Emerging Vehicle Issues
Unconventional Vehicle Working Group

AAMVA Workshop and Law Institute
March 14th, 2012.

Presenter: Mark Francis – British Columbia
Presentation Outline

• Working Group Purpose & Members
• Past Initiatives
• Electric Vehicle Conversions
• Non-Compliant Vehicles - Survey Results
• Next Steps
• Discussion & Questions
Homemade
2002 Ford/1985 Bayliner

AAMVA Official Use Only
The Wooden Car
Working Group Purpose

• Review the problems associated with enforcement and regulation of unconventional vehicles,

• Identify and develop strategies, policies, and best practices,

• Assist member jurisdictions in dealing with these types of vehicles in a uniform and consistent manner.
### Working Group Members

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>Chair</td>
<td>Mark Francis</td>
<td>BC</td>
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<tr>
<td>Craig Root</td>
<td>Craig Root</td>
<td>CA</td>
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<tr>
<td>Denis Boissonault</td>
<td>Denis Boissonault</td>
<td>AB</td>
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<tr>
<td>Douglas Hooper</td>
<td>Douglas Hooper</td>
<td>GA</td>
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<tr>
<td>Lori Bowman</td>
<td>Lori Bowman</td>
<td>OR</td>
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<tr>
<td>Shelly Mellott</td>
<td>Shelly Mellott</td>
<td>AK</td>
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<tr>
<td>Monica Blackwell</td>
<td>Monica Blackwell</td>
<td>TX</td>
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<tr>
<td>Paul Nilsen</td>
<td>Paul Nilsen</td>
<td>WI</td>
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<tr>
<td>Rob Termuende</td>
<td>Rob Termuende</td>
<td>BC</td>
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<tr>
<td>Harold Blaney</td>
<td>Harold Blaney</td>
<td>QC</td>
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<td>Scott Clapper</td>
<td>Scott Clapper</td>
<td>DE</td>
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<td>Heather Gorman</td>
<td>Heather Gorman</td>
<td>NB</td>
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<tr>
<td>Casey Garber</td>
<td>Casey Garber</td>
<td>MO</td>
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<tr>
<td>Eric Alsvan</td>
<td>Eric Alsvan</td>
<td>PA</td>
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<tr>
<td>Sgt. Ken Roberts</td>
<td>Sgt. Ken Roberts</td>
<td>CA</td>
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<td>Cathie Curtis</td>
<td>Cathie Curtis</td>
<td>AAMVA</td>
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<tr>
<td>Denise Hanchulak</td>
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<td>AAMVA</td>
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Working Group Past Initiatives

- Pocket Bikes and Scooters
Working Group Past Initiatives

• Mini Trucks / Right Hand Drive Vehicles
  • Best Practices - 2011
Working Group Current Initiatives

- Electric Vehicle Conversions: Vehicles that have been converted from gasoline power to electric power.
- Non-Compliant Vehicles: Rebuilt, reconstructed, homemade and re-bodied vehicles.
Electric Vehicle Conversions

• More electric vehicles on highways due to high fuel costs and environmental concerns.

• Inconsistent (or no) standards for inspection, titling and registration of converted electric vehicles.

• Working group is preparing a survey to distribute to AAMVA Members.
Electric Vehicle Conversion Issues

• A lack of clear and consistent standards for registration, regulation and safety enforcement.

• Electric vehicles pose new risks for passengers and accident responders.

• Concerns have also been raised regarding the safety of visually impaired pedestrians.
# Non-Compliant Vehicle Survey

<table>
<thead>
<tr>
<th>REBUILT</th>
<th>RECONSTRUCTED</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Rebuilt Vehicle" /></td>
<td><img src="image2.png" alt="Reconstructed Vehicle" /></td>
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<table>
<thead>
<tr>
<th>SPECIALLY CONSTRUCTED</th>
<th>REBODIED</th>
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<tbody>
<tr>
<td><img src="image3.png" alt="Specially Constructed Vehicle" /></td>
<td><img src="image4.png" alt="Rebodied Vehicle" /></td>
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Q1: Pre-Titling Requirements (Inspections)
Q1: Pre-Titling Requirements (Documentation)

- Original title/registration
- Bills of sale/receipts for major component parts
- Certificate to establish the vehicle weight
- Manufacturer's Certificate/Statement of Origin for new major components
- Proof of manufacturer licensing for new body or major components
Q1: Pre-Titling Requirements (Emissions Testing)
Q2: How make/model is captured the Vehicle Registry

Make/model of the previously registered vehicle or major component

Make/model that completed vehicle resembles
Q3: Model Year in Registry

- **Model year of the previously registered vehicle or major component**
- **Model year of the production model the vehicle most closely resembles**
- **Model year same as year the vehicle passed inspection**
- **Model year that vehicle is registered**
Next Steps

• Non-Compliant Vehicles
  – Further Analysis of Survey Results Required
    • Purpose of Face to Face meeting
  – Best Practices beginning 2012…

• Electric Vehicle Conversions
  – Create and distribute Survey
  – Best Practices?

• Ongoing compliance and safety initiatives…
“World’s Fastest Mobility Scooter”
The Detachable RV?
Questions, Suggests, or Comments?

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