

# Ness 15" Big Brake Rotor-XL Models

## Work needs to be done by a trained Technician



Thank you for purchasing this Arlen Ness product. We believe that our products are the very best available and are engineered to provide a lifetime of use. Basic hand tools and a service manual for your year and model motorcycle are all you need to complete this installation.

### Parts:

4) M10 X 35mm SOCKET HEAD BOLT    1) 15" Rotor Assembly    1) Caliper Bracket

1. Referring to the appropriate shop manual, remove the front wheel assembly and caliper.
2. Remove OEM brake rotor from wheel and re-using the OEM hardware, install the 15" Big Brake rotor to the wheel and torque to OEM specs.
3. Install front wheel as per OEM shop manual.
4. Install the provided caliper bracket by placing a drop of blue Loctite on the threads of two of the provided M10 X 35mm socket head bolts, passing the bolts through the fork legs, and threading into the caliper bracket. Torque to 30 ft/lbs. **See Picture 1.**
5. Referring to the shop manual, spread the brake pads in the caliper to the maximum. Add a drop of blue Loctite to the remaining two M10 X 35mm socket head bolts. Place the caliper over the rotor making sure the rotor is between the two brake pads. Secure the caliper with the M10 x 35mm bolts and torque to 30 ft/lbs. **See Picture 2**
6. **Important: There is a semi-circular boss cast just above the lower caliper bolt hole on the inside (rotor side) of the caliper. THERE MUST BE A MINIMUM OF .015" BETWEEN AND THE BOSS AND THE ROTOR PINS. CHECK WITH FEELER GAUGE AND IF NEED BE, USE A FILE OR DIE GRINDER TO REMOVE MATERIAL FROM THE BOSS UNTIL PROPER CLEARANCE IS ACHIEVED. See Picture 3**
7. Pump the brake lever until the brake pads contact the rotor. Check fluid level.
8. **Test ride the bike slowly and carefully. Remember, the front brake will be much more sensitive than stock and it will take some getting used to. It is recommended that you exhibit extreme caution for the first 100-200 miles of riding while you acquire the new "feel" for a much more sensitive front brake. RE-TORQUE ALL HARDWARE AFTER 500 MILES.**

