



## Brake Pros/AP Racing Performance Brake System Instructions for Kit #AP0500/AP0545

**Please read the instructions and enclosed installation notes completely prior to installation.**

1. Raise front of vehicle and support with jack stands. (Refer to the owner's manual for proper jack points.) Be sure to block the rear wheels to prevent the vehicle from rolling.
2. Remove wheels.
3. Remove the mounting bolts for the stock caliper, but do not disconnect the brake line yet. Lift the caliper off the rotor and set it on the suspension out of the way. Do not let it hang by the brake line.
4. Remove the stock rotor.
5. Remove stock dust shield. (It needs to be cut off.) It will not be reused.
6. Install the caliper bracket ("L" facing inboard) to the outboard side of the spindle using the caliper mounting holes with the provided 12x65mm bolts, 12mm Nyloc nuts, and 12mm washers, install Nyloc nuts to the inboard side. Torque to 64 ft-lbs.
7. Install the new rotor, hat towards you, onto the hub.
8. Install the AP Racing caliper onto the caliper bracket studs and over the rotor. Brake line mount should be to the inside and bleeder valve to the top. Use the M12 SHCS, washer and thread locker to secure caliper to bracket. Torque to 45-50 ft-lbs.
9. Attach the banjo end of the stainless steel brake line to the caliper with the banjo bolt with two copper crush washers on both sides of the banjo fitting and tighten until snug.
10. Disconnect end fitting of the stock brake line and attach the stainless steel brake line in its' place. Be sure not to allow the master cylinder to drain completely. Also do not allow the brake fluid to touch the paint.
11. Repeat the procedure on the other side.
12. Bleed the brakes. Check brake line fittings for leaks. Retighten if necessary.
13. Recheck installation.
14. Install wheels. **Important!** Hand tighten the lug nuts and check clearance of the wheel to the caliper and brake lines. When clearance is verified proceed to progressively in a crisscross pattern torque to 85 lbs./ft or to wheel manufacturers specifications.
15. Road test the car. Make a series of medium speed stops (35 mph.) Then increase speed and make another series of higher speed stops. (Do not attempt to lock the brakes up.) This will allow the pad and rotor materials to properly set. Allow 200-300 miles break in period before attempting any aggressive braking.

The Brake Pros/AP Racing Performance Brake System is designed for aggressive performance use. Please note the following comments:

A change in pad material will effect the braking abilities and rotor wear of this system. The pad material chosen is the best for its' intended use. For pure race use there are other pad material available.



**Important! Because of the heat build up in the brake system during extreme use, you need to let the brakes cool down by driving normally for a short distance before stopping. This cool down period not only helps the longevity of the brake system, but also the entire vehicle.**