

Cheetah 150



Set up instruction

This instruction is only for authorized or trained professional mechanic

VEHICLE DESCRIPTION AND IDENTIFICATION:



NO	DESCRIPTION	NO	DESCRIPTION
1	FRONT WHEEL ASSY. R.	2	FRONT PLASTIC BUMPER
3	FRONT BUMPER BRACKET	4	FRONT LOWER SUSPENSION ARM
5	SHOCK ABSORBER ASSY. FR	6	STEERING GEAR ASSY
7	FRONT UPPER SUSPENSION ARM	8	STRUT AND SPINDLE SUPPORT L.
9	FRONT FENDER BRACKET, L.	10	FRONT FENDER
11	FRONT WHEEL ASSY. L.	12	M10*1.25 LOCKING NUT
13	HUB COVER	14	LEFT GUARD
15	REAR WHEEL ASSY. L.	16	REAR FENDER L.



NO	DESCRIPTION	NO	DESCRIPTION
17	HOOD COVER	18	HOOD
19	HEADLIGHT COVER BODY R.	20	HEADLIGHT COVER BODY M.
21	HEADLIGHT COVER	22	HEADLIGHT COVER BODY L.
23	LEFT LED LIGHT	24	ROLL CAGE FRONT (R/L)
25	M8*55 FLANGE BOLT	26	R WASHER
27	M8 LOCKING NUT	28	TOP CAGE
29	REAR BAR R.	30	TOP CAGE FOAM PADDING
31	AWNING	32	REAR BAR L.
33	ROLL CAGE REAR	34	REAR PLASTIC PLATE L.



NO	DESCRIPTION	NO	DESCRIPTION
35	STEERING WHEEL	36	STEERING BOLT COVER
37	RIGHT GUARD	38	HEAD REST and BACK
39	HEAD REST & BACK	40	REAR PLASTIC PLATE R.
41	FUEL TANK	42	REAR FENDER R.
43	REAR WHEEL ASSY. R.	44	STEERING GEAR ADJUSTING BOLT
45	PARKING BRAKE ASSY	46	BRAKE REVERSE ASSY
47	PASSENGER SEAT ONLY	48	DRIVER SEAT ONLY
49	BATTERY	50	SHOCK ABSORBER ASSY. RR.
51	ENGINE COMP.		

Check the components after opening the box:

- 1) Battery: 1pc Type YTX12-BS (12V10Ah), includes one battery, one battery liquid, two bolts and nuts for installation.



- 2) Fuel tank: 1pc



- 3) Top cage: 1pc



4) Roll cage front (R/L): 2pc



5) Roll cage rear: 1pc



6) Rear bar (R/L): 1 of each



7) Rear plastic plate (R/L): 1 of each



8) Front fender (R/L): 1 of each



9) Rear fender (R/L): 1 of each



10) Shock absorber assy. FR: 2pc, L=300,



11) Shock absorber assy. RR: 1pc, L=345



12) Front wheel assy. (R/L): 1 of each



13) Rear wheel assy. (R/L): 1 of each



14) Flagpole and flag: 1pc



15) Head rest and back: 2pc



16) Awning: 1 set



17) Bag 1: battery lower cushion (1pc), hub cover (4pc), rear side mounting plate(2pc), steering bolt cover(1pc), $\phi 32$ stainless steel embrace hoop (1pc), flagpole holder (1set), spark plug socket (1pc), zip tie (10pc)



- 18) Bag 2: GB5783 M6*12 bolt (3pc), GB5787 M8*25 bolt (4pc), GB6187 M8 locking nut (9pc), GB5789 M6*20 flange bolt (4pc), GB5789 M6*16 flange bolt (6pc), GB6177 M6 flange nut (4pc), GB5787 M8*16 flange bolt (12pc), GB5787 M8*55 flange bolt (10pc), R washer (14pc), GB6187 M10*1.25 locking nut (18pc), 2.5*25 cotter pin (2pc), battery strap (1pc), battery box (1pc), safety belt bolt and nut (2 set)



- 19) Manual: 1pc



一、 Assembly:

1、 Assemble the rear shocks: take down the bolts from the shock, lift the rear swing arm to let the top of shock into the fixing seats of frame, use 37-44NM torque to fix the shocks attached the frame. (Note: 1NM = 0.74 lb ft). When installing the lower part of the shock, the rear swing arm belt should be mounted with bolt together, then tightened.



2、 Assemble battery and battery cover: put the battery liquid into the battery body, close the battery cover. Put the cushion plate into the battery mount box. Connect the battery wires to the battery poles “+ to +; - to -”, cover them. Put the wired battery into the battery mount box covered with the plastic protection cover, put the wires out through the protection

cover slot, fasten the battery with battery strap.

3、 Assemble the rear wheels: raise the frame to install the wheel, fit the wheel onto the hub, screw the locking nut M10x1.25 tightly with 37-44NM. Use a crisscross sequence until they have reached their proper torque value. Then cover the hub cover.



4、 Assemble the rear fender: take down the M8x16 bolts from the fender bracket, assemble the rear fender, screw on the bolts with torque 22-29NM.



5、 Assemble the front strut and spindle support: lift the frame over the ground, take down the bolts and washers on the bulbs of strut, attach the lower suspension arm to the strut, put on the washer and castle nut in order, screw the nut with 55-62NM torque, fix the cotter pin 2.5X25 through the castle nut.



6、 Assemble the front shocks: take down the bolt on the shocks, attach the shock on the front lower suspension arm and the shock mounting position of the frame, then fix the bolt with 37-44NM torque.



7、 Assemble the front fender: take down the bolts M6*16 on the strut, assemble the fender, fix the bolt with torque 11-16NM.

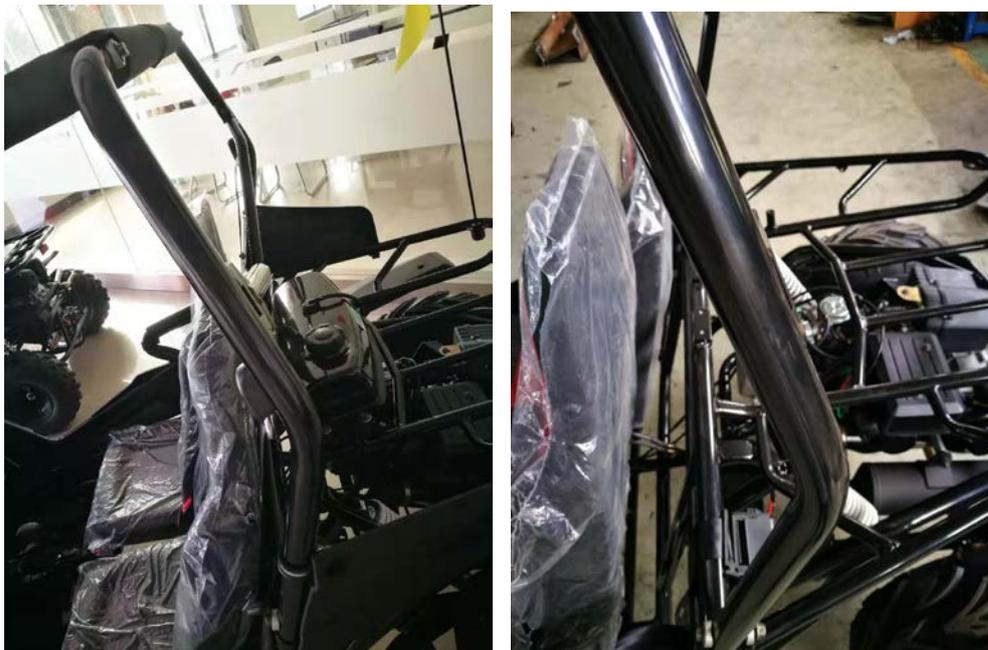


8、 Assemble the front wheel: fit the front wheel onto the hub, screw the locking nut M10x1.25 tightly with 37-44NM. Use a crisscross sequence until they have reached their proper torque value. Then cover the hub cover.



9、 Assemble roll cage rear: put two sides of roll cage rear into the connection rods on frame, fixing with bolt M8x55, R-washer and M8 nut.

The bolt is screwed on but not tightened



10、 Assemble rear bar: put two sides of rear bar into the connection

rods on frame and roll cage rear, fixing with bolt M8x16. The bolt is screwed on but not tightened.



11、 Assemble roll cage front: put front side of roll cage bar onto the connection rods on frame, fixing with bolt M8x55, R-washer and M8 nut. Then put back side onto the connection rods of roll cage rear, fixing with bolt M8x55, R-washer and M8 nut. The bolt is screwed on but not tightened.



12、 Assemble top cage: connect the top cage and roll cage front/ rear, fixing with bolt M8x55, R-washer and M8 nut. The bolt is screwed on but not tightened.



13、 Tighten the mounting bolts in the assembly sequence of 9, 10, 11 and 12, and the torque is 22-29NM.

14、 Assemble awning: put the foam padding on the top cage, install the

awning and tighten it.



15、 Assemble rear plastic plate:

15.1、 Install the rear plastic plate on the mounting position of the shelf behind the frame with M6*16 bolts. During the installation, Weld the board with the nut end up, with the nut position facing out.



15.2、 Clamp $\phi 32$ stainless steel embrace hoop on the roll cage rear, screw the lower front part of the rear plastic plate on the front position of rear cargo rack with M6*16 bolts, connect the hoop and the front upper part of the rear plastic plate with M6*20 bolts and M6 flange nuts.



15.3、 Use M6*20 bolts and M6 flange nuts to connect and install the upper part of the rear plastic plate and the back part of the rear plastic plate. Tighten all bolts with a tightening torque of 11-16NM.



16、 Install the steering wheel: use the M6x12 bolts to install the steering wheel onto the steering shaft, fasten the steering bolt cover on it.



17、 Assemble the fuel tank: fix the tank on the mount position of rear cargo rack with M8x25 bolts using 22-29 NM torque.



18、 Connect the fuel tubes:

18.1、 Connect the tank switch outlet to the carburetor inlet.



18.2、 Connect the oil tank dumping check valve tubing to the air filter.



19、 Install the head rest and back: insert the head rest and back into the seat.



20、 Install the safety belt: straighten out the safety belt smoothly, take off the cover of the safety belt mounting plate, fix the safety belt mounting plate with the bolt on the seat belt mounting position behind the roll cage rear, tighten the bolt, and then cover the safety belt cover back.



21、 Adjust the height of the steering wheel: after the driver sits on the seat and adjusts the seat to an appropriate position as required, loosen the bolts of the steering wheel adjusting installation bracket, then adjust the steering wheel to a comfortable height, and finally tighten the bolts.



Install the vehicle accessories according to the above steps, the assembly can be completed. Before driving, please read the user manual carefully and operate strictly according to the user manual.