

HEV Fleet Testing

Advanced Vehicle Testing Activities



2002 Toyota Prius

VIN #
JT2BK12U620041883

A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Fleet Performance

Description:

This vehicle was operated throughout the State of Arizona by Bank One of Arizona's courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well in intrastate courier routes, with typical high-speed round trips of 100 to 300 miles.

Major Operations & Maintenance Events:

- Overheated due to high external temperature @ 87,138 miles Cost: none
- Rack and pinion failed @ 106,153 miles Cost: Under Warranty
- Ignition lock immobilizer and keys replaced @ 126,689 Cost: \$469

Operating Cost:

- Purchase Cost: \$21,655 (2/02)*
- Kelly Used Vehicle Price: \$10,530 (11/05)
- Sale Price: \$13,500 (10/05)
- Maintenance Cost: \$0.02/mile
- Operating Cost: \$0.07/mile
- Total Ownership Cost: \$0.15/mile

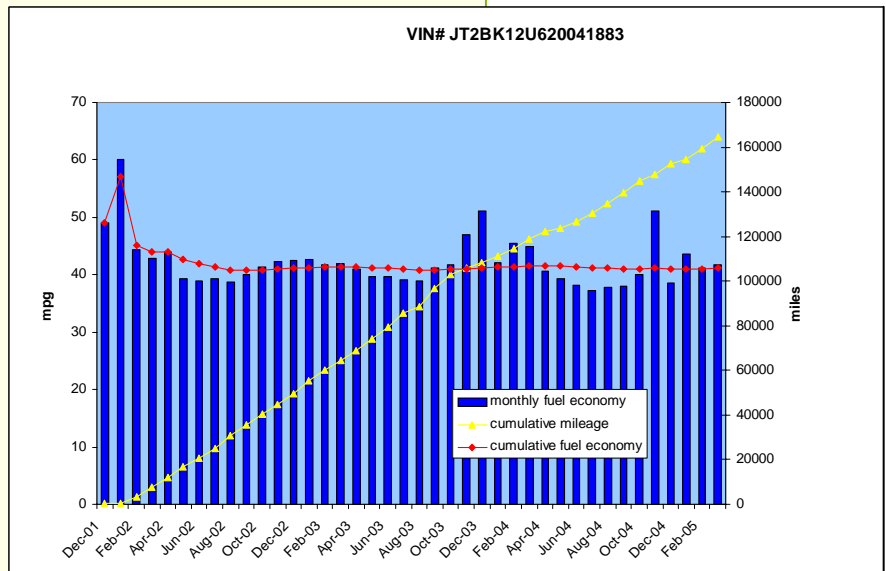
Operating Performance:

- Total miles driven: 164,687
- Cumulative MPG: 41.1

Vehicle Specifications

- Engine:** 4-cylinder, 52 kW @ 4000 rpm
- Electric Motor:** 33 kW
- Battery:** Nickel Metal Hydride
- Seatbelt Positions:** Five
- Payload:** 865 lbs
- Features:** Regenerative Braking
CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



For more information contact:
EERE Information Center
1-877-EERE-INF (1-877-337-3463)
www.eere.energy.gov

* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs. Gas figured at \$1.80/gallon.

