

HEV Fleet Testing

Advanced Vehicle Testing Activities



2001 Honda Insight

VIN #
JHMZE14701T002688

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:

- Replaced CVT transmission and fuel injectors @ 77,054 miles Cost: \$3,500 (est. price)
- Replaced front wheel bearings @ 86,290 miles Cost: \$420 (est. price)
- Need new transmission, throttle position Sensor, front lower control arms, brake @ 145,902 miles Est. Cost: \$4,500

Operating Cost:

- Purchase Cost: \$21,170 (10/01)*
- Kelly Used Vehicle Price: Unknown
- Sale Price: Testing Complete
- Maintenance Cost: \$0.08/mile
- Operating Cost: \$0.07/mile
- Total Ownership Cost: \$0.29/mile

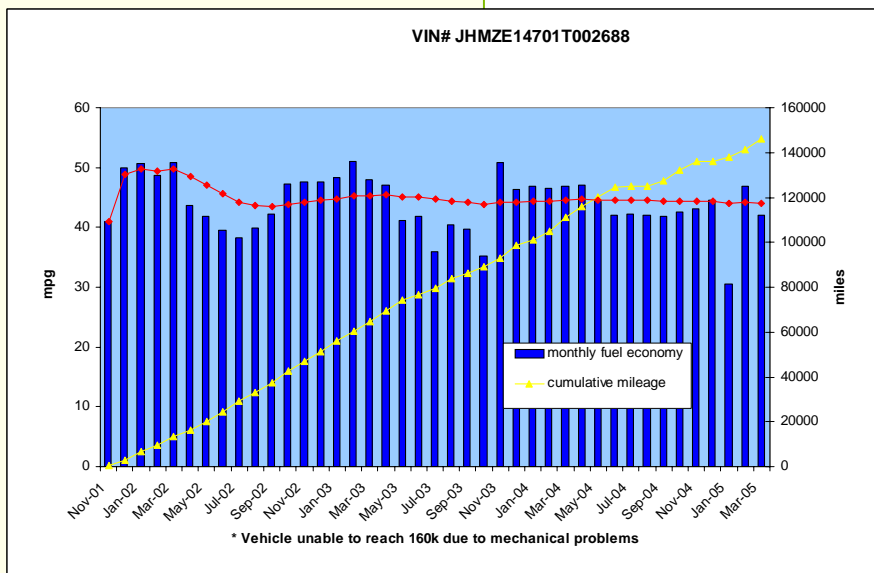
Operating Performance:

- Total miles driven: 145,902
- Cumulative MPG: 44.05

Vehicle Specifications

- Engine:** 3-cylinder, 48 kW @ 5700 rpm
- Electric Motor:** 10 kW
- Battery:** Nickel Metal Hydride
- Seatbelt Positions:** Two
- Payload:** 411 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

