

10/7/2018

Re: Winter storage in cold climate (Michigan) for 3 months

To: Honda Customer Relations

From: Richard Peacock, [peacockdesignsinc@comcast.net](mailto:peacockdesignsinc@comcast.net)

I purchased a Honda Clarity PHEV in August of this year.

I will be leaving my car in a unheated garage, in Michigan (outside temps as low as -20F, but normally not less than 0 degrees F) for up to 3 months while I vacation down south. I will not have the ability to have someone drive the car for a drive while I am gone.

My concern is: how to store the car while I am down south and maintaining the battery.

Questions:

1. Will the 17KW battery keep the 12V battery charged?
2. If the 17KW battery does not keep the 12V battery charged should I use a battery tender to trickle charge the 12V battery or should I disconnect the positive and/or negative lead to the 12V battery?
3. Should I keep the level 1 charger plugged in to the car the entire time I am gone?
4. If I keep the level 1 charger plugged into the car should I keep track of the charge periodically on my Honda Link app to make sure the charge of the battery does not fall below a certain level of charge?
5. If I need to charge the battery from down south (because the level of charge falls below a certain level) can I charge the car from down south by using the Honda Link app?
6. If I charge the car remotely should I charge the battery back up to fully charged or just to a certain level of charge, say 80%?
7. Should I fully charge the car before I leave for the 3 months.
8. Does it help the battery to exercise the battery by remotely, using the Honda Link app, turning the climate control on to bring the charge down a bit so I can recharge it back to the desired level of charge?
9. Is it possible or probable that the charge on the car will go from 100% charge to 0% charge after 3 months?

I am assuming that we do NOT want the charge on the 17KW battery to go to zero for any extended time. Is that correct? If so, what would you consider an extended amount of time?