

Cat[®] Wet Front Brake Conversion For 777F Off-Highway Trucks



Improved Brake Capacity and Life

Upgrade kit to convert the existing dry front brakes to oil-cooled, multiple disc brakes on 777F off-highway trucks. These wet brakes offer improved cooling capacity for long life and dependable performance in applications requiring extensive braking. This Cat[®] upgrade is serviced and supported through the Caterpillar distribution network. Operation, maintenance, and repair for upgraded trucks are the same as for those 777F trucks which left the factory with optional wet front brakes.



Cat 777F Wet Front Brake conversion

Parts Required To Upgrade One 777F (JRP, JXP) Truck:

Quantity	Part Number	Description
1	399-0787	UPGRADE KIT
2	6F4855	SEAL-O RING
2	7F0880	GASKET
2	8X6737	COVER
2	243-5550	BRAKE GP-SERV -E
2	303-9578	WHEEL-FRONT

This upgrade replaces the existing (dry) single disc caliper type front brakes with oil-cooled multiple disc brakes. Front wheel groups are replaced and hydraulic cooling lines added.

Benefits:

The oil-cooled multiple disc front brakes dissipate heat better resulting in improved brake capacity and life. Brake discs are internal so they are less susceptible to dirt/damage.

Other Upgrades to Consider

- **VIMSTM**
While not a required part of the wet brake upgrade, we recommend VIMS because it includes a brake temperature monitoring function. VIMS product Brochure: AEXC0681
- **Engine Compression Brake**
For maximum braking effectiveness and longest brake life, consider adding the engine compression brake upgrade.
Datasheet: PEHJ0223
- **Brake Wear Indicators**
These permanently installed indicators (available only for rear brakes of 777F) reduce brake wear inspection time while eliminating one potential source of fluid contamination.
Datasheet: PEHJ0261

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We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.

