



Fitment / Installation Guide CR50C

ASV Inventions recommends that this lever be installed by a professional motorcycle technician. ASV Inventions, INC. accepts no liability for failures or malfunctions due to improper installation. Install at your own risk.



This lever replaces the stock lever on motorcycles equipped with a Brembo clutch master cylinder from factory. Please confirm before installing.

| APRILIA | YEAR |
|-------------|-------|
| RSV Mille/R | 04-09 |

| DUCATI | YEAR |
|------------------------------------|-------|
| 749 / S / R | 03-06 |
| 848 / EVO | 08-12 |
| 899 / 959 Panigale | 13-19 |
| 999 / S / R | 03-06 |
| 1098 / S / R | 07-09 |
| 1198 / S / R / Panigale | 09-14 |
| 1299 S / R / Panigale | 15-18 |
| Diavel / X Diavel / X / Strada | 11-23 |
| Hypermotard 950 / SP | 19-23 |
| Hypermotard 1100 / S / EVO / SP | 08-12 |
| Monster S4R / S4RS | 06-08 |
| Monster 1100 / S / Tour / GT | 09-13 |
| Monster 1200 / S / EVO | 14-23 |
| Monster / Monster + | 21-23 |
| Multistrada 1200 / S / Tour / GT | 10-17 |
| Multistrada 1260 / Enduro / S / GT | 18-21 |
| Panigale V2 / V4 / S / R | 19-23 |
| Street Fighter / S / 848 | 09-15 |
| Street Fighter V2 / S | 22-23 |
| Street Fighter V4 / S | 20-23 |
| Supersport / S | 17-23 |

| HUSQVARNA | YEAR |
|--------------|-------|
| Vitpilen 701 | 18-20 |

| KAWASAKI | YEAR |
|---------------------------------|-------|
| Ninja H2 / H2R (Not SX or Z H2) | 15-21 |

| KTM | YEAR |
|-----------------------|-------|
| 690 Duke | 08-10 |
| 990 Super Duke R / GT | 05-08 |
| 1190 RC8 / R | 08-15 |
| 1290 Super Duke R | 14-23 |

| MOTO GUZZI | YEAR |
|---------------|-------|
| V100 Mandello | 22-23 |

| MV AGUSTA | YEAR |
|----------------|-------|
| Brutale 1000RR | 20-20 |
| F4 RR / RC | 11-18 |
| Rush | 20-20 |

| TRIUMPH | YEAR |
|-----------------|-------|
| Rocket 3 R / GT | 19-21 |

Step 1: Uninstall clutch lever

1a) Remove the lever pivot bolt by first removing the 10mm nut underneath the master cylinder.



1b) Remove the 4mm hex pivot bolt. The lever and the push rod should be removable.



Step 2: Install the ASV lever

2a) For KTM and Husqvarna, install push rod "K" by gently twisting until it is completely through the rubber boot. For all other applications, use push rod "D" instead. We recommend applying WD40 to the push rod and gently twisting clockwise and counterclockwise until its inside the rubber boot.



2b) Place the ASV into the master cylinder, making sure that the push rod sits inside the barrel of the ASV lever.

2c) Screw the pivot bolt back into lever and the master cylinder

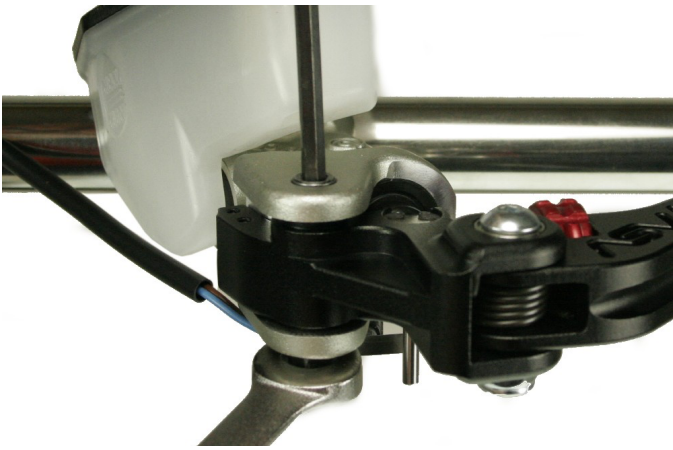
Tools Needed

- 4mm Hex Key
- 10mm wrench
- Phillips screwdriver

Assemble the ASV lever

If purchased directly from asvinventions.com, the levers will come preassembled, and you can move on to Step 1. Otherwise, follow the steps below to assemble the lever.

- For KTM or Husqvarna, install tab "K" and bushing "K"
- For KTM Superduke or RX8. Install tab "K" and bushing "Superduke"
- For all other applications, just use "D" bushing. No tab needed.



Step 3: Testing / Adjusting your ASV lever

3a) With the bike off, shift into first gear. Fully engage the clutch lever and attempt to move the bike forwards and backwards manually. It should move freely. Disengage the clutch lever and attempt to move the bike again. This time, it should not move. If there is any issue at this stage, adjust the clutch cable until the bike moves only when it should.

3b). With the bike in neutral, get into riding position and start the bike.

3c) Fully engage the clutch and shift to first gear. Keep the clutch fully engaged. The bike should remain still. If the bike is moving forward, turn off the bike, twist the reach adjust dial outwards, and try again. Keep doing this until the bike remains still with the clutch fully engaged.

3d) Use the reach adjust dials to set the levers to your desired reach. Adjusting reach will greatly affect brake and clutch engagement. Be sure to test at slow speeds before riding normally.

Congratulations! You have successfully installed the ASV clutch lever on your bike! Enjoy some awesome riding with your new performance controls. If you have any questions, please reach out to us at our contact info below.

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