



Medium Duty Truck Caliper Inlet Threads

All disc brake calipers have two threaded inlet ports. One port is used for the bleeder screw and the other is used to secure the brake hose from the master cylinder. The bleeder screw port is always the “upper” port to allow for the removal of air in the braking system. The brake hose inlet port is always the “lower” port. Both of these ports are threaded to allow for installation of the bleeder screw and brake hose. The most common brake hose design uses a hose block on the end of the hose and a separate “banjo bolt” to secure the hose to the caliper. However, in most Medium Duty calipers, the brake hose installs directly into the caliper. To do this, the steel brake line has a threaded “tube nut”. The steel line passes through the tube nut and is flared at the end to keep the tube nut from falling off.



Tube Nuts

The threads in the inlet ports are susceptible to damage and a cause for warranty return. For this reason, we have incorporated a process during the rebuilding process where tube nuts are installed into each inlet. Prior to installation on a vehicle, these tube nuts must be removed and disposed of. However the integrity of the inlet threads are guaranteed by installing the tube nuts at the factory.



Medium Duty Caliper with Tube Nuts installed