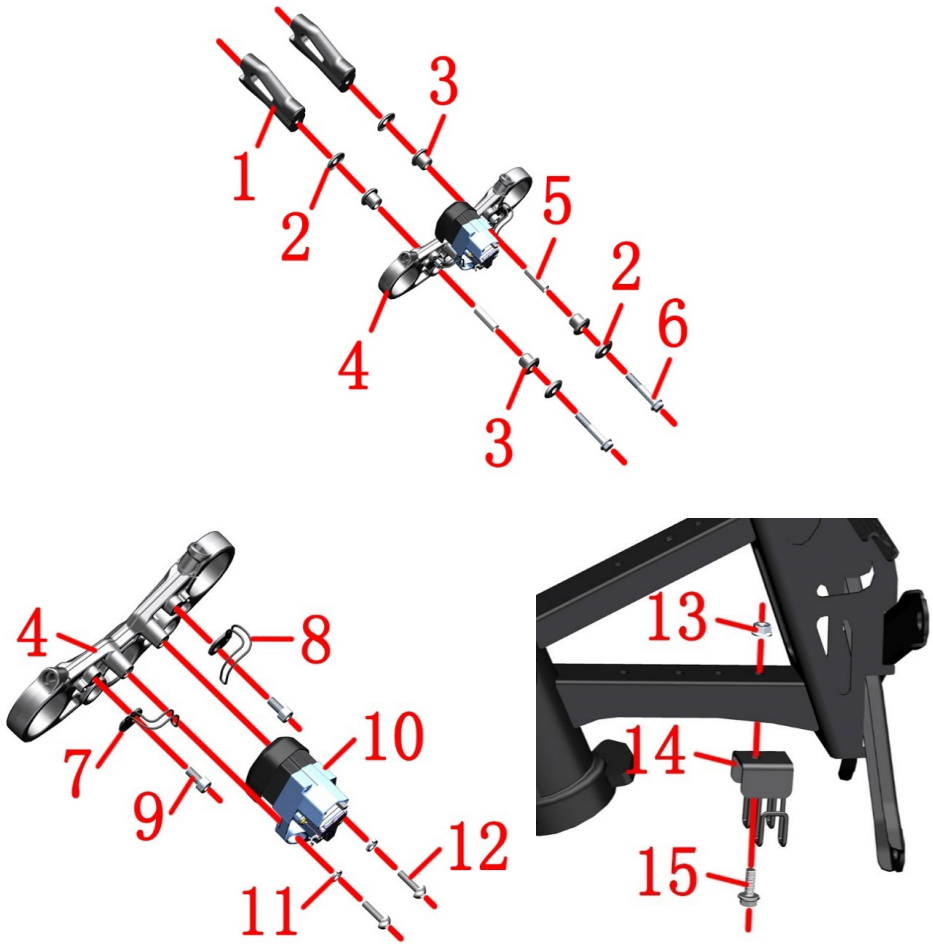


Fig.26 FRONT FORK COMPONENT		Shanglian board, direction of the pad component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4094200-007051	ZT310-X direction handlebar pad M10×1.2	2	
2	1274200-018000	ZT310－R gasket of upper connecting board	4	
3	1244200-008000	ZT310-R buffer rubber of upper connecting board	4	
4	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	1274200-106000	ZT310-T right wiring bracket	1	
8	1274200-105000	ZT310-T left wiring bracket	1	
9	1250205-034093	GB70.1 Hexagonal Socket M8×30 (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	1251100-364000	Non-standard bolt M6×25 (environmental color/10.9 grade)	2	
13	1250303-010093	GB6177.1M6 (environmental color)	1	
14	1274200-179000	ZT310-X1 wiring bracket	1	
15	1250105-137093	GB5789M6×16 (environmental color)	1	

PROCEDURE:

●Disassembling pad component

Use 14#sleeve to remove the nut (6) with 14#sleeves, remove the pad, buffer glue CD, and the band.

●Shanglian board, faucet lock, wiring bracket

The upper board, faucet lock, and wiring bracket remove the bolt (9) with 6#inner hexagonal, and remove the bracket (7) and bracket (8).

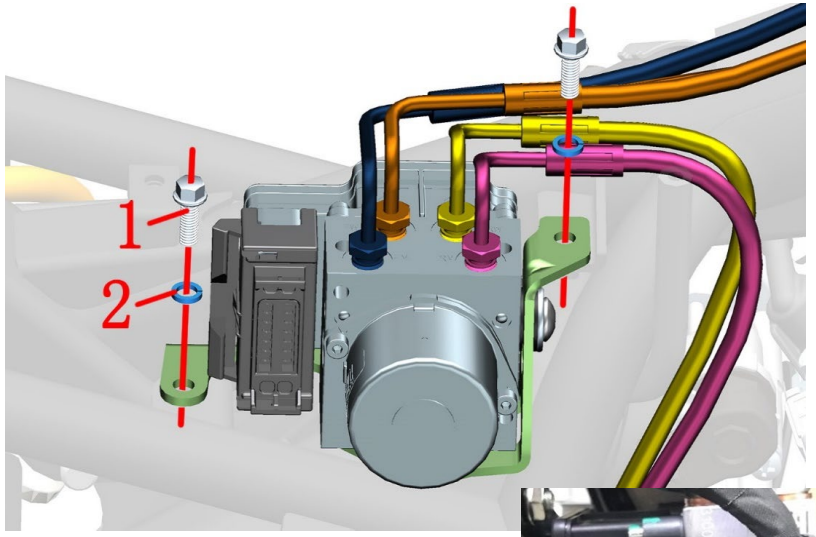
Remove the bolts(12) with 6#inner hexagonal and remove the pads(11) and faucet locks(10).Remove the upper board(4).

Use the 10#plum blossom wrench to fix the nut (1), remove the bolt (3) with a 10#sleeve with one hand, and remove the wiring bracket(2).

CAUTION:

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

●When re -assembling, you need to use the direction to ensure the center axis of the center and direction of the pads on both sides. First assemble the 4 buffer glue to the upper plate, and then put them into the band separately. It is necessary to ensure that the band and the buffer are flat, otherwise the assembly should be re -assembled.When locking bolts, you need to ensure that the torque is 50N · m.Check whether the buffer glue is overflowed, if there is any, you need to re -assemble.



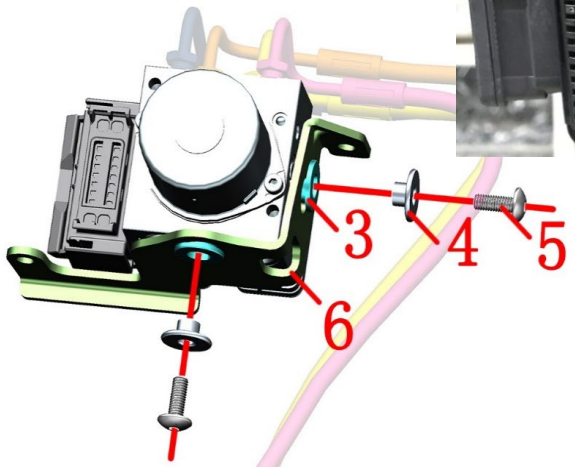


Fig.27 FRONT FORK COMPONENT		ABS brake system A-1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
2	1250501-010000	GB93φ6 spring pad	2	
3	1244100-004000	ZT250－S Flanging bushing buffer	2	
4	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	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.

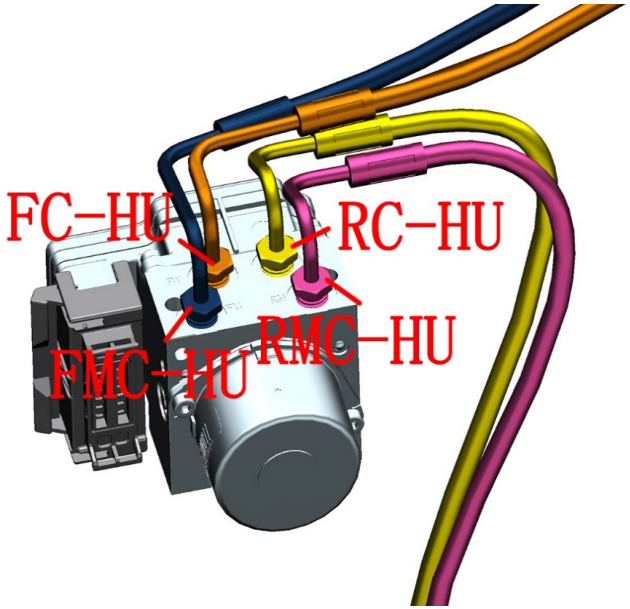
Using 4# inner hexagon socket remove 2 bolts (5) at the bracket, remove the hydraulic control unit bracket (6).

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.



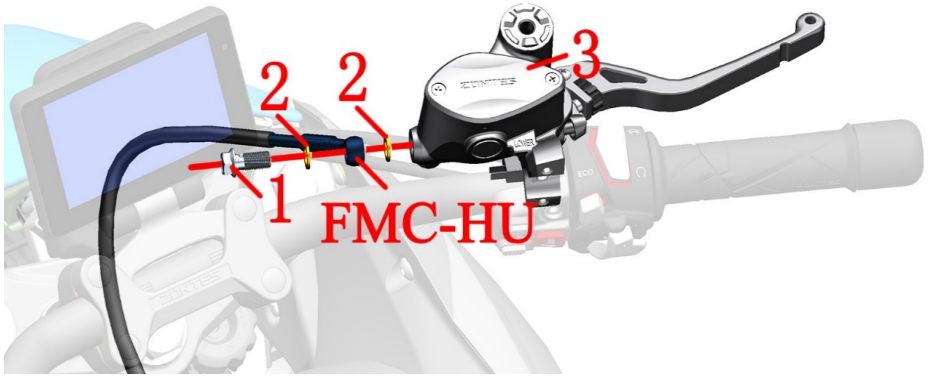


Fig.28 FRONT FORK COMPONENT		ABS brake system A-2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-112000	Disc brake pipe bolt M10×1－22	1	
2	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
3	1100100-831000	ZT350-GK front disc brake main pump assembly (φ14)	1	

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

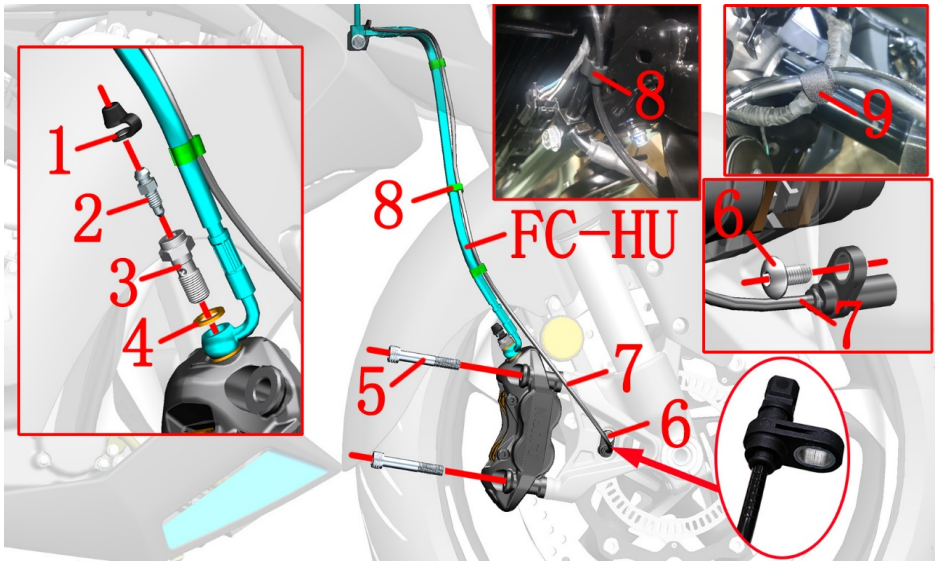
The oil pipe, front disc brake main pump, rocker arm assembly and disassembly refer to the previous steps in "Adding brake fluid and rocker arm adjustment".

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.



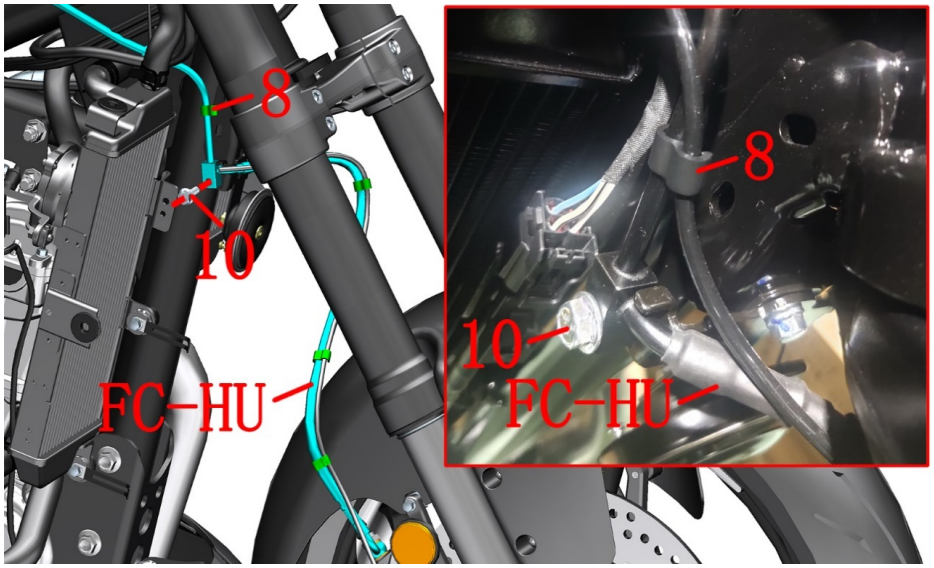


Fig.29 FRONT FORK COMPONENT		ABS brake system A-3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-019000	Caliper exhaust screw rubber cap	1	
2	1251100-308000	Disc brake exhaust screw M6	1	
3	1251100-307000	Disc brake oil pipe bolts M10×1×22 (with exhaust threaded holes)	1	
4	1251513-013000	Disc 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	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
7	1181200-118000	Wheel speed sensor（A）	1	
8	1224100-044000	Wheel speed sensor clamp	4	
9	1224300-093000	Reverse buckle Velcro strap (20×150mm)	1	
10	1250105-138093	GB5789M6×20 (environmental color)	1	

PROCEDURE:

●Drain brake fluid

Place the oil pan under the front disc brake caliper.

First open the screw rubber cap (1), wear waterproof gloves, remove the bolt (2) with an 8# Torx wrench, remove the bolt (3) with a 14# Torx wrench, and remove the copper washer (4).

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

First take out the wheel speed sensor (7) from the cable clip (8), untie the Velcro strap (9), then remove the bolt (6) with a 4# hexagon socket, and remove the wheel speed sensor (7) from the front disc brake caliper. Arrange the wheel speed sensor wires neatly.

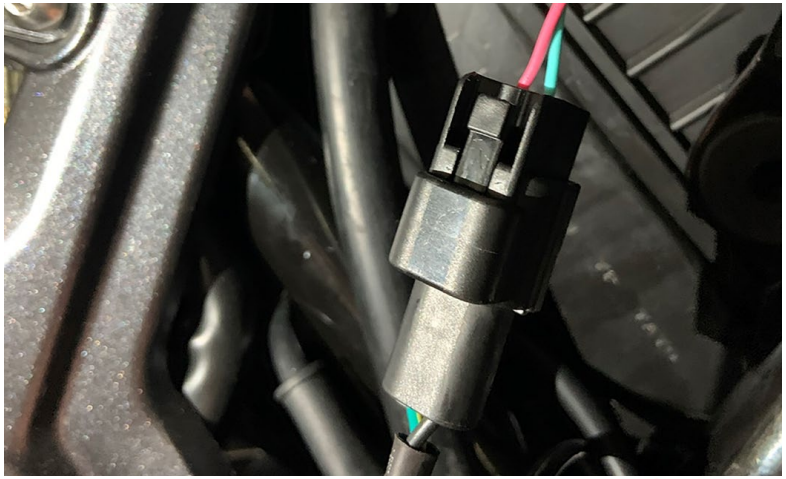
Use an 8# sleeve to remove the bolt (10). Then remove the FC-HU tubing.

CAUTION:

●Be sure to wait for the muffler and engine to cool down completely before disassembling. The horizontal support of the vehicle should be fixed before disassembly and assembly.

●For the relevant precautions of brake fluid, please refer to the previous description.

●When replacing the oil pipe, it is recommended to replace two copper washers (4) at the same time, and the bolt 3 can not be replaced if there is no damage.



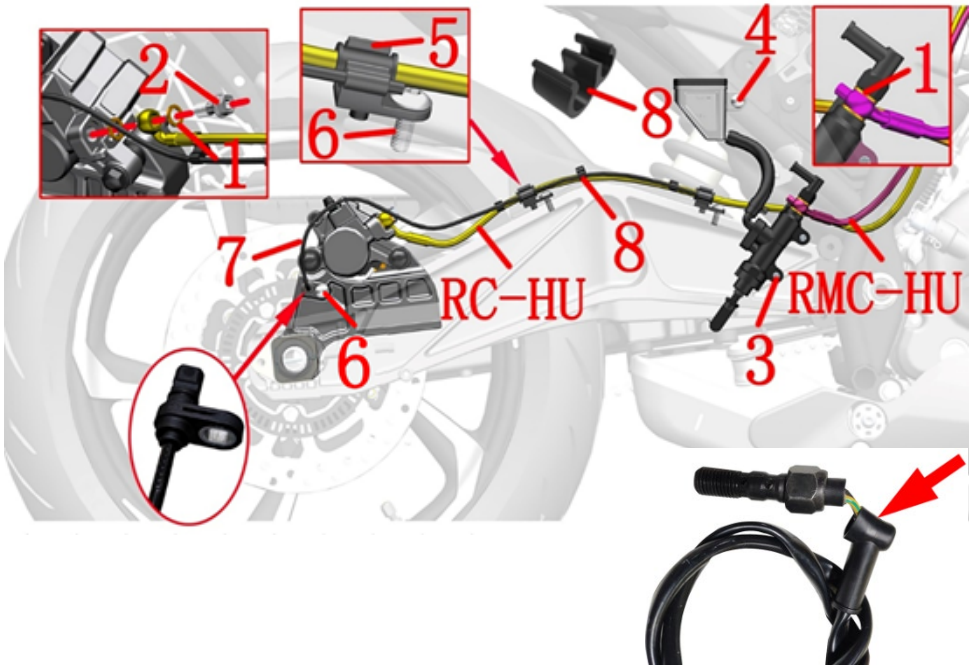


Fig.30 FRONT FORK COMPONENT		Double Rock Ace ABS Brake System A-4	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	4	
2	1251100-112000	Disc brake pipe bolt M10×1－22	1	
3	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
4	1251100-101000	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	3	

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

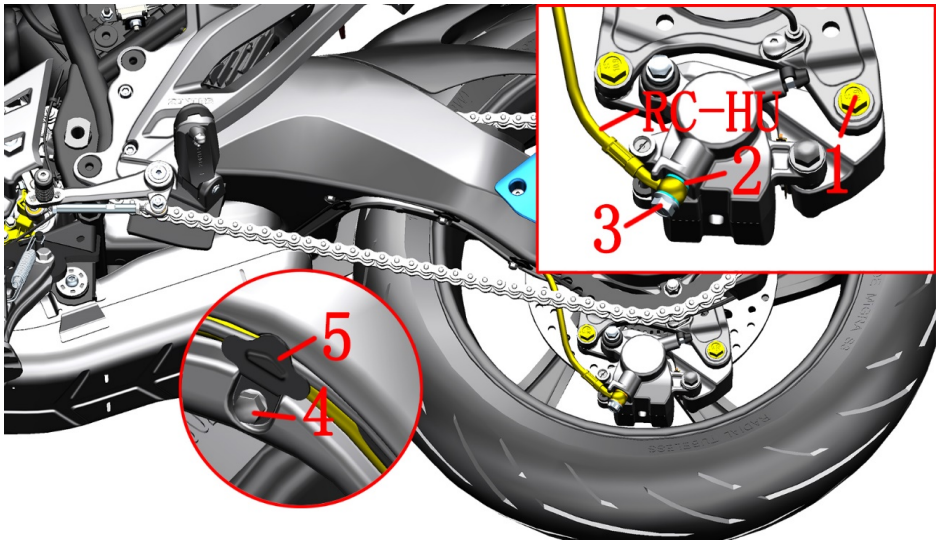
Place the oil pan under the rear disc brake caliper.

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.



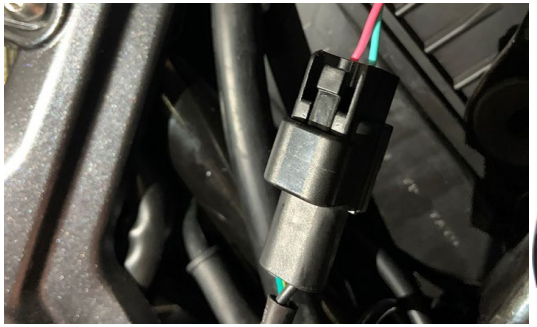


Fig.31 FRONT FORK COMPONENT		Single rocker ABS brake system A-4	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-123093	non-standard bolt M8×25 (color zinc)	2	
2	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
3	1251100-112000	Disc brake pipe bolt M10×1－22	1	
4	1250104-006097	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.

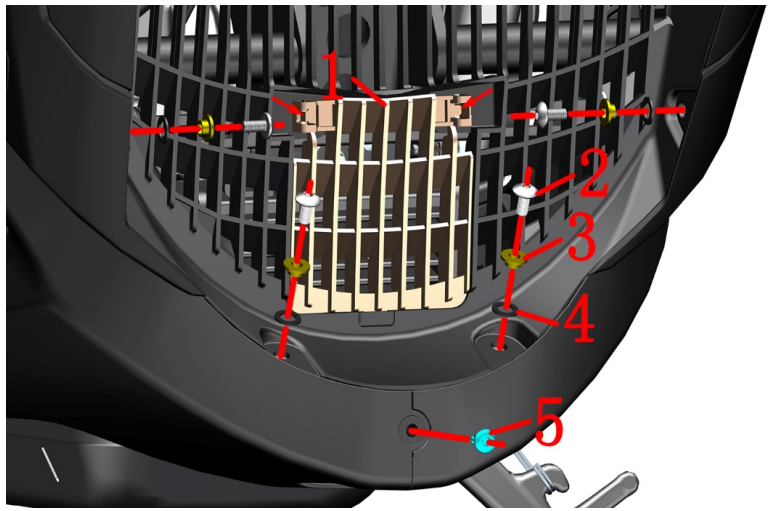
CAUTION:

●For the relevant precautions of the brake fluid, please refer to the previous description.

●When replacing the oil pipe, rear brake switch line or disc brake main pump, it is recommended to replace the copper pads at the same time.

●The rear brake switch is prohibited from the rubber hat at the instructions of the rotation arrow. Replace this switching line. Be careful not to let the cable entangle on the tool.

●Be sure to remove the muffler and the engine before disassembling. The vehicle level should be fixed and then disassembled.



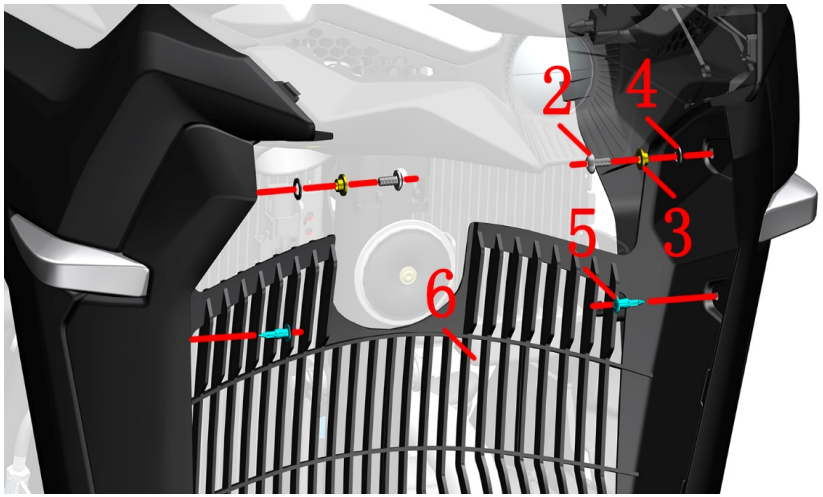


Fig.1 WRAPAROUND COMPONENTS		Siege in central components	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-048000	ZT310-X middle cover of big plastic cover	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	6	
3	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
4	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
5	1224100-010000	ZT250-S swell nail	3	
6	1224300-073000	ZT350-X surrounds the middle	1	

PROCEDURE:

●Surrounding the middle cover

Press the buckle inwards in the direction of the arrow and then remove the cover plate (1).

●Bounding components

Use a small Phillips screwdriver to press down the center of the expansion nail, and remove the three expansion nails (5).

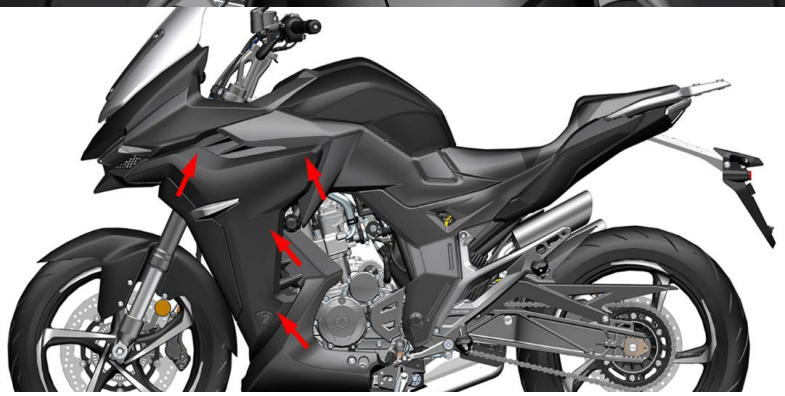
Remove 6 bolts (2) respectively, and remove the bushing (3) and buffer rubber (4).

Pull the left and right enclosure components outwards slightly in the direction of the arrow, and remove the center part of the enclosure (6).

CAUTION:

●The vehicle should be fixed before operation.

●Be careful when disassembling to prevent damage to parts.



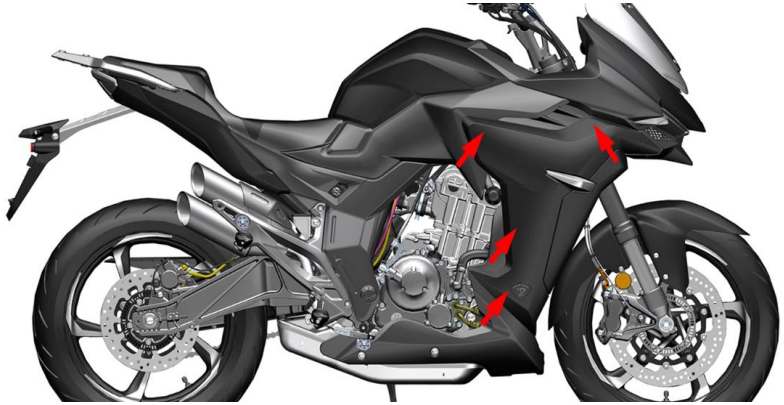


Fig.2 WRAPAROUND COMPONENTS		Siege panel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	2	

PROCEDURE:

●Disassembling encirclement panel component

Use a small cross screw knife to press down the center of the expansion nail with a small cross screw knife, and remove the two expansion nails.

● left surround panel components

The left encirclement panel component is pulled out of 4 from the bottom to the arrow.

●Right surround panel components

The right encirclement panel component indicates from the bottom to the arrow to indicate 4 to pull out the outside. Pull the right surround panel component and pull out the right turn to the cable connection.

CAUTION:

●The vehicle should be fixed before operating.

●Pay attention to prevent damage parts when disassembling.

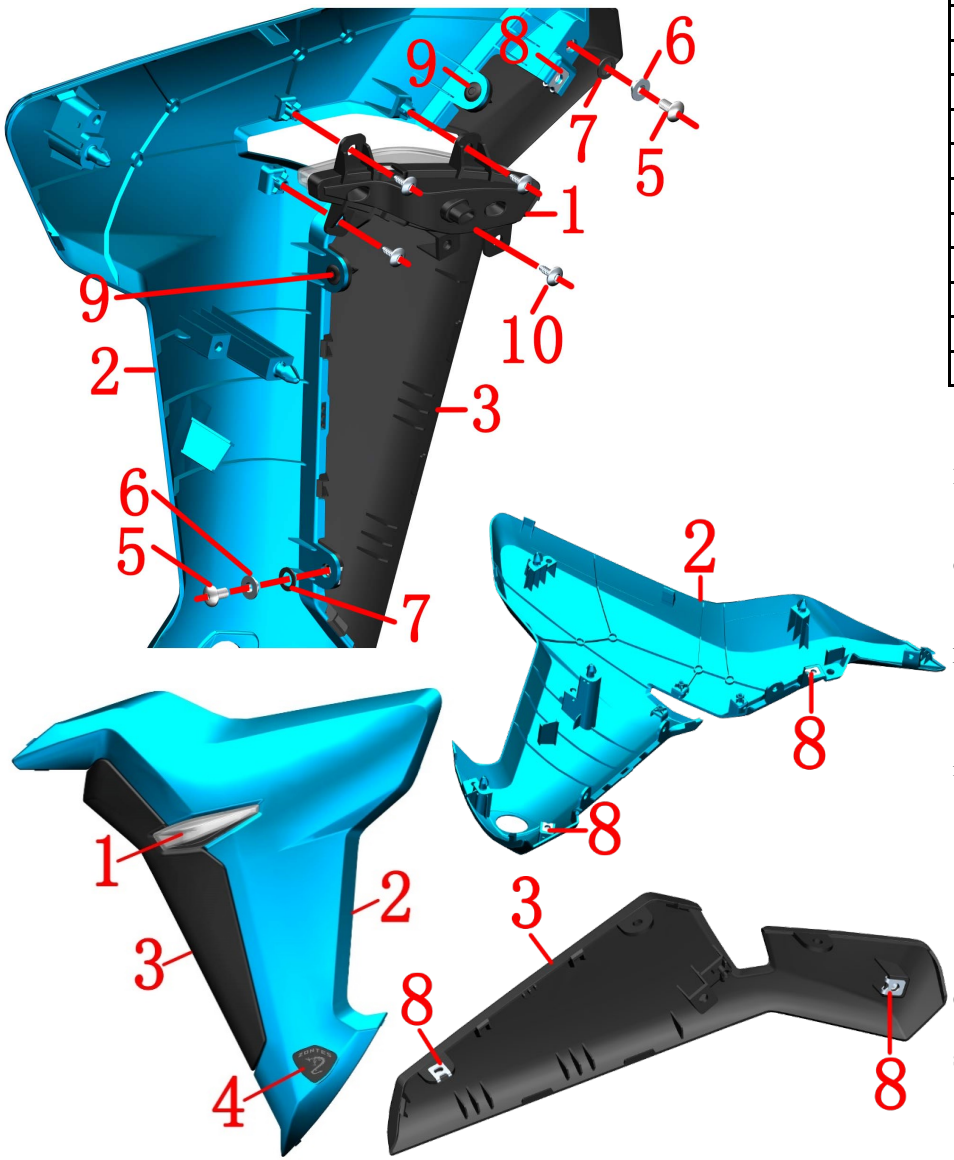


Fig.3 WRAPAROUND COMPONENTS		Left surround panel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-009000	ZT310-X Front left turning light	1	
2		ZT350-X surrounds the left panel	1	
3	1224200-034000	ZT310-X left decorative board of big plastic cover	1	
4	1210201-393000	ZT310-X label of left panel of big plastic cover	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
8	1251300-063093	Plywood M6×11×15(color Zinc)	4	
9	1224100-010000	ZT250-S swell nail	2	
10	1251200-033093	Non-standard self-Tapping bolt ST4.2×12	4	

PROCEDURE:

●Disassemble the left siege panel sign

The signs of the left surround panel are pushed out of the signs from the back of the left surrounding panel component to clean the remaining stagnation.

●The left turn light component

Remove 4 self -attack screws in the left turn light component, and turn the left turn lights. Remove it from the panel component.

●The left panel component

Remove 2 bolts of the left panel component and remove the band (6) (6) (7).

Use a small cross screw knife to press down the center of the expansion nail and remove the two expansion nails.

Separate the left surround panel component from the left decorative panel component.

Take 2 plywood (8) from the left surrounding panel.

Take 2 plywood (8) from the left surrounding decorative board.

CAUTION:

●Pay attention to prevent damage parts when disassembling. Protective measures are required to prevent scratches.

●When removing from the left surround panel component to the light, pull the cable.

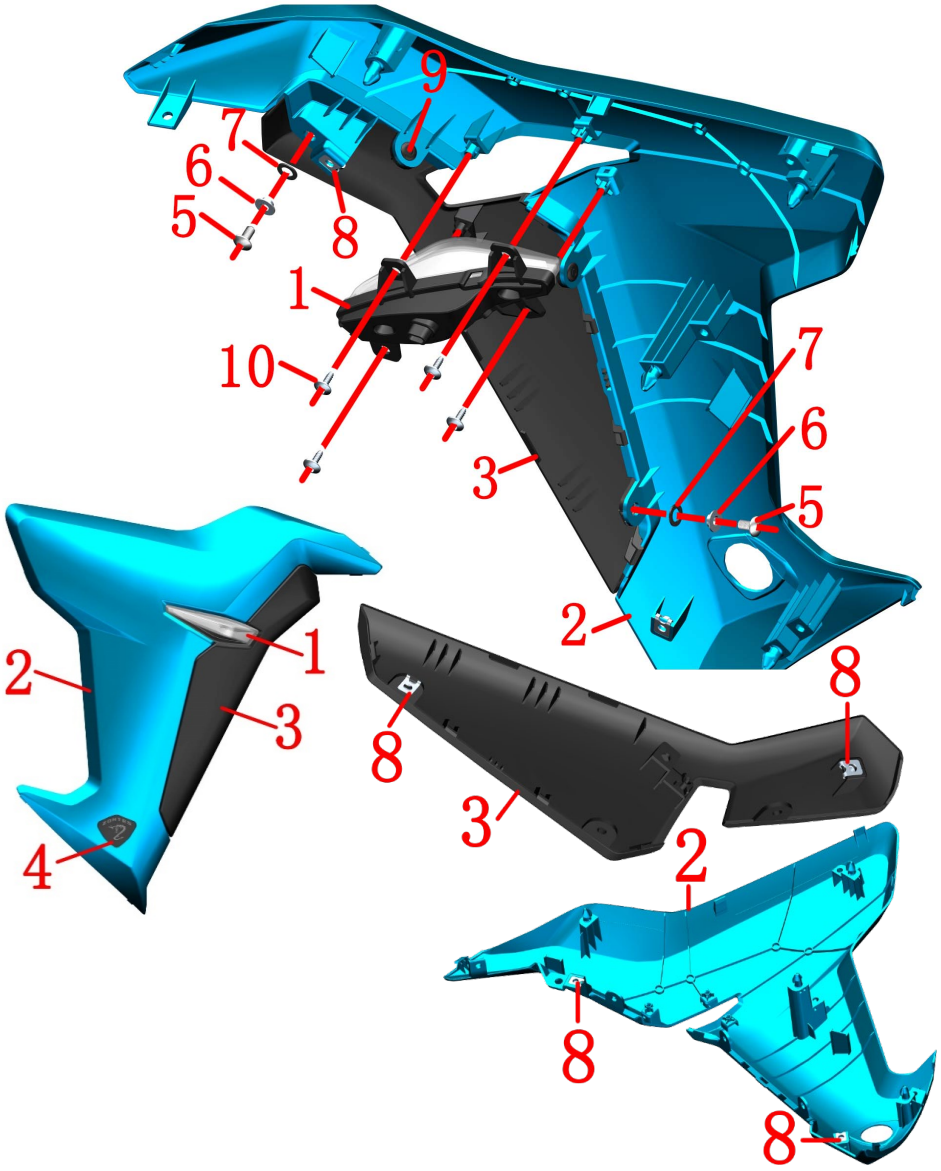


Fig.4 WRAPAROUND COMPONENTS		Right surround panel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-010000	ZT310-X Front right turning light	1	
2		ZT350-X surrounds the right panel	1	
3	1224200-035000	ZT310-X right decorative board of big plastic cover	1	
4	1210201-394000	ZT310-X label of right panel of big plastic cover	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
8	1251300-063093	Plywood M6×11×15(color Zinc)	4	
9	1224100-010000	ZT250-S swell nail	2	
10	1251200-033093	Non-standard self-Tapping bolt ST4.2×12	4	

PROCEDURE:

●Disassemble the right siege panel sign

Right surround panel signs push the sign from the back of the right surround panel component, and clean up the remnant rubber print.

●Right turn signal component

Remove 4 self -attack screws in the right steering light component, and remove the right turning light. From the panel component.

●Right panel component

Remove 2 bolts of the right panel component, and remove the band (6) (6) (7).

Use a small cross screw knife to press down the center of the expansion nail , and remove the two expansion nails.

Separate the right surround panel component from the right decorative panel component.

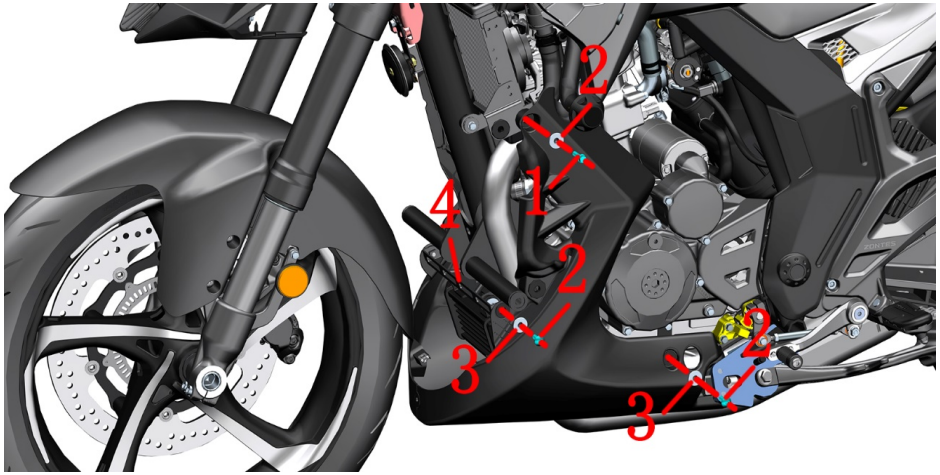
Take 2 plywood (8) from the right surrounding panel.

Take 2 plywood (8) from the right surrounding decorative board.

CAUTION:

●Pay attention to prevent damage parts when disassembling. Protective measures are required to prevent scratches.

●When removing from the right surround panel component to the light, pull the cable.



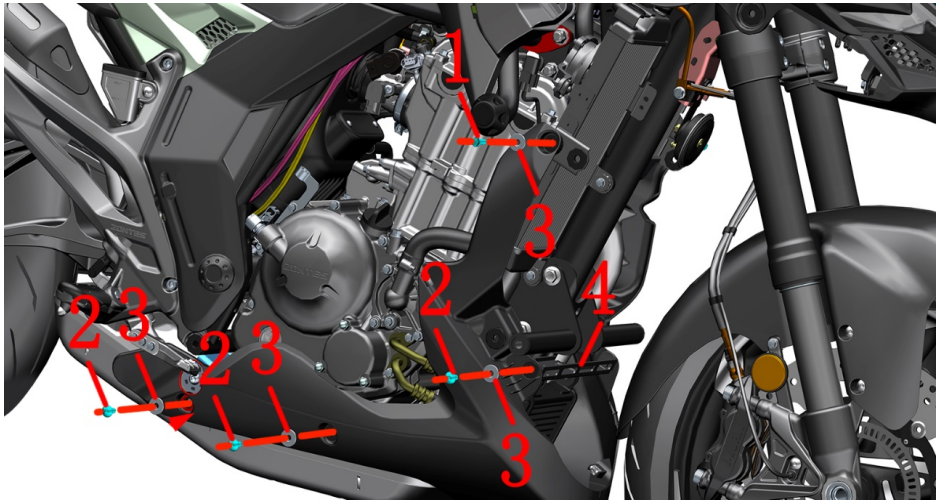


Fig.5 WRAPAROUND COMPONENTS		Under -guided streaming component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	7	
3	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	7	
4	1274300-029000	ZT350-X lower shroud bracket	1	

PROCEDURE:

●Lower left shroud assembly

Remove the bolt of the lower left drainage cover component and remove the band.

Keep the bottom of the lower side of the underwriting component with one hand and remove the two bolts on the left side with one hand, and remove the band.

●Lower right shroud assembly

The bottom right -right streaming component continues to hold the bottom of the underwritten hood component to remove the bolt at the bottom of the bottom, and remove the bolt.

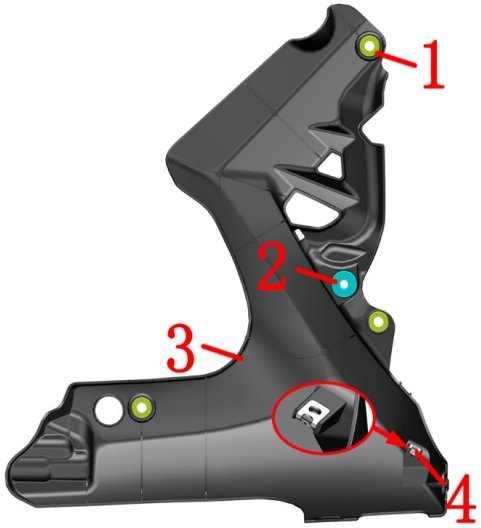
Remove the 3 bolts on the right and remove the band.Remove the bracket (4).

●Lower shroud assembly

The underwritten hood component grabs the left and right undercover hoods along the middle of the bottom ① to separate the sides and remove them.

CAUTION:

●Pay attention to prevent damage parts when disassembling.



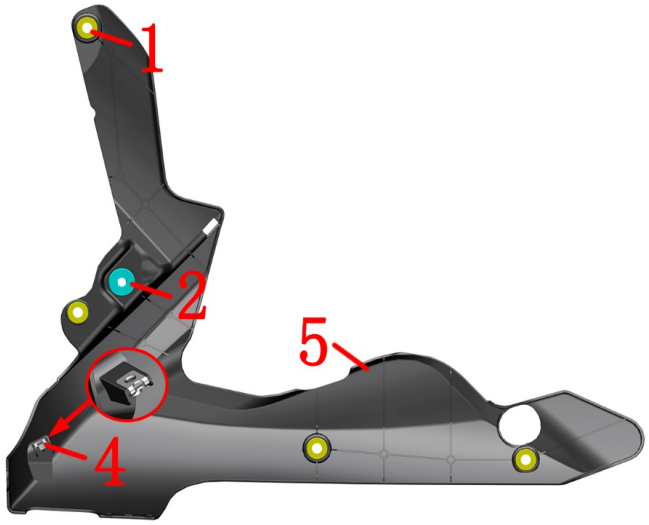


Fig.6 WRAPAROUND COMPONENTS		Under -guidance stream component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-004000	ZT250-S Flanging bushing buffer	7	
2	1244100-002000	ZT250-S Side cover round rubber	2	
3	1224300-011000	ZT350-X lower shroud left	1	
4	1251300-063093	Plywood M6×11×15(color Zinc)	2	
5	1224300-010000	Right part of ZT350-X lower shroud	1	

PROCEDURE:

●Left lower shroud assembly

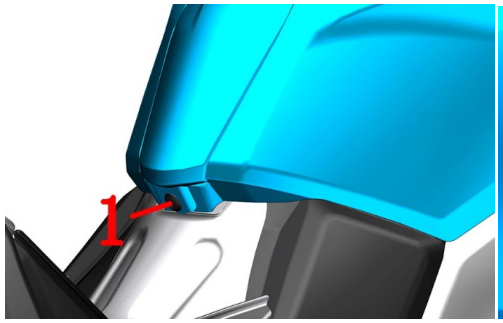
Remove the buffer rubber (1), the side cover round rubber (2) and the splint (4) from the lower left air shroud (3).

●Right lower shroud assembly

Remove the buffer rubber (1), the side cover round rubber (2) and the splint (4) from the lower right air shroud (5).

CAUTION:

●Be careful when disassembling to prevent damage to parts.



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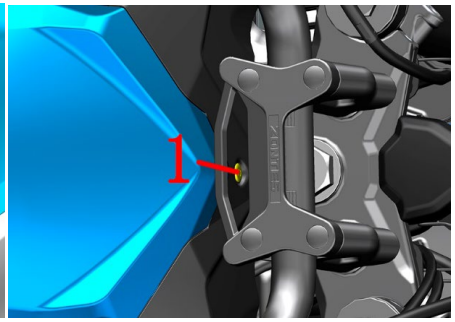

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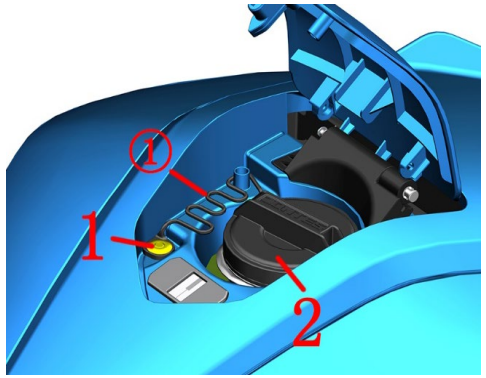

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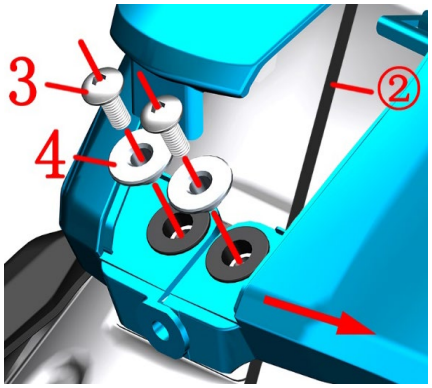
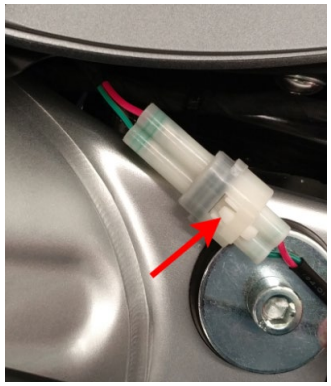


D



E

Fig.1 FUEL TANK HOUSING ASSEMBLY		Cover component in the fuel tank	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	2	
2	1224100-033000	ZT250-S thread cap of the fuel tank	1	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
4	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	

PROCEDURE:

●Oil tank middle cover assembly

The mid -cover component press the "Seat" button to open the cushion and remove the cushion.Use a small cross screw knife to press down the center of the expansion nails, and remove the expansion nails of the back of the middle cover (Figure A) and the front (Figure B).

Press the "Fuel" button to open the outer cover of the fuel tank.The expansion nail in the fuel tank (Figure C) is removed and removed the fuel tank cover.Be careful not to pull nylon ropes ① during the disassembly process. Then pull the middle cover component from the rear to gradually pull out the buckle. At this time, the lock - locking of the fuel tank has not been removed.

Lifting the middle cover component in one hand, remove the bolt) with one hand, and remove the band (shown in Figure D).

Pull the right fuel tank decorative cover out, and remove the fuel tank lock cable ② from the right fuel tank decorative cover and the bile gap in the fuel tank.

Find the fuel tank lock cable plug (FigureE) and pull it off in the rear of the bile in the right cover and the fuel tank, and then remove the middle cover component.Put the fuel tank cover to prevent the fuel volatilization and the foreign body from falling into the fuel tank.

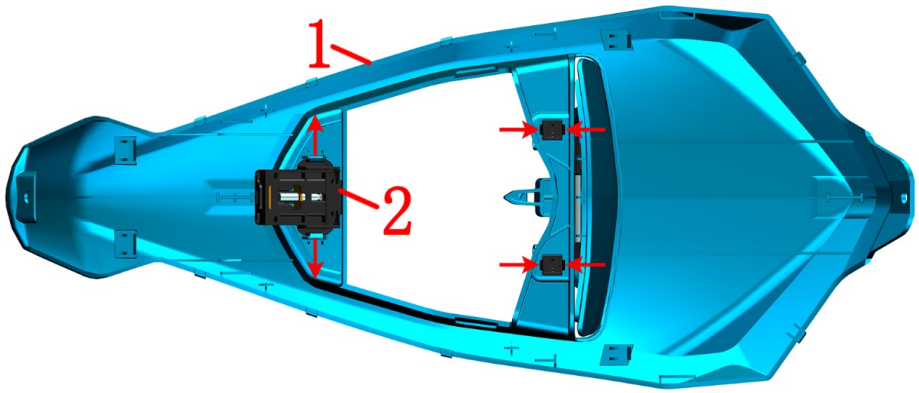
CAUTION:

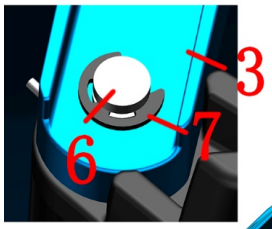
●During the disassembly process, the material should be protected to prevent damage to the paint surface.

●Pay attention to the intensity and direction when removing the buckle to prevent damage to the buckle.

●Pay attention to check whether the cable is directly pressed or interfered by other parts to prevent short circuit caused by grinding the skin.

●Near the parking lot, fireworks, answering or calling to prevent accidents should be prohibited.





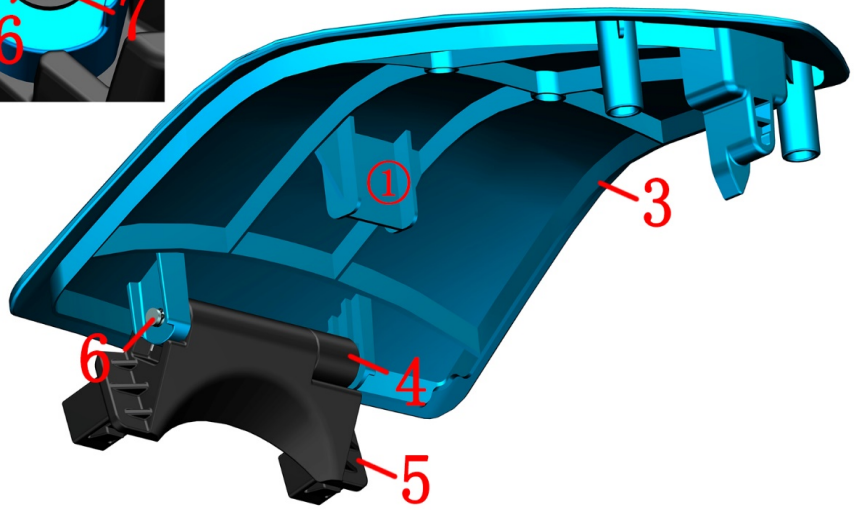


Fig.2 FUEL TANK HOUSING ASSEMBLY		Found cover, fuel tank cover, fuel tank lock	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT350-X Fuel Tank middle Cover	1	
2	1184200-002000	ZT310 electronic fuel tank lock	1	
3		ZT350-X Fuel Tank outer Cover	1	
4	1224100-014000	ZT250-S tank cover spinning damping	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	【1】

PROCEDURE:

●Locking of the fuel tank

The fuel tank lock is carefully pry open the buckle at both ends of the middle cover with a word screwdriver, remove the fuel tank lock, and pay attention to prevent damage to the buckle.

●The outer cover of the fuel tank

The outer lid components of the fuel tank are clamped with a pointed mouth pliers to clamp the buckle of the rotating bracket.

Remove the rotor springs on the rotating shaft, this deck is the rotating bracket. Remove the rotation axis, separate the rotating bracket (5), and the damping device.

CAUTION:

●During the disassembly process, the material should be protected to prevent damage to the paint surface.

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

●Be careful not to lose your own spring when disassembling rotation brackets.

●If you replace the new outer cover, you need to pay attention to whether the process on the outer cover ① whether the length is too long, if it is too long, you must cut it short.

●[1] The rotating bracket of the outer cover of the fuel tank has contained the scallion;

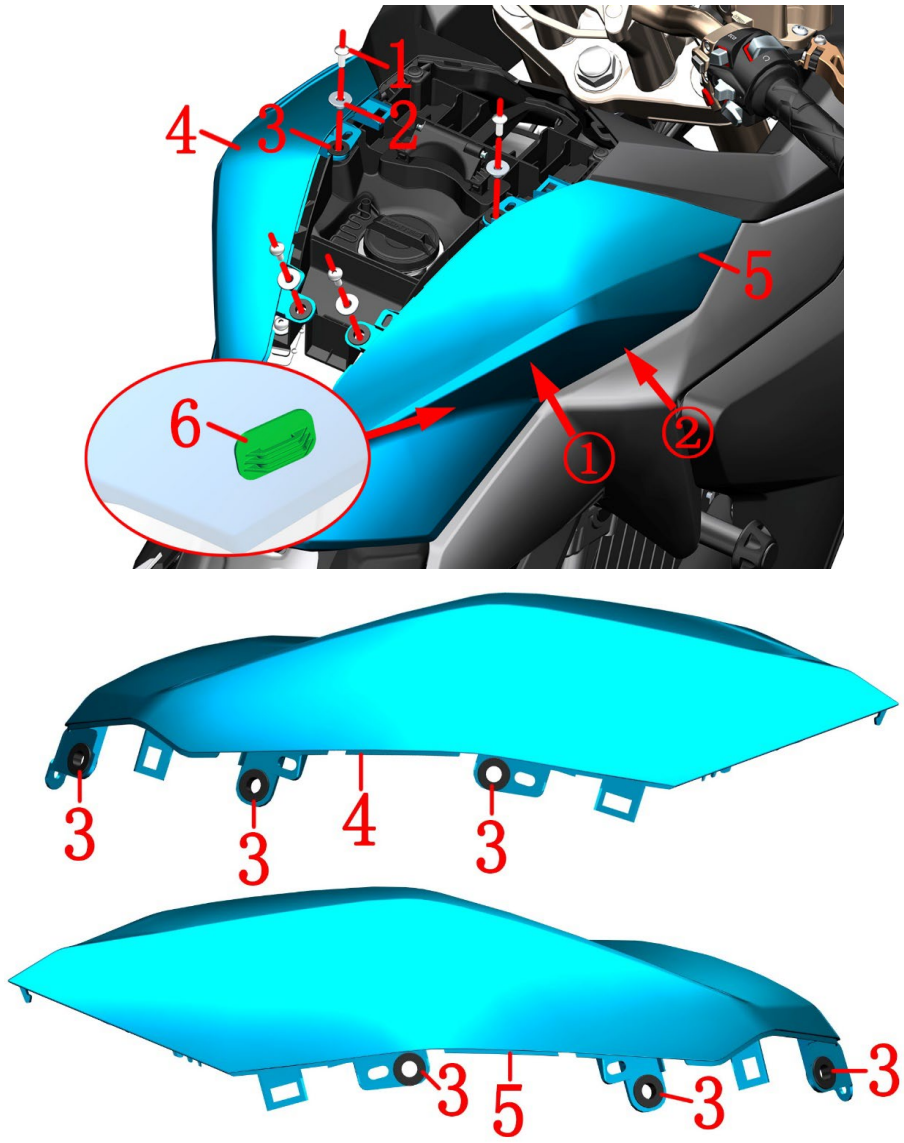


Fig.3 FUEL TANK HOUSING ASSEMBLY		Oil tank decorative cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	4	
3	1244100-004000	ZT250-S Flanging bushing buffer	6	
4		ZT310-X fuel tank left	1	
5		ZT310-X fuel tank right	1	
6	1244200-084000	ZT310-X1 fuel tank cover limit glue	2	

PROCEDURE:

●Disassembling left fuel tank decorative cove

Remove the bolt of the left oil tank decorative cover with 4#inner hexagonal and remove the band.

Grasp the tail of the left decorative cover and lift it up slightly, and separate the buckle of the decorative cover from the limited glue and pull out the order of ①-②, pull out the left cover component of the fuel tank.

Take the lower and lower buffer of the left cover of the fuel tank.

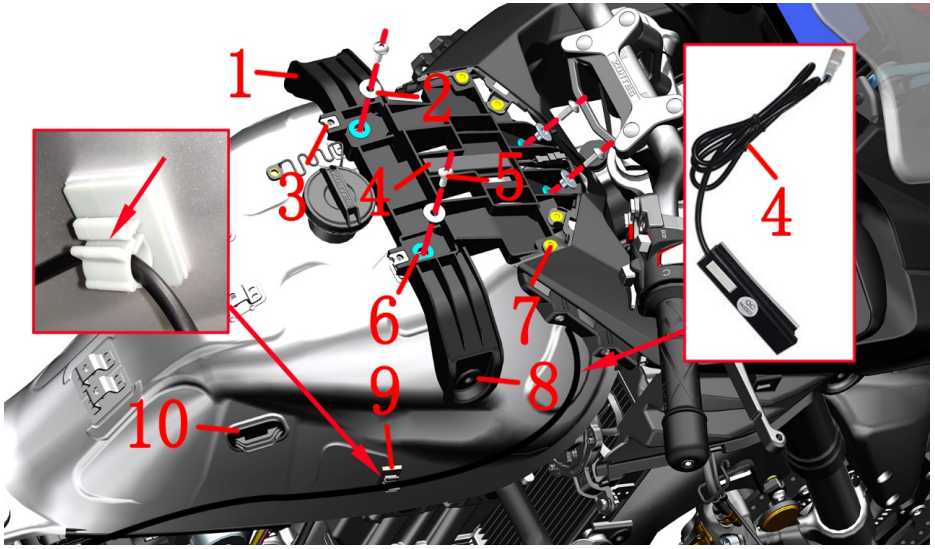
●right fuel tank decorative cover

The right fuel tank decorative cover follows the steps of the left cover of the fuel tank to remove the fuel tank right cover.

CAUTION:

●During the disassembly process, the material should be protected to prevent damage to the paint surface. The fuel tank cover is long, and it should be operated or held in both hands during disassembly or assembly.

●When assembly, install the stuck nails in order.Pay attention to the left and right hoods of the fuel tank, it is recommended to install the right cover and then the left cover.



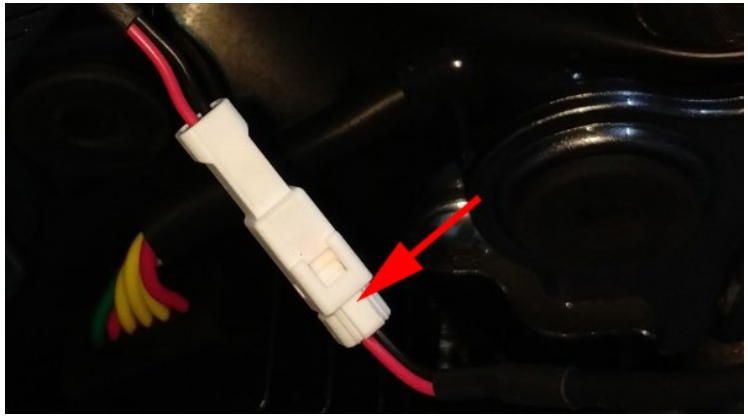


Fig.1 FUEL TANK LINER ASSEMBLY		Oil tank box component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-141000	ZT310-X1 fuel tank box	1	
2	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	4	
3	1251300-063093	Plywood M6×11×15(color Zinc)	2	
4	1184200-053000	ZT310PKE external single antenna	1	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
6	1244100-004000	ZT250-S Flanging bushing buffer	4	
7	1224100-010000	ZT250-S swell nail	4	
8	1244100-002000	ZT250-S Side cover round rubber	2	
9	1224200-066000	ZT310PKE External antenna mount	1	
10	1244200-084000	ZT310-X1 fuel tank cover limit glue	2	

PROCEDURE:

●Disassembling PKE antenna

PKE antenna separates the PKE antenna (4) from the fuel tank box(1).If you need to replace the PKE antenna, you need to find the connector on the left side of the body. Insert a word screwdriver into the antenna fixed seat to pry the limited card open, then remove the cable from the fixed seat; then remove the PKE antenna.You can use a hot air gun to slightly heat up the double -sided glue from the fuel tank box and clean up the remnant.

●Fuel tank box component

The fuel tank box components are pressed down the center of the expansion nail with a small cross screwdriver, and the expansion nails are removed.

Remove 4 bolts(5) and remove 4 pieces(2).

Remove the fuel tank box component. Be careful not to pull the nylon rope of the oil tank cover.

Remove 2 clampig plates(3),2 side cover round rubber (8) and 4 buffer rubber (6) from the oil tank box.

The fuel tank cover is sticked in the fuel tank with double -sided glue.

CAUTION:

●Remove the cushion, the outer cover of the fuel tank, the side cover, the encirclement panel, etc. need to be removed in advance.

●The PKE antenna is a magic sticker+double -sided adhesive to the fuel tank box.

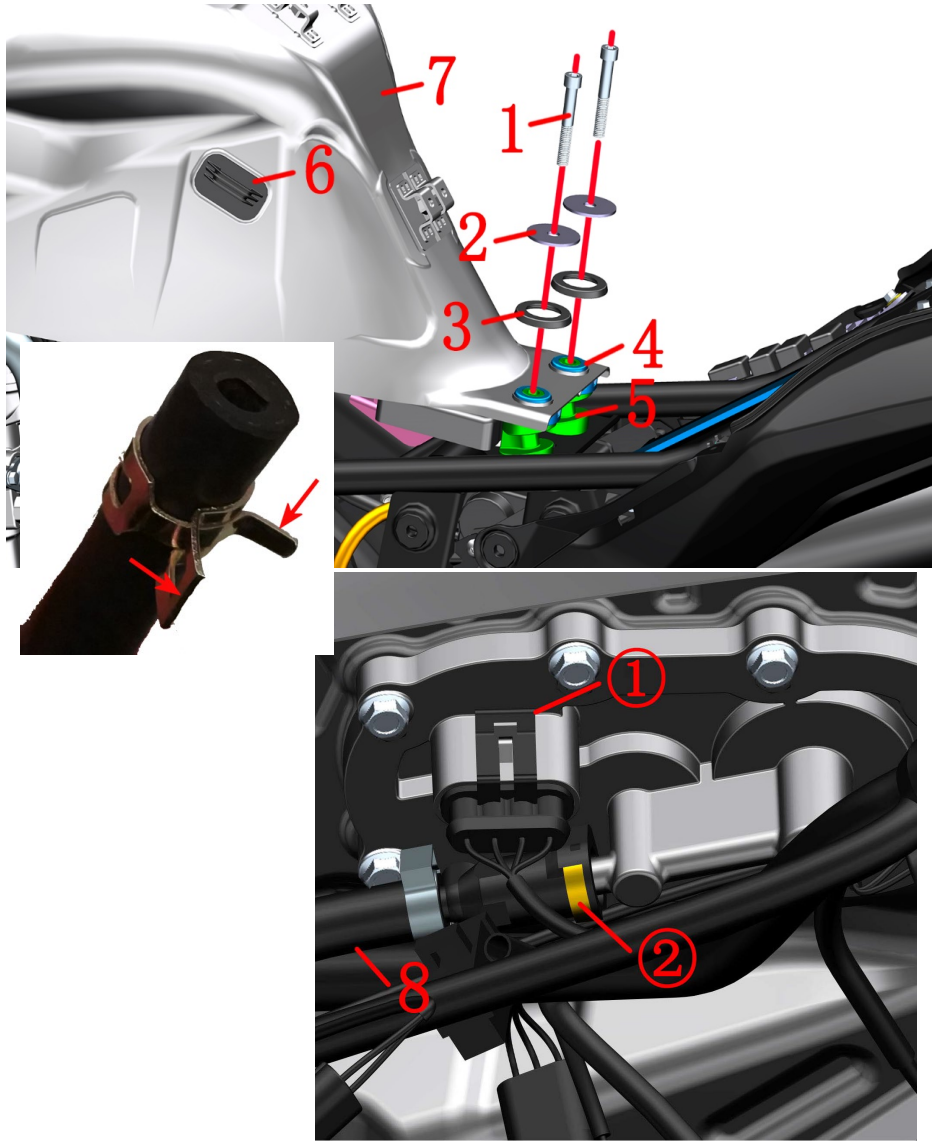


Fig.2 FUEL TANK LINER ASSEMBLY		Bully component in the fuel tank	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-043093	GB70.1M8×55(environmental color)	2	
2	1251900-028093	ZT250-R fuel tank flat pad φ9×φ37.5×2	2	
3	1244100-020000	ZT250-S tank pressure glue	2	
4	1244100-053000	ZT250-S fuel tank gasket	2	
5	1274100-080000	ZT250-R cushion fixing block	1	
6	1244200-084000	ZT310-X1 fuel tank cover limit glue	2	
7	4034200-009000	ZT310-T fuel tank liner	1	
8	1050954-006000	ZT250－R EFI High Pressure Tubing Sub-assembly	1	

PROCEDURE:

●Inner biliary components of the fuel tank

The biliary component in the fuel tank is removed with a 6#inner hexagonal tool to remove the bolt (1).

Raise the tail of the bile component in the fuel tank, remove the gum (4), and the cushion fixed block (5).

Pull the main line beam card ① to pry open and pull out the plug down.

Find the limit card ring on the high -pressure oil pipe division component.

Continue to raise the bile component in the oil tank, clamp the tube on the ventlee in the direction of the arrow, and pull out the ventilation.

Put the tank inner bile component slightly left and right to remove it at the same time.

Two pieces of limited glue are taken from the bile (7) in the fuel tank, and the limited glue is pasted with double -sided glue in the fuel tank with double -sided glue.

CAUTION:

●The high -pressure oil pipe should maintain the horizontal direction, and do not pull out forcibly.

●Remove the cushion, side cover, fuel tank cover, etc. in advance.

●When disassembling the high -pressure oil pipe, it must be fully cooled by the engine and muffler before it can be operated to prevent the fuel from accidentally igniting the fire.

●Near the parking lot, fireworks, answering or calling to prevent accidents should be prohibited.

●A small amount of fuel leakage when pulling out the component of the high -pressure oil pipes should prevent fuel dripping from outside or muffler outside the engine.

●It is recommended to use the fuel pump to draw or consume fuel before disassembling the fuel pump before disassembling the fuel tank.

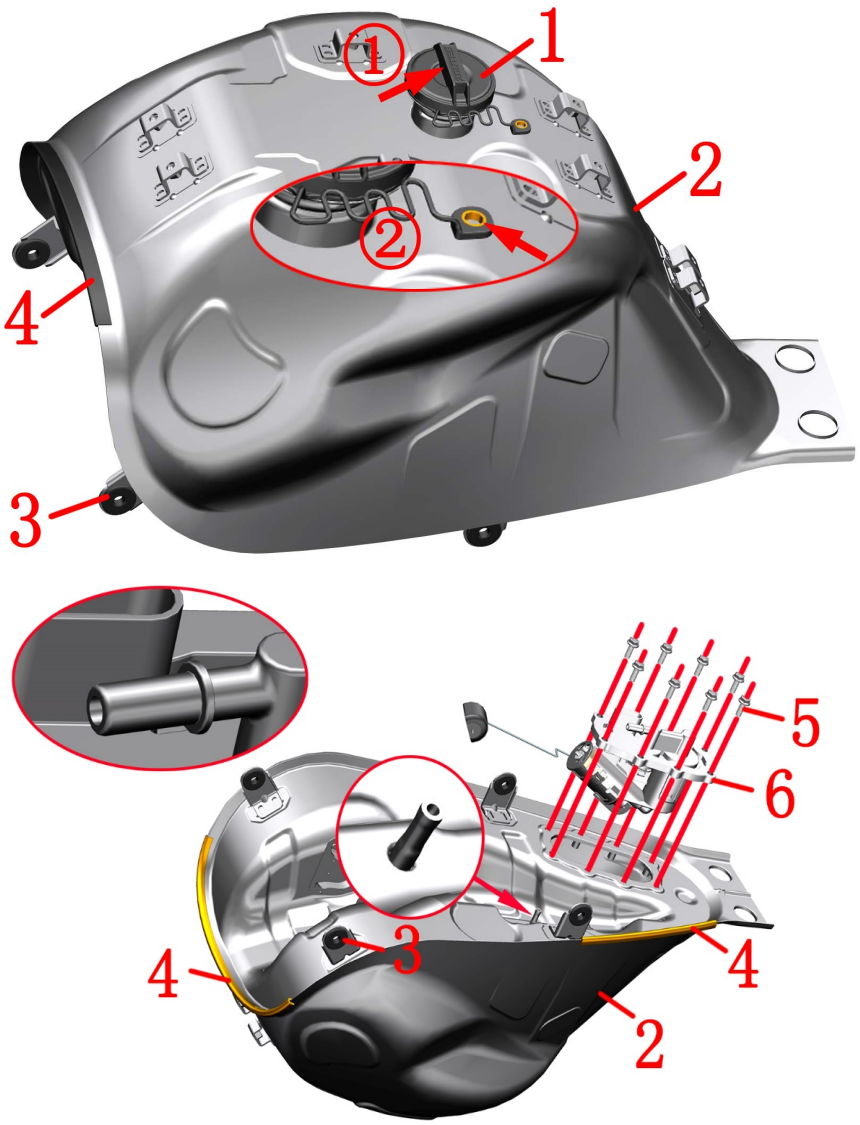


Fig.3 FUEL TANK LINER ASSEMBLY		Bile in the fuel tank	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-033000	ZT250-S thread cap of the fuel tank	1	
2	4034200-009000	ZT310-T fuel tank liner	1	
3	1244100-002000	ZT250-S Side cover round rubber	4	
4	1240300-021000	HJ125-6 pod glass strip (1.5m)	1	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

PROCEDURE:

●Fuel tank cap

Pinch ① and turn it counterclockwise to remove the fuel tank cap (1), be careful not to pull the nylon rope ② with force. The newly purchased fuel tank cap needs to remove the bushing indicated by the arrow before use, otherwise the expansion nail cannot be inserted into the fixed nylon rope.

●Adhesive strip

There is a 0.4m rubber strip (4) at the front of the fuel tank and a 0.2m rubber strip (4) on the right side. Just pull it off with your hands from one end of the tape.

●Side cover round rubber

Remove the side cover rubber (2) from the fuel tank liner (3).

●Fuel pump

Invert the fuel tank liner assembly and place it firmly, then use a 10# sleeve to remove the bolt (5).

When removing the fuel pump (6), do not bend or bend the connecting rod of the float to avoid inaccurate display of the fuel quantity.

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

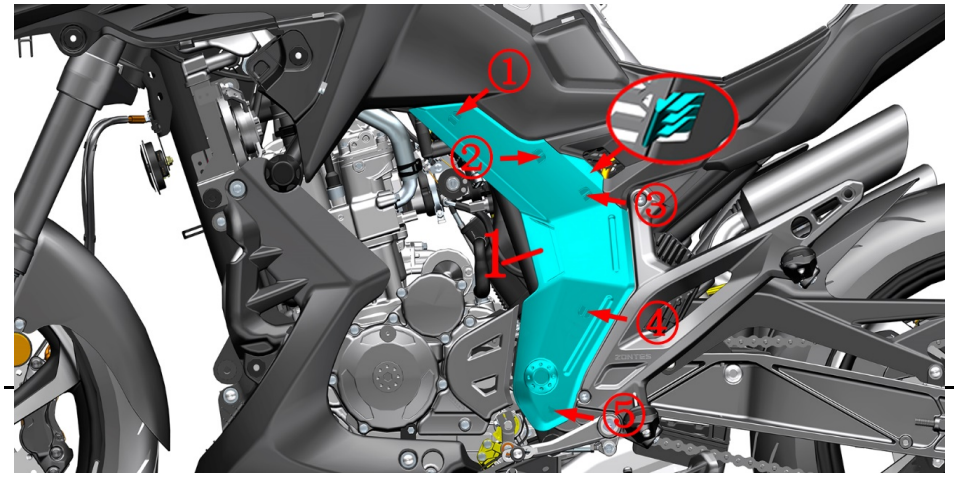
CAUTION:

●Before dismantling the fuel tank liner assembly, it is recommended to use the fuel pump to pump out the fuel or to disassemble the fuel after the fuel is consumed.

●No fireworks, answering or making phone calls, etc. should be strictly prohibited near the dismantling site to prevent accidents.

●Be sure to check whether the fuel tank cap has been tightened by inverting the fuel tank liner assembly to remove the fuel pump to prevent residual fuel from overflowing from the fuel tank port; a small amount of fuel may overflow from the vent pipe ② when the fuel tank cap is turned over and removed.

●When reassembling the fuel pump, be sure to clean up the fuel pump gasket and the joint surface of the fuel tank liner. When tightening the bolts, stagger the positions and lock them to ensure that the gasket is evenly deformed.



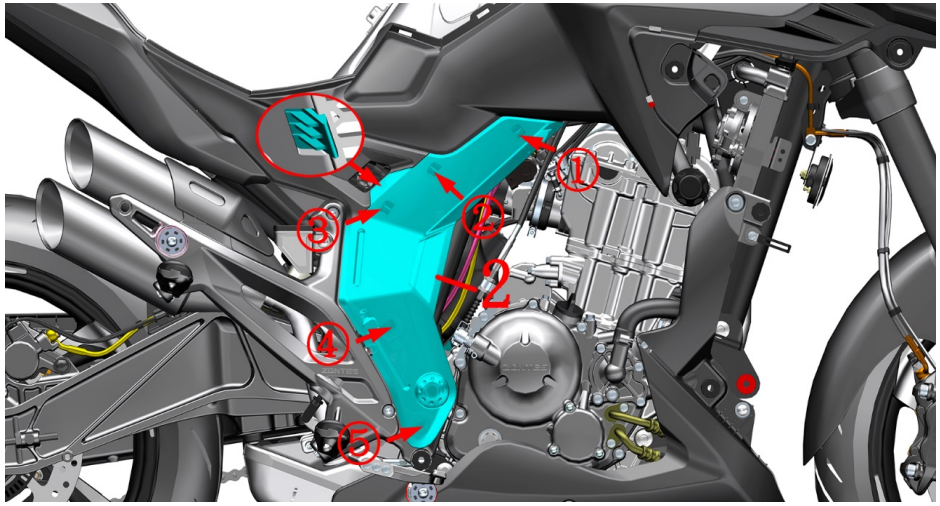


Fig.1 SIDE COVER COMPONENT		Lower part of the side cover	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-067000	ZT350-X lower part of left side cover	1	
2	1224300-065000	ZT350-X lower part of right side cover	1	

PROCEDURE:

●Disassembling component

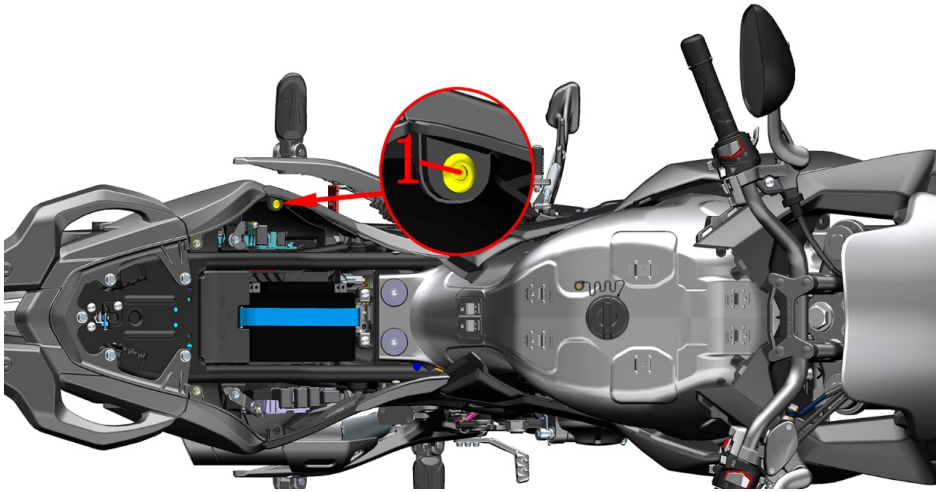
Pull out the mushroom buckle from the lower part(1) of the left cover in the order of ①～⑤.Note that there is a buckle in the middle of the mushroom buckle ②, ③, and the ②, ③ mushroom buckle must be pulled out, and you need to ensure that the buckle is left and then disassembled.

Follow the above steps to remove the lower part of the right cover.

CAUTION:

●Remove the cushion, the outer cover component of the fuel tank, and the front surround panel component in advance.

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



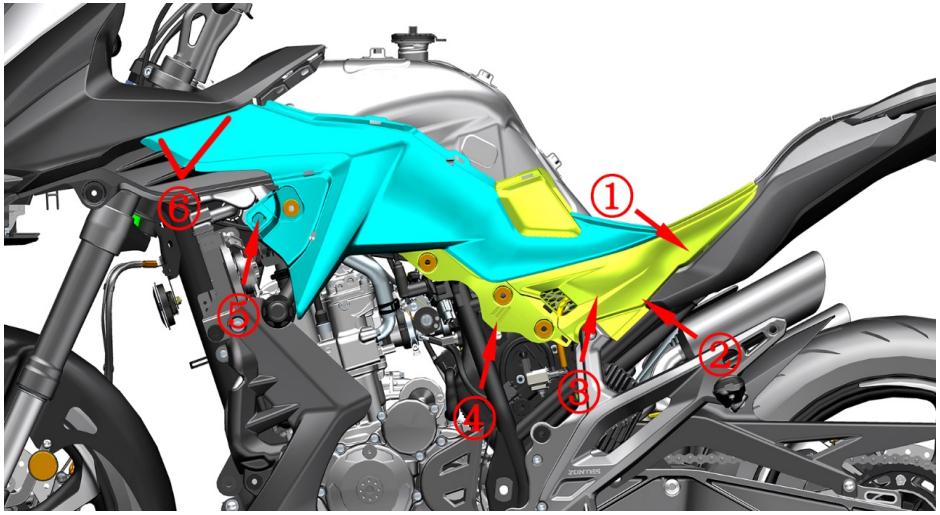


Fig.2 SIDE COVER COMPONENT		The upper component on the left side 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	1	

PROCEDURE:

●The upper component on the left side

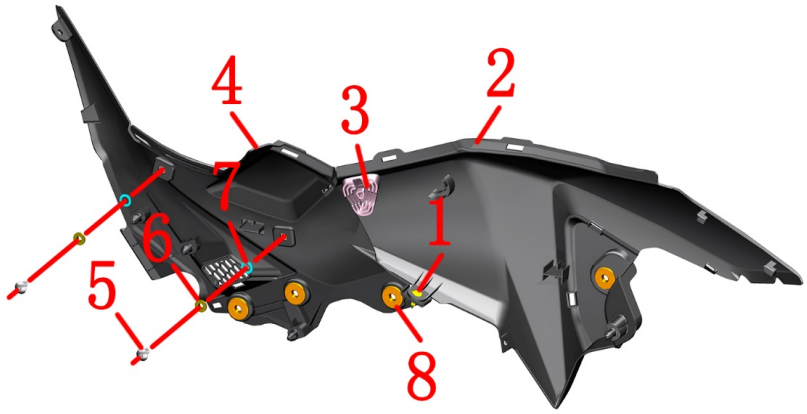
The upper part of the left side is pressed down with a small cross screw knife expansion nail, and the expansion nails are removed.

First pull out the positioning of the arrow ①, and then pull out the mushrooms at the arrow ②, ③, ④, and ⑤ in turn, and finally pull out the buckle ⑥ backwards, remove the left cover component.

CAUTION:

●Remove the cushion, the outer cover component of the fuel tank, and the encirclement panel component in advance.

●When assembly, first assemble the buckle of the upper part of the left side, and then deduct the mushroom buckle at ⑤, ④, ③, and ② at the time of the positioning to insert the positioning; finally the expansion nail.



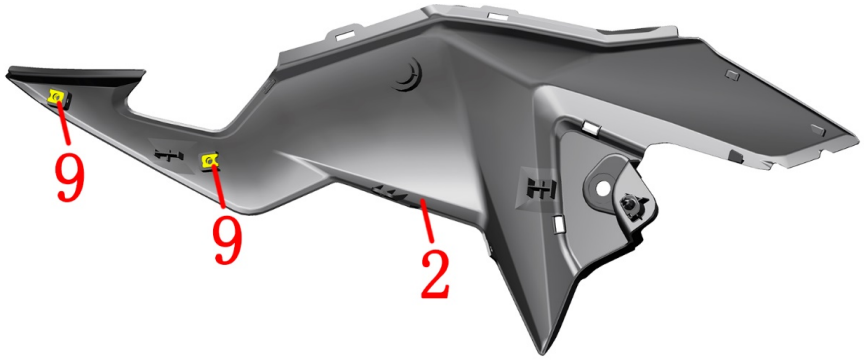


Fig.3 SIDE COVER COMPONENT		The upper component of the left side 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	1	
2	4044201-549051	ZT310-X upper left cover (dark gray matte)	1	
3	1244200-032000	ZT310-X Left cover upper rubber	1	
4	1224300-066000	ZT350-X Left cover middle part	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1244100-052000	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
8	1244100-002000	ZT250-S Side cover round rubber	2	
9	1251300-063093	Plywood M6×11×15(color Zinc)	2	

PROCEDURE:

●The upper component of the left side

Turn it over to the back, remove the 2 bolts (5) with a 4# hexagon socket, and take off the bushing (6) and buffer glue (7).

Remove the expansion nail (1).

Separate the upper part of the left cover from the middle part.

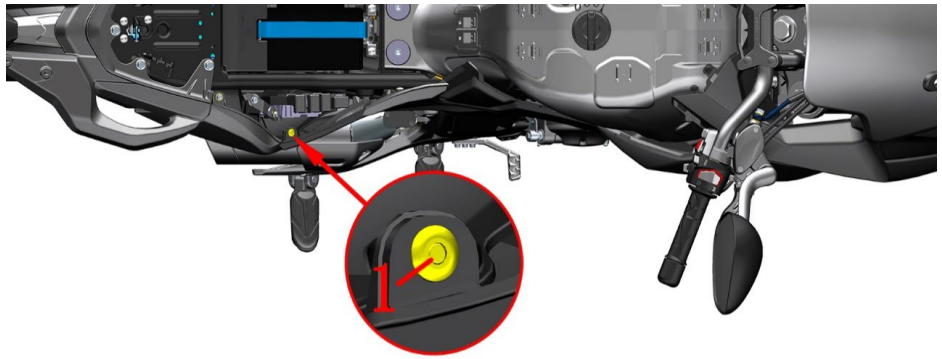
Remove the side cover round rubber (8) from the upper part (2) and the middle part (4) of the left side cover respectively.

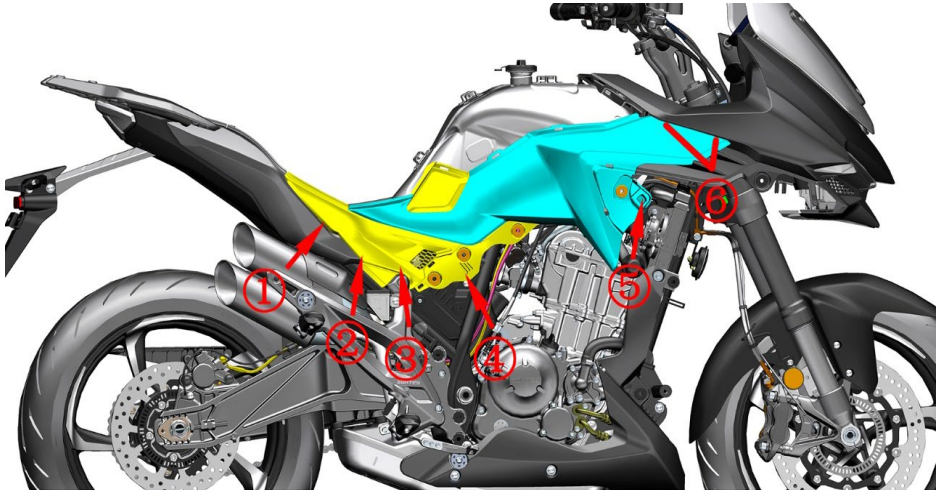
Remove the splint (9) from the upper part of the left side cover (2).

CAUTION:

●During the disassembly process, the parts should be protected to prevent damage to the paint surface.

●Be careful when removing the clip to prevent damage to the clip.





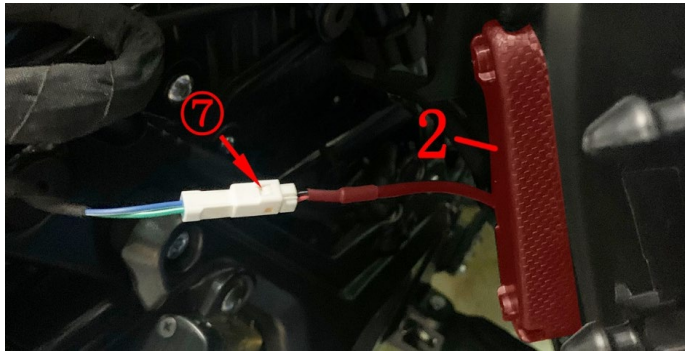


Fig.4 SIDE COVER COMPONENT		The upper component on the right side 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	1	
2	1184300-005000	ZT350 antenna	1	

PROCEDURE:

●The upper component on the right side

The upper part of the right cover is pressed down with a small cross screw knife expansion nail in the center of the nail, and the expansion nails are removed.

First pull out the positioning of the arrow ①, and then pull out the mushrooms at the arrow ②, ③, ④, and ⑤ in turn. Plug down and remove the left cover component.

CAUTION:

●Remove the cushion, the outer cover component of the fuel tank, and the encirclement panel component in advance.

●When assembly, first assemble the buckle of the upper part of the left side, and then deduct the mushroom buckle at ⑤, ④, ③, and ② at the time of the positioning to insert the positioning; finally the expansion nail.

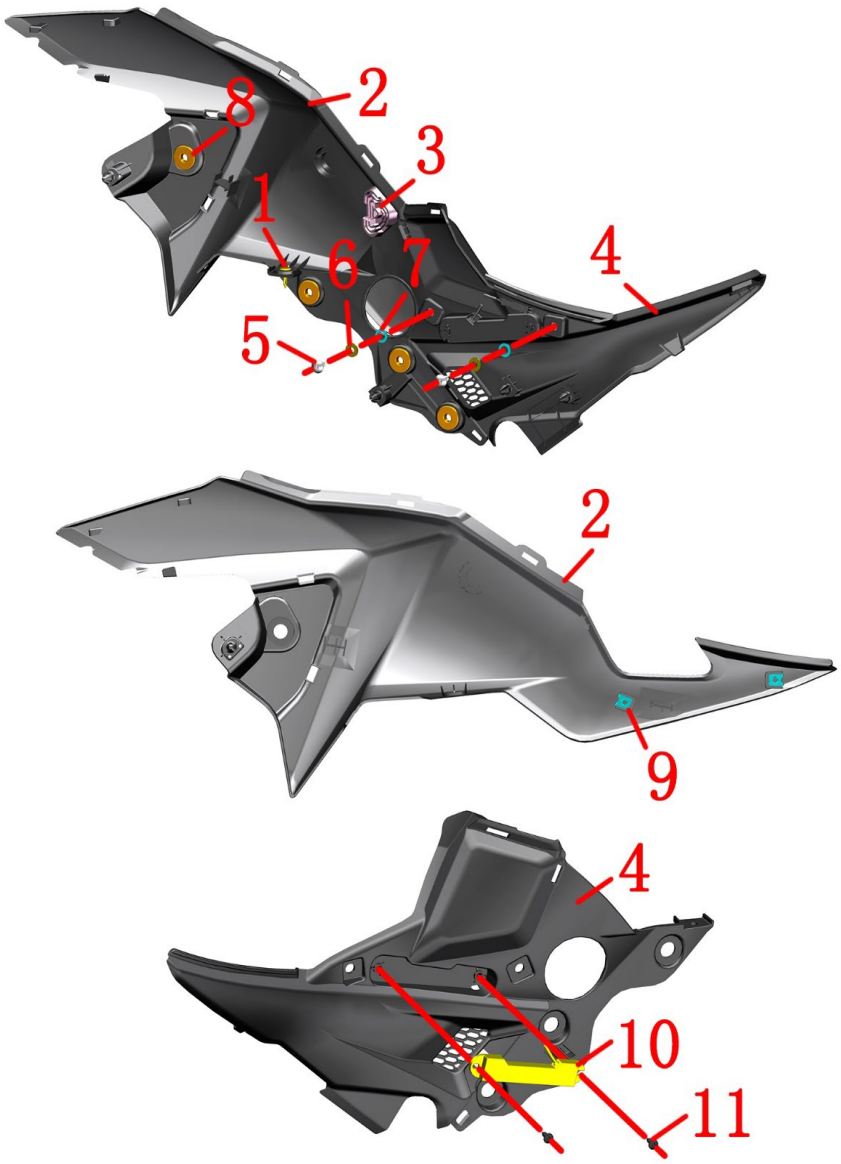


Fig.5 SIDE COVER COMPONENT		The upper part of the upper part of the right side 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S swell nail	1	
2	4044302-070051	ZT350-X Right Side Cover Upper (Dark Gray Matte)	1	
3	1244200-033000	ZT310-X Right cover upper rubber	1	
4	1224200-030000	ZT310-X Right cover middle part	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
8	1244100-002000	ZT250-S Side cover round rubber	2	
9	1251300-063093	Plywood M6×11×15(color Zinc)	2	
10	1184300-005000	ZT350 antenna	1	
11	1251200-050094	Non-standard cross tapping screws ST3.9×12 (Black Zinc)	2	

PROCEDURE:

●The upper part of the upper part of the right side

Turn the upper component of the right cover over to the back, remove the 2 bolts (5), and take off the bushing (6) and buffer glue (7).

Remove the side cover round glue (8) from the upper part (8) and the middle part (8) of the right cover respectively. Remove the expansion nail (1). Separate the upper part of the right cover from the middle part.

Remove the splint (9) from the upper part (2) of the right cover.

Remove two self-tapping screws (1) with a Phillips screwdriver, and remove the antenna ((10)) from the right cover (4).

CAUTION:

●The cushion, fuel tank cover assembly and surrounding panel assembly need to be disassembled in advance.

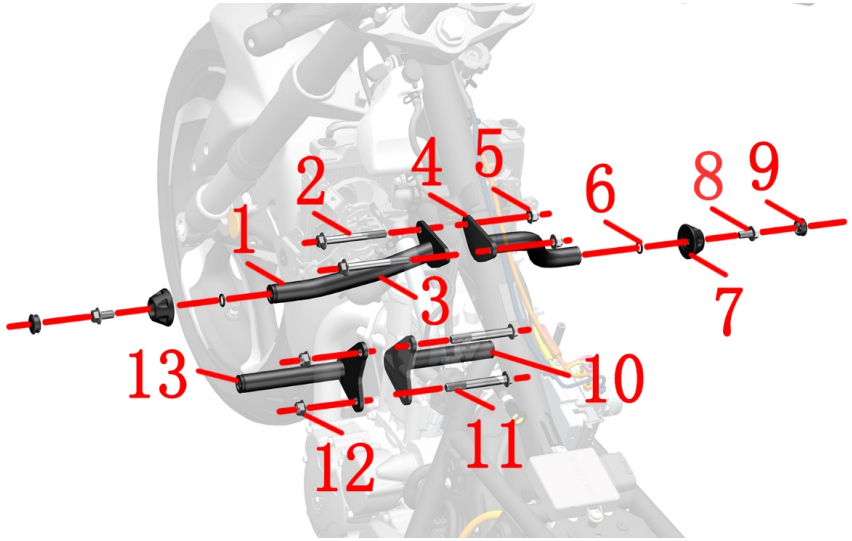


Fig1 GUARD BAR COMPONENT		Guard bar component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1144300-003000	ZT350-X upper left guard bar	1	
2	1251100-060000	Non-standard bolts M10×1.5×90 (Dacromet)	2	
3	1144300-003000	ZT350-X upper left guard bar	1	
4	1144300-004000	ZT350-X upper right guard bar	1	
5	1251300-057093	Non-standard nut M10×1.5(Dacromet)	2	
6	1244300-028000	O-ring φ11.8×2.65(inner diameter×wire diameter)	2	
7	1244300-025000	ZT350-X bumper protection glue	2	
8	1251100-082093	Non-standard bolts M10×1.5×20(Dacromet)	2	
9	1244300-027000	ZT350-R guard bar waterproof rubber stopper	2	
10	1144300-006000	ZT350-X lower right bumper	1	
11	1251112-023000	GB5187 non-standard bolt M12×1.25×95(10.9 garde/dacromet)	2	
12	1250305-009091	GB6187.1 M12×1.25(White Zinc)	2	
13	1144300-005000	ZT350-X lower left bumper	1	

PROCEDURE:

●Guard bar assembly

One hand of the bumper assembly uses a 14# ring wrench to fix the bolt (2), and the other hand uses a 14# sleeve to remove the nut (2).After pulling out the two bolts (2), remove the upper left guard bar. Re-insert the two bolts (2) into the gasket and the frame.

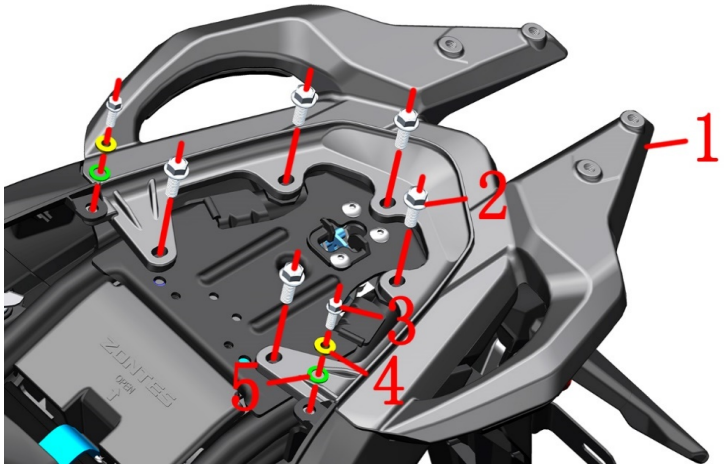
Fix the nut Φ with a 17# ring wrench with one hand and remove the bolt (11) with a 14# sleeve with the other hand.After pulling off the two bolts, remove the left and right under the barrier. Insert the two bolts back into the bracket and frame.

If you need to disassemble the left and right upper bumper components, first pry the waterproof rubber plug in one word, remove the bolts with 14#sleeve, remove the protective glue, and remove the O -type ring.

CAUTION:

●Remove the cushion, fuel tank assembly, enclosure assembly, side cover assembly, and lower streaming assembly.

●After removing the barrier, the bolts connected to the hanging piece and the bracket should be inserted back.



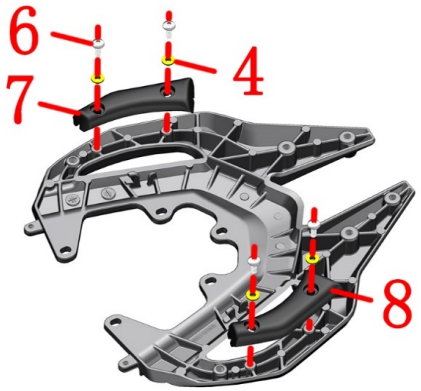


Fig.1 REAR COVER COMPONENT		Rear hand armrest component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4114200-003051	ZT310-X rear armrest (dark gray matte)	1	
2	1250105-142093	GB5789M8×20(color Zinc)	5	
3	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	2	
4	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
5	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
6	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
7	1244200-020000	ZT310-X Rear handrail right bubber	1	
8	1244200-019000	ZT310-X Rear handrail left rubber	1	

PROCEDURE:

●Rear armrest assembly

The rear handrail components remove 2 bolts with 8#sleeves, and remove the band -hoe eloguary glue.

Remove 5 bolts with 12#sleeves and pull the back armrest to the back of the slope.

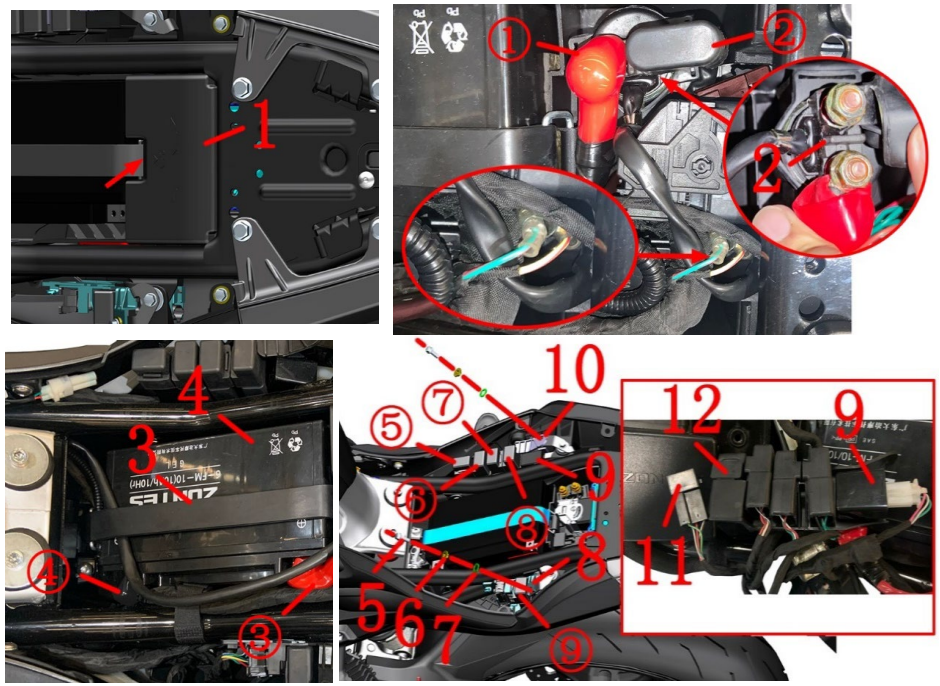
●Rear armrest rubber pad assembly

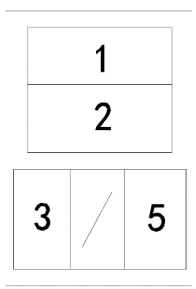
The rear handrail padding component is turned to the back, removed the bolts with a hexagonal inner hexagon, removed the band -hoe, and then removed the left cushion and the right cushion glue.

CAUTION:

●During the disassembly process, the material should be protected to prevent damage to the paint surface.

●The bottom of the rear armrest has a buckle with the tail skirt, and it cannot be directly used to prevent the card buckle from broken.





The cable end

Fuel-injection relay

CAUTION:

●During the disassembly process, the material should be protected to prevent damage to the paint surface.

●Be careful not to press any cables when reinstallation to prevent short circuits.

Fig.2 REAR COVER COMPONENT		ZT310 colloid battery assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-161000	ZT310-R electric device box (colloid battery)	1	
2	1184100-010000	ZT250-S starting relay	1	
3	1244200-111000	ZT310 gel battery strap	1	
4	1184200-099000	ZT310 colloid battery (6-FM-10/10Ah)	1	
5	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	2	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
8	1224300-059000	ZT350-GK taillight plug holder	1	
9	1180300-101000	HJ150-3 square flasher (LED)	1	
10	1224300-054000	ZT350-GK relay holder	1	
11	1184100-017000	ZT250-S fuel-injection relay	5	
12	1244200-103000	ZT310 relay rubber sleeve	5	

PROCEDURE:

●Start relay

Start the relay and hold the buckle referred to the arrow to remove the electrical device box.Open the red rubber hat ③ o f the launching relay (2) and the black rubber hat ④, remove the built -in nut with the 10#sleeve.Pull out the yellow/red and green/red line plugs.Pull up the relay up and remove it.

When reinstallation, the relay yellow/red and green/red line corresponds to the color of the main cable, and the nut does not need to distinguish.Make sure that the protective cap is covered after the nut is tightened, and the electrical component box is inserted. See the figure below for the starting process of launching relay failure.

●Battery

The battery will bind a strap. The end of the battery is stretched and pressed down the metal ring down, and the limited buckle of the electrical component box is bypass.

Pull out the battery, open the positive red rubber hat ③, remove the bolt of the battery with a cross screwdriver or 10#sleeve.Then open the negative black rubber hat ④ remove the bolt. Take the battery from the vehicle and place it.

Use a multimeter to measure the battery voltage. If it is lower than 12 volts, it should be charged in time.The battery should be removed for a long time without using a vehicle and charged once a month.

●Relay holder,tail lamp piug holder

Revisit with 8#sleeves to remove the fixed seat (8) and fixed seats with 8#sleeves, remove the bolt (5) on the fixed seat, and remove the band (6) and buffer glue.

Unplug the plug of the flash device, and take the flash device from the fixed seat.

Pull out the 4 -piece relay rubber sleeve. After removing, you can see the Electic Jet Relax.⑤ It is the oil pump relay, ⑥ as the main relay, ⑦ to start the auxiliary relay, ⑧ is the cooling fan relay, and the lamp as the light relay; the sorting batch may be different, and the corresponding text description is printed on the cable plug. You can see after setting.

If you need to check whether it is damaged, pull it off and turn it to the side of the plug -in film. As shown in Figure 3 and 5, it is a normal closed contact. You can use a universal watch bee to test.1 and 2 are regular contacts.Otherwise, it can be judged as a relay failure.

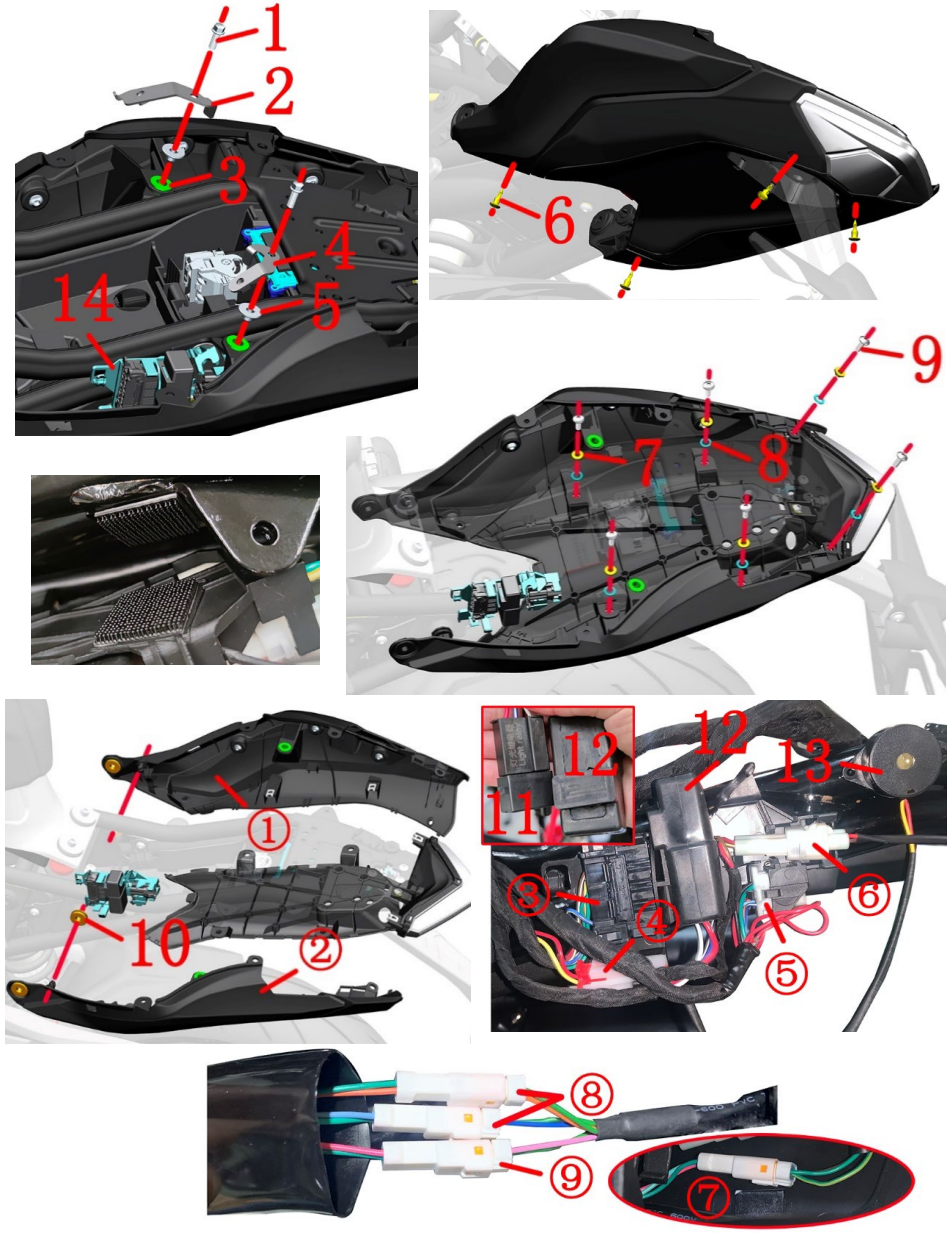


Fig.3 REAR COVER COMPONENT		Tail skirt component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
2	1274300-073000	ZT350-X relay holder bracket	1	
3	1244100-004000	ZT250-S Flanging bushing buffer	2	
4	1224300-059000	ZT350-GK taillight plug holder	1	
5	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	
6	1224100-010000	ZT250-S swell nail	4	
7	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
8	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
9	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
10	1244100-002000	ZT250-S Side cover round rubber	4	
11	1184100-017000	ZT250-S fuel-injection relay	1	
12	1244200-103000	ZT310 relay rubber sleeve	1	
13	1184200-016000	ZT310 PKE Buzzer	1	
14	1224300-059000	ZT350-GK taillight plug holder	1	

PROCEDURE:

●Left and right tail skirts

Remove 2 bolts in the left and right tail skirts with an 8#sleeve. Press down the central part of the expansion nail with a small Phillips screwdriver, and remove the four expansion nails (1). Remove 6 bolts (9) with 4# hexagon socket, and take down the flanging bushing (9) and buffer glue (9). Grab the left tail skirt assembly ② and pull out the mushroom buckle, then remove the left tail skirt assembly ②. Remove the right tail skirt assembly ① in the same way.

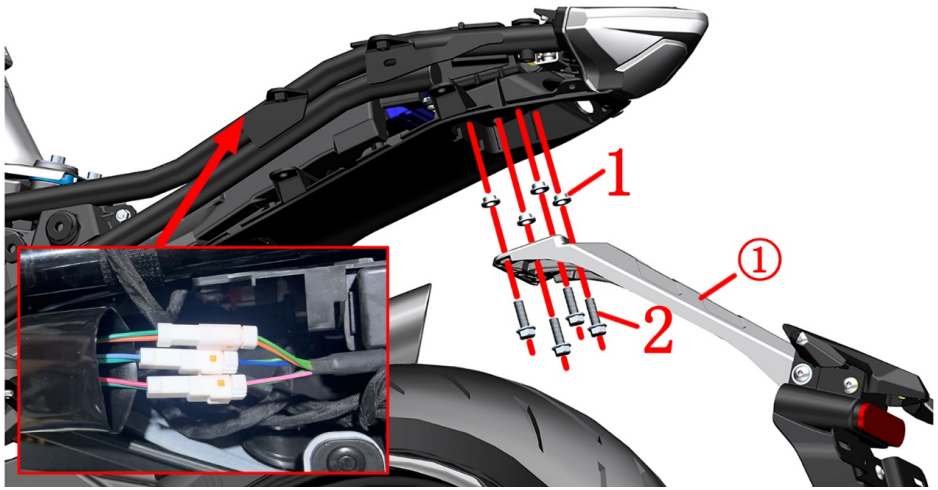
●Tail lanp plug holder

Tail lamp plug holder (14) There is a mushroom buckle on the holder, one side of which is attached to the frame, and the other side is attached to the back of the holder. Pull out the rubber sleeve Φ upwards, and you can see the relay (11) after taking it down. This is a light relay. See the previous page for testing methods. The buzzer (13) is attached to the frame with double-sided adhesive, and can be removed by unplugging the plug (4). ③ OBD diagnostic interface, ④ buzzer plug, ⑤ reserved plug for burglar alarm, ⑥ cushion lock plug, ⑦ tail lamp plug, ⑧ turn signal plug and ⑨ license plate lamp plug.

CAUTION:

●Remove the cushion, fuel tank decorative cover, side cover, etc. in advance.

●During the disassembly process, the material should be protected to prevent damage to the paint surface.



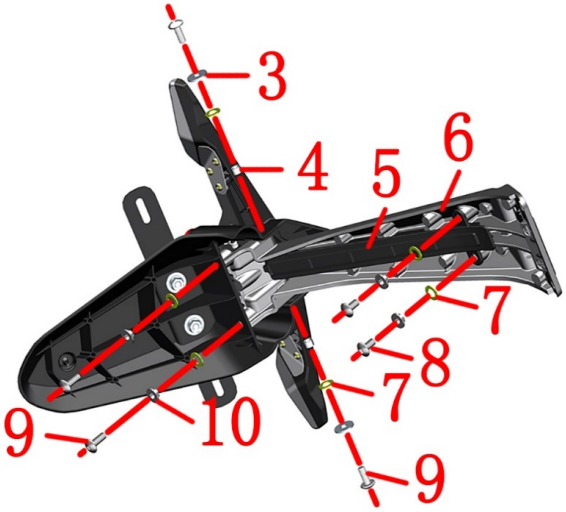


Fig.4 REAR COVER COMPONENT		Rear mud component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251700-058093	Flanging bushing φ8.2×φ11×4.5＋φ16×1.5	4	
2	1250105-148093	GB5789M8×25(environmental color)	4	
3	1250502-010093	GB96.1 φ6(environmental color)	2	
4	1274100-018000	ZT250-S Anti-hot plate sleeve, muffler	2	
5	1224200-033000	ZT310-X Back mudboard support cover plate	1	
6	4024200-071051	ZT310-X rear mudguard bracket (dark gray matte)	1	
7	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
9	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
10	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	4	

PROCEDURE:

●Rear fender assembly

The rear push panel component is found to be connected to the cable connecting the cable and unplugged. The color is three connectors of green+orange, green+blue, green+powder.

Use the 12#sleeve to remove the 4 bolts(2) and remove the muddy plate bracket component ① and the band(1). Do not force the cable during the process of removing.

Remove the 2 bolts(7) and remove the bushing (10) and buffer rubber (7). Remove the bracket cover(5).

Remove the top 2 bolts (9) on the top, remove the pads(3), buffer gel(7) and bushing(4).

Remove the bottom 2 bolts(9) at the bottom, and remove the bushing(10) and buffer gel(7). Remove the bracket(6).

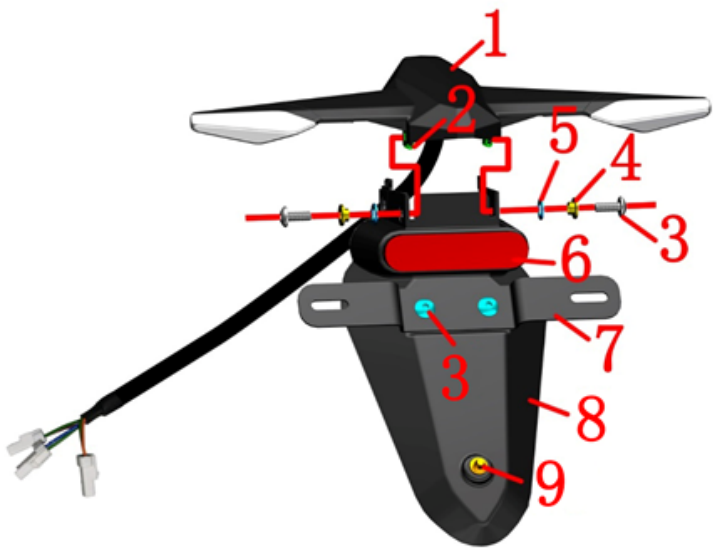
CAUTION:

●Remove the cushion in advance.

●Be careful not to force the cable for the disassembly process.

●When re -assembling, check whether there is a pressed wire to prevent short circuit when tightening the bolt.

●The lamp outer cover needs to be protected.



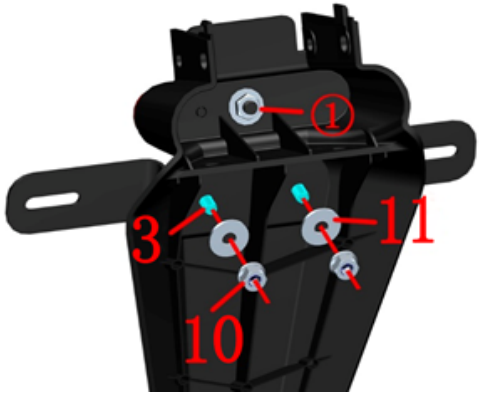


Fig.5 REAR COVER COMPONENT		Rear Mud component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-035000	ZT310 rear turn signal (including license plate light)	1	
2	1251300-063093	Plywood M6×11×15(color Zinc)	2	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
4	1274100-057095	Flanging 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	1224200-032000	ZT310-X Rear fender	1	
9	1244100-006000	ZT250-S rear liceness rubber buffer	1	
10	1250303-010093	GB6177.1M6 (environmental color)	2	
11	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 (3) with a 6# hexagon socket tool, remove the nut (10) and pad (11) with a 10# sleeve on the back of the rear mudboard. Remove the bolt (3) and license plate support (7) from the rear mud plate (8).

●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 (9) from the rear mud plate (8).

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.

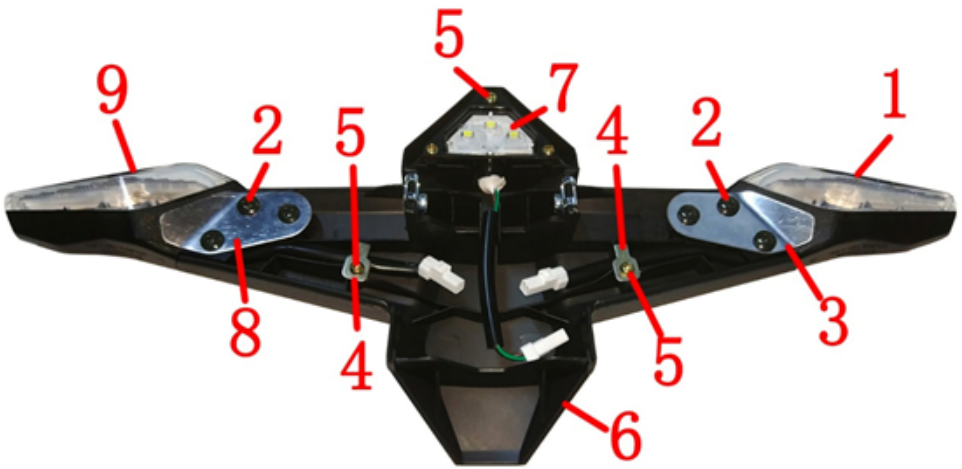


Fig.6 REAR COVER COMPONENT		Rear turning light parts for after sales service	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-020000	ZT310 Rear turn signal bracket	1	
2	1251200-056095	Non-standard cross self-tapping screw ST3.8×10 (military green)	6	
3	1274200-331000	ZT310－X Rear right turn signal	1	
4	1274200-332000	ZT310－X License Plate Light	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	

PROCEDURE:

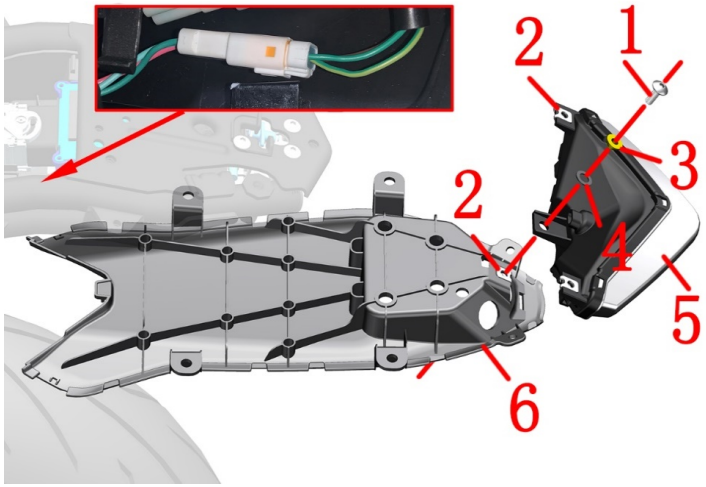
●Rear turning light （license lamp included）

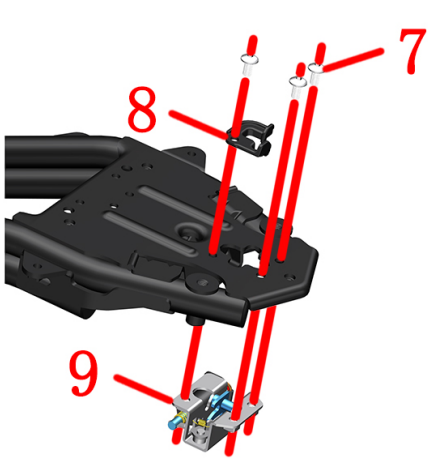
Grip the rear turning light holder (6) then disassemble bolts (5) on the license lamp (7).

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.





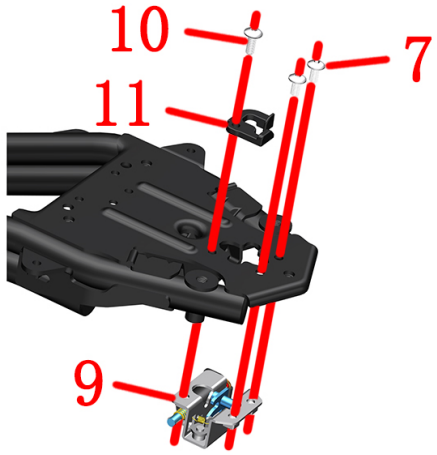


Fig.7 REAR COVER COMPONENT		Tail lights, tail skirt components	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	1	
2	1251300-063093	Plywood M6×11×15(color Zinc)	3	
3	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	1	
4	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	1	
5	1174200-008000	ZT310-X Tail light	1	
6	1224200-165000	ZT310-X Middle Part of Skirt (Gel Battery)	1	
7	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
8	1224200-205000	ZT310 electronic cushion lock block	1	Old model
9	1274100-058000	ZT310 Electric seat lock	1	
10	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	1	
11	1226400-269000	ZT368T-E Electronic Cushion Lock Guide Block	1	New pattern

PROCEDURE:

●Rear lamp

Remove the cushion lock plug first and remove the bolt at the bottom with 4#inner hexagonal.

Remove the rear taillight component from the middle of the tail skirt, and take a total of 3 splint nuts from the rear tail light (5) and the middle of the tail skirt.

●Cushion lock

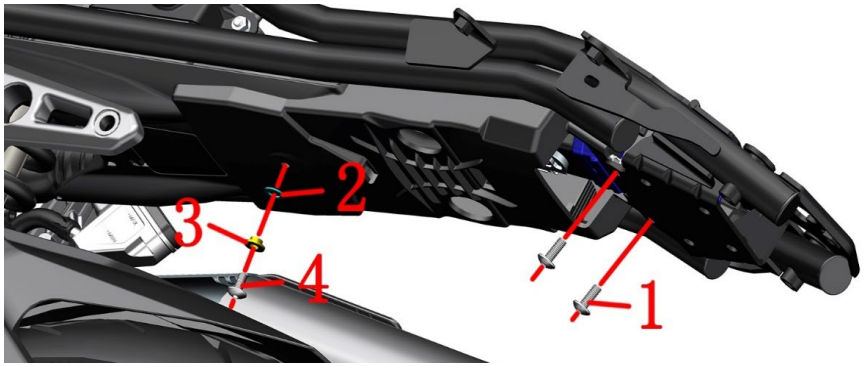
After the cushion locks grasp the cushion lock, remove the bolt (7) with a 4 #s hexagonal inner hexagonal, remove the guide block (8) and remove the electric seat lock (9).

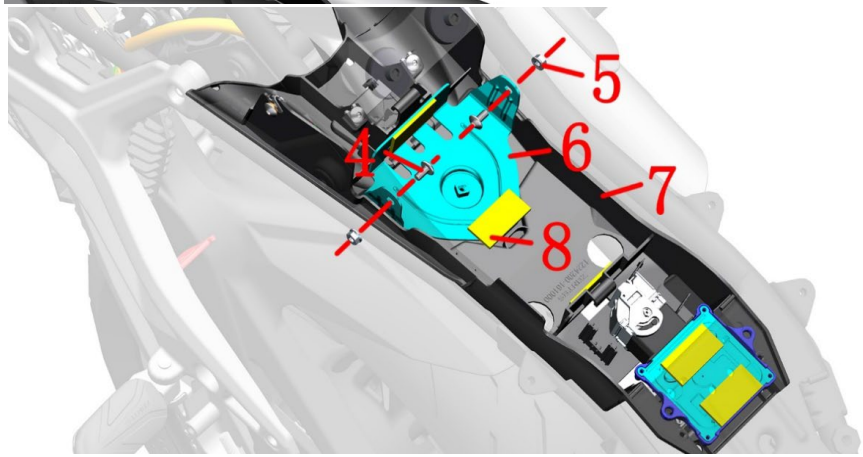
After the cushion locks grasp the cushion lock, remove the bolts (7) and bolts (10) with a 4 #s hexagonal inner hexagonal, remove the guide block (11) and remove the electric seat lock (9).

CAUTION:

●It is strictly forbidden to pull the cable directly.

●During the disassembly process, the material should be protected to prevent scratching the lamps.





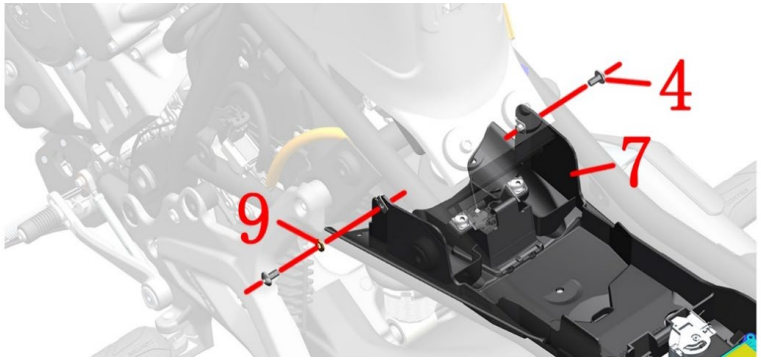


Fig.8 REAR COVER COMPONENT		Electric component box lid component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
2	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	1	
3	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	1	
4	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	5	
5	1250303-010093	GB6177.1M6 (environmental color)	2	
6	1274200-238000	ZT310-R battery holder (gel battery)	1	
7	1224200-161000	ZT310-R electric device box (colloid battery)	1	
8	1240300-007000	HJ125-6 Battery rubber gasket	5	
9	1251513-001019	6.3×12×1.6 copper gasket	1	

PROCEDURE:

●Battery support

Remove a bolt (4) an the bottom of the 4# hexagon socket tool and remove the bushing (2) and buffer rubber (3).

Remove the two bolts (4) in bolt sides with 4# hexagon socket tool,and remove the two nuts (5) and bracket(6).

●Battery box assembly

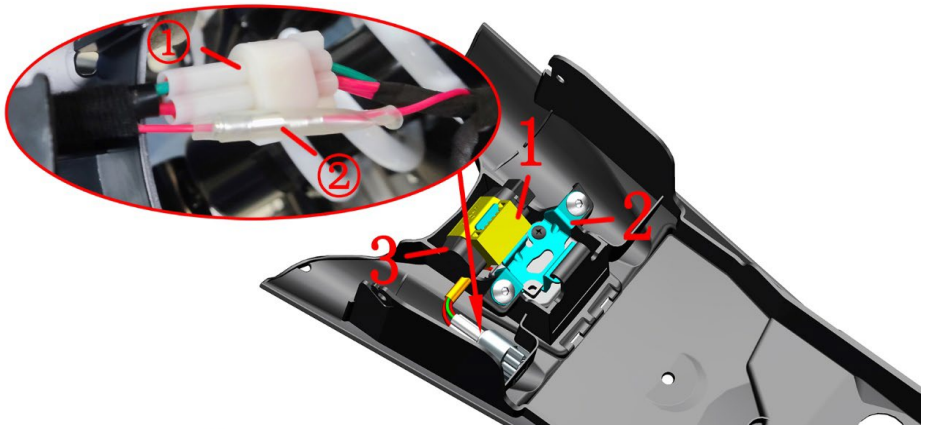
Use the 4# hexagon socket to remove two bolts (1).Remove the bolts (4) on both sides of the electrical parts box (7) with 4# hexagon socket. Note that there is only gasket (9) on the left side.

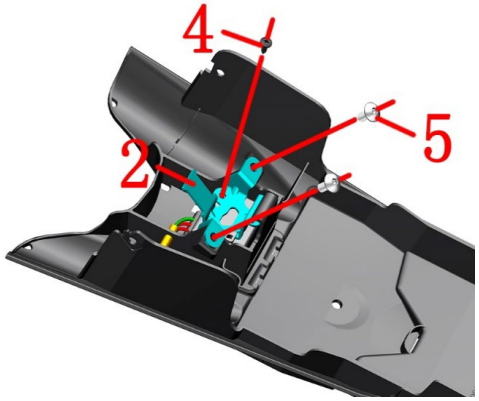
Pull the electrical component box assembly apart for a certain distance to create space for subsequent disassembly of the dump switch and charging port base.

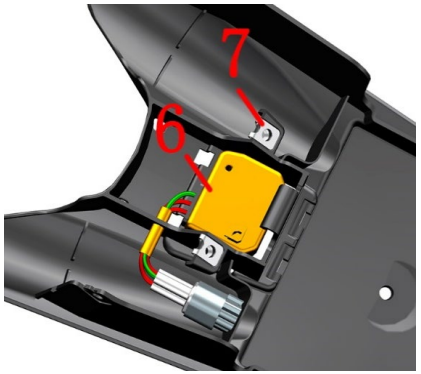
CAUTION:

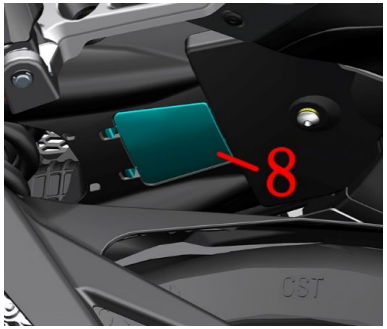
●It is strictly forbidden to pull the cable directly.

●During the disassembly process, the material should be protected to prevent scratching the lamps.









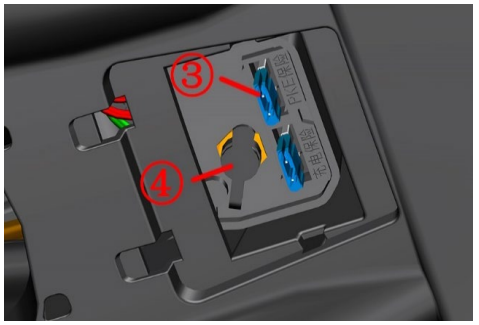


Fig.9 REAR COVER COMPONENT		Electric component box lid component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-082000	ZT250-R dump switch sleeve	1	
2	1274300-017000	ZT350-R charging port bracket	1	
3	1184100-002000	ZT250-S dump switch	1	
4	1251200-050094	Non-standard cross tapping screws ST3.9×12 (Black Zinc)	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1184300-003000	ZT350 charging port holder	1	
7	1251300-063093	Plywood M6×11×15(color Zinc)	2	
8	1224200-040000	ZT310 Electric parts box lower cover	1	

PROCEDURE:

●Dump switch

The dumping switch is pulled out of the bracket. Take the dumping switch 胶 from the glue cover (1).

●Electrical parts box

Press the ① buckle to pull out the plug and unplug the joint of the ① buckle, and then remove the electrical component box component from the car.

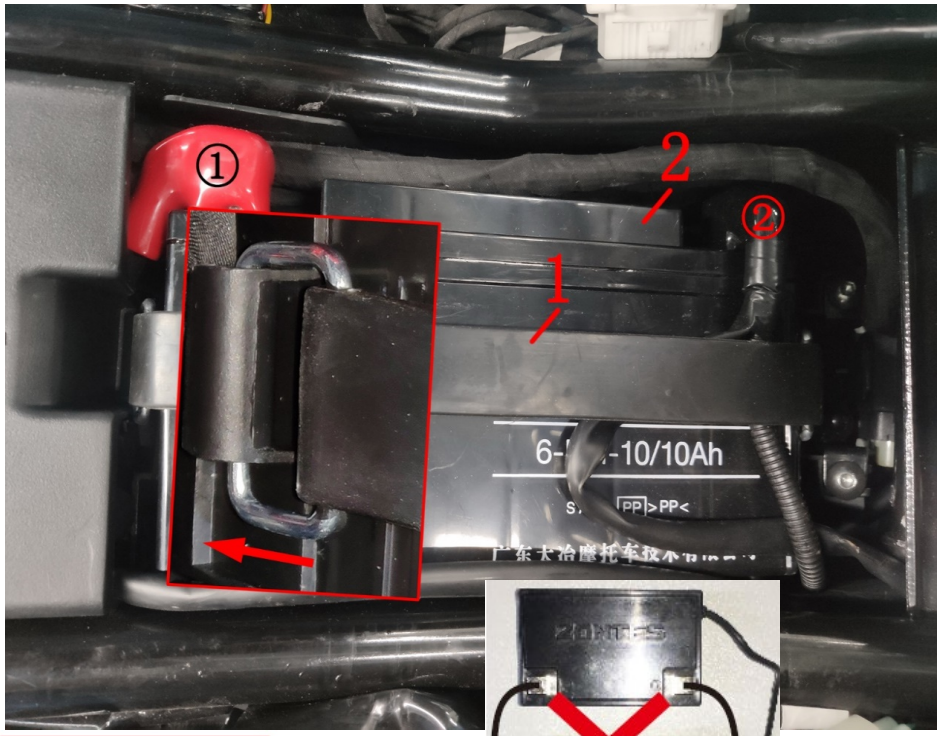
Remove two bolts with 4#inner hexagonal, remove the screws with a cross batch, and then take the bracket.

When the battery is inaccurate, find the lower lid at the bottom of the electrical device box, and press it to remove it. After the PKE insurance is removed, the rubber plug is unveiled and charged with the charger delivered with the car. When charging, first insert the charging cable into the charging port and then connect the power.

CAUTION:

●It is strictly forbidden to pull the cable directly.

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



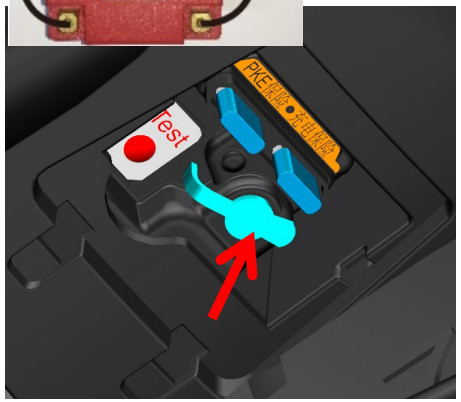


Fig.10 REAR COVER COMPONENT		Battery component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244200-111000	ZT310 gel battery strap	1	
2	1184200-099000	ZT310 colloid battery (6-FM-10/10Ah)	1	
3	1184300-037000	ZT350 Gel Battery Charger (European)	1	

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:

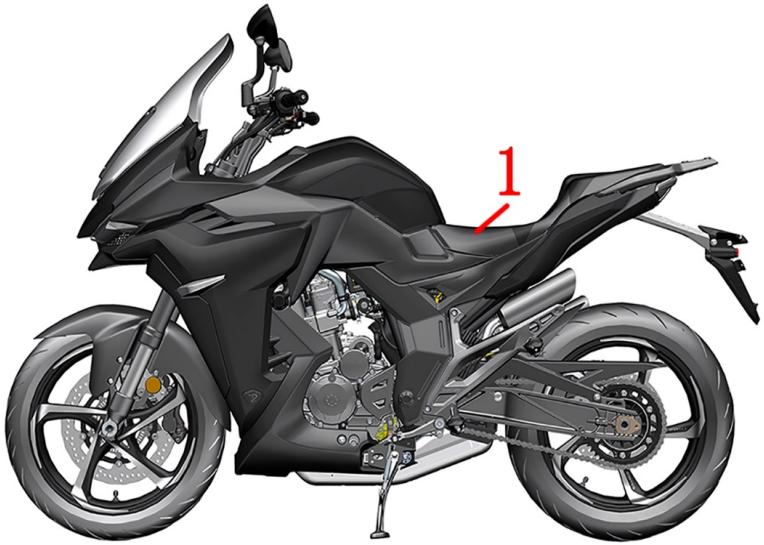
●Be careful not to overcharge the charging time. About the use and maintenance of the battery see the instructions.

●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.



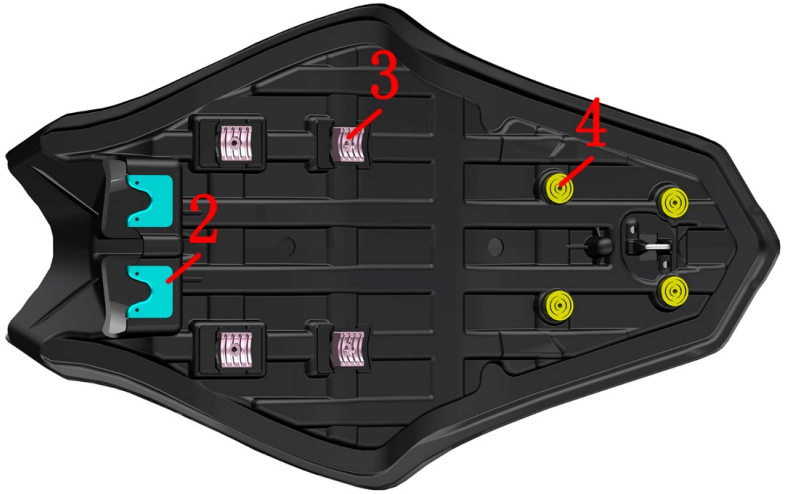


Fig.1 CUSHION COMPONENT		Cushion component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4120100-007000	ZT350 -X cushion	1	
2	1244100-024000	ZT250-S cushion front rubber	2	After-sale
3	1244300-033000	ZT350 cushion rubber	4	
4	1244100-025000	ZT250-S round cushion rubber	4	

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

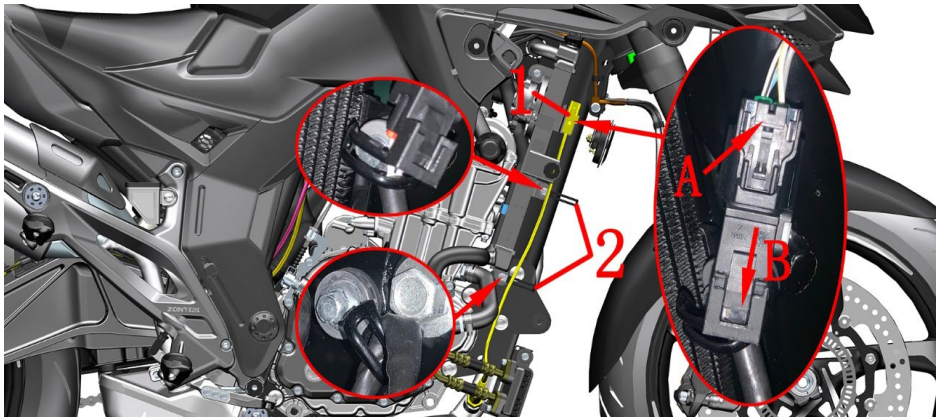
The corresponding installation position is shown in the lower left Figure.

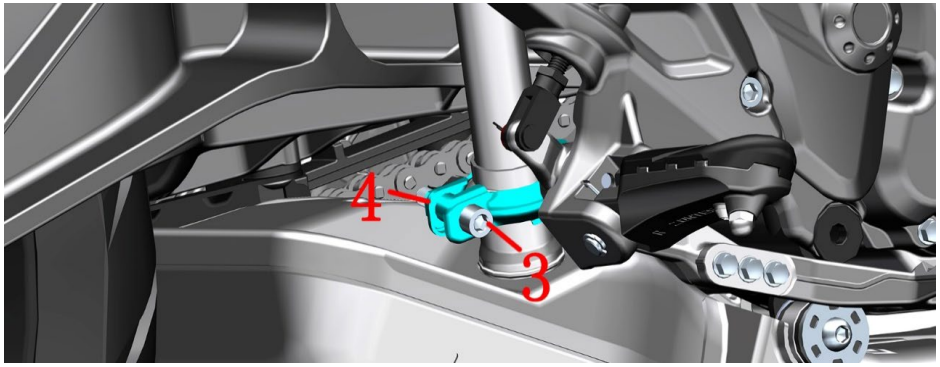
CAUTION:

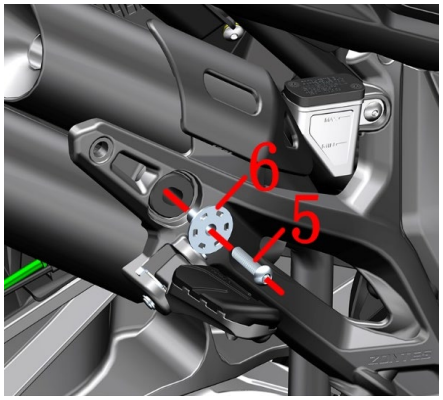
●The motorcycle should be fixed before operation.

●Cushion contains all cushion rubber and locks, bolts.

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







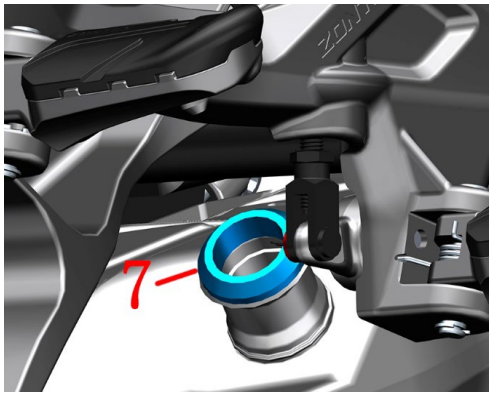


Fig.1 MUFFLER COMPONENT		Muffler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1050970-011000	LSF oxygen sensor(L=635mm)	1	
2	1276200-043000	φ6 wire clamp (L=57)	2	
3	1250205-133000	GB70.1M8×35(stainless steel A2－70)	1	
4	1274100-074000	ZT310-R Muffler stainless steel bar clasp	1	
5	1250205-145000	GB70.2M8×35（Stainless Steel A2－70）	1	
6	1251700-207000	ZT350-GK muffler stainless steel flanging bushing (φ9×φ12×20.5×φ9.1×φ33×1.5)	1	
7	1124300-004000	ZT350-GK muffler graphite gasket(37.8×28×11)	1	

PROCEDURE:

●The muffler component refers to the "front encirclement component" steps to remove the surround component and the underwritten hood component.

Put down the side frame.

The two threads shown in the figure are removed. Find the plug of the oxygen sensor in the upper part of the right guard, and press the buckle indicated by the A arrow in one hand to pull the plug into the direction of the arrow B.

●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.

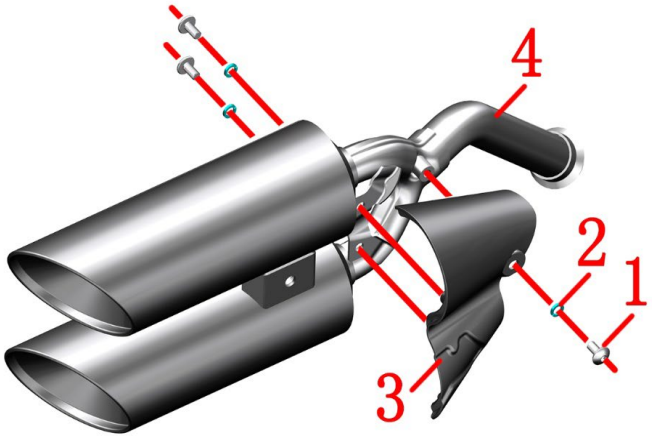
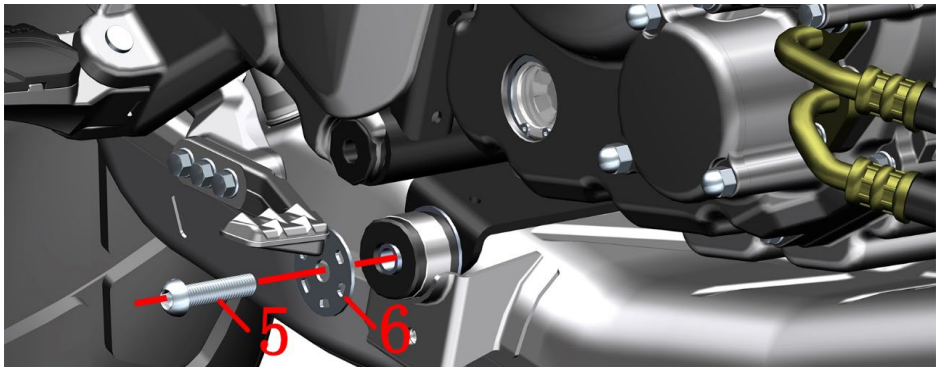
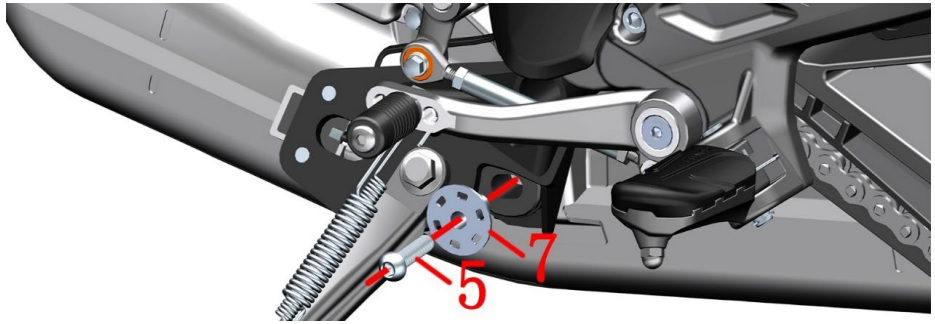


Fig.2 MUFFLER COMPONENT		Muffler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1250501-010000	GB93φ6 spring pad	3	
3	4084300-010051	ZT350－GK rear muffe decorative cover (dark gray matte)	1	
4	4084300-011051	ZT350－GK rear muffer(dark gray matte)	1	
5	1250205-133000	GB70.1M8×35(stainless steel A2－70)	1	
6	1251500-099000	ZT350-GK muffler stainless steel gasket (φ9.1×φ33×1.5)	1	
7	1251700-207000	ZT350-GK muffler stainless steel flanging bushing (φ9×φ12×20.5×φ9.1×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

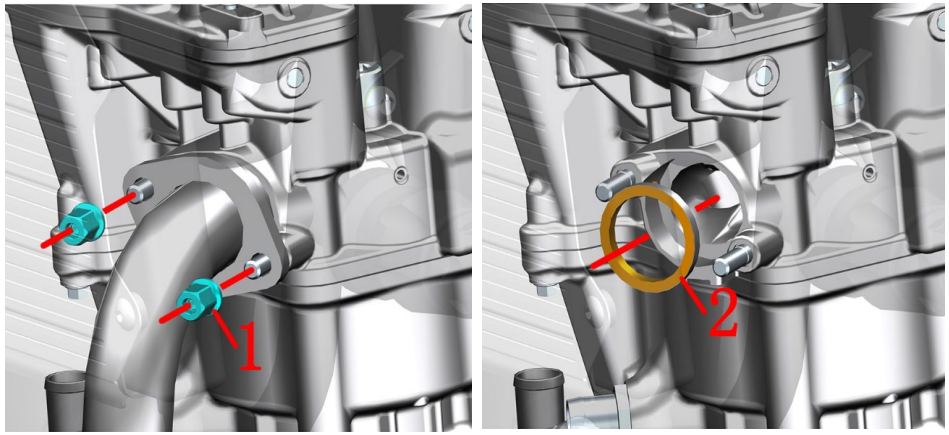
Using 6# inner hexagon socket remove bolt(5) at the right side of muffer,then take off the gasket(6).

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.



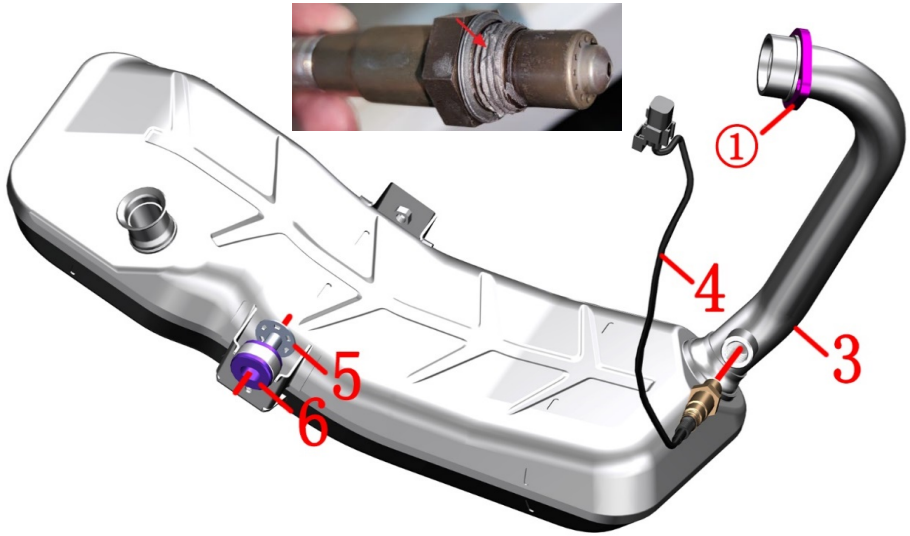


Fig.3 MUFFLER COMPONENT		Muffler component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-058093	Inner hexagonal nut M8 (color zinc)	2	
2	1070100-499000	ZT350-GK engine exhaust outlet seal	1	
3	4084300-012000	ZT350-GK-H2 front muffler (self-made/Europe Ⅴ /Bosch EFI version)	1	
4	1050970-011000	LSF oxygen sensor(L=635mm）	1	
5	1251700-207000	ZT350-GK muffler stainless steel flanging bushing (φ9×φ12×20.5×φ9.1×φ33×1.5)	1	
6	1244300-022000	ZT350-GK-H1 muffler suspension hollow cushioning rubber	1	

PROCEDURE:

●Muffer front assembly

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

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

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

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

●Oxygen sensor

Remove the oxygen sensor with an 22# open wrench.

Test method:

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

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

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

Assembly precautions:

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

Torque standard：44N.m.

CAUTION:

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

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

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

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