



TrailMaster MID XRS

Set up instruction

Version: 2.0

2012/01/12



NEW!!! SINCE 2012

This set up instruction guides our customer to set up the go kart TrailMaster MID XRS step by step to ensure a correct assembly for safe driving.

1. Check the components after opening the box.

1.1 One sport steering wheel (pic.1)



Pic.1

1.2.1 One standard parts package, one manual, four hub covers, 5 cable bundles and one steering bolt cover (pic.2)



Pic.2

1.2.2 In the standard parts package: 14 bolts M8x50, 2 cotter pins 3X40, 2 cotter pins 2.5X25, 20 R-washers, 6 self-locking nuts M8 (pic.3)



Pic.3

1.3 Two bar cages (pic. 4)



Pic.4

1.4 Two side bars for left and right side with tube seats (pic. 5)



Pic.5

1.5 One top cross bar with tube seats (pic.6)



Pic.6

1.6 front wheels left and right; rear wheels left and right (pic.7)



Pic.7

1.7 Air filter assembly and accessories 1 set

1.8 Fuel tank component 1 piece

1.9 Muffler 1 piece.

2. Assembly

2.1 Assemble the rear shock: take down the bolts from the rear shock, raise the frame to install the rear shocks, fix the bolt with torque 22-29NM.



Pic. 8

2.2 Assemble the rear wheels (pic.9): Take off the nut M16x1.5 and Φ 16 washer from the rear axle. Rise up the tail part and set up the rear wheel onto the rear axle, screw the washer and nut screw tightly with 98-103NM, then open the cotter pin 3X40 for fixing, cover the hub cover.



Pic.9

2.3 Assemble the front wheel (pic.10): Take off the nut M12x1.25 and Φ 12 washer from the rear axle. Rise up the front part and set up the rear wheel onto the rear axle, screw the washer and nut screw tightly with

55-62NM, cover the hub cover.



Pic.10

2.4 Assemble the long bar cages (pic.11): put two sides of long bar cages onto the connection rods on frame and rear cargo rack fixing with bolt M8x50, R-washer and M8 nut. Tighten the bolts.



Pic.11

2.5 Assemble the side bar (pic.12): Put one side of side bar attaching the long bar cage, connect the side bar and the long bar cage together with bolt M8x50, R-washer, screw the bolts 3 turns. Connect another side of side bar onto the connection rod of frame with R-washer, bolt M8x50 and bolt. Screw on all the bolts tightly.



Pic.12

2.6 Assemble the cross bar (pic.13): Connect the cross bar with two long bar cages with bolt M8X50 and R-washer, do not tightening the bolts at this step.



Pic.13

2.7 Screw on the bolts from step 2.4 to 2.6 with torque 22-29NM.

2.8 Assemble the steering wheel: Check the front wheel is at the straight

position. Take down the bolts on steering shaft, put the steering wheel correctly onto the steering shaft (as shown in pic. 14). Screw the bolts with 11-16NM torque. Cover the steering bolt cover.



Pic.14

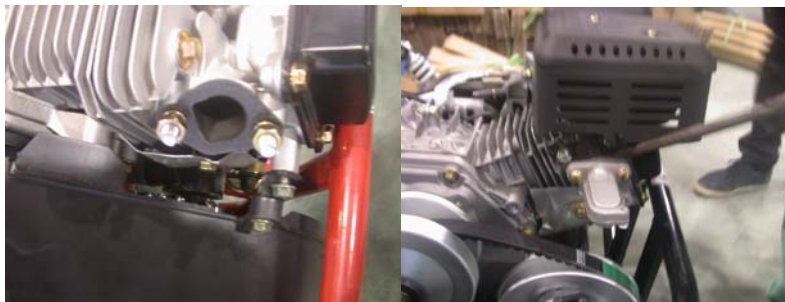
2.9 Fuel tank assembly: 1. Take down the bolts and nuts from the fuel tank; 2. Connect the fuel tube with tank fixing with a jump ring; 3. Place the tank at the tank mounting position, put the rubber bushings at the two front fixing positions between tank and engine; 4. Fix the rear part of fuel tank with M6x30 bolts, torque 11-16NM; 5. Use 2 M6 nuts to fix the front part of fuel tank, torque 11-16NM.

2.10 The throttle cable limit bracket assembly: 1. Take down the nut on the throttle cable limit bracket; 2. Install the bracket on the handle assembly, fix the bolt (pay attention to the straightness of the throttle cable).



Pic. 15

2.11 Muffler assembly: 1. Take off the cover on the exhaust side of engine; 2. Install the muffler on the engine fixing with M8 nuts, the torque is 22-29NM.



Pic. 16

2.12 Air filter assembly: 1. Install the gasket between carburetor and air filter; 2. Assemble the choke handle on the carburetor; 3. Install the air filter lower base using 2 M16 nuts and one M16 bolt to fix, torque is 11-16NM; 4. Install the air filter lower cover; 5. Install the filter core

fixed with wing nut; 6. Install the air filter upper cover fixed with wing nut; 7. Connect the cylinder head exhaust tube to the air filter base.



Pic. 17

2.13 Assemble the seat back on the seat.



Pic. 18

Before driving please read the user manual of TrailMaster Go-kart MID XRS carefully, you will be given with important safety information and advices.

Thanks a lot for choosing TrailMaster Go-kart MID XRS.

For more other products of TrailMaster, please visit www.bvpowersports.com !

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