

**LEFT HAND**

**REAR BRAKE**

P/N: **N1-B**



<p><b>BETA: 2010-2018, 250-500cc, RR /RS/ XT, 2 &amp; 4 Stroke Models</b></p>
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**INSTALLATION INSTRUCTIONS**

**“NO BLEEDING!!!”      “GRIP REMOVAL IS REQUIRED !!!”**

***Read instructions prior to installing your OX-Brake.  
These instructions will help you with proper installation!!!***

<p>Your OX-BRAKE, Left Hand Rear Brake (LHRB), with or without an auto-clutch, will add a new dimension to your riding style. After a day or two of riding you will begin to appreciate the advantages of your LHRB.</p>
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<p>OX-BRAKE, LHRB is a stand-alone, “Auxiliary-Braking System” that works in conjunction with your rear brake foot lever .OX-Brake does not replace your primary brake system. Installation of your OX-Brake will have no affect on the original hydraulic braking system installed by the manufacturer</p>
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<p><b><i>. <u>Note:</u> the OX-Brake system will not function as designed when installed on a brake system that does not meet manufacturer specifications, or one that requires maintenance.</i></b></p>
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**“BETA ONLY”** Remove the seat and fuel tank this will allow proper cable routing during installation. ALL OTHER MAKES DO NOT REMOVE SEAT AND FUEL TANK.

1. Figure #1-- **Install LHRB Lever** next to the left grip flange. A  $\frac{3}{4}$ " space is necessary and may require moving the clutch lever and other items in toward the center of the handle bars.
2. Figure #2-- **Remove the clevis pin** from brake foot lever and clevis.
3. Figure #3-- **Move clevis** away from brake pedal.
4. Figure #4-- **Slide the "Cable adapter** over the Rear brake pedal.
5. Figure #5-- **Return the Brake Clevis** to the Pedal, raise the Cable Adapter and insert pin.
6. Figure #6--**Install Cable Perch** on top of brake cylinder, paint side down, use supplied screws 4x20mm and washers, use thread locker and torque to manufacture specifications.
7. Figure #6--**Route cable-** Follow the routing of the clutch line/cable. *Direct cable away from any exhaust contact, over the top-center of rear shock, outside subframe,* and insert lower end of cable into the Cable Perch on brake cylinder. Install the upper end of inner cable wire into the LHRB Lever screwing the adjuster on the LHRB Lever all the way in. Thread the inner wire into the rear hole on the Cable Adapter.
8. Figure #6--**Install the Cable** Clamp over the inner wire, Tighten the set screw in Cable Clamp just enough to keep it from sliding down (used supplied hex wrench).
9. Figure #6--**Snap the inner wire** several times. With a pair of pliers snap down on the inner wire to take out slack and seat the cable in it's routing. Next push the cable clamp up to touching the Cable Adapter and the Cable Adapter seated on the brake pedal, tighten the cable clamp to test the LHRB lever for proper operation of the brake system. Cable end cap can now be crimped onto cable end to prevent fraying of the cable.
10. Figure #7--**System install complete** with Components identified.

The OX-Brake system has been tested and works as stated, should you need help or have any questions. Technical Support, **Chuck 303-888-6923**

**Figure #1**

**Install OX-  
Rear Brake Lever**  
**Installing the OX-  
NISSIN Brake**



**Brake Left Hand**

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**BRAKE on the  
Systems**



Note:



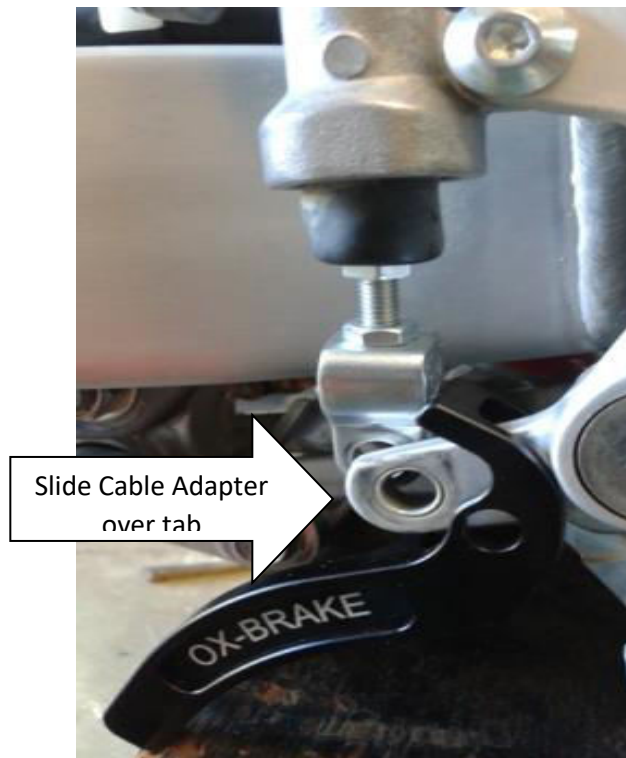
Photos may not be of your specific Motorcycle

**Figure 2**

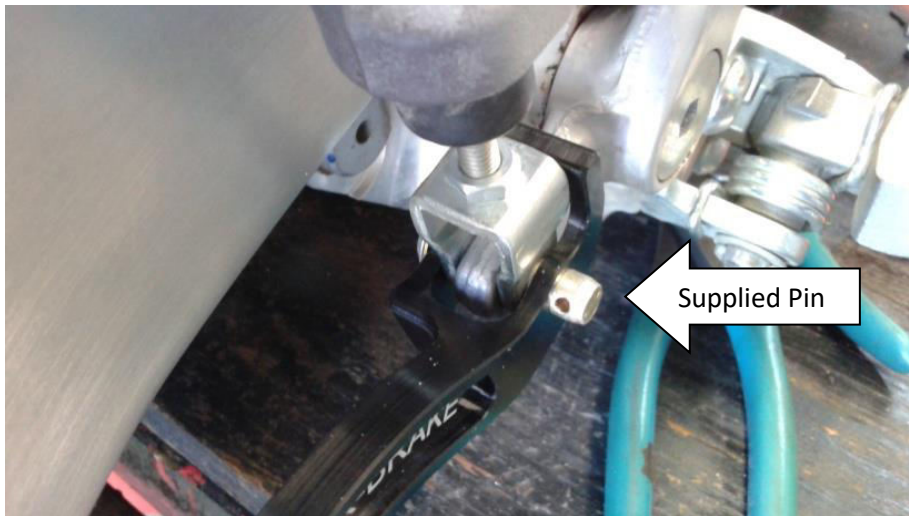
**Remove Clevis Pin from clevis connecting to brake pedal. Install cable perch to top of brake cylinder.**



**Figure 3, Move clevis and pushrod aside**



**Figure 4 Slide Cable Adapter over the brake lever tab**



**Figure 5.**

**Reposition clevis over brake tab, Raise Cable Adapter, shim as required (supplied washers). Align holes, insert supplied clevis pin, and secure with supplied washer and cotter pin.**

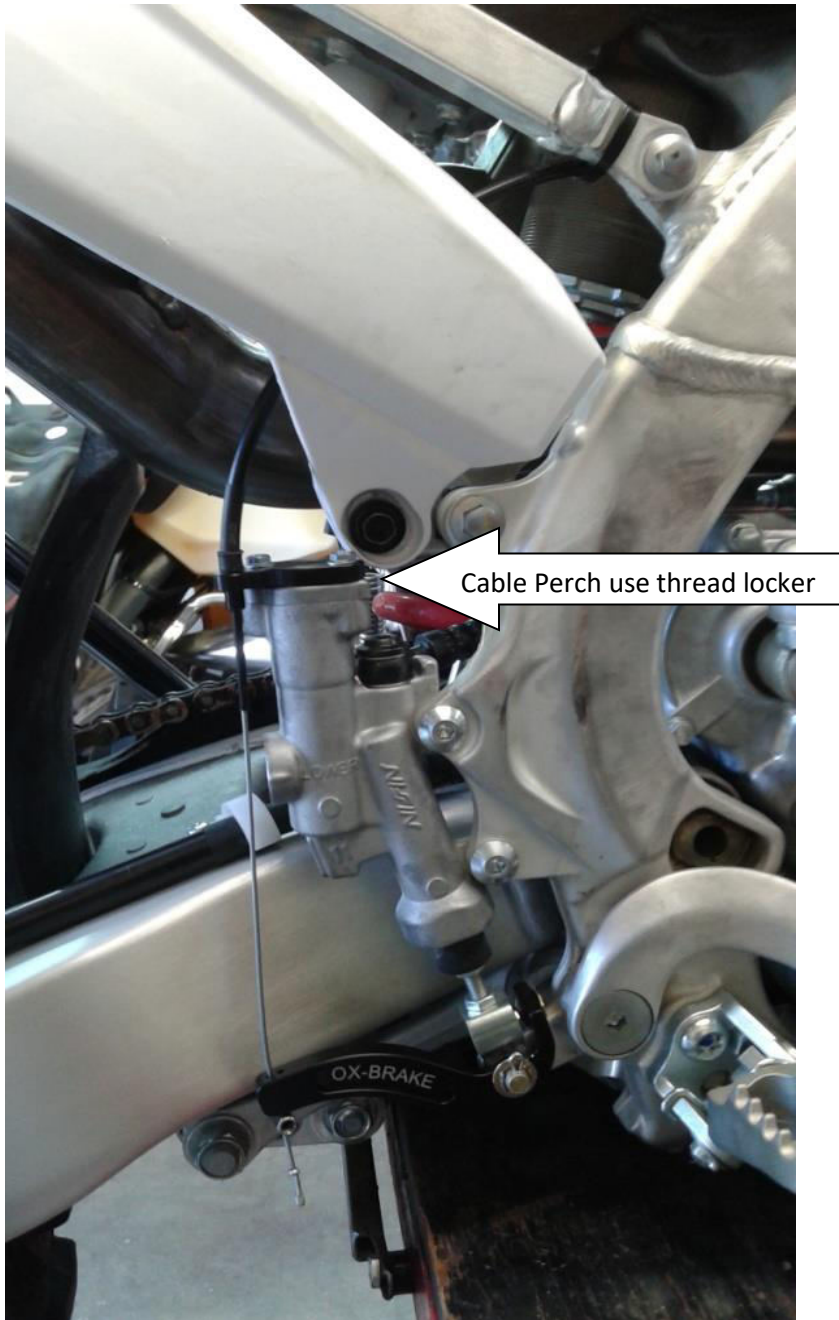


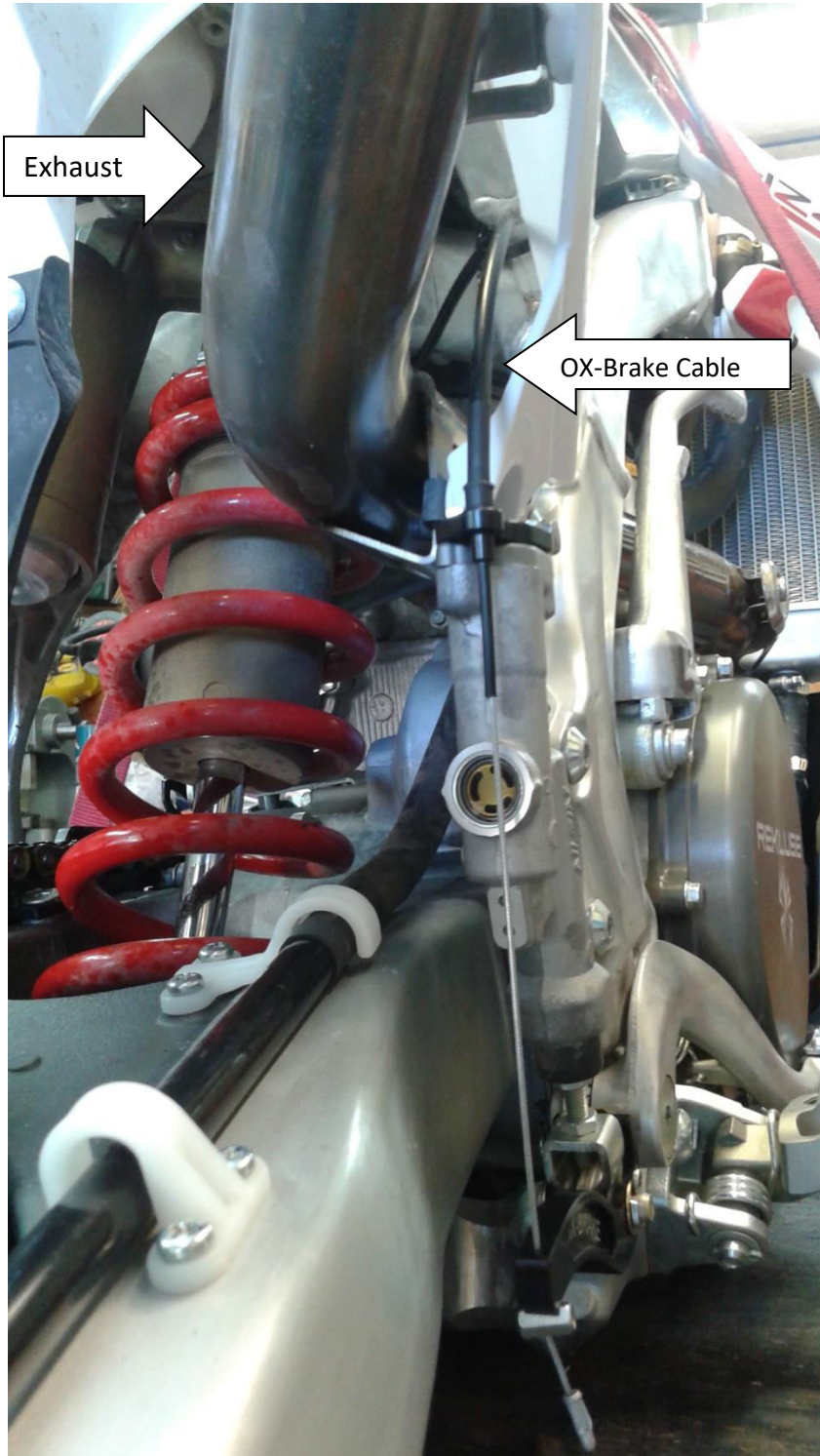
Figure 6.

Installation of Cable Adapter, Cable Perch, Cable, And Cable Clamp Complete.

Confirm the Cable housing is no closer than  $3/8''$  from *Exhaust!*, *heat will melt the cable housing.!!! Your warranty does not cover a melted cable.*



**“Beta 4 Strokes, route cable outside the subframe.”**



**Figure 7**

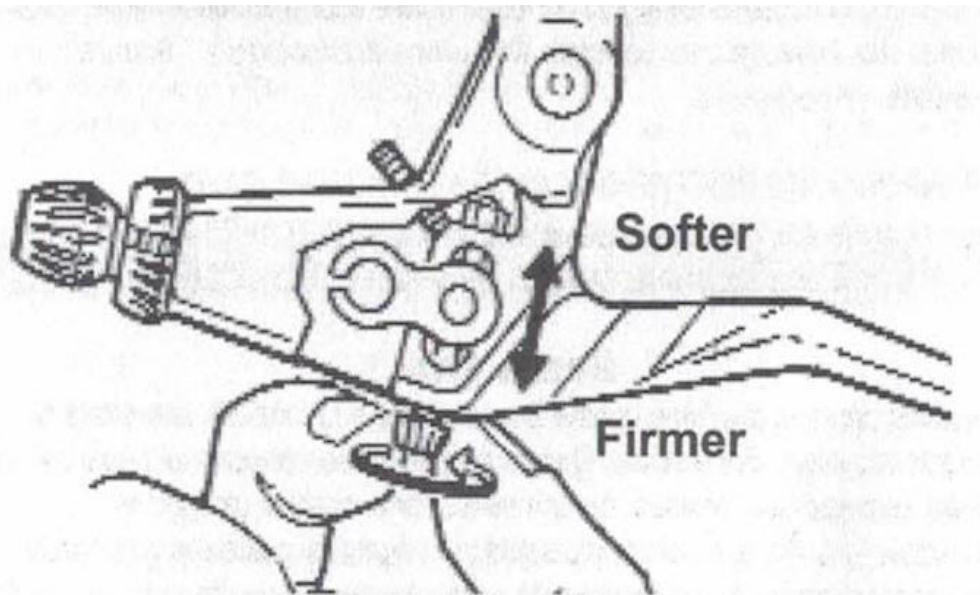
**Photo may not be  
your specific  
motorcycle**

## **NEW "POWER SELECT" HAND LEVER**

**INCLUDED IN ALL OX-BRAKE "2" KITS**

### **NEW POWER SELECT HAND LEVER**

**INCLUDED IN THIS KIT**



#### **POWER SELECT LEVER**

- 1. Set the Adjuster to the middle of the range.**
- 2. Following installation adjust the knob the exact feel you desire.**
- 3. The most power is found in the softer position.**

## **Questions, Contact Technical Support**