



MINI BIKE

Set up Instruction

Off-Road Only!!!

Part I. Check Parts in the Package.

**1.1 Screw Package: Bolt M8x16 x6, Locking Nut M8 x1,
Bolt M6x12 x2, Bolt M6x16 x3, Flange Nut M6 x3,
Washer Φ 8 x1.**

1.2 Chain Cover x1.

1.3 Cushion ASSY. FR x2.

1.4 58200-L Transitional Shaft Bracket x1.

**1.5 Clutch ASSY. X1,
10011-80 Clutch Neck Bushing Φ 20x Φ 30x1.25 x1,
58002-50A Clutch Neck Bushing Φ 20x Φ 28x3.5 x1.**

**1.6 44100-L Front Wheel ASSY. x1,
44001-L Front Axle M14x1.5x310 x1,
Locking Nut M14x1.5 x1.**

1.7 45010-L Throttle Bracket COMP. x1.

1.8 60120-L Throttle Cable COMP. x1.

1.9 40520-L Grip R. x1.

1.10 Front Fender x1.

1.11 65008-L Clutch Cover x1.

1.12 420-42 Drive Chain x1.

1.13 420-100 Drive Chain x1.

Part II. Vehicle Installation.

2.1 Rear Cushions Installation:

- Unpack the packing frame and take two M10x1.25x40 rear cushion bolts out.
- Make sure that the holes on the rear cushion and frame body are aligned.
- Tighten all bolts (37-44 N.M or 327-389 in.-lbs.).



2.2 Front Cushion Installation:

-Take Bolt M12x1.25x12 out from the top of front cushions.



-Use a stand to prop the bike, and take two M10x1.25x35 bolts out from front fork welding component.



-Insert front cushions upwardly to the installation site of front fork welding component, and then use Bolt M12x1.25x12 to fix front cushions with connecting plate (55-62 N.M or 487-548 in.-lbs.)



-Tighten two M10x1.25x35 bolts (37-44 N.M or 328-389 in.-lbs.) on the front fork welding component.

2.3 Front Fender Installation:

- To ensure that all three holes on the front fender and front fork welding component are aligned.
- Tighten two parts by Bolt M6x16 and Flange Nut M6. (Note: make sure the space between fender and two cushions are equal)

2.4 Front Wheel Installation:

- Put front wheel in the middle of two cushions with moving direction.
- Put Front Axle M14x1.5x310 through left front cushion, front wheel, and right front cushion in order.
- Tighten by Locking Nut M14x1.5 (56-62 N.M or 496-548 in.-lbs.)

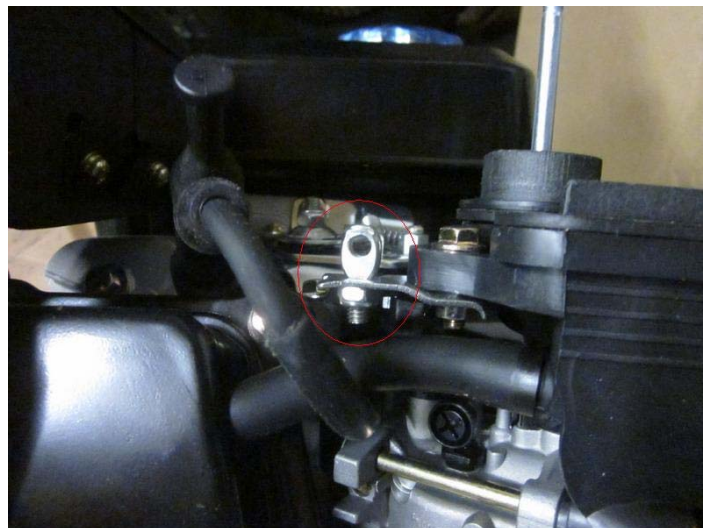


2.5 Throttle Cable Installation:

- Take Air Cleaner Cover, Air Cleaner Element, and Air Cleaner Element Fixed Mount out.



- Take throttle cable bracket out of engine.



- Twist throttle cable screw into the throttle cable bracket. Make throttle cable 'L' part upward and tighten M6 nuts

on the throttle cable screw and bottom of throttle cable bracket.



-Take the M4 bolt out from throttle cable interior wire fixed bracket.



-Put interior wire through holes which is on the fixed bracket, and make sure to leave 10-15mm or 0.4-0.59 inch wire exposed.



-Tighten M4 bolt and put Air Cleaner Cover, Air Cleaner Element, and Air Cleaner Element Fixed Mount back.

2.6 58200-L Transition Shaft Bracket Installation:

- Put Transition Shaft Bracket on the engine, and fix the bracket by 4 M8x16 bolts (22-29N.M or 195-256 in.-lbs.).

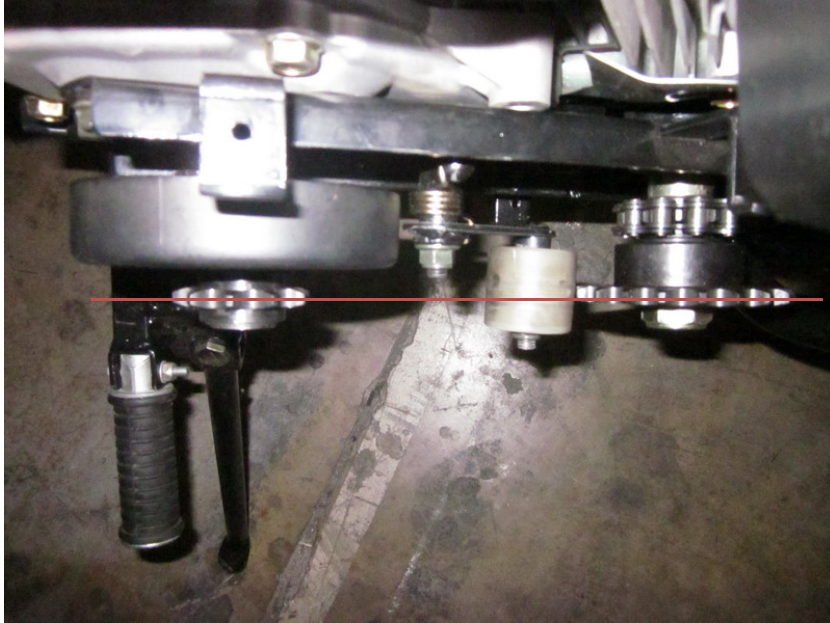


2.7 Clutch Installation:

- Put following parts on the output shaft of engine in order:
10011-80 Clutch Neck Bushing $\Phi 20 \times \Phi 30 \times 1.25$, Clutch Assembly, 58002-50A Clutch Neck Bushing $\Phi 20 \times \Phi 28 \times 3.5$, Washer $\Phi 8$, and then tighten by Bolt M8x16 (22-29N.M or 195-256 in.-lbs.).



-Make the gear on the clutch must be positioned in the same horizontal plane with the Output Gear-20T-420, which is on the Transitional Shaft Bracket.



2.8 Engine Installation:

- Take Right Dummy Plate out.
- Take bolts, nuts and washers out of engine installation site.



- Lay 10011-L Engine Cushion and Connecting Rod Spacer before put engine on its installation site.

- Put the engine on, and then put four bolts through holes upwardly.
- Put $\Phi 8$ Flat Washer and $\Phi 8$ Locking Washer on the bolt, and fix by M8 Locking Nut (Note: do not tighten).
- To ensure holes on the Transition Shaft Bracket and Frame Body are aligned. Fix by Bolt M8x16 and Locking Nut M8 (Note: do not tighten).



- Move engine to the left to make Transition Shaft Bracket and Frame Body closed to each other.
- Tighten four bolts on the bottom of engine, and then tighten the bolt on the bracket (22-29N.M or 195-256 in.-lbs.).

2.9 Handlebar Installation:

- Take two Handlebar Upper Fixed Seats out.
- Put Handlebar on the installation site. Make sure the knurling lay on the Handlebar Lower Fixed Seats.



- Adjust the angle of Handlebar, and tighten bolts (22-29N.M or 195-256 in.-lbs.).

2.10 40510-L Throttle Bracket Component, 40520-L Right Grip and 60120-L Throttle Cable Installation:

- Put Throttle Cable through bottom of Dummy Fuel Tank and the space between Front Fork Welding Component and Right Front Cushion Assembly.
- Take two bolts out from the Throttle Bracket Component. Separate bracket into two parts: cover and base.

- Twist Throttle Cable on the bracket base. Be sure to twist nut to the end of screw thread.



- Install Throttle Cable on the Right Grip, and put Right Grip and bracket base together.



- Put Right Grip and bracket base on Handlebar, and install bracket cover on it. (Note: Verify the location bolt on the

bracket cover should insert into location hole which on the Handlebar)



- Tighten two bolts on the bracket cover. Adjust the nut on the throttle cable to make 3-5mm free travel for Right Grip. Then tighten the nut on the throttle cable.

2.11 420-42 Drive Chain Installation:

- Take master link out of drive chain.
- Install drive chain on the clutch chain wheel and Output Gear-20T-420. Put drive chain on the Tight Wheel (shown in the picture below).

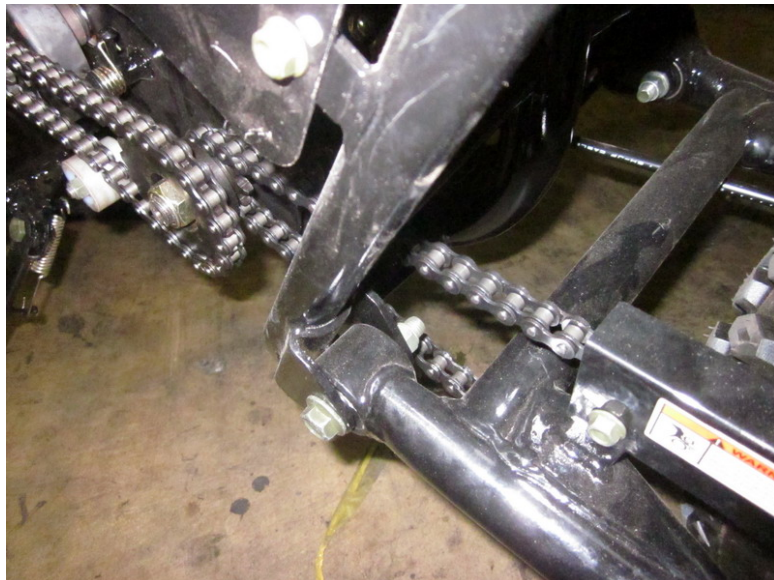


-Put master link back. (Note: opening direction of widely spaced sprockets should be opposite of the moving direction.)

2.12 420-100 Drive Chain Installation:

-Take master link out of drive chain.

-Install drive chain on the Gear-38T-420 and Output Gear-10T-420. (Note: Verify the position is correct like showing in pictures when drive chain go through the Frame Body.)



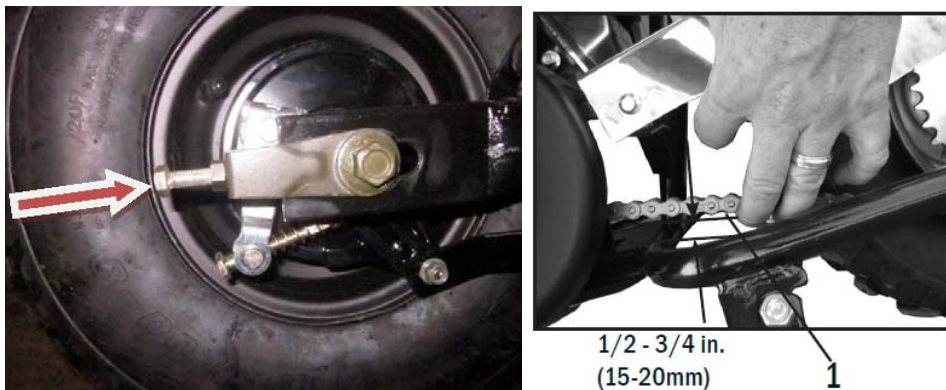
-Put master link back. (Note: open direction of master link should be opposite of the chain moving direction.)

2.13 420-100 Drive Chain Adjustment:

-Loose bolts on 58004-L Rear Brake Connecting Rod.



-Adjust Chain Adjuster Component to verify tension of drive chain is about 15-20mm or 1/2-3/4in. fluctuation.



-Be sure that rear wheel is upright with Frame Body, and then tighten wheel bolts (56-62N.M or 496-548in.-lbs.).

-Tighten bolts on Chain Adjuster Component and 58004-L Rear Brake Connecting Rod (37-44N.M or 328-389in.-lbs. for front bolt and 22-29N.M or 195-256in.-lbs.for rear bolt).

2.14 Rear Brake Adjustment:

-Adjust the nut on the brake cable. Verify the spring, which inserts the brake cable, has 2-5mm free travel.

-Make sure the rear wheel has flexible rotation.

-Make sure to reach maximum brake efficiency when using Brake Lever within $\frac{3}{4}$ grabbing process.



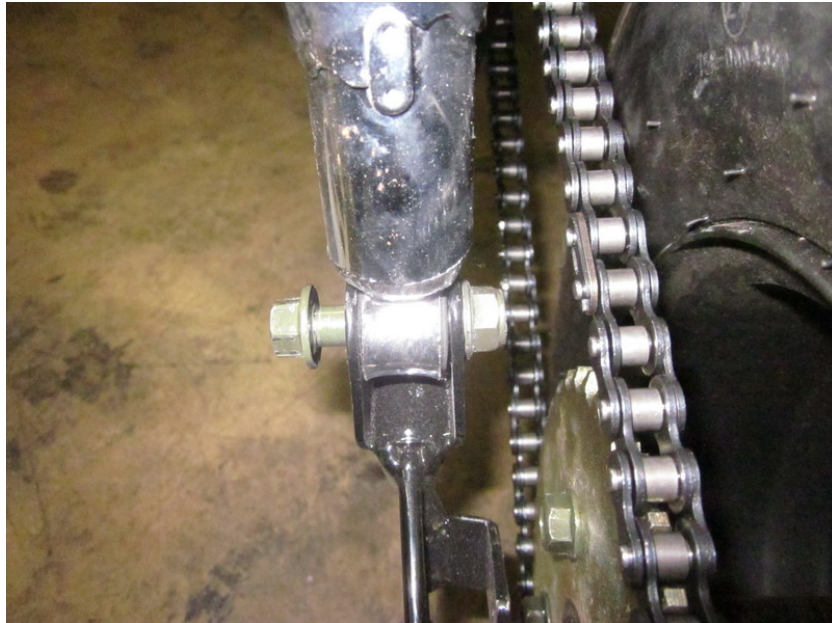
2.15 Engine Wires Connection:

- Connect engine wires plug-in units with cable.
- Cover plug-in units by black case.
- Fix cable and wires by cable ties.



2.16 Chain Cover Installation:

- Loose the bolt on the bottom of left rear cushion.



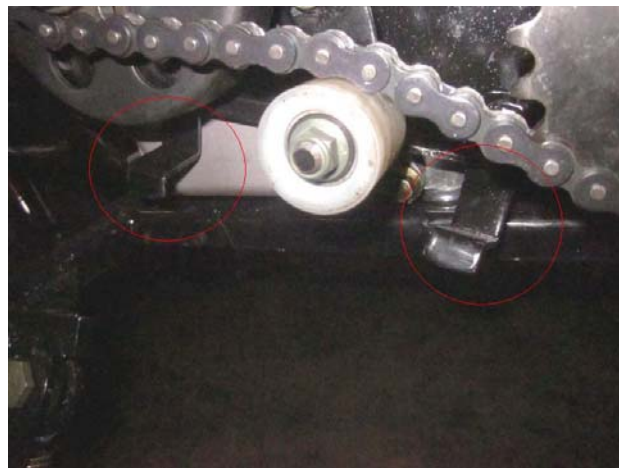
-Put Chain Cover on its installation site. Then tighten it by two M6x12 bolts.



-Tighten the bolt on the cushion (37-44 N.M or 328-389 in.-lbs.).

2.17 Clutch Cover Installation:

-Install Clutch Cover on the Transition Shaft Bracket.



CONGRATULATIONS!!!

**YOU JUST FINISHED YOUR
INSTALLATION!!!**

HAVE FUN AND ENJOY IT!!!

This mini bike is designed and operated only for Off-road, please follow every safety instruction of general motorcycle operation before driving.

