



Brake Pros/PBR Performance Brake System Kit # 30-8000 Nissan Altima/Maxima

1. Raise front of vehicle and support with jack stands. Be sure to block the rear wheels to prevent the vehicle from rolling. (Refer to owner's manual for proper jack points)
2. Remove front wheels.
3. Remove bolts that hold caliper to spindle with an open-end wrench or socket. *Tech tip: Do not let caliper dangle or hang from OEM brake line. Fasten caliper to a suspension part with wire or tie-rop.*
4. Remove rotor from hub.
5. Remove dust shield, it will need to be cut off.
6. Install the Brake Pros aluminum caliper mounting bracket adapter to the **inside** of the mounting tabs with the overhanging part outboard, using the 14mm HHCS, washers and nyloc nuts. The nuts will be on the inside, away from the rotor. Torque to 70-80Ft/Lbs. (Older Maximas will use the 12mm hardware and a steel sleeve inserted into the bracket)
7. Install Brake Pros cross-Drilled rotor onto hub.
8. Attach caliper cage to Brake Pros caliper adapter bracket, the groove for the retaining pin should be at the top.
9. Insert the PBR caliper with pads into lower portion of cage and press the top into the cage. Insert retaining pin. Make sure the retaining pin and bleeder screws are located at the top of the caliper. Attach e-clip to retaining pin. *If the calipers are installed with the pins on the bottom, a loud clunk will be heard when applying the brakes. This clunk is normal in reverse only.*
10. Using a 10mm-flare nut/line wrench loosen hard brake line. Remove retaining clips with flat blade screwdriver. *Tech tip: Put a rubber vacuum cap over hard brake line end to keep brake fluid from draining out and emptying master cylinder reservoir.*
11. Install stainless steel brake line with a 10mm-flare nut wrench. Connect banjo end of stainless steel line to caliper first. Route brake line up and attach support to metal spindle bracket. Continue to route brake line up to top to where it mounts to steel hard-line. Remove the vacuum cap and install/fasten brake line to existing hard-line.
12. Repeat this procedure on the other side.
13. Bleed the brakes. Check brake line fittings for leaks. Retighten and bleed if necessary.
14. Road test the vehicle. Make a series of medium speed stops (35mph). Then increase speed and make another series of higher speed stops. **IMPORTANT (Do not attempt to lock the brakes up.)** This procedure will allow the pad and rotor materials to properly set or bed in.

