



Lime

Generation 3.0

Front Wheel Replacement

3/1/2019

Central Repair-Lime Technical Institute





List

1. T-handle Wrench - Torx T25
2. Torque Wrench
3. Spiral Socket Tool
4. 8mm & 14mm Wrench

Tools

1



Torx Wrench



T25

2



*Torque Wrench**

3



Spiral Socket tool

4



8mm & 14mm
wrench

3.0 Front Wheel Disassembly SOP

Technical Guideline

[Video Link](#)

0.5 min



STEP 1

Loosen the brake cable assembly with 8mm and 14mm open-end wrenches.



STEP 2

Remove the nuts.

Tools

8mm & 14mm wrench

Part

(none)

CAUTION

(none)

0.5 min



STEP 3

Remove the spring from the brake cable.



STEP 4

Pull the brake cable from the brake cable stop.

Tools
(none)

Part
(none)

CAUTION
(none)

1min



STEP 5

Remove the brake cable stop sleeve.



STEP 6

Use spiral socket to remove the spiral nuts on the left and right sides.

Tools

Spiral socket
Torque wrench

Part

(none)

CAUTION

(none)

0.5 min



STEP 7

Keep the limit washer, spring washer, and spiral nut together.



STEP 8

Remove the front wheel.

Tools
(none)

Part
(none)

CAUTION
(none)

0.5 min



Tools
(none)

Part
(none)

CAUTION
(none)

STEP 9

Remove the brake drum.

3.0 Front Wheel Assembly SOP

Technical Guideline

[Video Link](#)

0.5 min



Tools
(none)

Part
Front wheel
Drum brake

CAUTION
(none)

STEP 1

Place the drum brake on the new front wheel.

0.5 min



STEP 2

Place the front wheel on the front fork.



STEP 3

Gather the limit washer, spring washer, spiral nut.

Tools
(none)

Part

limit washer
spring washer
spiral nut

CAUTION

Make sure the drum
brake is on the same
side as the brake
cable.

1min



STEP 4

Install the limit washer, spring washer, and spiral nut on the left and right sides of the wheel.



STEP 5

Use spiral socket tool to tighten the spiral nuts on the left and right side.

Tools

Spiral socket
Torque wrench

Part

limit washer
spring washer
spiral nut

CAUTION

(none)

1min



STEP 6

Install the brake cable stop sleeve on to the brake wire.



STEP 7

Insert the brake cable into the brake cable stop.

Tools
(none)

Part
brake cable stop sleeve

CAUTION
(none)

0.5 min



STEP 8

Slide the spring on to the brake cable.



STEP 9

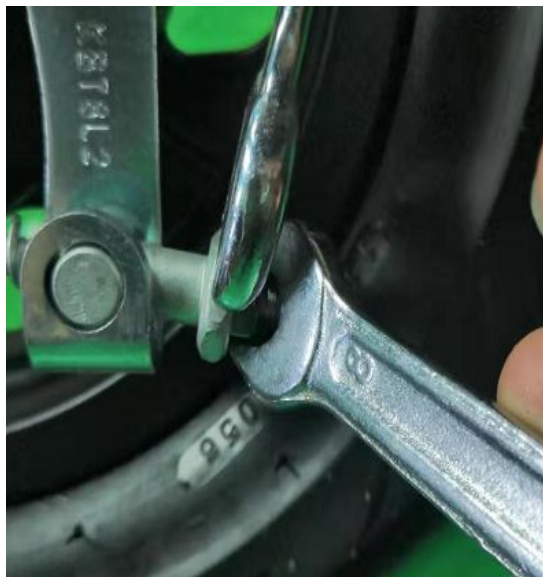
Put the brake cable into the brake arm.

Tools
(none)

Part
Spring

CAUTION
(none)

0.5 min



STEP 10

Tighten the 14mm and 8mm nut on the brake assembly.

Tools

8mm & 14mm wrench

Part

8mm & 14mm nuts

CAUTION

(none)

Remember to quality check & test ride.

Wrench On!