

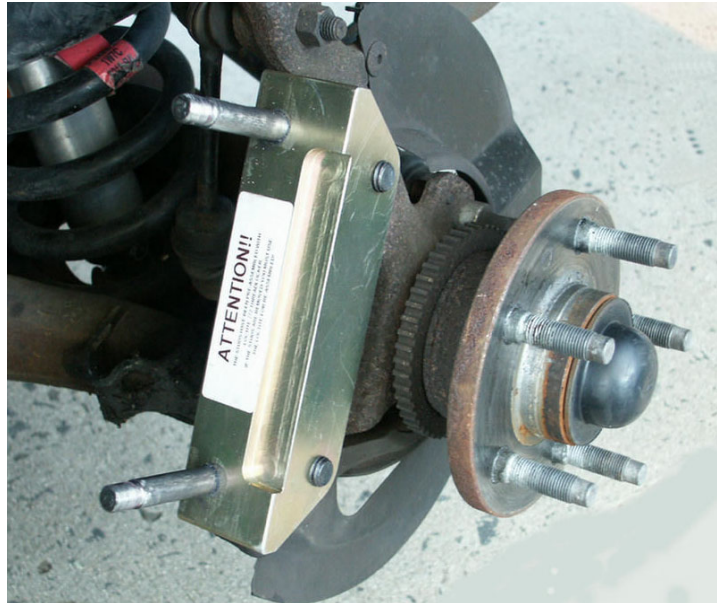
Brake Pros

Precision Braking Systems

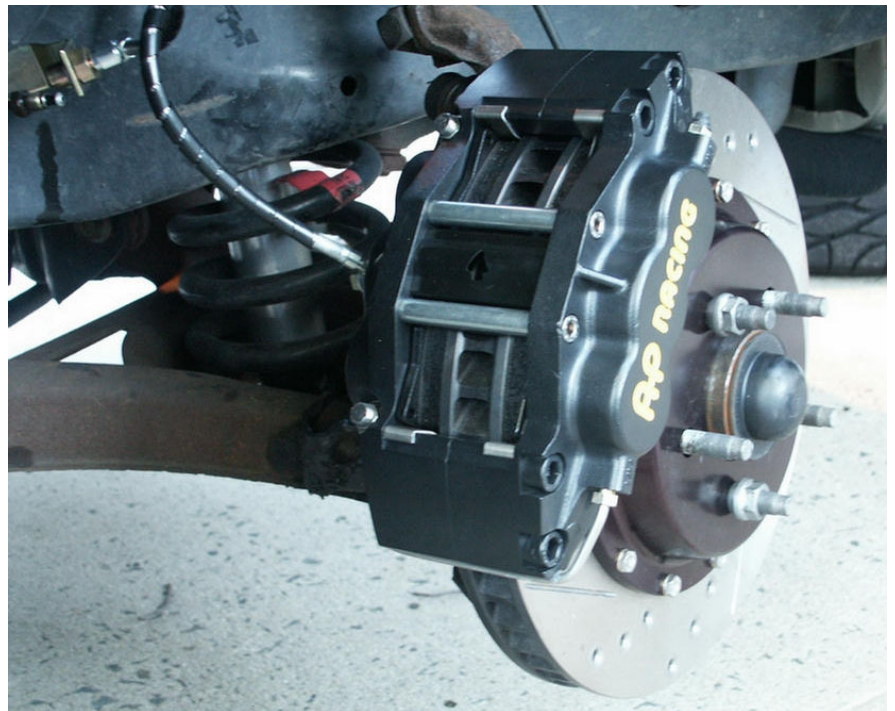
Brake Pros/AP Racing Performance Brake System Instructions for Kit #AP2500 Crown Victoria

Please read the instructions 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 front 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 rotor.
5. Install new caliper bracket to the outboard side of the caliper mounting ear with the "L" facing inboard. Secure with the M14 bolts and the small spring washers. Torque to 80 ft/lbs.



6. Install new rotor, hat side to the outboard side onto the hub.
7. Install caliper onto caliper bracket. Make sure the bleeder valves are at the top. Using the 7/16-20 Jet nut and 7/16 washer and torque to 54 ft-lbs.



8. Access the caliper brake line mount port by removing the plastic plug.
9. Attach banjo end of the stainless steel brake line to the caliper and hand tighten. Use one copper washer on both sides of the banjo fitting. Route the new brake line along side the OE rubber brake line.

10. You will need to disconnect the stock brake line from the vehicle at this point. Remove the stock brake line mounting bracket. Install the new brake line mounting brackets with the OEM bolt. Connect the new brake line adapter through the bracket and attach to the hard line and tighten to 10ft/lbs max. Use the provided "E" clip to secure the adapter to the bracket. Attach the new line to the adapter and torque to 10ft/lbs. Go back and tighten banjo bolt to 10ft/lbs max.

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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!** Check wheel clearance to new brake components. Check brake line clearance to the wheels and other components by turning wheels left to right. Re-index brake lines if necessary to make sure it stays clear of the wheel and tire when turning. Hand tighten the lug nuts, then progressively in a crisscross pattern torque to app. 85 lbs/ft or to wheel mfg. recommended torque.
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.

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 affect 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.