



# KAYO MOTO

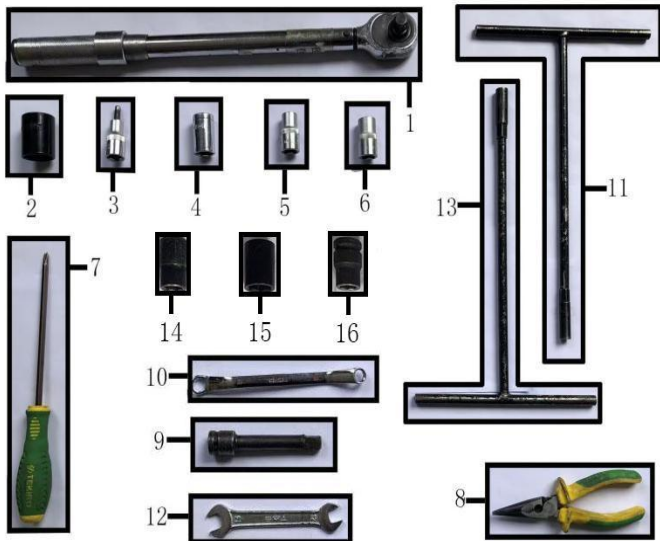
A180

## Assembly Manual



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- ① Torque wrench
- ② 27mm socket
- ③ 6mm hexagon socket
- ④ 17mm socket
- ⑤ 12mm socket
- ⑥ 14mm socket
- ⑦ Phillips screwdriver
- ⑧ Needle nose pliers
- ⑨ Additional rod for electric wrench socket
- ⑩ No. 10-12 wrench
- ⑪ No. 8 T-socket
- ⑫ No. 12-14 wrench
- ⑬ No. 10 T-socket
- ⑭ 10mm socket
- ⑮ 21mm socket
- ⑯ 13mm socket

1. The above picture shows the tools needed to unpack and install the vehicle



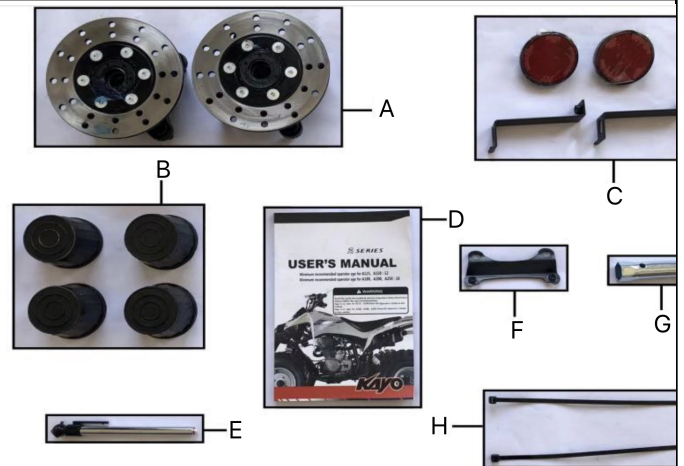
2. Remove the straps and cardboard cover.



3. Take out the parts attached on the vehicle and the packaging iron frame, remove the iron frame screws, wait for subsequent installation.

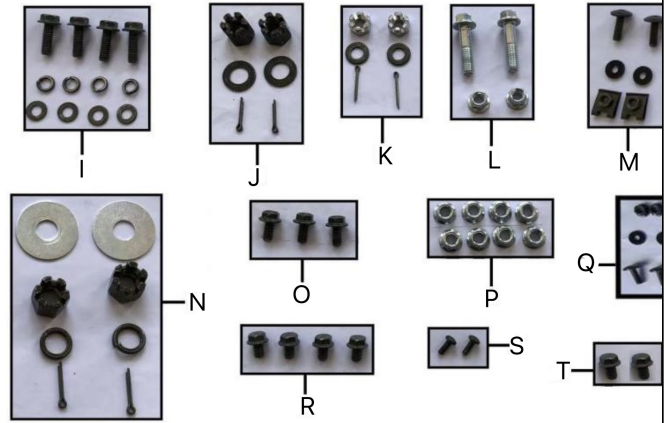


4. The parts shown above need to be subsequently installed on the vehicle.



5. Above photo shows the accessories in the carton. Please read the user's manual(D) before assembling.

	Name	Quantity	
A	Front brake disc	2	
B	Rubber dust cap	4	
C	Rear L&R reflector	2	
	Bracket	2	
D	User's manual	1	
E	Air pressure gauge	1	
F	Bracket for gear indicator cover	1	
G	Spark plug socket	1	
H	Cable tie	2	
I	Front brake hardware	flange bolt M8*25	4
		spring washer $\Phi 8*13*2$	4
		washer $\Phi 8*16*1.5$	4
J	Front wheel hub hardware	slotted nut M14*1.5*H18	2
		washer $\Phi 15*28*1.5$	2
		cotter pin 3*20	2
K	Steering pull rod hardware	slotted nut	2
		washer $\Phi 10*20*2$	2
		cotter pin 2.5*24	2
L	Front fork hardware	bolt M10*40*1.25	2
		nut M10*1.25	2
M	Plastics cover hardware	screw M6*20	2
		washer $\Phi 5.5*14.5*2$	2
		nut M6 20*16*1.0	2
N	Rear axle hardware	slotted nut M18*1.5	2
		cotter pin 4*28	2
		dust cap washer $\Phi 18.5*53*2$	2
		spring washer $\Phi 18*27*4.5$	2
O	Sub-frame bolt M8*16	3	
P	Front wheel rim lock nut M10*1.25	8	
Q	Front plastics hardware	screw M6*16	2
		rubber washer $\Phi 5.5*15*2$	2
		nut M6	2
R	Front bumper bolt M8*12	4	
S	Gear indicator bolt M5*12	2	
T	Rear reflector bracket bolt M8*12	2	



6. The picture shows the details of the hardware in the accessory box



7. Install bracket for gear indicator cover(F), use tool ①③ to tighten handlebar clamps, the distance between the two ends of the mark is close, tighten evenly, first start by hand tightening all four clamp bolts. (The handlebar is tilted 3-5° vertically to the rear after installation, and the torque is required to be 25-30N.m)



8. Use tool ⑦ to tighten the rear reflector bracket bolt (T).



9. Use tool ⑦ to install the combination switch



10. Use tool ⑩⑫ to remove the screws fixed on the rear axle, and then use tool ⑧ to remove the screws fixed to the front of the frame (The front frame fixing wire is a temporary solution, and the subsequent packaging is fixed with bolts)



11. Put the vehicle on the stand for easy installation of other accessories.



12. Use tool ①⑫⑯ to tighten front fork bolt and nut(L).  
(torque requirement 49-59N.m)



13. Install the pull rod on the steering knuckle, then install slotted nut and washer(K). Use tool ①④ to tighten, and insert the cotter pin(K), the bending angle is greater than 180°(torque requirement 49-59N.m)



14. Install front brake disc(A) on the steering knuckle, use tool ①⑮ to tighten slotted nut(J), and insert the cotter pin(J), the bending angle is greater than 180°.



15. Install the front disc brake caliper on the steering knuckle, use tool ①⑮⑨ to fasten the front brake bolt, spring washer, washer (I) (torque requirement 25-30N.m)



16. Please refer to user's manual (D) for air pressure requirements. Use compressed air to inflate the tires and use the air pressure gauge (E) to inflate to the standard value of 5psi.



17. Install the front wheel on the front hub, and use tool ①⑯ to tighten the front wheel rim lock nut(P), and install rubber dust cap(B). (torque requirement 60-68N.m)



18. Align the rear wheel with the splines and push on the rear axle, with the air nozzle cap facing outward, install the slotted nut, dust cap washer and spring washer(N), and use ①② to lock them. Then insert the cotter pin(N), the bending angle is greater than 180° and install rubber dust cap(A). (torque requirement is 77-92N.m)



19. Use tool ①⑤ to tighten the front bumper bolt(R). (torque requirement is 25-30 N m)



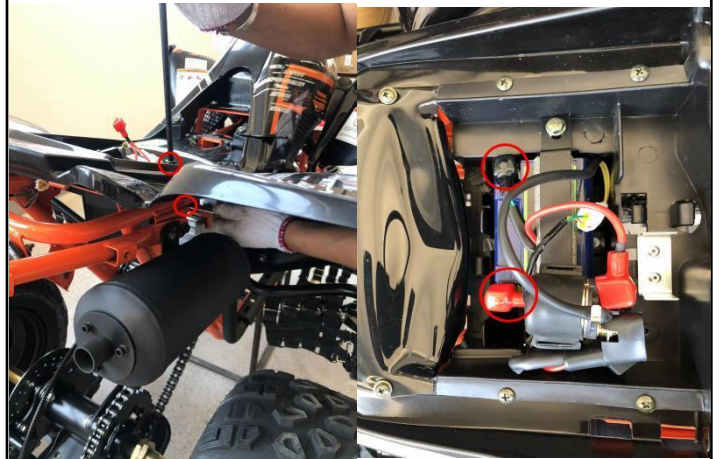
20. Install the sub-frame, use tool ①⑤⑨ to tighten the sub-frame bolt(O). (torque Requirement 25-30N.m)



21. Install plastics cover nut(M) on the plastics, and then use ⑦ to tighten the screw and washer(M).



22. Pull the latch as above shown and remove the seat cushion, waiting for the subsequent installation of the battery.



23. Use tool ⑩⑬ to remove the battery holder, install the battery and fix the battery holder, connect the positive and negative poles as shown in the picture, use tool ⑦ to tighten the screws, then install the seat. (Red is positive, black is negative)



24. Use tools ⑦⑩ to tighten the front plastics screw, washer and nut(Q)



25. Take out rear L&R reflector bracket(C) from the accessory box and use tool ①⑤⑨ to tighten the screws(T) of the reflector bracket and install the reflector. (torque requirement 25-30N.m)



26. Unscrew the fuel tank cap, add gasoline, and tighten the fuel tank cap clockwise.



27. Please read the user's manual (D) carefully before riding to better understand the performance of the vehicle.



