ZT350-R/R1 (EURO Ⅴ)

Service manual

2022/5/3

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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.

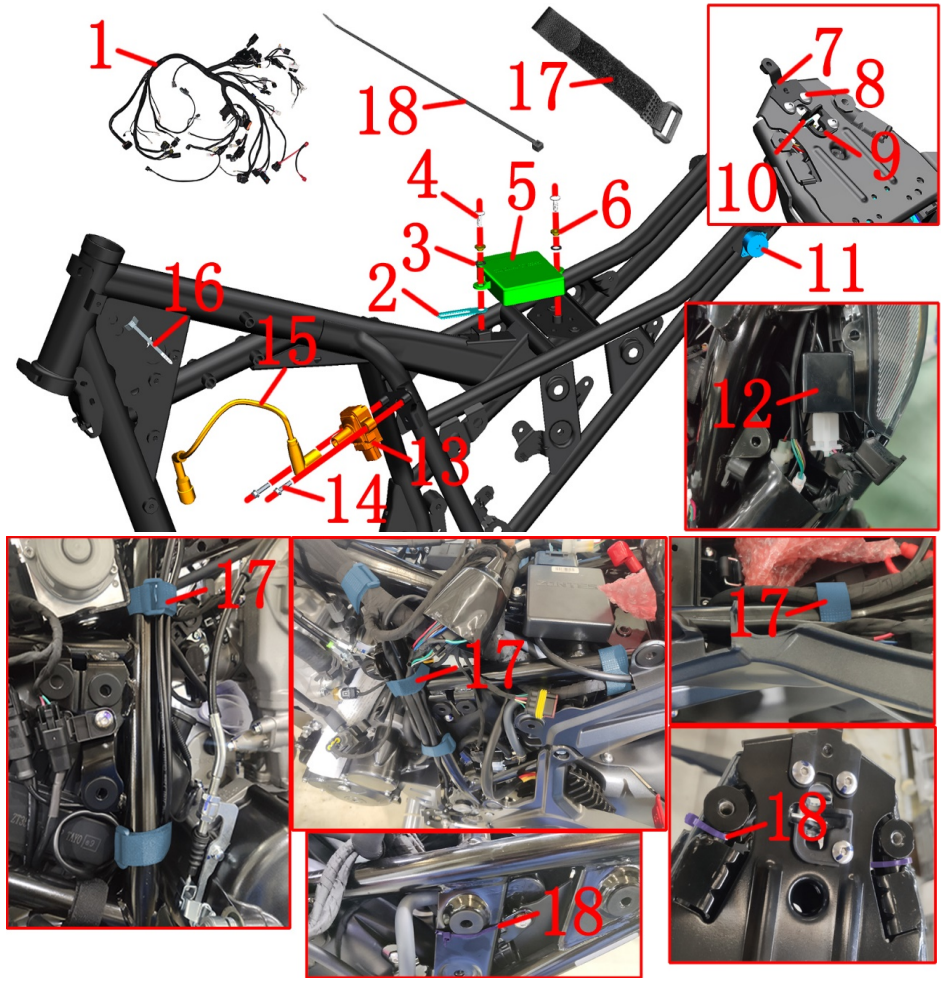


Fig.1 FRAME PARTS COMPONENT		Electronic parts COMPONENT-1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1184300-033000	ZT350-R wiring harness assembly-A	1	
2	1270300-273000	φ8 clip(L=73)	1	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
4	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
5	1184300-024100	2.5 Generation PKE Assembly (including induction key	1	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	2	
7	1274200-017000	ZT310-R support of tail light	1	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
9	1224200-205000	ZT310 electronic cushion lock block	1	
10	1274100-058000	ZT310 Electric seat lock	1	
11	1184200-016000	ZT310 PKE Buzzer	1	
12	1180300-101000	HJ150-3 square flasher (LED)	1	
13	1050958-006000	ZT350 lgnition oil body	1	
14	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	2	
15	1050958-007000	ZT350 EFI high voltage line	1	
16	1224100-030000	Pin tie (Black 4.8×130)	1	
17	1224300-110000	Reverse buckle Velcro strap (20×200mm)	7	
18	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	3	

CAUTION：

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

PROCEDURE:

●Main harness

Different plug-in methods are different, please unplug all the electrical components connected to the main thread according to the actual operation. It needs to use a word screwdriver, forceps, scissors and other tools to assist. The binding(3)can be picked out by using scissors.

●Flasher and dump switch

Remove the rubber sleeve that connects the flasher(12)to the mounting bracket on the frame.

●PKE

Using 4# inner hexagon socket remove the 2bolts(4),remove the bushing(6) and buffer rubber(3) and PKE(5) and clip(2).

●Ignition coil

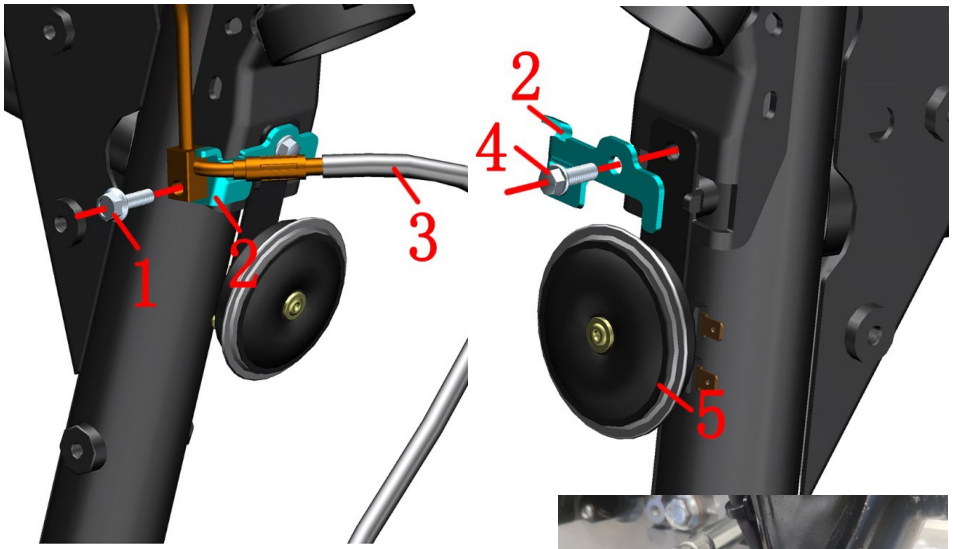
Remove the bolts(14) with 8# sleeve and remove the ignition coil(13) .

●Rear light holder、seat lock

Find and take off the plug of the seat lock , and cut off binding(18). Remove bolts (8),then remove the rear light holder(7),seat lock guide block(9) and seat lock(10).

●PKE buzzer

Remove the PKE buzzer (11). Clean up the remaining offset.



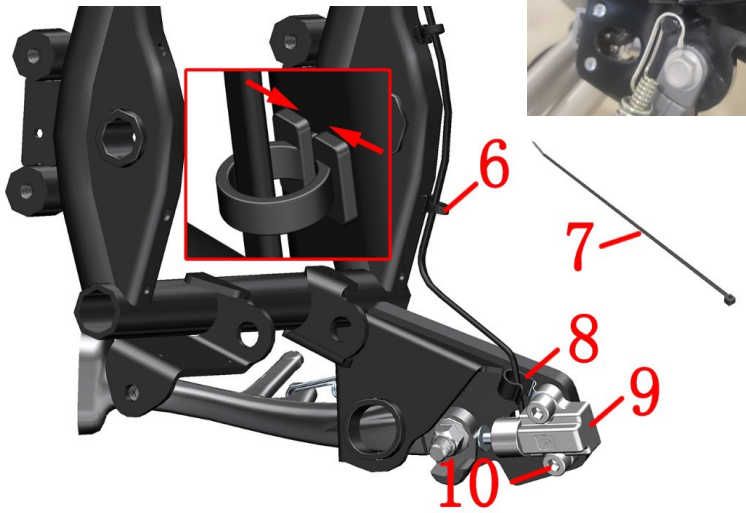


Fig.2 FRAME PARTS COMPONENT		Electronic parts COMPONENT-2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-138093	GB5789M6×20 (environmental color)	1	
2	1274300-065000	ZT350-VX front oil outlet pipe bracket	1	
3	1100100-814000	ZT350-R brake hose FC-HU segment	1	
4	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color Zinc)	1	
5	1184200-004000	ZT310 horn	1	
6	1274100-017000	ZT250-S cable buckle	2	
7	1224100-037000	Grade 0 flame retardant tie (black 3.6×295)	1	
8	1274100-095000	ZT250-S Flameout switch wire fixing bracket	1	
9	1184100-012000	ZT250-S shut down switch	1	
10	1250205-040095	GB70.1 inner hex bolt M8×16(color Zinc)	2	

PROCEDURE:

●Horn

Take off the plug of horn ,Remove the bolt (1) with 10# seelve and removebrake hose.Hold the horn(5) with one hand,remove the bolt(3) with 8#sleeve with the other hand ,remove the bracket(2) and horn(5).

●Flameout switch

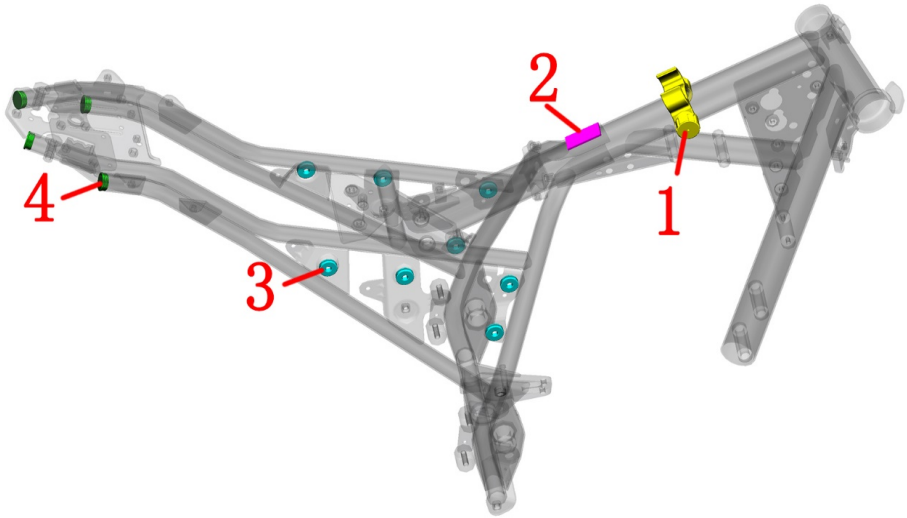
Find and take off the plug of the flameout swich(9); press and take off the clip(6) cut ribbon (7).Using the inner hexagon tool remove the bolts(10) , remove the bracket(8) and the flameout switch(9).

CAUTION：

●When Take off the plug①、②can't drag any cable.

●Attention the the strength and direction of force when removing cable clip.

●Can't overcharge the charging time. Please refer to the manual for details about tthe battery.



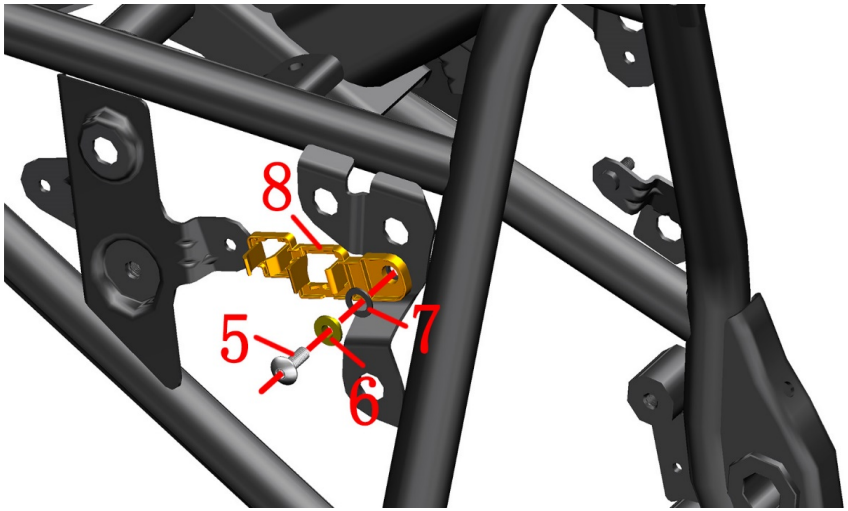


Fig.3 FRAME PARTS COMPONENT		Frame plastic parts	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-019000	ZT250-S fuel tank spacing glue	1	
2	1240300-007000	HJ125-6 Battery rubber gasket	1	
3	1244100-002000	ZT250-S Side cover round rubber	8	
4	1244100-061000	ZT250 anti-water rubber of frame	4	
5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

PROCEDURE:

●Inner fuel tank ficx glue cushion

Use both hands to hold the two ends cylinder parts of the inner fuel tank limited glue cushion(1)and should push it out.

● Side cover cushion

Remove the side cover cushion(3)with your hand directly.

●Frame waterproof rubber plug

Remove the frame waterproof rubber plug (4)with your hand directly.

●Battery cushion

Put off the battery cushion (2) directly by hand.

●Right wire harness holder

Using 4# inner hexagon socket remove the bolt(5),remove the bushing(6) and buffer rubber(7) and harness holder(8).

CAUTION：

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

●All parts should be correctly assembled.

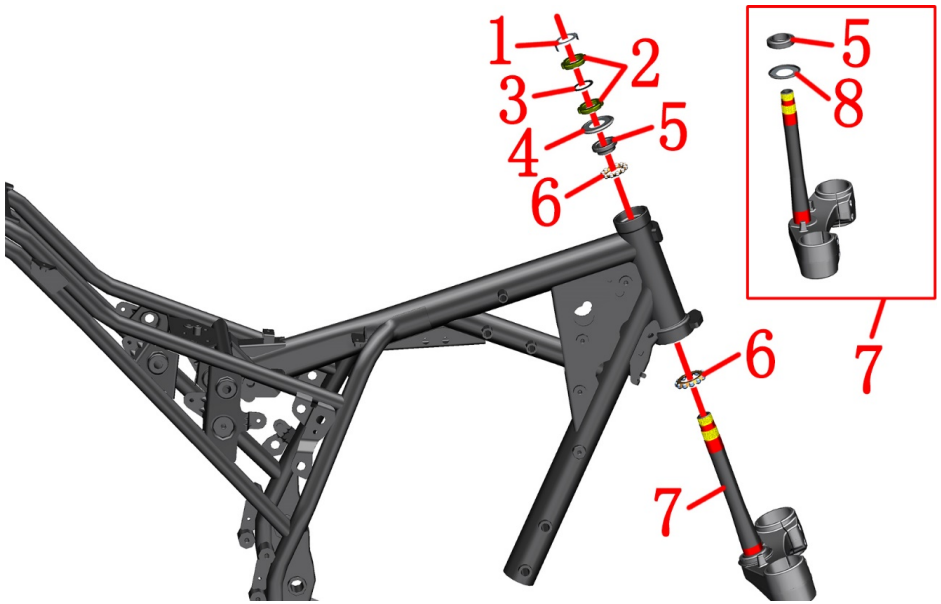


Fig.4 FRAME PARTS COMPONENT		Steering rack component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1134100-007000	ZT250-S Adjusting nut locking washer	1	
2	1251300-046093	ZT250-S direction column adjusting screw nut M24X1 (environmental color Zinc)	2	
3	1244100-015000	ZT250-S Adjusting nut rubber pad	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	2	
7	4094300-002051	ZT350-R lower connection Board (with bead top)	1	
8	1224100-006000	ZT250-S steering stem dust cap(down)	1	【1】

CAUTION：

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

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

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

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

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

●If you have the ability and the right tool, you can change the shaft ring (5) and the dustproof cover (8).During the replacement process, pay attention to the protection of the lower connected plate. After replacement, it must be to check the parallelism of the column and the damping hole, the vertical degree of the vertical column and the lower connected plate.

●【1】the down connected plate (selfmade/with blowout patch) component(7), has been contains the Steering column down dustproof cover(8).

PROCEDURE:

●Dissembly

Remove the lock washer(1).

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

Remove the rubber pad (3).

With one hand to hold down the down connected plate assembly (7), the other hand use a special four-jaw set or hook wrench to remove the adjusting nut(2).

Remove the down connected plate component(7).

Remove the upper dustproof cover(4).

Remove the axletee ring (5) of the upper riser and the steel ball(6).

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

●Assemble

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

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

The top adjusting nut only needs to rotate to the bottom of the nut groove alignment, not too tight to prevent the rubber pad (3) from deformation too large.

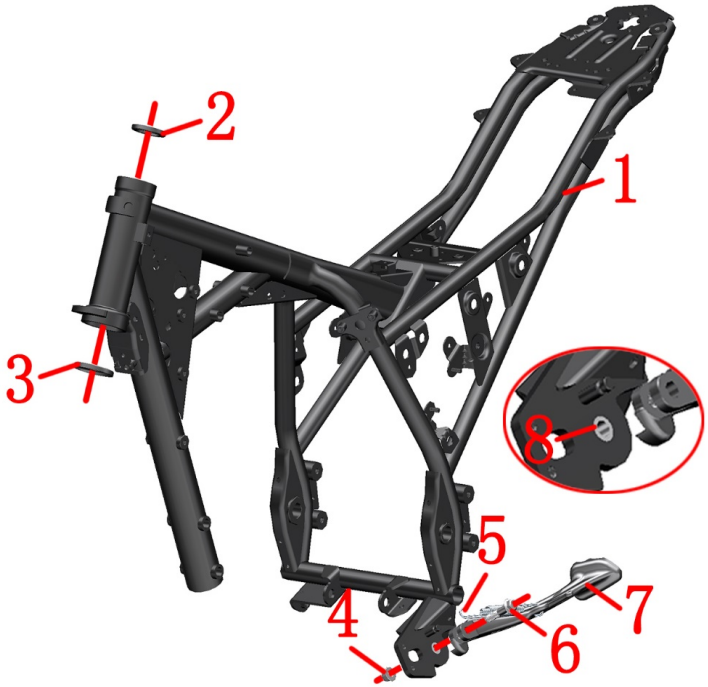


Fig.5 FRAME PARTS COMPONENT		Frame, Side support, the operation of releasing engine oil	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4014300-002000	ZT350-R frame after-sales assembly(including seat/310	1	
2	1130900-026000	ZT250-S upper steel bowl	1	【1】
3	1134300-001000	ZT350-R lower seat ring	1	
4	1251300-057093	Non-standard nut M10×1.5(Dacromet)	1	
5	1264100-001000	ZT250-S side stand spring	1	
6	1251100-088094	Non-standard bolt M10×1.5×43(Dacromet)	1	
7	1271200-165000	ZT310-T side bracket (short/dark gray)	1	
8	1251700-025091	ZT250-S side stand sleeve	1	

PROCEDURE:

●Checking the cushion loop

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

●Sider support

Use the cross screwdriver to remove the side support spring(5), and guard against the personal injury caused by spring contraction, remove the nuts(4) and bolts(6) with the appropriate tools. Remove the side support(7) and bush(8), paint the lubricating grease on the bush(8) when re-assembling ,then put it into the frame(1).

CAUTION：

●Remove the wind deflector component, handle bar component, steering column component first.

●Paint the lubricating grease on the cushion ring to decrease the rotary resistance of front forklift.

●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.

●Pay attention to safety when mounting side support spring.

●All parts should be correctly assembled.

●【1】the frame after-sales component contains fix loop and nameplate.

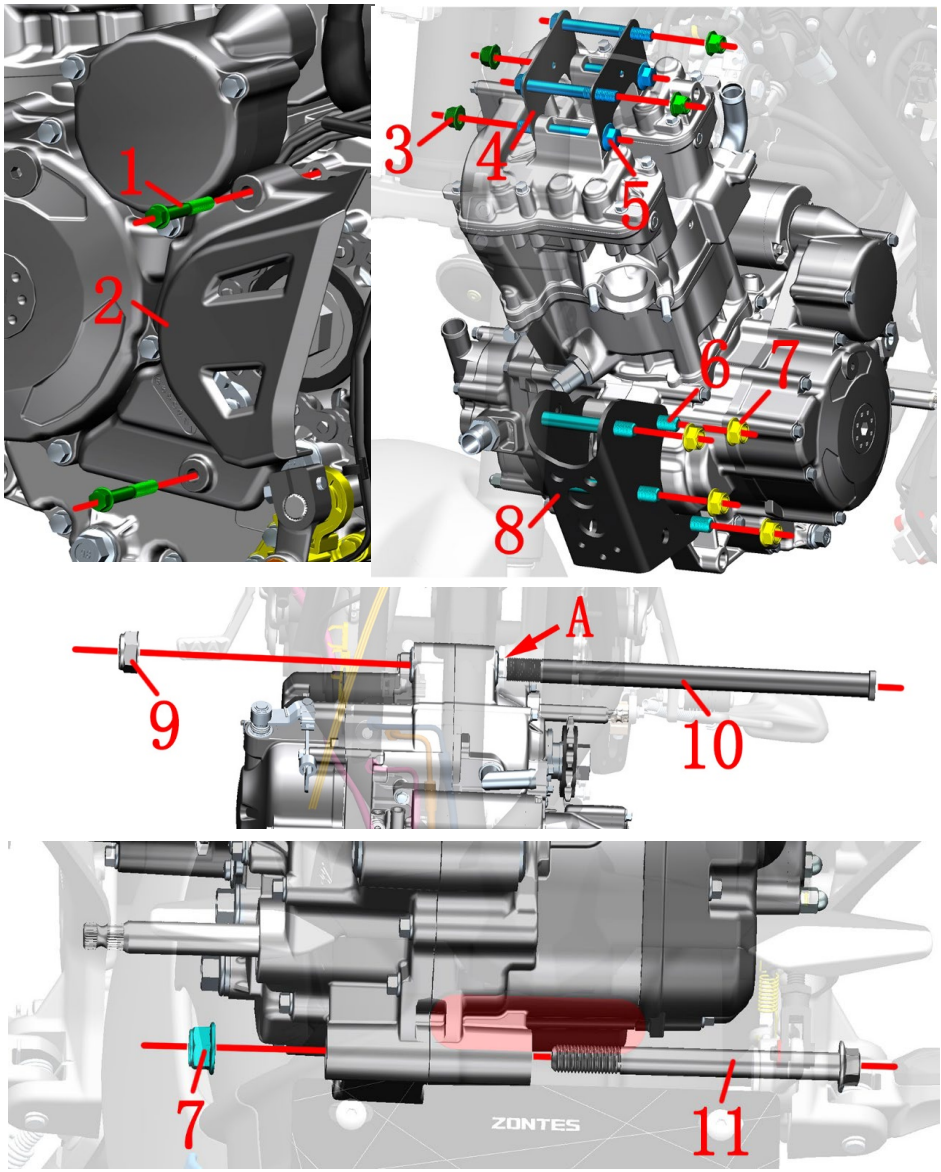


Fig.1 FRAME & ENGINE COMBINATION		Engine combination	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-003093	M6×45 hexagon flange face 9.8 bolt (color zinc)	2	10N.m
2	4050854-002051	ZT310-R engine left rear cover (dark gray)	1	
3	1251300-057093	Non-standard nut M10×1.5（dacromet）	4	65±5N.m
4	1274300-082000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

PROCEDURE:

●Engine left rear cover

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

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

Using 14# sleeve fix the head of the bolt (5) at the upper hanging piece, and using 14# plum wrench remove the nut (3). Only disassemble the nut and other parts cannot be disassembled.First Using 14# sleeve fix the head of the bolt (6) at the bracket(8), then using 17# plum wrench remove the nut(7).Using 14# sleeve fix the head of the bolt (11) at the lower part of the engine , and using 17# plum wrench remove the nut(7). Don't remove the bolts(5) 、(6)、(11)、Upper hanging piece (4).

●Disassemble the engine

First using 24# open ended spanner fix the head of the rear fork shaft (10), and using 30# plum wrench remove the nut(9).One person shakes the rear fork assembly slightly and one pulls the rear fork shaft(10) to "A" .Both of them hold the engine left and right crankcase at the same time; one person disassembles the bolts(5) , take out the hanging piece(4).Disassemble the bolts (6) and brackets(8) above the front bracket.Finally remove the bolt(11) at the lower part of the engine. Hold the engine to move to one side and pay attention to safety during the movement. Place the engine smoothly on the ground.

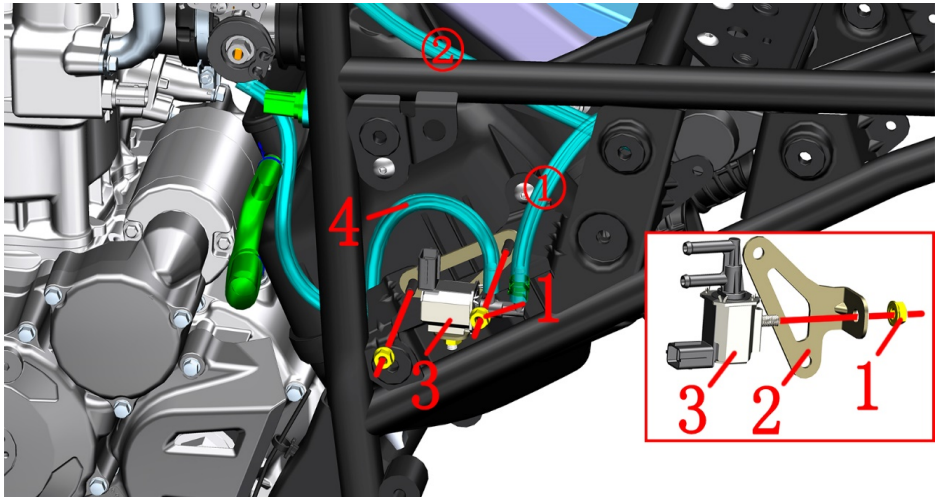
CAUTION：

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

●The coolant should be drained before disassembly.

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

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



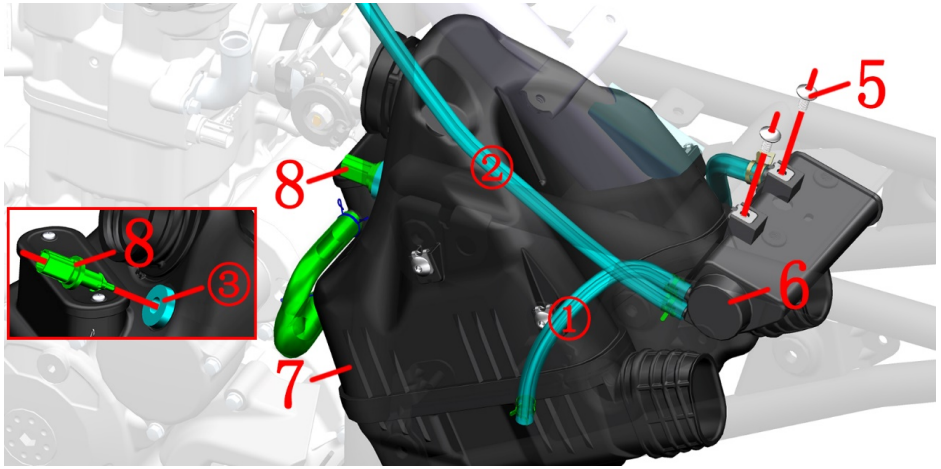


Fig.1 INDUCTION SYSTEM COMPONENT		Maintain the filter element of the air filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6（color zinc）	3	
2	1274300-038000	ZT350－R electromagnetic valve bracket	1	
3	1050954-009000	YH Carbon tank electromagnetic valve	1	
4	1050958-015000	ZT44 Throttle Valve Decoupling Rubber Tube (Φ6×Φ10×420+Φ9clip×2)	1	
5	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
6	1224300-069000	ZT350－R Carbon tank(with fuel conduit)	1	
7	1224300-002000	ZT350－T Air filter	1	
8	1050961-004000	Air filter intake air temperature sensor	1	

PROCEDURE:

●Air filter intake air temperature sensor

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

●Carbon tank electromagnetic valve

Find and remove the Carbon tank electromagnetic valve plug.

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

●Carbon tank

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

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

●Check whether the temperature sensor is damaged

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

●check the carbon canister solenoid valve

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

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

CAUTION:

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

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

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

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

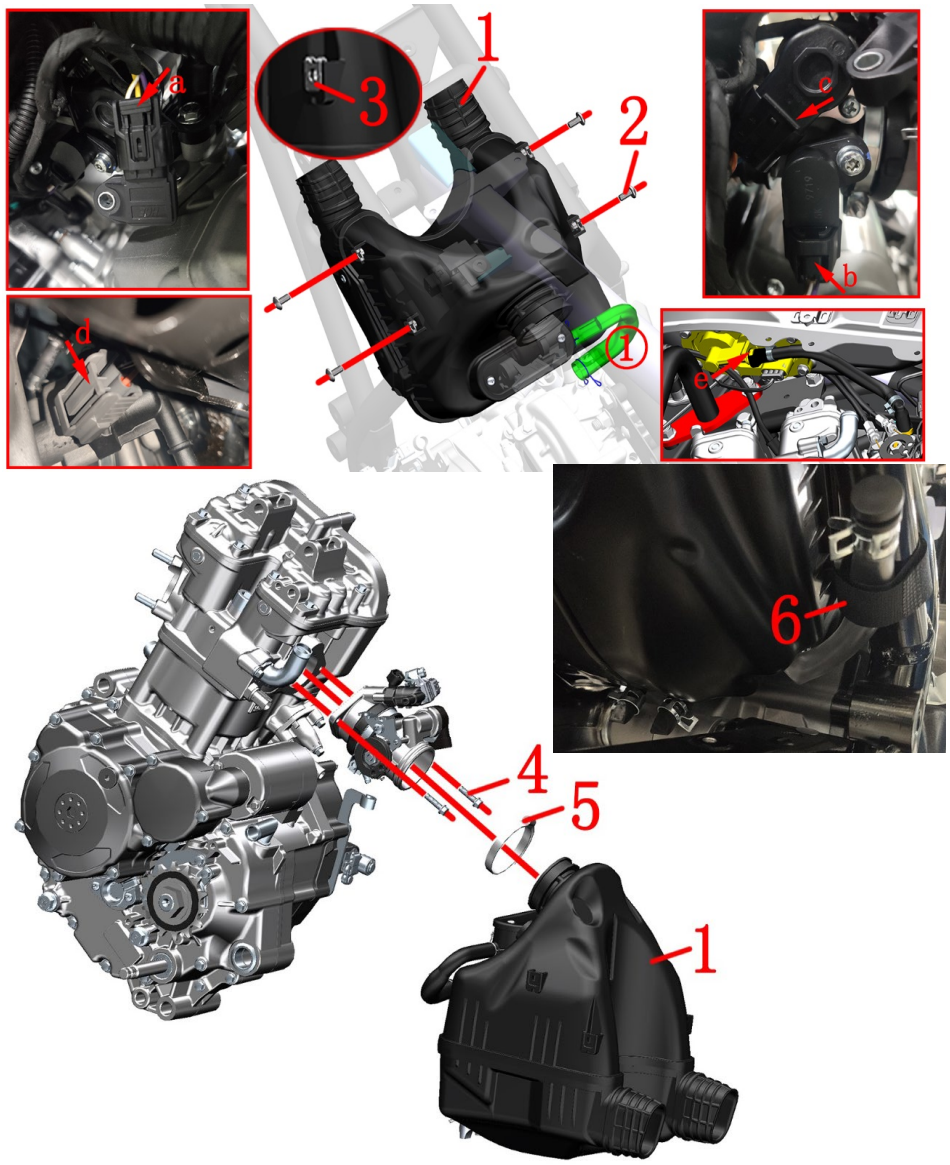


Fig.2 INDUCTION SYSTEM COMPONENT		The air filter assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-002000	ZT350－T Air filter	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
3	1251300-063093	Plywood M6×11×15（Environmental protection）	4	
4	1251100-061093	M6×22 Hexagon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

PROCEDURE:

Press the snap pointed by the arrow "a","b","d" and pull out the plugs of External intake air pressure sensor、Fuel injector.Press the snap pointed by the arrow "c" and pull out the stepper motor connector.Press "e" the clip pointed by the arrow and pull it out,use the same method at the other side.Remove the high pressure tubing. Remove the strap(6).

●Air filter

Loosen the hose clamp assembly (5) come with the air filter, clamp the clamp come with the exhaust pipe with pliers and pull out the exhaust pipe connected to the exhaust port of the engine, and then use the rubber plug that was delivered with the bike. Plug it well to prevent foreign matter from entering and damaging the engine.

Using 4# inner hexagon socket remove the bolt(2), Air filter(1) and splint nut (3).

●Throttle valve assembly

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

Using 8# sleeve to remove the bolt (4) and remove the throttle valve assembly.

●Check whether the external intake pressure sensor is damaged

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

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.

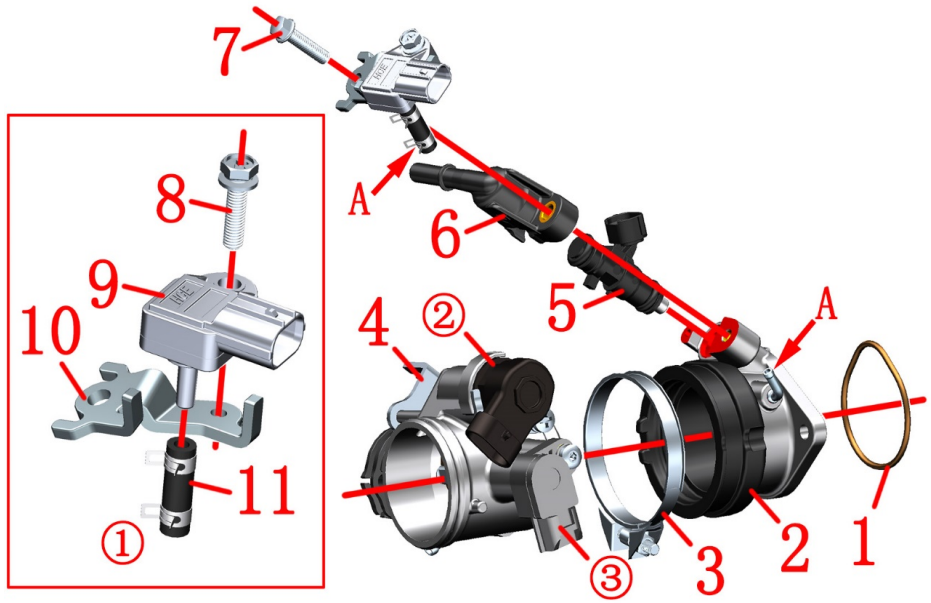


Fig.3 INDUCTION SYSTEM COMPONENT		Throttle valve body component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1051454-016000	45×2.5 Fluorine rubber O-ring	1	
2	1050958-003000	ZT184 MP Intake pipe assembly	1	
3	1051354-004000	Φ56×10 Hoop assembly	1	
4	1050958-001000	ZT44 Throttle body part component (position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

PROCEDURE:

●Throttle valve body assembly

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

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

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

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

●External intake air pressure sensor

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

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

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

●Check whether the stepping motor② is damaged

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

●Check whether the throttle position sensor ③ is damaged

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

●Check whether the fuel injector is damaged

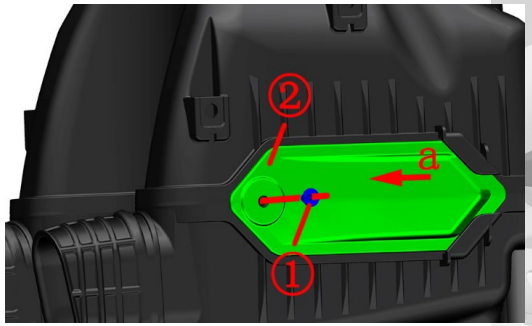
Remove the manifold without loosening the plug of electrical parts. Press the ignition button to check whether the two beams of oil mist emitted by the fuel injector are uniform.

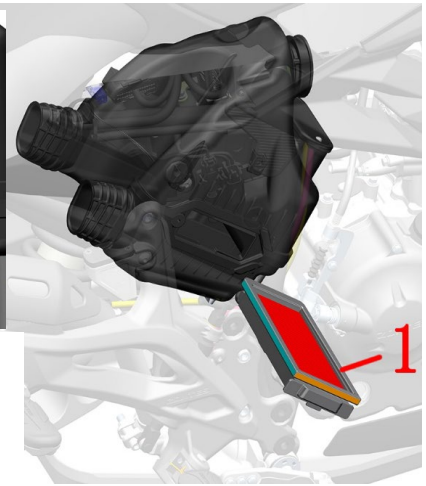
CAUTION:

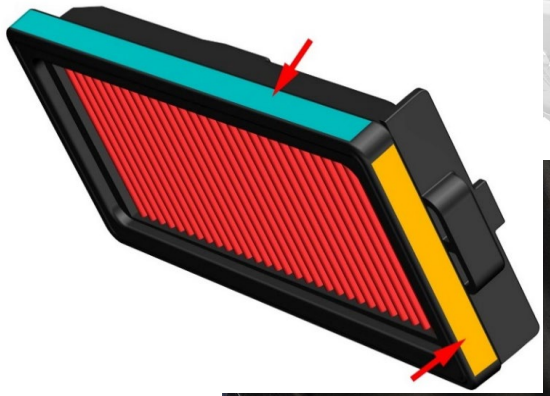
●Pay attenion to force when removing clamp.

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

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







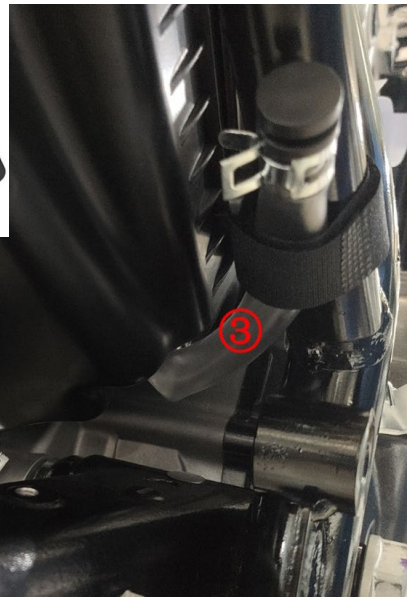


Fig.4 INDUCTION SYSTEM COMPONENT		Replace air filter element	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4134300-003000	ZT350－Tair filter core (with carton packaging)	1	

ROCEDURE:

●Filter element

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

●Oil pipe and water pipe

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

CAUTION:

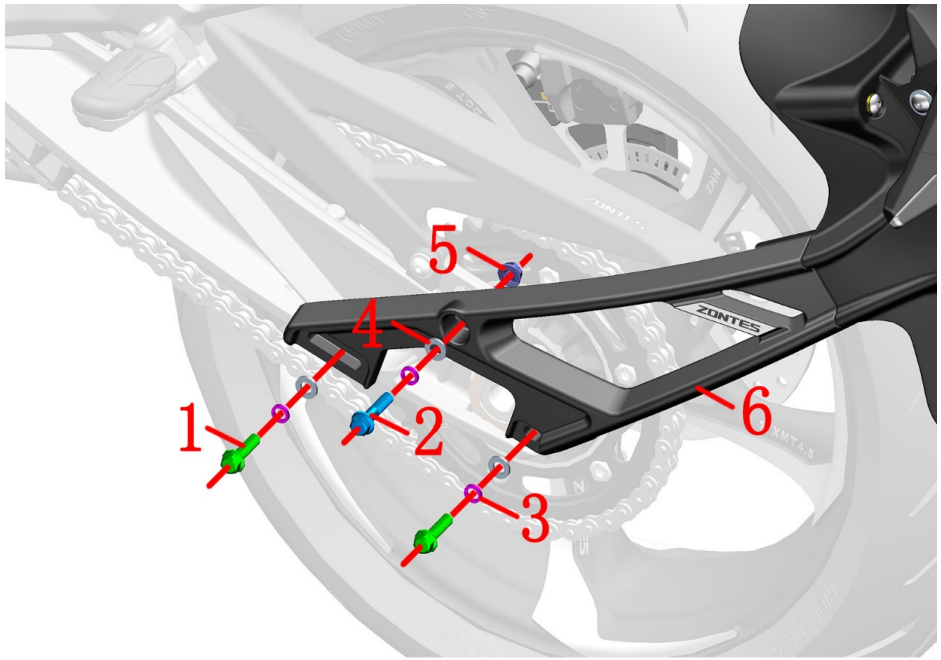
●First remove the side cover and remove the cable.

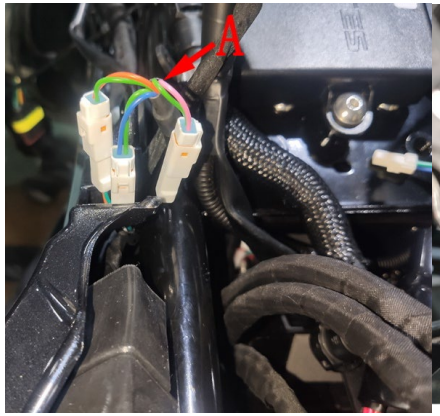
●Regularly check whether the filter element of the carbon tank and air filter is not ventilated, otherwise it may cause the oil supply to affect the driving experience.

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

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

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





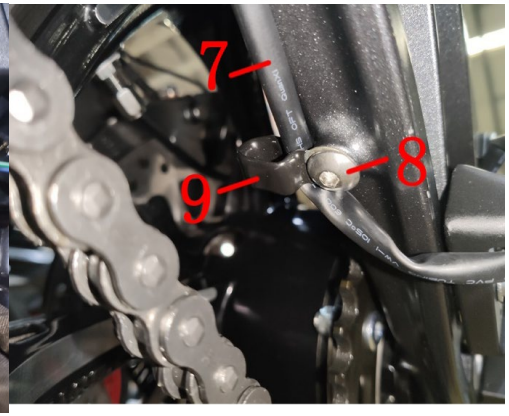


Fig.1 REAR WHELL COMPONENT		Rear sub-mud assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250105-149093	GB5789M8×30 (environmental color)	2	
2	1250105-143093	GB5789M8×35 (environmental color)	1	
3	1250501-007093	GB93 φ8 (environmental color)	3	
4	1250503-021093	GB97.1φ8 (environmental color)	3	
5	1250303-011093	GB6177.1M8(color Zinc)	1	
6	4024300-002021	350-R rear auxiliary mud plate aluminum alloy bracket	1	
7	1184200-030000	ZT310-R adapter cable of vice fender(L=2000)	1	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
9	1274100-095000	ZT250-S Flameout switch wire fixing bracket	1	

PROCEDURE:

●Rear auxiliary mud board assembly

Locate the 3 plugs shown in the plug-in plug A.

After fixing the nut (5) with 13# plum wrench, remove the bolt(2) at the arrow indication with 12# sleeve, and remove the spring washer(3) and the flat washer(4) and the nut(5).

After holding the rear sub-slab assembly, remove the 2 bolts(1) with 12# sleeve and remove the spring washer(3) and the flat washer(4), respectively.

Using 4# inner hexagon socket remove the bolts(8),remove the fixed support (9).

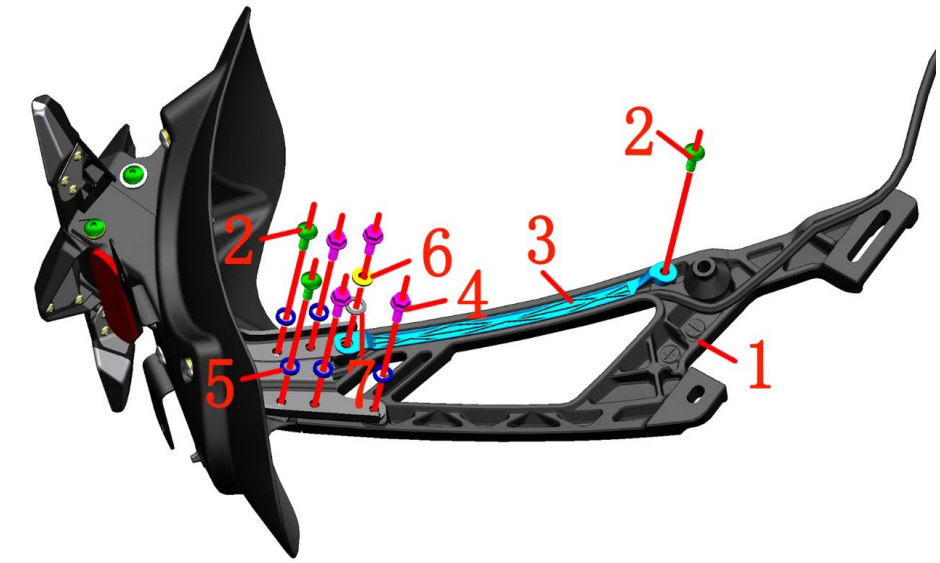
Remove the sub-mud switch cable(7) and the rear sub-mud assembly.

CAUTION:

●The seat cushion, left side cover, etc. must be removed in advance.

●Do not pull the cable hard when removing the sub-mud switch.

●When reassembling, make sure that the torque of the three M8 bolts reaches 35N.m, and you need to apply the thread fastening glue first. Before tightening the bolts, check that there is any pressure on the wires to prevent short circuits when tightening the bolts.



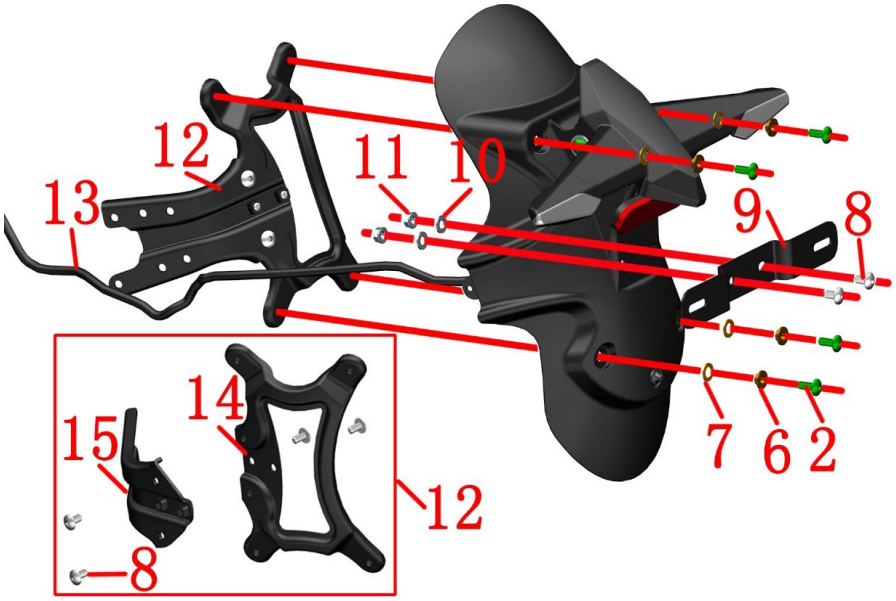


Fig.2 REAR WHELL COMPONENT		Rear sub-mud assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-091000	ZT310-R rear mudguard fender	1	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	7	
3	1224300-007000	ZT350-R rear auxiliary fender fender	1	
4	1250105-137093	GB5789M6×16 (environmental color)	4	
5	1250501-007093	GB93φ8 (environmental color)	5	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	5	
7	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	5	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	6	
9	1270300-039000	HJ125-6 rear license plate bracket	1	
10	1250503-021093	GB97.1φ8 (environmental color)	2	
11	1250303-010093	GB6177.1M6 (environmental color)	2	
12	4024200-102000	ZT310-R rear sub-plate iron bracket (Improvement)	1	
13	1184200-030000	ZT310-R sub-mud board adapter cable (L=2000)	1	
14	4024200-036000	ZT310-V rear auxiliary fender iron support rear section	1	after-sale
15	4024200-101000	ZT310 rear auxiliary fender iron support front section	1	

PROCEDURE:

●Retaining plate

Using 4# inner hexagon socket and 10# sleeve remove the bolts(2)and (4), remove the flange bushing (6) the rubber pad(7), and finally remove the retaining plate(3).

●Aluminum alloy bracket

Using 4# inner hexagon socket and 10# sleeve remove the 2 pcs of bolt(2) and 3 pcs of (4)， then remove 5 pcs of spring washer(5).

●Back license plate bracket assembly

Using 4# inner hexagon socket and 10# sleeve remove the bolt(8) and nut(11) at the license bracket(9) and remove the license bracket(9)and gasket(10).

●Rear auxiliary mud plate iron bracket

Hold the rear turn signal assembly,using 4# inner hexagon socket remove the bolt(2), and remove the flange bushing(6) and rubber pad(7). Remove the rear sub-mud iron bracket(12)and rear turn signal assembly.

CAUTION:

●Do not pull the cable hard when removing the sub-mud switch.

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

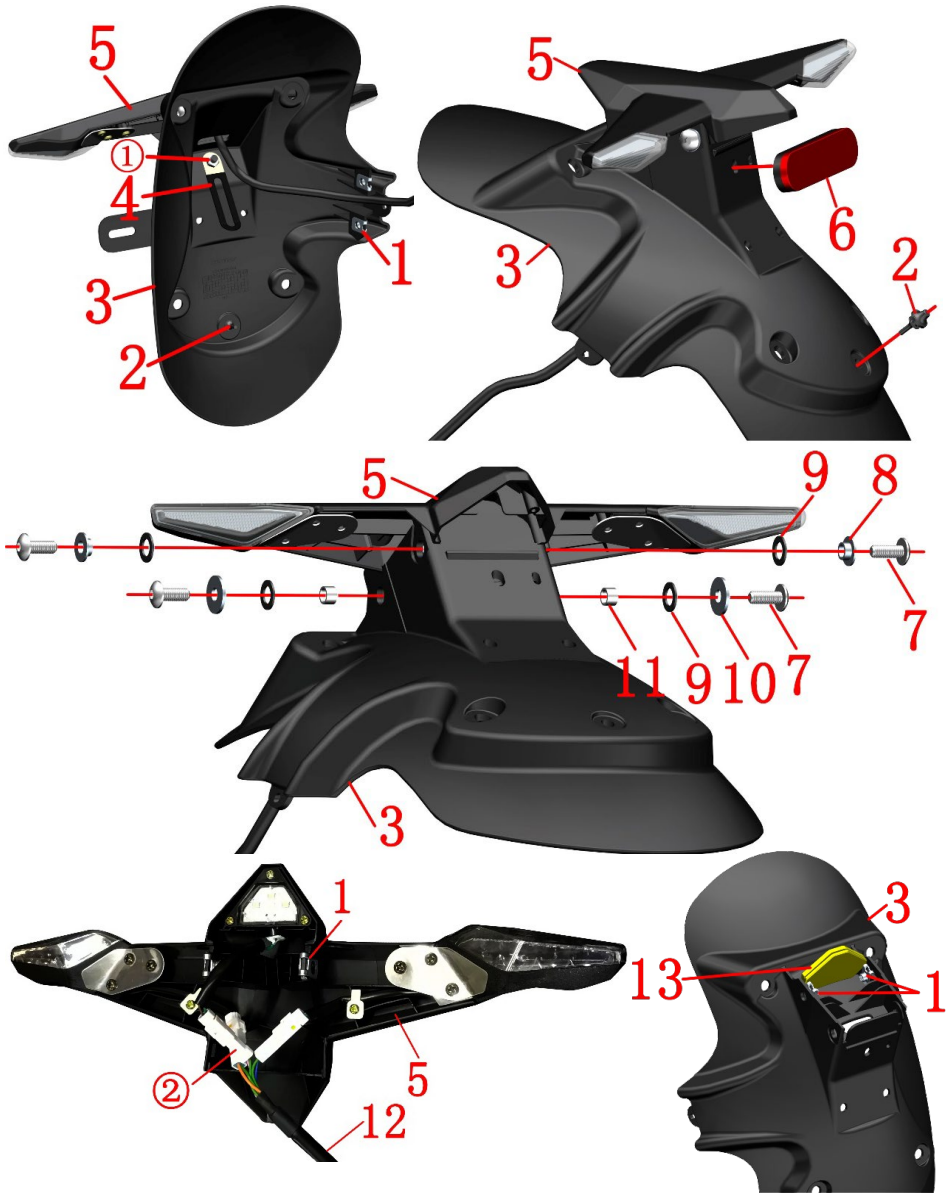


Fig.3 REAR WHELL COMPONENT		Rear sub-mud assembly 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-063093	Splint M6×11×15 (environmental color)	6	
2	1244100-006000	ZT250-S rear license plate cushioning rubber	1	
3	1224200-091000	ZT310-R rear Associate fender	1	
4	1270300-273000	Φ8 line clamp (L = 73)	1	
5	1174200-035000	ZT310 rear turn light (including license plate light)	1	
6	1174100-002000	ZT250-S rear reflector	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	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	4	
10	1250502-010093	GB96.1φ6 (environmental color)	2	
11	1274100-018000	ZT250-S muffler anti-scalding bushing	2	
12	1184200-030000	ZT310-R Associate fender transfer cable (L = 2000)	1	
13	1244200-082000	ZT310 Rear auxiliary mud board retaining rubber plug	1	

PROCEDURE:

●Back reflector, license plate cushion rubber

Flip to the back, remove the nut① that comes with the rear reflector(6), remove the clamp(4) and the back reflector. Remove the plate cushion rubber(2) and remove the 2 plywood nuts(1) on the back of the rear mudguard fender(3).

●Steering lights, fender sub-assemblies

Remove the bolts(7)on the left and right sides, and remove the flange bushing (8), cushion rubber(9), anti-scalding bushing (11) and gasket(10). Disassemble the turn signal and fender subassembly. Note that the sub-mud switch cable(12)cannot be forcibly pulled.

●fender sub-assembly

Remove the 2 plywood nuts(1) and retaining rubber plug(13) from the fender subassembly(3).

●turn signal subassembly

Remove the 2 plywood nuts(1) from the turn signal(5). Remove the 3 joints of② and remove the sub-mud switch cable(12).

CAUTION:

●Do not pull the cable hard when removing the sub-mud switch.

●When reassembling, check if there is any pressure on the wire to prevent it from tightening. Short circuit caused by bolts. Pay attention to the lamp connector, do not insert the wrong, turn left Green + orange; right turn signal is green + blue; license plate light is green + pink.

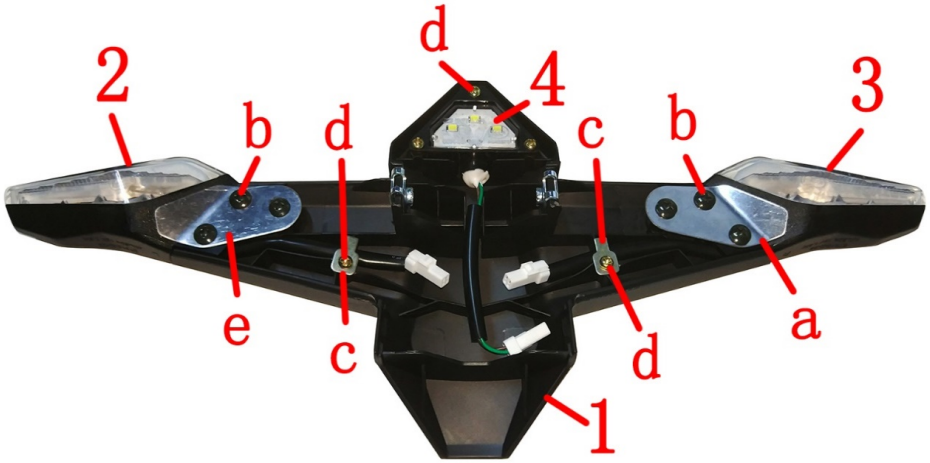


Fig.4 REAR WHELL COMPONENT		Rear turning light parts for after sales service	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-120000	ZT310 rear turning light holder	1	
2	1174200-019000	ZT310－X L, rear turning light	1	
3	1174200-020000	ZT310－X R, rear turning light	1	
4	1174200-021000	ZT310－X license lamp	1	

PROCEDURE:

●Rear turning light（license lamp included）

Grip the rear turning light holder(1) then disassemble bolts "d" on the license lamp(4).

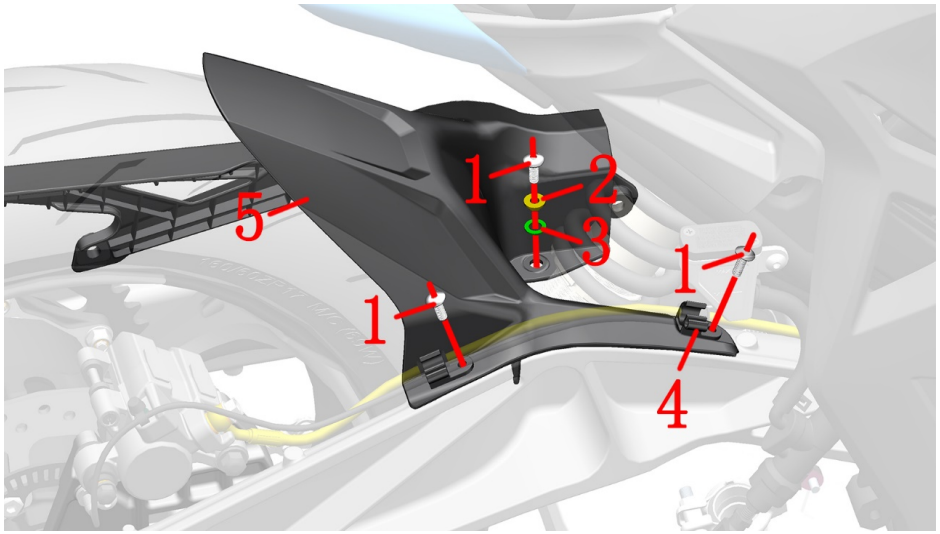
Disassemble bolts "b" and "d" on the diagram left side, and then dismantle left press line plank of "e" and press line plank "c", dismantle the L, rear turning light(2) ;follow the steps above dismantle right press line plank of "a" and press line plank "c".

CAUTION:

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

ZT310－X L, rear turning light

ZT310－X R, rear turning light



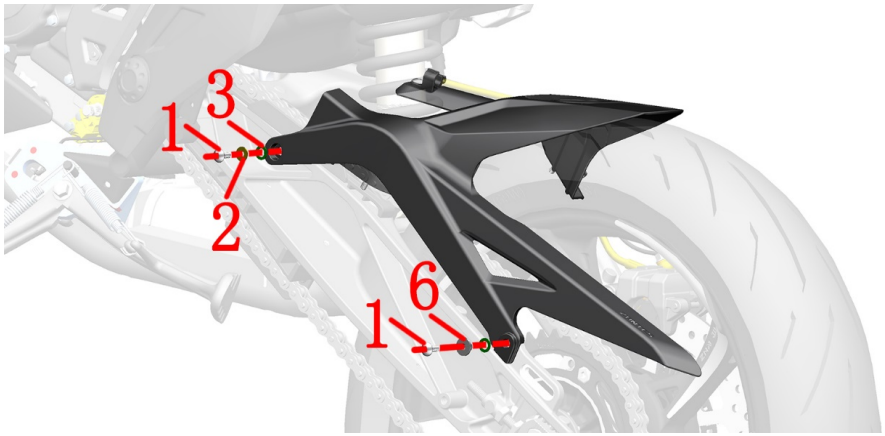


Fig.5 REAR WHELL COMPONENT		Rear inner mudguard	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard Bolt M6×16（SS）	5	
2	1274100-057095	Bush φ6.2×φ8.4×3.5＋φ14×1.5	2	
3	1244100-052000	Gum cushion, bush（φ8.5×φ14×1）	3	
4	1224200-003000	ZT310－Z rear disc brake oil tube cleat	2	
5	1224300-048000	ZT350-R rear inner mud plate	1	
6	1251700-059093	Bush φ6.4×φ9×8＋φ18×2（environmental color-zinc）	1	

PROCEDURE:

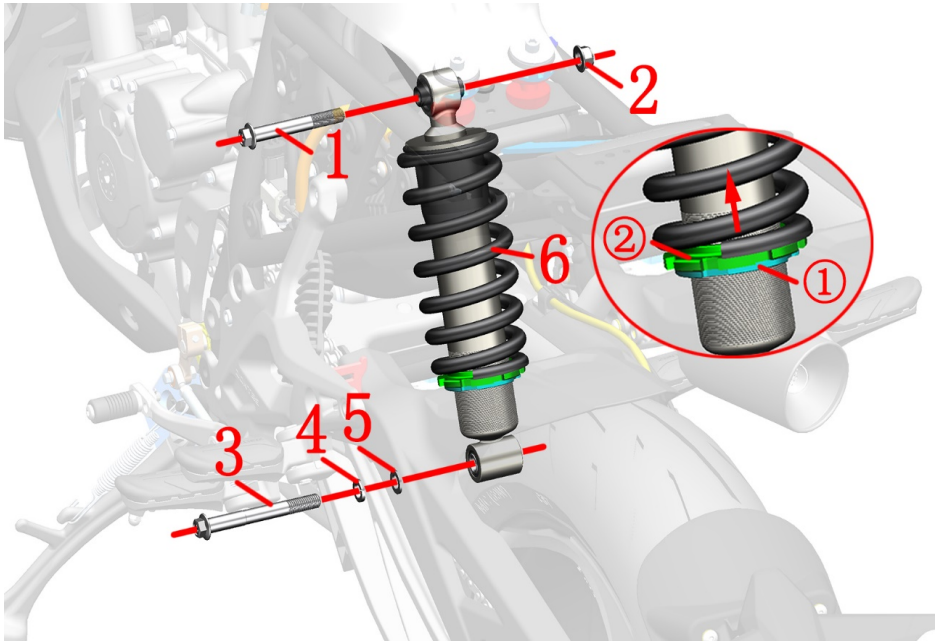
●Rear inner mudguard

Using 4# inner hexagon socket remove the 5 bolts(1) , disassemble bush(2) and bush(6); gum cushion(3); finally take off the rear inner mudguard(5).

CAUTION:

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

●Stay alert during the manipulation and avoid accident.



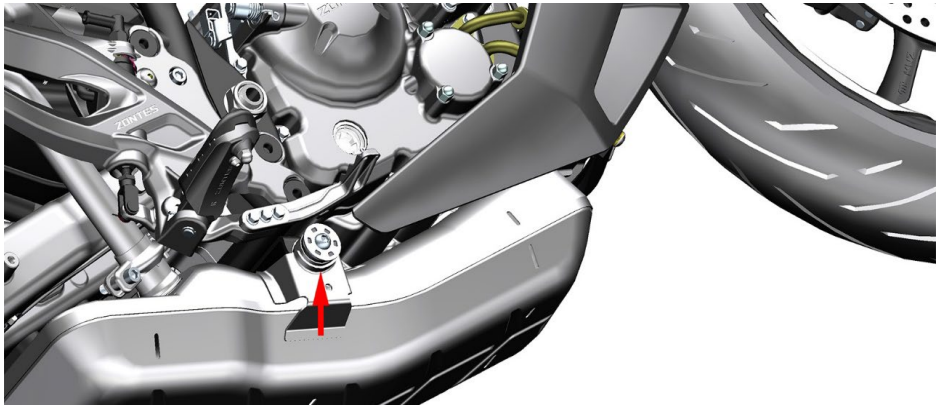


Fig.6 REAR WHELL COMPONENT		Rear shock absorber	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-019000	GB5187 non-standard bolt M12×1.25×85	1	
2	1250305-009091	GB6187.1 M12×1.25(White Zinc)	1	
3	1251112-017000	GB5187 non-standard bolt M12×105	1	
4	1250501-016000	GB93φ12 spring pad	1	
5	1251500-001097	Non-standard flat pad φ12×φ20×2 (chrome plated)	1	
6	1114300-008000	ZT350-GK rear shock absorber	1	

PROCEDURE:

●Rear shock absorber

Put down side stand. Person 1: Turn the handling bar to left end with left hand; hold tight the rear pedal with right hand and lean the motorcycle to left side. Person 2: support the motorcycle with a wooden stool from right side of motorcycle at the muffler installation point(see left lower photo) to lift the rear wheel a little bit from the ground. After supporting the whole vehicle, one person presses the head of bolt (1) with 14# sleeve and the other person removes nut (2) with 17# sleeve. Then remove bolt (3) with 14# sleeve and take down spring washer (4) and flat washer (5).

Person 1 hold firmly the motorcycle. Person 2 lift the rear shock absorber(6) towards the arrow direction and drag out bolt(1). Take off the rear absorber at last.

●Adjust the rear absorber

Use 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.

●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:

●Disassemble seat, L,side cover, R, side cover, bolts on front parts of rear cover and rear inner mudguard.

●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.

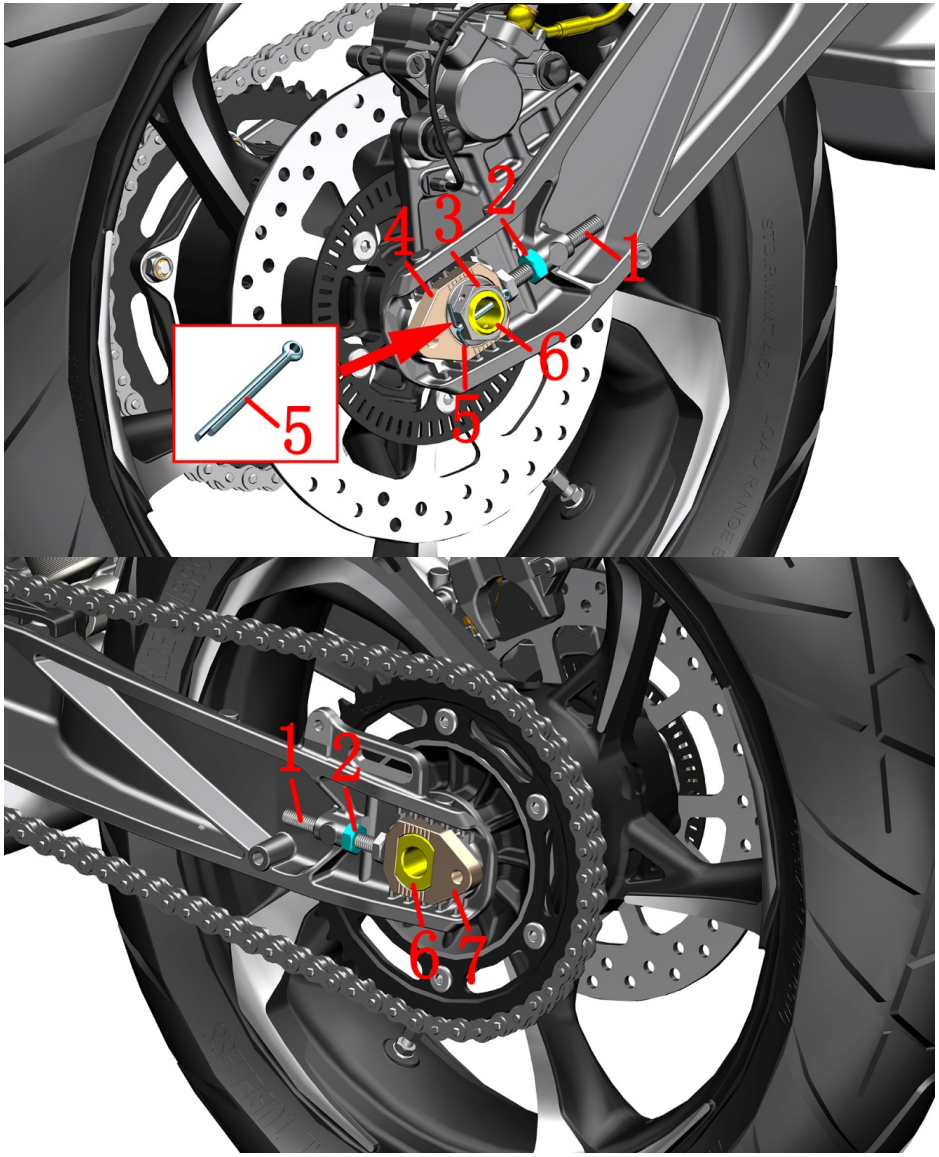


Fig.7 REAR WHELL COMPONENT		Rear wheel component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-105000	ZT310-R chain adjuster bolt M10×70	2	
2	1251300-050000	ZT310-R chain adjuster bolt M10 (304 stainless steel)	2	
3	1251300-087000	ZT350 rear wheel hollow shaft nut(M25)	1	110N.m
4	1274300-015051	ZT350 right 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 Left 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.8 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# wrench.Remove sprocket(5) and bolt(6) from sprockeseat(4).

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

●Fault detection of sprocket seat

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

CAUTION:

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

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

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

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

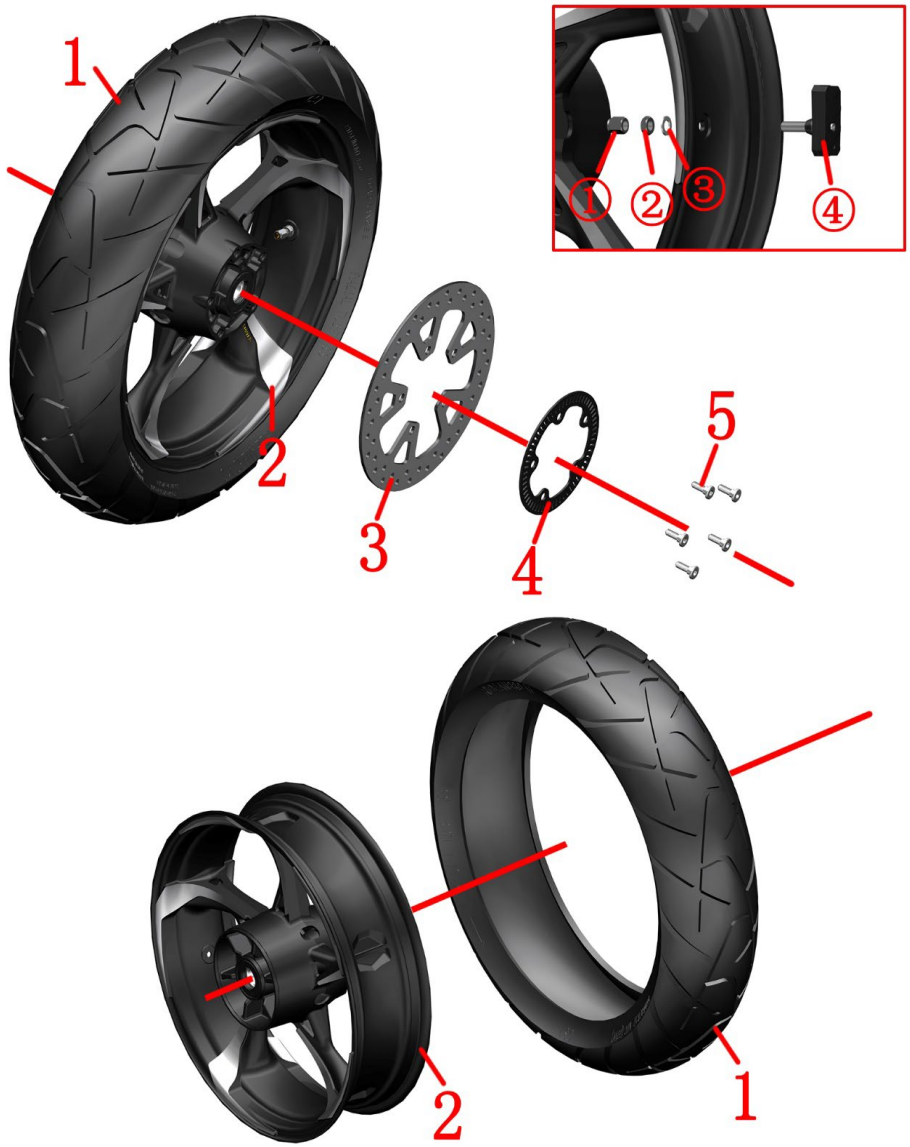


Fig.9 REAR WHELL COMPONENT		Rear wheel component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1230100-564000	160/60ZR17 CM－S3 69W TL E4	1	
2	1094300-006000	ZT350-GK rear aluminum wheel (MT4.5×17\black)	1	
3	1100100-784000	ZT350－GK rear brake disc (265×4.5)	1	
4	1274200-058000	ABS induction ring (60 teeth)	1	
5	1251100-117093	Non-standard inner hex bolt M8×25	5	22～24N.m
6	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	1	

PROCEDURE:

●Disc brake plate, ABS gear ring

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

●Tire and wheel component

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

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

CAUTION:

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

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

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

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

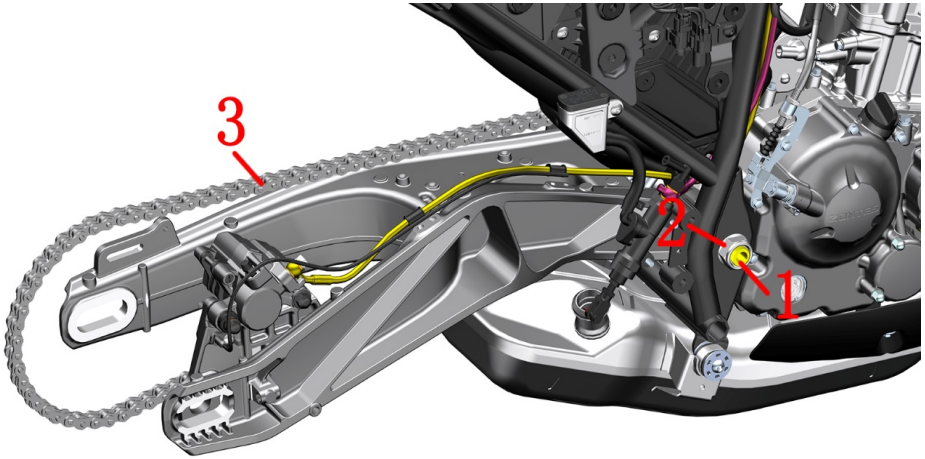
●The tire repair fluid should not be used because it will block the stoma of the pressure monitoring sensor,resulting in dificulty in inflating or failure of tire pressure momnitoring .

●Maintenance

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

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

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



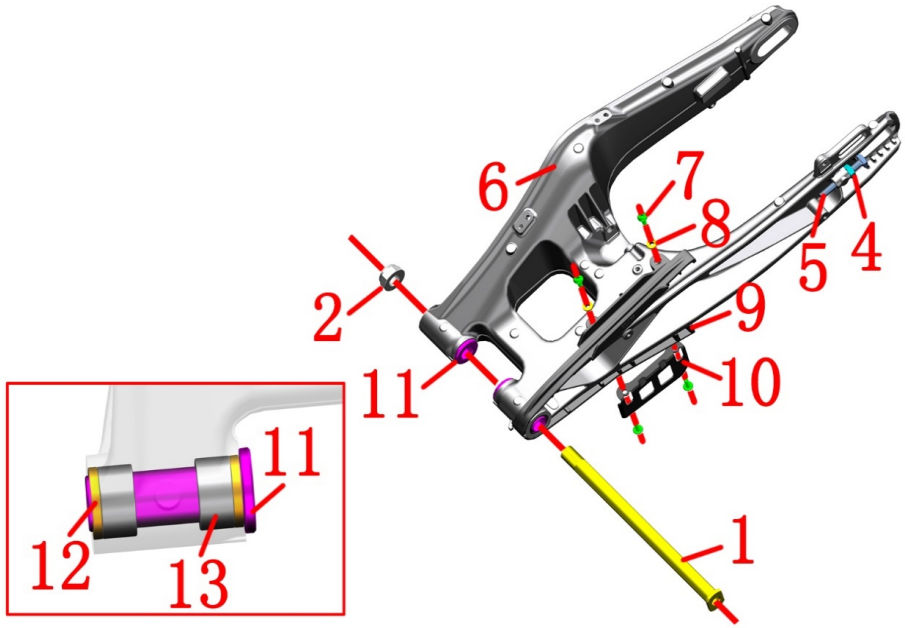


Fig.10 REAR WHELL COMPONENT		Rear fork component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft Φ20×315	1	
2	1251300-067000	ZT250－R rear wheel hollow shaft nut	1	110±5N.m
3	1080200-106000	ZT350－GK 112 pitch chain (520 oil seal chain)	1	
4	1251300-050000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

PROCEDURE:

●Rear fork component

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

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

●Rear fork rear-resistant block

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

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

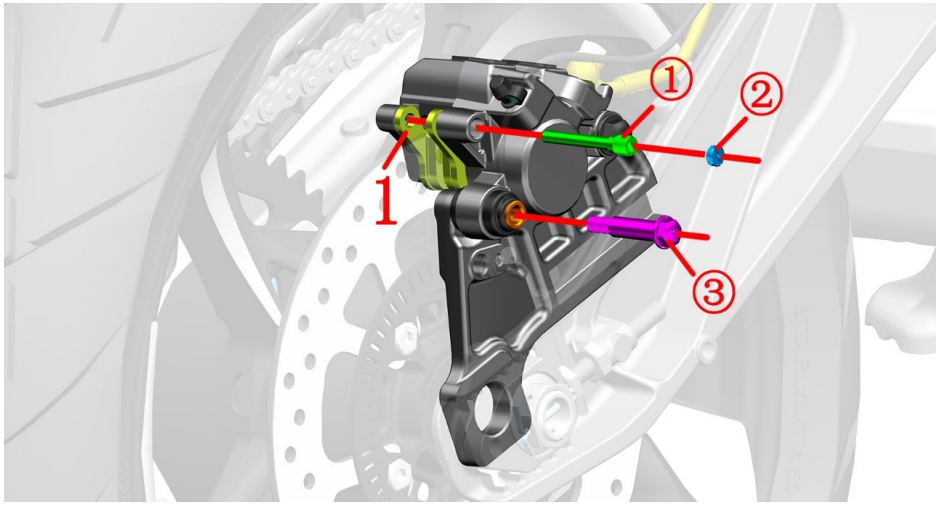
CAUTION:

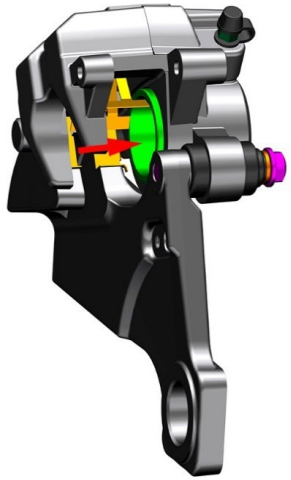
●Be sure to fix up the motorcycle in the process of disassembly.

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

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

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





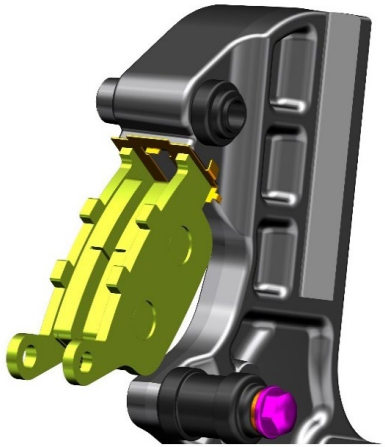


Fig.11 REAR WHELL COMPONENT		Replace the rear brake pads	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250-S rear disk brake pads (HS10)	1	After-sales

PROCEDURE:

●Disassemble disc brake arrester

Using strait screwdriver to disassemble nut①.

Disassemble pin axle② with a 5# inner hexagon socket.

Disassemble rolling axle③ with 12# 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.

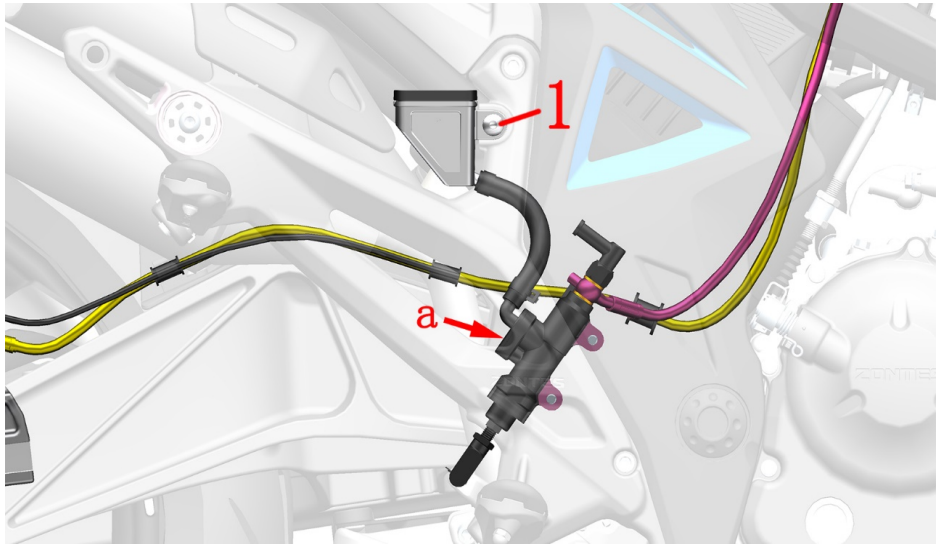


Fig.12 REAR WHELL COMPONENT		Rear brake main pump adds brake fluid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	

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.

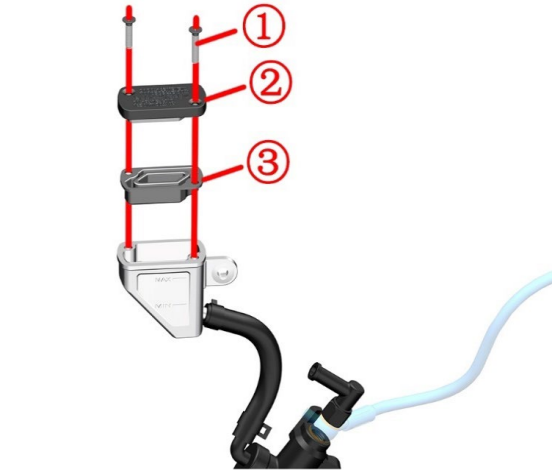
Disassemble 2bolts① with cross screwdriver.

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.

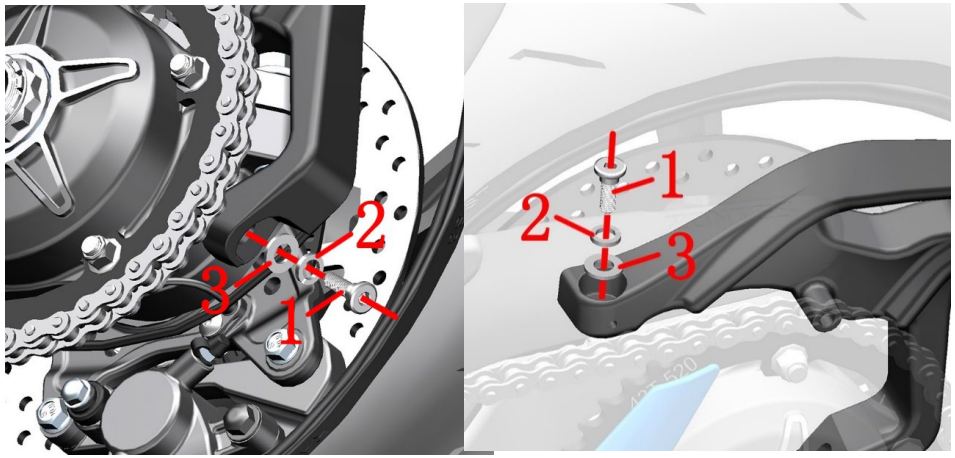
●If the braking liquid is accidently swallowed, contact intoxication center or hospital immediately. If it gets into the eye, wash it away with clean water then see the doctor.

●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.



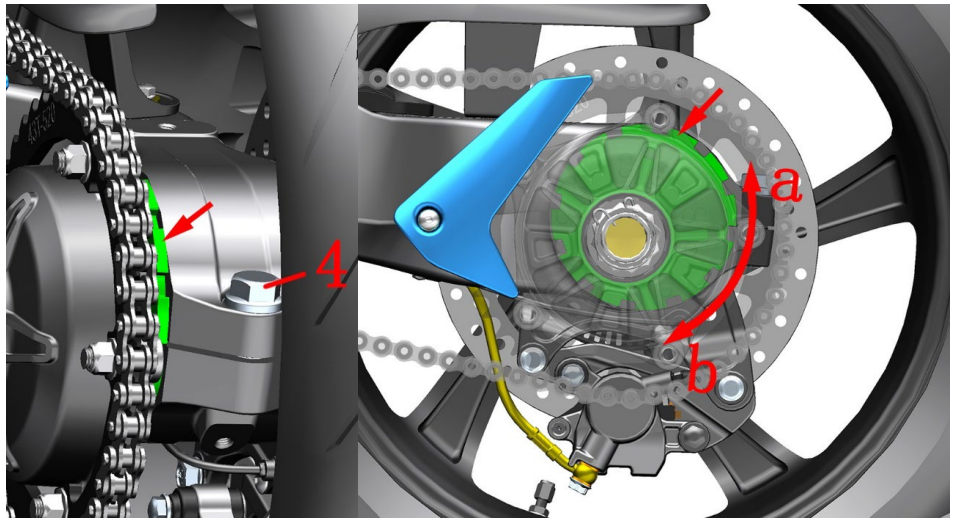


Fig.1 Rear wheel, swinging arm assembly		Adjustment chain	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non standard hex socket bolt M8×25	2	
2	1250501-004091	GB93φ10（white zinc）	2	
3	1250503-006091	GB97.1φ10（white zinc）	2	
4	1251100-204000	Non-standard Bolt M16×1.5×50（color zinc）	1	100N.m

PROCEDURE:

●Rear auxiliary mud plate assembly

Remove the bolt (1) at the bottom of the rear sub-slab assembly and remove the spring washer (2) and flat washer (3).

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

●Sprocket assembly

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

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

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

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

CAUTION:

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

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

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

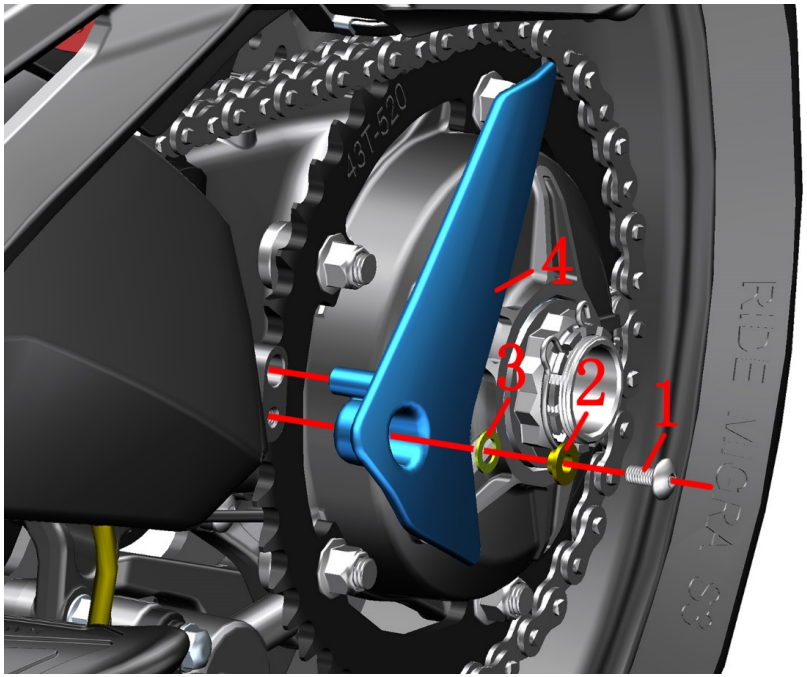


Fig.2 Rear wheel, swinging arm assembly		Sprocket baffle	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard Bolt M6×12（304 stainless steel）	1	
2	1274100-057095	Bush φ6.2×φ8.4×3.5＋φ14×1.5	1	
3	1244100-052000	Gum cushion, bush（φ8.5×φ14×1）	1	
4		ZT310-R1 sprocket baffle	1	

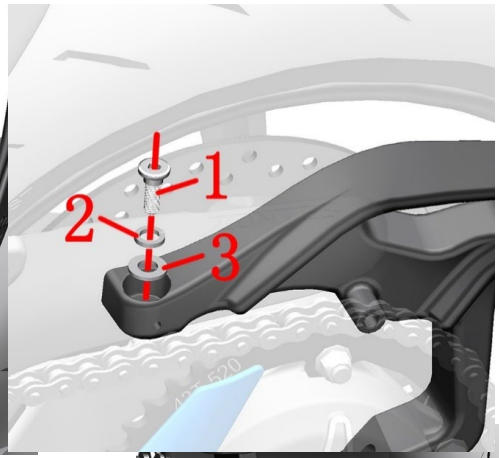
PROCEDURE:

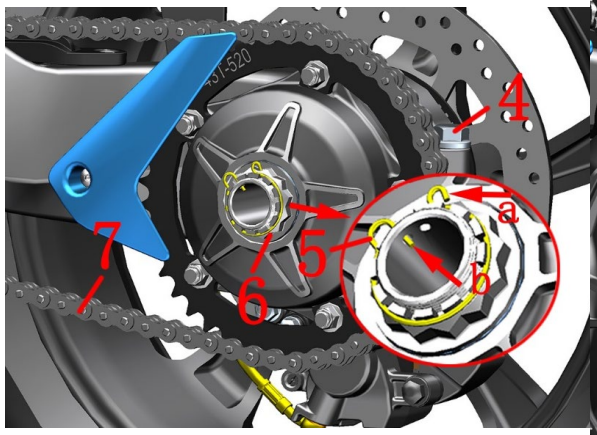
●Sprocket baffle

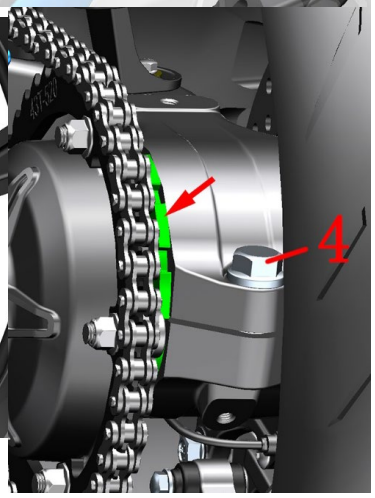
Remove the bolt(1), remove the flange bushing (2), cushion rubber(3); finally remove the sprocket baffle(4).

CAUTION:

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







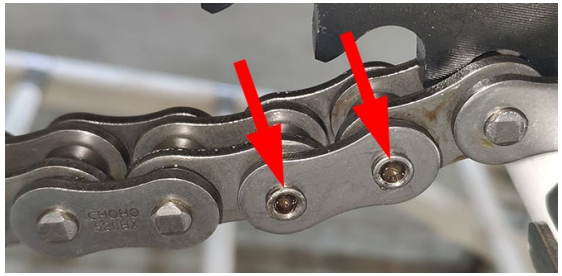


Fig.3 Rear wheel, swinging arm assembly		Sprocket assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-117093	Non standard hex socket bolt M8×25	2	
2	1250501-004091	GB93φ10（white zinc）	2	
3	1250503-006091	GB97.1φ10（white zinc）	2	
4	1251100-204000	Non standard bolt M16×1.5×50(color zinc)	1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

PROCEDURE:

●Rear auxiliary mud plate assembly

Remove the bolt (1) at the bottom of the rear sub-slab assembly 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 washer(2) and flat washer(3). Place the rear sub-mud assembly properly, taking care not to pull the cable.

●Sprocket assembly

Use the No. 21 sleeve to loosen the bolt(4) without removing it.

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

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

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

Remove the sprocket assembly.

●Chain

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

CAUTION:

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

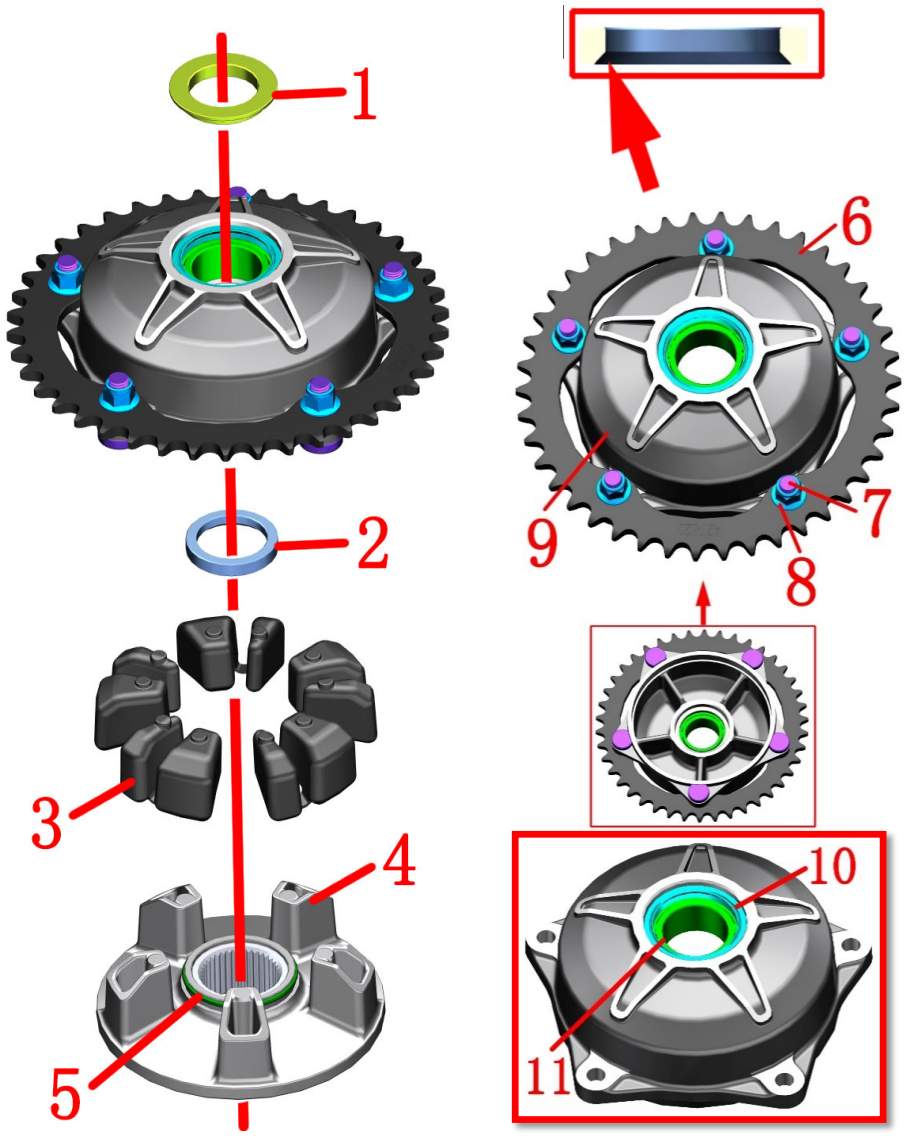


Fig.4 Rear wheel, swinging arm component		Sprocket assembly 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	1274100-108000	Bushing Φ45×Φ35×5.5+Φ54×Φ35×2	1	
2	1274100-105000	Bushing Φ46×Φ35×7.3	1	
3	1244100-087000	ZT310-R1 single rear fork sprocket buffer rubber	5	
4	1094200-013000	ZT310 single rear fork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

PROCEDURE:

●Sprocket assembly

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

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

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

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

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

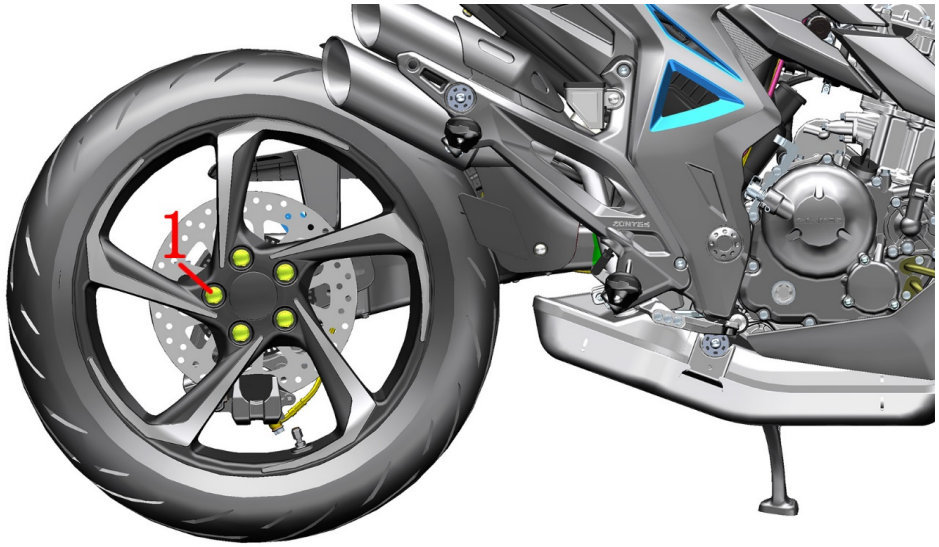
●Sprocket

Remove the 5 nuts(8), remove the 5 bolts(7), and remove the sprocket(6). When reassembling, pay attention to the sprocket with the word one facing outward.

CAUTION:

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

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



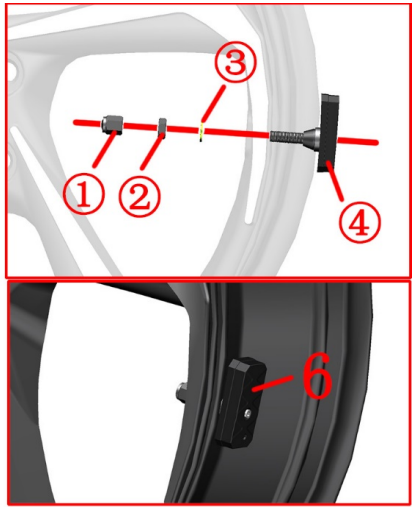


Fig.5 Rear wheel, swinging arm component		Rear wheel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	1251300-071000	Non standard nut M12×1.5（chromed）	5	110N.m
2	1230100-564000	160/60ZR17 CM－S3 69W TL E4	1	280kPa
3	1094300-008000	ZT350-GK1 single rocker arm rear aluminum wheel (MT4.5×17/black)	1	
4	1260100-238000	ZT310-R1 rear wheel rim sign spring	1	
5	1210142-000100	ZT310-R1 single rocker black rim sign	1	
6	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	1	

PROCEDURE:

●Rear wheel assembly

Remove the 5 nuts with a 200N torque wrench and a 19 gauge 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 (1). 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 250kPa.

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:

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

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

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

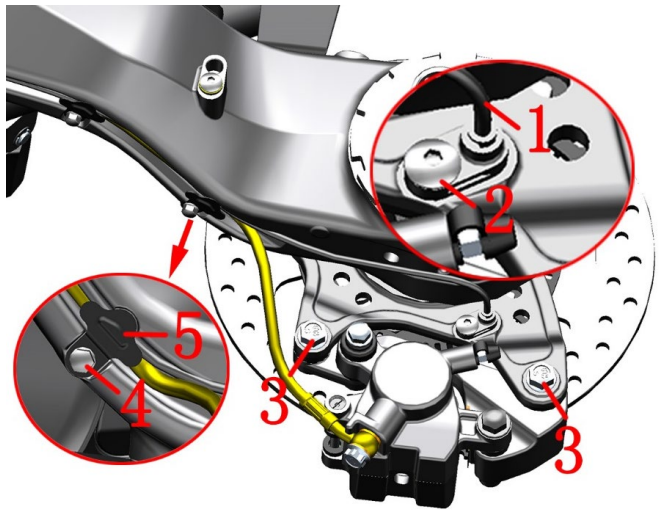
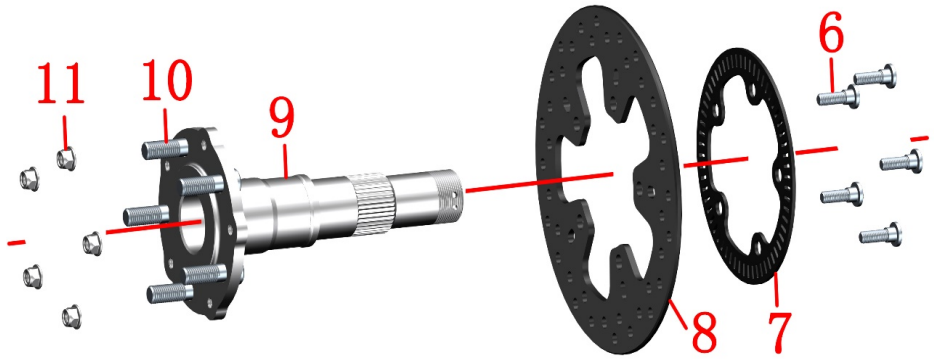


Fig.6 Rear wheel, swinging arm component		Rear axle assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	1181200-118000	Wheel speed sensor(A)	1	
2	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
3	1251100-123093	Non standard M8×25(color zinc)	2	
4	1250104-006097	GB16674M6×12（chromed/HH）	4	
5	1274200-119000	Single rocker rear flat fork tubing bracket	4	
6	1251100-117093	Non standard hex socket bolt M8×25	5	
7	1274200-058000	ABS gear ring(60T)	1	
8	1100100-784000	ZT350-GK rear brake disc (265×4.5)	1	
9	4024200-048000	ZT310 single rocker rear axle assem（with bolts)	1	
10	1251100-191000	Non standard bolt M12×1.5×38 (color zinc)	5	after-sale
11	1250305-002091	GB6187.1M8（white zinc）	5	



PROCEDURE:

●Rear axle outer assembly

To remove only the rear axle assembly, simply remove the 2 bolts (3) and remove the caliper from the mounting plate. Remove the rear axle assembly.

To replace the rear fork, you need to continue with the following steps:

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

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

Find the inside of the left rear skirt and remove the joint of the rear slab adapter cable. Locate the wheel speed sensor connector near the right air filter and remove it, and remove the wheel speed sensor (1).

●Rear axle assembly

Fix the bolt (6) with a hexagon socket and then remove the nut (11) with a sleeve.

Remove the induction ring gear (7) and the disc brake disc (8) from the rear axle assembly (9).

The rear axle assembly (9) already includes the rear axle and 5 bolts(10). The bolts (10)and the single rocker rear axles have an interference fit. If the bolts are removed and replaced separately, the connection must be firm and reliable, otherwise it may loosen and cause accidents. The bolt heads of the early production models are round and can be replaced directly with the trimmed state of the later production.

CAUTION:

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

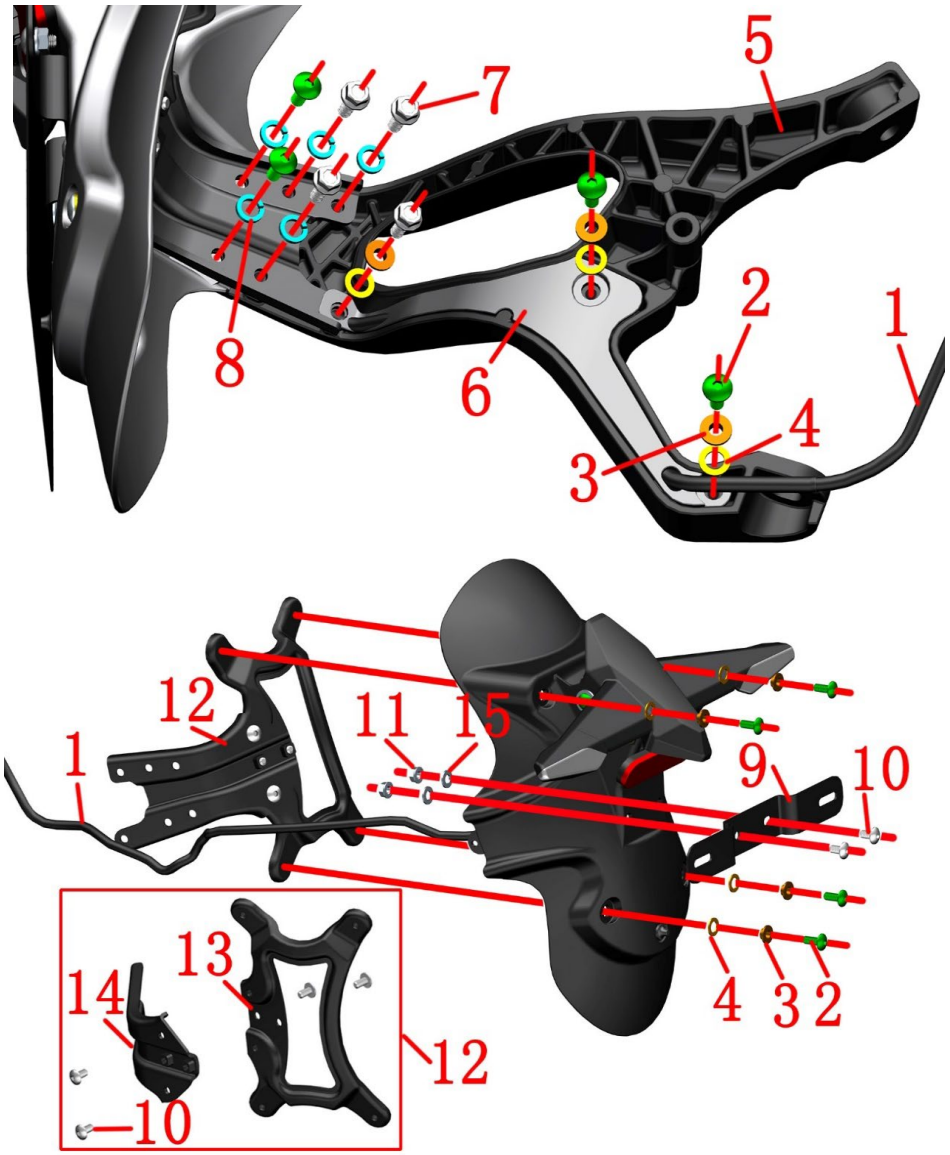


Fig.7 Rear wheel, swinging arm assembly		Rear sub-mud assembly 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1184200-030000	ZT310－R vice fender extension cable(L=2000)	1	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	8	
3	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	7	
4	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	7	
5	1020242-265021	ZT310-R1 rear sub-mud aluminum alloy bracket (homemade)	1	
6	1224200-106000	ZT310-R1 rear auxiliary mud board retaining plate	1	
7	1250105-137093	GB5789M6×16 (environmental color)	4	
8	1250501-007093	GB93φ8 (environmental color)	5	
9	1270300-039000	HJ125－6 Rear license bracket	1	
10	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	6	
11	1250303-010093	GB6177.1M6（environmental color）	2	
12	4024200-102000	ZT310-R rear sub-plate iron bracket (Improvement)	1	
13	4024200-036000	ZT310-V rear auxiliary fender iron support rear section	1	after-sale
14	4024200-101000	ZT310 rear auxiliary fender iron support front section	1	
15	1250503-021093	GB97.1φ8 (environmental color)	2	

PROCEDURE:

●Retaining plate

Using 4# inner hexagon socket remove the bolts(2)and (7), remove the flange bushing (3) the rubber pad(4), and finally remove the retaining plate(6).

●Aluminum alloy bracket

Using 4# inner hexagon socket remove the 3pcs of bolt(7) and 2 pcs of (2)， then remove 5 pcs of spring washer(8).

●Back license plate bracket assembly

Using 4# inner hexagon socket remove the bolt(10) and nut(11) at the license bracket(9) and remove the license bracket(9).

●Rear auxiliary mud plate iron bracket

Hold the rear turn signal assembly, remove the bolt(2), and remove the flange bushing(3) and rubber pad(4). Remove the rear sub-mud iron bracket(12)and rear turn signal assembly.

CAUTION:

●Do not pull the cable hard when removing the vice fender connecting cable.

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

●2 pcs GB97.1φ8 have been added to motorcycle manufactured by July 2021.Early production can add by yourself.

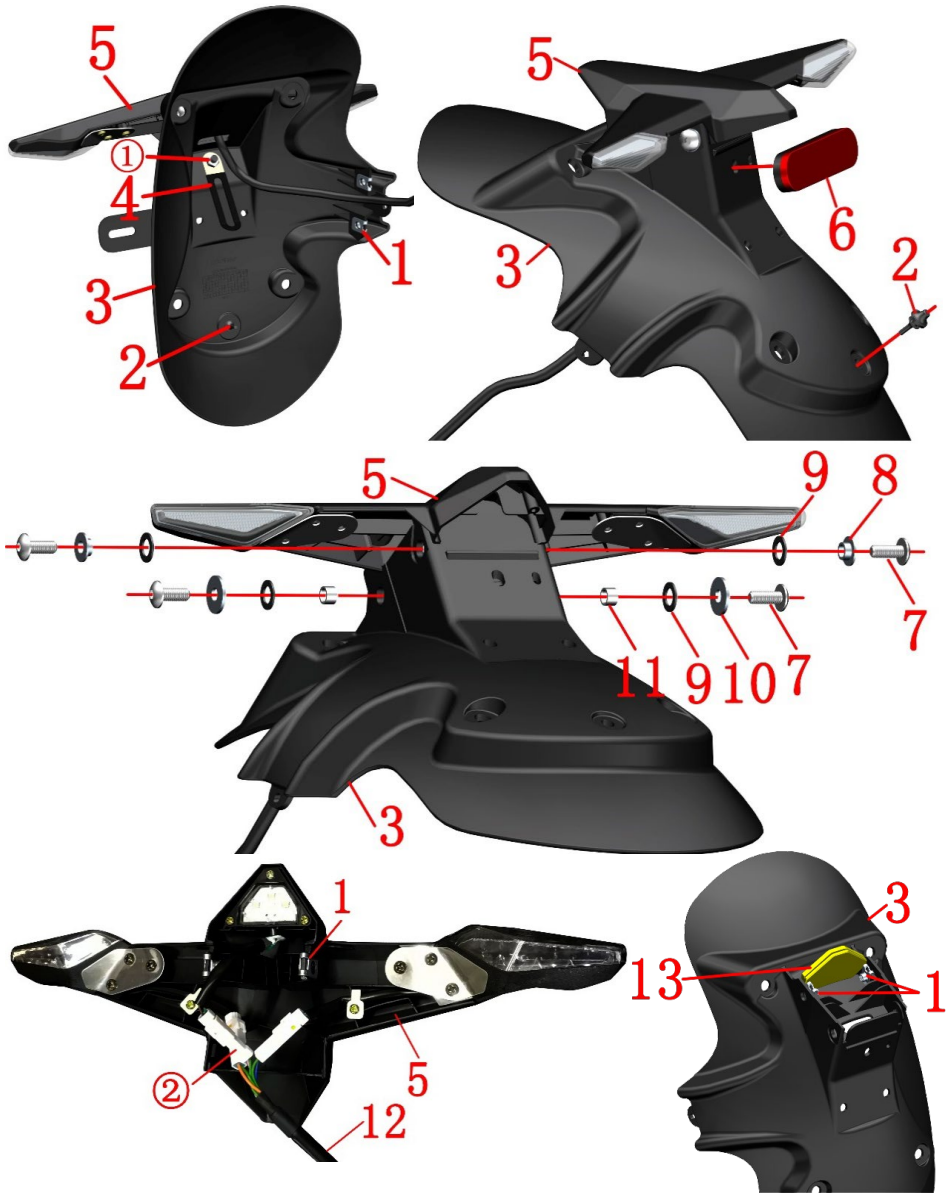


Fig.8 Rear wheel, swinging arm component		New rear sub-mud component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-063093	Plywood M6×11×15（environment color）	6	
2	1244100-006000	ZT250－SRear license plate buffer rubber	1	
3	1224200-091000	ZT310－RRear auxiliary mudguard fender（250R、310R/X/T）	1	
4	1270300-273000	φ8 Clip（L=73）	1	
5	1174200-035000	ZT310Rear turn signal (including license plate light）	1	
6	1174100-002000	ZT250－S Back reflector	1	
7	1251100-102000	Non-standard boltM6×16（304stainless steel）	4	
8	1274100-057095	Flanging bushingφ6.2×φ8.4×3.5＋φ14×1.5	2	
9	1244100-052000	Flange bushing cushion rubber（φ8.5×φ14×1）	4	
10	1250502-010093	GB96.1φ6（environment color）	2	
11	1274100-018000	ZT250－S Muffler anti-scalding bushing	2	
12	1184200-030000	ZT310－R Rear vice fender extension cable(L=2000)	1	
13	1244200-082000	ZT310 Rear auxiliary mud board retaining rubber plug	1	

PROCEDURE:

●Back reflector, license plate cushion rubber

Flip to the back, remove the nut① that comes with the rear reflector(6), remove the clamp(4) and the back reflector. Remove the plate cushion rubber(2) and remove the 2 plywood nuts(1) on the back of the rear mudguard fender(3).

●Steering lights, fender sub-assemblies

Remove the bolts(7)on the left and right sides, and remove the flange bushing (8), cushion rubber(9), anti-scalding bushing (11) and gasket(10). Disassemble the turn signal and fender subassembly. Note that the sub-mud switch cable(12)cannot be forcibly pulled.

●Fender sub-assembly

Remove the 2 plywood nuts(1) and retaining rubber plug(13) from the fender subassembly(3).

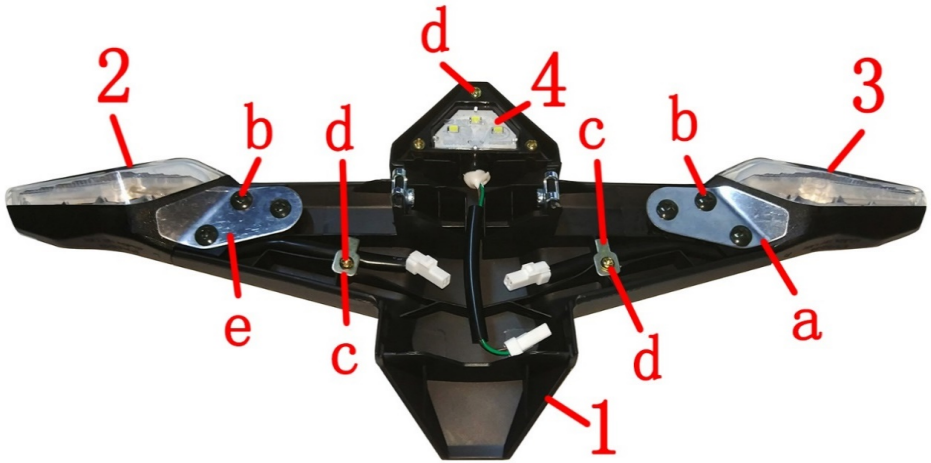
●Turn signal subassembly

Remove the 2 plywood nuts(1) from the turn signal(5). Remove the 3 joints of② and remove the sub-mud switch cable(12).

CAUTION:

●Do not pull the cable hard when removing the sub-mud switch.

●When reassembling, check if there is any pressure on the wire to prevent it from tightening. Short circuit caused by bolts. Pay attention to the lamp connector, do not insert the wrong, turn left Green + orange; right turn signal is green + blue; license plate light is green + pink.



ZT310－X Rear left turn signal

ZT310－X Rear right turn signal

Fig.9 Rear wheel, swinging arm component		Rear turning light parts for after sales service	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-120000	ZT310 Rear turn signal bracket	1	
2	1174200-019000	ZT310－X Rear left turn signal	1	
3	1174200-020000	ZT310－X Rear right turn signal	1	
4	1174200-021000	ZT310－X License Plate Light	1	

PROCEDURE:

●Rear license light

Grip the rear turning light bracket(1) then disassemble three bolts "d" on the license light(4).

●Rear turning signal

Disassemble bolts three "b" and one"d" on the diagram left side, and then remove left press line plank of "e" and press line plank "c",Remove the left turn signal(2) ;follow the steps above to remove right press line plank of "a" and press line plank "c". and remove the right turn signal(3).

CAUTION:

●while reassembling,check there is any pressure on the cable,in case of causing short circuit when tighten the bolt.

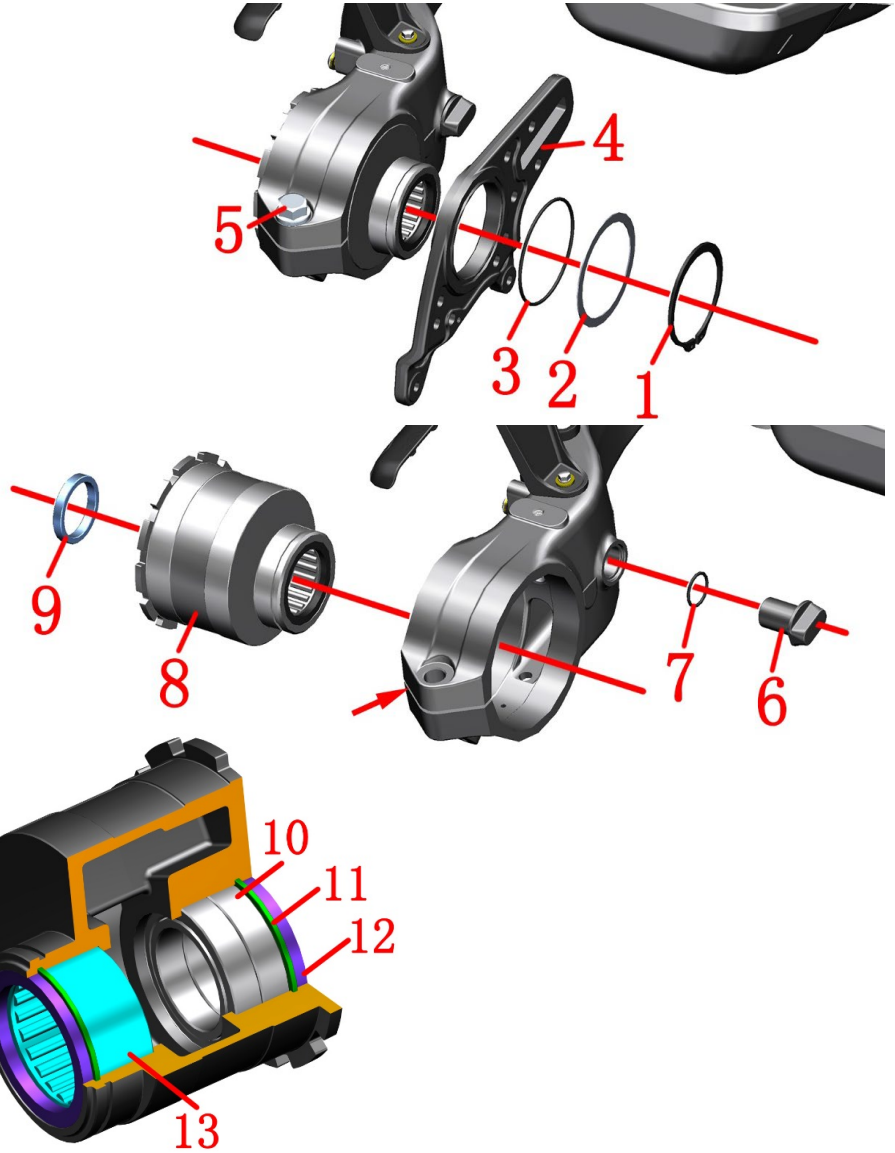


Fig.10 Rear wheel, swinging arm component		Chain adjuster assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250700-009000	Shaft type A circlip φ75×2.5	1	
2	1251500-096000	φ90×φ76×1 washer	1	
3	1244200-105000	O-ring φ80×2.65 (inner diameter×wire diameter)		
4	4024300-010000	ZT350 single rocker arm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

PROCEDURE:

●Disc brake mounting plate

First remove the retaining ring (1) with a shaft and a circlip plier; then remove the washer(2) and O-ring (3); and finally remove the disc brake mounting plate (4).

Using 21#sleeve remove the bolt (5).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.

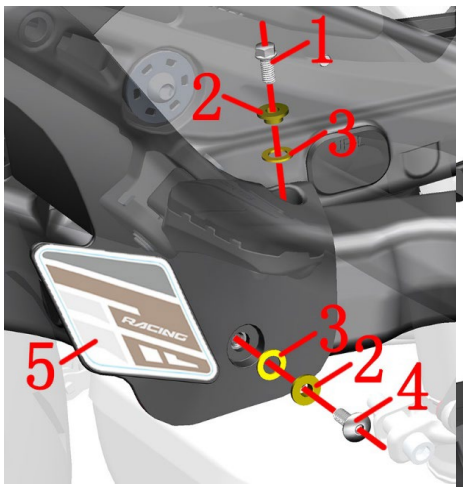
Take the lower limit block(6)and remove the seal ring(7).

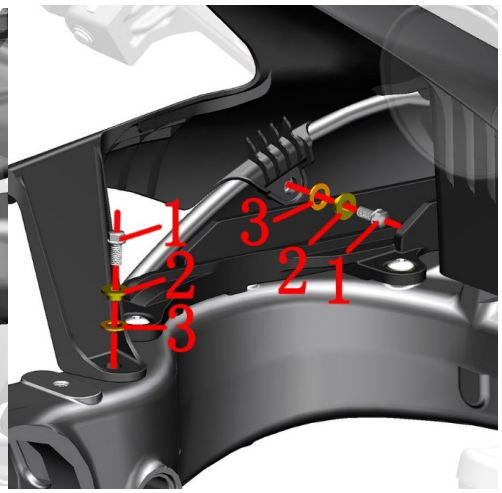
●Chain adjuster assembly

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.





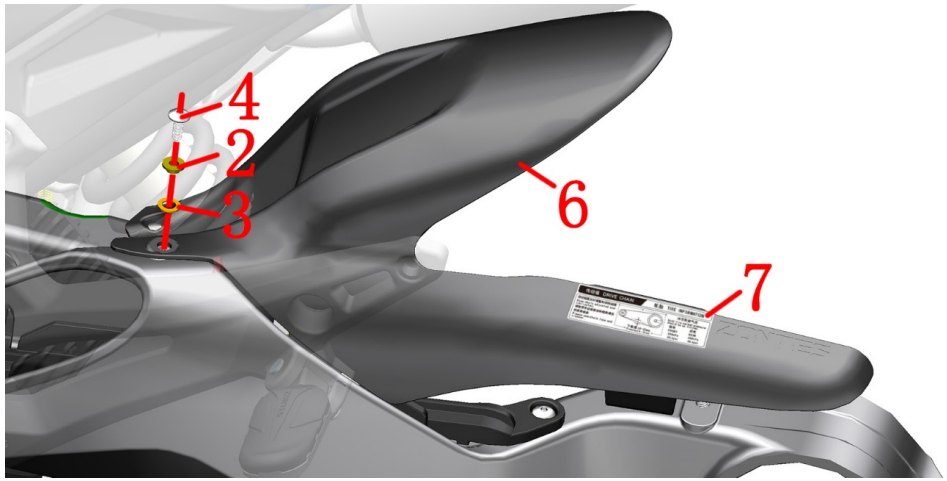


Fig.11 Rear wheel, swinging arm component		Rear mud board	CHK / ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250104-006097	GB16674M6×12（chromed/HH）	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	5	
3	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	5	
4	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
5	1210342-424000	ZT310 rear mud board decal (RACING)	1	
6	1224300-087000	ZT350-R1 rear mud board	1	
7	1210343-056000	ZT350-GK chain decal	1	

PROCEDURE:

●Rear mud board

Using 8#sleeve remove the bolt (1) from the gap above the front right side of the rear mud plate and remove the bushing (2) and the cushion rubber (3).

Using 4# inner hexagon socket remove the bolt (4) on the right side and remove the bushing (2) and cushion rubber (3).

Using 8#sleeve remove the bolt (1) on the inside of the left inner side and remove the bushing (2) and the cushion rubber (3).

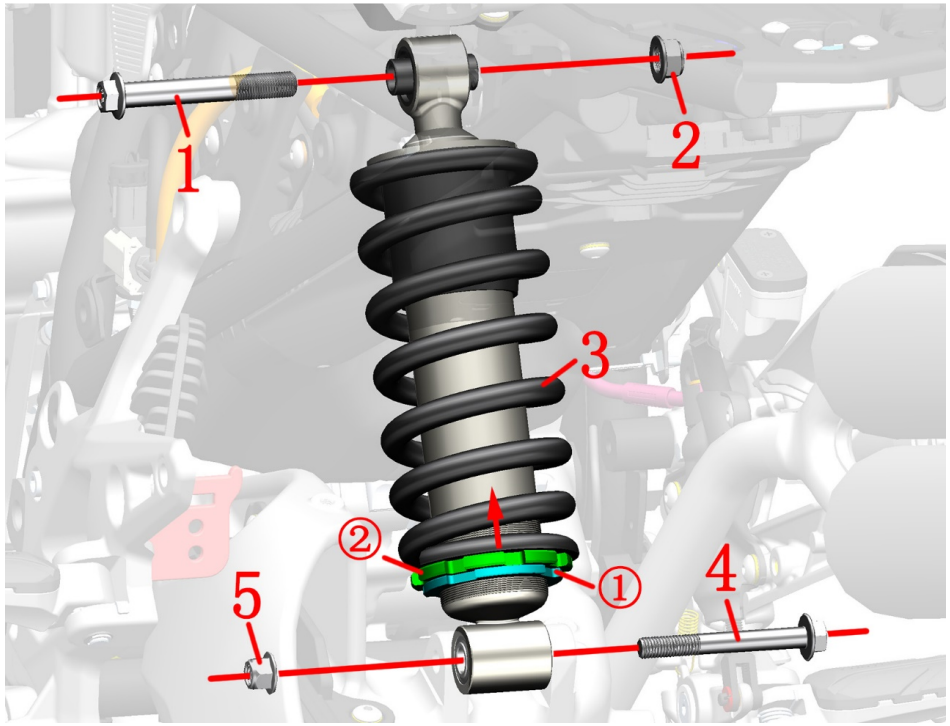
Using 8#sleeve remove the bolt (1) at the rear left side and remove the bushing (2) and cushion rubber (3).

Hold the inner mud plate (6),use 4# inner hexagon socket remove the bolt (4) above the front left side, and remove the bushing (2) and the cushion 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.



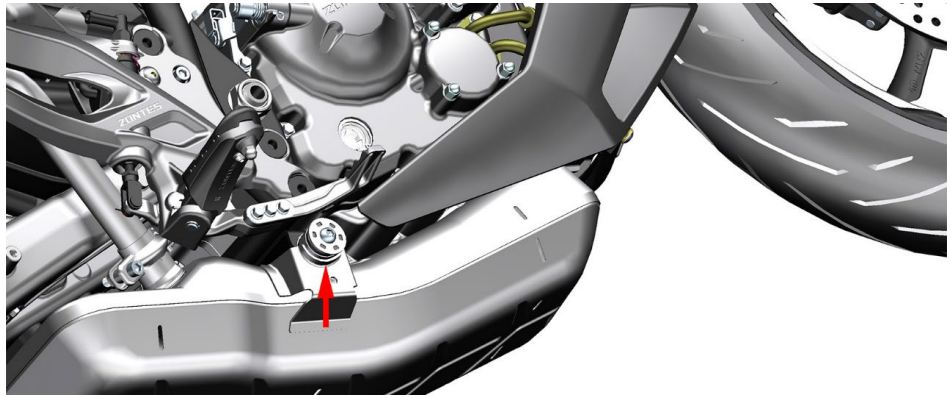


Fig.12 Rear wheel, swinging arm component		Rear shock absorber	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-019000	GB5187 non-standard bolt M12×1.25×85(10.9 garde/da	1	
2	1250305-009091	GB6187.1 M12×1.25(White Zinc)	1	
3	1114300-007000	ZT350-R1 rear shock absorber	1	
4	1251100-132003	Non-standard bolt M10×1.5×80 (Dacromet)	1	
5	1251300-057093	Non-standard bolt M10×1.5（Dacro）	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 the vehicle is supported, one person uses the14# sleeve to hold the heads of the bolts (1)and (4) respectively, and one person removes the nut (2)and(5) with 17#sleeve and 17#open ended spanner .

Person 1 shakes the rear wheel up and down slightly . Person 2 drags out bolt(4).

Person 1 holds the motorcyclefirmly . Person 2 lifts the rear shock absorber(3) towards the arrow direction and drag out bolt(1). Take off the rear absorber at last.

●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.

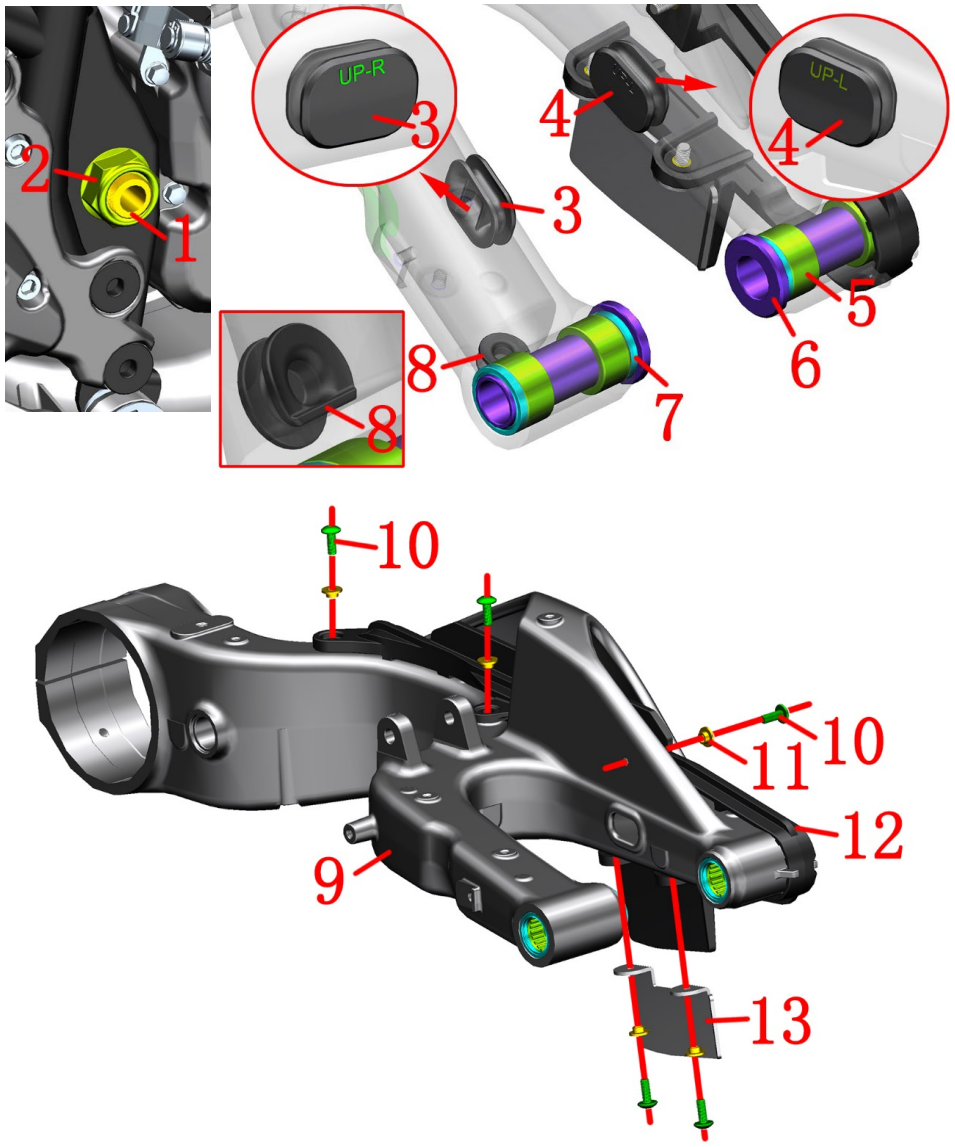


Fig.13 Rear wheel, swinging arm component		Rear wheel assembly	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1252200-040000	ZT310-R1 rear flat fork hollow shaft	1	
2	1251300-067000	ZT250－R rear wheel axle nut	1	110±5N.m
3	1244200-085000	ZT310 single rocker arm aluminum alloy flat fork right dustproof 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

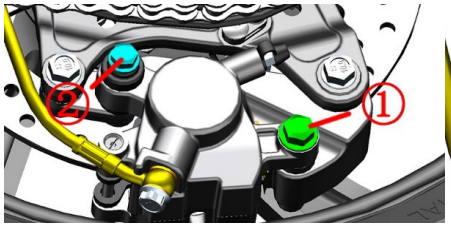
The oil seal(7) and the needle bearing (5) are used for interference compression. Please ensure that they have the ability to disassemble and disassemble.

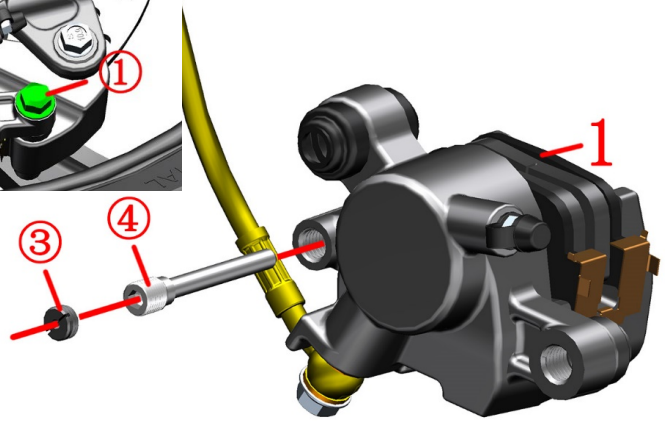
CAUTION:

●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.





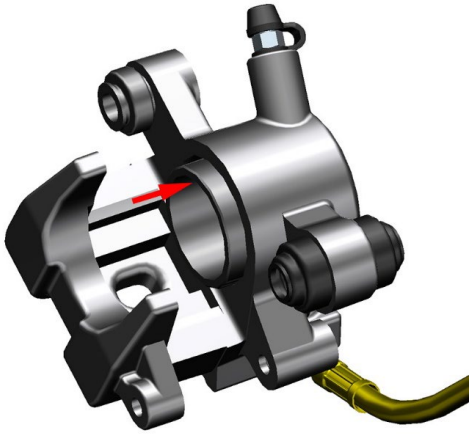


Fig.14 Rear wheel, swinging arm assembly		Change rear brake arresters	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-092000	ZT250－S rear disc brake arrester(HS10)	1	after sale

PROCEDURE:

●Disassemble disc brake arrester

Loosen the upper slide shaft① with a 14# sleeve.

Loosen the lower slide shaft② with a 12# plum wrench.

Remove the slide shaft and remove the rear brake caliper.

Use strait screwdriver to disassemble nut③.

Tighten the pin axle④ with 5# hex socket tool.

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 axle④ with 5mm hex socket tool.

Tighten nut③ with strait screwdriver.

Tighten the pin axle① with 14mm hex socket tool.Torque is 34N.m.

Use a 12mm wrench to lock the lower slide shaft ②.

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.

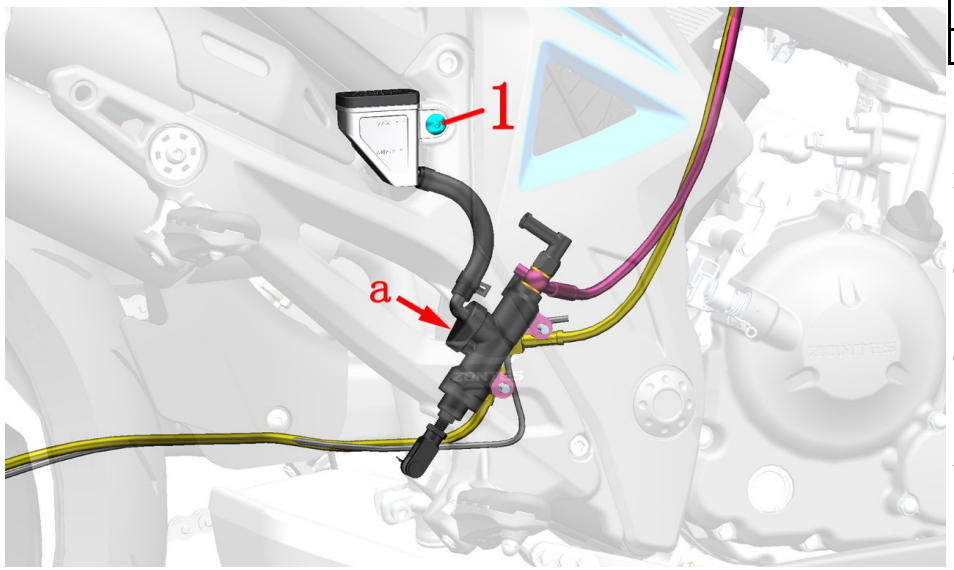


Fig.15 Rear wheel, swinging arm assembly		Rear disc brake main pump adding braking liquid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	

PROCEDURE:

●Add disc brake liquid

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

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

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

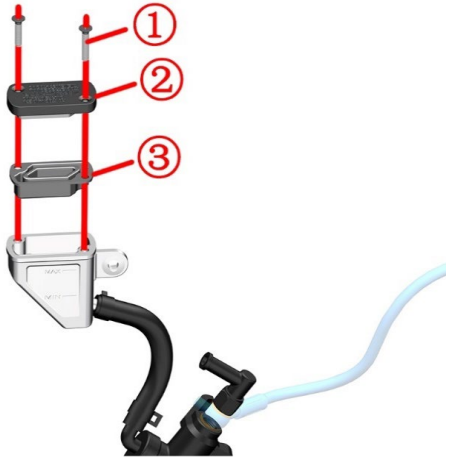
Disassemble bolt① with cross screwdriver.

Take off oil cup cap②, sealing gasket③.

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

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

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



CAUTION:

●Support the motorcycle well on flat ground before checking.

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

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

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

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

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

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

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

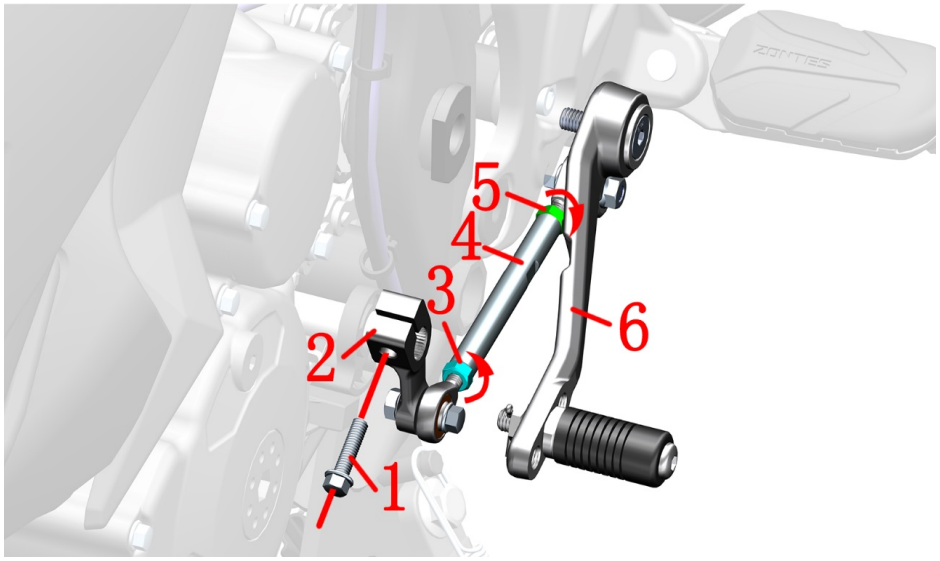
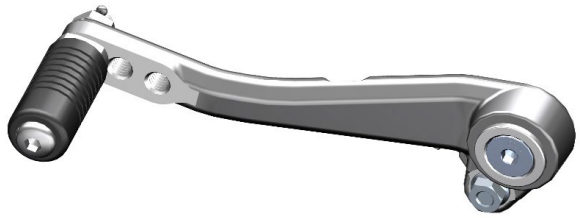


Fig.1 FOOT PEDAL COMPONENT		Shift lever adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	1	
2	1271200-163000	ZT250－S Gear swift rod spline of Rocker arm	1	
3	1250301-020093	GB6170M6 (environmental color)	1	
4	1274300-026000	ZT350-R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



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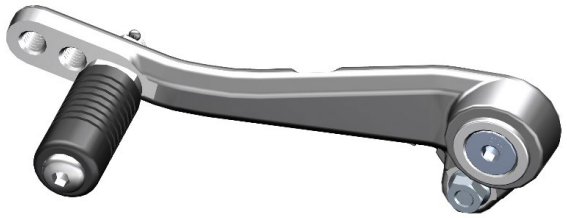


Future

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.

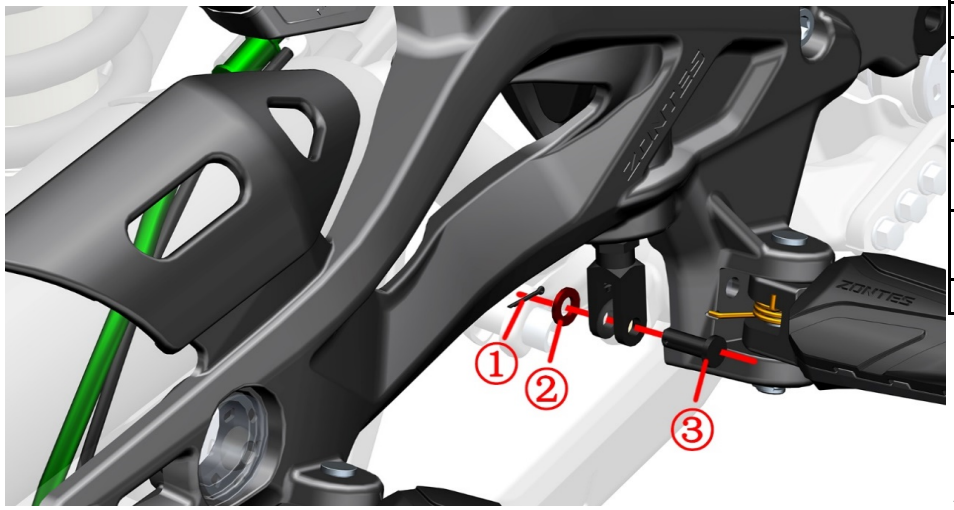
●Shift lever position adjustment

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.



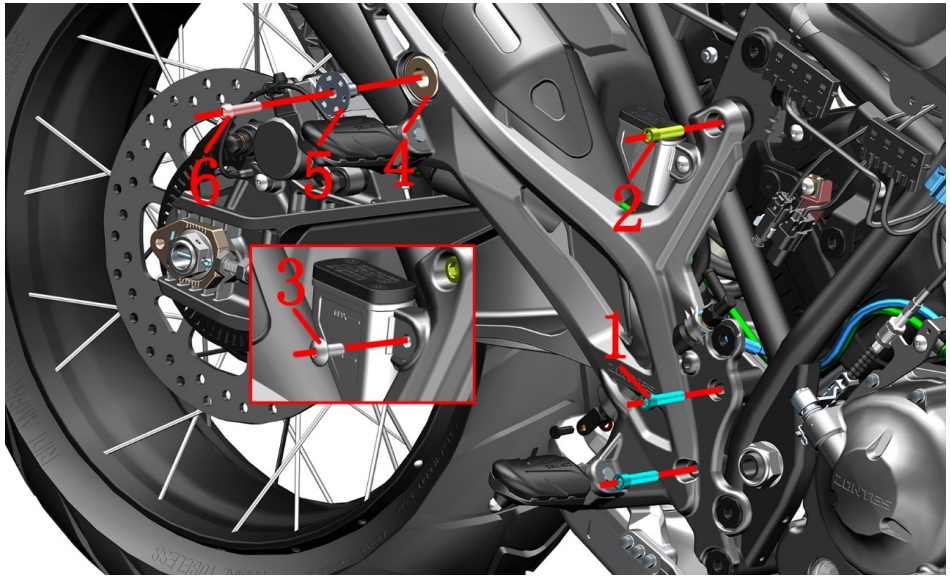


Fig.2 FOOT PEDAL COMPONENT		Right footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-023000	GB70.1 inner hexagonal M8×35 (color zinc)	2	
2	1250205-034093	GB70.1 inner hexagonal M8×30 (color zinc)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
4	1244300-022000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

PROCEDURE:

●Right Foot pedal component

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

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

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

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

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

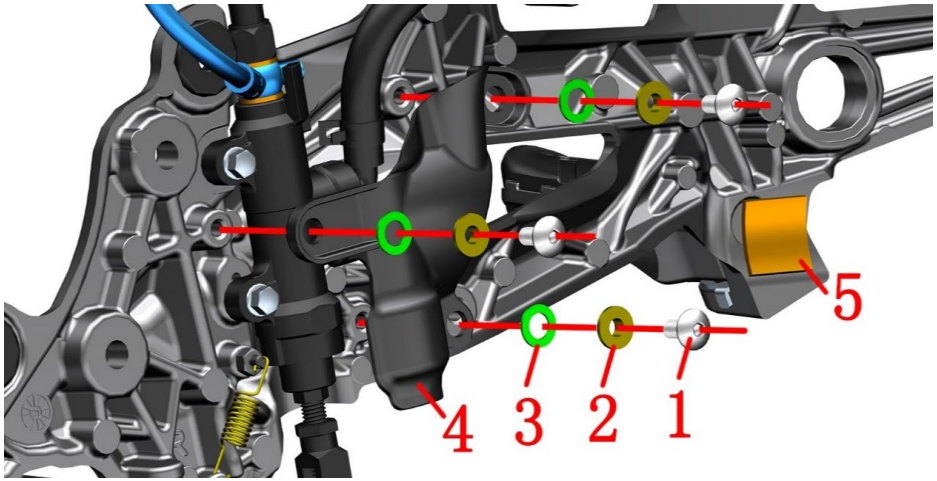
CAUTION:

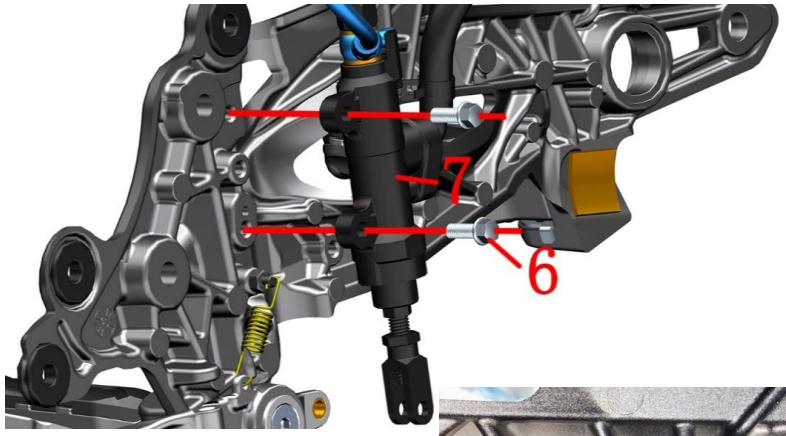
●While overturning the foot pedal holder, keep the components nearby well protected in case they are scratched.

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

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

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





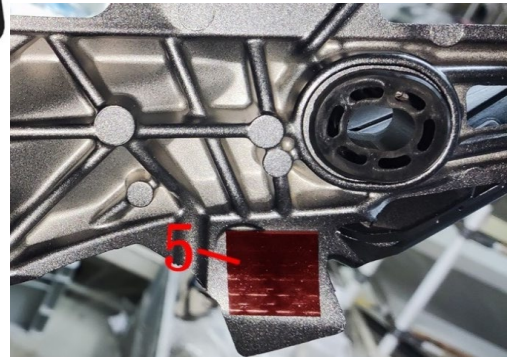


Fig.3 FOOT PEDAL COMPONENT		Right footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	3	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	3	
4	1224300-023000	ZT350 rear brake main pump heat shield	1	
5	1244300-039000	ZT350－R rear muffer silicone pad	2	
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

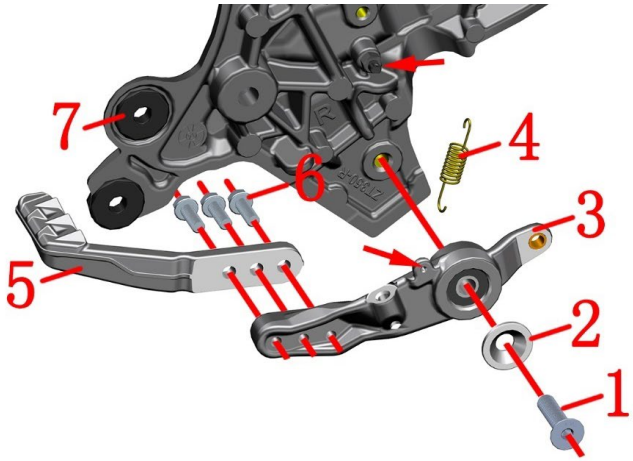
Using 8# sleeves remove two bolts(6) take down the main pump(7) of rear disc brake.

CAUTION:

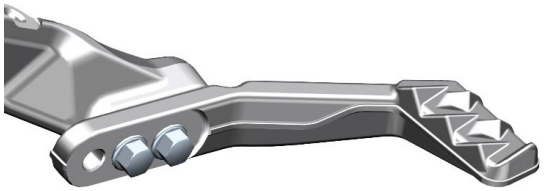
●Rear disc brake oil cup can never be lower than oil tube .

●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.



Froth



Future

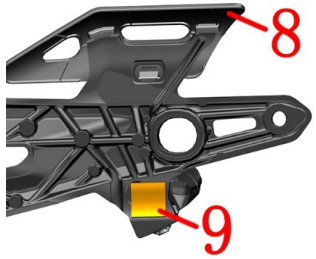


Fig.4 FOOT PEDAL COMPONENT		Right footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-124000	GB70.3 M8×30 (10.9 grade environmental protection color)	1	
2	1274300-027000	ZT350 pedal bearing cover	1	
3	4024300-028000	ZT350－R pedal rocker arm(lncluding bearings)	1	
4	1260100-303000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

PROCEDURE:

●Brake pedal component

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

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

●Muffler anti-scalding

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

●Rear muffer silicone pad

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

CAUTION:

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

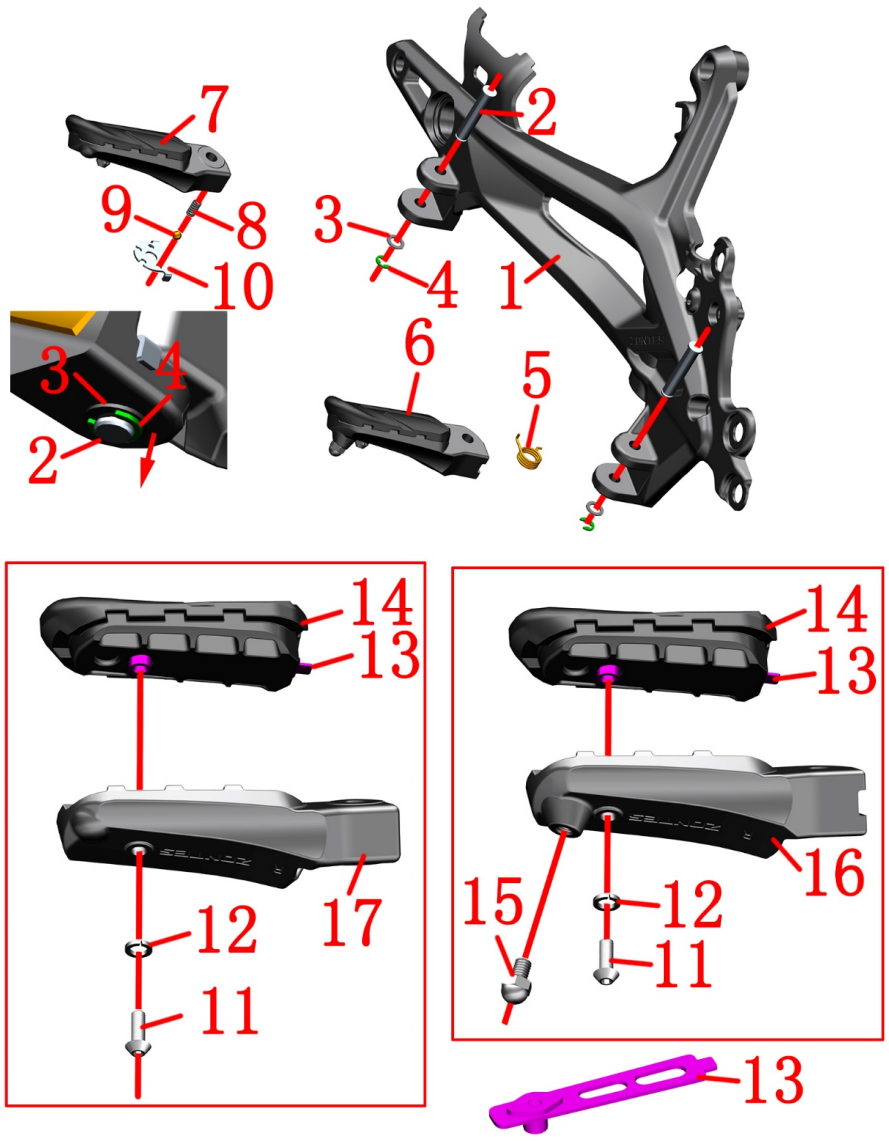


Fig.5 FOOT PEDAL COMPONENT		Right footrest component 4	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4064300-021051	ZT350 right pedal support (HT/ dark gray matte)	1	
2	1274300-033000	ZT350-R Pedal pin	2	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
4	1264100-006000	ZT250－S Pedal circlip	2	
5	1264100-004000	ZT250－S front right foot pedal torsional spring	1	
6	4064300-010051	ZT350－GK R, front pedal component (dark gray matte	1	
7	4064300-012051	ZT350－GK R, rear pedal component (dark gray matte)	1	
8	1260100-301000	ZT350－R foot pedal steel ball spring	1	
9	1274300-031000	ZT350－R rear pedal steel ball(6.35)	1	
10	1274300-032000	ZT350－R rear pedal locating plate	1	
11	1250205-038000	GB70.2M5×12 (stainless steel)	2	
12	1250501-010000	GB93φ6 spring pad	2	
13	1274300-093000	ZT350-Gkfootrest gum cover fixed plate(10mm longer)	2	
14	1244300-013000	ZT310－T footrest gum cover	2	After-sales
15	1251100-167000	Non-standard ball head boltsM6×8	1	
16	4064300-006051	ZT350-GK front right footrest (dark gray matte)	1	
17	4064300-008051	ZT350-GK rear right footrest (dark gray matte)	1	

PROCEDURE:

●R, front pedal

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

●R,rear pedal

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

●After sales parts for pedal component

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

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

CAUTION:

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

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

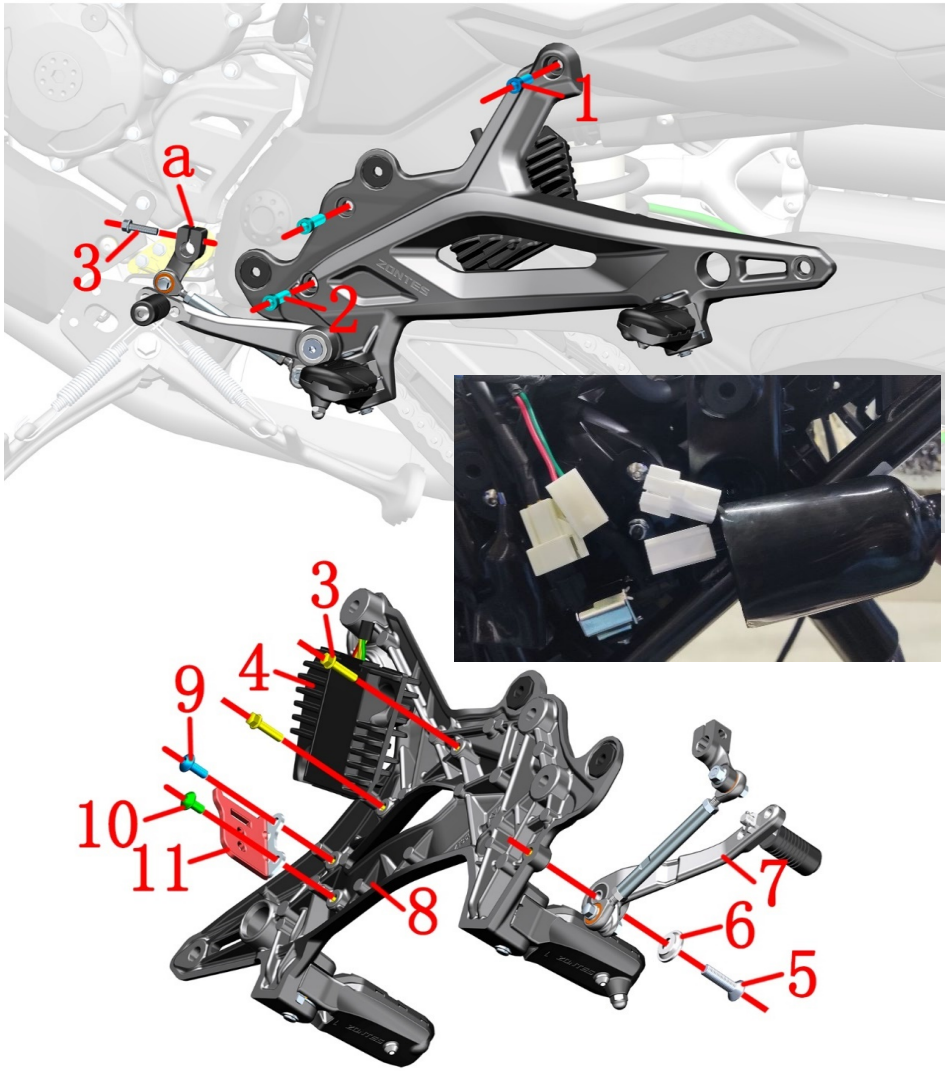


Fig.6 FOOT PEDAL COMPONENT		Left footrest component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-034093	GB70.1 inner hexagonal M8×30(color zinc)	1	
2	1250205-023000	GB70.1 inner hexagonal M8×35(color zinc)	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
4	1184300-013000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

PROCEDURE:

●L, foot pedal holder component

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

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

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

●Gear shift rod component

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

●Rectifier

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

●Support of disc brake lock

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

●Rectifier fault detection

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

CAUTION:

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

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

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

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

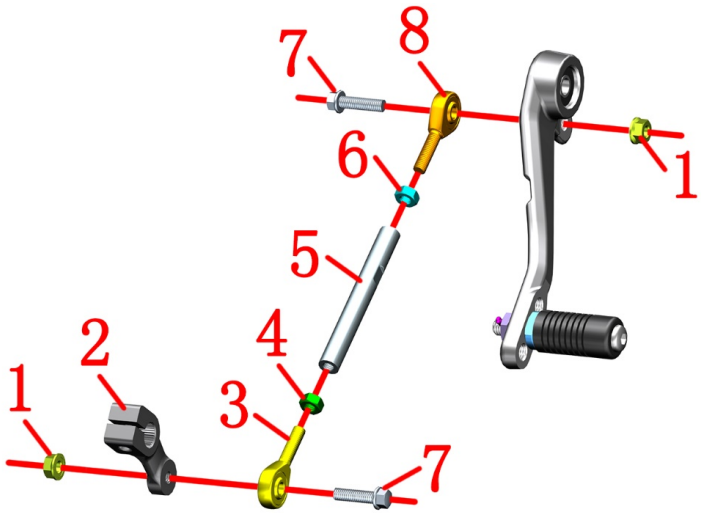
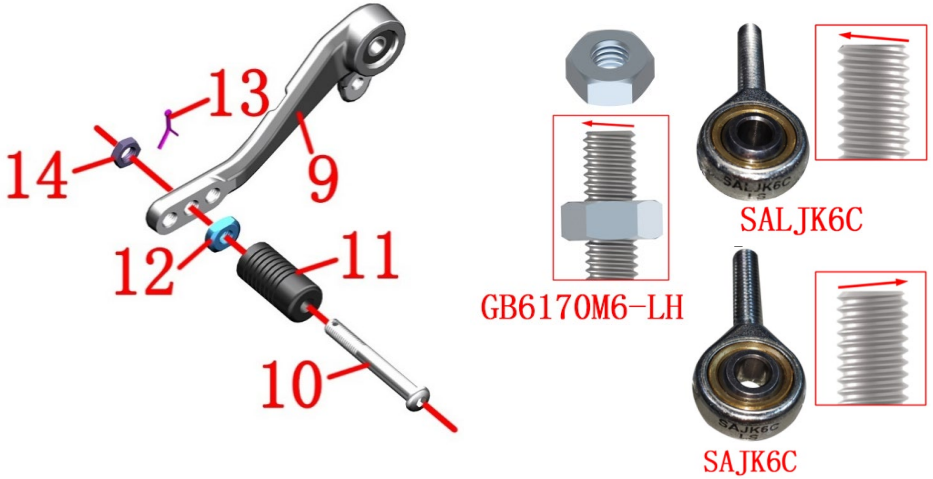


Fig.7 FOOT PEDAL COMPONENT		Left footrest component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250303-010093	GB6177.1M6 (environmental protection color)	2	
2	1271200-163000	ZT250－S shift lever spline rocker arm(dark gray)	1	
3	1274100-042000	Miniature rod end ball bearing SAJK6C	1	
4	1250301-020093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



PROCEDURE:

●Gear shift rod component

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

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

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

CAUTION:

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

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

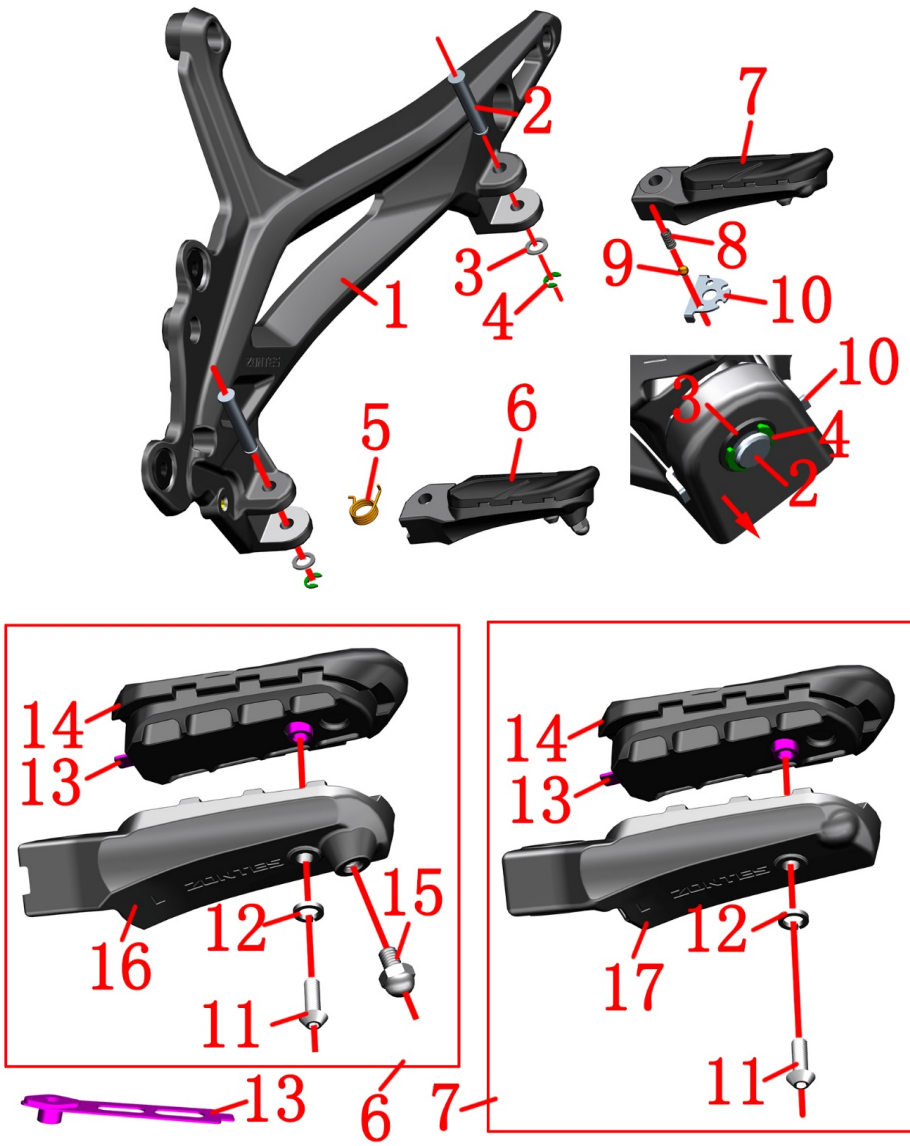


Fig.8 FOOT PEDAL COMPONENT		Left footrest component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4064300-022051	ZT350 left pedal support (dark gray matte)	1	
2	1274300-033000	ZT350-R Pedal pin	1	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	2	
4	1264100-006000	ZT250－S Pedal circlip	1	
5	1264100-003000	ZT250－S front left foot pedal torsional spring	1	
6	4064300-009051	ZT350-GK front left pedal assembly (dark gray matte)	1	
7	4064300-011051	ZT350-GK 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	
12	1250501-010000	GB93φ6 spring pad	2	
13	1274300-093000	ZT350-Gkfootrest gum cover fixed plate(10mm longer)	2	
14	1244300-013000	ZT310－T footrest gum cover	2	After-sales
15	1251100-167000	Non－standard ball head bolts M6×8	1	
16	4064300-005051	ZT310－GK L, front pedal	1	
17	4064300-007051	ZT350－GK rear left pedal	1	

PROCEDURE:

●Rear left pedal

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

●L, rear foot pedal

Disassemble circlip(4). Take off buffer rubbe(3) and foot pedal pin axle(2). Then pull out rear left foot pedal assembly (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(8) and stell ball(9) are relatively small,so be careful to lose them.

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

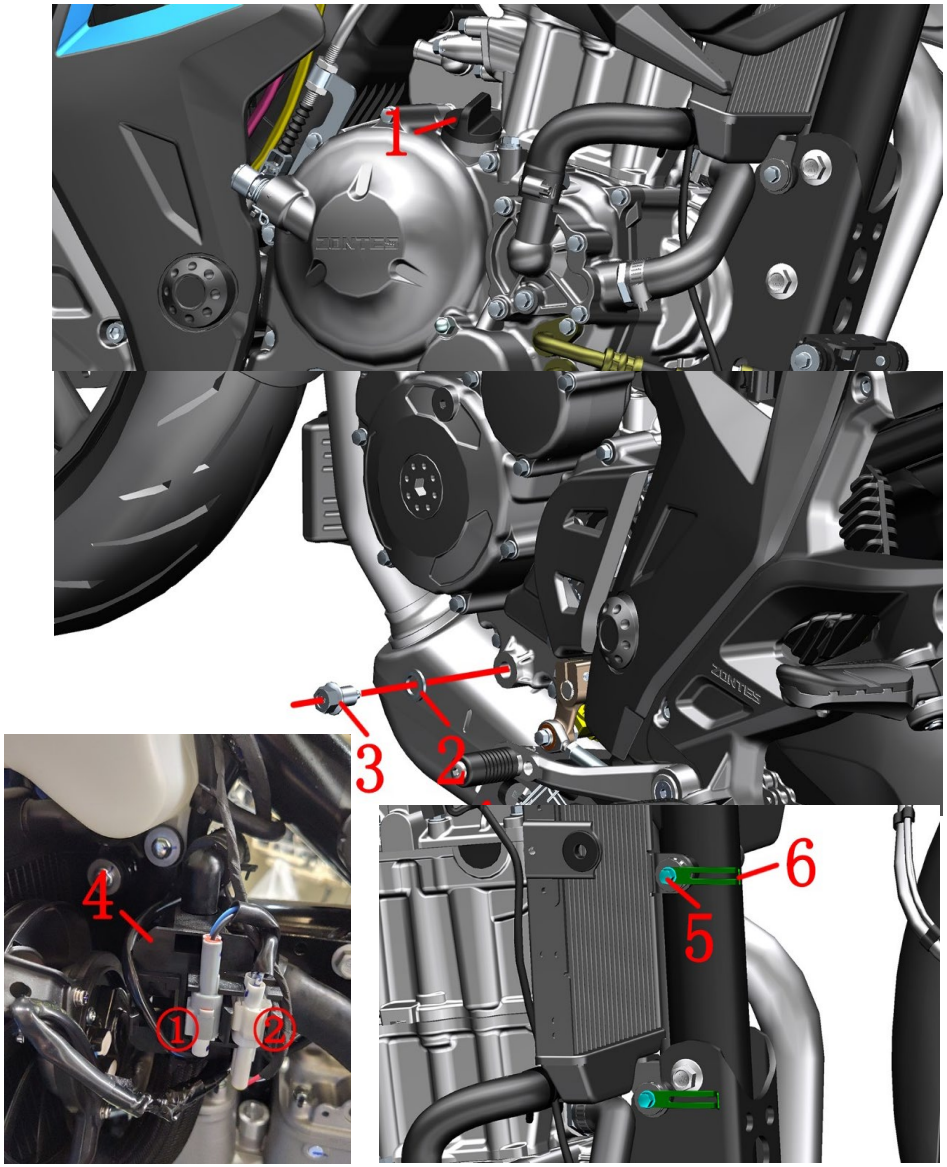


Fig.1 COOLING SYSTEM COMPONENT		Change engine oil	CHK / ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1050854-002000	ZT180MN Engine oil level gauge	1	
2	1244100-033000	Sealing gasket 12×φ20×2	2	
3	1251100-066093	M12×1.5×15 Oil draining bolt	2	24±4N.m
4	1224300-112000	ZT350－X wheel speed sensor plug holder	1	
5	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	2	
6	1276200-043000	φ6 wire clamp (L=57)	2	

PROCEDURE:

●wire clamp

Remove and unplug the plugs ① and ② in the figure from the clamp seat (4), and remove the clamp seat (4).Using 8# sleeve remove the 2 bolts(5), remove the clamp(6).

●Drain off the engine oil

Park the motorcycle with side stand on flat ground.

Rotate the engine oil level gauge(1) anticlockwise and take it out.

Disassemble the engine air guider before draining the engine oil is suggested.Otherwise, use a tool to guide the oil in case it contaminate the plastic covers.

Place holders to collect engine oil under draining bolt on the chassis (see left bottom photo) and draining bolt on the engine (see left middle photo).

Disassemble draining bolts(3) on the chassis and the engine. Take off sealing gasket(2). Drain thoroughly the engine oil.

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.

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 reassemble the engine oil gauge.

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

Run the engine at idling speed for 5 minuts than shut down the engine for 3 minuts. Check the engine oil level gauge. If oil level is lower than minimum mark, add more engine oil until liquid surface reaches maximum mark. Follow the steps above-mentioned and check again if engine oil leaks.

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.

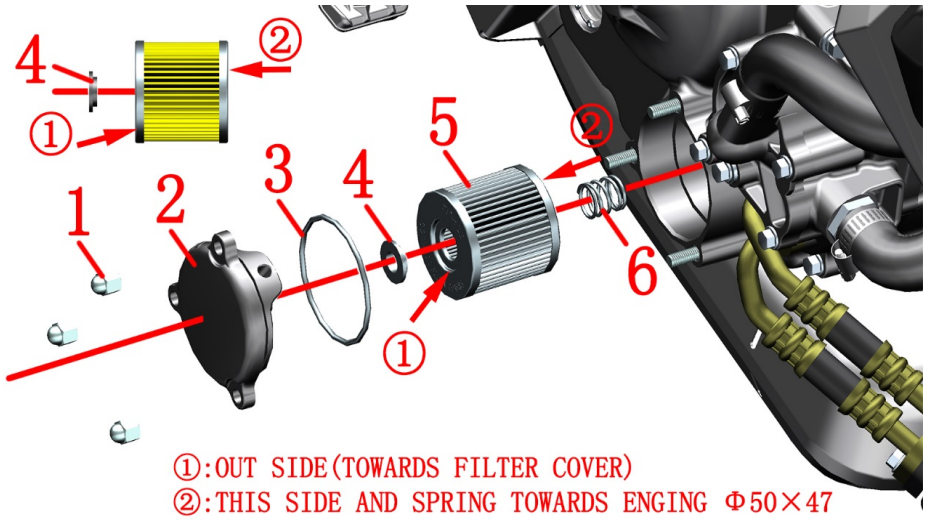


Fig.2 COOLING SYSTEM COMPONENT		Change engine oil filter	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-096000	Non-standard cover type 9 degree nut M6×13	3	
2	4050454-014051	ZT180MN fine filter cover A (dark gray)	1	
3	1051454-020000	55×2.5 acrylate adhesive O shape circle	1	after-sale
4	1051454-005000	ZT180MN Engine oil refined filter seal ring	1	
5	4134300-001000	ZT184 refined filter seal component	1	【1】
6	1050853-009000	Φ16.4×17×1.6 Spring for filter	1	

PROCEDURE:

●Change engine oil filter

Place an oil pan under the engine right crankcase cover.

Remove the 3 plywood nuts(1) with 10# sleeve.

Rotate slightly engine oil refined filter cover(2) and take it off when it is loosen.

Take off seal ring(4)and O shape circle(3). Change engine oil filter(5).

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

When reassembling, pleas check carefully if the spring(6), seal ring(4) are well installed. Engine oil filter can not be turned over when assembling.

During assembly, first install the fine filter cover (2) and sealing gasket, and then put it on the fine filter.

CAUTION:

●Ensure every component is well assembled.

●To change engine oil filter and seal ring(4) at the same time is suggested.

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

●【1】The ZT180 refined filter seal component already included oil filter、55×2.5 acrylate adhesive O shape circle(3) and ZT180MN Engine oil refined filter seal ring(4).

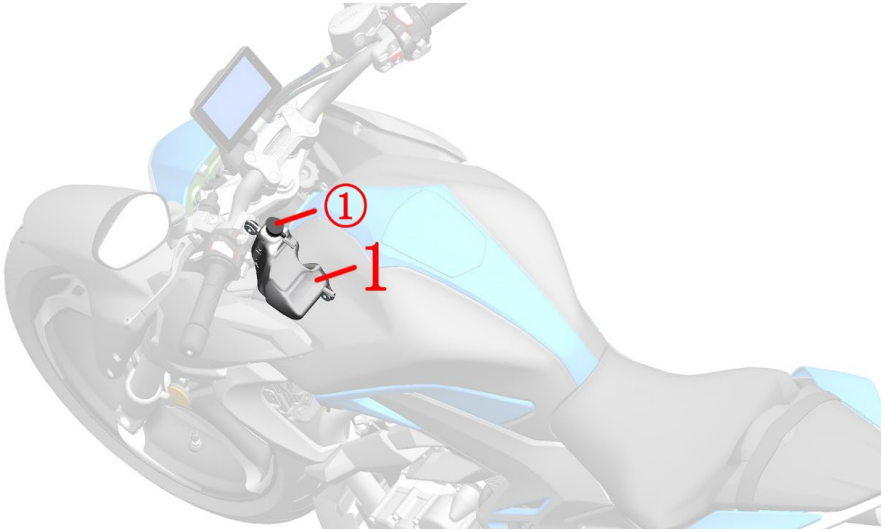


Fig.3 COOLING SYSTEM COMPONENT		Change engine oil	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-006000	ZT310－R sub cooling liquid tank	1	
2	1051954-016000	TOTAL antifreeze liquid (-35 ° C, 4L)	1	1.44L

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 lid① 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 1440ml.

●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.

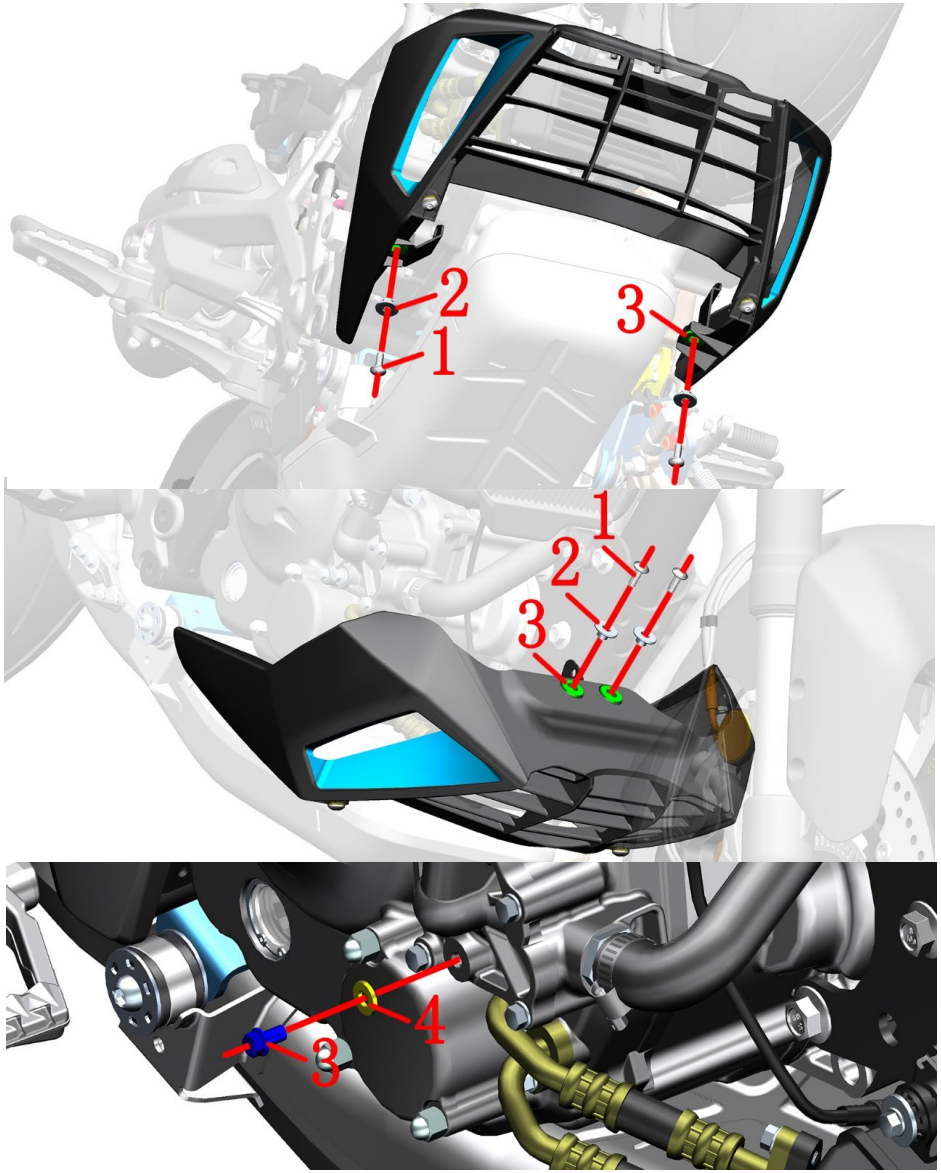


Fig.4 COOLING SYSTEM COMPONENT		Draining cooling liquid	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non standard bolt M6×16（304 stainless steel）	4	
2	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	4	
3	1251112-001093	M6×16 Hex flange bolt（environmental color zinc）	1	
4	1051654-002000	Seal gasketφ6×13×1.8	1	

PROCEDURE:

●Engine fairing assembly

Lift the motorcycle with platform. Hold the engine fairing assembly with one hand and disassemble 4 bolts(1) with the other hand by using hex socket tool. Then take off bush(2). Place properly the engine fairing assembly after taking it off.

●Drain the cooling liquid

Open the sub cooling liquid tank cover. Put a holder under it. Wear waterproof gloves and disassemble bolt(3) with socket sleeve. Take off seal gasket(4). Cooling liquid starts draining. When the cooling liquid in sub cooling liquid tank is all out, open the right cooling liquid tank cover to accelerate the draining of cooling liquid in the cooling system.

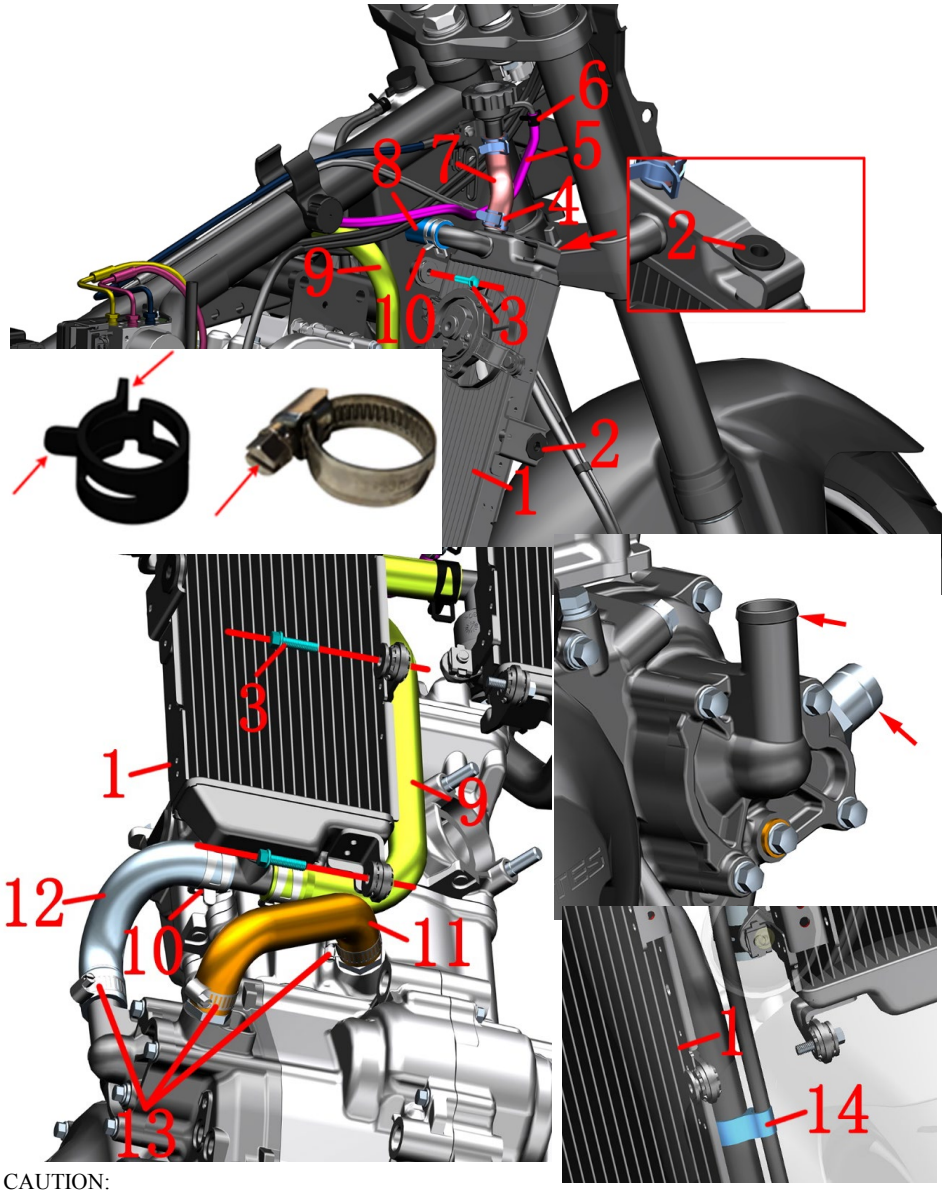
Wipe out all of the cooling liquid on surface every component with a clean cloth.

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. For more details, see "Attention" of previous page.



CAUTION:

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

Fig.5 COOLING SYSTEM COMPONENT		Right cooling liquid tank component-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 gum cushion	2	
3	1251100-061093	M6×22 Hex flange bolt	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	310R connecting water pip of left and right water tank	1	
9	1244200-021000	ZT310－R small cyclic water pipe	1	
10	1274200-090000	ZT310 water pipe clamp（φ26）	3	
11	1244200-012000	ZT310－R water pipe of engine	1	
12	1244200-098000	ZT310－R Engine cooling liquid intake tube(sliding clutch)	1	
13	1274200-041000	ZT310 Water pipe clamp （φ26）	3	
14	1224300-050000	ZT350-GK auxiliary water tank connecting water pipe	1	

PROCEDURE:

●Sub cooling liquid connecting tube

Use a plier to clamp the hoop of cooling liquid tube(6) and move towards right cooling liquid tank. After it is off from the connecting tube of sub cooling liquid tank, 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. After unplugging the fan cable connector, hold the right water tank assembly with one hand, and remove the three bolts (3) with 8# sleeve with the other hand. After unplugging the fan cable connector, the right water tank (1) and water pipe clamp (14).

Separate the round rubber (2) of the two side covers 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.

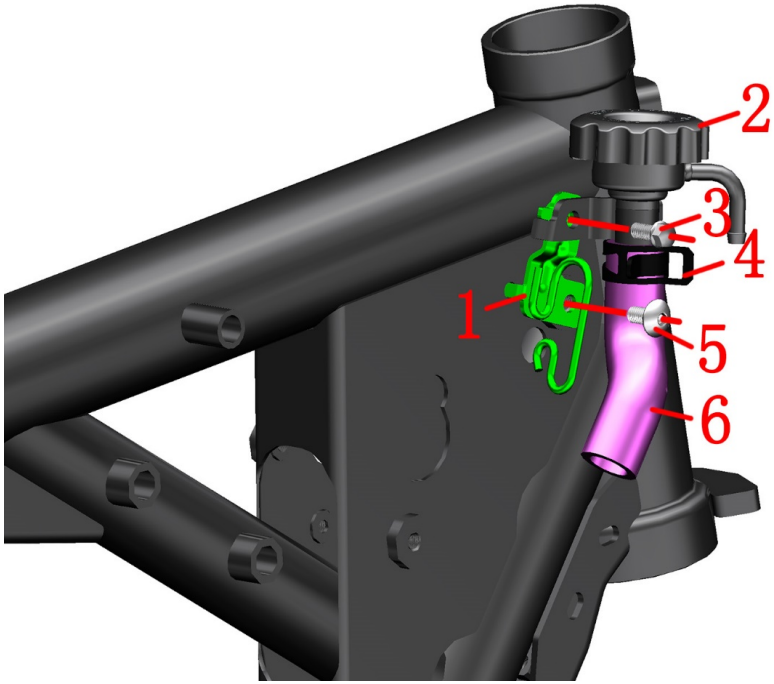


Fig.6 COOLING SYSTEM COMPONENT		Right cooling liquid tank component-2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
2	1224300-020000	ZT350-R water tank filling port	1	
3	1250104-006097	GB16674M6×12 (chromed/HH)	1	
4	1274200-089000	ZT310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

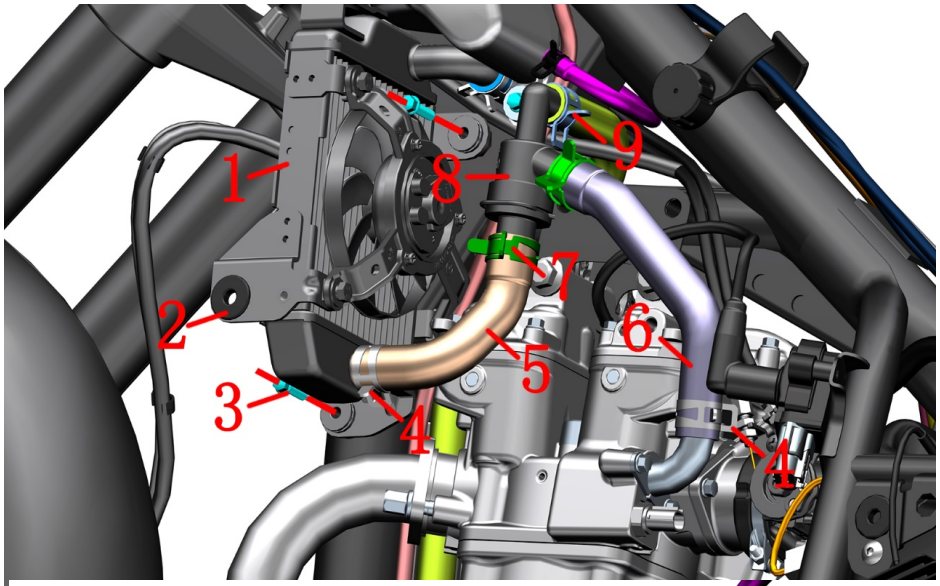
PROCEDURE:

● filler assembly

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

CAUTION:

● Remove the right water tank assembly first



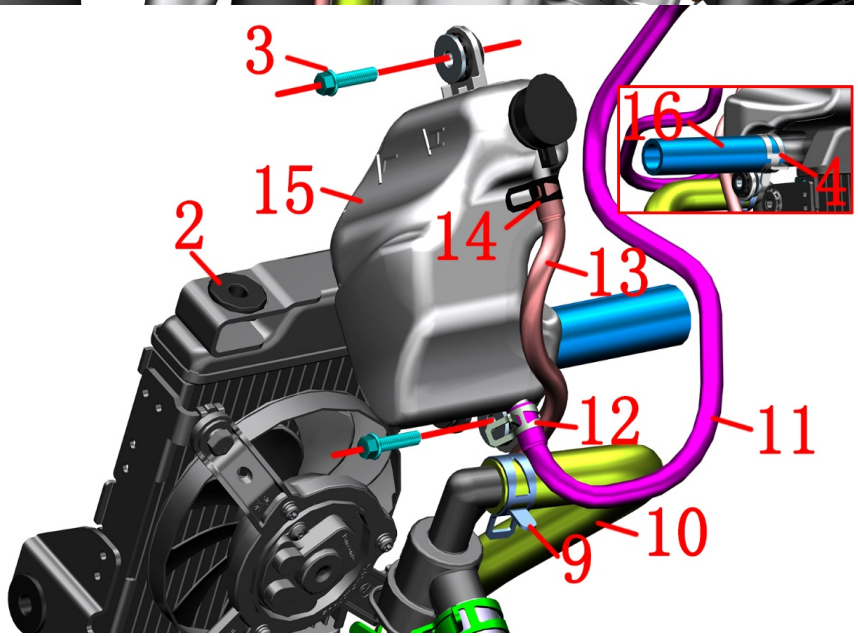


Fig.7 COOLING SYSTEM COMPONENT		Left cooling liquid tank component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1274300-023000	ZT350-R left water tank	1	
2	1244100-002000	ZT250－S Side cover round rubber	2	
3	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	4	
4	1274200-090000	ZT310 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	310-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 clamp of the water inlet pipe (6) and the circulating water pipe (9) of the engine with pliers, and then pull out the two clamps from the water inlet pipe of 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. For more details, see "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.

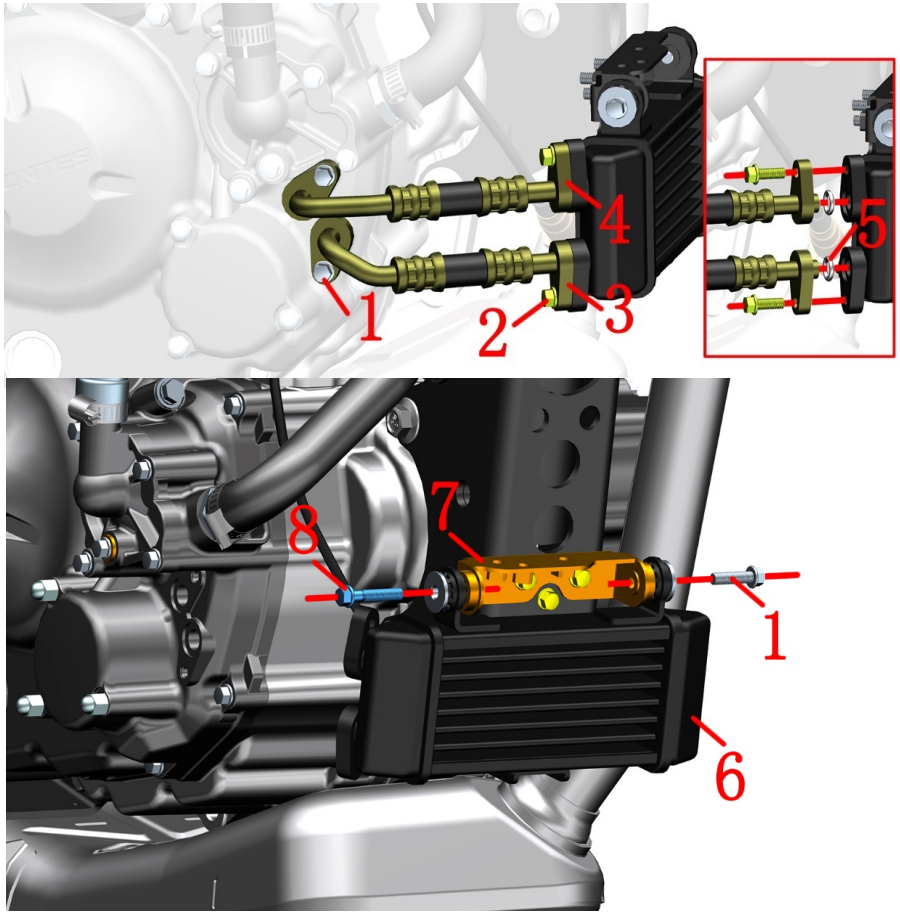


Fig.8 COOLING SYSTEM COMPONENT		Oil cooler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	3	
2	1251112-001093	M6×16 Hexagon flange bolts (color zinc)	2	
3	1244300-007000	ZT350－GK oil outlet pipe of engine	1	
4	1244300-008000	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 bolt(2) and bolt(1) fixing the oil pipe, and remove the oil inlet pipe(4), oil outlet pipe (3) and O-ring(5).

Remove bolt(8) and 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 first.

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

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

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

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

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

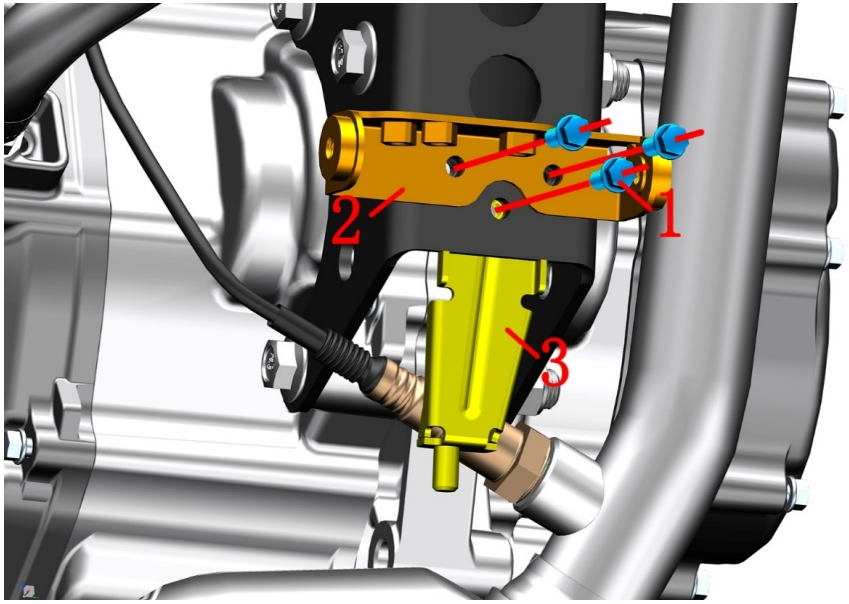


Fig.9 COOLING SYSTEM COMPONENT		Oil cooler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hex flange bolt(environmental color zinc)	3	
2	1274300-036000	ZT350－R upper bracket of oil cooler	1	
3	1274300-037000	ZT350－R lower bracket of oil cooler	1	

PROCEDURE:

●Oil cooler bracket

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

CAUTION:

●It is necessary to remove the lower shroud.

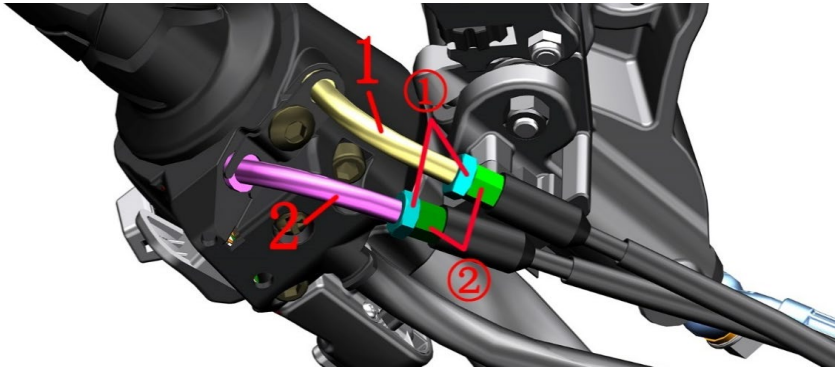
●Disassembling the cooling system while the motorcycle is hot is prohibited. Wait until the engine and muffler cool down thoroughly for the manipulation.

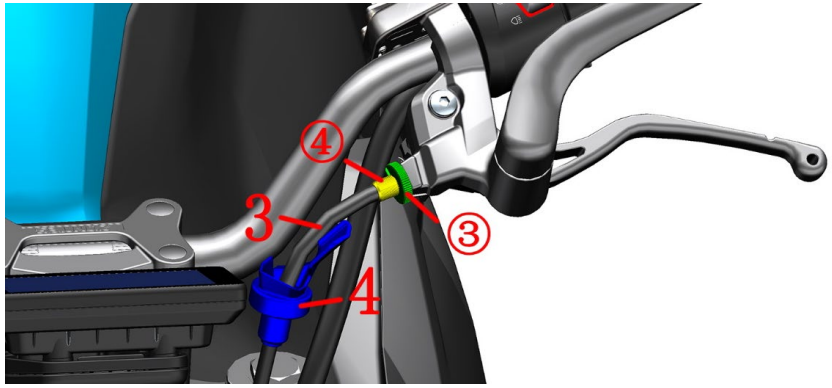
●Wasted engine oil should be collected and hand over to qualified facilities for further treatment. Do not pour the oil anywhere and avoid pollution of environment and water source.

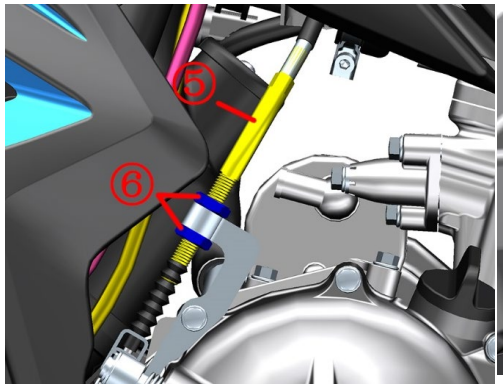
●Do not disassemble the oil tube violently in case of deformation of bush.

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

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







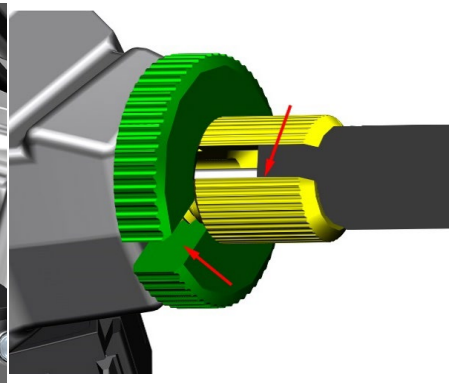


Fig.1 FRONT FORK COMPONENT		Throttle/clutch cable clearance adjustmen	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1154300-004000	ZT350-X throttle refueling line	1	
2	1154300-005000	ZT350-X throttle return line	1	
3	1154300-001000	ZT350-R clutch cable	1	
4	1244200-046000	ZT310-V clutch line sheath	1	

PROCEDURE:

●Throttle cable

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

●Clutch cable

Fine adjustment:

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

Big adjustment:

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

CAUTION:

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

●Throttle line adjustment should be noted as follows:

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

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

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

●The clutch adjustment should be noted as follows:

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

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

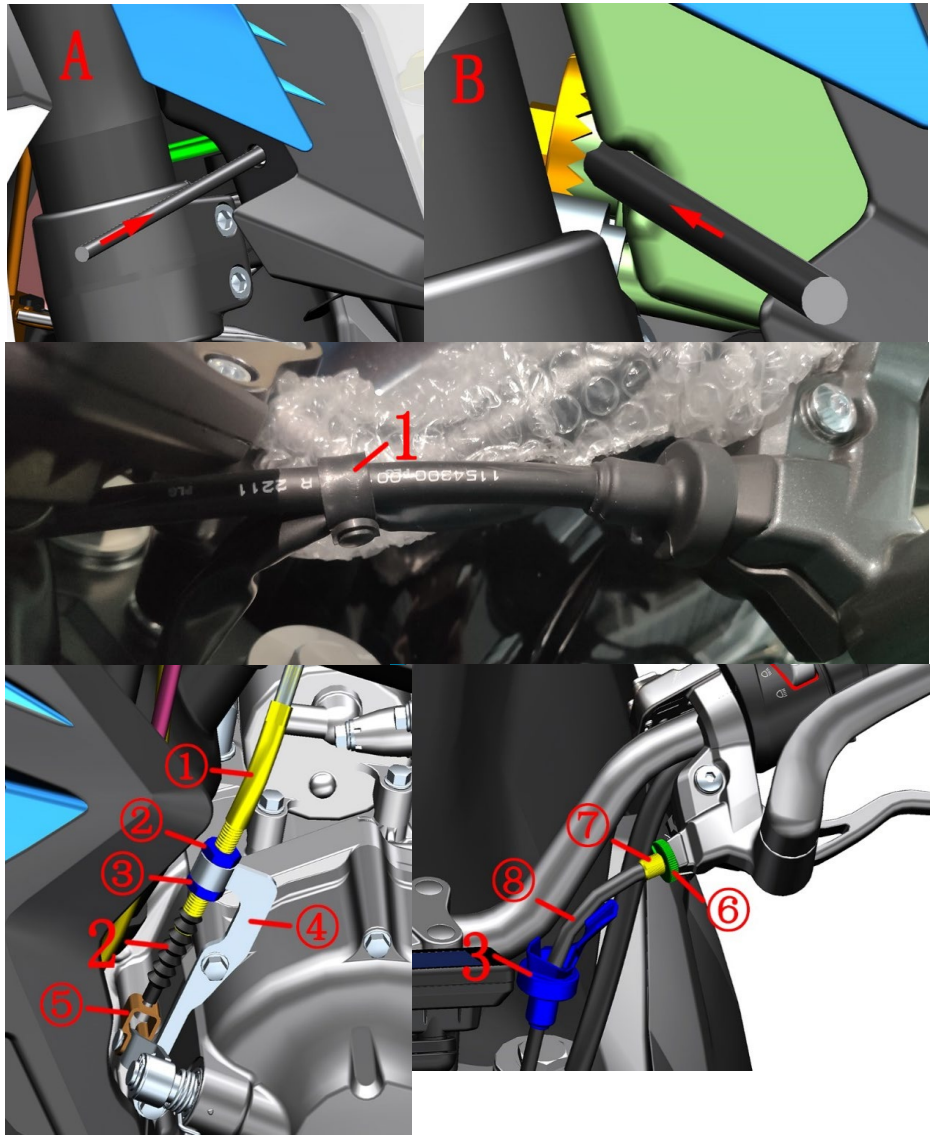


Fig.2 FRONT FORK COMPONENT		light height adjustment,Replacement clutch cable	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-023000	ZT310 rubber buckle (50mm)	1	
2	1154300-001000	ZT350-R clutch cable	1	
3	1244200-046000	ZT310-V clutch line sheath	1	

PROCEDURE:

●Light height adjustment

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

●Remove the cluch cable

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

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

Remove the clutch cable.

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

●Install the clutch line

Put protective rubber sleeve (3) into clutch elbow.

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

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

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

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

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

Initially position the nut ② first, adjust the free stroke adjustment in the clutch cable adjustment, and then lock the nut ③. Finally, reset the protective rubber sleeve (3).

CAUTION:

●Light height adjustment should be noted as follows:

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

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

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

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

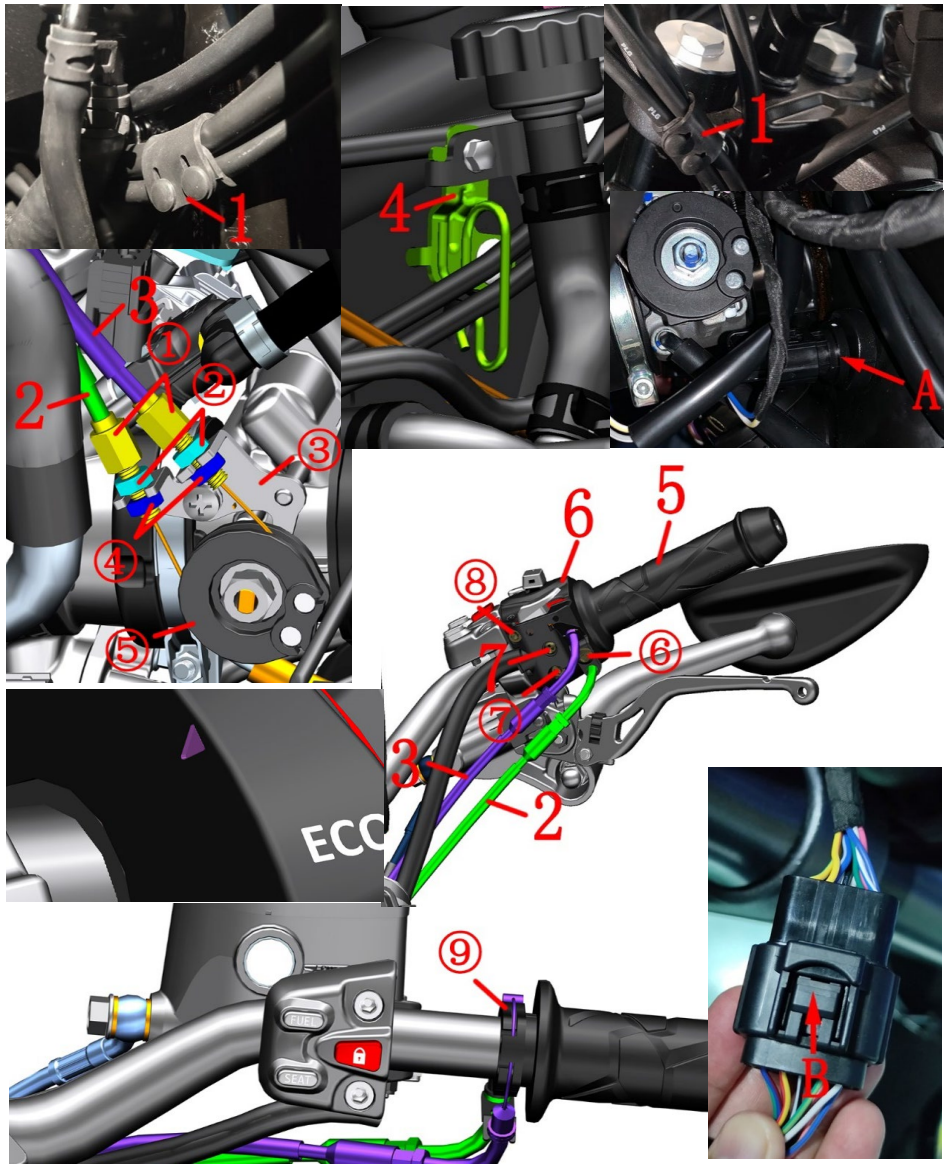


Fig.3 FRONT FORK COMPONENT		Replace the throttle cable	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-042000	ZT310 rubber buckle (double buckle type)	2	
2	1154300-004000	ZT350-X throttle refueling line	1	
3	1154300-005000	ZT350-X throttle return line	1	
4	1274300-025000	ZT350-R water tank water inlet fixing bracket	1	
5	1244100-042000	ZT250-R right handle bar rubber sleeve	1	
6	1184200-185000	ZT310-V1 right handlebar switch	1	
7	1251100-219000	Cross ball screw M5×30	1	After-sales

CAUTION:

- The motorcycle support should be fixed during disassembly to prevent accidents caused by incline.
- Before replacing the clutch line, it is necessary to disassemble the seat cushion, fuel tank, liner, side cover, etc.

PROCEDURE:

- Disassemble the throttle cable

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

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

Thread the throttle cable through the gap of the fixing bracket(4).

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

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

- Install the throttle cable

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

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

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

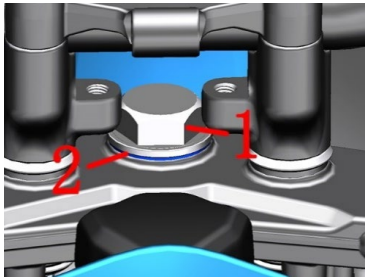
Put the oil return line into the bracket ③, and fit the connector into the turntable ⑤.

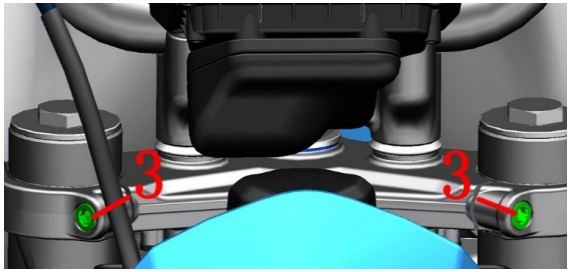
Put the oil line into the bracket ③, then turn the turntable ⑤ to a certain angle, and then insert the connector.

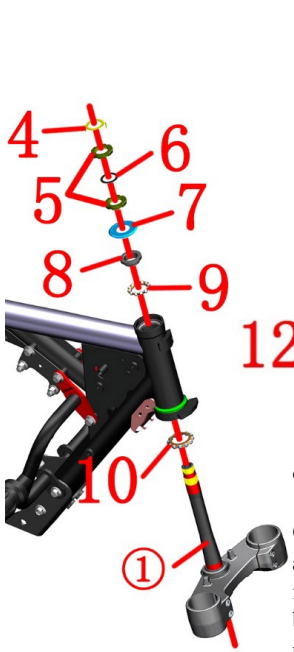
Refer to the method of adjusting the gap to adjust the throttle line clearance; after adjusting the left and right direction of rotation, there should be no change in idle speed and flexible reset. Lock nuts ② and ④.

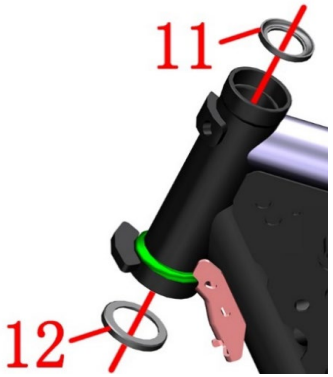
- Right handlebar switch

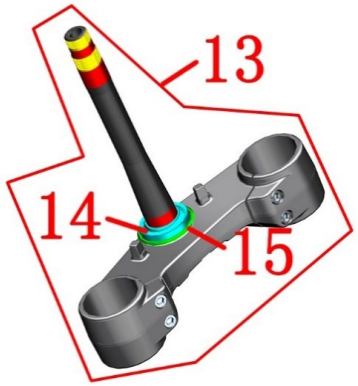
Press the arrow "B" pointing to the buckle and pull out the plug of the right handlebar switch(6).











● Steering bearing

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

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

CAUTION:

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

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

Fig.4 FRONT FORK COMPONENT		Steering adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-088000	ZT350-R upper connection decoration nut M22×1	1	100N.m
2	1274200-018000	ZT310－R gasket of upper connecting board	1	
3	1250205-023000	GB70.1 inner hexagonal M8×35 (color zinc)	2	25N.m
4	1134100-007000	ZT250－S Adjusting nut locking washer	1	
5	1251300-046093	ZT250－S direction column adjusting screw nut M24X1 (environmental color zinc)	2	
6	1244100-015000	ZT250-S Adjusting nut rubber pad	1	
7	1244300-014000	ZT350-R upper dust cover	1	
8	1130900-024000	ZT250－S shaft ring	1	
9	1130900-022000	ZT250－S conjoined steel ball	1	
10	1134300-002000	ZT350－R conjoined steel ball	1	
11	1130900-026000	ZT250-S upper steel bowl	1	
12	1134300-001000	ZT350-R lower seat ring	1	
13	4094300-002051	ZT350-R lower coupling plate（including lower shaft ring and lower dust cover)	1	
14	1134300-003000	ZT350-R lower shaft ring	1	After sales only
15	1244300-015000	ZT350-R lower dust cover	1	

PROCEDURE:

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

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

●Check steering device

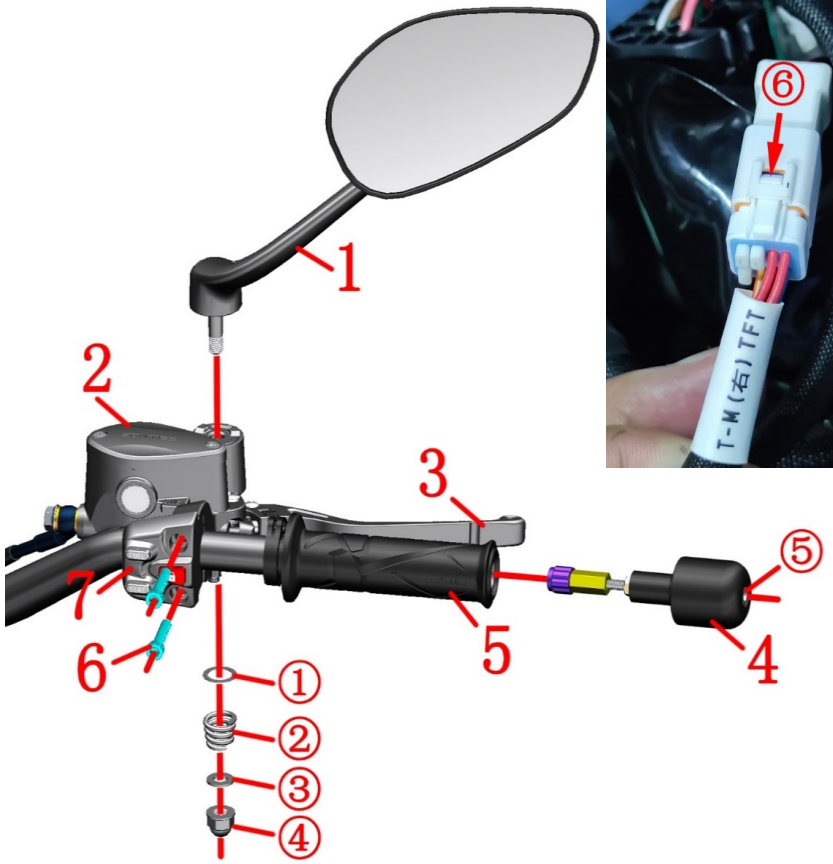
Set up the front wheel and shake the lower part of the fork by hand to check if the steering shaft is loose or if the left and right rotations are not flexible.

Adjust the adjustment nut:

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

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

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



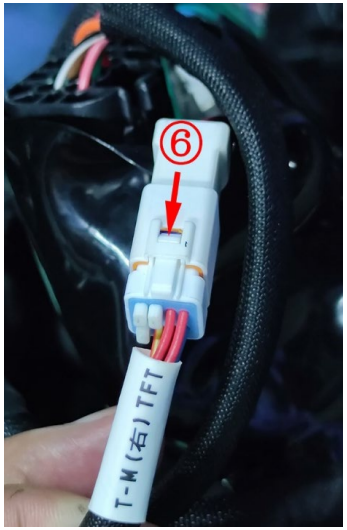


Fig.5 FRONT FORK COMPONENT		Right hand component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-409051	ZT310-VX right rearview mirror (dark gray)	1	
2	1100100-831000	ZT350－GK front disc brake main pump assembly (φ 14)	1	
3	1100100-833000	ZT350－GK front brake handle (CNC)	1	
4	1134200-023000	ZT250-R balance block	1	
5	1244100-042000	ZT250－R right handle bar rubber sleeve	1	
6	1250205-031091	GB70.1M6×30（stainless steel）	2	
7	1186200-012000	ZT310T-M second generation right hand switch (dark gray TFT-500)	1	

PROCEDURE:

●Rearview mirror

Hold the mirror stem in one hand, using 14# sleeve remove the nut ④ with a sleeve, and remove the small pad ③, the spring ② and the large pad ①. Remove the mirror from the front brake master pump.

●Right handle bar rubber sleeve and balance block

Loosen the bolt ⑤ with 5# hexagon socket and pull out the balance weight (4) outward. Remove the balance weight (4) and the rubber sleeve (5) of the right handle.

●Generation right hand switch

Find and press the snap indicated by arrow⑥,then take off the plug of the generation right hand switch.

Fix the main pump (2) of the front disc brake with one hand, and remove the bolt (6) with 5# inner hexagon socket tool with the other hand, and remove the right auxiliary handle switch(7) .

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

CAUTION:

●Remove the head part component first.

●The motorcycle should be fixed after horizontal support.

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

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

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

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

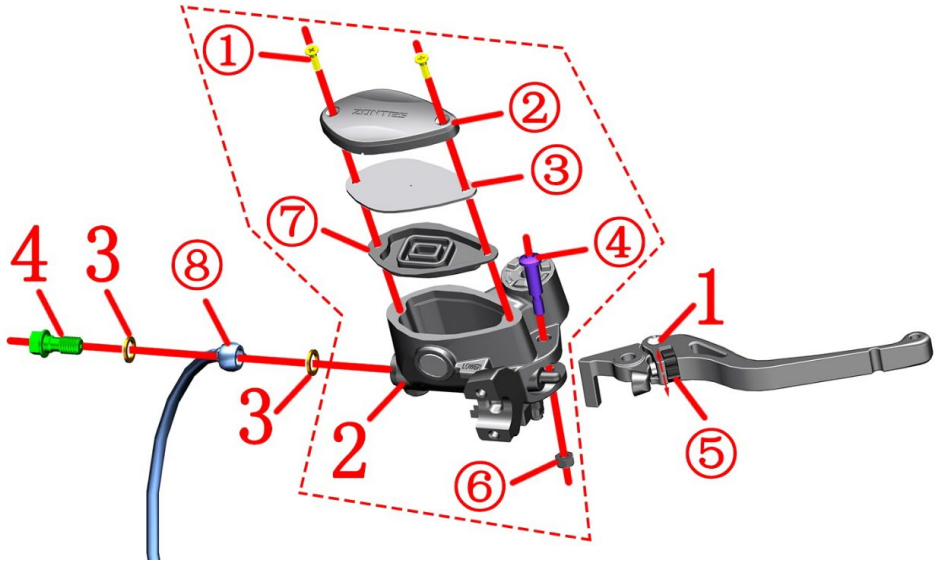


Fig.6 FRONT FORK COMPONENT		Add brake fluid, rocker adjustment	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-833000	ZT350-GK front brake lever (machine addition)	1	
2	1100100-831000	ZT350-GK front disc main pump assembly（φ14）	1	
3	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5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

CAUTION:

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

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

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

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

●Keep brake fluid away from children and pets.

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

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

PROCEDURE:

●Front disc brake main pump

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

●Handle

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

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

●Add brake fluid

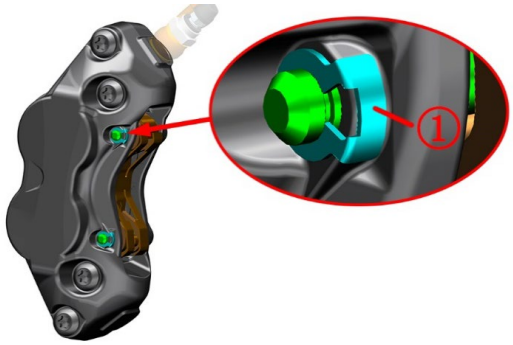
Before driving the motorcycle, check whether the brake fluid level is above the “LOWER” marking. If not, check the brake disc or brake disc for wear and whether there is any oil leakage or oil leakage in the brake system. Abnormal needs to add brake fluid.

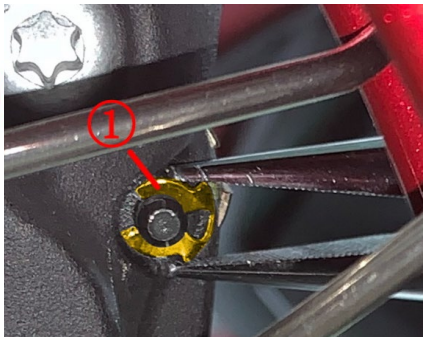
The brake fluid can only be added after the motorcycle is fixed horizontally.

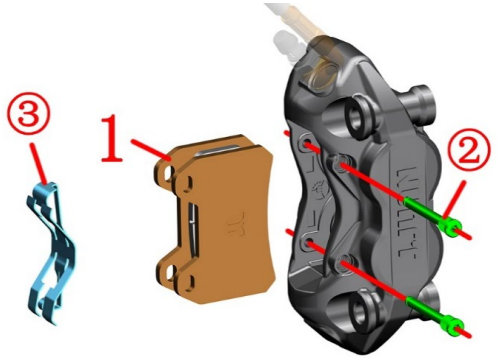
Remove the bolt ① with a Phillips screwdriver and remove the upper cover②, the cover plate③, and the seal gasket ⑦.

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

Be sure to clean the foreign body before reassembling it.







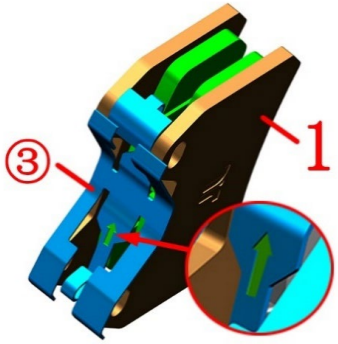


Fig.7 FRONT FORK COMPONENT		Replace the front brake pads	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1100100-827000	ZT350-GK front radial caliper brake pad	1	After-sales

PROCEDURE:

●Replace the front brake pad

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

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

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

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

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

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

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

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

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

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

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

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

CAUTION:

●The motorcycle support should be fixed before operation.

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

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

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

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

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

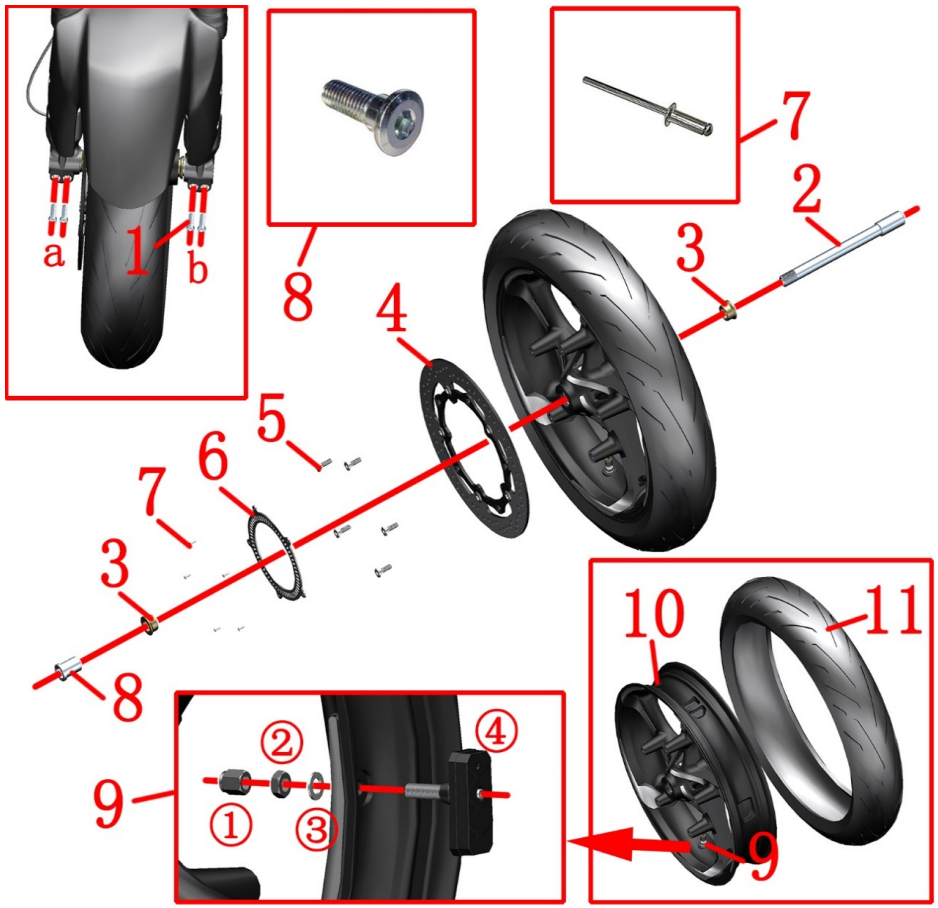


Fig.8 FRONT FORK COMPONENT		Front wheel component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-023000	GB70.1 inner hexagonal M8×35 (environmental color)	4	20N·m
2	1094100-063000	ZT310T-M front wheel hollow shaft Φ20×243	1	
3	1274300-008000	ZT350-GK front tire shaft sleeve	1	
4	1274300-007000	ZT350-GK ABS induction ring gear (60 teeth)	1	
5	1251100-117093	Non-standard inner hex bolt M8×25(color zinc)	5	22～24N·m
6	1100100-783000	ZT350-GK front brake disc plate(320×5.0)	1	
7	1250402-001091	GB12615φ3×10	5	
8	1094100-037000	ZT250-R front wheel right fixed bushing	1	
9	1184300-034000	ZT350 tire pressure sensor (M8 straight head)	1	
10	1094300-007021	ZT350－GK front aluminum wheel	1	
11	1230100-558000	120/70ZR17 CM－S3（58W） TL E4	1	

PROCEDURE:

●Tire and wheel component

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

●Brake disc, ABS ring gear

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

●Tire and wheel component

First unscrew the valve cap ② and drain the air. Remove the tire (11) with a professional tire puller. When pulling the tire, avoid the position of the tire pressure sensor. Using 12# open ended spanner remove the bolt ②,romove the gasket③ and tire pressure sensor④.

CAUTION:

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

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

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

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

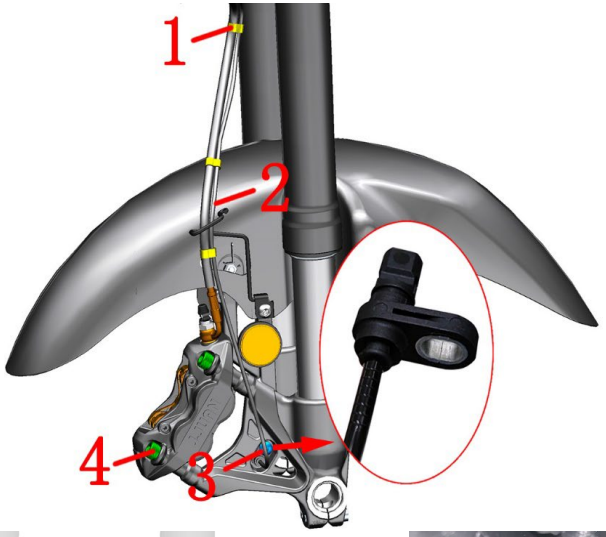
●Maintenance items

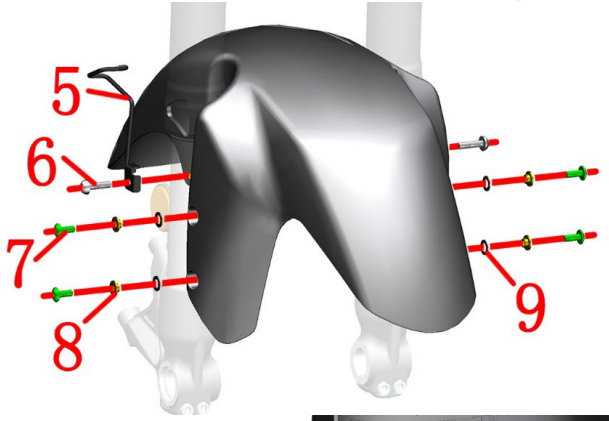
Rim: check the rim for deformation, cracks and other defects. Support the rim horizontally and rotate it to check whether there is clamping stagnation, swing, etc.

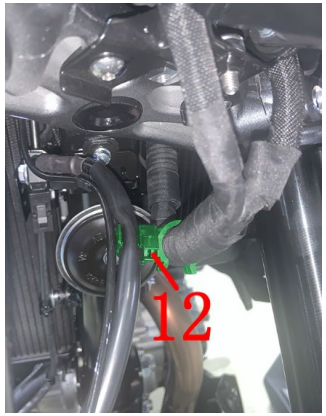
Tires: regularly check whether the tires have cracks, cracks, air pressure, etc. If the tire has been worn to the tread wear mark, the tire of the same specification and model must be replaced. Refer to the relevant contents of the manual for details. Tires are not suitable for use in areas with low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

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

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







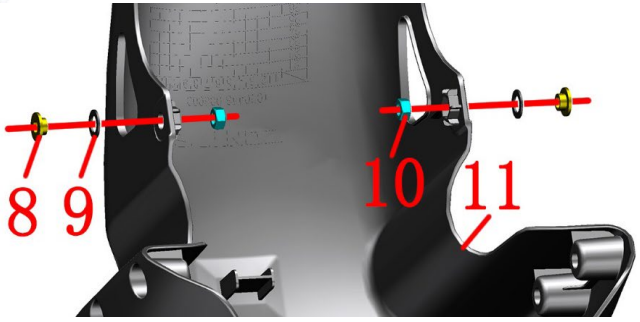


Fig.9 FRONT FORK COMPONENT		Front mud board & wheel speed sensor component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-044000	Wheel speed sensor clamp	3	
2	1181200-118000	Wheel speed sensor(A)	1	
3	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	1	
4	1251100-303093	Gb70.1 Inner hexagon bolt M10 × one point five × 60 (grade 10.9 / environmental color zinc)	2	
5	1274300-109000	ZT350-R Front oil outlet pipe clamp	1	
6	1251100-121093	Non-standard bolt M6×25 (environmental color)	2	
7	1251100-102000	Non-standard bolt M6×16（304 stainless steel）	6	
8	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
9	1244100-052000	Buffer rubber of flanging bushing （φ8.5×φ14×1）	6	
10	1250301-020093	GB6170M6 (environmental color)	2	
11		ZT350-R front fender	1	
12	1010407-002000	Double hole clamp (Φ8.5 with Φ17.5)	1	

PROCEDURE:

●Wheel speed sensor

Pull out the plug of the wheel speed sensor (2) and (12), then remove 2 pcs clamp(1).Remove bolt(3) with 4# inner hexagon socket,take off the bolt(2).

●Front disc brake caliper

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

●Front mud board component

Hold the front mud board component with your hand and then remove the 4 bolts(6) and 2 bolts (7) with a 4# inner hexagon socket and 6# inner hexagon socket.Remove the bushing (8) and buffer rubber (9) respectively; Remove the front mudboard assembly.

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

CAUTION:

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

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

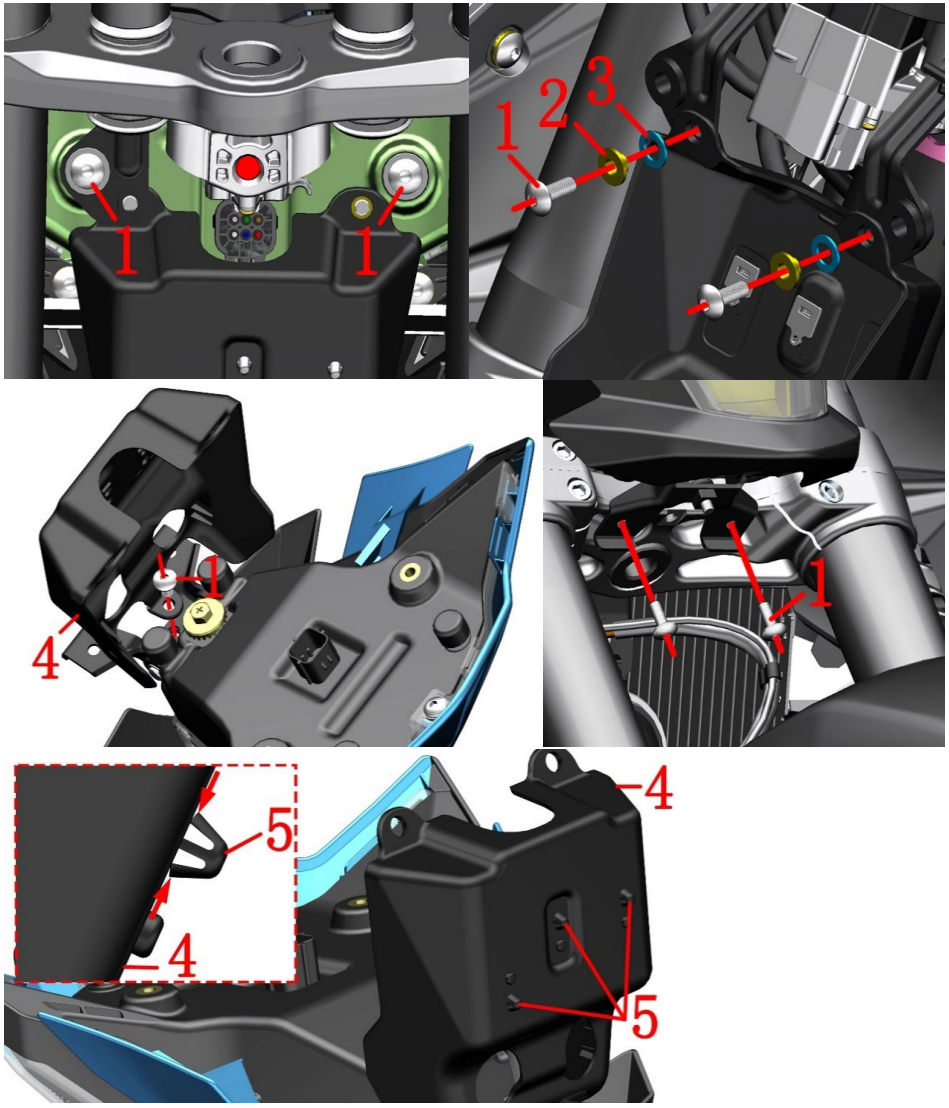


Fig.10 FRONT FORK COMPONENT		Head component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	7	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	2	
3	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	2	
4	1224200-007000	ZT310-R storage box	1	
5	1224300-085000	ZT350-R cable plastic staple	3	

PROCEDURE:

●Head assembly

After holding the head assembly, turn the left and right directions to the bottom respectively. Remove the bolts and remove the bolts (1).

After holding the head unit, tilt it forward and remove all the cable connectors.

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

Hold the head assembly and remove the bolt (1), remove the head assembly.

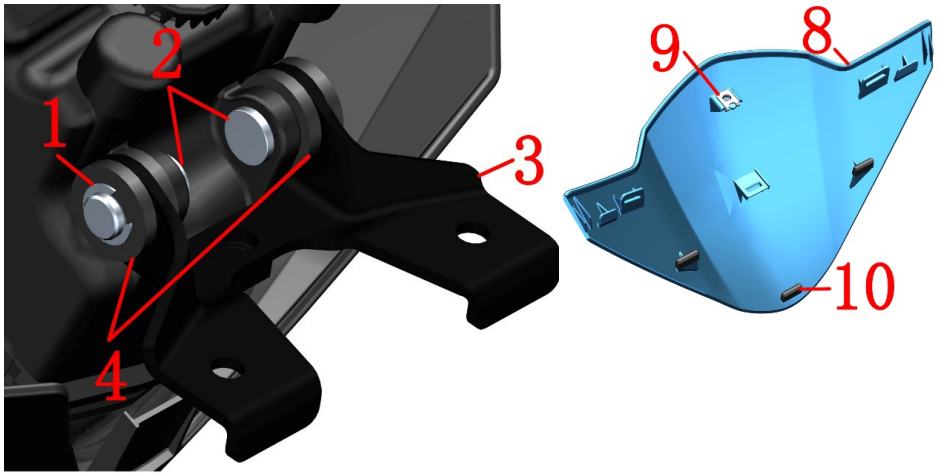
Use a pair of pliers to clamp in the direction of the arrow with a little force and then push the threaded clip (5) out of the storage box.

Remove the wire box(4) from the head assembly after removing the bolt(1).

CAUTION:

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

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



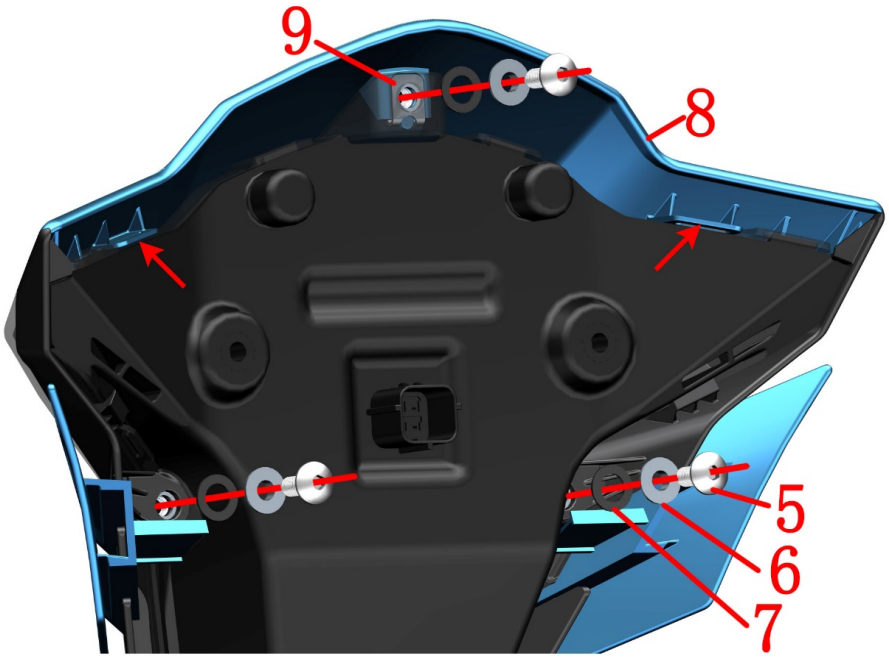


Fig.11 FRONT FORK COMPONENT		Headgear headlight component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1264100-006000	ZT250-S pedal circlip	2	
2	1274200-024000	ZT310-R headlight rotating pin	2	
3	1274200-007000	ZT310-R headlight lower bracket	1	
4	1240400-007000	HJ125-3 battery bracket cushion rubber ring	2	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	3	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	3	
7	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	3	
8		ZT310-R headlights on the decorative cover	1	
9	1251300-063093	Splint M6×11×15 (environmental color)	1	
10	1244200-005000	ZT310-R hood cushion rubber	3	

PROCEDURE:

●Headlight bracket

Locate the notch of the circlip(1), push the circlip from the pin(2) with a tool, and then remove the circlip and pin.

After the headlight lower bracket assembly is removed, the cushion rubber ring(4) is separated from the headlight lower bracket(3).

●Headlight cover

Place the headlamp headlight assembly. It is recommended to place a soft cloth or sponge underneath to prevent scratching the headlight cover.

Remove the bolt(5); remove the bushing(6) and the cushion rubber(7).

Use a small flat-blade screwdriver to insert the trim cover and the headlight gap (as indicated by the arrow in the lower left figure), open the decorative cover limit buckle, hold the headlight cover in one hand and fix it, push the top of the decorative cover with one hand and push forward. Separate the trim cove(8) from the headlight assembly.

Remove the splint nut(9) and the hood cushion rubber(10) from the trim cover(8).

CAUTION:

●Protect protective measures to prevent scratching the lampshade or paint finish.

●Pay attention to the force when opening the buckle to prevent the buckle from breaking due to excessive force.

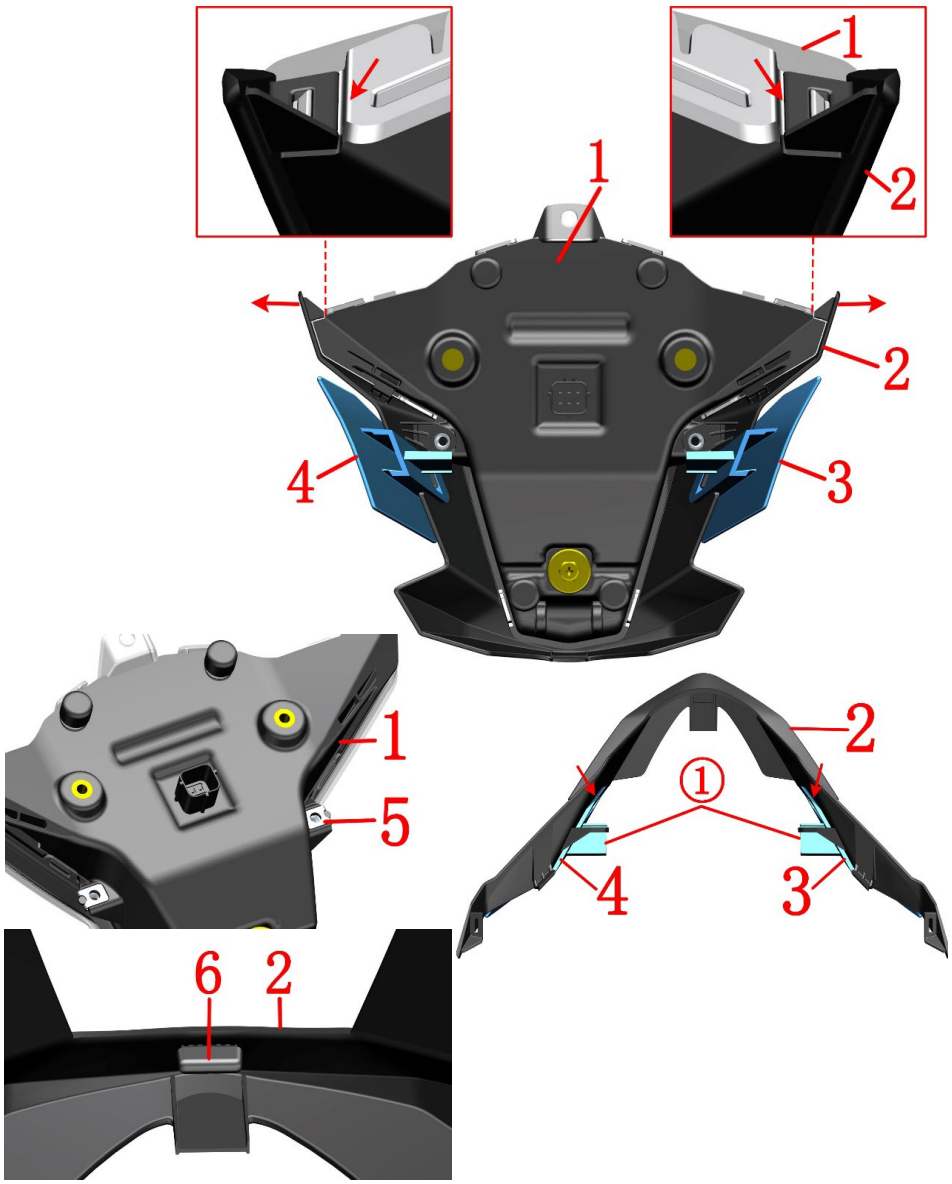


Fig.12 FRONT FORK COMPONENT		Headgear headlight component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174300-001000	ZT310-R front combination headlights	1	
2		ZT310-R hood	1	
3		ZT310-R hood right decorative cover	1	
4		ZT310-R hood left decorative cover	1	
5	1251300-063093	Splint M6×11×15 (environmental color)	2	
6	1244200-005000	ZT310-R hood cushion rubber	1	

PROCEDURE:

●Head cover assembly

Use a small flat-blade screwdriver to insert the hood and the headlight gap (as indicated by the arrow on the upper left). Open the buckle, hold the headlights in one hand and fix it. Pull the top of the head cover forward and pull the hood. The assembly is separate from the headlight assembly.

Remove the splint nut (5) from the headlight assembly.

Remove the hood cushion rubber (6) from the hood assembly.

Use a small flat-blade screwdriver to insert the hood and trim cover gap (as indicated by the arrow in the lower right corner) to open the buckle and separate the hood cover from the hood.

CAUTION:

●Protect protective measures to prevent scratching the lampshade or paint finish.

●Pay attention to the force when opening the buckle to prevent the buckle from breaking due to excessive force.

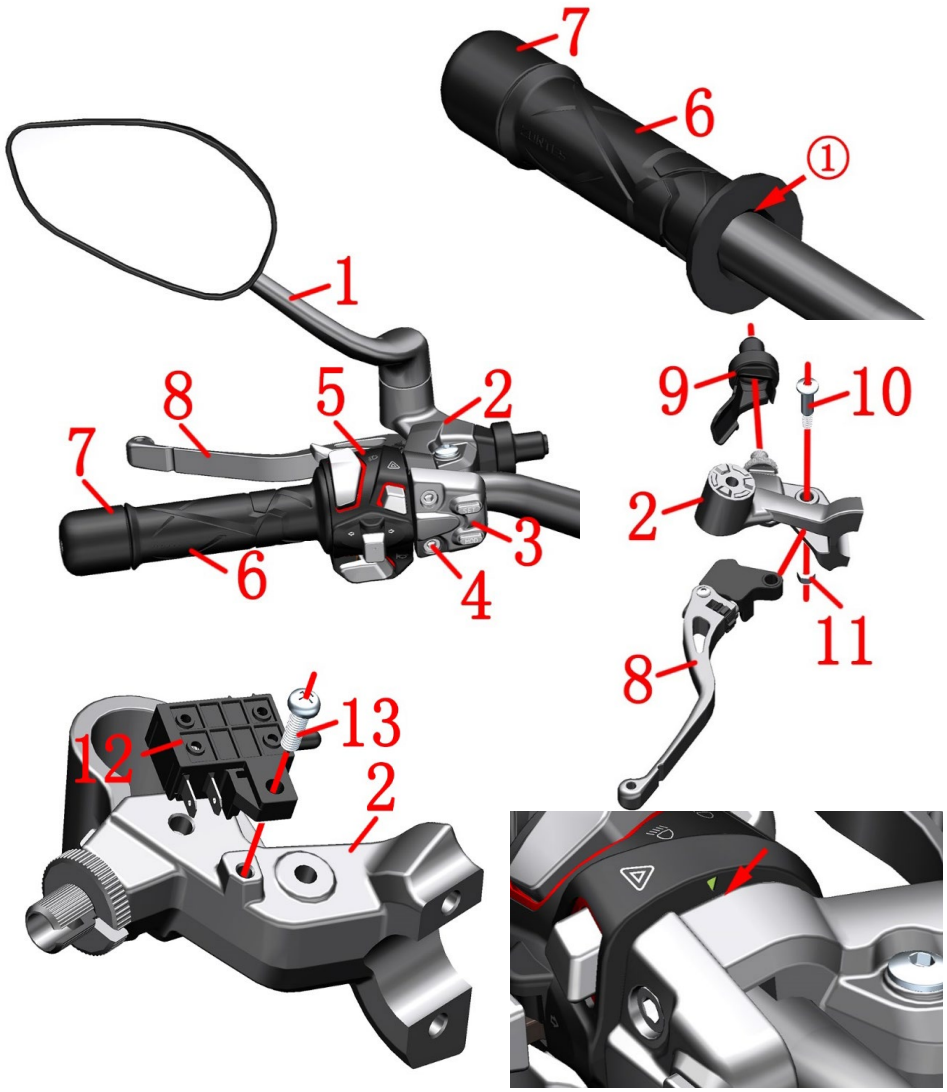


Fig.13 FRONT FORK COMPONENT		Left hand component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1190100-408051	ZT310-VX left rearview mirror (dark gray)	1	
2	1134200-029051	ZT310-V left hand handle rocker arm seat assembly	1	
3	1184300-019000	ZT350-R second generation left counter handle switch	1	
4	1250205-031091	GB70.1M6×30(stainless steel)	2	
5	1184200-184000	ZT310-V1 Left handle switch	1	
6	1244100-041000	ZT250-R left hand rubber sleeve	1	
7	1134200-023000	ZT250-R balance block	1	
8	1134200-027051	ZT310-V left handle rocker arm (matte dark gray color	1	
9	1244200-046000	ZT310-V 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 rear view mirror, left switch, rocker arm

Remove the clutch line by referring to the “Replace Clutch Line” procedure. Remove the left rear view mirror (1), rocker base(2), left sub switch(3), bolt(4), left switch(5), and rocker arm(8) by referring to the steps in "Right Handle Assembly" and "Add Brake Fluid, Adjusting Rocker Arm".

●Left hand rubber sleeve and balance block assembly

Use a blow gun to blow the left hand grip between the rubber sleeve(6) and the direction handle tube while moving the rubber sleeve inward until the balance block positioning hole is exposed.

Loosen the bolt on the balance weight with 5# hexagon socket and pull out the balance weight (7) outward with force. Remove the balance weight (7) and the rubber sleeve (6) of the right handle. Use a blow gun and move the outer sleeve to remove the left hand grip(6).

●Replace the left hand rocker arm and clutch switch

Fix the bolt(10) with a hexagonal tool, then remove the nut(11) with a sleeve or a wrench, remove the bolt(10) and then remove the left hand rocker arm(8).

First unplug the clutch switch, then remove the bolt(13) with a Phillips screwdriver and remove the clutch switch (12). The rotation adjustment nut can adjust the distance between the rocker arm and the left hand rubber sleeve to adapt to the feel of different drivers.

CAUTION:

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

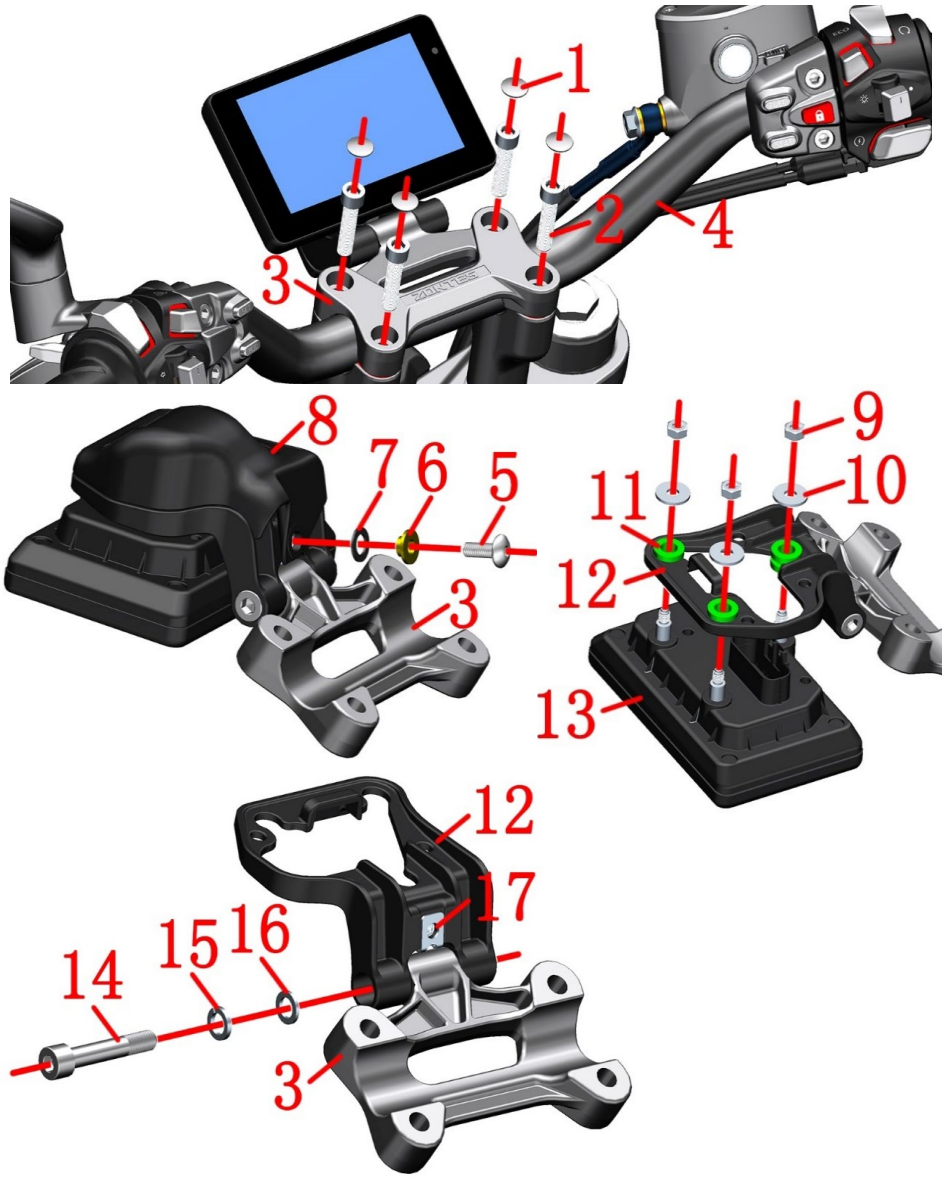


Fig.15 FRONT FORK COMPONENT		Direction handle&TFT Instrument	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4044102-002051	ZT250-S M8 bolt decorative buckle (matte gray)	4	
2	1250205-023000	GB70.1 Hexagonal M8×35	4	
3	1134300-012000	ZT310-R1 direction handle pressure block (dark gray m	1	
4	1134200-038051	ZT310-R handle bar(dark gray matte)	1	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	1	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5+φ14×1.5	1	
7	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	1	
8	1224200-128000	ZT310-R1 instrument decorative cover	1	
9	1250301-020093	GB6170M6（environmental color）	3	
10	1250502-010093	GB96.1φ6（environmental color）	3	
11	1244200-092000	ZT310 TFT instrument cushioning rubber	3	
12	1274200-169000	ZT310-R1 instrument bracket（TFT instrument）	1	
13	1164300-012000	ZT350-R/V universal TFT instrument(Euro Ⅴ)	1	
14	1250205-006091	GB70.1M8×45（White Zinc）	1	
15	1250501-007093	GB93φ8（environmental color）	1	
16	1251500-081000	Flat washer φ13×φ8.2×1.5（environmental color）	1	
17	1251300-063093	Splint M6×11×15 (environmental color)	1	

PROCEDURE:

●Directional components

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

●Instrumentation components

Flip theInstrumentation components forward, remove the bolt (5), remove the flanging bushing (6) and cushioning rubber (7). Push the instrument decorative cover (8) forward and remove it.

Locate and unplug the meter cable connector. Remove the nut (9) separately, remove the gasket (10) and remove the instrument (13). Be careful to protect the meter screen.

Instrument Bracket Assembly Remove the bolt (14) and remove the spring washer (15) the flat washer (16). The instrument bracket (12) is separated from the pressure block (3) and the splint nut (17) is removed.

CAUTION:

● Protective measures shall be taken to prevent scratching the appearance of instrument case and decorative cover.

● Pay attention to the strength when prying the clip of the decorative cover to prevent the clip from breaking due to excessive force.

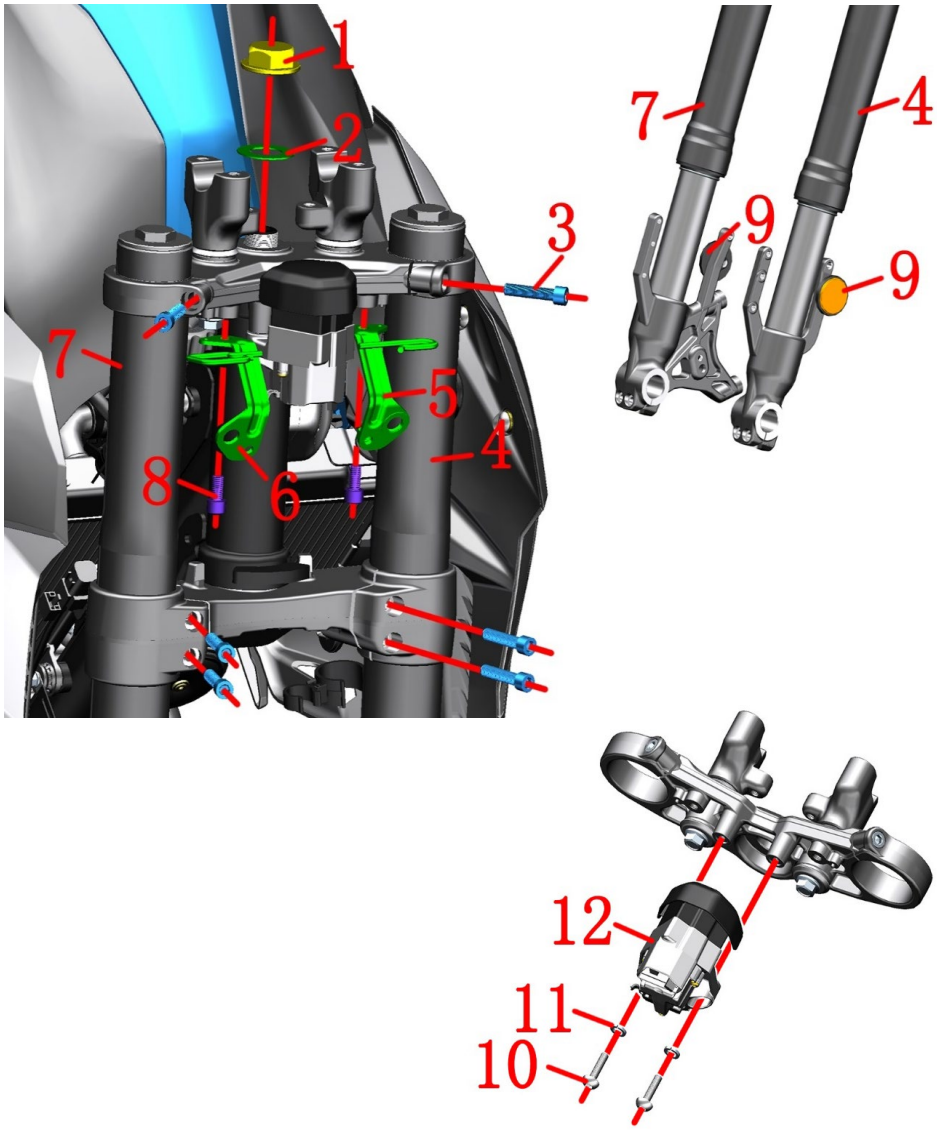


Fig.16 FRONT FORK COMPONENT		Front shock absorber, upper plate component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-045000	ZT250-S upper plate decorative nut (chrome plated)	1	100N·m
2	1251500-050000	ZT250-S upper plate gasket φ18.5×φ39×1	1	
3	1250205-023000	GB70.1 Hexagonal M8×35 (environmental color zinc)	6	25N.m
4	1114300-005000	ZT350-GK front left shock absorber	1	
5	1274200-006000	ZT310-R left upper support of headlight	1	
6	1274300-107000	ZT350-R headlight upper right bracket (with cable clip)	1	
7	1114300-006000	ZT350-GK front right shock absorber	1	
8	1250205-040095	GB70.1 inner hex bolt M8×16(color Zinc)	2	
9	1174300-013000	Reflection light(KM-106)	2	
10	1251100-121093	Non-standard bolt M6×25 (environmental color)	2	
11	1250501-007093	GB93 φ8 (environmental color)	1	
12	1184200-139000	ZT310 main lock (electromagnetic drive/wire length 150) assembly	1	

PROCEDURE:

●Uplink board assembly

Locate the faucet lock plug and remove it; using30# sleeve remove the nut(1) and the shims(2).

Using 6# inner hexagon socket remove the bolt(3) and(8),remove the bracket(5) and (6).

●Front left and right shock absorption

Using 6# inner hexagon socket remove the bolts(3) of the lower plate, and hold the shock absorber in the middle with one hand. Insert a slotted screwdriver into the slot of the upper and lower plates to slightly enlarge the slot clearance, and disassemble the left shock absorber (4) and the right shock absorber(7). Remove the upper plate assembly.

●Reflecting film

Rotate the reflector (9) counterclockwise and remove the reflector.

●faucet lock

Using 6# inner hexagon socket remove the bolt (10) ,remove the gasket(11) and faucet lock (12).

CAUTION:

● When expanding the slotting gap between the upper and lower connecting plates with a slotted screwdriver, do not use too much force to avoid damage.

● When removing the shock absorber, it shall move towards the axis direction without rotating or swinging to prevent surface scratch.

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

● Refer to "steering adjustment" above for disassembly of lower yoke assembly, which will not be repeated here.

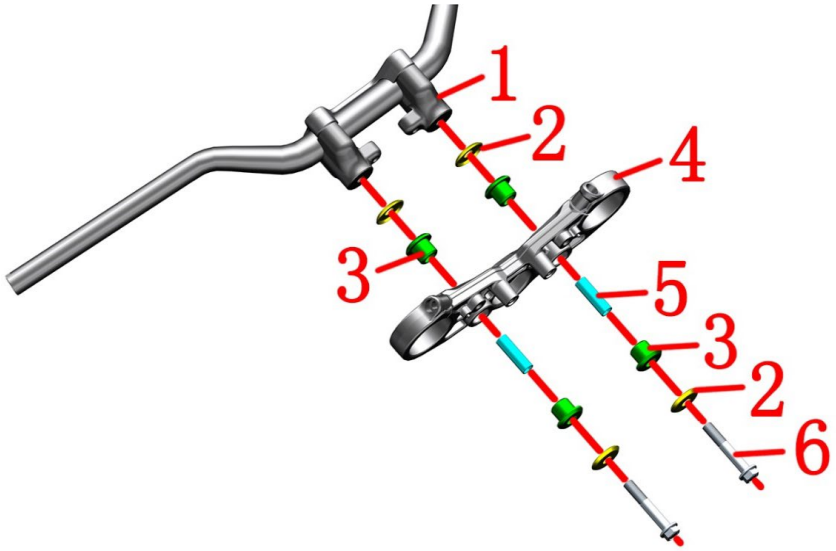


Fig.19 FRONT FORK COMPONENT		Uplink plate, direction handle block component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	4094200-005051	ZT310-R direction handle block M10×1.25 (dark gray matte/spray paint)	2	
2	1274200-018000	ZT310-R gasket of upper connecting board	4	
3	1244200-008000	ZT310-R buffer 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(10.9 level/dacromet)	2	50N·m

PROCEDURE:

●Uplink plate and spacer assembly

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

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

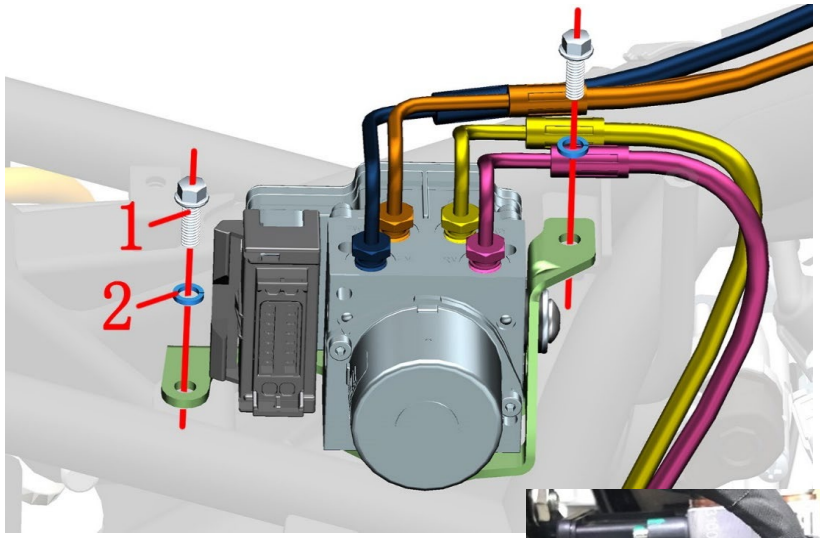
Remove the upper plate(4).

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

CAUTION:

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

●When reassembling, it is necessary to use the direction to ensure that the center and direction of the spacers on both sides are coaxial with the center. First install 4 pieces of cushioning rubber into the upper plate and then install the bushing separately. Make sure that the bushing is flush with the cushioning rubber, otherwise it should be reassembled. When tightening the nut, ensure that the torque is 50N·m. Check the buffer for spillage and reassemble if necessary.



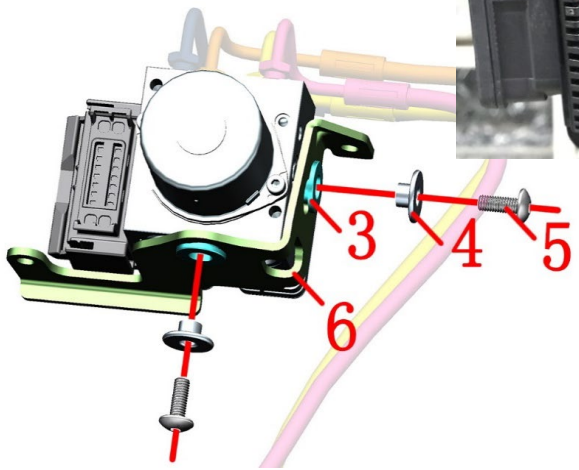


Fig.20 FRONT FORK COMPONENT		ABS brake system-1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	2	
2	1250501-010000	GB93φ6 spring pad	2	
3	1244100-004000	ZT250-S Flanging bushing buffer	2	
4	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	2	
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.

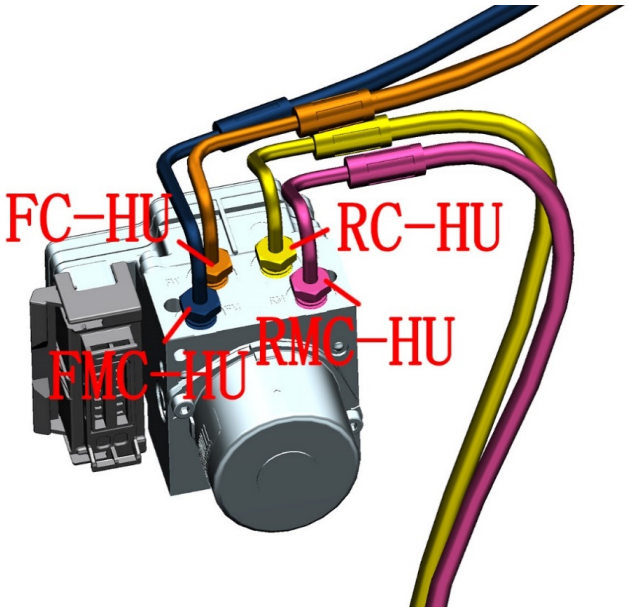
Using 4# inner hexagon socket remove 2 bolts (5) at the bracket, remove the hydraulic control unit bracket (6).

Remove two buffer (3) and flanging sleeve(4) 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.



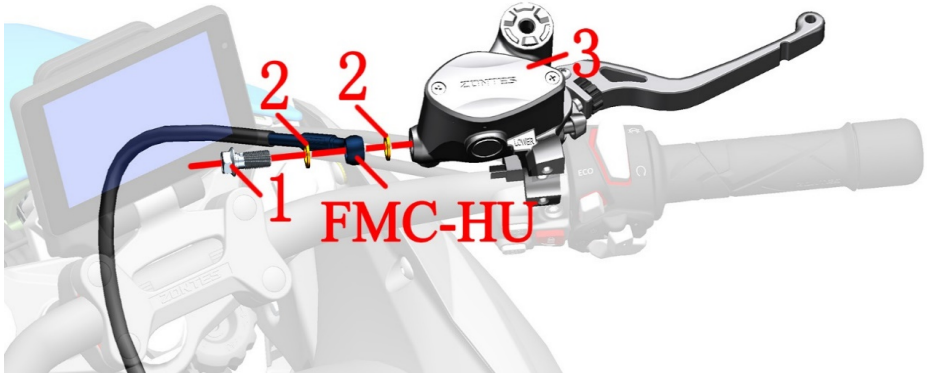


Fig.21 FRONT FORK COMPONENT		ABS brake system-2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-112000	Disc brake pipe bolt M10×1-22	1	
2	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	2	
3	1100100-831000	ZT350-GK front disc main pump assembly（φ14）	1	

PROCEDURE:

●Release brake fluid

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

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

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

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

●FMC-HU

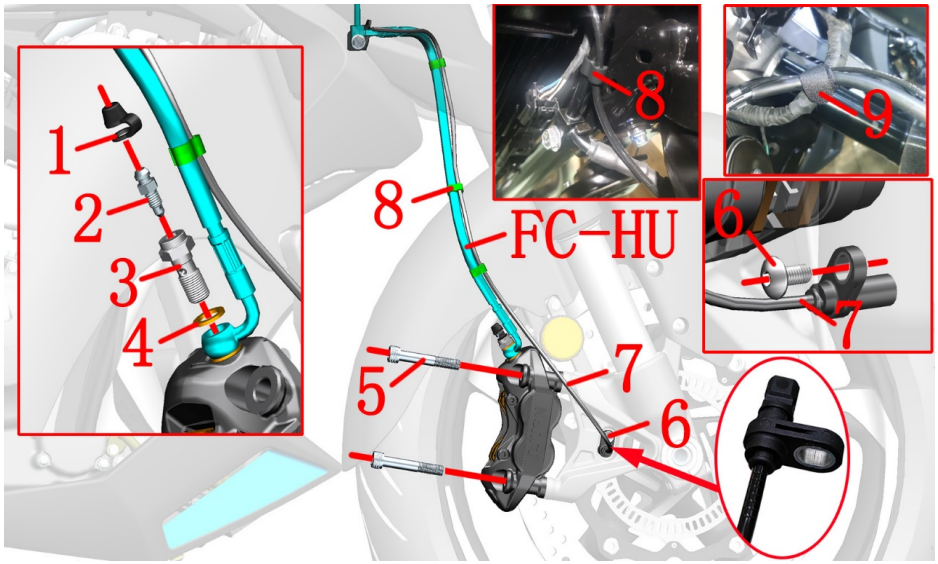
The oil pipe, front disc brake main pump, rocker arm assembly and disassembly refer to the previous steps in "Adding brake fluid and rocker arm adjustment".

CAUTION:

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

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

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



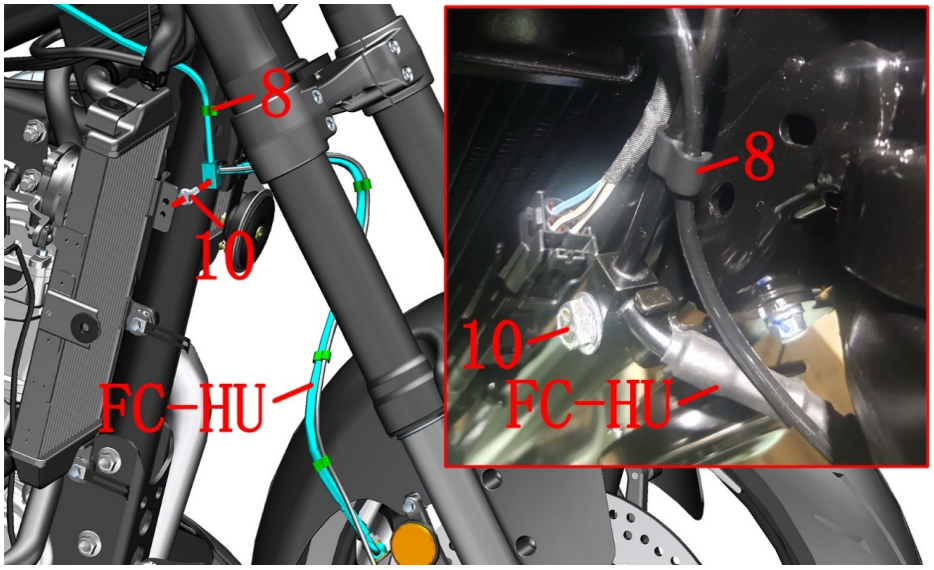


Fig.22 FRONT FORK COMPONENT		ABS brake system-3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244300-019000	Caliper bleed screw rubber cap	1	
2	1251100-308000	Disc brake exhaust screw M6	1	
3	1251100-307000	Disc brake oil pipe bolts M10×1×22 (with exhaust threa	1	
4	1251513-013000	Disc brake pipe copper 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 the brake fluid

Place the oil pan under the front disc brake caliper.

First uncover the screw rubber cap(1), wear waterproof gloves, then remove the bolt(2) with 8# ring wrench, remove the bolt(3) with 14# ring wrench, and remove the copper washer(4).

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

First take out the wheel speed sensor(7) from the wire clamp(8), untie the strap(9), then remove the bolt(6)with 4# hexagon socket, and remove the wheel speed sensor(7) from the front disc brake caliper. Tidy up the wheel speed sensor wires.

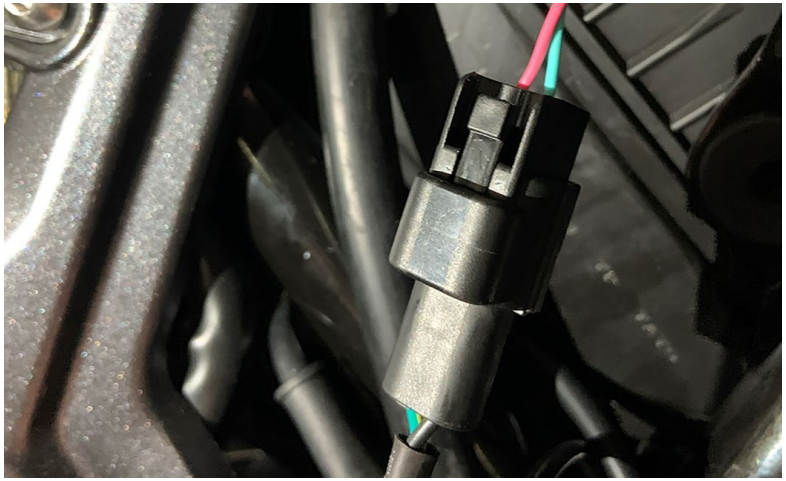
Remove bolt(10) with 8# sleeve. Then remove the FC-HU oil pipe.

CAUTION:

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

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

●When replacing the oil pipe, it is recommended to replace two copper washers(4) at the same time. If the bolt (3) is not damaged, it can not be replaced.



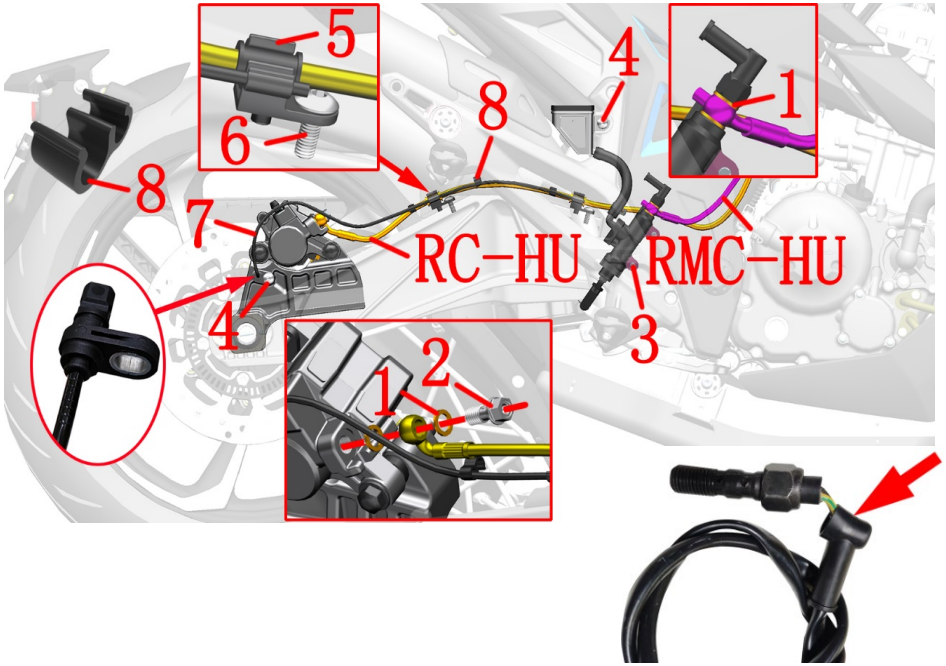


Fig.23 FRONT FORK COMPONENT		(Double rocker arm rear fork) ABS brake system	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251513-013000	Disc brake pipe copper washer φ 15× φ 10.2 × 1.5	4	
2	1251100-112000	Disc brake pipe bolt M10×1-22	1	
3	1251112-001093	M6×16 Hexagon flange bolts (color Zinc)	2	
4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

PROCEDURE:

●RMC-HU

Find and unplug the brake switch cable plug.

Refer to the steps of "Right footrest component-1" and "Right footrest component-2" take off the rear brake main pump. After wearing the waterproof gloves, remove the brake fluid by referring to the procedure of adding the brakefluid of the rear brake master pump. Use a 14# open end wrench to loosen the brake switch nut. Remove the copper washer (1) and the RMC-HU oil tubing.

●Wheel speed sensor

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

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

●Rear disc brake caliper

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

●RC-HU

Place the oil pan under the rear disc brake caliper.

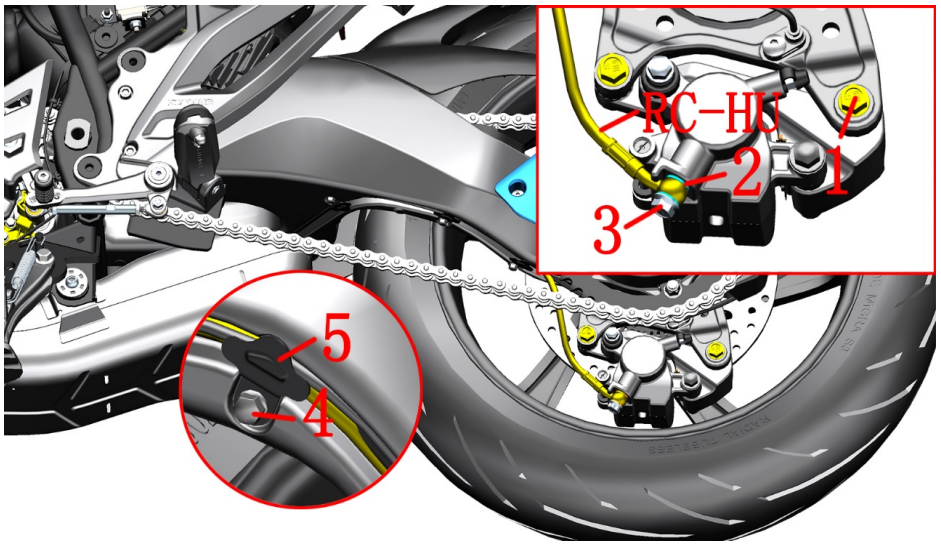
After wearing the waterproof gloves, remove the bolts (2) with a 12# sleeve; remove the copper washers (1). If you need to replace the RC-HU tubing, it is recommended to replace the two copper washers (1) at the same time; the bolts (2)can be replaced if they are not damaged.

CAUTION:

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

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

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



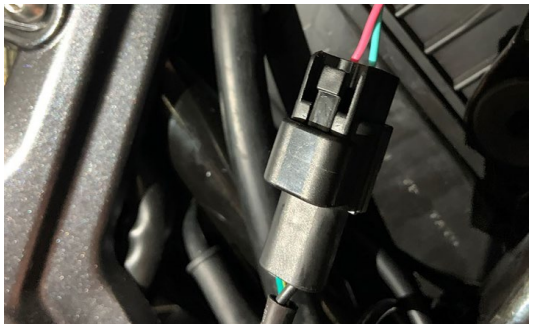


Fig. 20 FRONT FORK COMPONENT		(Single rocker rear fork)ABS brake system	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-123093	non-standard bolt M8×25 (color zinc)	2	
2	1251513-013000	Brake brake tubing copper washer φ15×φ10.2×1.5	2	
3	1251100-112000	Disc brake tubing bolt M10×1-22	1	
4	1250104-006097	GB16674M6×12 (chromed/HH)	4	
5	1274200-119000	Single rocker rear flat fork tubing bracket	4	

PROCEDURE:

●RC-HU tubing

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). If you need to replace the RC-HU tubing, it is recommended to replace the two copper washers (2) at the same time; the bolts (3)can be replaced if they are not damaged.

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

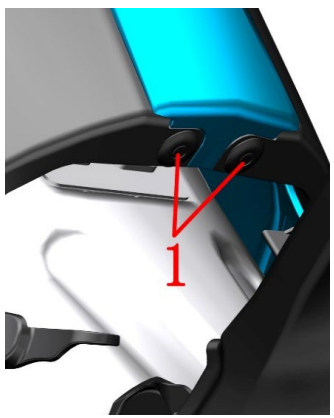
●Rear disc brake caliper

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

CAUTION:

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

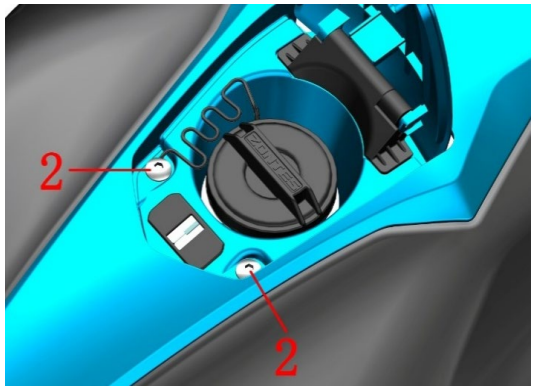
●The precautions for brake fluid are described in the previous section.



A

B

C



D

E

Fig.1 FUEL TANK COVER COMPONENT		Fuel tank middle cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S expansion nail	4	
2	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	

PROCEDURE:

●Middle cover assembly

Use a small Phillips screwdriver to push down the center of the expansion pin and remove the expansion pin(1) from the rear of the middle cover assembly (Figure A).

Turn the front of the car to the left and remove the expansion pin(1) on the right side of the front of the middle cover (Figure B).

Turn the front of the car to the right, open the sub tank cover and remove the expansion pin(1) on the left side of the front part of the middle cover (Fig. C).

Short press the unlock button " " . After the power-on self-test is completed, short press " " to open the fuel tank cover.

Remove the bolt(2) (Figure D).

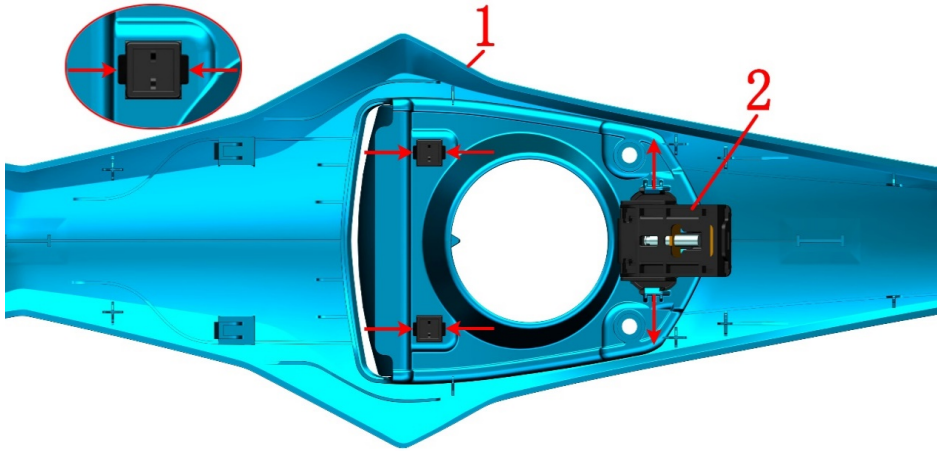
Grasp the head of the middle cover assembly and pull it up; grasp the tail of the middle cover assembly and pull it up.

Locate the fuel tank lock cable plug (Figure E) on the right side cover and the rear of the tank liner and remove the middle cover assembly.

CAUTION:

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

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



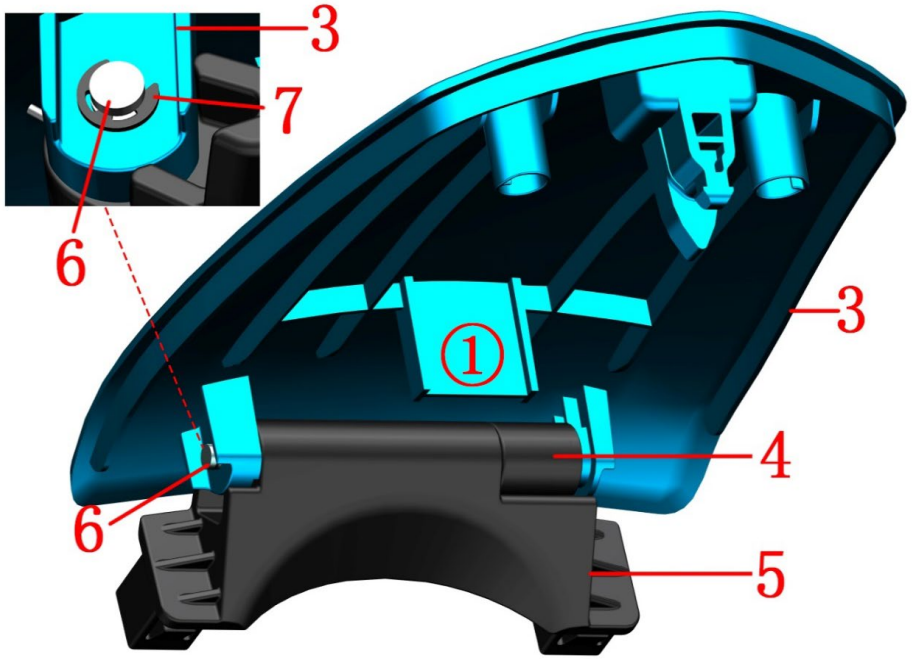


Fig.2 FUEL TANK COVER COMPONENT		Fuel tank cover, fuel tank cover, fuel tank lock	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310-R fuel tank middle cover	1	
2	1184200-002000	ZT310 electronic fuel tank lock	1	
3		ZT310-R fuel tank cover	1	
4	1224100-014000	ZT250-S fuel tank cover rotary damping	1	
5	1274100-021000	ZT250-S fuel tank cover rotating bracket	1	
6	1274100-090000	ZT250-S fuel tank cover rotating shaft	1	
7	1260100-215000	ZT310－T circlip	1	【1】

PROCEDURE:

●Fuel tank lock

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

●Fuel tank cover assembly

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

Remove the circlip(7) on the rotating shaft(6) ; the fuel tank cover rotating bracket(5) included circlip(7). Remove the rotating shaft and separate the rotating bracket(5) and the damper(4).

CAUTION:

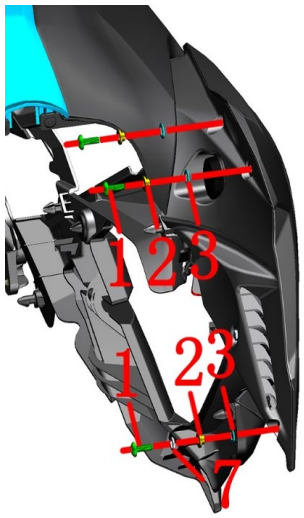
●The material should be protected during the disassembly process to prevent damage to the paint surface.

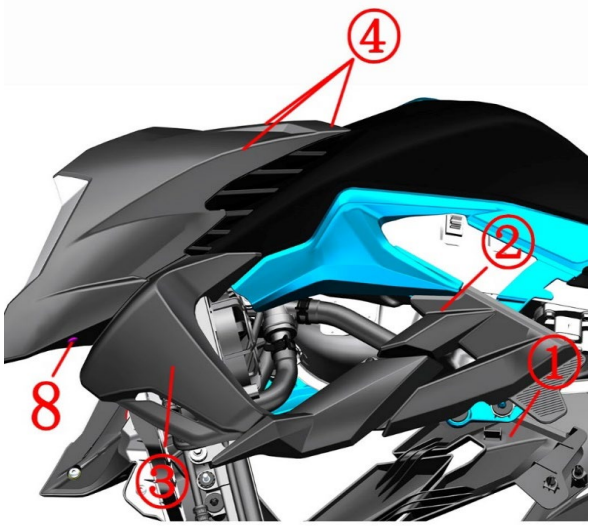
●When removing the buckle, pay attention to the strength to prevent damage to the buckle.

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

● When change fuel tank cover, pay attention to whether the length of the process clip① is too long. If it is too long, be sure to cut it short.

● 【1】The fuel tank cover rotating bracket(5) included circlip(7).Just for after-sales.





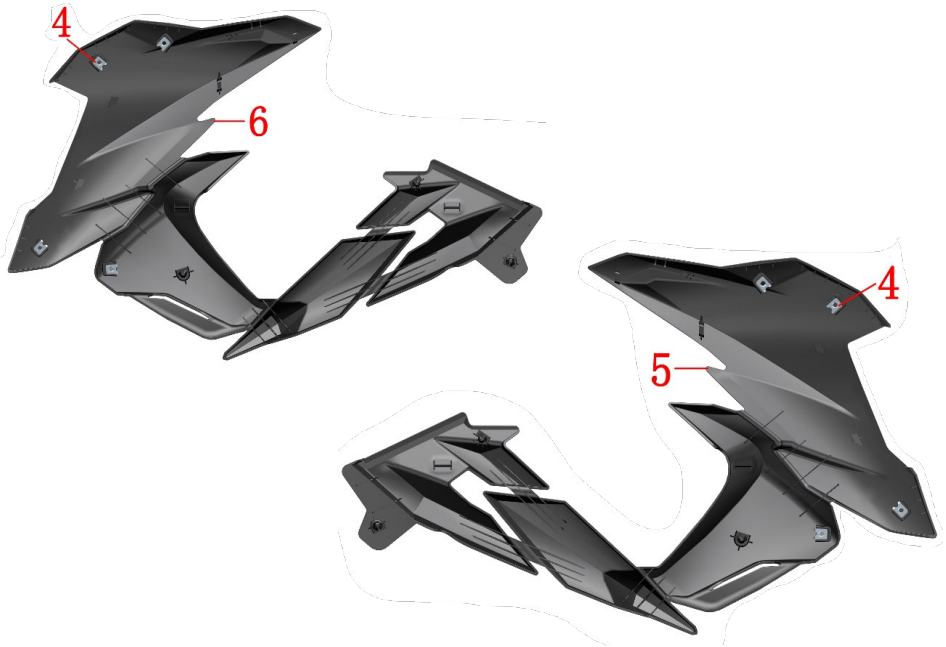


Fig.3 FUEL TANK COVER COMPONENT		Fuel tank trim cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Cuff bushing cushioning rubber (φ8.5×φ14×1)	6	
4	1251300-063093	Splint M6×11×15 (environmental color)	8	
5	1224300-090000	ZT350-R fuel tank left decorative cover	1	
6	1224300-091000	ZT350-R fuel tank right decorative cover	1	
7	1251500-081000	Non-standard flat mat φ13×φ8.2×1.5(environmental color)	2	
8	1224100-010000	ZT250-S expansion nail	2	

PROCEDURE:

●Left tank trim cover

Remove the bolts(1) separately;

Remove the bushing(2) and the cushion rubber(3).

Remove the expansion screw (8), Pull out in the order①-②-③ and pull out the trim cover(5).

Press④ with one hand and push the trim cover forward to remove the left trim cover (5).

Remove the splint(4) from the left trim cover(5).

●Right tank trim cover

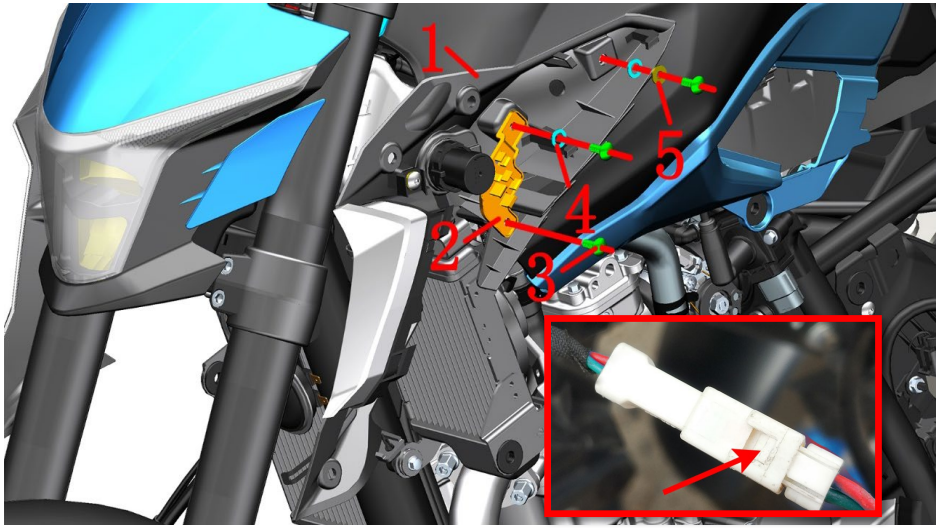
Remove the right trim cover(6) by removing the left trim cover.

CAUTION:

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

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

● When assembling, first fasten the ④ buckles, then install the staples in the order of ③-②-①.



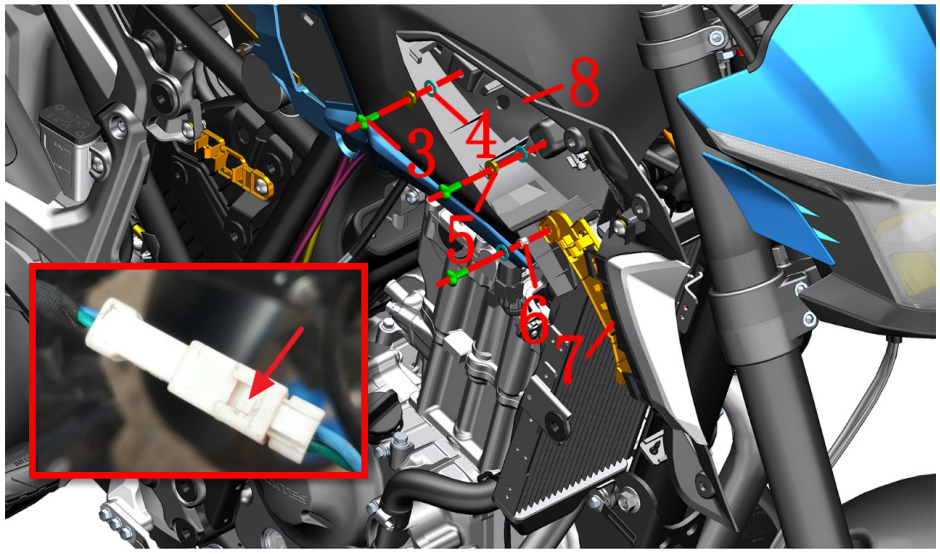


Fig.4 FUEL TANK COVER COMPONENT		Fuel tank trim cover rear shell component-1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224300-090000	ZT350－R rear cover of left decorative cover of fuel tank	1	
2	1224300-084000	ZT350－R Left front harness holder	1	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
4	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	5	
5	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	3	
6	1274100-018000	Anti-hot plate sleeve, muffler	1	
7	1224300-083000	ZT350－R right front wire harness holder	1	
8	1224300-091000	ZT350－R back cover of right decorative cover of fuel cover	1	

PROCEDURE:

●Left tank trim cover back shell assembly

Locate the left turn signal plug and press the limit buckle to pull it out. Locate the USB charging cable plug.

Using 4# inner hexagon socket remove the 3 bolts(3) of the left turn signal(5) and remove the bushing(6) and remove the left decorative cover of fuel tank(1) and holder(2).

●Right tank trim cover back shell assembly

Locate the right turn signal plug and press the limit buckle to pull it out.

Using 4# inner hexagon socket remove the 3 bolts(3) of the right turn signal(8) and remove the bushing(4) and the cushion rubber(3). Remove the right turn signal.

CAUTION:

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

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

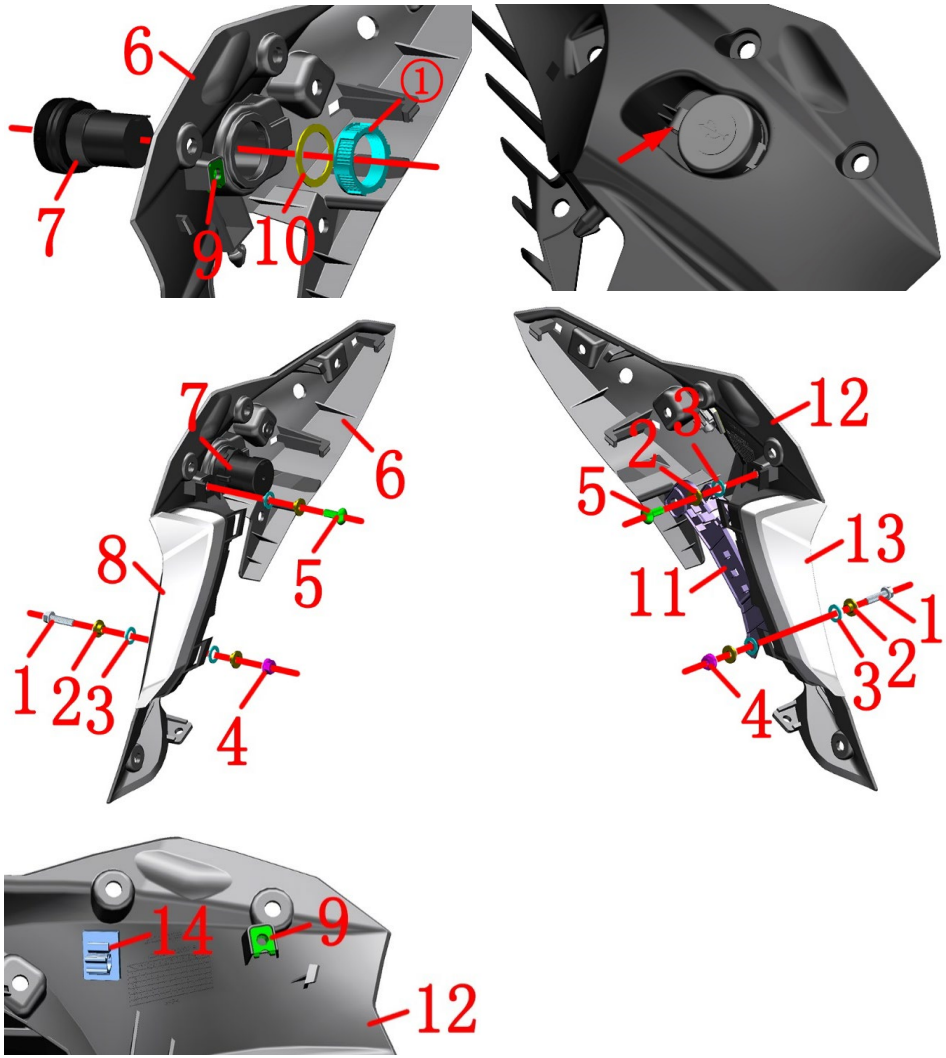


Fig.5 FUEL TANK COVER COMPONENT		Fuel tank trim cover rear shell component-2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-061093	M6×22 Hex flang bolt thread level 8.8 (color zinc)	2	
2	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
3	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	6	
4	1250303-010093	GB6177.1M6 (environmental color)	2	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
6	1224300-090000	ZT350－R rear cover of left decorative cover of fuel tank	1	
7	1184200-100000	ZT310 dual USB charging cable	1	
8	1174200-004000	ZT310－R front left turning light	1	
9	1251300-063093	Plywood M6×11×15(color zinc)	2	
10	1244100-015000	ZT250－S Adjusting nut rubber pad	1	
11	1224300-083000	ZT350－R right front wire harness holder	1	
12	1224300-091000	ZT350－R back cover of right decorative cover of fuel cover	1	
13	1174200-005000	ZT310－R front right turning light	1	
14	1224200-066000	ZT310PKE External antenna mount	1	

PROCEDURE:

● Rear housing assembly of left fuel tank trim cover

Remove the bolt (5) on the left turn signal (8) with 4# socket, remove the bolt (1) and nut (4) with 8# socket and 10# open-ended wrench, and remove the bushing (2) and buffer rubber (3). Remove the left turn signal lamp (8).

Remove the splint (9) on the rear housing.

Remove the nut ① of the USB charging cable. Remove the USB charging cable (7) and the nut rubber pad (10) from the rear housing (1).

● Rear housing assembly of right fuel tank trim cover

Remove the bolt (5) on the right turn signal lamp (10) with 4# hexagon socket, remove the bolt (1) and nut (4) with 8# socket and 10# open-ended wrench, and remove the bushing (2) and buffer rubber (3). Remove the right turn signal lamp ⑬ and the fixed seat (11), and remove the splint (9) on the rear housing.

Remove the antenna fixing base (14)

CAUTION:

● It is forbidden to pull the cable directly when pulling out the plug, and the cable shall not be excessively bent or wound during assembly.

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

● When removing the turn signal lamp, protect the transparent lamp cover to prevent scratches.

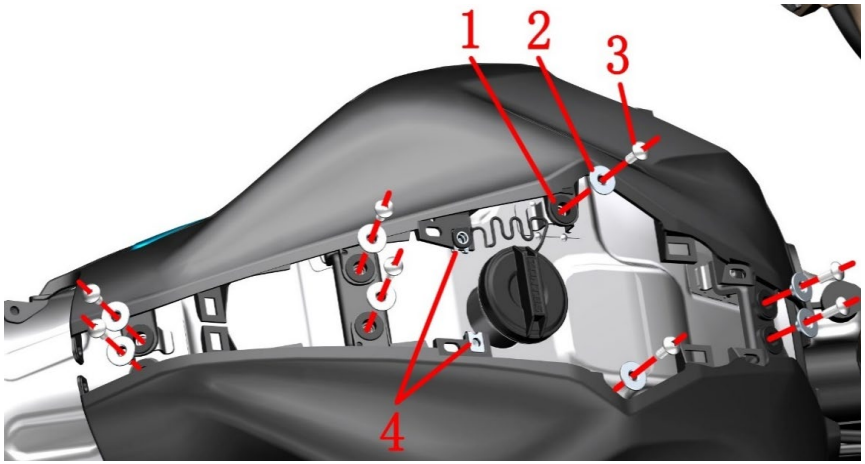
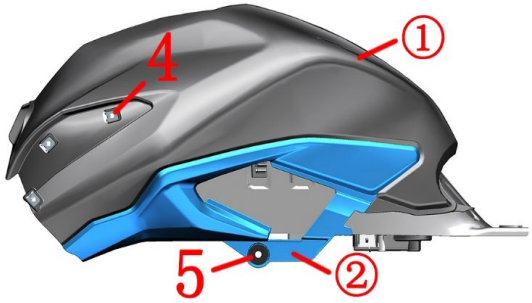
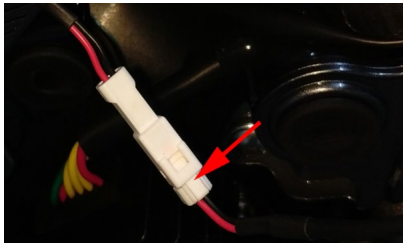


Fig.6 FUEL TANK COVER COMPONENT		Fuel tank cover component1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-004000	ZT250-S Flanging bushing buffer	8	
2	1274100-007000	ZT250-S flanging sleeve（φ6.4×φ9×6＋φ20×2）	8	
3	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	8	
4	1251300-063093	Splint M6×11×15 (environmental color)	8	
5	1244100-002000	ZT250-S side cover round glue	2	





PROCEDURE:

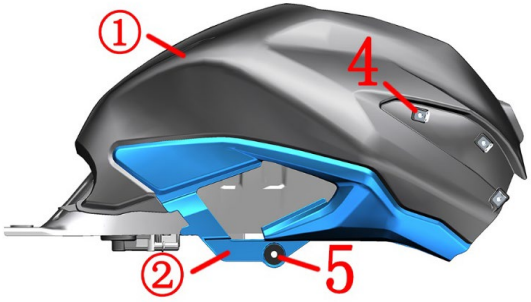
●Fuel tank cover assembly

Using 4# inner hexagon socket remove the 4 bolts(3) of the left tank cover and remove the bushing(2).

Locate the PKE external antenna cable connector on the right side of the vehicle and unscrew the nut at the arrow indication.Pull out the parallel antennas at ① and ② respectively , Then remove the left Fuel tank cover assembly.

Remove the splint(4) and the side cover round(5) from the left Fuel tank cover assembly.

Follow the steps above to remove the right Fuel tank cover assembly, as well as the splint and side cover round.



CAUTION:

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

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

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

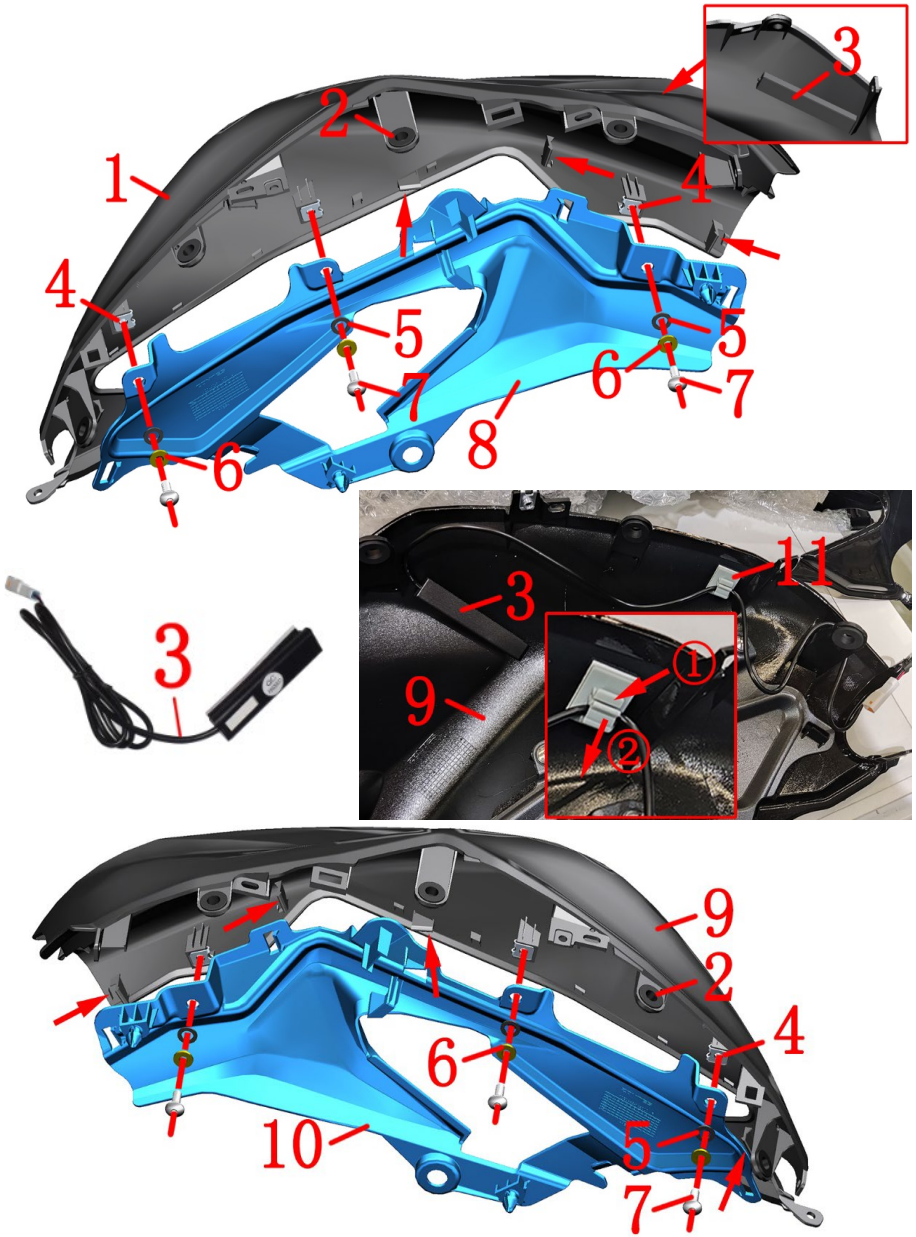


Fig.7 FUEL TANK COVER COMPONENT		Fuel tank cover component2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310－R fuel tank left cover upper part	1	
2	1244100-004000	ZT250-S Flanging Bushing Buffer	8	
3	1184200-053000	ZT310PKE external single antenna	1	
4	1251300-063093	Splint M6×11×15 (environmental color)	6	
5	1244100-052000	Flanging bushing cushioning rubber (φ8.5×φ14×1)	6	
6	1274100-057095	Flanging bushing φ6.2×φ8.4×3.5＋φ14×1.5	6	
7	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	6	
8		ZT310－R fuel tank left cover lower part	1	
9		ZT310－R fuel tank right cover upper part	1	
10		ZT310－R fuel tank right cover lower part	1	
11	1224200-066000	ZT310PKE external antenna mount	1	

PROCEDURE:

●Fuel tank cover assembly

Remove the 3 bolts(7) from the left Fuel tank cover assembly and remove the bushing(6) and cushion rubber(5). Slightly push the snap on the upper part of the left cover(1) to remove the lower part of the left cover(8). Remove the cushion rubber(2) and the splint(4)from the upper part(1) of the left cover.

Find the external antenna mount(11). Press ① and then pull the ② toward the arrow to remove the PKE cable.

Remove the PKE external antenna(3) from the upper part of the right trim cover. After slightly heating with a heat gun, tear off the double-sided tape and clean the residual glue.

Remove the right cover upper part(9) and the right cover lower part(10) as described above.

CAUTION:

● Protect the materials and parts during disassembly to prevent damage to the paint surface. Pay attention to the strength when disassembling the clip to prevent damage to the clip.

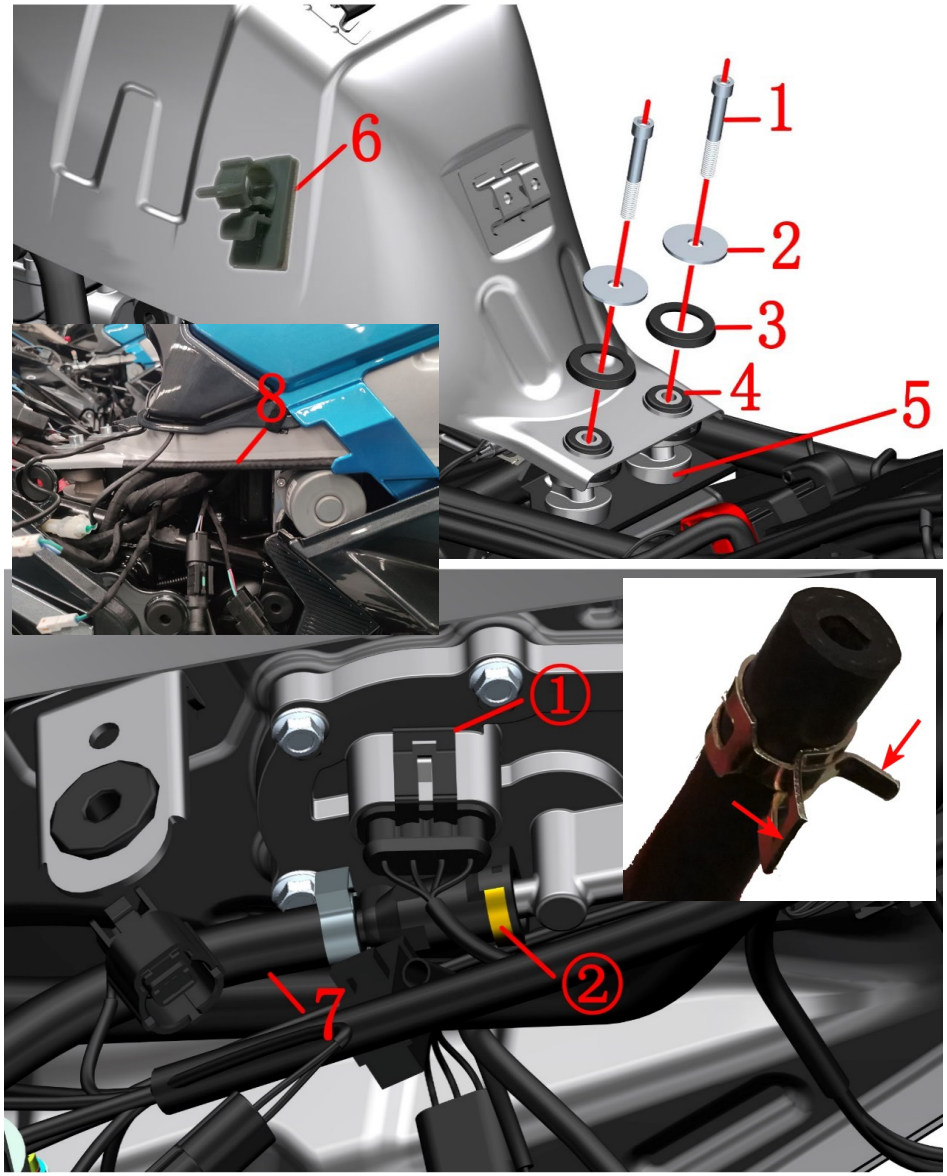


Fig.1 TANK LINER COMPONENT		Tank liner component	CHK / ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1250205-043093	GB70.1M8×55 (environmental color)	2	
2	1251900-028093	ZT250-R fuel tank flat pad φ9×φ37.5×2	2	
3	1244100-020000	ZT250-S fuel tank pressure	2	
4	1244100-053000	ZT250-S second generation fuel tank gasket	2	
5	1274100-080000	ZT250-R cushion fixing block	1	
6	1224200-066000	ZT310PKE external antenna mount	1	
7	1050954-035000	ZT310-R EFI High Pressure Tubing Sub-assembly	1	
8	1240300-021000	HJ125－6 pod glass strip （1.5m）	0.17	

PROCEDURE:

●Tank liner assembly

Pull the strip(8) off the end of the strip by hand .

Using 6# inner hexagon socket remove the bolt(1) with a hexagonal tool; remove the gasket(2) and press the rubber(3).

Lift the tail of the tank inner assembly and remove the rubber(4) and seat cushion(5).

Pull the main harness limit card① out and pull the plug down.

After removing the antenna fixing block(6) from the inner liner assembly, clean the remaining glue.

Locate the limit retaining ring② on the high-pressure tubing sub-assembly(7) and pull it out while pressing hard.

Continue to raise the tank liner assembly, clamp the tube clamp on the snorkel with pliers in the direction of the arrow, and remove the vent tube.

Swing the tank liner assembly slightly left and right while pulling it back obliquely upwards.

CAUTION:

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

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

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

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

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

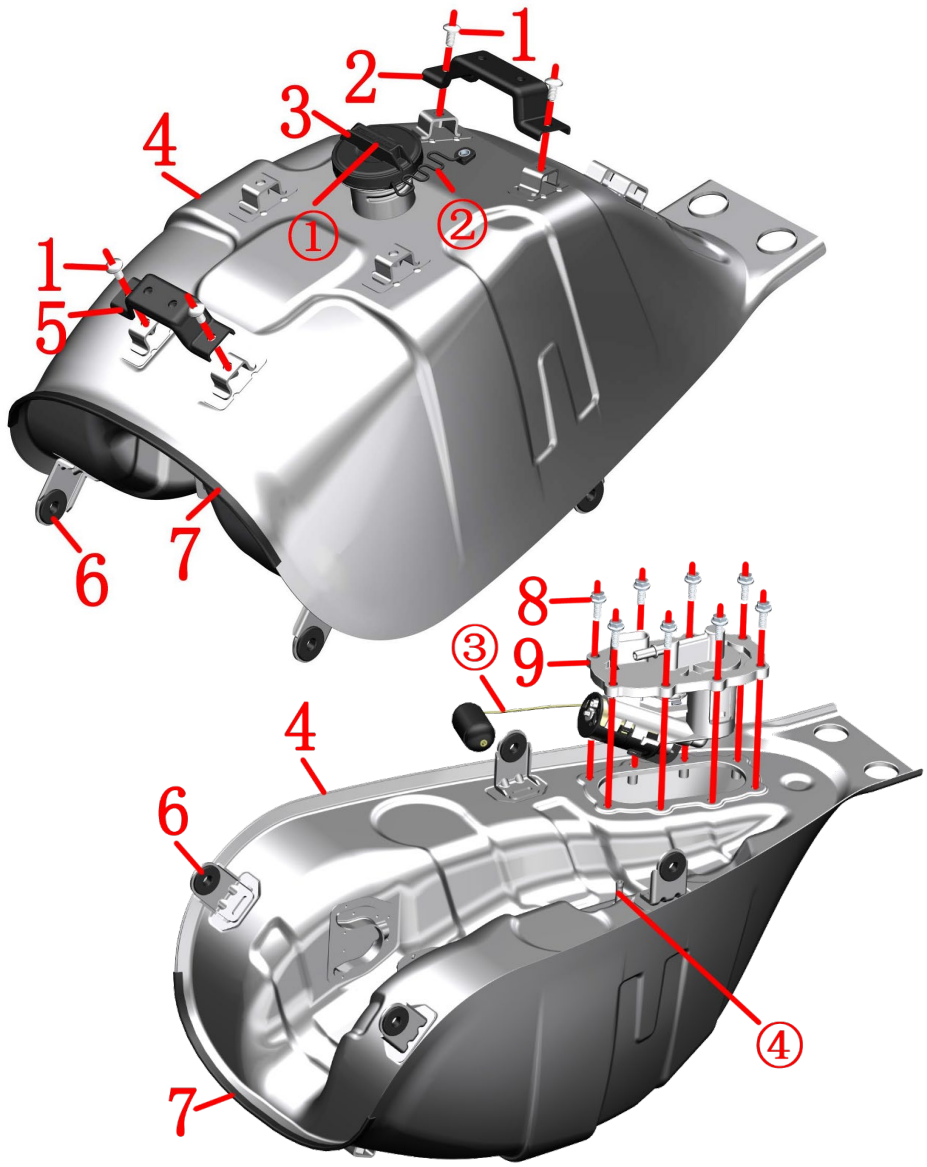


Fig.2 TANK LINER COMPONENT		Tank liner	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	4	
2	1274200-014000	ZT310-R fuel tank cover rear mounting bracket	1	
3	1224100-033000	ZT250-S threaded fuel tank cap	1	
4	4034200-001000	ZT310-R fuel tank liner	1	
5	1274200-013000	ZT310-R fuel tank cover front mounting bracket	1	
6	1244100-002000	ZT250-S side cover round glue	4	
7	1240300-021000	HJ125-6 shroud glass strip (1.5m)	0.17	
8	1250105-137093	GB5789M6×16 (environmental color)	8	
9	1050958-011000	T02 built-in fuel pump (ZT350-R)	1	

PROCEDURE:

●Fuel tank cover bracket

Remove the bolts(1) separately, and remove the tank cover to install the bracket(2) and the front bracket(5).

●Fuel tank cap

Pinch① by hand to remove the fuel tank cap(3) counterclockwise. Be careful not to pull the nylon cord② hard.

●Adhesive strip

Pull the strip(7) off the end of the strip by hand.

●Side cover round glue

Remove the side cover round rubber(6) from the tank liner(4).

●Fuel pump

After the Tank liner assembly is placed upside down, remove the bolts(8) with a sleeve.

When the fuel pump(9) is removed, the float connecting rod③ cannot be bent or bent to avoid inaccurate oil display.

CAUTION:

●Before removing the Tank liner assembly, it is recommended to use the oil pump to pump out the fuel or dissipate the fuel before disassembling.

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

●Reverse the Tank liner assembly When disassembling the fuel pump, be sure to check that the fuel tank cap is tightened to prevent the remaining fuel from overflowing from the fuel tank port; the vent pipe 4 may have a small amount of fuel overflow when the fuel tank cap is turned back.

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

●When assembling the fuel tank cap, be careful to rotate 1 to the position shown in the figure. In other positions, it may interfere with the process clip of the fuel tank cover.

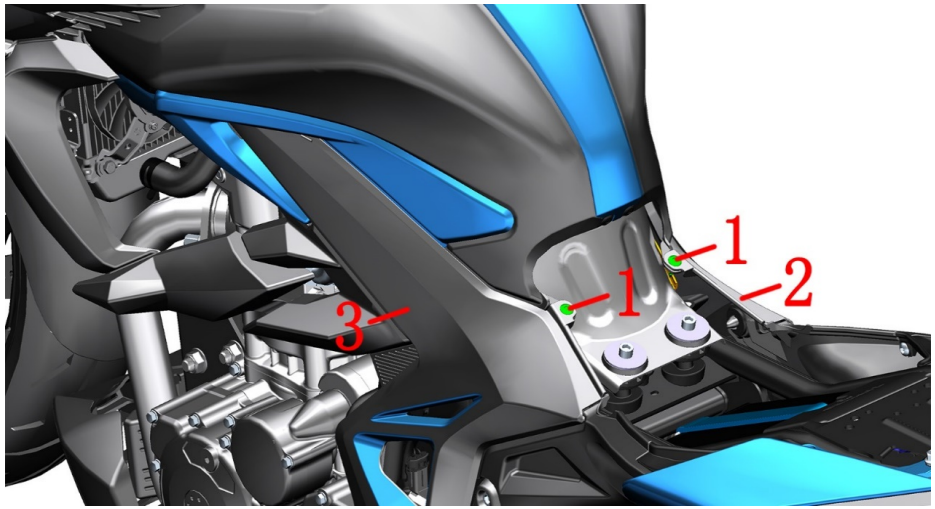


Fig.1 SIDE COVER COMPONENT		SIDE COVER COMPONENT(Old applique)	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S Expansion nail	2	
2		ZT310-R Right side cover (iron grey)	1	
3		ZT310-R Left side cover (iron grey)	1	
4	1184300-005000	ZT350 antenna	1	

PROCEDURE:

●Side cover assembly

Use a small Phillips screwdriver to press down on the center of the expansion screw and remove the expansion screw(1).

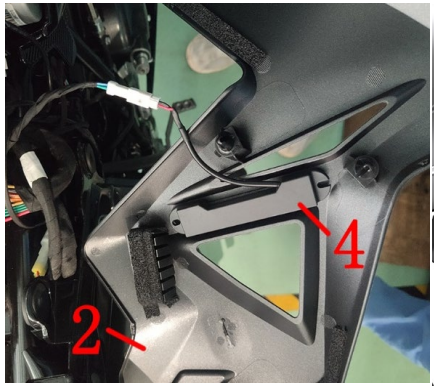
Pull out the gap by hand and pull it out. Pull out the ①-②-③-④ staples first.

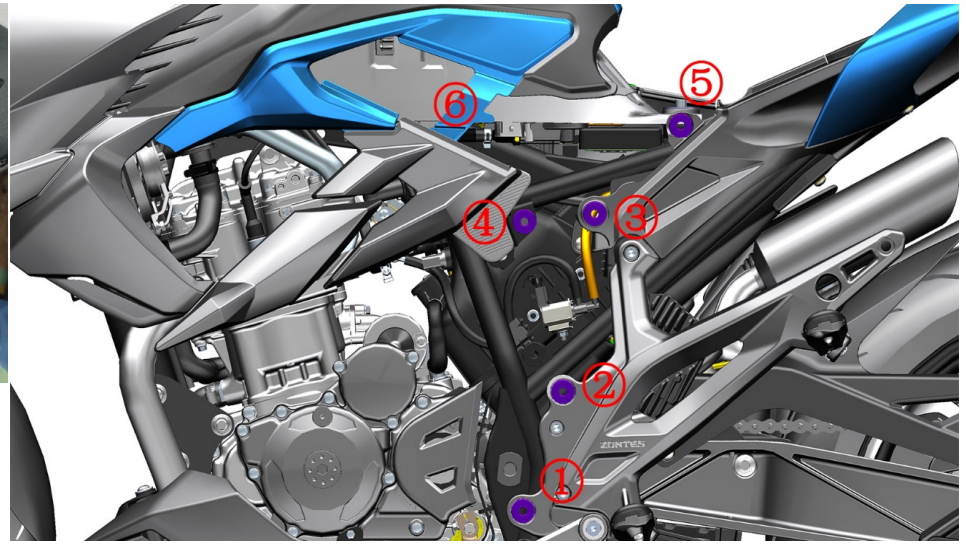
Hold the front end of the side cover with one hand and grasp the front part of the skirt with one hand, and then pull the staples at the side cover ⑤ out.

Press the ⑥ points in one hand, grasp the rear part of the side cover with one hand, and then pull backwards with force to remove the side cover and antenna(4) from the fuel tank trim cover.

CAUTION:

●When inserting, firstly insert the latch of the head of the side cover→the buckle that buckles at⑥ →install the staples by⑤-④-③-②-①; finally install the expansion screw.





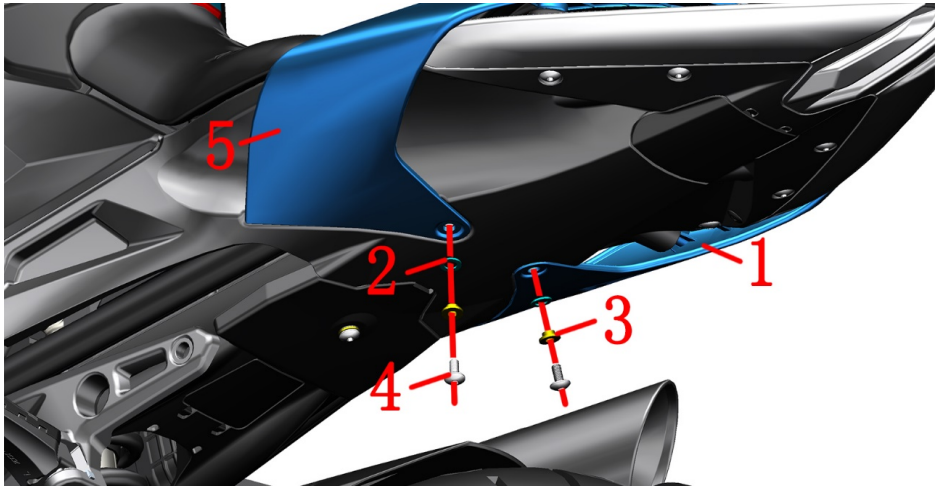


Fig.1 REAR COVER COMPONENT		Rear cover trim cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310-R Rear cover right trim cover (bright blue)	1	
2	1244100-052000	Flange bushing buffer (φ8.5×φ14×1)	4	
3	1274100-057095	Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5	2	
4	1251100-101000	Non-standard bolt M6×12 (stainless steel)	2	
5		ZT310-R Rear cover left trim cover (bright blue)	1	
6	1250105-142093	GB5789M8×20 (environmental color)	2	
7	1251700-058093	Flange bushing φ8.2×φ11×4.5+φ16×1.5	2	
8	1240300-071000	Flange bushing buffer (φ11×φ16×1)	2	
9	1274100-018000	ZT250-S Muffler anti-hot plate bushing	2	
10	1251100-102000	Non-standard bolt M6×12 (stainless steel)	2	

PROCEDURE:

●Rear cover left trim cover

Using 4# inner hexagon socket remove the bolt(4) on the bottom left side, remove the bushing(3) and cushion rubber(2).

Using 4# inner hexagon socket remove the upper left bolt(10), remove the cushion(2) and bushing(9).

Hold the left rear trim cover(1) with one hand, remove the upper left bolt(6) with 12# sleeve, and remove the bushing(7) and cushion rubber(8).

Remove the rear cover left trim cover(1).

●Rear cover right trim cover

Remove the rear cover right trim cover(5) as described above.

CAUTION:

●Remove side covers and seat cushions in advance.

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

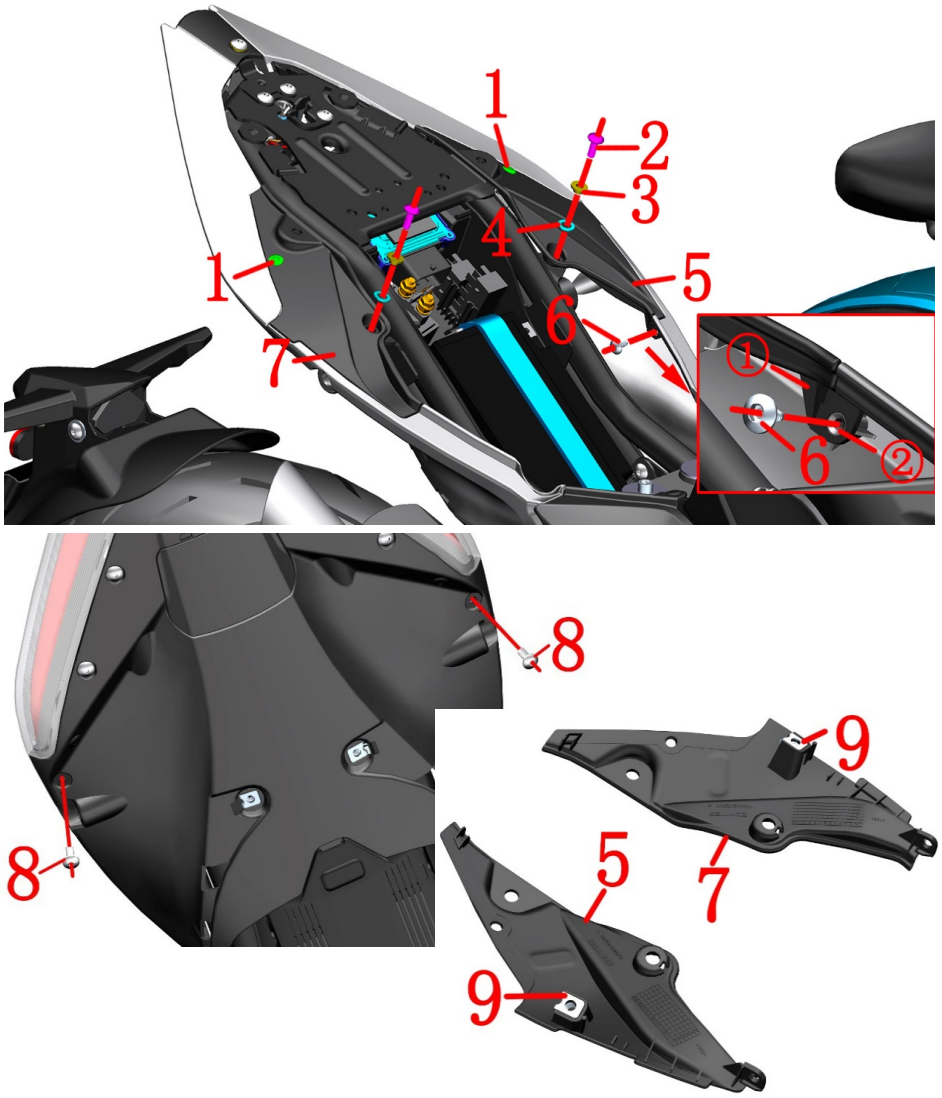


Fig.2 REAR COVER COMPONENT		Rear cover interior trim cover component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224100-010000	ZT250-S Expansion nail	2	
2	1251100-102000	Non-standard bolt M6×16 (stainless steel)	2	
3	1274100-057095	Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5	2	
4	1244100-052000	Flange bushing buffer (φ8.5×φ14×1)	2	
5	1224200-095000	ZT310-R Rear cover interior left trim cover	1	
6	1251200-033093	Non-standard self-tapping screws ST4.2×12	2	
7	1224200-096000	ZT310-R Rear cover internal right trim cover	1	
8	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
9	1251300-063093	plywood M6×11×15 (environmental color)	2	

PROCEDURE:

●Rear cover left interior trim cover

Use a small Phillips screwdriver to press down the center of the expansion screw(1) and remove it.

Remove the bolt(2) and remove the bushing(3) and cushion rubber(4).

Remove the bolt(8) from the bottom left of the cover.

Remove the self-tapping screws(6). Remove the cover left interior trim cover component.

Turn to the back and remove the plywood(9) from the end cover left interior trim cover(5).

●Front cover right interior trim cover

Remove the rear cover right interior trim cover(7) as described above.

CAUTION:

●Remove the side cover, seat cushion, and cover decoration cover in advance.

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

●When assembling self-tapping screws(6), it must be perpendicular to mounting surface①, otherwise it will be damaged②.

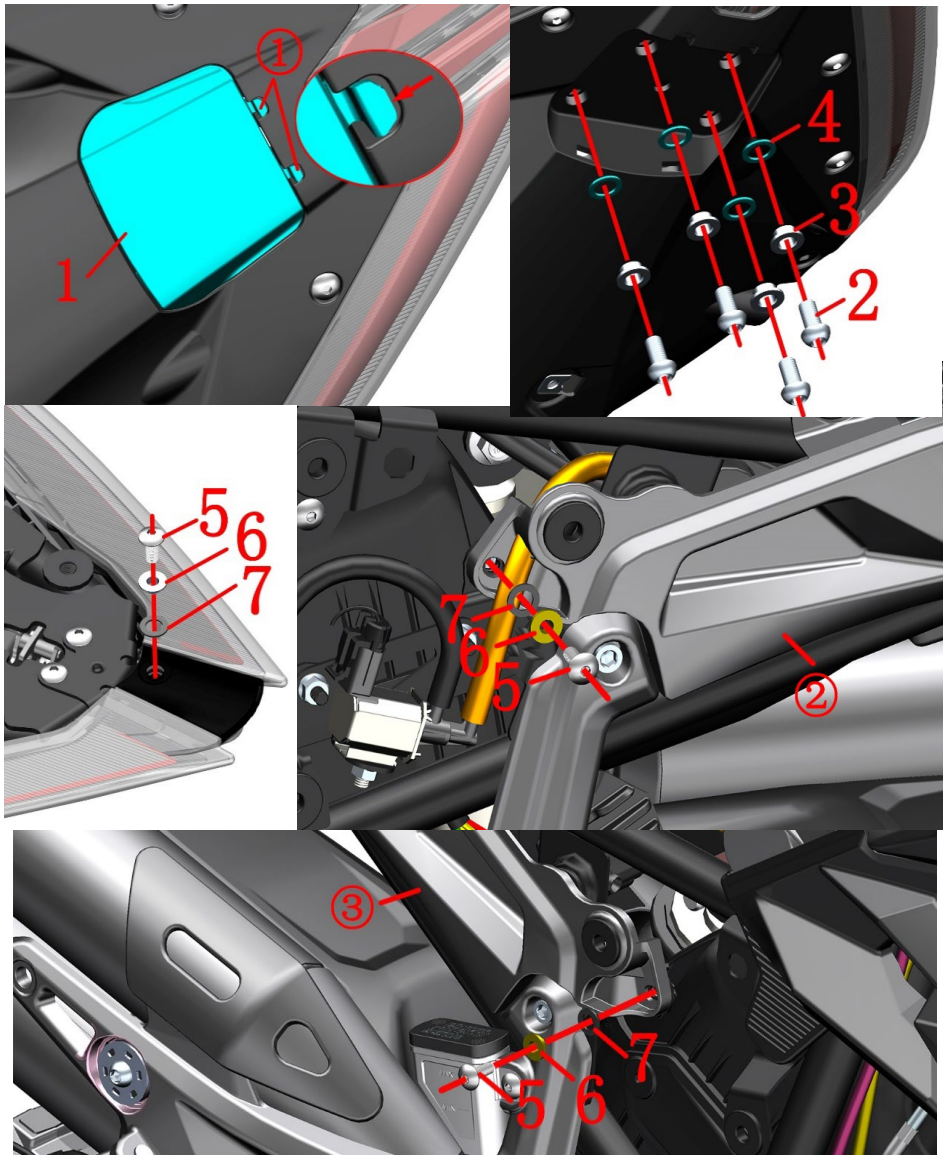


Fig.3 REAR COVER COMPONENT		Rear cover tail light component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1		ZT310-R Rear cover fender cover	1	
2	1251100-122093	Non-standard bolt M8×16 (environmental color)	4	
3	1251700-058093	Flange bushing φ8.2×φ11×4.5+φ16×1.5	4	
4	1240300-071000	Flange bushing buffer (φ11×φ16×1)	4	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	3	
6	1274100-057095	Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5	3	
7	1244100-052000	Flange bushing buffer (φ8.5×φ14×1)	3	

PROCEDURE:

●Rear cover mudguard mounting cover

Find and remove the plug connector for the rear lamps.

Push the buckle① on the mounting cover(1) forward and remove it. Pay attention to efforts.

Remove the 4 bolts(2) and remove the bushing(3) and pad(4).

Remove the bolts(5) on the upper part of the rear cover lamp component and remove the bushing(6) and pad(7).

Remove the bolt(5) at the front left end of the cover and remove the bushing(6) and the pad(7).

Remove the bolt (5) at the front right end of the cover and remove the bushing(6) and pad(7).

Remove the② and ③ clips respectively and remove the rear cover component.

CAUTION:

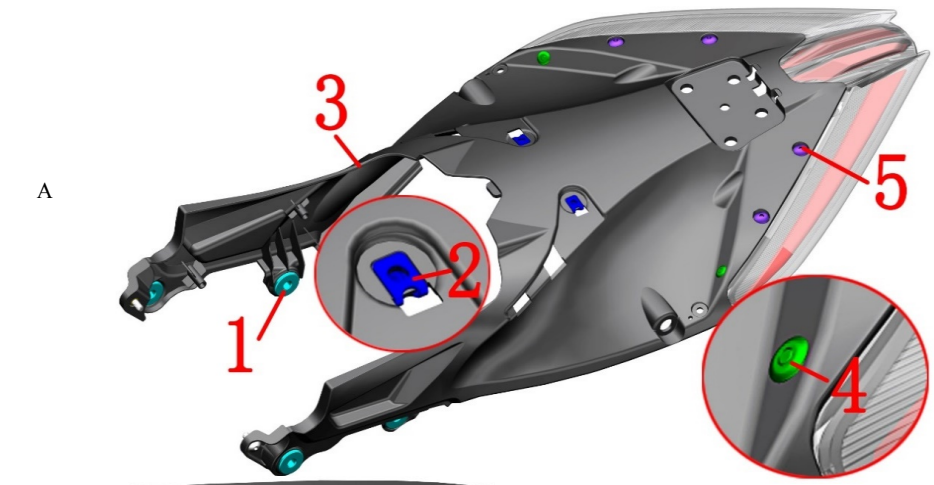
●Remove the side cover, seat cushion, and cover decoration cover in advance.

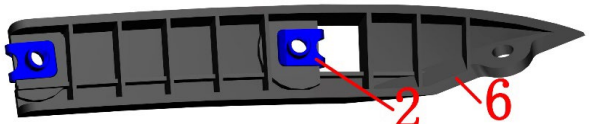
●The material should be protected during discomponent to prevent damage to the paint.

●Use a parallel force to remove the staples to prevent damage to the staples. At the same time should pay attention to efforts.

●【1】is dark gray bright blue/bright green/bright purple/bright red/bright yellow for the car.

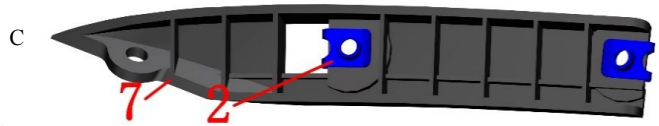
A





B

C



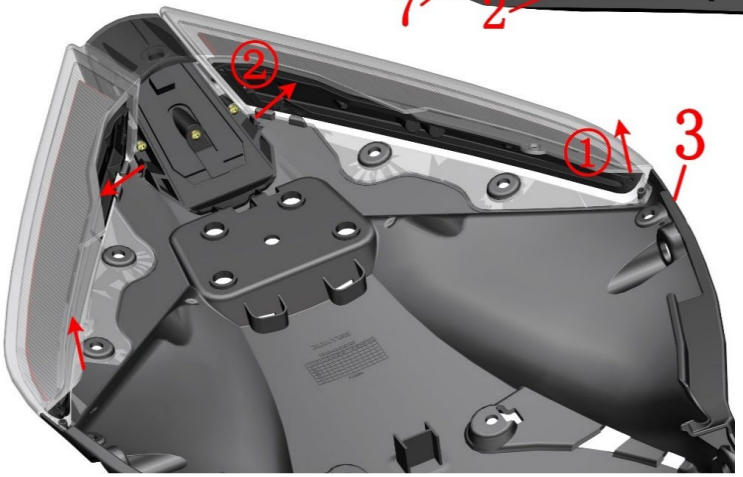


Fig.4 REAR COVER COMPONENT		Rear cover taillight component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244100-002000	ZT250-S Side cover round rubber	4	
2	1251300-063093	plywood M6×11×15 (environmental color)	6	
3		ZT310-R Rear cover	1	
4	1224100-010000	ZT250-S Expansion nail	2	
5	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
6	1224200-054000	ZT310-R Taillight left mounting plate	1	
7	1224200-056000	ZT310-R Taillight right mounting plate	1	

PROCEDURE:

●Rear cover taillight component

Remove 4 pieces of side cover round glue(1) and 2 pieces of plywoods(2) and 2 pieces of expansion nails(4) from the rear cover(3), as shown in Picture A.

Using 4# inner hexagon socket remove the bolts(5) and remove the left and right mounting plate component.

●Mounting plate component

Remove the plywood (2) from the taillight left mounting plate(6) as shown in Picture B.

Remove the plywood (2) from the taillight right mounting plate(7) as shown in Picture C.

●Taillight component

With both hands, grasp the left front and rear cover connections of the taillights and pull up in the direction of arrow① to pull the taillight component out of the pin on the cover. Snap the② in the direction of the arrow and pull them up while pulling them outwards. In the same procedure, pull up the right taillight component.

CAUTION:

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

●The front of the cover is a litter long and care must be taken to prevent it from being broken unevenly.

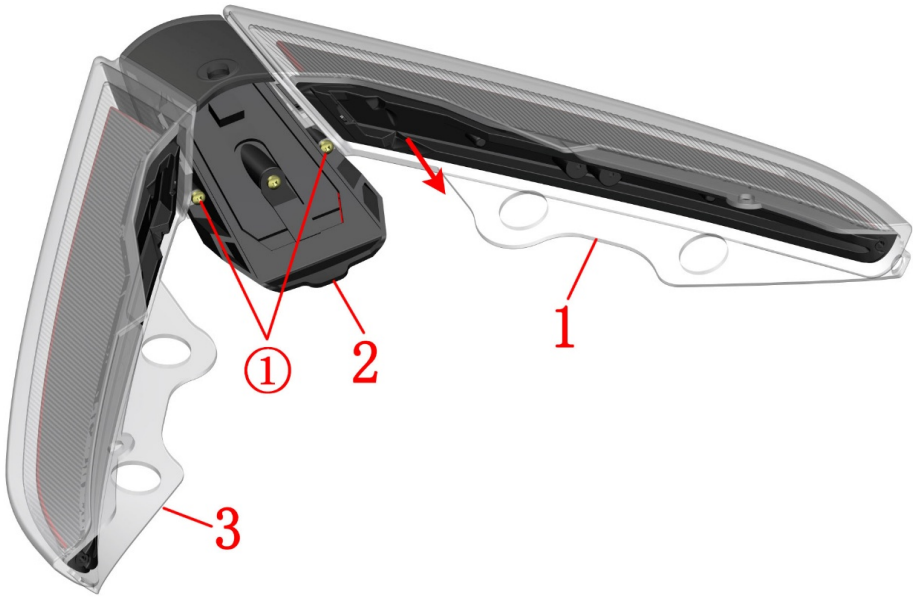


Fig.5 REAR COVER COMPONENT		Taillight component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1174200-012000	ZT310-R left rear position lamp	1	
2	1174200-014000	ZT310-R stop lamp	1	
3	1174200-013000	ZT310-R right rear position lamp	1	

PROCEDURE:

●Taillamp component

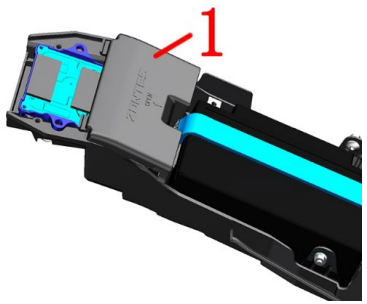
Remove the left bolt① and hold the stop lamp(2). Pull the left rear position lamp(1) out in the direction of the arrow. Remove the left rear position lamp(1).

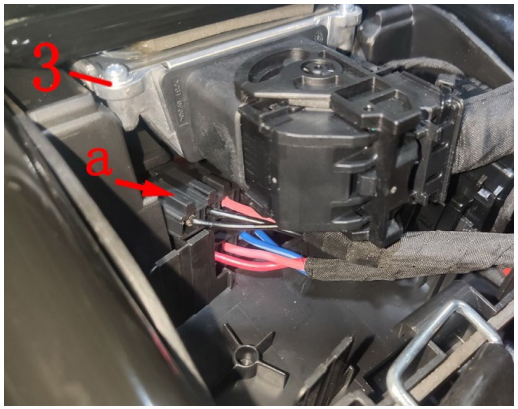
Remove the right rear position bright(3) as described above.

CAUTION:

●The material should be protected during discomponent to prevent scratching the lamp.

●Never pull the cable directly.





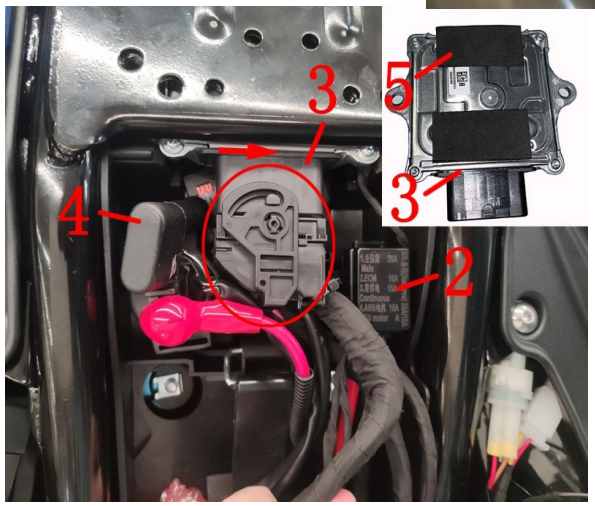


Fig. 6 REAR COVER COMPONENT		Electrical component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1224200-176000	Colloid battery electric device box upper cover	1	
2	1184100-017000	ZT250－S fuel-injection relay	5	
3	1050958-014000	MSE6.0 controller - ZT184MP (matching split sensor / Euro V)	1	
4	1184100-010000	ZT250－S starting relay	1	
5	1240300-007000	HJ125－6 Battery rubber gasket	2	

PROCEDURE:

●Relay

Remove the colloid battery electric device box upper cover (1).

Pull up the cable and unplug the fuel-injection relay (2) .

Turn off the positive and negative.

Protective rubber caps (red for the positive and black for the negative) of the starter relay(4). Remove the positive and negative connectors by unscrewing the nut, and screw the nut back onto the relay stud to prevent loss.

Find the starting relay and main cable connector unplugged.

●Engine Control Unit（ECU）

Turn the switch on ECU (3) in the direction of the arrow and pull it out to separate ECU (3) from the main cable.

●Fuse box

Fuse box cover with corresponding instructions.

CAUTION:

●Do not pull the cable directly when unplugging it.

●Pay attention to the direction and angle of force when plugging in and out electrical parts to avoid bad contact caused by bending the insert of electrical parts. Violent operation is prohibited.

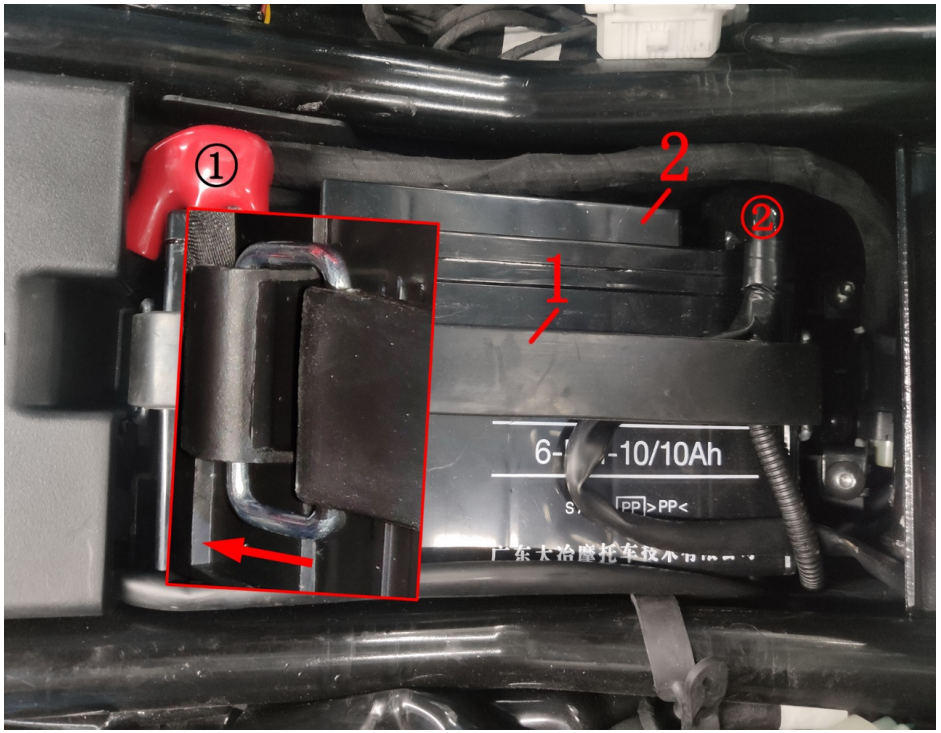


Fig. 7 REAR COVER COMPONENT		Battery component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1244200-111000	ZT310 gel battery strap	1	
2	1184200-099000	ZT310 colloid battery (6-FM-10/10Ah)	1	
3	1184300-037000	ZT350 Gel Battery Charger (European)	1	

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:

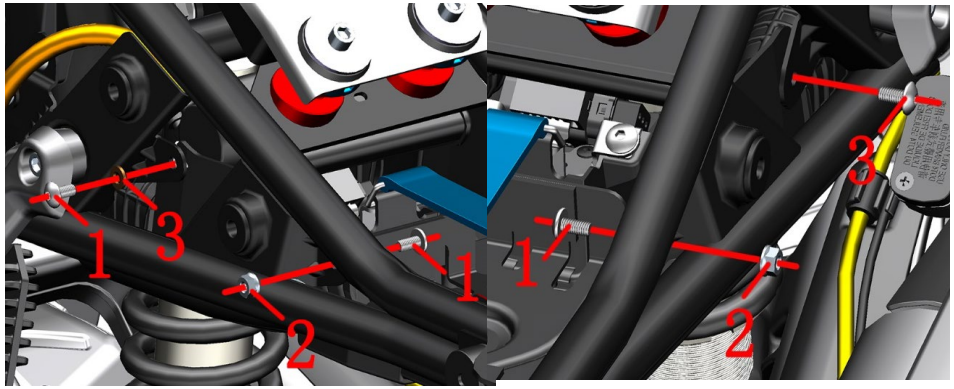
●Be careful not to overcharge the charging time. About the use and maintenance of the battery see the instructions.

●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 12.8V, 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.



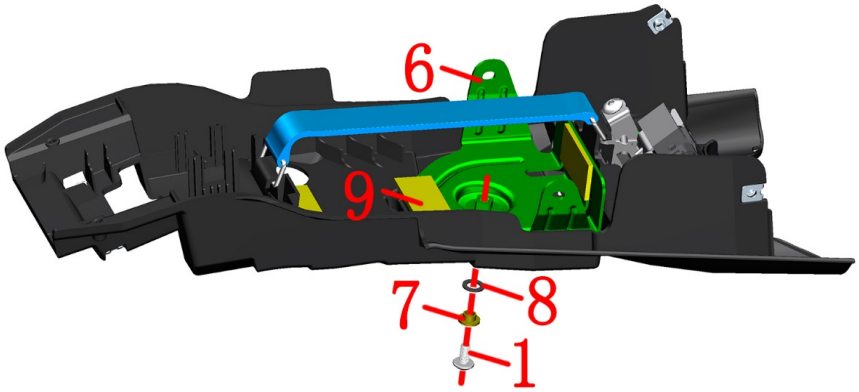


Fig. 8 REAR COVER COMPONENT		Electrical device box component 1	CHK ADH	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	5	
2	1250303-010093	GB6177.1M6 (environmental color zinc)	2	
3	1251513-001019	6.3 x 12 x 1.6 copper gasket	1	
4	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	2	
5	1224200-040000	ZT310 Electrical device box cover	1	
6	1274200-238000	ZT310-R battery holder (gel battery)	1	
7	1274100-057095	Flanging bushing φ6.2×φ8.5×3.5＋φ14×1.5	1	
8	1244100-052000	Buffer rubber of flanging bushing (φ8.5×φ14×1)	1	
9	1240300-007000	HJ125－6 Battery rubber gasket	3	

PROCEDURE:

●Electrical device box component

Using 4# inner hexagon socket remove the bolt (1) on the left side of the battery holder.

Using10# sleeve remove the nut (2).

Using 4# inner hexagon socket remove the bolts(1) on the left side of the front of the electrical component box and remove the gasket (3).

Using 4# inner hexagon socket remove the bolt (1) on the right side of the battery holder.

Using 10# sleeve remove the nut (2).

Using 4# inner hexagon socket remove the bolts(1) on the right side of the front of the electrical component box.

Using 4# inner hexagon socket remove the bolts (4) on the bottom of the rear frame of the frame.

Push the card in the direction of the arrow to snap the lower cover(5).

●Battery holder

Using 4# inner hexagon socket remove bolt(1) then remove bushing(7) and the cushion rubber(8). Remove battery holder (6).

Remove the battery pad (9) and clean the remaining adhesive.

CAUTION:

●Do not pull the cable directly when unplugging it.

● Pay attention to the direction and angle of force when plugging in and out electrical parts to avoid bad contact caused by bending the insert of electrical parts. Violent operation is prohibited.

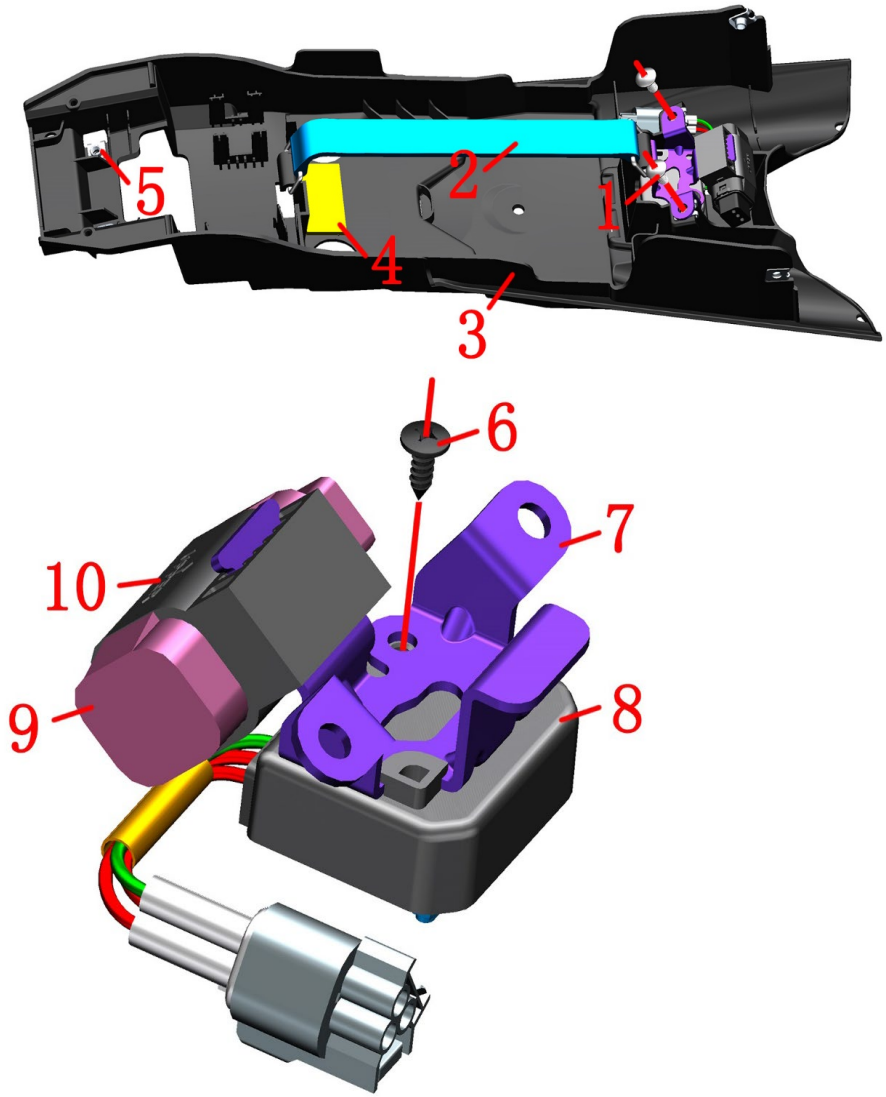


Fig. 9 REAR COVER COMPONENT		Electrical device box component 2	CHK ADH	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	2	
2	1244200-111000	ZT310 gel battery strap	1	
3	1224200-161000	ZT310-R Electrical Device Box (colloid battery)	1	
4	1240300-007000	HJ125-6 Battery Pad	1	
5	1251300-063093	Plywood M6×11×15 (environmental color)	6	
6	1251200-050094	Non-standard cross tapping screws ST3.9×12 (Black Zinc)	1	
7	1274300-017000	ZT350-R charging port bracket	1	
8	1184300-040000	ZT350 charging port holder	1	
9	1184100-002000	ZT250－S dump switch	1	
10	1244100-082000	ZT250－R dump switch sleeve	1	

PROCEDURE:

● Charging port base and dumping switch

Remove the bolt (1) with 4# hexagon socket, and remove the dump switch (9), the dump switch rubber sleeve (10) and the charging port base assembly.

Remove the screw (6) with a cross screwdriver and remove the charging port support (7) and charging port seat (8).

●Electrical device box component

Remove 6 pieces of plywood nuts(5) from the electrical component box(3).

Remove the battery pad(4) and clean the remaining adhesive.

CAUTION:

● Do not pull the cable directly when unplugging the plug.

● Pay attention to strength during disassembly to avoid damaging materials and parts.

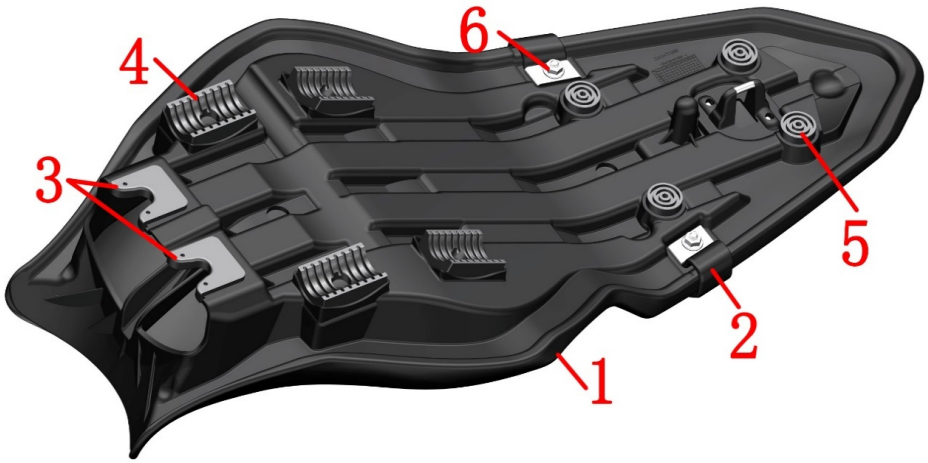


FIG.1 CUSHION COMPONENT		Cushion component	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	4120100-006000	ZT350－R seat	1	
2	1010502-005000	ZT310-R Cushion belt	1	【1】
3	1244100-024000	ZT250-S Cushion front rubber	2	
4	1244300-033000	ZT350-S Cushion rubber	4	
5	1244100-025000	ZT250-S Cushion round rubber	4	
6	1250303-010093	GB6177.1M6 (environmental color)	2	

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 and belt, purchased separately

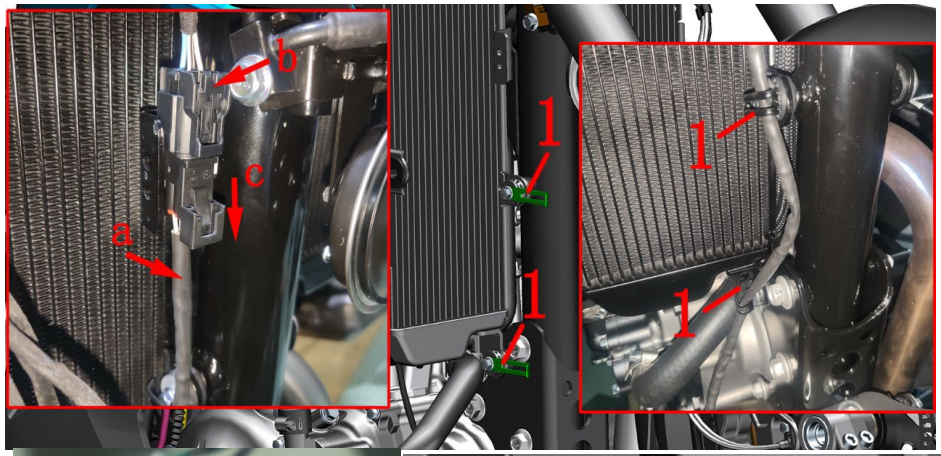
If the cushion rubber aging or excessive wear of the belt can be purchased on the Zontes official website. The corresponding installation position is shown in the lower left figure.

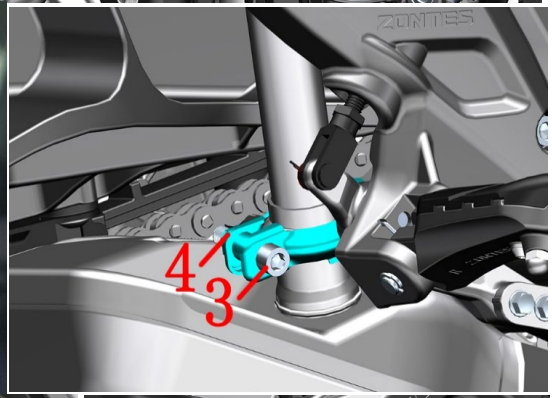
CAUTION:

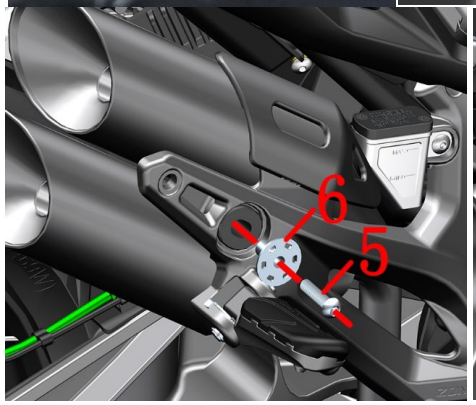
●The motorcycle should be fixed before operation.

●【1】Cushion(1) contains all cushion rubber and locks, bolts.

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







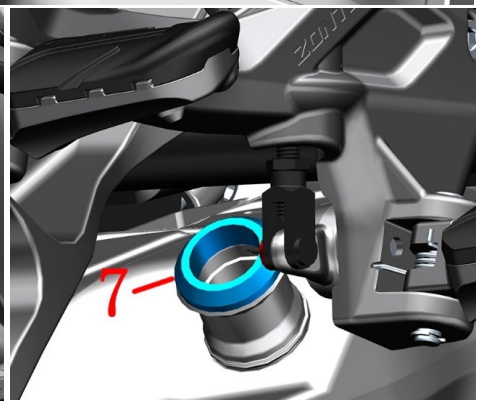


Fig.1 MUFFLER COMPONENT		Muffler component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1276200-043000	φ6 wire clamp (L=57)	2	
2	1224300-085000	ZT350-R cable plastic staple	1	
3	1250205-023000	GB70.1 inner hexagonal M8×35 (color Zinc)	1	
4	1274100-074000	ZT310-R Muffler stainless steel bar clasp	1	
5	1250205-125000	GB70.2 M8×35(12.9 garde,darco)	1	
6	1020243-097000	ZT350 muffler flanging bushing (φ8.3×φ11.5×20.5×φ 8.4×φ33×1.5)	1	
7	1124300-004000	ZT350-GK muffler graphite gasket(37.8×28×11)	1	

PROCEDURE:

●Muffler component

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

Lower the side stand.

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

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

●Muffer rear assembly

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

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

Take off the graphite gasket(7),protect the nozzle,if it's deformed,it may cause leakage.The graphite gasket may be left in teh rear assembly or in the front assembly when removed.

CAUTION:

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

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

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

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

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

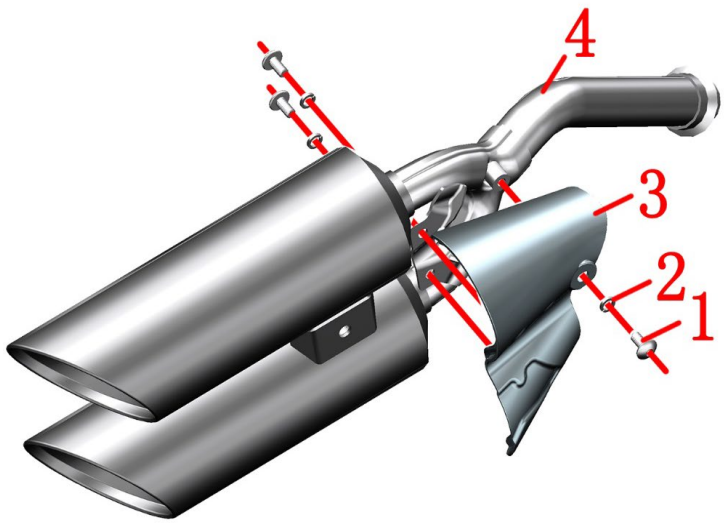
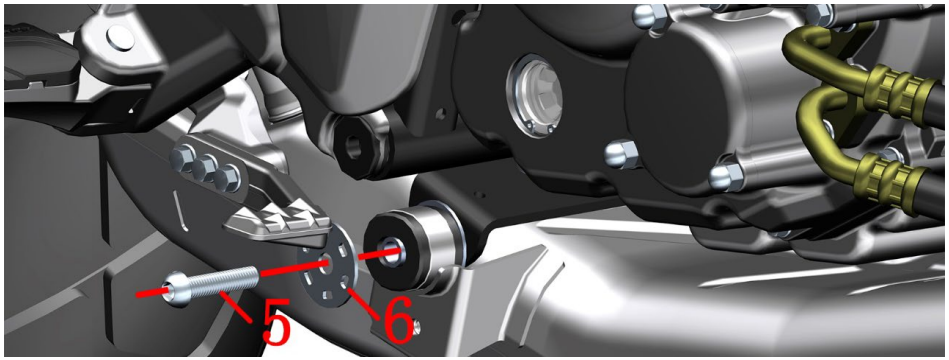


Fig.2 MUFFLER COMPONENT		Muffler component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251100-101000	Non-standard bolt M6×12 (304 stainless steel)	3	
2	1250501-010000	GB93φ6 spring pad	3	
3	4084300-010051	350－GK rear muffe decorative cover (dark gray matte)	1	
4	4084300-011051	ZT350－GK rear muffer(dark gray matte)	1	
5	1250205-125000	GB70.2 M8×35（12.9 grade,darco）	1	
6	1020243-098000	ZT350 muffer gasket（ φ8.3×φ33×1.5）	1	
7	1020243-097000	ZT350 muffer flanging bushing（φ8.3×φ11.5×20.5×φ8.4×φ33×1.5）	1	



PROCEDURE:

●Muffer rear assembly

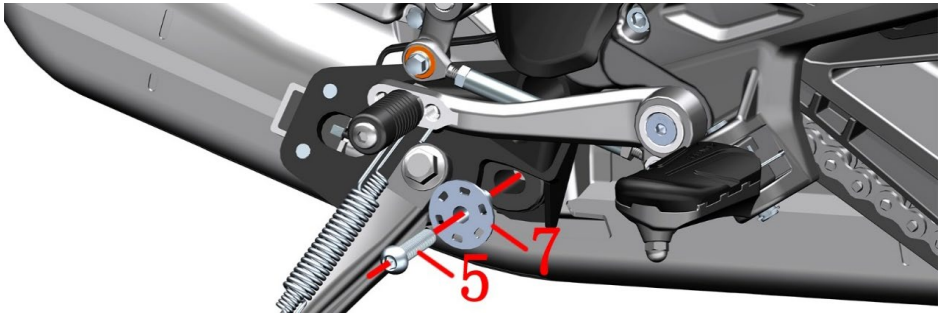
Using 4# inner hexagon socket remove 3 pcs bolts(1),take off spring pads(2) then take off the decorative cover (3) form the rear muffe(4).

Remove the silicone pad(5).

●Muffer front assembly

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

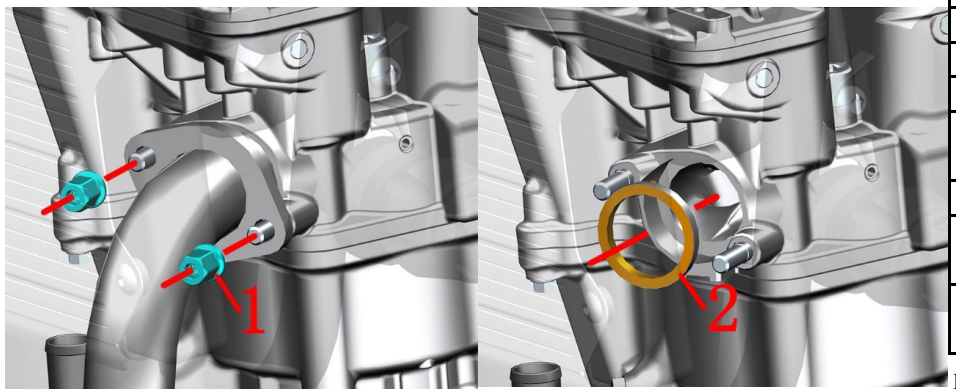
Using 6# inner hexagon socket remove bolt(5) at the left side of muffer,then take off the bushing(7).



CAUTION:

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

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



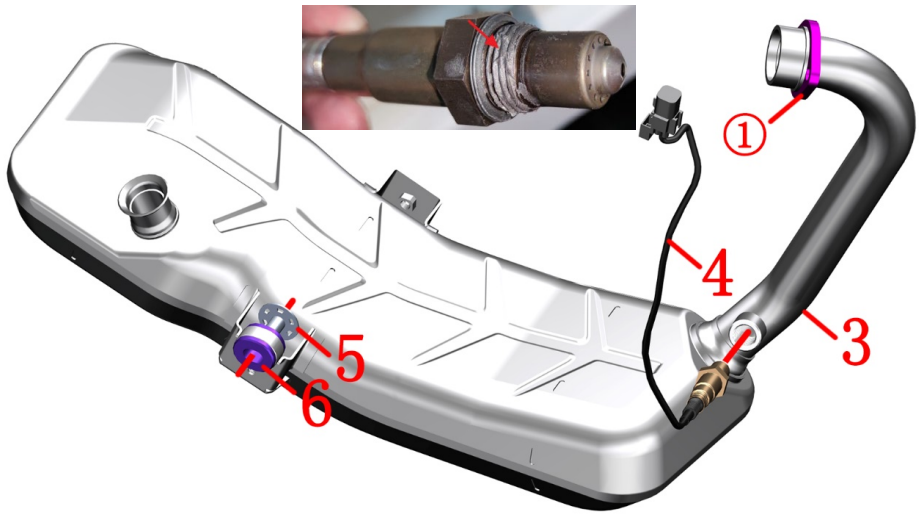


Fig.3 MUFFLER COMPONENT		Muffler component 3	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	CAUTION
1	1251300-058093	Inner hexagonal nut M8 (color zinc)	2	
2	1070100-499000	ZT350-GK engine exhaust outlet seal	1	
3	4084300-012000	ZT350-GK-H2 front muffler (self-made/Europe Ⅴ /Bosch EFI version)	1	
4	1050970-011000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

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(4.5 kgf.m,32 lbf.ft).

CAUTION:

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

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

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

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

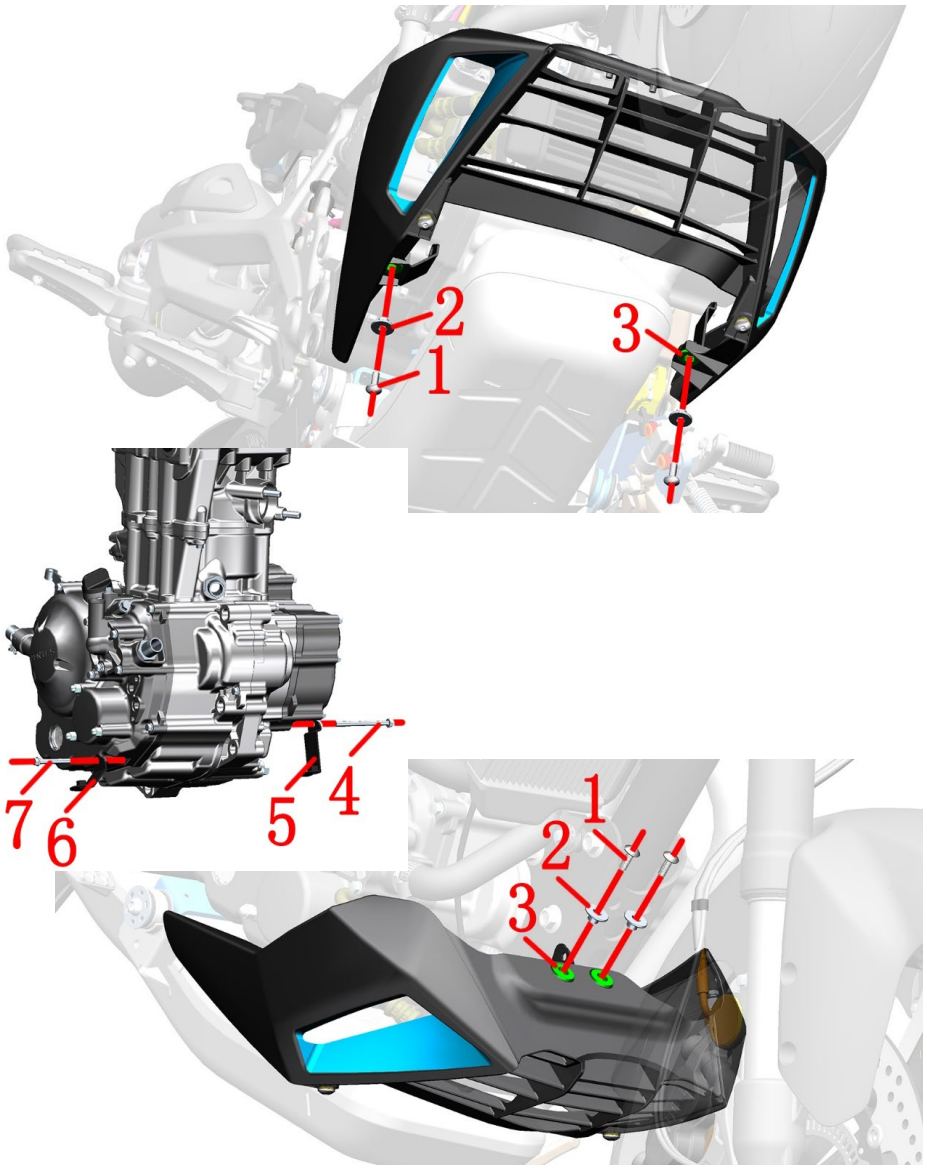


FIG.1 LOWER SHROUD COMPONENT		Lower shroud component 1	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1274100-007000	ZT250-S flanging sleeve(φ6.4×φ9×6＋φ20×2)	4	
3	1244100-004000	ZT250-S Flanging bushing buffer	4	
4	1251112-005093	M6×75 Hexagonal flange bolt (color zinc)	1	
5	1274300-005000	ZT310-R Lower shroud left bracket	1	
6	1274300-006000	ZT310-R Lower shroud right bracket	1	
7	1251112-003093	M6×45 Hex flange surface 9.8 bolts (color zinc)	1	

PROCEDURE:

●Lower shroud assembly

Raise the platform of the motorcycle and support the lower shroud assembly with one hand. Using 4# inner hexagon socket remove the 4 bolts(1) with the hexagonal tool and remove the flange bush(2).

Remove the shroud assembly and place it.

●Lower shroud bracket

Using 8# sleeve remove the bolt(4) with the sleeve and remove the left shroud bracket(5).

Using 8# sleeve remove the bolt(7) with the sleeve and remove the right shroud bracket(6).

CAUTION:

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

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

●The bolts(4) and (7) must meet the standard torque and must be coated with a thread tightening glue.

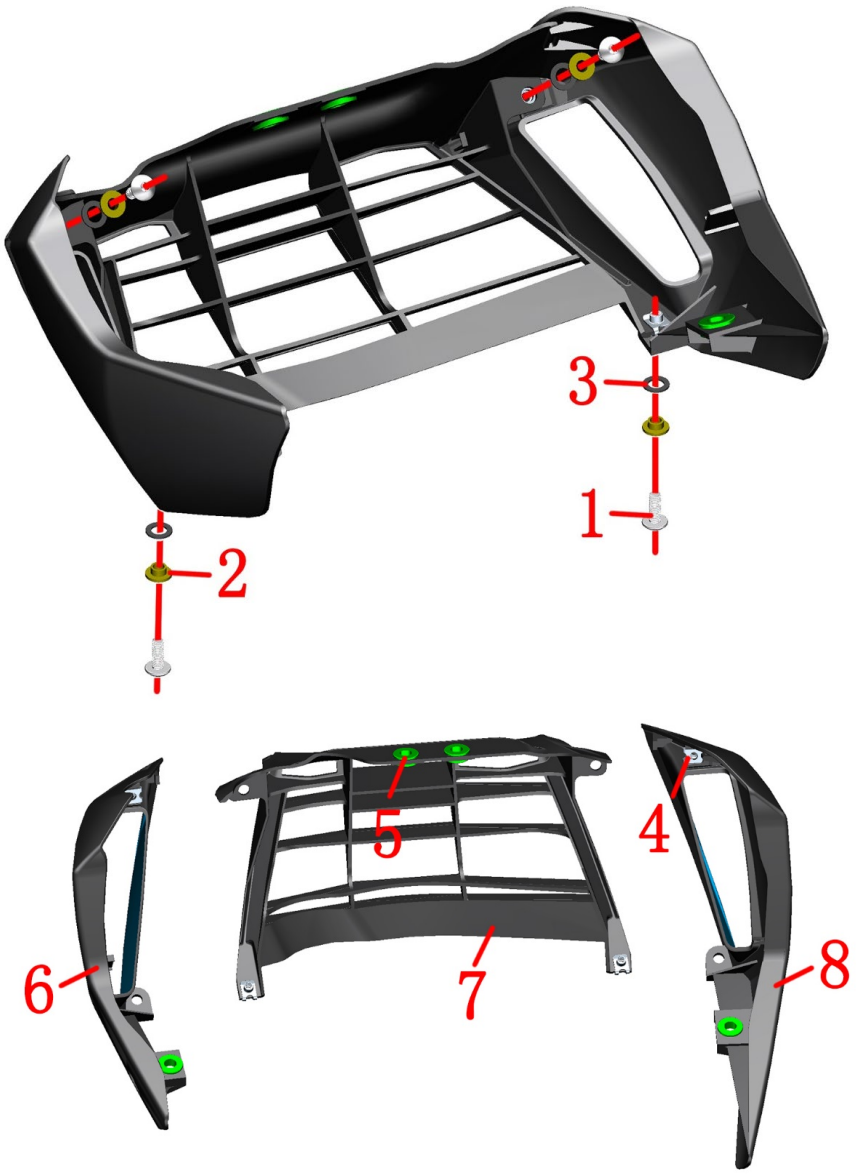


FIG.2 LOWER SHROUD COMPONENT		Lower shroud component 2	CHK ADJ	
NO.	PART NO.	PART NAME	QTY	REMARKS
1	1251100-102000	Non-standard bolt M6×16 (304 stainless steel)	4	
2	1274100-057095	Flanged bush φ6.2×φ8.4×3.5＋φ14×1.5	4	
3	1244100-052000	Flange bushing buffer (φ8.5×φ14×1)	4	
4	1251300-063093	Plywood M6×11×15 (environmental color)	4	
5	1244100-004000	ZT250－S Flanging bushing buffer	4	
6		Lower shroud left part	1	
7	1224300-006000	ZT350－R Lower shroud middle part	1	
8		Lower shroud right part	1	

PROCEDURE:

●Lower shroud assembly

Remove 4 bolts(1) and remove the flange bush(2) and pad(3).

Use a flathead screwdriver to open the snaps indicated by the arrows and separate the lower shroud assembly into three parts.

●Shroud left part

Remove the plywood(4) and cushion rubber(5) from the left part of the shroud(6).

●Shroud right part

Remove the plywood(4) and cushion rubber(5) from the right part of the shroud(8).

●Shroud middle part

Remove the plywood(4) and cushion rubber(5) from the middle part of the shroud(7).

CAUTION:

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