

New at Summit Racing Equipment: Auburn Gear Differentials

Summit Racing now carries the latest Auburn Gear Differentials. Auburn Gear differentials (except the Max Locker) are a limited slip design that provide torque to both wheels, but allow the axle shafts to rotate independently when cornering, delivering more torque to the wheel with the most traction.

Tallmadge, OH ([PRWEB](#)) April 01, 2016 -- Summit Racing now carries the latest [Auburn Gear Differentials](#). Auburn Gear differentials (except the Max Locker) are a limited slip design that provide torque to both wheels, but allow the axle shafts to rotate independently when cornering, delivering more torque to the wheel with the most traction.

Summit Racing offers several types of Auburn Gear differentials tailored for drag racing, street traction, or off-roading:

High Performance and Pro Series

These limited slip differentials are engineered to provide smooth torque-sensing operation. The High Performance Series differentials are designed more for street and light off-road use. The Pro Series differentials have a heavier-duty cone clutch and preload springs that can handle higher and react more quickly to tire slippage than the High Performance models. That makes the Pro Series ideal for high-horsepower cars.

ECTED Max-Locker

The ECTED Max-Locker differential is a selectable locker design that allows drivers to go from a limited-slip to full-locker with the flick of a switch—perfect for a dual-use race car or off-roader. The electronically controlled differential features a unique cone-clutch design with aircraft-quality 9310 heat-treated billet steel gears. The ECTED lockers operate quietly without any shift fork or pins required change the mode.

Autocross Road Race Series

The Autocross Road Race limited-slip differentials have a ‘floating’ center pin design. In a corner, the outside wheel axle shaft will apply a force to the center pin, firmly seating the pinion gears’ inside cone/side gear assembly. The result is an extremely "tight" rear axle that provides more grip as G-forces increase.

Max Lock Full Locker

The Max Lock is an automatic full locker design that locks and unlocks based on traction conditions. It provides power to both wheels, and will only unlock when cornering as one wheel spins faster. That makes the Max Lock ideal for off-roading and serious dual-purpose drag race machines. The Max Lock is designed for open (non-limited slip) differential cases.

Auburn Gear differentials are available for most popular GM, Ford, Chrysler, Dana, and Toyota axles.

Summit Racing Equipment

www.SummitRacing.com

1-800-230-3030



Contact Information

Alan Rebescher

Summit Racing Equipment

+1 (330) 630-0270 Ext: 7406

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