

JOAMON's Brozz 250 Dual-Sport to Adventure Bike Project

(Mssg. me @ <http://www.chinariders.net/member.php?u=37858>)

*I'm always updating this document, but if you have any questions about any mods I've done,
or if there are any broken links, plz PM me on China Riders.*

*The mods listed in **ORANGE** are new, & those listed in **GREEN** are valuable addons / considerations*



Note that is an old picture, & I've likely changed my setup (as seen in my mod list below)...

CLICK [HERE](#) for a BROZZ ASSEMBLY & MAINTENANCE GUIDE

NEW MODS

- **Short Levers** (clutch & brake)

03-2021

\$36

BROZZ 250 DUAL-SPORT to ADVENTURE BIKE PROJECT MODS

- [JFG Carb](#) w/ 115 Main Jet (MJ) & 34 Pilot Jet (PJ) ~ with no performance mods * \$30
I use this carb b/c it is a true 30mm, & b/c of it's choke lever (I have it connected to a choke lever on my left control switch)
* After I wrapped & upgraded my exhaust, this had to increase to a 135 MJ & 40 PJ
- [Carb Jet Kit](#) (#100-140 MJ & K32-55 PJ) \$10
- [Nibbi Air Filter / Pod](#) (had to shave a bit off of the front of the tube to fit on the carb) \$15
- [MadDog Seat Protector](#) \$20
- **OR** ----- **OR**
- [AirHawk Clone Seat Protector](#) (softer on the tailbone) \$36
- [Universal Windscreen](#) \$28
(attached where the headlamp assem. bolts to the forks; a 10mm bolt)
- [12.8k Lumen LED Fog Lights](#) (mounted over windscreen bracket; see above) \$20
(I cut the hazard light switch wires --two green wires-- so that I could repurpose the hazard switch into a switch for my fog lights). I'll be changing out the hand controls & doing a more detailed rewire later (I'll update this when it happens).
- [H4 LED Headlight](#) (had to modify the headlight assem. to get it to fit) \$18
- [Sylvania 168 LED Bulb](#) (replaces the running light; bulb direction DOES matter w/ this**) \$15
** what this means is that the bulb will only work when plugged in a certain direction
- [Sylvania 1157 LED Bulb](#) (replaces the tail light) \$20
- [LED Underglow Kit](#) \$35
- [JFG Handguards](#) \$22
- [Universal Tank Bag](#) \$28
- [48L Tail Trunk](#) \$75
(I both modded this for highway speeds & LED brake lights inside of the trim inserts)
- **OR** ----- **OR**
- [Tail Seat Bag](#) (w/ reinforcement strap below) \$35
- [1"\(W\) Lashing Straps](#) \$10
- [20" Waterproof Duffel Bag](#) (stuffed with a pillow & spare clothes ~ for a back rest) \$15
- [Coleman Saddlebags](#) (not installed at time of pics) \$65
- **OR** ----- **OR**
- [MiHunter Saddlebags](#) \$50
- [Backpack w/ 3L Insulated Hydration Bladder](#) (for long rides, snacks, easy drinking, etc.) \$35
- [Roam Phone Holder](#) (mounted to accessory bar) \$20
- [Voltmeter + USB Charger](#) (mounted to accessory bar) \$18
- [TrailTech Engine Temp Gauge](#) (**amazing** mod for monitoring your temps) \$50
- [Cup Holder](#) (mounted to accessory bar) \$25
- [Wide Mirrors](#) (helps big / wide riders, like me; or those who want a better view) \$15
- [Throttle Assist](#) (I keep this in my tank bag for long rides) \$5

- [Exhaust Wrap](#) (this REALLY helps reduce the rear bag wear & exhaust-heat) \$14
- [JFG Slip-On Exhaust](#) (remove the DB Killer for deeper sound & more “pep”) \$36
- **Replacement Hardware for ALL Bolts** (Grade 8 & 8.8) \$30
(got it all at Tractor Supply ~ I’ll get bolt sizes soon)
- [High-Reflection \(road paint qual.\) Waterproof Tape](#) (for my trim graphics) \$24
- [Disc Lock](#) (I use mine on the back wheel, as the front can be taken off too easily) \$25
**I use this in place of the hard-wired alarm b/c I kept hitting the d*mn key-fob when the keys were in my pocket, causing the d*mn alarm to go off constantly. Also, since upgrading the air pod, I’ve since cut out the OEM air filter area for an under-seat-storage area.

ADJUSTABLE ACCESSORY BAR

- [Chenjieus Adjustable Accessory & Balance Bar](#) \$20
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RIDING GEAR (CLOTHING)

- [ILM Helmet](#) \$60
 - [ILM Gloves](#) \$30
 - [HWK CE-Armored, Waterproof Jacket](#) \$60
 - [HWK CE-Armored, Waterproof Pants](#) \$60
 - [Motocross Armor](#) (for summer riding) \$60
 - [Armored Shin / Knee Guards](#) (for summer or O.R. riding) \$20
 - [Military Boots](#) (leather / canvas combo) \$32
 - [Helmet Bluetooth](#) \$45
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BIKE MAINTENANCE (Play with a [GEARING CALCULATOR HERE](#))

- [8-17mm Flex-Wrench Set](#) (I keep an 8 & 10mm with me, as they’re used a lot) \$25
- [Hex / Torx Key Set](#) (I keep the hex keys with me, as they’re used a lot) \$15
- [Socket-Wrench Set](#) (¼ & ⅜ drive) ~ I only carry the sockets I need (for roadside fixes) \$22
- [Magnetic Parts Tray](#) (*incredibly valuable*) \$6
- [Red Threadlocker](#) (for all frame, suspension, brake, hand control, etc. bolts) \$6 (get 2+)
- [Motorcycle Jack](#) (it is one of the only Harbor Freight items I LOVE ~ good qual., so far) \$100
- [Motorcycle Swingarm Stand](#) (GREAT item for chain cleaning, sprocket swapping, etc.) \$40
- [Valvoline 20w50](#) (break-in oil ~ colder areas may need 15w40 or 10w40) \$5 / qt.
- (whatever oil is used, make sure it is **JASO certified**)
- [Lucas Synthetic 20w50](#) (oil used after break-in; **JASO cert.**) \$7 / qt.
- [Lucas Oil Stabilizer](#) (REALLY quietens engine & smooths shifting ~ I use 6oz per oil change) \$12

- **Enzyme Treatment** \$15
(if a non-ethanol gas station isn't handy, or if you don't ever want to worry about it, lol)
- [NGK Iridium Spark Plug](#) \$10
- [7B-BS 12V / 6.5AH AGM Battery](#) \$28
(this is the closest match I could find to the goofy-sized OEM battery)
With a little patience & creativity, the battery above WILL fit into the OEM bracket, but you'll need longer bolts (I found the bolts I needed @ Tractor Supply).
(I DID find an AGM w/ the dimensions of the OEM battery through one company, but I can only find it [HERE](#))
- [Chain Breaker](#) (you'll need this if you adjust your sprocket sizes) \$20
- [Niche 128-link 428 O-Ring Chain](#) \$35
(you may need to cut out 2 more links, if you want a shorter chain / more "stretch" room)
- **Snap Ring Pliers** (you'll need this to change out the rear sprocket) \$12
OR ----- **OR**
- [Harbor Freight Snap Ring Pliers](#) (these are larger, for more leverage) \$15
- [JT 40t Rear Sprocket](#) (see how this affects the RPM of each gear [HERE](#)) \$30
(also... disregard the picture, as it isn't what you get; you get a 4-bolt pattern sprocket)
- [JT 17t Front Sprocket](#) \$9
- [Chain Saver](#) (chain lube) \$10
- [Chain Cleaner Oil](#) (freakin' love this stuff) \$5
- [Chain Cleaning Brush](#) \$8
- [24mm Deep Impact Socket](#) (for removing oil screen) \$8
- [26-Blade Feeler Gauge](#) (inc. the VERY thin .002 that the Brozz valves need) \$7
- [Torque Wrench](#) \$25
- [15W Fork Oil](#) (for ADV riding ~ or [10W](#) for OEM weight) \$15
- [20W Fork Oil](#) (for road riding ~ this is what I use) \$15
- [Mobil 1 Grease](#) (for axles & other moving parts) \$10
- [Kenda K761](#) (80% road / 20% dirt) 100/90-19 front tire \$75
- [Kenda K761](#) (80% road / 20% dirt) 120/90-17 rear tire \$70
(NOTE that the wrong tire is pictured ~ the tire pictured is a K671)
- [Shinko 705](#) (70% road / 30% dirt) 110/80-19 front tire \$68
- [Shinko 705](#) (70% road / 30% dirt) 120/90-17 rear tire \$75
- [Heavy Duty Front Tire Tube](#) (100 / 90-19) \$18
- [Super Heavy Duty Rear Tire Tube](#) (110 / 90-17) \$35
- [Rim Hook](#) (for changing your own tires) \$10
- [Dr. Roc Spoon Set](#) (for changing your own tires; includes valve core remover) \$25
- [Gold Bond Powder](#) (to dust inside of tire when changing tubes) \$8