



Drive Electric Columbus

COLD WEATHER EV PREPARATION TIPS

Getting Ready for Winter

Tips and tricks for
mitigating the
effects of cold
weather on your
Electric Vehicle



Tires - Keep on rolling . . .

Check your Tire Tread!

Make sure you have safe tread depth left on your tires for winter



Check your Tire Pressures!

Too Low of tire pressure can cause range loss and be unsafe



Watch out for Temperature Drops!

When the temperature drops, so does your tire pressures



Warm it up



Set your Charging Destination*

Some vehicles preheat the battery on the way to charging stations

Use Those Seat Heaters

Running your Seat Heater and Steering Wheel Heat saves on battery draw



Set thermostat moderately

EV's heat up faster than any ICE vehicle, so set your temps at reasonable numbers, and Dress for Success

Preheat the Battery

Turn on Winter Mode*

Improve the driving
and charging
performance



Driving creates heat

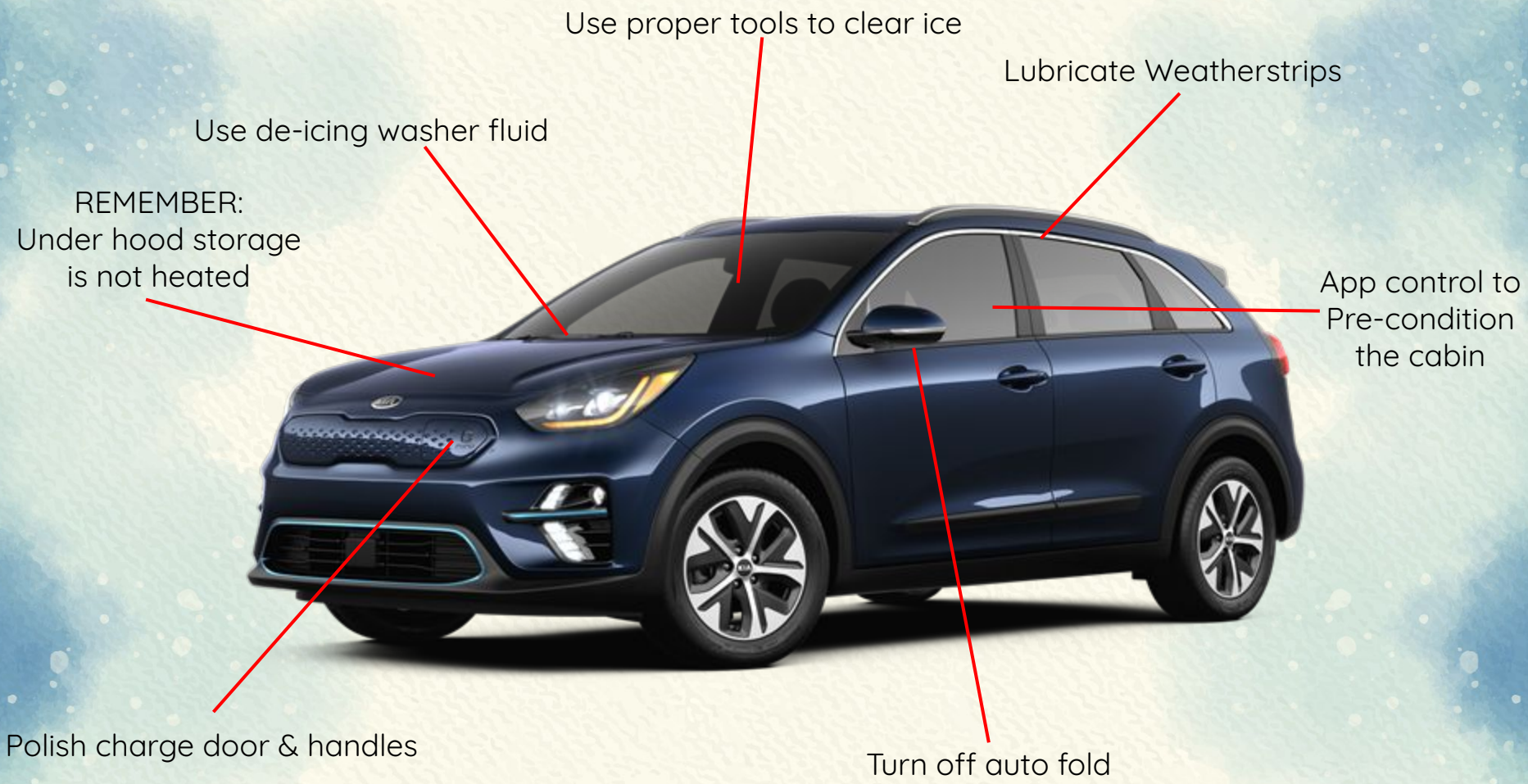
Prepares your battery
for faster charging



Schedule your charge

Pre-condition to be
ready to drive with
more efficiency and a
warm cabin!





Use proper tools to clear ice

Lubricate Weatherstrips

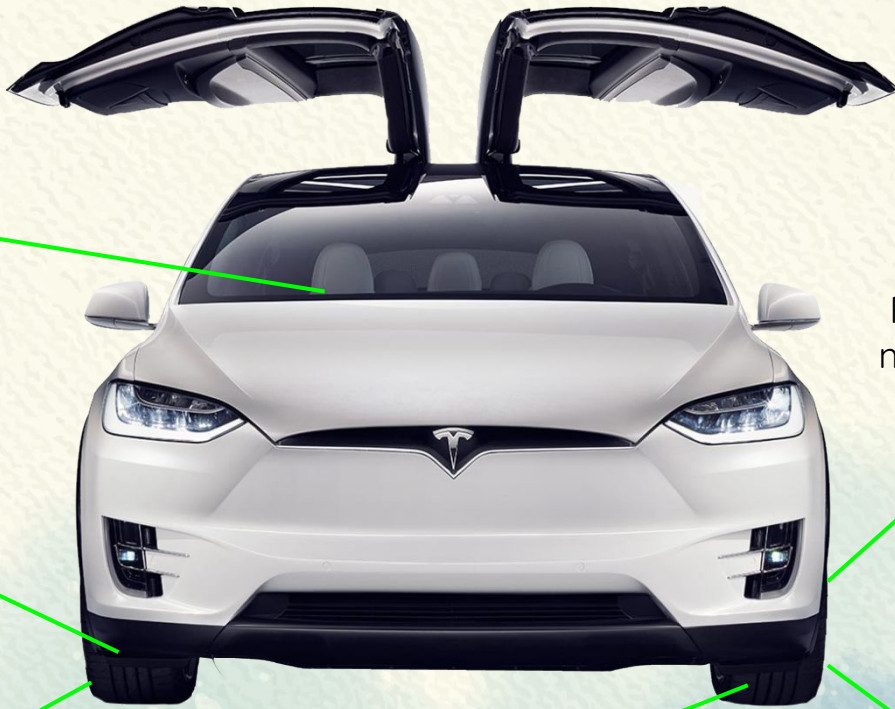
Use de-icing washer fluid

REMEMBER:
Under hood storage
is not heated

App control to
Pre-condition
the cabin

Polish charge door & handles

Turn off auto fold



Put wipers in service mode or lift wipers when expecting extreme ice

PSI drops 1-2# per 10°F

RWD EVs benefit the most from winter tires

Low profile tires and potholes can mean bent rims

Winter or All Season tires may lower your range, as will ice/snow/slush

If you switch between summer & winter tires, remember 45° is the cutoff temperature



Clear snow from all surfaces

Precondition cabin while plugged in

DRIVE SMART:
Engage a winter friendly torque driving mode

Check your 12-volt battery, especially if it is 3-4+ years old. EV LVB don't like the cold, either. Many auto stores will do this for free!

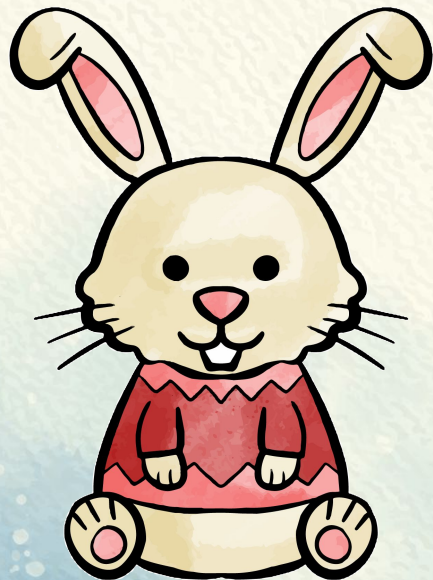
Clear snow from sensors, radar, & cameras

Buildup reduces aerodynamics

Regenerative braking levels may be lessened due to cold battery temps at first start

Stay Safe & Warm!

Happy Holidays!



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Meeting Agenda



Cold Weather Prep

Helpful tips for EVs as
we brace for winter

