



D³EA[®] PPSV[®]

Certification of Replacement Brake Pads and Rotors

D³EA PPSV (Police and Public Service Vehicle) Certification is the only voluntary, objective and completely independent validation process for replacement brake friction materials and rotors that provides a basis for maintaining compliance with new vehicle Federal Motor Vehicle Safety Standards (FMVSS) requirements. PPSV Certification captures the critical system level performance characteristics of police and other emergency service vehicles and has established performance requirements that may surpass those imposed by Original Equipment Manufacturers (OEM's).

Based upon leading edge laboratory test technology and data analysis, PPSV Certification utilizes independently administered, state of the art dual-end brake dynamometer testing conducted by Greening Testing Laboratories, Inc. (GTL) of Detroit, MI. PPSV Certified replacement brake friction parts are validated in matched sets (front brake and rear brake parts are tested together) and meet or exceed performance requirements based on Federal Standards for new vehicles.

"Speed Rated" PPSV products have been subjected to both the high speed performance requirements of FMVSS 135, and a new high-speed dual-end dynamometer evaluation replicating the vehicle testing sequence utilized by the Los Angeles County Sheriff's Department (LASD). The LASD test sequence replicates the high speed braking events used in new vehicle evaluations and features both time and distance controlled sequencing. Replacement brake parts bearing the "Speed Rated" PPSV seal have met stringent, objective requirements for effectiveness, fluid displacement and service brake pedal force gain (pedal force and pedal travel) while being exposed to operating temperatures exceeding 800°C (1470°F).

Nothing is more critical than the braking performance of emergency vehicles. To assure these systems perform properly, look for the D³EA PPSV Certified Seal when servicing your patrol or public service vehicle. For additional information, please contact Greening by email at PPSV@greeninginc.com.



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D³EA[®] PPSV[®] Frequently Asked Questions

1. **What does PPSV mean to the consumer?**

D³EA PPSV Certified brake pads and rotors have been independently tested to assure their performance is consistent with the vehicle braking requirements stipulated by FMVSS for new motor vehicles. No other laboratory based process provides this level of confirmation.

2. **What sets D³EA PPSV Certification apart?**

By judging the replacement brake pad or rotor performance as an element of a braking system and not simply as individual parts, D³EA has been shown to correlate with whole vehicle testing to within 4% across a wide range of vehicles. No other laboratory-based process can match this level of accuracy.

3. **How is “Speed Rated” PPSV Certification different?**

Speed Rated PPSV parts have met high-speed pursuit performance requirements styled after the Los Angeles County Sheriff's Department (LASD) police vehicle evaluation testing in addition to those consistent with FMVSS 135.

4. **Why should PPSV Certification be important to me?**

PPSV Certified rotors and pads provide a credible, cost effective alternative to OEM replacement parts. Additionally, PPSV requirements often exceed those imposed by new vehicle manufacturers for vehicles validated for police and public service use.

5. **What vehicle replacement brake pads and rotors are currently covered by PPSV Certification?**

PPSV Certification is available for brake pads and rotors to fit the following service rated vehicles:

2006-08 Chevrolet Impala, 2000-2002 Chevrolet Impala, 2007-08 Chevrolet Tahoe, 1998-2000 Chevrolet Tahoe, 1998-2002 Chevrolet Camaro, 1994-1996 Chevrolet Caprice Police, 2006-08 Dodge Charger, 2006-08 Ford Police Interceptor, 1998-2002 Ford Police Interceptor, 1995-2002 Ford Mustang



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