



## BRC550 / BRF350

Brake Lever Install / Fitment Guide v.240620



This part is designed to fit the stock brake master cylinder on the following motorcycles. Please confirm before attempting installation.

APRILIA	YEAR
RS660	21-24
RSV Mille	04-09
RSV4 (all models except FW)	09-24
Tuono 660	21-24
Tuono V4	17-24

DUCATI	YEAR
1098 / S / R / Bayliss	07-09
1198 / S / R	09-12
1199 / S / R / Panigale	09-14
1299 / S / R / Panigale	15-18
749 S / R	03-06
848 / Panigale	08-12
899 / Panigale	13-15
959 / Panigale	16-19
999 / S / R	03-06
Diavel / Xdiavel / S / Strada / V4	11-24
Hypermotard 1100 / S / EVO / SP	08-12
Hypermotard 821SP / 939SP	13-18
Hypermotard 950 / SP	19-24
Hypermotard 698 Mono	2024
Monster / Monster Plus	21-24
Monster 1100 / S / EVO	09-13
Monster 1200 / S / EVO	14-24
Monster S4R / S4RS	06-08
Multistrada 1200 / S / Tour / GT	10-17
Multistrada 1260 / Enduro / S / GT	18-21
Multistrada V4	21-24
Panigale V2 / V4 / S / R	19-24
Street Fighter / S / 848	09-15
Streetfighter V2	22-24
Streetfighter V4	20-24
Supersport / S	17-24

HONDA	YEAR
CBR 1000RR-R Fireblade SP	21-24

HUSQVARNA	YEAR
FS 450	17-24
Nuda 900 / R	11-13
Vitpilen 701	18-20

KAWASAKI	YEAR
Ninja H2 / H2R	15-24
Ninja ZX-10R	16-24
Ninja ZX-14R	18-24
Ninja ZX-14R Special Edition	16-17

KTM	YEAR
1190 Adventure R	13-16
1190 RC8 / R	08-15
1290 Super Adventure R / S / T	15-20
1290 Super Duke R / GT	14-24
690 Duke	08-13
990 Super Duke R / GT	05-08
990 Supersmoto SMR	09-13

MOTO GUZZI	YEAR
V100 Mandello	23-24

MV AGUSTA	YEAR
Brutale 1000RR	2020
F4 RR / RC	11-18
Rush	2020

TRIUMPH	YEAR
Daytona 675 R	06-20
Rocket 3 R / GT	19-21
Scrambler 1200 XC / XE	18-24
Speed Triple	11-17
Speed Triple R	11-17
Speed Triple RS	18-20
Speed Triple S	94-20
Speed Twin (1200cc)	20-24
Street Triple 765 RS	23-24
Street Triple R (Between VIN # 806646 and 982751)	19-20
Street Triple RS	17-24
ThruXton 1200 R / RS	17-18
ThruXton 900 R / RS	16-24
Tiger 1200	22-24

## TOOLS

- 10mm wrench
- 4mm hex wrench
- Flathead screwdriver

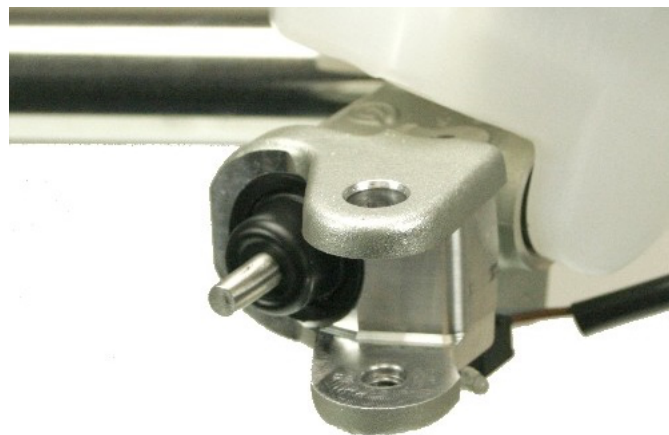
**INSTALL AT YOUR OWN RISK. ASV Inventions INC. accepts no liability for failures or malfunctions due to improper installation. ASV Inventions recommends that this lever be installed by a professional motorcycle technician.**

### 1: UNINSTALL BRAKE LEVER

- Use a 10mm wrench and a 4mm hex wrench to unscrew the main pivot bolt holding the stock lever in the master cylinder.
- Remove the lever. Be careful as the OEM push rod may also fall out of the master cylinder.

### 2: INSTALL THE ASV PUSH ROD

- If you ordered directly from ASV INVENTIONS, your order will include only one push rod. If you ordered from a dealer, you may receive two push rods.
- Replace the OEM push rod with the longer ASV push rod. (See pic)
  - For the 2021+ ZX-10R, use the supplied ZX-10 ASV push rod.



### 3: INSTALL THE ASV LEVER

- Line up the ASV lever with push rod and place it into the master cylinder. It should take the same amount of force to install the ASV lever as stock lever. Once placed, insert the pivot bolt and tighten. No more than 5lbs of torque.



#### 4: TESTING THE BRAKE LIGHTS

With the bike in neutral, turn on your bike's lights. Apply the ASV brake lever several times. With each pull, there should be a "clicking" sound from the lever and the brake lights should flash.

#### 5: TESTING THE BRAKES

With the bike in neutral, move the bike forward and back while pulling the ASV brake lever several times. With each pull, the bike should stop firmly, and with each release, the bike should move freely.

#### 6: ADJUSTING THE BRAKE LEVER REACH

Use the reach adjust dials to set the levers to your desired reach. ASV levers have far greater reach adjust than stock levers and could cause braking issues if adjusted too closely to the handlebar. Be sure to test your settings at slow speeds before riding normally.

**Congratulations!** If you have any questions, please check our FAQ guide at [www.ASVINVENTIONS.com/info](http://www.ASVINVENTIONS.com/info)

- c. Reinstall the original lever and take note of how much the original lever presses on the master cylinder. The ASV lever should press the same amount. If the ASV lever presses any greater on the master cylinder than the original lever, you may be installing the wrong ASV lever for your master cylinder.

If you are unable to resolve any of these issues, check out our website for more troubleshooting options including video tutorials. Or, contact ASV INVENTIONS directly!

#### ASV TECH SUPPORT:

ASV Phone: 714.861.1400

ASV Email: [techsupport@asvinventions.com](mailto:techsupport@asvinventions.com)

Monday-Friday - 9am to 5pm PST

[Don't forget to register for your ASV warranty!](#)

### TROUBLESHOOTING

- **ASV lever does not fit into the master cylinder.**
  - a. Check that the master cylinder on your bike is the same as OEM. On older bikes, it may have been modified or changed.
  - b. Check that the correct pivot bolt is being used. It is common for users to accidentally switch the clutch and brake pivot bolt during installation.
  - c. Check that the correct tabs and bushings are properly installed on the ASV lever.
  - d. If this ASV brake lever came with an ASV clutch lever, check to make sure the ASV brake lever is being installed.
- **Brake lights do not "click" or flash when ASV lever is pulled.**
  - a. Check that the correct brake light tab is properly installed.
- **Front brake does not work when ASV lever is pulled.**
  - a. Check that the lever is not adjusted too close to the handlebars. (Step 6)
  - b. Check that the push rod is properly installed. (step 2)
- **ASV lever touches the control switches when pulled**
  - a. Check that the lever is not adjusted too close to the handlebars (step 2)
  - b. The master cylinder may have shifted during installation. Loosen the handlebar mounting bolts and adjust the master cylinder until it fits.
  - c. Lever may need a spacer. Spacers are available for free at [asvinventions.com](http://asvinventions.com)
- **ASV lever does not return after being pulled.**
  - a. Loosen the pivot bolt. It may have been overtightened.
- **ASV lever touches handguards**
  - a. Uninstall handguards. ASV levers double pivot design does not allow for factory handguards. If the ASV lever contacts the handguards while riding, it may cause brakes to lockup.
- **Front wheel does not move freely when ASV lever is released.**
  - a. Check that the correct push rod is properly installed in the master cylinder and that is properly seated inside the ASV lever (step 2)
  - b. Check that the brake light tab is properly installed on the ASV lever.

#### ASV INVENTIONS INC

[www.asvinventions.com](http://www.asvinventions.com)

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