

OBS Brake Conversion Instructions

1. With the vehicle secured in place with wheel chocks or on a lift, place the transmission in neutral.
2. If you are working from the ground, lift and hold the rear end of the vehicle off of the ground using a jack and jack stands.
3. Remove rear wheels from the vehicle.
4. Remove the banjo bolt and banjo assembly from both calipers. Remove both 18mm bolts that hold the caliper bracket on the backing plate. Now you will be able to remove the NBS calipers and rotors from the vehicle.
5. Start removing the bottom bolts on the differential cover. After the bottom half of the bolts have been removed, you should see the fluid start to drain. If not, lightly pry the bottom of the pan away from the housing. Allow the gear oil to drain. Now you can completely remove the cover.
6. Rotate the differential until you have access to the center pin bolt. Remove the bolt with a 5/16" box wrench. Now pop the center pin shaft out of the differential. This might take some rotating of the differential and light tapping to get the shaft to start sliding out.
7. Now you should be able to see both axles in the differential. Push the axles in from the lug side of the axle toward the center of the vehicle to expose the C clips. Use a magnet to remove the C clips and pull the axles out of the housing.
8. Remove the emergency brake shoes by pulling them off and away from the wheel cylinder. Unclip the emergency brake cable on the backside of the backing plate. Remove both cables from the truck.
9. Unbolt the stock backing plates and replace them with the new caliper brackets. Start all four bolts in the caliper bracket but do not tighten them yet. ***IMPORTANT*** - Clock the caliper bracket in the direction the wheel spins in forward motion. In other words, clock the bracket in a clockwise direction and tighten on of the bolts up. This will secure the bracket against the four bolts and prevent rotation during extreme stops.
10. From here you can install the axles, C clips, center shaft and center shaft bolt.
11. Install both rotors over the axles.
12. With the brake pads installed in the calipers, slide the caliper over the rotor and line the guide pins up with the caliper bracket. ***IMPORTANT*** - It is important to realize these caliper brackets are aluminum and can easily be cross-threaded. Carefully install both caliper bolts. You want these tight but do not use an impact wrench or anything powerful to tighten the bolts with. You do not want to pull the threads out of the bracket. A standard allen wrench is recommended. Hand tight is plenty to hold the calipers in place.
13. Install your banjo assembly on both calipers and bleed the brakes.
14. Install the differential cover, add gear oil, and install wheels and tires back on the vehicle. Check to make sure your brakes are working properly.