NOWASKEY
EXTREME PERFORMANCE

47mm CVO Inverted Installation



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EXTREME PERFORMANCE

ADVISORIES

Installation should be performed by a certified motorcycle technician. Improper installation or suspension adjustment may result in damage to the motorcycle, suspension components, or personal injury.
Replacing the original equipment suspension will significantly affect the handling, ride quality, and responsiveness of the motorcycle. Proper suspension setup is critical to achieving optimum performance, comfort, and safety.
Refer to the suspension tuning guide and adjust preload, compression damping, and rebound damping settings as applicable for the rider's weight, passenger and cargo load, and intended riding conditions.
After installation, verify that all fasteners are properly torqued, all suspension components move freely throughout their range of travel, and all hoses and wiring are routed to prevent interference, pinching, or abrasion.
Failure to follow these instructions may result in reduced vehicle control, component damage, or serious injury.

LIMITED LIFETIME WARRANTY

All Nowaskey Extreme Performance products are guaranteed to the original retail purchaser only that the Products furnished hereunder shall be free from material defects in material and workmanship under normal use and service, when properly installed, maintained and used for the purposes for which it is designed. Warranty coverage is limited lifetime. In the event warranty service is required, notice of any such alleged defect must be given to NEP within ten (10) days after the discovery thereof, and provided that inspection by NEP confirms the existence thereof to the sole satisfaction of NEP. Instructions for filing a warranty claim can be found at https://www.nowaskey.com/warranty/. Coverage terminates if the original retail purchaser sells or otherwise transfers or alters the Products. This limited lifetime warranty does not cover (i) normal wear of parts: (ii) road hazards, abuse, neglect, accidents, collisions, fire, theft, freezing, vandalism, riot, explosion, or objects striking the Product: (iii) misusing the Products such as driving over curbs, or overloading; (iv) altering, disassembling, tampering or modifying the Product; (v) acts of God, natural disasters, force majeure events, and other similar causes beyond the reasonable control of NEP; or (vi) damage due to external causes, including accident, abuse, misuse, neglect, improper storage, modification, or any services not performed by NEP or its authorized representatives. Further, this warranty is voided if the Products are used for any form of racing. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.
NEP DISCLAIMS ALL OTHER WARRANTIES, CONDITIONS, OR REPRESENTATIONS, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE. NEP SHALL NOT BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, AND SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFIT, LOSS OF USE, DOWNTIME, LOSS OF PRODUCTION OR LOSS OF DAMAGE TO RAW MATERIALS OR FINAL PRODUCTS) OR FOR ANY CLAIM BROUGHT AGAINST THE PURCHASER BY ANY OTHER PARTY. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to a particular original retail purchaser. NEP's exclusive liability and original retail purchaser's exclusive remedy under this limited warranty is limited to replacement at NEP's factory or warehouse. This limited lifetime warranty is void unless the original retail purchaser completes the online warranty registration at https://www.nowaskey.com/warrantyregistration/ within thirty (30) days from the date of purchase. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO THE EXTENT PERMITTED BY LAW, THE WARRANTIES AND REMEDIES IDENTIFIED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW. THIS WARRANTY IS NOT ASSIGNABLE TO ANY PERSON OTHER THAN THE ORIGINAL BUYER AND IS ONLY VALID TO THE PERSON TO WHOM THIS WARRANTY IS ORIGINALLY GRANTED AND WHOSE NAME APPEARS ON THE ORDER.

Recommended Tools

Center Stand
6mm Hex Socket
Extended 6mm Hex Socket
1/4" Hex Socket
5/16" Hex Socket
19mm Hex Socket
T-27 Socket
Ratchet(s)
Torque Wrench(es)

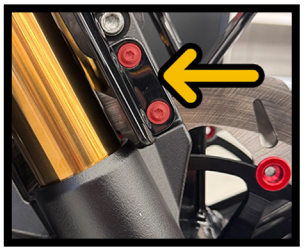
Installation

Important: Read these installation instructions completely and ensure you fully understand them before beginning installation. Refer to the factory-authorized service manual for any procedures or torque specifications not specifically covered in these instructions.

1. Lift Your Motorcycle

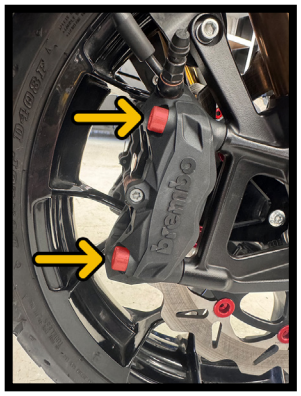
Using an approved motorcycle jack, safely lift the front of your motorcycle until the front wheel is off the ground.

Before proceeding with service ensure the motorcycle is secured to the jack and stable.



2. Remove Fork Guards

Remove the two (2) fasteners from each fork guard and remove the fork guards.



3. Remove Front Brake Calipers

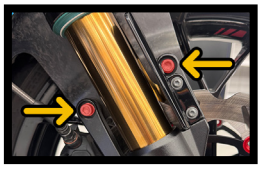
Remove the two (2) brake caliper mounting fasteners from each front brake caliper.

Carefully remove the front calipers from the brake rotor and secure the calipers away from the front wheel.

4. Remove Front Fender

Remove the four (4) bolts retaining the front fender.

Carefully remove the front fender from between the fork legs and place asside.

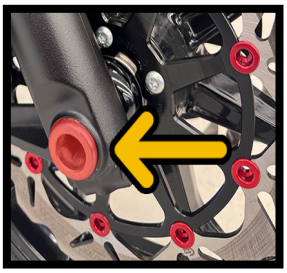


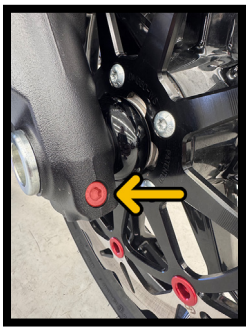
5. Remove Front Wheel

Remove the axle pinch bolt from the axle lug.

Remove the axle from the lower fork legs.
ensure to record oreinetation of ABS sensor and spacer(s)

Remove the front wheel from front of the motorcycle.



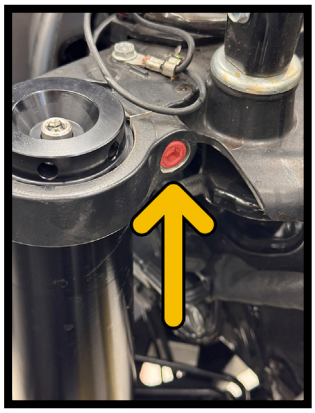


6. Remove Fork Legs

Loosen the top triple tree pinch bolts on both sides.

Hold the fork leg and loosen the lower triple tree pinch bolts until the fork assembly slide out of the triple trees.

Repeat this on the opposite side.





7. Disassemble Fork Legs

Remove the damper tube bolt from each fork leg, draining the oil from each leg and properly dispose of the oil at an approved EPA certified collection site.

Carefully remove the top cap from the fork tube.

Remove the internal components from each fork tube.

Clean the inside of the fork tubes throuroughly to eliminate any contamination on the inside of the fork assemblies.

8. Assemble Fork Legs / Tubes

Apply a liberal amount of lubricant to the o-ring near the bottom of the Nowaskey cartridge.

Slide the cartridge assembly into the tube unil it is seated into the axle lug.

Note: *Due to the tolerance of the o-ring it will require pressure to be pushed into the tube. Be carefull not to cut or roll the oring during installation.*

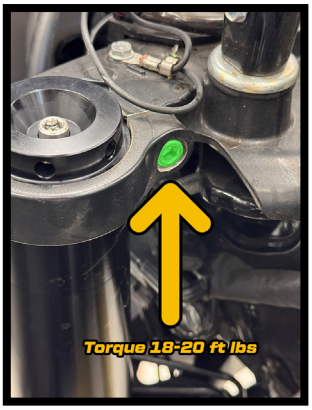
Using a new crush washer, install the damper tube bolt. Torque the damper tube bolt to **11-18 ft-lbs.**

Using the provided oil, pour one bottle of fluid (75cc) into each fork assembly.

Slide the slider up on the fork tube and tighten the cartridge top cap.

9. Install Fork Assemblies

Place each fork assembly into the triple trees, ensure height alignment is equal before torquring upper and lower pinch bolts to **18-20 ft-lbs.** Alternate pinch bolts until all pinch bolts are torqued equally.





10. Install Wheel

Place the wheel between the fork legs.

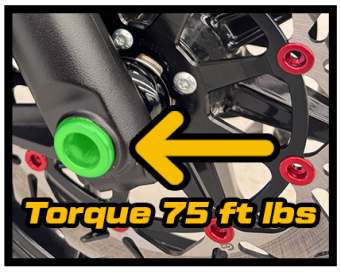
Ensure spacers and abs sensor are orientated in the correct position.

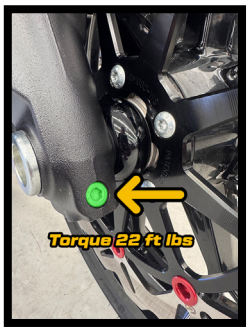
Apply a thin layer of anti-sieze to the axle.

Install the axle and torque to **75 ft-lbs**.

Apply Blue Loctite® to the axle pinch bolt.

Install the axle pinch bolt and torque to **22 ft-lbs.**





11. Install Fender

Apply Blue Loctite® to the fender mounting hardware.

Install the front fender and snug the bolts.

Ensure fender alignment is correct and torque the fasteners to **18 ft-lbs**.



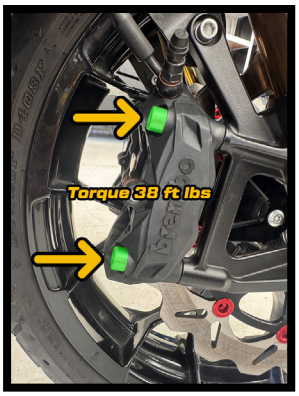
12. Install Brakes

Place the front brake calipers over the brake rotors.

Apply Blue Loctite® to the caliper mounting bolts.

Torque the fasteners to **38 ft-lbs**.

Pump the front brake lever until it is solid before moving the motorcycle.



13. Install Fork Guards

Apply Blue Loctite® to the fork guard mount hardware.

Install the fork guards and torque the fasteners to **44-62 in-lbs.**



14. Lower The Motorcycle

Carefully remove the jack from under the motorcycle.