

Police Pursuit Vehicles – Ford Hybrid Models

Why Buy Hybrid?

Hybrid technology not only increases driving efficiency, but also enables some “idling” without running the engine. Hybrid technology has been proven over 20 years, and public agencies have hundreds of units on order already. (~ \$7,000 premium vs. standard)

Reduced GHG emissions

– Estimated ≈20,000 lbs of CO₂ per vehicle (PIU) per year

Reduced fuel costs, fueling labor costs

- Estimated ≈\$3,000 per vehicle (PIU) per year (@ \$2.50/gal)
- Estimated reduction of ≈1K gal gas, or ≈60 refueling trips per year

Reduced maintenance and repair costs

- Less engine hours + wear and tear = less service needed
- Estimated 10% reduction based on regular sedan comparisons

ROI of 1-2 years, based on fuel savings alone



Police Interceptor Utility

Number of Vehicles	60 vehicles
Miles/Vehicle Per Year	10,000 miles
Shifts Per Day	2 shifts
Idle Hours Per Shift	5.0 idle hour
Your Fuel Cost Per Gallon	\$2.50/gallon
Pounds of CO ₂ Saved [⊖]	1,192,339 lbs
Gallons of Fuel Saved [⊖]	67,440 gallons
Fuel Cost Savings [⊖]	\$168,600

Your Total Fleet

60

Vehicles

\$168,600

Total Potential Savings

1,192,339 [⊖]

Lbs of CO₂

Potential Yearly Savings Per Vehicle

1

Vehicles

\$2,810

Potential Savings

19,872 [⊖]

Lbs of CO₂