



**CLARKS**  
EXCEED YOUR LIMITATIONS



**E-SCOOTER**  
BRAKE CATALOGUE  
2023/24

[clarks.bike](https://clarks.bike)

**CLARKS**



# E-SCOOTER BRAKES

E-scooters are becoming an increasingly popular mode of transportation in urban areas. Many people are choosing to ride e-scooters to get around cities and towns. Safety is a top priority, and E-scooter brakes play a crucial role in ensuring riders stay safe. Clarks range of disc brake callipers, levers and hydraulic brakes are designed to be efficient and reliable across all popular models of E-scooters.



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**PRODUCT HELPLINE**  
**info@clarks.bike**


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## E-SCOOTER RECOMMENDED TORQUE SETTINGS

Below are recommended torque settings for our E-Scooter, mechanical and hydraulic brake systems and components. For more information and 'How to Video's' please visit [www.clarks.bike](http://www.clarks.bike)

Fitting Position	Fitting Size	Torque Setting
Rotor bolt	Torx T25	6.2 NM
Calliper to bracket bolt	M6 bolt	11-13 NM
Lever bracket bolt	M6 bolt	6-8 NM
Bracket to frame bolt	M6 bolt	11-13 NM
Lever hose compression nut	8mm	9 NM



CLARKS

## DISC BRAKE CALLIPERS ■ MECHANICAL

All Clarks e-scooter mechanical disc brake callipers are approved to ISO4210

### CMDS-11-A

The CMDS-11-A is a lightweight mechanical brake that is suitable for use with XIAOMI electric scooters. Left hand side mounting with integrated steel cable adjuster. The pre-installed sintered disc pads are held in place by magnetic pistons.

- 51mm
- Left side mounting
- Steel cable adjuster
- Post Mount fitting

#### Box Contents:

Rear Calliper - 1 x Calliper, 1 x pair of pads (fitted)

#### Replacement Pads:

Sintered - VRX848

#### Product Specification:

Part Numbers:	Description:
CMDS-11-A	Left side mounting
Scooter Brand Compatibility:	
NINEBOT / XIAOMI	
Barcode:	
5021646048466	



### CMDS-11-B

The CMDS-11-B is a lightweight mechanical brake that is suitable for use with XIAOMI electric scooters. Right hand side mounting with integrated steel cable adjuster. The pre-installed sintered disc pads are held in place by magnetic pistons.

- 51mm
- Right side mounting
- Steel cable adjuster
- Post Mount fitting

#### Box Contents:

Rear Calliper - 1 x Calliper, 1 x pair of pads (fitted)

#### Replacement Pads:

Sintered - VRX848

#### Product Specification:

Part Numbers:	Description:
CMDS-11-B	Right side mounting
Scooter Brand Compatibility:	
NINEBOT / XIAOMI	
Barcode:	
5021646048473	





## DISC BRAKE CALLIPERS ■ MECHANICAL

All Clarks e-scooter mechanical disc brake callipers are approved to ISO4210

### BB15

The BB15 is a lightweight mechanical brake that is suitable for use with TAOTAO electric scooters. Left hand side mounting, the pre-installed sintered disc pads are held in place by magnetic pistons.

- 71mm
- Left side mounting
- Post Mount fitting

#### Box Contents:

Rear Calliper - 1 x Calliper, 1 x pair of pads (fitted)

#### Replacement Pads:

Sintered - VRX848

#### Product Specification:

Part Numbers:	Description:
BB15	Left side mounting
Scooter Brand Compatibility:	
TAOTAO / NORMAL	
Barcode:	
5021646048558	



### RSX-1

The RSX-1 is a lightweight mechanical brake that is suitable for use with LEQJ electric scooters. Right hand side mounting with integrated steel cable adjuster and anti-damage fitment, protecting the calliper if the scooter is dropped. The pre-installed sintered disc pads are held in place by magnetic pistons.

- 71mm
- Left side mounting
- Anti-damage fitment
- Steel cable adjuster
- Post Mount fitting

#### Box Contents:

Rear Calliper - 1 x Calliper, 1 x pair of pads (fitted)

#### Replacement Pads:

Sintered - VRX848

#### Product Specification:

Part Numbers:	Description:
RSX-1	Left side mounting
Scooter Brand Compatibility:	
LEQJ / NORMAL	
Barcode:	
5021646048541	



## BRAKE LEVERS ■ MECHANICAL

### CS-LL-ASS-01

The CS-LL-ASS-01 is a lightweight all alloy 3 finger lever. Left hand side mounting, with integrated 3 pin electric cut-out cable.

- Alloy 3 finger lever
- Left side mounting
- 3 Pin electric cut-out

#### Product Specification:

Part Numbers:	Description:
CS-LL-ASS-01	Left side lever
Scooter Brand Compatibility:	
NINEBOT / XIAOMI / TAOTAO	
Barcode:	
5021646048503	



### CS-LL-ASS-018

The CS-LL-ASS-018 is a lightweight all alloy 3 finger lever. Left hand side mounting, with integrated 3 pin electric cut-out cable and thumb trigger operated bell.

- Alloy 3 finger lever
- Left side mounting
- 3 Pin electric cut-out
- Integrated thumb trigger bell

#### Product Specification:

Part Numbers:	Description:
CS-LL-ASS-018	Left side lever
Scooter Brand Compatibility:	
NINEBOT / XIAOMI / TAOTAO	
Barcode:	
5021646048510	



## BRAKE LEVERS ■ MECHANICAL

## CS-LL-ASS-04L

The CS-LL-ASS-04L is a lightweight all alloy 3 finger lever with ergonomic rubber grip inserted into the blade. Left hand side mounting, with integrated 3 pin electric cut-out cable and finger trigger operated bell.

- Alloy 3 finger lever
- Lever blade ergonomic rubber grip
- Left side mounting
- 3 Pin electric cut-out
- Integrated finger trigger bell

### Product Specification:

Part Numbers:	Description:
CS-LL-ASS-04L	Left side lever
Scooter Brand Compatibility:	
LEQJ / NORMAL	
Barcode:	
5021646048534	



## CS-RL-ASS-04R

The CS-RL-ASS-04R is a lightweight all alloy 3 finger lever with ergonomic rubber grip inserted into the blade. Right hand side mounting, with integrated 3 pin electric cut-out cable.

- Alloy 3 finger lever
- Lever blade ergonomic rubber grip
- Right side mounting
- 3 Pin electric cut-out

### Product Specification:

Part Numbers:	Description:
CS-LL-ASS-04R	Right side lever
Scooter Brand Compatibility:	
LEQJ / NORMAL	
Barcode:	
5021646048527	



## ROTORS

### CL-036-120-SILVER

The CL-036-120-SILVER is a 120mm diameter stainless steel rotor, with 5 bolt fixing.

- 120mm Diameter
- 1.8mm Gauge stainless steel
- 5 Bolt fixing

#### Product Specification:

Part Numbers:	Description:
CL-036-120-SILVER	120mm - 5 Bolt fixing
Scooter Brand Compatibility:	
NINEBOT / TAOTAO / LEQJ / XIAOMI	
Barcode:	
5021646048497	



### CL-038-110-SILVER

The CL-038-110-SILVER is a 110mm diameter stainless steel rotor, with 5 bolt fixing.

- 110mm Diameter
- 1.8mm Gauge stainless steel
- 5 Bolt fixing

#### Product Specification:

Part Numbers:	Description:
CL-036-110-SILVER	110mm - 5 Bolt fixing
Scooter Brand Compatibility:	
NINEBOT / TAOTAO / LEQJ / XIAOMI	
Barcode:	
5021646048480	





## CL-037-120-SILVER

The CL-037-120-SILVER is a 120mm diameter stainless steel rotor with 6 bolt fixing.

- 120mm Diameter
- 1.8mm Gauge stainless steel
- 6 Bolt fixing

### Product Specification:

Part Numbers:	Description:
BL-037	120mm - 6 Bolt fixing
Scooter Brand Compatibility:	
NINEBOT / TAOTAO / LEQ	
Barcode:	
5021646048572	



## CL-039-110-SILVER

The CL-039-110-SILVER is a 110mm diameter stainless steel rotor, with 6 bolt fixing.

- 110mm Diameter
- 1.8mm Gauge stainless steel
- 6 Bolt fixing

### Product Specification:

Part Numbers:	Description:
CL-039-110-SILVER	110mm - 6 Bolt fixing
Scooter Brand Compatibility:	
NINEBOT / TAOTAO / LEQ	
Barcode:	
5021646048565	



## DISC BRAKE SETS ■ HYDRAULIC

All Clarks mechanical scooter disc brake callipers are approved to EN 15194

### CS-HD-08

Dual Pistons - Open Hydraulic System brake for FREEMAN electric scooters, consists of a 2 piece forged calliper, the brake is specifically designed for use with electric scooters and have an automatic motor shut off Sensor Control waterproof contact, 3 fingers lever length.

- Designed for use with FREEMAN scooters
- Lightweight 2 piston hydraulic brake system
- Motor shut off sensor to give greater control
- Fitted with motor cut-off. Juliet Male 8 (2 pin) connector
- 3/4 Finger lever with lever reach adjustment
- International standard and Post mount fit
- Mineral oil fluid to protect the environment
- 160mm 6 Bolt stainless steel rotors
- Spare olives to allow for hose reduction
- Weight - 280g

Complies with and exceeds EN15194 regulations

#### Box Contents:

**Front** - 1x Calliper, 1 x lever,  
1 x 160mm rotor & bolts, pads & hose.

**Rear** - 1x Calliper, 1 x lever,  
1 x 160mm rotor & bolts, pads & hose..

#### Replacement Part Numbers:

Rotor - TL-027

Pads - VX811, VRX811, EVRS811

#### Product Specification:

Part Numbers:	Description:
CS-HD-08A	Left side fitting callipers

Scooter Brand Compatibility:

FREEMAN / NORMAL

Barcode:

5021646048589

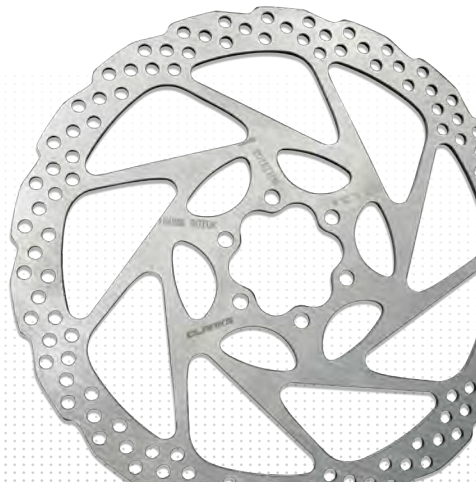
Part Numbers:	Description:
CS-HD-08B	Right side fitting callipers

Scooter Brand Compatibility:

FREEMAN / NORMAL

Barcode:

5021646048596



## GRIPS

Our range of E-scooter grips will provide long lasting use through all weather conditions.

**C-132**

168mm Long rubber scooter grips, with rubber end plugs.

- 168mm Length
- Includes plugs

**Product Specification:**

Part Numbers:	Colour:	Barcode:
C-132-BLACK	Black	5021646044031
C-132-BLUE	Blue	5021646044024
C-132-BLACK-GREY	Black/Grey	5021646044673

**C-121**

123mm Long rubber scooter grips, with closed ends

- 123mm Length
- Closed end Thermo-plastic resin grip

**Product Specification:**

Part Numbers:	Colour:	Barcode:
C-121-BLACK	Black	5021646044680

## DISC PADS

**VX/VRX/VRS811**

Compatibility -

CS-HD-08A, CS-HD-08B

Scooter Brand Compatibility -  
FREEMAN / NORMAL

Part Numbers:	Description:	Barcode:
VX811	Organic	5021646008521
VRX811	Sintered	5021646008859
VRS811	Competition	5021646013587

**VRX848**

Compatibility -

CMDS-11-A, CMDS-11-B, BB15, RSX-1

Scooter Brand Compatibility -  
NINEBOT / XIAOMI, TAOTAO / NORMAL,  
LEQJ / NORMAL

Part Numbers:	Description:	Barcode:
VRX848	Sintered	5021646049029



### UK Head Office & Distribution Centre

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