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Sample General Safe Work Practice for Boosting a Battery

Wear High-Vis vests or other type of light and/or reflective clothing (if available) while performing this task in high traffic areas.

- c) Position the donor vehicle engine close to the receiver vehicle battery, out of direct traffic. Do not let the vehicles touch each other.
- d) Clean terminals of both batteries so the “+” and “-“marks can be clearly seen.
- e) Connect the **red cable** to the “+” posts of each vehicle battery.
- f) Connect the **black cable** to the “-“post of the good donor battery.
- g) Lastly, connect the other end of the black cable to an unpainted metal part of the vehicle engine. Note: if vehicle(s) are equipped with MRS radio, power supply to radio must be disconnected before boosting.
- h) Start the donor vehicle engine (note that some newer vehicles advise to leave engine off due to internal computer sensing issues-consult owners manual).
- i) Start the receiver vehicle engine.
- j) Once the car is running, remove the cables in the reverse order.
- k) Allow receiver vehicle engine to run for at least 10 minutes in order to sufficiently recharge the battery.

DON'T:

- a) Do not attempt to auxiliary boost a frozen battery or from which all the electrolyte fluid has evaporated
- b) Do not attempt an auxiliary boost if the donor voltage source is greater than 15 volts (eg. heavy equipment).
- c) Do not perform this task in the presence of flammable materials.

Please note: This document is for information purposes only as a guide. The safe job procedures (SJP) and safe work practices (SWP) created for your workplace should reflect your organizations processes, equipment and hazards as identified by a hazard analysis. Construction Safety Nova Scotia does not assume responsibility for the use of information in this document. If assistance is needed to complete a SWP and SJP for your organization please contact CSNS member services at constructionsafetyns.ca or 1.800.971.3888.