



FIX-N-FAX

Equipment Standard

Number 19

Mandatory Compliance

Revised: May 2009

VEHICLE MARKING POLICY

All CAL FIRE mobile equipment shall be identified with the appropriate markings as outlined in this FIX-N-FAX. The intent is to ensure quick and accurate public identification and uniformity of appearance.

Differences in vehicle types, makes, and models provide challenges to uniform interpretation of vehicle marking standards. It is understood that it is impossible to place every element of the CAL FIRE graphics packages in precisely the same location when dealing with the wide variety of equipment in the CAL FIRE fleet. The Deputy Director of Fire Protection shall approve the marking scheme for each new vehicle type, make, and model.

Photographs of approved marking schemes of each new vehicle type will be provided to each Unit and Region Fleet Manager. When a vehicle style creates a difference between written policy and photos, follow the photos.

Whenever possible, vehicles will be completely marked before release from the Davis Equipment Facility. Fleet Managers will be responsible for providing, through proper channels, the radio number to be placed on the vehicle.

Support or pool vehicles routinely driven by or assigned to non-uniformed employees will only be marked with the basic departmental vehicle identification package and the appropriate size door shield. All other department owned vehicles shall be marked with the complete CAL FIRE graphics package.

CAL FIRE employees with the rank of Unit Chief and above, with permission from the Deputy Director of Fire Protection, or employees meeting the criteria outlined in the Law Enforcement Procedures Handbook, Section 9471.2 may operate assigned vehicles without the Cal Fire graphics package or agency door shield.

Exceptions to the marking policy **MUST** be approved by the Deputy Director for Fire Protection.

For clarification and questions, contact the local Unit Fleet Manager.

STRIPING, LETTERING, AND NUMBERING

Reflective striping, lettering, door shields and radio numbers will be installed according to examples in the photographs for that respective vehicle type, make, and/or model. In most cases, depending on body configuration, fire engines, ECT's, transports, helitenders and other large vehicles in will have 6-inch stripes, letters, and numbers following NFPA 1901 guidelines. All other vehicles will have 4-inch stripes, letters and numbers. Exceptions are:

1. Emergency Crew Transports are covered by this policy with the following additions; a third CAL FIRE door shield shall be centered on the upper third quadrant of the left rear tool compartment door. The CDCR shield shall be centered on the upper third quadrant of the right rear tool compartment door.
2. Bulldozers will be marked with 6-inch red reflective radio numbers on both sides and rear, and if space permits, the CAL FIRE topographic logo shall be on the rear of the machine. Appropriate sized Cal Fire door shields shall be on each side, and black four digit radio numbers shall be installed on the cab roof.

Helvetica medium font or fonts of equal proportions will be used for all lettering and numbering. Stripes, letters, and numbers will be either red reflective against white background, or white reflective against red background. Stripes will generally be installed horizontally and level on each side, and across the rear of the vehicle.

The CAL FIRE typographic logo shall be Arial Black Italic 100%. Engines, ECT's and all red vehicles shall be white reflective with a black outline and drop shadow, and red reflective with a black outline and drop shadow on white vehicles.

The sizes for the CAL FIRE topographic logo shall be as follows;

1. Light Vehicles; 4" sides and rear, in some instances depending on vehicle configuration, it may be necessary to use 3" CAL FIRE logos.
2. Engines; 6" or 7" on the sides depending on compartment door size and configuration and 4" or 6" on the rear.
3. ECT's; 11" on the sides and 6" on the rear crew door.

Note: Depending on vehicle or compartment design, it may be necessary to apply the CAL FIRE logo in an inline configuration.

EXISTING VEHICLES MARKED WITH CDF GRAPHICS NEEDING REPLACEMENT

Vehicle markings including striping, lettering and door shields need to be replaced occasionally due to damage, wear and/or fading. In these instances, the transition to the CAL FIRE identifiers is approved.

For those vehicles marked with the CDF FIRE graphics package that need a CAL FIRE door shield set installed as a result of damage, wear and/or fading, the following guidelines are to be followed:

Remove the worn decals from the doors using approved methods (non marking rubber erasures, adhesive removal, etc). Install the new CAL FIRE door shields in the same

position as previous. Remove the letters CDF FIRE from the sides and rear of the vehicle and replace those letters with the black drop shadow inline *CAL FIRE*.

It will be necessary to alter the opening where the CDF FIRE was located by carefully cutting the existing 4" stripe diagonally to match the angle of the *CAL FIRE*. Once complete, the remarking shall reflect the name CAL FIRE in all striping and door shields.

Replacing worn CDF FIRE door shields with only the CAL FIRE door shield on ECT's and CCV's that have the CDF FIRE graphics package is authorized. Due to the potential for serious damage to the paint, retro fitting a CCV or ECT to the CAL FIRE graphics package is not recommended.

CAL FIRE DOOR SHIELD

Sedans, pick-ups, dozer tenders and small utility vehicles will have a 9 X 12 inch reflective CAL FIRE door shield on each front door. Engines, ECT's, Transports and other large vehicles will have the 11 X 14 inch reflective CAL FIRE door shield on each front side door. Decals will be centered in the stripe.

The CAL FIRE shield is to be installed in the center of the front doors, at a height that places the seal in the most conspicuous position to the viewer. With the exception of Emergency Crew Transports, MKU's and enclosed utility trailers, no more than two (2) seals will be installed on a single piece of equipment, nor shall they be installed on the front portion of a vehicle.

MOTOR CARRIER NUMBER (CA-90002)

Regulated vehicles, (3-axle vehicles, vehicles transporting people, or carrying hazardous material) will have the agency motor carrier number posted on the center lower edge of the driver and front passenger doors, 1/2" above lower edge of the door. The characters will be of black, reflective material, 2-inches high with a 3/8" stroke width.

ROOF TOP RADIO IDENTIFIERS

All roof top identifiers shall be black on a white roof and be comprised of the four digit radio identifier, and are to be of a size and at a location which would be the most conspicuous to the viewer, depending on available space. The intention of these roof top numbers is to provide identification from aerial vantage points. Markings shall maximize the available space on the top of the vehicle, usually the cab or appropriate buildup, camper shell etc.

Roof top radio numbers may be installed on support vehicles if space is available, but is mandatory on fire engines, bulldozers, transports and ECT's. ECT's shall be identified with the three-letter camp designator and crew number. The roof top radio number on fire engines and ECT's shall be a maximum of 30 inches tall, Helvetica Medium Font or equal.

ADDITIONAL MARKINGS

Prior approval of the Deputy Director, Fire Protection, is required before additional decal type graphics, e.g. bumper or window stickers can be placed on a CAL FIRE vehicle.

FIRST AID EMBLEM

On engines and crew transports, a 3-inch Blue Star of Life Emblem shall be installed on the compartment containing first aid medical supplies.

CARGO MARKINGS

Dozer tender cargo fuel tank will have the word "FLAMMABLE" (the common name of the fuel in the cargo tank), and the tank capacity marked in 2-inch red letters on a white background.

PLACARDS

Hazardous Material Placards shall be displayed as required by law and be visible on both left and right sides, including the front and rear of Helitenders, and all other vehicles hauling hazardous materials.

MUD FLAPS

Mud flaps (where so equipped) will be heavy-duty plain black fabric.

MATERIAL SPECIFICATIONS

3M Brand Scotchlite 680 series

- 680-72 Red Reflective
- 680-10 White Reflective
- Hi-Performance Non-Reflective Black

CAL FIRE Door Shields and Topographic Logos are available from the following;

- Davis Equipment Facility
- Valley View Camp Sign Shop
- Norco Camp Sign Shop

Striping material, numbers & lettering are available from the following;

- Delta Camp Sign Shop
- Valley View Camp Sign Shop
- Norco Camp Sign Shop

VEHICLE MARKING PHOTOS

Click on the link below to open the attached photo file of approved CAL FIRE vehicle marking Schemes. These photos are to be used as a general reference to ensure a visual uniform interpretation for standard CAL FIRE vehicle identification.

[\(Fix-n-Fax #19 Photo File\)](#)