

Memorandum



Date: 05/05/2017

TO: Chief Travis Forbes (via the Chain)

FROM: Captain Don Frizzell *DF*

Re: Police Motors

The current Police Motors (Victory Commander 1) have run their life cycle and are due for replacement. Over the past year the cost associated for maintenance on these motorcycles has risen noticeably. The Victory Commander 1's are no longer in production and therefore, are not an option for replacement. The Victory motorcycle line is no longer in production.

After a thorough review of the current police motors available to law enforcement in the Midwest to include factory demonstrations and test rides...the majority of LSPD motor officers found the BMW to be best suited for traffic related policing.

Current studies show the BMW to have better acceleration and braking abilities than other police motors (see attached). LSPD officers conduct enforcement in heavily traveled roadways in our city to include the Interstate and braking is a huge consideration for their safety. The BMW also offers a shorter wheelbase allowing more maneuverability for the officers on the roadways and it is significantly lighter than other police motors weighing in at only 650 pounds, as compared to Harley Davidson's 800 pound offerer. BMW also provides a 36 month or 60,000 miles, (whatever comes first) warranty.

The BMW police motor is built specifically for police operations, which is greatly different from other manufacture's attempts to add police equipment to a current model already in production. Having a police motor built specifically for police operations is a great improvement over modifying a current production motorcycle. The BMW is basically plug and play without the need for totally outfitting the bike for police operations.

The following are a just a few additional reasons that improve overall safety for motor officers and ease of operation:

- State-of- the-art emergency light system with wig-wag headlight, alley & take down lights
- Better fuel economy based on studies
- Standard emergency light, siren PTT & PTPA handlebar switches
- Twin-speaker 120dB electronic siren system
- Electronic cruise control operational even at parade speeds
- Air / water-cooled engine, transmission and drive line
- Easy-access multi-plate self-energizing wet clutch
- Rear and side facing emergency lights

- ABS Traction Control
- Narrower frame and longer seat for rider comfort

The BMW police motor truly has too many "standard" options to mention that are specific to policing. A full list of the standard features is attached for review.

Cost Analysis:

Item	BMW	Harley Davidson
Base Motorcycle	\$24,347.44	\$16,345.00
Installation of equipment radio, lights, siren, etc.	\$0.00	\$15,896.00
Total	\$24,347.44	32,241.00