

Eurospec brake kit (two piece rotors)

The caliper within our brake kits have been designed to fit many applications. Consequently, the caliper integration method relies on an adapter to mount the caliper to the vehicle. This mounting approach is typical for aftermarket brake kits. The procedure below is designed to minimize brake shudder (shake).

Assembly recommendations:

Since there are manufacturing and vehicle tolerances designed into the brake caliper mounting bracket the installer needs to make sure the caliper is aligned (in plane) with the rotor when torqueing both the adapter to the suspension and the caliper to the bracket. The alignment is even more important on brake kits with rotor sizes larger than 12 inches.

There are many ways to align the caliper onto the adapter bracket however a method that can be applied without special tools is the most common.

- 1) Connect caliper to hydraulic system
- 2) Mount rotor to vehicle using at least two lug bolts and spacers to evenly distribute the clamp load. This will simulate the wheel mounted to the car
- 3) Attach brake caliper adapter bracket to suspension with fasteners torqued proper specs
- 4) Install new pads, and loose fit caliper onto adapter bracket, hand tighten caliper bolts until they are snug
- 5) Repeat 1-4 on the other side
- 6) Bleed calipers
- 7) With brake pedal depressed, torque both calipers to brackets bolts using proper torque specs
 - a. This takes advantage of balanced hydraulic pressure behind all of the caliper pistons and parallel new pads to set the caliper in plane with the rotor.