

Department of Consumer Affairs
Bureau of Automotive Repair

Lamp & Brake Inspection Handbooks

Ed VanMil, Engineering and Research Branch

BAR Regulatory Workshop

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Lamp Considerations

- Last update took place in 2006
- New lamp technologies
 - HID lighting
 - LED lighting
 - Directed lighting
- New inspection technologies
 - Laser aiming devices
 - Optical aiming devices
 - Vehicle integrity regarding lamp mounting – salvage vehicles

Brake Considerations

- Last update took place in 2006
- New brake technologies
 - ABS
 - Active braking
 - Automatic braking
 - Electronic Stability Systems (roll control)
- New inspection procedures
 - Vehicle integrity – salvage vehicles

Brake and Lamp Consultants

- BAR consulted with:
 - Subject Matter Experts
 - California Highway Patrol – passenger and commercial vehicle units
 - Department of Motor Vehicles
 - Specialty Equipment Market Association (SEMA)
 - National Highway Traffic Safety Administration
 - Federal Motor Vehicle Safety Standards

Lamp Inspection Handbook Changes

- Removed old images from handbook
- Inspection process now includes current technologies
- Added inspection detail (lamp lens, lamp mounting, DOT symbol or FMVSS symbol etc)
- Added sections for SPCNS vehicles (kit cars) and clearing citations from law enforcement

Brake Inspection Handbook Changes

- Removed old images
- Inspection process now includes current technologies
- Added inspection details (ABS warning lamp, vehicle integrity, structural components)
- Improved description of brake components to be inspected on commercial vehicles
 - (*=>18,000 GVWR*)
- Added sections for SPCNS vehicles (kit cars) and clearing citations from law enforcement

Questions and Comments

Submit additional questions and/or comments to:

Ed VanMil

Bureau of Automotive Repair

10949 N. Mather Boulevard

Rancho Cordova, CA 95670

Phone: 916-403-0225

Email: Ed.VanMil@dca.ca.gov