

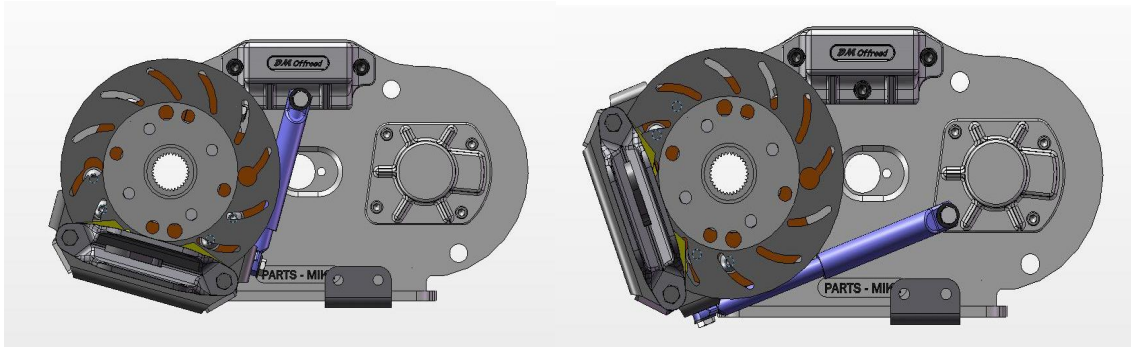
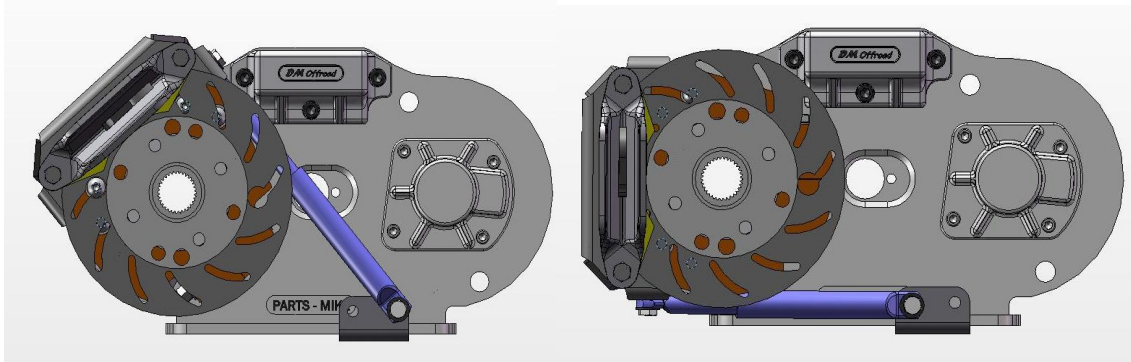
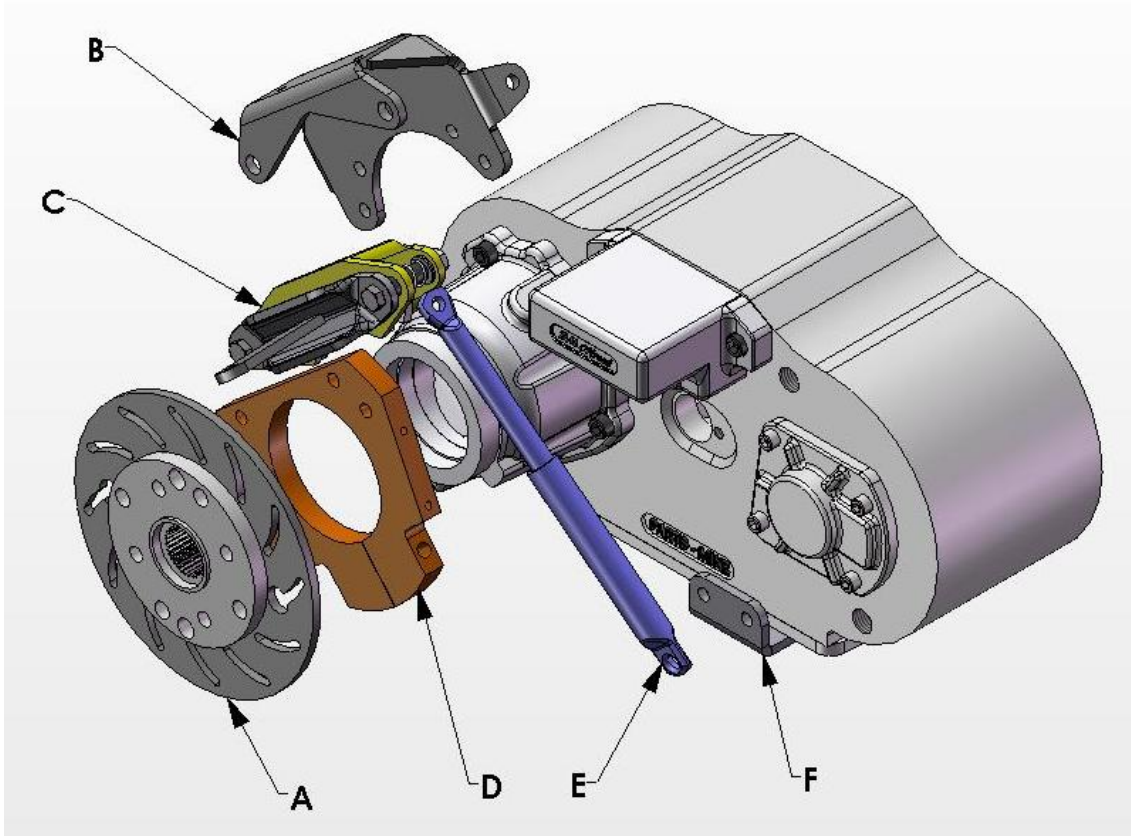
# Parking Brake Install

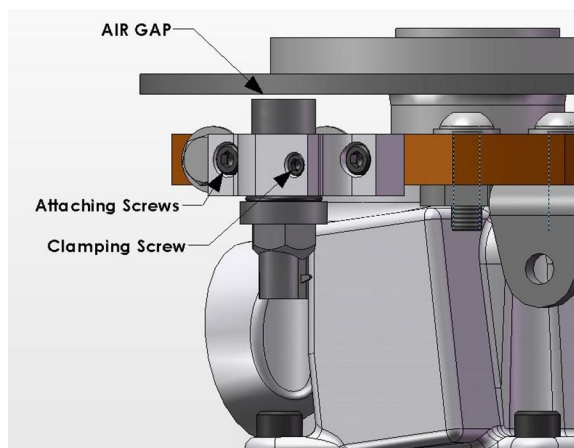
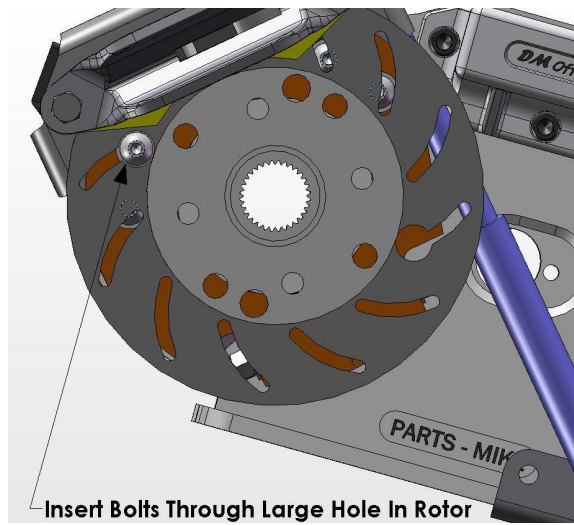
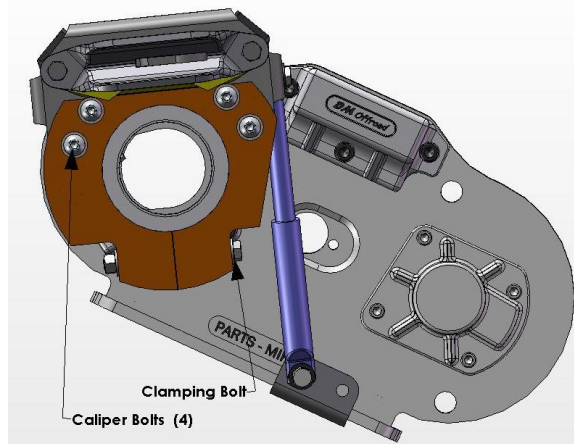
For Atlas 2 and 4 Speed and 32 spline  
Upgrades for D300, D20 and NP231

**This is a parking brake and not intended to be used as an "emergency brake", and is Not DOT Approved and also intended for off road use only.**

Keep in mind to, this requires some fabrication skills on your part. We have provided a system the is simple but because there are so many variables this of cable applications you will need to mount the cable to operate the lever.

1. Remove rear output flange.
2. Install parking brake Mounting Ring **D** with caliper **C** and caliper mounting bracket **B** on machined surface off rear output housing. Slide it on until it bottoms on the output housing. Bracket may be rotated to a position that works best for your application, cable attachment must be considered, make sure nothing blocks attaching point. If it will not rotate you may put a screwdriver in the slot to expand it.
3. See caliper breakdown if you need to reverse lever
4. Check illustration attached for attachment points. Once you have located the rotation that works best, lightly tighten bolt that secures mounting ring. Tab **F** is supplied as an attachment bracket using 2 oil pan bolts, there will be 4 places on the pan to choose, use the one that keeps the adjustable anti rotation bar as close to parallel as possible to the tab on caliper mounting bracket **B**. The ends of the anti rotation bar may be bent at attaching points. You can use either hole on tab **F** to bolt the anti rotation bar. Using the 5/16-18 x 1 1/4" pan bolts supplied silicon the threads and torque to 20 ft lbs.
5. Torque mounting ring clamping bolt to 30 ft/lbs. Bolt in the anti rotation bar and tack weld, remove to weld.
6. Unbolt the 4 bolts that fasten the caliper mounting bracket **B** to mounting ring **D**, remove bracket **B**. Install flange/rotor assembly with nut and sealing washer, torque to 105 ft/lbs. Reinstall the caliper assembly with the 4 bolts and washers removed in previous step. There are two access holes in the rotor that you can install the bolts through. Torque to 20 ft/lbs. Attach the anti rotation bar and torque bolts to 20 ft lbs.
7. If you are installing our speed sensor, bolt as illustrated with the 1/4-28 socket head cap screws supplied, install the sensor, set the air gap .060" and tighten the clamping screw only tight enough to stop the sensor from turning.
8. Please call if you have any questions. Parts Mike 530-885-0673





## Caliper Exploded View

Lever may be reversed to pull from opposite direction

