



U.S. General Services Administration

Federal Acquisition Service

Center For Automotive Acquisition



Federal Acquisition Service

- GSA is a mandatory source under FPMR 101-26.501 that purchases new non-tactical vehicles for DOD, federal executive agencies and other eligible users.
- GSA Automotive purchases vehicles directly through the Original Equipment Manufacturers (OEM's) and their representative dealers.
- Visit www.gsa.gov/automotive for a listing of eligible users and to view the FPMR 101-26.501.



Types of Vehicles and Vehicle Related Products We Offer

- Alternative Fuel Vehicles (AFVs)
- Light Trucks (Include Pickup trucks, SUV's and Vans)
- Medium and Heavy Trucks
- Sedans
- Low Speed Vehicles





Federal Vehicle Standards

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The purpose of the Federal Vehicle Standards is to achieve a practical degree of standardization within the Federal Government's automotive fleet and to simplify competitive procurement of vehicles. The Standards establish various types and sizes of vehicles and general equipment requirements.



The following vehicles are covered by the Federal Vehicle Standards:

- Sedans and station wagons Federal Standard 122
- SUV's, light trucks Federal Standard 307
- Medium duty trucks Federal Standard 794
- Heavy duty trucks Federal Standard 807
- Buses Federal Standard 833
- Ambulances Federal Standard KKK-A-1822

www.gsa.gov/vehiclestandards



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AutoChoice

GSA Automotive's Online Vehicle Ordering Program

- Configure vehicles and choose equipment options
- Submit your vehicle orders online
- Check vehicle order status online
- View miles per gallon fuel ratings





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Use AutoChoice to order these vehicles:

- Alternative Fuel Vehicles (AFV's)
- Buses
- Light Trucks (Includes Pickup Trucks, SUV's and Vans)
- Medium and heavy trucks
- Sedans

To Order, Go To:

www.autochoice.gsa.gov

View the tutorial located on the AutoChoice web page to get started





Federal Acquisition Service

Ordering Cycles – Close Out Dates For AutoChoice Orders Only

<i>Vehicle Type</i>	<i>Ordering Window Opens</i>	<i>Ordering Window Closes</i>
Sedans, Station Wagons	October	May
Light Trucks	October	May
Ambulances	October	May
Light Trucks with Vocational Bodies	October	May
Medium and Heavy Trucks/Buses	October	June and July



Federal Acquisition Service

Express Desk

For Urgent and Compelling Vehicle Requirements

- GSA solicits competitive quotes from vehicle dealerships
- Vehicles delivered within 30 days or less
- Prices much higher than GSA AutoChoice contract prices
- **Justification** required
- Surcharge added to price (5%)
- Vehicles delivered to your location
- Fax your completed GSA Form 1781 (available at www.gsa.gov/automotive) and compelling **justification** to GSA at 703-605-9868.
- Before submitting Express Desk orders, call GSA on 703-605-CARS (2277) to discuss your request.





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Proposed FY09 Vehicles



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AFV- CNG Sedans

- Item 8N Honda Civic GX NGV



AFV HEV Sedans

- Item 9H GM Malibu
Ford Fusion





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AFV E85 Sedans

- **Item 9D** **Chrysler Avenger**
Ford Fusion
GM G6
- **Item 10B** **Ford Taurus**
GM Impala
- **Item 11B** **Ford Crown Vic**
- **Items 17,17C** **Ford Crown Vic**





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Coupes

- **Item 8E** **Ford Focus**
 GM Cobalt

- **Item 9E** **GM G6(w/E85)**
(moved from 10C)





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AFV E85 Compact SUVs

➤ **Item 98A** **GM HHR**





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AFV E85 Pick-Ups & SUVs

- E85 option is available on many items in AutoChoice





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AFV HEV Pick-Ups

- **4x2 Items 50H** **GM**
Silverado
- **4x4 Items 55H** **GM**
Silverado





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AFV HEV SUVs

- **Item 98H** **Ford Escape
GM Vue**
- **Item 98T** **GM Vue**
- **Item 99H** **Ford Escape
GM Vue**
- **Item 100H** **GM Tahoe**
- **Item 105H** **GM Tahoe**





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CUVS- Alternates to SUVs

➤ Items 91, 91B, 96, 96B

Ford Edge

Ford Flex

GM Torrent

GM Acadia

Chrysler Journey





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AFV E85 Passenger/Cargo Vans

- **Passenger Vans**
Items 20, 20B, 21, 21X
- **Cargo Vans**
- **Items 30, 31, 31X, 32**



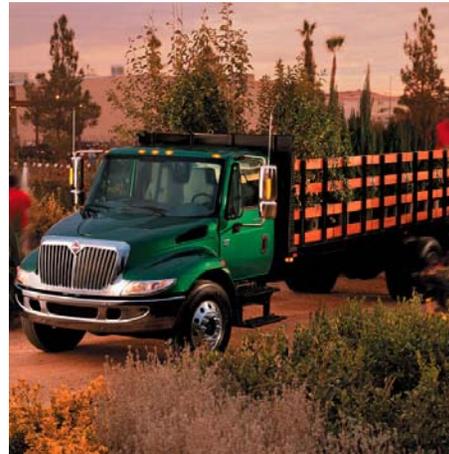


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AFV HEV Medium Trucks

Option Code (HEV) available on
4 EPA Act Credits for each HD Vehicle

- Cab Chassis Items 511, 513 – Navistar-IC
- Dump Trucks Items 541, 543 – Navistar-IC
- Refrigerator Trucks Items 581, 583 – Navistar-IC
- Stake Trucks Items 531, 533 – Navistar-IC
- Van Trucks Items 571, 573 – Navistar-IC





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AFV Propane Buses

- **Option Code EPF**
4 EPA Act Credits for HD Buses
320A, 321A, 320C, 321C, 322C,
330A and 332A from Blue Bird





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AFV HEV Buses

Option Code (HEV)

3 EPA Act Credits for MD Buses

4 EPA Act Credits for HD Buses

- (MD) Shuttle Item 342-Colonial Equipment-Startrans
- (HD) Shuttles Items 359 and 363-Capital Coach- Krystal
- (HD) Conv Buses Items 320A, 321A, 320C, 321C, 322C-
- IC Bus - International Truck and Engine





Federal Acquisition Service

Multiple Award Schedules (MAS)

MAS simplifies the ordering process by providing agencies access to Government-wide contracts with vendors for commercial vehicles and products. In accordance with FAR 8.404, you must solicit quotes from at least three schedule vendors. Vehicles available on MAS are not covered by the Federal Vehicle Standards.

With MAS, you can:

Order directly from vendors

- Use GSA Advantage to order online, or
- Use Schedules E-Library to access vendor contacts
- Place order through GSA with 1% surcharge

Visit our website to link to GSA Advantage and Schedules E-Library

www.gsa.gov/automotive





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Multiple Award Schedules

- **MAS 23V Cat 023-LSV**
 - Low Speed Vehicles
- **MAS 23V Cat 232-1**
 - Crane Trucks - HEV





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Customized Solutions – Grand Canyon





Customized Solutions – Grand Canyon

Prime- New Flyer of America

20 Low-Floor HD Shuttle Buses

4.5 million boarding annually

100% of bus fleet is now handi-cap accessible

100% of bus fleet now operates on CNG

GCNP earned 80 new EPAAct credits

Estimated emissions reductions:

- 18.5 tons/year of non-methane hydrocarbons

- 176 tons/year of nitrous oxides

- 10 tons/year of diesel particulate matter



Federal Acquisition Service

IDLE REDUCTION

	Average Hours One Vehicle Spends Idling Per Year	Total Number of Vehicles Idling	Total Annual Fuel Consumption for Idling (Gallons)	Percentage of the 20 Million Barrels a Day that are being used to Idle
Heavy Duty Trucks	2,142	2,984,008	5,292,437,180	7.250%
School Buses	181	412,539	74,669,583	0.102%
Light Duty	30	60,309,709	1,157,946,406	0.809%
Total All		64 Million	6.5 Billion	8.1%

US National Idling Analysis

courtesy of: makealeap.org



Reducing Fuel Consumption

- Idling an engine for more than 30 seconds uses 2/10 of gallon fuel.
- Idling a diesel engine does not warm it up.
- A diesel engine retains more heat longer when it is shut off instead of idling.
- Driving the vehicle is the only way to properly warm it up.
- Idling will cause a diesel to go into regeneration more frequently.
- Gasoline engines are not the solution.
- Auxiliary Power Units (APU).
- Auxiliary heating and cooling.
- Staging buses.



Reducing Fuel Consumption

- Implement and enforce Anti-Idling policies and cut your fuel consumption by **8% or more**.
- Frequently restarting your engine increases wear by \$10 per year.
- Anti-Idle timers have been standard on GSA buses since 2006.
- Diesel engines with High Horsepower improve fuel economy.
- Automated manual transmissions can improve fuel economy by **19%** and reduce vehicle acquisition cost.
- Alternative lighting saves fuel, reduces down time, and improves safety. LED lights increase visibility by 150%.
- Use the right tires for the job.



Reference Resources

- <http://www.fueleconomy.gov>
- <http://www.hybridcenter.org>
- <http://www.makealeap.org>
- <http://eere.energy.gov>
- <http://www.epa.gov/greenvehicles>
- <http://www.fueleconomy.gov>
- <http://www.safercar.gov>
- <http://www.gsa.gov/automotive>