**INFORMATION FOR FIRST AND SECOND RESPONDERS**

**RESCUE AND TRAINING MANUAL VEHICLE**

**NAME VEHICLE**

**TYPE OF VEHICLE**



EXAMPLE

Version ../../.. ENG

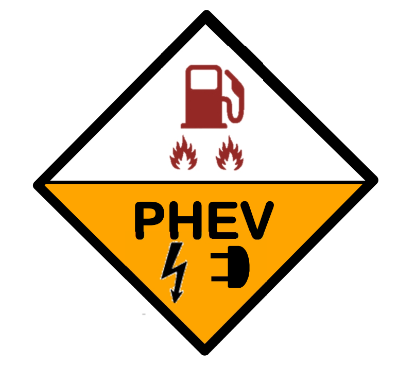
**INFORMATION FOR FIRST AND SECOND RESPONDERS**

**RESCUE AND TRAINING MANUAL VEHICLE**

**NAME VEHICLE**

**TYPE OF VEHICLE**

DRIVE LINE SIGNS (EXAMPLE) TYPE OF BATTERY(EXAMPLE)



**CONTENT**

|  |
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| 1. **Recognition/type/fuel Page …** |

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| 1. **Structure/overview important vehicle parts/access to them Page …** |

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| 1. **Disable direct hazards/safety regulations/ PPE Page …** |

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| 1. **Access to the occupants Page …** |

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| 1. **Dangers/contents stored liquids/gasses/solids/ PPE Page …** |

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| 1. **Dangers in case of fire/safety regulations/PPE Page …** |

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| 1. **Dangers in case of water submersion/safety regulations/PPE Page …** |

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| 1. **Guidelines concerning immobilisation/stabilisation/lifting Page …** |

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| 1. **Information for towing-services Page …** |

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| **10.Explanation used symbols Page …** |

Note:

**First responders**: Fire Fighters, Police, Medical personal, EMT

**Second responders**: Towing and maintenance personnel

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| LOGO  Manufacturer  LOGO  Manufacturer  BRAND/TYPE | |
| **Manufacturer:** XXX Info in case of emergency: **XXX** | Version: **XXX** |
| Recognition/type/fuel | |
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| Structure/overview important vehicle parts/access to them | |
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| Disable direct hazards/safety regulations/ PPE | |
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| Access to the occupants | |
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| 5. Dangers/contents stored liquids/gasses/solids/ PPE | |
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| Dangers in case of fire/safety regulations/PPE | |
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| Dangers in case of water submersion/safety regulations/PPE | |
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| Guidelines concerning immobilisation/stabilisation/lifting | |
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| Information for towing-services | |
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| 10. Explanation used symbols | |
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| **Author: XXX**  **Sources: XXX**  *Template “to be filled in” made by CTIF Commission for Extrication and New Technology.*  *Designer Kurt Vollmacher project leader.*  *Copyright protected* |

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| **10. Explanation used symbols** |

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| **Important: only mention the used symbols and drive line in these list!**  **Remove also the details: E.G: ISO/DIS 17840, Blue R/G/B: 77/77/255, Red R/G/B: 255/0/0** | |
|  | **Airbag** *ISO/DIS 17840*  Blue R/G/B: 77/77/255  Red R/G/B: 255/0/0 |
|  | **Automatic rollover protection system** *ISO/DIS 17840*  Red R/G/B: 255/0/0  Lime R/G/B: 0/255/0  Black |
|  | **Seat belt pretensioner** *ISO/DIS 17840*  Purple R/G/B: 152/43/143  Red R/G/B: 255/0/0 |
|  | **Stored gas inflator** *ISO/DIS 17840*  Blue R/G/B: 77/77/255  Red R/G/B: 255/0/0  Black |
|  | **Pedestrian protection active system** *ISO/DIS 17840*  Red R/G/B: 255/0/0  Black |
|  | **Gas strut**  **Preloaded spring** *ISO/DIS 17840*  Red R/G/B: 255/0/0  Lime R/G/B: 0/255/0  Black |
|  | **High strength zone** *ISO/DIS 17840*  Sea Green R/G/B: 22/124/199.  Black |

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|  | **Zone requiring special attention** *ISO/DIS 17840* |
|  | **Right hand drive** *ISO/DIS 17840*  White  Black  Blue R/G/B: 0/112/192 |
|  | **Left hand drive***ISO/DIS 17840*    White  Black  Blue R/G/B: 0/112/192 |
|  | **Battery low voltage**  *ISO/DIS 17840*  Yellow R/G/B: 255/255/0  Black |
|  | **SRS control unit** *ISO/DIS 17840*  Yellow R/G/B: 255/255/0  Black |
|  | **Ultra capacitor low voltage**  *ISO/DIS 17840*  Yellow R/G/B: 255/255/0  Black |
| C:\Users\Vollmaku\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\BAHMEG9X\Zonnepanelen.jpeg | **Solar Panel** *Draft*  Yellow R/G/B: 255/255/0  Black |
|  | **Fuel tank Diesel**  *Draft*  Grey R/G/B**:** 127/127/127  Black |
| **E85** | **Fuel tank Bio Diesel with for example 85% Ethanol**  *Draft*  Green R/G/B: 80/224/22  Black  Blue R/G/B: 0/32/96  Text: Arial rounded MT Bold |
|  | **Fuel tank Gasoline**  *Draft*  Red R/G/B: 161/37/3  Black |
|  | **Gas tank with “indication type of gas”**  *Draft*  Green R/G/B: 0/176/80  Black  Text: Arial rounded MT Bold |
|  | **Manual gas shut-off valve with “indication type of gas”**  *Draft*  Green R/G/B: 0/176/80  Black  Text: Arial rounded MT Bold |
| **LPG** | **Automatic gas overpressure safety valve with “indication type of gas”**  *Draft*    Green R/G/B: 0/176/80  Black  Text: Arial rounded MT Bold |
|  | **Gas pipes**  *Draft*  Green R/G/B: 0/176/80 |
| **H2** | **Hydrogen tank**  *Draft*  Blue R/G/B:0/176/240  Black  Text: Arial rounded MT Bold |
|  | **Hydrogen pipes**  *Draft*  Blue R/G/B:0/176/240  Black |
| **H2** | **Manual hydrogen** **shut-off valve**  *Draft*  Blue R/G/B:0/176/240  Black  Text: Arial rounded MT Bold |
| **H2** | **Automatic hydrogen** **overpressure safety valve**  *Draft*  Blue R/G/B:0/176/240  Black  Text: Arial rounded MT Bold |
|  | **Airco pipes**  *Draft*  Purple R/G/B:204/0/204 |
|  | **Airco component**  *Draft*  Purple R/G/B:204/0/204 |
|  | **Direction overpressure safety valve**  *Draft*  Direction arrow in red colour = direction overpressure safety valve **“**front,back, left, right”  Bullet in red = direction overpressure safety valve **“**up**”**  No colours used = direction overpressure safety valve **“**down**”**  Red R/G/B: 255/0/0  Black  E.g. Hydrogen: Blue R/G/B:0/176/240  Text: Arial rounded MT Bold |
|  | **High voltage component**  *Draft*  Orange R/G/B: 255/165/0  Black |
| **LI­ ION** | **High voltage battery pack with indication type of battery**  *Draft*  Orange R/G/B: 255/165/0  Black  Text: Arial rounded MT Bold |
|  | **NiMH battery, high voltage**  *Draft*  Orange R/G/B: 255/165/0  Black  Text: Arial rounded MT Bold |
|  | **Lithium ion battery, high voltage**  *Draft*  Orange R/G/B: 255/165/0  Black  Text: Arial rounded MT Bold |
|  | **Ultra capacitor, high voltage**  *Draft*  Orange R/G/B: 255/165/0  Yellow R/G/B: 255/255/0  Black |
|  | **High voltage disconnect (service plug)**  *ISO/DIS 17840*  Orange R/G/B: 255/165/0  Black |
|  | **High voltage power cable**  *ISO/DIS 17840*  Orange R/G/B: 255/165/0 |
| http://upload.wikimedia.org/wikipedia/commons/thumb/4/4b/Inductor.svg/150px-Inductor.svg.png | **Induction power (magnetic field)**  Draft  Orange R/G/B: 255/165/0  Black |
|  | **Fuse box low voltage (disconnect fuses high power inside)**  *ISO/DIS 17840*  Yellow R/G/B: 255/255/0  Black |
| cid:image003.jpg@01CF11DA.2FAC08A0 | **Cable cut symbol to disconnect high voltage (USA)**  Yellow R/G/B: 255/255/0  Black  Red RGB: 255/0/0 |
|  | **Shutdown engine/voltage** *Draft* **: in all forms, by means of:**   * Ignition key * Operation in engine compartment * Operation on dashboard * other…   Yellow R/G/B: 255/255/0  Black  Red RGB: 255/0/0 |
|  | **Battery key**  *Draft*   * In cabin (obligated by ADR Europe) * Outside the cabin on the vehicle * Other areas   Yellow R/G/B: 255/255/0  Black |
|  | **Fuel cell**  *Draft*  Blue R/G/B:0/176/240  Orange R/G/B: 255/165/0  Black |
| **AIR** | **Air suspension cabin/seat/chassis (adjustable)**  *Draft*  R/G/B: 252/213/181  Black |
| **AIR** | **Manual air** **shut-off valve**  *Draft*  R/G/B: 252/213/181  Black |
| **AIR** | **Automatic air** **overpressure safety valve** *Draft*  R/G/B: 252/213/181  Black |
| **AIR** | **Air tank**  *Draft*  R/G/B: 252/213/181 |
| http://www.brandbeveiligingonline.nl/media/catalog/product/cache/1/image/9df78eab33525d08d6e5fb8d27136e95/p/i/pictogram-nooduitgang.jpg | **Emergency exit (emergency hatches,…)**  **Direction arrow = direction emergency exit**  *ISO 7010*  Green R/G/B: 0/176/80  White |
| 7010-e008 | **Emergency exit (to break)** *ISO 7010*    Green RGB: 0/176/80  White |
|  | **Emergency valve to open doors/hatches in general**  *Draft*  Green R/G/B: 0/176/80  White |
| 7010-f001  **AUTO** | **Automatic fire suppression system**  *Draft*  Red R/G/B: 255/0/0  Black  White |
|  | **Use water to extinguish**  *Draft*  Blue R/G/B: 56/93/138  White |
|  | **Don’t use water to extinguish**  *Draft*  Red R/G/B: 255/0/0  White |
|  | **Use CAFS**  *Draft*  **Compessed Air Foam System**  Blue R/G/B: 56/93/138  White |
|  | **Do not break open**  *Draft*  Red R/G/B: 255/0/0  White |
|  | **Use heat Camera**  *Draft*  Blue R/G/B: 56/93/138  White |
|  | **Disassembly only allowed**  **by qualified persons**  *Draft*  Blue R/G/B: 56/93/138  White |
| 7010-w012 | **Danger electricity/electric shock**  *ISO 7010*  Yellow R/G/B: 255/255/0  Black |
| 7010-w010 | **Low temperature**  *ISO 7010*  Yellow R/G/B: 255/255/0  Black |
| 7010-w005 | **Non-ionizing radiation**  *ISO 7010*  Yellow R/G/B: 255/255/0  Black |
| Batterij lekkage (bordje) | **Battery hazard**  *ISO 7010*  Yellow R/G/B: 255/255/0  Black |
|  | **Magnetic field** (e.g. induction power)  *ISO 7010*  Yellow R/G/B: 255/255/0  Black |
| 7010-m008 | **Wear safety boots**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
| 7010-m009 | **Wear safety gloves**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
| 7010-m010 | **Wear protective clothing**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
| 7010-m013 | **Wear face shield**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
|  | **Wear protective mask**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
|  | **Wear breathing apparatus**  *ISO 7010*  Blue R/G/B: 56/93/138  White |
|  | **Wear Splash suit/protected gas suit**  *ISO 7010*  (indicate preference type of suit)  Blue R/G/B: 56/93/138  Whit |
| http://www.qorpak.com/vimages/nfpa.gif | **NFPA 704 Hazard Identification System (USA)**  Hazard rating of 0 to 4,  The higher the number the greater the hazard  Flammability: red R/G/B:255/0/0 (0-1-2-3-4)  Health: blue R/G/B: 0/0/145 (0-1-2-3-4)  Reactivity: yellow R/G/B: 255/255/0 (0-1-2-3-4)  Special warnings: white  **Information:**  http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=704 |
|  | **Chemical toilet**  *Draft*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/4/4a/GHS-pictogram-explos.svg/120px-GHS-pictogram-explos.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-explos.svg) | **Explosive**  *(Globally Harmonized System of Classification and Labelling of Chemicals = GHS)*  Red R/G/B: 255/0/0  Black |
|  | **Flammable** *(GHS)*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/6/6a/GHS-pictogram-bottle.svg/120px-GHS-pictogram-bottle.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-bottle.svg) | **Gases under pressure** *(GHS)*  Red R/G/B: 255/0/0  Black |
|  | **Oxidizer** *(GHS)*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/a/a1/GHS-pictogram-acid.svg/120px-GHS-pictogram-acid.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-acid.svg) | **Corrosives** *(GHS)*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/c/c3/GHS-pictogram-exclam.svg/120px-GHS-pictogram-exclam.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-exclam.svg) | **Caution harmful** *(GHS)*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/5/58/GHS-pictogram-skull.svg/120px-GHS-pictogram-skull.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-skull.svg) | **Acute toxicity** *(GHS)*  Red R/G/B: 255/0/0  Black |
| http://www.gevaarsetiketten.com/components/com_virtuemart/shop_image/product/200508.gif | **Harmful** *(GHS)*  Red R/G/B: 255/0/0  Black |
| [http://upload.wikimedia.org/wikipedia/commons/thumb/b/b9/GHS-pictogram-pollu.svg/120px-GHS-pictogram-pollu.svg.png](http://commons.wikimedia.org/wiki/File:GHS-pictogram-pollu.svg) | **Environmental hazard** *(GHS)*  Red R/G/B: 255/0/0  Black |
| **[Gevaar](http://www.pictogrammenwinkel.nl/waarschuwingen-c-203/bordjes-c-203_204/gevaar-c-203_204_221/)** | **General warning!** *ISO 7010*  **Hazard symbol has to be at beginning of the text!**  Yellow R/G/B: 255/255/0  Black |
| Stop (bordje) | **Indication of life threatening situation!**  *Draft*  **Hazard symbol has to be at beginning of the text!**  **Not acting on provided information can lead to life threatening consequences…**  Red R/G/B: 255/0/0  White |

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| **DRIVE LINE SIGNS** | |
|  | **Gasoline-powered vehicle.**  Symbol description:  Fuel pump with  2 flames = highly flammable liquid.  Colors:  Red R/G/B: 161/37/3 |
|  | **Diesel-powered vehicle.**  Symbol description:  Fuel pump with  1 flame = flammable liquid.  Colors:  Grey R/G/B: 127/127/127 |
|  | **Bio diesel-powered vehicle.**  Symbol description:  Fuel pump with leaf, referencing to bio energy.  1 flame = flammable liquid.  Colors:  Green R/G/B: 80/224/22 |
|  | **Bio diesel-powered vehicle with for example 85% ethanol.**  Symbol description:  Fuel pump with leaf and added % of ethanol (E)  This ethanol-percentage can vary.  Flammability rises with % ethanol added.  Colors:  Green R/G/B: 80/224/22  Blue R/G/B: 0/32/96  Text: Arial rounded MT Bold |
|  | **Hybrid Electric Vehicle: hybrid vehicle with 2 driving mechanisms: liquid fuel ( e.g. Diesel) and electric.**  Symbol description:  Fuel pump with  1 flame = flammable liquid.  High voltage symbol.  Colors:  Orange R/G/B: 255/165/0  Grey R/G/B: 127/127/127  Black  Text: Arial rounded MT Bold |
|  | **Plug In Hybrid Electric Vehicle: hybrid vehicle with 2 driving mechanisms: liquid fuel ( e.g. Diesel) and electric. Also power grid-connector to recharge battery.**  Symbol description:  Fuel pump with  1 flame = flammable liquid.  High voltage/plug in symbol  Colors:  Orange R/G/B: 255/165/0  Grey R/G/B: 127/127/127  Black  Text: Arial rounded MT Bold |
|  | **Electric Vehicle: electric vehicle with power grid-connector to recharge battery.**  Symbol description:  High voltage/plug in symbol.  Colors:  Orange R/G/B: 255/165/0  Black  Text: Arial rounded MT Bold |
|  | **Plug In Hybrid Electric Vehicle: hybrid vehicle with 2 driving mechanisms: liquid fuel ( e.g. Gasoline ) and electric. Also power grid-connector to recharge battery.**  Symbol description:  Fuel pump with  2 flames = highly flammable liquid.  High voltage/plug in symbol  Colors:  Orange R/G/B: 255/165/0  Red R/G/B: 161/37/3  Black  Text: Arial rounded MT Bold |

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|  | **Fuel Cell Electric Vehicle: electric vehicle powered by a hydrogen fuel cell.**  Symbol description:  H2 hydrogen atom/high voltage symbol  The stored hydrogen is compressed. (C= compressed)  Colors:  Orange: R/G/B: 255/165/0  Blue: R/G/B: 0/176/240  White  Text: Arial rounded MT Bold |
|  | **Hydrogen powered vehicle: vehicle powered by hydrogen, direct combustion.**  Symbol description:  H2 hydrogen atom  The stored hydrogen is compressed. (C= compressed)  Colors:  Blue: R/G/B: 0/176/240  White  Text: Arial rounded MT Bold |
|  | **Hydrogen powered vehicle: vehicle powered by hydrogen, direct combustion.**  Symbol description:  H2 hydrogen atom/ thermometer symbol  The stored hydrogen is liquified by cooling it down  (L= Liquefied)  Colors:  Blue: R/G/B:0/176/240  White  Black  Text: Arial rounded MT Bold |

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|  | **LPG (liquified petroleum gas) powered vehicle**  Symbol description:  G (gas) with arrow pointing downwards = heavier than air  Colors:  Green: R/G/B:0/176/80  White  Black  Text: Arial rounded MT Bold |
|  | **CNG (compressed natural gas) powered vehicle.**  Symbol description:  G (gas) with arrow pointing upwards = lighter than air  Colors:  Green: R/G/B: 0/176/80  White  Black  Text: Arial rounded MT Bold |
|  | **LNG (liquified natural gas) powered vehicle**  Symbol description:  G (gas) with arrow pointing up- and downwards = In case of gas leak at first heavier, after warming up lighter than air.  The stored gas has been liquified by cooling it down.  (L= Liquefied)  Colors:  Green: R/G/B: 0/176/80  White  Black  Text: Arial rounded MT Bold |

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|  | **Super capacitor high-voltage**  Symbol description:  Capacitor/high voltage symbol  Colors:  Orange: R/G/B: 255/165/0  Black |
|  | **Super capacitor low-voltage**  Symbol description:  Capacitor  Colors:  Yellow: R/G/B: 255/255/0  Black |
|  | **Combination: Diesel powered vehicle with super capacitor**  (Start-stop system)  Go to:  Diesel powered vehicle  Super capacitor low voltage |
|  | **Combination: Gasoline/LPG powered vehicle**  Go to:  Gasoline powered vehicle  LPG (liquified petroleum gas) powered vehicle |