

Steel Clad Aluminum Brake Rotor

Innovative Brake that Saves Consumers \$\$\$\$

Advantages:

- 30% to 50% weight reduction
- Less brake pad drag
- Increase gas mileage about 3% on average
- Faster heat dissipation and lower braking temperatures
- Greater corrosion resistance
- No heat dissipation degradation due to rusting
- Approximately 30% less wear on brake pads
- Lasts over 10 years or 100,000 miles
- Shorter stopping distance
- Faster car acceleration
- More precise steering due to un-sprung weight reduction

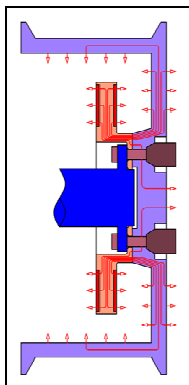


LiteBrake Tech, LLC

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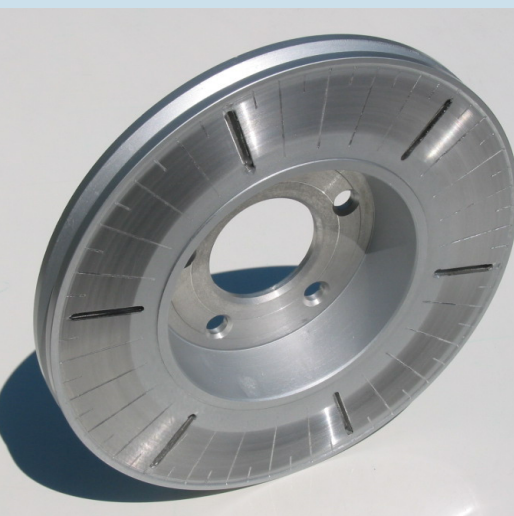
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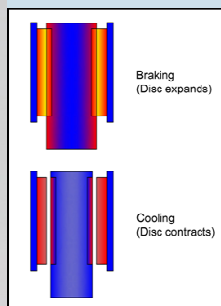


Uses connected aluminum rim as the brake heat sink and radiator to lower brake temperatures.

Incorporates a better steel with dozens of slots to increase the braking friction.



Utilizes the greater thermal expansion coefficient of aluminum to create a "force free pad return" -reducing pad drag and increasing gas mileage.



The installation of the SCA brake rotors on a passenger car could save you \$300 - \$500 brake rotor replacement costs and \$130 - \$220 pad replacement costs over a period of ten years. The lighter rotating weight and pad drag reduction of the SCA rotor will further save you \$110 to \$300 in gas expenses every year and achieve a better braking performance. See reverse side for details.

Currently Available Rotors for:

- Ford Escape
- Mercury Mariner
- Chevrolet Equinox
- Saturn VUE
- Toyota Camry
- Toyota Prius
- Toyota Corolla
- Toyota Sienna
- Toyota Solara
- Toyota Avalon
- Lexus ES300
- Honda Accord
- Honda Civic
- Honda CR-V
- Honda Element
- Dodge Caravan
- Chrysler Town & Country

More coming soon!

Check www.litebrake.com for update information



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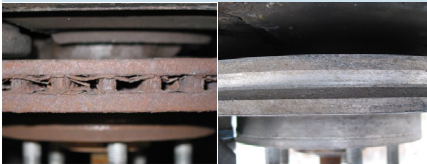
Lighter rotation weight and less pad drag result in higher gas mileage.

Gas Mileage Tests*

Front Brakes	Test MPG	EPA MPG
2 cast iron rotors	21.0	22
2 SCA rotors	23.4	

* highway gas mileage, driven with full tanks of fuel to empty on a 2008 Ford Escape 4WD, 6 cyl, 3.0 L

Cast iron rotors retire earlier primarily due to rusting and excessive wear. SCA rotors minimize both.



Cast iron and SCA rotors after 4 years service



Wear comparison: top pad was worn against the SCA rotor and bottom pad was worn against a cast iron rotor simultaneously on different sides of a 1998 Ford Windstar van.

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Rotor Wear Comparison*

Rotor Type	Original Thickness	Final Thickness	Wear	Wear Reduction
Cast iron	1.030"	1.014"	0.016"	0
SCA	1.014"	1.003"	0.011"	31.3%

* After driving 42,800 miles

Pad Wear Comparison*

Pads	Original Thickness**	Final Average Thickness	Wear	Wear Reduction
Outboard against cast iron rotor	0.416"	0.09"	0.326"	0
Inboard against cast iron rotor	0.416"	0.05"	0.366"	0
Outboard against SCA rotor	0.416"	0.17"	0.246"	24.5%
Inboard against SCA rotor	0.416"	0.18"	0.236"	35.5%

* After driving 42,800 miles; ** excluding 0.252" thick steel backing plate.

SCA Rotor Consumer Cost Saving Estimate

Vehicle: 2008 Ford Escape 4WD, 3.0 L, 6 cyl, Regular Gasoline

Annual Fuel Cost with Cast Iron Rotors*	\$2,950	\$2,950	\$2,950
Gas Mileage Increase with SCA Rotors	1.5%	3%	5%
Annual Fuel Cost Saving	\$44	\$89	\$148
Front Pad Replacement Cost (high end)**	\$225	\$225	\$225
Front Pad Replacement Cost (low end)**	\$157	\$157	\$157
Labor (high end)***	\$107	\$107	\$107
Labor (low end)***	\$84	\$84	\$84
Pads (high end)***	\$111	\$111	\$111
Pads (low end)***	\$69	\$69	\$69
Tax on Parts	6%	6%	6%
Front Rotor Replacement Cost (high end)****	\$495	\$495	\$495
Front Rotor Replacement Cost (low end)****	\$333	\$333	\$333
Labor (high end)***	\$127	\$127	\$127
Labor (low end)***	\$99	\$99	\$99
Rotors + Pads (high end)***	\$347	\$347	\$347
Rotors + Pads (low end)***	\$221	\$221	\$221
Tax on Parts	6%	6%	6%
Total Ten Years Cost Saving (high end)	\$1,162	\$1,604	\$2,194
Total Ten Years Cost Saving (low end)	\$933	\$1,375	\$1,965
Initial SCA Brake Installation Cost (OEM)	\$300	\$300	\$300
Additional Labor	\$0	\$0	\$0
Rotors	\$260	\$260	\$260
Ceramic Pads	\$40	\$40	\$40
Net Ten Years Cost Saving (high end)	\$862	\$1,304	\$1,894
Net Ten Years Cost Saving (low end)	\$633	\$1,075	\$1,665

* based on the data for 2008 Ford Escape 4WD, 3.0 L, 6 cyl from <http://www.fueleconomy.gov/>

** assuming reduction of one time pad replacement in ten years due to the use of SCA rotors with 1/3 longer pad's life

*** based on the data for 2008 Ford Escape from <http://repairpal.com/>

**** assuming elimination of the rotor replacement need in ten years due to the use of SCA rotors with at least double life time