

FYI – For Your Information

Alternative Fuel Income Tax Credits

ALTERNATIVE FUEL VEHICLE CREDIT

Colorado income tax credits are available for the purchase of an alternative fuel vehicle, for a motor vehicle that is converted to use alternative fuel, or for the replacement of the power source with a power source that uses alternative fuel. To qualify, the vehicle must be titled and registered in Colorado. (§39-22-516, C.R.S.)

The credit is only available in the year during which the vehicle was purchased or converted. If the credit allowed exceeds the net tax liability for that year, any excess credit may be carried forward and claimed on future year returns for up to five years until the credit is fully utilized.

Definition of Alternative Fuel

Alternative fuel means compressed natural gas, propane, methanol and ethanol, or any mixture thereof containing 85% or more of methanol or ethanol by volume with gasoline or other fuels, electricity, or any other fuels, which may include, but are not limited to, clean diesel and reformulated gasoline so long as these other fuels make comparable reductions in carbon monoxide emissions and brown cloud pollutants as determined by the air quality control commission.

Computation of Credit

The credit is a percentage of

- a) the difference between the cost of the vehicle and the cost of the same or most similar vehicle that uses a traditional fuel, or
- b) the cost incurred in converting the vehicle to an alternative fuel, or
- c) the difference between the cost of replacing the power source and the cost of the same or most similar power source that uses a traditional fuel.

In a) and c) above, if the cost of the traditional fuel option is greater than or equal to the cost of the alternative fuel option, the credit will be \$0.



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The percentage of the credit depends on the certification level of the vehicle and the year in which the expenditure is made.

Certification level	Tax year beginning prior to January 1, 2010
Low-emitting vehicle (LEV)	50%
Ultra-low-emitting vehicle or Inherently-low-emitting vehicle (ULEV or ILEV)	75%
Zero-emitting vehicle (ZEV or SULEV)	85%

Certification levels have the same meaning as set forth in part 88 of title 40 of the code of federal regulations. A near zero-emitting vehicle shall be treated as a zero-emitting vehicle. At this time the California certified SULEV (Super ultra low emitting vehicle) is the only vehicle rating that qualifies as a near zero-emitting vehicle.

The percentage of the credit is doubled, up to a maximum of 100%, if the vehicle or power source permanently displaces (will never be operated on Colorado highways in the future) a vehicle or power source that is ten years old or older. You must provide a copy of the bill of sale to an out of state buyer or salvage yard to claim this extra credit.

Non-Qualifying Vehicles

"Mild" Hybrid Vehicles

Mild hybrid vehicles that do not employ an alternative fuel to generate propulsion do not qualify for the alternative fuel vehicle credit.

Neighborhood Electric Vehicles (NEV)

NEVs do not qualify for the alternative fuel vehicle credit because they cannot be operated on Colorado highways. [§39-22-516(2.5)(a)(III), C.R.S.]

Used Vehicles

A vehicle can qualify for this credit only one time. To claim the credit on the purchase of a used vehicle a taxpayer must:

(a) Provide a history of the vehicle and receipts indicating the prior owners and why they did not claim this credit.

(b) Provide the cost difference used in computing the credit and the basis on which it is computed.

The cost difference will usually decrease ratably with the decrease in the value of the vehicle. For example, if the price paid for the used vehicle is 40% of the original MSRP, then the credit allowed will be 40% of the credit available for that vehicle when new.

If a ten-year old vehicle had a new alternative fuel engine put in one-year ago, then the vehicle must be compared to the most similar vehicle valued with a one year old gas engine, not a ten-year old engine.

Common Questions

Does a low emitting vehicle that runs on traditional fuel (gasoline or diesel fuel) qualify for this credit?

No. The low emitting vehicle operates on traditional fuel and therefore could not be distinguished from the same model of car.

Does the purchase of a vehicle that can operate solely on traditional fuel, but can also operate on alternative fuel at the owner's option, qualify for the alternative fuel vehicle credit?

No. A vehicle that can operate solely on traditional fuel does not qualify for the alternative fuel vehicle credit. A qualifying vehicle must:

- operate solely on the alternative fuel, or
- operate on alternative fuel and traditional fuel at the same time, or
- operate on alternative fuel some of the time and on traditional fuel some of the time.

Furthermore, the cost of a flex fuel or dual fuel vehicle is the same as the most similar vehicle that can operate exclusively on traditional fuel, which results in a credit of \$0 (e.g. most vehicles that can use E85 fuel or biodiesel).

Can a leased vehicle qualify for this credit?

Lessees of qualifying vehicles are eligible for the alternative fuel vehicle credit. The available credit is calculated by subtracting the value of the vehicle when the lease expires from the cost of the vehicle to the lessor at the time of the lease transaction (capitalized cost), and dividing that amount by the cost of the vehicle to the lessor at the time of the lease transaction. This percentage is then multiplied by the qualifying expenses to determine the amount of the expenditure that can be used in computing the amount of the credit. Only the lessor or lessee of the vehicle may claim the credit. If the vehicle is converted at the factory, the lessor has the option of claiming the credit or passing the right to claim the credit to the lessee. If the lessee converts the vehicle, then only the lessee may claim the credit.

Example: Becky leases a 2008 Honda Civic Hybrid valued at \$22,600. The vehicle will have a value of \$7,100 when the lease expires. The credit is computed as follows:

a. Value at time of lease	\$22,600
b. Value at end of lease	\$ 7,100
c. Line a minus Line b	\$15,500
d. Line c divided by Line a	68.58%
e. Full credit for vehicle	\$ 2,599
f. Credit available on lease line d times line e	\$ 1,782

See *Credits Available for Selected Common Vehicles* Charts in this FYI.

- Ford Escape Hybrid (2005, 2006, 2007, 2008, 2009, 2010)
- Ford Fusion Hybrid (2010)
- Honda Accord Hybrid (2005, 2006, 2007)
- Honda Civic GX (2004, 2005, 2006, 2007, 2008, 2009, 2010)
- Honda Civic Hybrid (2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010)
- Honda Insight (2002, 2003, 2004, 2005, 2006, 2010)
- Lexus RX 250h (2010)
- Lexus RX 400h Hybrid (2006, 2007, 2008, 2010)
- Lexus RX 450 (2010)
- Lexus LX RX 400h Hybrid (2008)
- Lexus GS 450h Hybrid (2007, 2008, 2009)
- Lexus LS 600h Hybrid (2008, 2009)
- Mercury Mariner Hybrid (2006, 2007, 2008, 2009, 2010)
- Mercury Milan Hybrid (2010)
- Toyota Camry Hybrid (2007, 2008, 2009, 2010)
- Toyota Highlander Hybrid (2006, 2007, 2008, 2009)
- Toyota Prius (2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010)
- Cadillac Escalade Hybrid (2009)
- Chevy Malibu Hybrid (2008, 2009)
- Chevy Silverado Hybrid (2009)
- Chevy Tahoe Hybrid (2008, 2009)
- GMC Sierra Hybrid (2009)
- GMC Yukon Hybrid (2008, 2009)
- Saturn Aura Hybrid (2008, 2009)
- Saturn Vue Hybrid (2008, 2009)
- Tesla Roadster (2008, 2010)
- Zap Zebra (2009)

2010 Electric Motorcycles/Electric Motorsport Bike

- GPR-S (2010)
- Extreme Green
- Rider EM72
- Zero Motorcycles
- Duel Sport

**ALTERNATIVE FUELS
REBATE-GOVERNMENTAL AND
CHARITABLE ORGANIZATIONS**

NOTE: See FYI General 20 for rebates resulting from costs incurred on or after July 1, 2009. The following information applies only to rebates resulting from costs incurred prior to July 1, 2009.

If the motor vehicle that qualifies for the alternative fuel vehicle credit is owned by the State of Colorado, a political subdivision of the state, or a tax exempt organization, and is used in connection with the official activities of the entity, the entity will be eligible for a rebate computed in the same manner as the credit that would have been calculated under the guidelines of the alternative fuel vehicle credit using the percentages in the chart on page 4. Each qualified entity is limited to \$350,000 per state fiscal year in total rebates paid. (§39-33-102, C.R.S.).

Qualified entities may apply for this rebate with the following forms:

- Alternative Fuels Rebate Instructions" (DR 0166)
- "Alternative Fuels Rebate Form" (DR 0167)

The percentage of the credit is determined by the tax year in which the costs are incurred:

- Tax year beginning prior to Jan. 1, 2006: 50%
- Tax year beginning prior to Jan. 1, 2009: 35%

Increased Credit

- 1) If 70% or more of the alternative fuel dispensed each year by the refueling facility is derived from a renewable energy source for ten years (certification must be provided upon request); and/or
- 2) If the refueling facility is generally accessible for use by persons in addition to the person claiming the credit,

The percentage of the credit will be multiplied by 1.25.

Limitations to the Credit

The credit claimed by a taxpayer is limited to \$400,000 in any consecutive five-year period for each refueling facility.

Alternative Fuels Rebate Chart		
Certification level	For costs incurred prior to July 1, 2006	For costs incurred on or after July 1, 2006, but prior to July 1, 2009
Low-emitting vehicle (LEV)	50%	25%
Ultra-low-emitting vehicle or Inherently-low-emitting vehicle (ULEV or ILEV)	75%	50%
Zero-emitting vehicle (ZEV or SULEV)	85%	75%

ALTERNATIVE FUEL REFUELING FACILITY CREDIT

For tax years beginning prior to January 1, 2011, Colorado income tax credits are available for the construction, reconstruction, or aquisition of an alternative fuel refueling facility that is directly attributable to the storage, compression, charging or dispensing of alternative fuels to motor vehicles. [§39-22-516(2.7), C.R.S.]

This credit cannot be claimed on a refueling facility, or on any equipment used in connection with that facility, if **any** taxpayer has ever claimed the alternative fuel refueling facility credit for that facility.

To the extent the allowable credit exceeds the tax liability, the excess may be carried forward for up to five years.

Common Questions

What percentage of the costs of a new facility will be eligible for the credit when the project includes a convenience store and traditional gas pumps?

Only the incremental costs of the alternative fuel distribution system will qualify for the credit. No portion of the cost of the convenience store and other fuel systems will qualify for the credit.

What costs qualify for the alternative fuel refueling facility credit when a facility for which a credit was previously claimed is updated and/or expanded?

None. The law does not allow a credit to be claimed on a facility for which the credit was previously claimed.

ENERGY CONSERVATION REBATE

Any expenses reimbursed by a rebate issued by the Office of Energy Conservation or any other entity will not qualify for the income tax credits or rebate described in this FYI.

***See charts on following pages for
"Credits Available for Selected
Common Vehicles"***

Credits Available for Selected Common Vehicles

The amount of the credit available has been computed based on a price comparison with the most similar vehicle using manufacturer and industry data.

Ford Escape Hybrid

2005 Ford Escape (Front Wheel Drive):
Incremental price difference \$3,245
Tax credit available \$ 2,758

2005 Ford Escape (Four Wheel Drive):
Incremental price difference \$3,290
Tax credit available \$2,797

2006 Ford Escape (Front Wheel Drive):
Incremental price difference \$3,325
Tax credit available \$ 2,826

2006 Ford Escape (Four Wheel Drive):
Incremental price difference \$3,360
Tax credit available \$2,856

2007 Ford Escape (Front Wheel Drive):
Incremental price difference \$2,285
Tax credit available \$ 1,942

2007 Ford Escape (Four Wheel Drive):
Incremental price difference \$2,320
Tax credit available \$1,972

2008 Ford Escape:
Incremental price difference \$4,020
Tax credit available \$3,417

2009 Ford Escape:
Incremental price difference \$4,595
Tax credit available \$3,906

2010 Ford Escape:
Incremental price difference \$5,695
Tax credit available \$4,840

Ford Fusion Hybrid

2010 Ford Fusion Hybrid:
Incremental price difference \$3,760
Tax credit available \$3,196

Honda Accord Hybrid

2005 Honda Accord:
Incremental price difference \$3,915
Tax credit available \$ 2,936

2006 Honda Accord:
Incremental price difference \$3,775
Tax credit available \$ 3,209

2007 Honda Accord:
Incremental price difference \$3,775
Tax credit available \$ 3,209

Honda Civic GX

2004 Honda Civic GX (Natural Gas):
Incremental price difference \$4,500
Tax credit available \$3,825

2005 Honda Civic GX (Natural Gas):
Incremental price difference \$4,500
Tax credit available \$ 3,825

2006 Honda Civic GX (Natural Gas):
Incremental price difference \$4,000
Tax credit available \$ 3,400

2007 Honda Civic GX (Natural Gas):
Incremental price difference \$6,830
Tax credit available \$ 5,806

2008 Honda Civic GX (Natural Gas):
Incremental price difference \$6,995
Tax credit available \$ 5,946

2009 Honda Civic GX (Natural Gas):
Incremental price difference \$7,100
Tax credit available \$ 6,035

2010 Honda Civic GX (Natural Gas):
Incremental price difference \$7,100
Tax credit available \$ 6,035

Honda Civic Hybrid

2003 Honda Civic (Automatic):
Incremental price difference \$3,215
Tax credit available \$2,411

2003 Honda Civic (Manual 5-speed):
Incremental price difference \$3,015
Tax credit available \$2,261

2004 Honda Civic (Automatic):
Incremental price difference \$3,440
Tax credit available \$2,580

2004 Honda Civic (Manual 5-speed):
Incremental price difference \$3,240
Tax credit available \$2,430

Chart continued on page 7 . . .

Credits Available for Selected Common Vehicles

The amount of the credit available has been computed based on a price comparison with the most similar vehicle using manufacturer and industry data.

Honda Civics (continued)

2005 Honda Civic (Automatic):
Incremental price difference \$3,075
Tax credit available \$ 2,306

2005 Honda Civic (Manual 5-speed):
Incremental price difference \$2,875
Tax credit available \$ 2,156

2006 Honda Civic:
Incremental price difference \$3,375
Tax credit available \$2,531

2007 Honda Civic:
Incremental price difference \$3,675
Tax credit available \$2,756

2008 Honda Civic:
Incremental price difference \$3,465
Tax credit available \$2,599

2009 Honda Civic:
Incremental price difference \$3,520
Tax credit available \$ 2,640

2010 Honda Civic:
Incremental price difference \$3,710
Tax credit available \$ 3,153

Honda Insight

2002 Honda Insight:
Incremental price difference \$3,970
Tax credit available \$3,375

2003 Honda Insight (Automatic):
Incremental price difference \$3,670
Tax credit available \$3,120

2003 Honda Insight (Manual 5-speed):
Incremental price difference \$3,470
Tax credit available \$2,603

2004 Honda Insight (Automatic):
Incremental price difference \$5,070
Tax credit available \$4,310

2004 Honda Insight (Manual 5-speed):
Incremental price difference \$5,070
Tax credit available \$3,803

Honda Insight (continued)

2005 Honda Insight (Automatic):
Incremental price difference \$5,545
Tax credit available \$4,713

2005 Honda Insight (Manual 5-speed):
Incremental price difference \$5,575
Tax credit available \$ 4,181

2006 Honda Insight (Automatic):
Incremental price difference \$5,220
Tax credit available \$4,437

2006 Honda Insight (Manual 5-speed):
Incremental price difference \$5,020
Tax credit available \$ 3,765

2010 Honda Insight
Incremental price difference \$3,480
Tax credit available \$ 2,958

Lexus HS 250h Hybrid

2010 HS 250h:
Incremental price difference \$1,630
Tax credit available \$ 1,386

Lexus GS 450h Hybrid

2007 GS 450h:
Incremental price difference \$7,590
Tax credit available \$ 6,452

2008 GS 450h:
Incremental price difference \$6,515
Tax credit available \$ 5,538

2009 GS 450h:
Incremental price difference \$7,625
Tax credit available \$ 6,481

Lexus LS 600h Hybrid

2008 LS 600h L:
Incremental price difference \$16,210
Tax credit available \$ 13,779

2009 LS 600h L:
Incremental price difference \$23,990
Tax credit available \$ 20,392

Chart continued on page 8 . . .

Credits Available for Selected Common Vehicles

The amount of the credit available has been computed based on a price comparison with the most similar vehicle using manufacturer and industry data.

Lexus RX 400h Hybrid

2006 Lexus RX 400h
(purchased prior to 11/1/05):
Incremental price difference \$4,395
Tax credit available \$ 3,736

2006 Lexus RX 400h:
(purchased on or after 11/1/05):
Incremental price difference \$4,050
Tax credit available \$ 3,443

2007 Lexus RX 400h:
Incremental price difference \$4,595
Tax credit available \$ 3,906

2008 Lexus LX RX 400h:
Incremental price difference \$3,780
Tax credit available \$ 3,213

Lexus RX 450h Hybrid

2010 Lexus RX 450h:
AWD
Incremental price difference \$4,350
Tax credit available \$ 3,698

FWD
Incremental price difference \$4,160
Tax credit available \$ 3,536

Mercury Mariner Hybrid

2006 Mercury Mariner:
Incremental price difference \$3,715
Tax credit available \$3,158

2007 Mercury Mariner:
Incremental price difference \$2,665
Tax credit available \$2,265

2008 Mercury Mariner:
Incremental price difference \$4,105
Tax credit available \$3,489

2009 Mercury Mariner:
Incremental price difference \$4,650
Tax credit available \$3,953

2010 Mercury Mariner:
Incremental price difference \$5,705
Tax credit available \$4,849

Mercury Milan Hybrid

2010 Milan:
Incremental price difference \$4,070
Tax credit available \$3,459

Toyota Camry Hybrid

2007 Toyota Camry:
Incremental price difference \$2,665
Tax credit available \$2,265

2008 Toyota Camry:
Incremental price difference \$2,322
Tax credit available \$1,974

2009 Toyota Camry:
Incremental price difference \$2,404
Tax credit available \$2,043

2010 Toyota Camry:
Incremental price difference \$2,084
Tax credit available \$1,771

Toyota Highlander Hybrid

2006 Toyota Highlander (Base Grade)
(purchased prior to 11/1/05):
Incremental price difference \$4,555
Tax credit available \$3,872

2006 Toyota Highlander (Limited Grade)
(purchased prior to 11/1/05):
Incremental price difference \$4,500
Tax credit available \$3,825

2006 Toyota Highlander (Base Grade)
(purchased on or after 11/1/05):
Incremental price difference \$4,305
Tax credit available \$3,659

2006 Toyota Highlander (Limited Grade)
(purchased on or after 11/1/05):
Incremental price difference \$4,220
Tax credit available \$3,587

2007 Toyota Highlander (Base Grade):
Incremental price difference \$4,525
Tax credit available \$3,846

2007 Toyota Highlander (Limited Grade):
Incremental price difference \$4,075
Tax credit available \$3,464

2008 Toyota Highlander (Base Grade):
Incremental price difference \$4,815
Tax credit available \$4,093

Continued on next page . . .

Credits Available for Selected Common Vehicles

The amount of the credit available has been computed based on a price comparison with the most similar vehicle using manufacturer and industry data.

2008 Toyota Highlander (Limited Grade):

Incremental price difference \$5,180

Tax credit available \$4,403

2009 Toyota Highlander:

Incremental price difference \$5,515

Tax credit available \$4,688

Toyota Prius

2001 Toyota Prius:

Incremental price difference \$4,172

Tax credit available \$3,546

2002 Toyota Prius:

Incremental price difference \$4,622

Tax credit available \$3,929

2003 Toyota Prius:

Incremental price difference \$3,612

Tax credit available \$3,070

2004 Toyota Prius:

Incremental price difference \$3,150

Tax credit available \$2,678

2005 Toyota Prius:

Incremental price difference \$4,040

Tax credit available \$ 3,434

2006 Toyota Prius:

Incremental price difference \$3,865

Tax credit available \$ 3,285

2007 Toyota Prius:

Incremental price difference \$3,545

Tax credit available \$ 3,013

2008 Toyota Prius (Base Grades):

Incremental price difference \$2,370

Tax credit available \$ 2,015

2008 Toyota Prius (Touring):

Incremental price difference \$3,654

Tax credit available \$ 3,106

2009 Toyota Prius:

Incremental price difference \$3,659

Tax credit available \$ 3,110

2010 Toyota Prius:

Incremental price difference \$2,880

Tax credit available \$ 2,448

Cadillac Escalade Hybrid

2009 Cadillac Escalade:

Incremental price difference \$10,930

Tax credit available \$ 5,465

Chevy Malibu Hybrid

2008 Chevy Malibu:

Incremental price difference \$2,710

Tax credit available \$ 1,355

2009 Chevy Malibu:

Incremental price difference \$3,145

Tax credit available \$ 1,573

Chevy Silverado Hybrid

2009 Chevy Silverado:

Incremental price difference \$5,495

Tax credit available \$ 2,748

Chevy Tahoe Hybrid

2008 Chevy Tahoe:

Incremental price difference \$7,720

Tax credit available \$ 3,860

2009 Chevy Tahoe:

Incremental price difference \$6,415

Tax credit available \$ 3,208

GMC Sierra Hybrid

2009 GMC Sierra:

Incremental price difference \$5,515

Tax credit available \$ 2,758

GMC Yukon Hybrid

2008 GMC Yukon:

Incremental price difference \$7,395

Tax credit available \$ 3,698

2009 GMC Yukon:

Incremental price difference \$5,775

Tax credit available \$ 2,888

Saturn Aura Hybrid

2008 Saturn Aura:

Incremental price difference \$3,415

Tax credit available \$ 1,708

2009 Saturn Aura:

Incremental price difference \$2,955

Tax credit available \$ 1,478

*Saturn and other vehicles
continued on page 10. . .*

Saturn Vue Hybrid

2008 Saturn Vue:
Incremental price difference \$3,325
Tax credit available \$ 1,663

2009 Saturn Vue:
Incremental price difference \$3,530
Tax credit available \$ 1,765

Tesla Roadster

2008 Tesla Roadster:
Incremental price difference \$45,667
Tax credit available \$ 38,816

No 2009 Tesla produced

2010 Tesla Roadster:
Incremental price difference \$49,510
Tax credit available \$42,083

2009 Zap Zebra

Incremental price difference \$ 5,334.00
Tax credit available \$ 4,534.00

FURTHER INFORMATION

FYIs, commonly used forms and additional tax information are available on the Web at *www.taxcolorado.com*

For additional Colorado income tax information visit the "Tax Information Index" which covers a variety of topics including links to forms, publications, regulations, statutes and general questions and answers. The "Tax Information Index" is located at *www.taxcolorado.com*

FYIs provide general information concerning a variety of Colorado tax topics in simple and straightforward language. Although the FYIs represent a good faith effort to provide accurate and complete tax information, the information is not binding on the Colorado Department of Revenue, nor does it replace, alter or supersede Colorado law and regulations. The Executive Director, who by statute is the only person having authority to bind the Department, has not formally reviewed and/or approved these FYIs.

OTHER VEHICLES

2010 Electric Motorcycles

Electric Motorsport Bike
2010 GPR-S:
Incremental price difference \$4,301
Tax credit available \$ 3,856 and
Incremental price difference \$9,776 with
AC motor and batter upgrade
Tax credit available \$ 8,310

Extreme Green

X-Rider EM72:
MSRP \$8,495
Incremental price difference \$4,296
Tax credit available \$ 3,652

Xtreme Green Scooter EM 40/60:
MSRP \$7,495
Incremental price difference \$3,296
Tax credit available \$2,802

Zero Motorcycles

Duel Sport: MSRP \$9,950
Incremental price difference \$5,751
Tax credit available \$4,888