DISC BRAKES
PREMIUM PERFORMANCE BRAKES

INSTALLATION INSTRUCTIONS
Brake Rotor Kit for 6,000 lbs. and 8,000 lbs. Hydraulic Disc Brakes

K71-637-00 Rotor Replacement Kit for 6,000 lbs. Disc Brakes
K71-631-00 Rotor Replacement Kit for 8,000 lbs. Disc Brakes

Notice to Buyer: It is recommended that all brakes be replaced at the same time to insure balanced braking performance

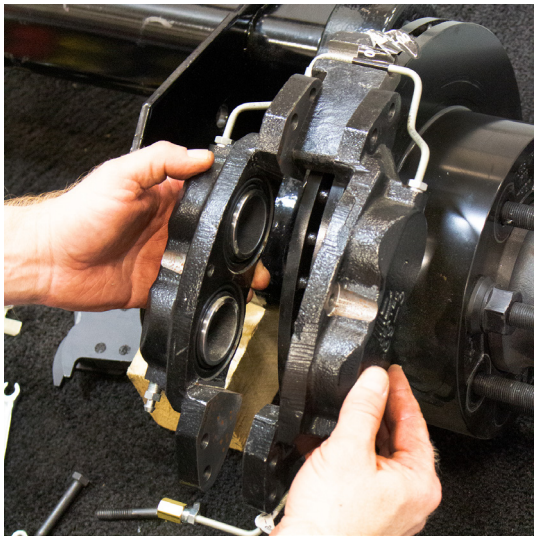
Remove the old brake rotor

1. Jack up trailer and secure on adequate capacity jack stands. Follow trailer manufacturers recommendations for lifting and supporting the unit.

⚠ CAUTION

Do not lift or support the trailer on any part of the axle or suspension system. Never go under any trailer unless it is properly supported on jack stands which have been rated for the load. Improperly supported vehicles can fall unexpectedly and cause serious injury or death.

2. Remove the wheel from the hub, leaving the brake exposed.
3. Disable the brake actuation system. Check that the hydraulic system has zero pressure and that the hub and drum rotate freely.
4. For brakes produced after April 2008, locate the crossover brake line threaded into the bottom side of both calipers. The crossover brake line is attached to the inboard side of the anchor yoke using a metal tube clamp. Remove the 1/4-20 bolt that connects the tube clamp to the yoke.
5. Remove the four caliper mounting bolts. Do not allow the caliper assembly to hang from the hose. Do not disconnect the hose or allow air into the hydraulic system.



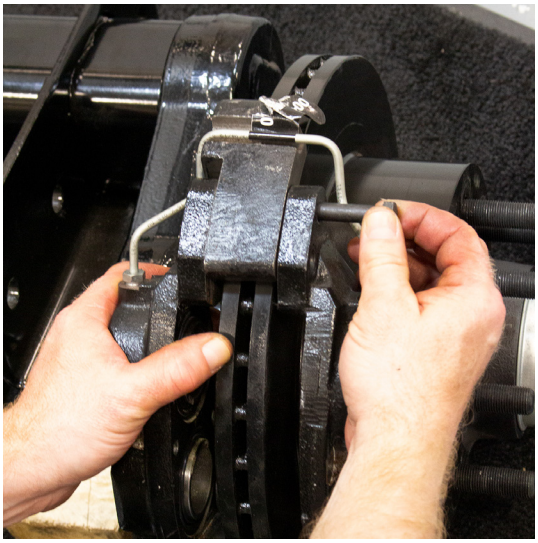
6. With the caliper assembly out of the way remove the brake rotor. Save the brake mounting hardware for reinstalling the brake calipers.

Installing the new brake rotor

1. First inspect the brake assembly for grooves, flaking, cracks, heat checking, thickness variation, insufficient rotor thickness, and look to see that the mounting hardware is straight. Replace any component as needed (or desired) per manufacturer recommendations.
2. Install the new brake rotor by fitting it onto the hub flush with the hubface.

   Note: Use two lug nuts to secure the rotor against the hub face when assembling the calipers. After the calipers are assembled, remove the lug nuts.

3. Remount the caliper assembly onto the caliper attaching bracket. It may be necessary to push the piston into the calipers to obtain enough clearance. Torque mounting bolts to **25-35 Ft. Lbs.**



4. For brakes produced after April 2008, apply anti-seize or similar thread lubricant to the 1/4-20 bolt and reattach the crossover line tube clamp to the inboard side of the yoke. Torque the bolt to **85-100 Inch Lbs.**

5. Spin the rotor to ensure that there is enough clearance between the rotor and the crossover brake line.
6. Reconnect the brake actuation system. Refer to your Operation Maintenance Service Manual for proper operation.
7. Remount the wheel. Refer to your Operation Maintenance Service Manual for proper wheel nut torque procedures.
8. Spin the wheel to ensure that there is enough clearance between the wheel, crossover brake line, and rotor.