

Washington State Patrol



Ford Interceptor AWD Crossover SUV ~ Agency Transition ~

Joint Transportation Committee - May 14, 2014

Service With Humility





After more than 25 years of production, Ford discontinued the Crown Victoria Police Interceptor after the 2011 model.



Ford Crown Victoria Police Interceptor Sedan

Vehicle Platform Decision

- Researched available models (Chevrolet Caprice, Impala, Tahoe and Dodge Charger) including test driving available vehicles, cost studies, review of test results conducted by Michigan State Police and California Highway Patrol.



Chevrolet Caprice Sedan

- Chevrolet Caprice rear wheel drive sedan selected.
 - * 324 Caprice vehicles were purchased *

At the time, the Ford Interceptor Sedan and Ford Interceptor AWD SUV were not available, and the Ford Taurus Sedan and the Ford Explorer did not offer a police pursuit package.



Chevrolet Caprice Issues

- The Caprice is a police vehicle that is not sold to the public. Parts are often difficult to obtain and tend to be more expensive.
- The Caprice is made in Australia and shipped to the United States. There have been issues with ship transport delays and holds placed by U.S. Customs. By contract, the delivery time is 180 days or less. General Motors exceeded that in every order, sometimes by months. Several orders were delayed so long that we did not receive the vehicles (44 vehicles) before the end of the biennium. Nearly \$1.3 million in vehicle funding was lost - required re-appropriation in 2014 Supplemental Budget.
- At least 30% of the 324 Caprices received had water leaks and according to repair personnel, more would occur. Repairs were covered under warranty but vehicles had to be transported to an alternative location.
- The cost of some maintenance and repairs increased with the Caprice platform.

EXAMPLES: Caprice requires 8 quarts of DEXOS1 synthetic blend oil at \$4.18 per quart.
Ford SUV requires 6 quarts of SAE oil at \$2.41 per quart.
Caprice headlight assembly (one) - our cost \$938
Ford SUV headlight assembly (one) - \$550.



Ford Interceptor AWD Crossover SUV

- The Ford Interceptor SUV is more versatile than the Caprice. With a few exceptions, all troopers fit in the Ford Interceptor SUV - many of our larger troopers do not fit comfortably in the Caprice.
- Improved prisoner seating space and accessibility.
- All wheel drive enhances officer safety and response capabilities - particularly those troopers assigned to mountain passes and beach locations.
- Additional cargo space for specialized equipment .
- Larger SUVs such as Expeditions and Excursions will be phased out by Fleet.
- By contract, the delivery time for the Ford Interceptor is 120 days or less.
- Historically, the surplus sale return on AWD and 4WD SUVs are more than twice what we get for sedans.





Costs

- The total cost (fully outfitted) of the Ford Interceptor SUV is \$1,189 more than the Caprice.

Vehicle Model	Base Cost	Dealer Added Parts	Sales Tax	WSP Added Parts	Total Costs
Caprice	\$26,030	\$1,448	\$2,280	\$7,703	\$37,461
Ford SUV	\$26,587	\$1,320	\$2,316	\$8,427	\$38,650

Fiscal Implications

- Line pursuit vehicle purchases over the last three years have averaged 166 vehicles per year. Assuming that trend continues, we would pay \$394,748 in additional costs per biennium for the Fords compared to the Caprices.
- We have not had Ford SUVs long enough to look at maintenance trends but we expect maintenance costs will be lower.
- Projected to get a return of over \$500,000 this biennium from vehicle surplus sales. Once we get to the point where Ford SUVs reach the end of their lifecycle, the vehicle sales return is projected to be over \$1,000,000 per biennium. This will offset the initial purchase cost increase.
- Fuel consumption/costs are nearly identical for both vehicle platforms.

Vehicle Model	EPA – City	EPA – Highway	EPA – Combined
Caprice	15 mpg	24 mpg	18 mpg
Ford SUV	16 mpg	21 mpg	18 mpg

- Both vehicle platforms have a three-year 36,000 mile factory warranty and a five-year 100,000 mile warranty on the power train.

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Questions?

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