



## BRC511 or BRF311

Installation / Fitment Guide v.240517



This lever was designed to fit Nissin brake master cylinders installed on the following motorcycles.

BUELL / EBR	YEAR
EBR 1190 RS / RX	11-15

HONDA	YEAR
CB 1000R	11-24
CBR 600RR	07-25
CBR 1000RR / Fireblade	04-19
CBR 1000RR (not fireblade)	20-25

KAWASAKI	YEAR
Concours 14 (ZG1400)	07-22
Ninja 1000	10-19
Ninja ZX-6R / ZX-6RR	05-06
Ninja ZX-6R	07-22
Ninja ZX-750R	11-12
Ninja ZX-10R	06-15
Ninja ZX-14	06-11
Ninja ZX-14R	12-17
Z900 SE	22-24
Z900RS   Café   SE	18-24
Z1000	07-13

SUZUKI	YEAR
B King	08-12
GSX 1300R Hayabusa	22-23
GSX-R 600 / Z	04-24
GSX-R 750 / Z	04-24
GSX-R 1000 / R / RZ	05-24
GSX-S 1000 / F / FZ / Z	15-20

TRIUMPH	YEAR
Daytona 675 (Not R)	06-20
Speed Triple (After VIN# 333178)	2008
Speed Triple	09-10
Street Triple R (Before VIN# 560476)	19-20
Street Triple R	08-18

### INCLUDES

1x ASV Brake Lever

### TOOLS NEEDED:

1x 10mm wrench  
1x Small Philips screwdriver  
1x Flathead screwdriver

### ADDITIONAL PARTS

ASV levers from a third-party dealer may include additional parts that will need to be mounted on your ASV lever depending on the motorcycle.

1x BR11-T1 tab  
1x BR11-T2 tab  
2x BR11-T3 tab

## 0: ASSEMBLE THE ASV LEVER

If this lever was ordered directly from ASV Inventions, the lever will have come pre-assembled to fit your application. Otherwise, follow the next step to assemble your lever.

Install the correct brake light tab using the provided Philips screws.

For **HONDA**, install tab **BR11-T1**



For **KAWASAKI** except 05-06 ZX-6R / RR, install tab **BR11-T2**



For **05-06 KAWASAKI ZX-6R / RR**, install tab **BR11-T3**  
For **SUZUKI, TRIUMPH, and BUELL**, install tab **BR11-T3**



**WARNING!** ASV Inventions highly recommends that this lever be installed by a qualified and skilled individual. ASV Inventions INC. accepts no liability for failures or malfunctions due to improper installation. Install at your own risk.

**WARNING!** If your front wheel does not move freely after the ASV lever has been installed and is NOT being pulled, **DO NOT RIDE THE MOTORCYCLE**. Refer to the troubleshooting guide or contact ASV INVENTIONS for assistance.

## 1: UNINSTALL OEM BRAKE LEVER

1a) Use a flathead screwdriver and 10mm wrench to remove pivot bolt on the OEM master cylinder.



1b) Remove the lever. If the plunger rod comes out, re-insert it back into the master cylinder.



## 2: Install the ASV lever

2a) Place the lever into the brake master cylinder. Be sure that the OEM plunger rod is fully inserted into the ASV plunger barrel.

**NOTE!** The ASV lever should push into the master cylinder by the same amount as the stock lever. If the ASV lever is much harder to install compared to stock, refer to the troubleshooting guide.



2b) Place the pivot bolt back into the master cylinder and tighten. Secure with the 10mm nut underneath. Do not overtighten.



## 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 much greater reach adjust than stock and can cause issues if they are 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)

## SUPPORT & TROUBLESHOOTING

### ASV lever does not fit into the master cylinder.

- Check that the master cylinder on your bike is the same as OEM. On older bikes, it may have been modified or changed.
- Check that the correct pivot bolt is being used. The clutch or brake pivot bolt may have been switched during installation.
- On the ASV lever, check that the bushing inside the pivot opening is properly seated inside the lever.
- Check that the tabs are properly installed on the ASV lever.
- If the ASV brake lever came with an ASV clutch lever, check that you are installing the ASV brake lever.

### Brake lights do not "click" or flash when ASV lever is pulled.

- Check that the brake light tab on the ASV lever is activating the brake light switch when pulled.

### Front brake does not work when ASV lever is pulled.

- Check that the lever is not adjusted too close to the handlebars.
- Check that the push rod is properly installed. (step 2)
- Reinstall the original lever and see if the issue persists. If so, there may be an issue with the motorcycle's brake system.

### Lever has a lot of free play or feels loose

- Check that the pivot bolt and the nut is securely tightened.
- Check that the correct push rod is properly installed.
- Reinstall the original lever and take note of how much free play it has. The ASV lever should have the same amount of free play or looseness.

#### **ASV lever touches the control switches when pulled**

- Check that the lever is not adjusted too close to the handlebars
- The master cylinder may have shifted during installation. Loosen the master cylinder mounting bolts and adjust until it fits.
- Lever may need a spacer. Spacers are available for free at [asvinventions.com](http://asvinventions.com)

#### **ASV lever does not return after being pulled.**

- Loosen the pivot bolt. It may have been overtightened.

#### **ASV lever touches handguards**

- Remove the handguards. In some case, the ASV lever double pivot design is not compatible with factory handguards. If the ASV lever contacts the handguards while riding, it may cause brakes to lockup.
- If the handguard contact is due to the protruding nuts and bolts on the ASV lever, contact ASV for low-profile pins.

#### **Front wheel does not move freely when ASV lever is released.**

- Check that the correct push rod is properly installed in the master cylinder and that it is seated inside the ASV lever (step 2)
- Check that the brake light tab is properly installed on the ASV lever.
- Reinstall the original lever and take note of how much the original lever presses on the master cylinder. If the ASV lever presses any greater on the master cylinder than the original lever, or if the brakes feel like they are being applied even when released, you may be installing the wrong ASV lever for your master cylinder.

For more troubleshooting options and detailed install videos, visit [www.asvinventions.com/installation/](http://www.asvinventions.com/installation/)

#### **Need help? Send us pics!**

Our techs are available Monday through Friday, 9am to 5pm PST. Please provide as many photos or video of the issue so that we can offer the best assistance.

Phone: **714.861.1400**      Email: [info@asvinventions.com](mailto:info@asvinventions.com)

Register your warranty at [www.asvinventions.com/support](http://www.asvinventions.com/support)

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