

## HEV Fleet Testing Advanced Vehicle Testing Activities



### 2001 Honda Insight

VIN #  
JHMZE14731T002720



*Less dependence  
on Foreign oil,  
and eventual  
transition to an  
emissions-free,  
petroleum-free  
vehicle*

### Fleet Performance

#### Description:

This vehicle was operated out of the motor pool of the Grand Canyon Chapter of the American Red Cross. The majority of trips were for employee transportation in the Phoenix, Arizona metropolitan area using both surface streets and urban freeways. The vehicle was used infrequently for out of town travel, with typical travel distances of 100 to 300 round trip miles.

#### Major Operations & Maintenance Events:

None

#### Operating Cost:

Purchase Cost: \$22,887 (9/01)\*  
Kelly Used Vehicle Price: \$13,800 (2/03)  
Sale Price: \$12,800 (2/03)  
Maintenance Cost: \$0.02/mile  
Operating Cost: \$0.14/mile  
Total Ownership Cost: \$0.79/mile

#### Operating Performance:

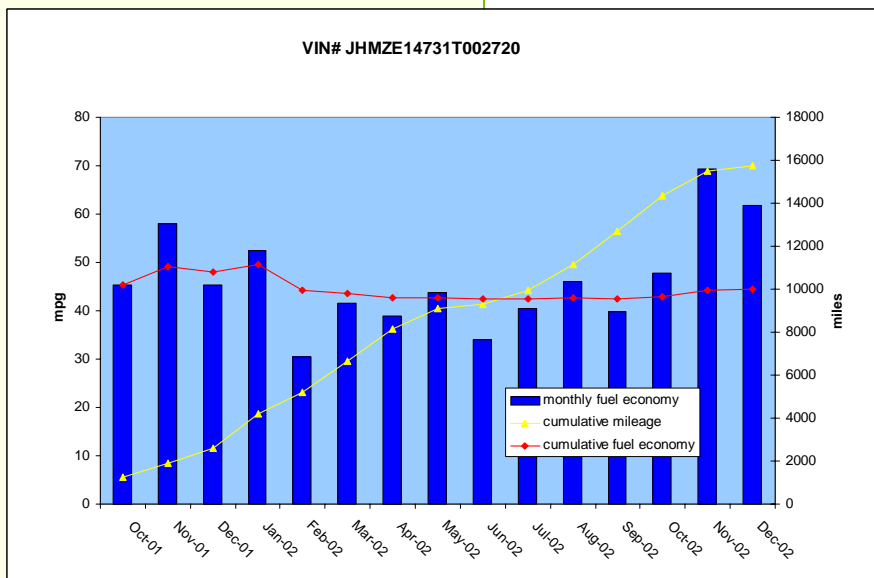
Total miles driven: 15,746  
Cumulative MPG: 44.38

\* 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.

### 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.



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**Energy Efficiency  
and Renewable Energy**