

BENGAL Warranty Service Center And Distributor Information

Brazil Distributor
J.T.COM IMP E EXP LTDA
TEL/FAX:+55-11-5678-2694
Website: www.joytech.com.br

China General Distributor
(China Warranty Service Center)
LEADING COMPONENTS (S.Z.) CO., LTD.
(A plant) 5F, No.14 ZhengxingRoad,
Liyuhe IndustrialDistrict,LouVillage,
Gongming Town,Shenzhen,518106
TEL: 0755-23194955/6 FAX:0755-23194953
Contact: robert6402@kimo.com

Malaysia Distributor
Evanda Sdn Bhd (812810-X)
Lot 153 (No 1) , Jalan TIAJ 2/1 ,Taman Industri
Alam Jaya ,42300 Bandar Puncak Alam ,
Selangor , Malaysia
TEL:+6 03 60388929 / 6038 8928
Contact: evanda_rmb@yahoo.com

Singapore Distributor
(Singapore Warranty Service Center)
D-CYCLEWERKZ
2 YISHUN INDUSTRIAL STREET 1, #01-15 NORTHPOINT
BIZHUB,SINGAPORE 768159
TEL:+65 67523457
Contact: dcyclewerkz8@gmail.com

Spain & Andorra Distributor
RACING CYCLE
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal
Tel:+351 244 027 587 / +351 244 043 616
Contact: info@racingcycle.net

Switzerland Distributor
(European Warranty Service Center)
3LMNT Distribution Inc., Corp.
Römerstrasse 15a, CH-2555 Brügg , Switzerland
TEL: +41-78-666-42-17 FAX:+41-78-666-42-17
Contact: info@3lmt.com

Taiwan Distributor
HARVEST YEAR TECHNOLOGY COMPANY
No.70-3, Zhanglu rd., Xiushui Township,
Changhua County 504, Taiwan
TEL: +886-4-7691929 FAX: +886-4-7691858
Contact: hy.bike88@msa.hinet.net

USA & Canada Warranty Service Center
KHS, Inc
2840 Harcourt St.Rancho Dominguez, Ca. 90221 USA
TEL: 1-800-347-7854*212
Contact: rogerj@khsbicycles.com

Portugal Distributor
RACING CYCLE
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal
Tel:+351 244 027 587 / +351 244 043 616
Contact: info@racingcycle.net

The latest distributor information will be updated , please refer to our website

Bengal Performance Brake Systems
sales@bengalperformance.com.tw
www.bengalperformance.com.tw

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 **BENGAL**
DISC BRAKE

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Hydraulic Disc Brake

SHIMANO
Shifter mount clamp



SRAM
Shifter mount clamp



Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Master cylinder with reach adjustment

"EZ-adjust" hose connector, adjustable up to 180 degrees

Window for driver easily inspect if pads have worn, clean and mud out

2-Piece bracket for easy assembly

Perfect for XC, TRAIL, AM, FR, DH

ARES 5

Weight

Master cylinder : 90g

Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C / OD-203C

Lever

1.5 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

EZ PLUG IN (Optional)

Setp.1

Setp.2

Setp.3

Setp.4



Through the frame

Remove the insert

Unscrew the bolt

Fasten the hose kit

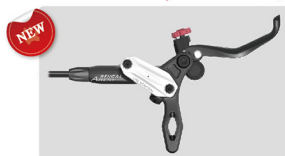
PATENT NO : 104215723 / 201520796991.9



Two-piece



Tool free reach adjustment(Optional)



"EZ-adjust" hose connector
Adjustable up to 180 degrees



Technical features

Open hydraulic disc brake system

Aluminum forged master cylinder and caliper

Master cylinder with reach adjustment

Patented "EZ-out" brake pad replacement

Window for driver easily inspect if pads have worn, clean and mud out

Perfect for XC, TRAIL, AM

ARES 3

Weight

Master cylinder : 102g

Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C / OD-203C

Lever

2 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound

EZ PLUG IN (Optional)



Signal connection switch (Optional) Perfect for E-bike



Optional connector types



Hydraulic Disc Brake

Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Master cylinder with reach adjustment
Patented "EZ-out" brake pad replacement
Window for driver easily inspect if pads have worn, clean and mud out
Perfect for XC, TRAIL, AM

ARES 1

Weight

Master cylinder : 68g
Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)
Optional OD-180C/ OD-203C

Lever

2 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound



Technical features

Open hydraulic disc brake system
Aluminum forged master cylinder and caliper
Master cylinder with reach adjustment
Patented "EZ-out" brake pad replacement
Window for driver easily inspect if pads have worn, clean and mud out
Perfect for XC, TRAIL, AM

ARES

Weight

Master cylinder : 105g
Caliper : 120g

Rotor

OD-160C (6-bolt or center lock)
Optional OD-180C/ OD-203C

Lever

2.5 finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound



Hydraulic Disc Brake



Technical features

- Open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Master cylinder with reach adjustment
- Patented "EZ-out" brake pad replacement
- Window for driver easily inspect if pads have worn, clean and mud out
- Perfect for XC, TRAIL, AM

HELIX 7

Weight

- Master cylinder : 88g
- Caliper : 120g

Rotor

- OD-160C (6-bolt or center lock)
- Optional OD-180C / OD-203C

Lever

- 2 finger blade

Finish

- Black

Fluid

- Dot 4

Pad

- Semi-metallic compound



Technical features

- Open hydraulic disc brake system
- Aluminum forged master cylinder and caliper
- Patented "EZ-out" brake pad replacement
- Window for driver easily inspect if pads have worn, clean and mud out
- One master cylinder with dual caliper
- Lever can be assembled with stop devices (stop pin, or cut-off sensor, or both)
- Perfect for TRICYCLE, PEDICAB, E-BIKE, SPECIAL TYPE

HELIX 7.5

Weight

- Master cylinder : 100g
- Caliper : 120g

Rotor

- OD-160C
- Optional OD-180C / OD-203C

Lever

- 4 finger blade

Finish

- Black

Fluid

- Dot 4

Pad

- Semi-metallic compound



Mechanical Disc Brake

Single piston activation for peak stopping power "PSP"
Non-binding groove profile cable routing that keeps the cable in direct pull between the anchor bolt and the cable housing
Window for driver easily inspect if pads have worn, clean and mud out

MB 700

Technical features

Compact, light weight, 1-piece aluminum forged caliper design
Perfect for : MTB, URBAN

Weight : 166g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 700T

Technical features

Compact, light weight, 1-piece aluminum forged caliper design
Perfect for : Road bike, Touring bike, Cyclocross bike
and STI lever bike

Weight : 166g
Finish : Black
Rotor : OD-140L (6-bolt or center lock)
Optional OD-160L / OD-180L / OD-203L
Pad : Semi-metallic compound



MB 600

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN

Weight : 210g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 500



MB 600 T

Technical features

2-piece uniform casting process design
Perfect for : Road bike, Touring bike, Cyclocross bike
and STI lever bike

Weight : 210g
Finish : Black
Rotor : OD-140L (6-bolt or center lock)
Optional OD-160L / OD-180L / OD-203L
Pad : Semi-metallic compound



MB 300

NEW

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN

Weight : 160g
Finish : Black
Rotor : OD-160C (6-bolt or center lock)
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 845A

Technical features

2-piece uniform casting process design
Perfect for : MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight : 218g
Finish : Black
Rotor : OD-160C
Optional OD-180C / OD-203C
Pad : Semi-metallic compound



MB 845B

Special design for
the right side mount



ROTORS

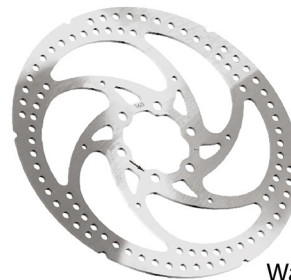
	Wave 6 (C)	8	12 (L)	6(CC)	12 (LC)
Rotor OD	Size	Weight	Weight	Weight	Weight
120mm	4"	90g	-	66g	120g
140mm	5"	102g	-	86g	132g
160mm	6"	136g	130g	104g	166g
180mm	7"	173g	150g	134g	203g
203mm	8"	225g	184g	172g	255g



Wave 6 (CC)



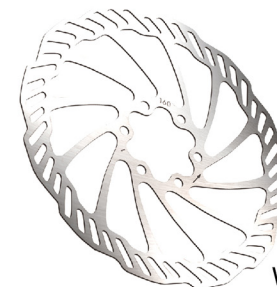
Wave 12 (LC)



Wave 6 (C)



Wave 8



Wave 12 (L)

ADAPTORS



All series Bengal disc brake

rotor OD	IS mount		post mount		downhill (IS)	mirror
	front	rear	front	rear	20mm axle hub	IS mount
140mm	U0	U1	none	none	front	none
160mm	U1	U2	DM	DM	none	U1B
180mm	U3	U4	U3M	U3M	U3D	U3B
203mm	U5	U6	U5M	U5M	U5D	U5B

DM=Direct Mount

U5RB / Rockshox Boxxer IS mount

Automatic oil injection

Technical features

- Easy and convenient operation and light design (electricity and air compression)
- Automatically drain the old brake oil and inject new brake oil to avoid the unskilled bleeding technique by people which may cause insufficient oil and lead to defective brake performance.
- Oil changing within 3 to 5 minutes for one wheel
- Compatible with 90% bicycle brake systems
- Suggest changing oil once a year.
- Application programs can be updated.

Weight : 17kg

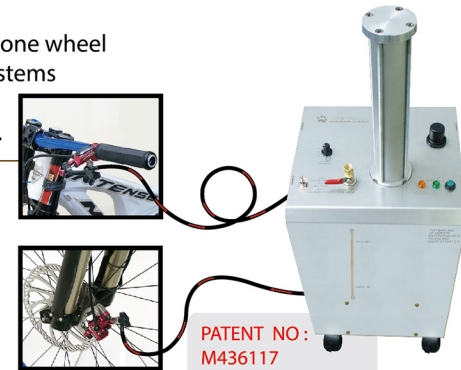
Pressure source : 5~8Kg/cm²

Size(cm) : 34 * 30 * 86

Voltage : 100V-240V~AC50Hz-60Hz

B030M (Mineral)

Range : BENGAL/MAGURA/SHIMANO
TEKTRO



PATENT NO :
M436117
US 9,120,475
ZL201220164186.0
Nr.202012102412.8

Automatic oil injection for hydraulic disc brakes

Changing oil easily Riding bicycles safely