



## Brake Pros/AP Racing Performance Brake System Instructions for Kit #AP1900, 1997-2000 Ford Expedition 4WD

Please read the instructions completely prior to installation.

You may need a factory service manual for portions of this installation. Please call with any questions regarding this subject.

1. Raise the front of vehicle and support with jack stands. Refer to the vehicle owner's manual for proper jacking locations. Be sure to block the rear wheels to prevent the vehicle from rolling.
2. Remove the front wheels.
3. Remove the mounting bolts for the stock caliper, but do not disconnect the brake line yet.
4. Remove the stock brake rotor.
5. Remove the dust shield.
6. Install the caliper bracket to the inboard side of the spindle (stepped side of bracket facing outboard) using OEM caliper mounting bolts. Torque to 65ft/lbs.
7. Install the Brake Pros/AP Racing rotor onto the hub. It may be necessary to remove material by slightly grinding the lower outboard surface from the steering knuckle. This is necessary to provide adequate clearance for the new Brake Pros/AP Racing brake rotor. Be sure the rotor clears the steering knuckle with a minimum of .060".
8. Install the Brake Pros/AP Racing caliper assembly over the rotor and onto the mounting studs. The brake line connection should face inboard and the bleeder valves face up. Use the 7/16-20 Jet nut (supplied) and washer to secure caliper. Torque to 52 ft/lbs.
9. Attach banjo end of new brake line to the caliper. Use one copper washer on each side of the banjo fitting. Tighten until snug.
10. Disconnect end fitting of stock brake line and connect the new stainless steel braided brake line and hard line adapter in its place. Do not leave the line disconnected or you will drain the master cylinder of brake fluid.
11. Bleed the entire brake system. Be sure to follow the vehicle manufactures instructions. Check all brake components for leaks. Adjust as necessary.
12. Be sure the brake lines do not interfere with any part of the suspension or rub against anything that may cause damage.
13. IMPORTANT – This kit requires the use of a minimum wheel I.D. of 15.5". Hand Install wheels and check for adequate clearance of brake components and wheels. Hand tighten the lug nuts and follow Manufactures torque specifications. Turn steering wheel lock to lock and be sure all components have adequate clearance and will not rub.

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.**