HEV Fleet Testing
Advanced Vehicle Testing Activities

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:
CVT transmission failed @ 99,102 miles
Cost: $2,500
Catalytic converter failed @ 100,715 miles
Cost: $1,164
Transmission failed @ 157,209 miles
Cost: $2,438

Operating Cost:
Purchase Cost: $23,174 (5/02)*
Kelly Used Vehicle Price: $12,065 (11/05)
Sale Price: $13,900 (10/05)
Maintenance Cost: $0.07/mile
Operating Cost: $0.07/mile
Total Ownership Cost: $0.20/mile

Operating Performance:
Total miles driven: 161,075
Cumulative MPG: 37.32

Vehicle Specifications

Engine: 4-cylinder, 70 kW @ 5700 rpm
Electric Motor: 10 kW
Battery: Nickel Metal Hydride
Seatbelt Positions: Five
Payload: 882 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.