

Machining Rotors: The 4/9.0 Solution

Using the PFM 9.0 is simple. In just 4 steps over 9 minutes any tech can perform top-quality brake work. We call it the 4/9.0 Solution.

- **Step 1: MOUNT THE ADAPTER** (2 minutes)
- **Step 2: SET UP THE LATHE** (2 minutes)
- **Step 3: ADJUST FOR LATERAL RUNOUT** (1 minute)
- **Step 4: MAKE THE CUT** (4 minutes)

The 4/9.0 Solution — 4 steps over just 9 minutes to perform top-quality brake work. If these steps are followed properly on each brake job, the Pro-Cut PFM 9.0 will operate accurately and efficiently.

Step 1: MOUNT THE ADAPTER (2 minutes)

The first step is to choose the proper adapter. Most passenger cars require either the four (50-687) or five lug (50-688) Direct Fit® adapter. Some larger passenger cars and smaller trucks use the 50-695 adapter. For most trucks and vans, use the larger adapter (50-691). This fits 5, 6, 7, and 8-lug vehicles. (See the complete adapter guide on page 20).

Once you've selected the correct adapter, try each bolt pattern until you find the one that fits the vehicle evenly. When possible, use the nuts provided with the machine. Hand tighten nuts. Do not use impact wrenches to mount adapters. Nuts should be hand-tightened to 25–30 ft. lbs. Excess torque will damage the adapter.

Some 4-wheel-drive vehicles require that you remove the cap from the locking hub. Some also require the use of a spacer (30-791 or 50-246). If the adapter doesn't fit flush and square, use the spacer. Sometimes the holes in the spacer are not needed as the entire bolt pattern will fit in the center of the spacer.



Step 1 of the 4/9.0 Solution:
Technician mounts an adapter to the hub.

WARNING: The adapters are made of cast iron, not aluminum or steel like wheels. They are not designed to withstand the use of impact tools. **DO NOT USE IMPACT GUNS TO ATTACH THESE ADAPTERS.** Twenty to thirty ft.-lbs. applied by hand is plenty to secure the adapter to the vehicle. **DO NOT USE IMPACT WRENCHES TO TIGHTEN LUG NUTS.** Excess torque applied with an impact wrench will damage the adapters. Warranty does not cover this misuse.

PRO-CUT: 800-543-6818

