2011-2015 Used Nissan Leaf Features

Scott Wilson, Electric Vehicle Association of Greater Washington DC (evadc.org)

Year	Trim	Quick Charge[1]	Level 2 (kW)	Heat R=Resistive HP=heat pump
2011 Both trims had cold weather package option[2]	SV SL	No Option	3.6 3.6	R R
2012	SV SL	Option Yes	3.6 3.6	R R
2013	S SV SL	Option Option[3] Yes	3.6, 6.6 with QC[4] 6.6 6.6	R HP HP
2014	S SV SL	Option Option[3] Yes	3.6, 6.6 with QC[4] 6.6 6.6	R HP HP
2015	S SV SL	Option Option[3] Yes	3.6, 6.6 with QC[4] 6.6 6.6	R HP HP

2011, 2012 Battery: In order to tell if the battery is still under warranty, you need to give the VIN to a Nissan Dealer and have them look it up (over the phone?). This is because some original owners opted out of warranty coverage, which would transfer the opt-out to future owners of that particular vehicle. (**This is uncommon**)

Insideevs.com

[1] If you only have an under-hood picture available, you can identify an installed QC option by three orange cables on the front of the motor stack (see pictures).

[2] Cold Weather package includes heated battery, steering wheel, front and rear seats. **Standard on all years and trims 2012-onwards**

[3] For **2013-2015 SV trim**, cars with optional QC installed can be identified by LED headlights. Cars without QC can be identified by halogen headlights

[4] For **2013-2015 S trim**, cars with optional QC installed also have 6.6 kW charger installed.

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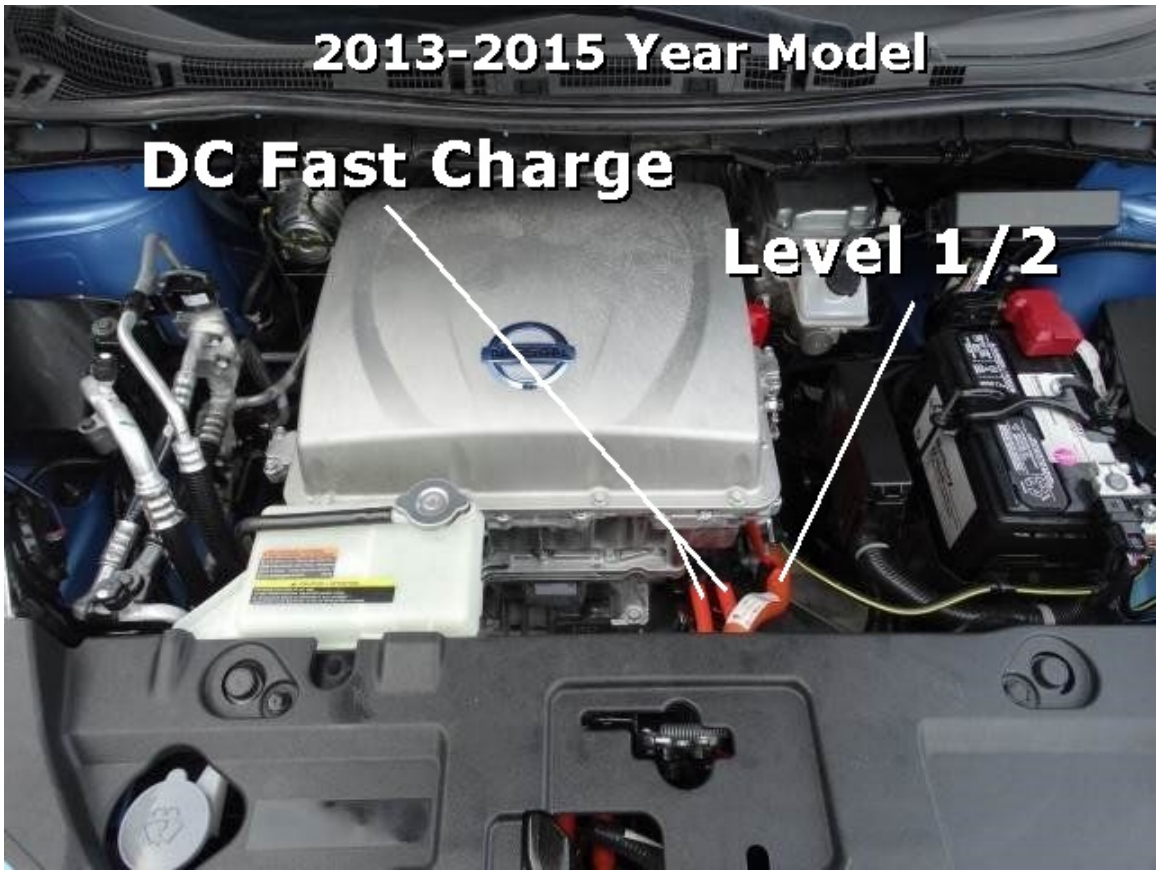

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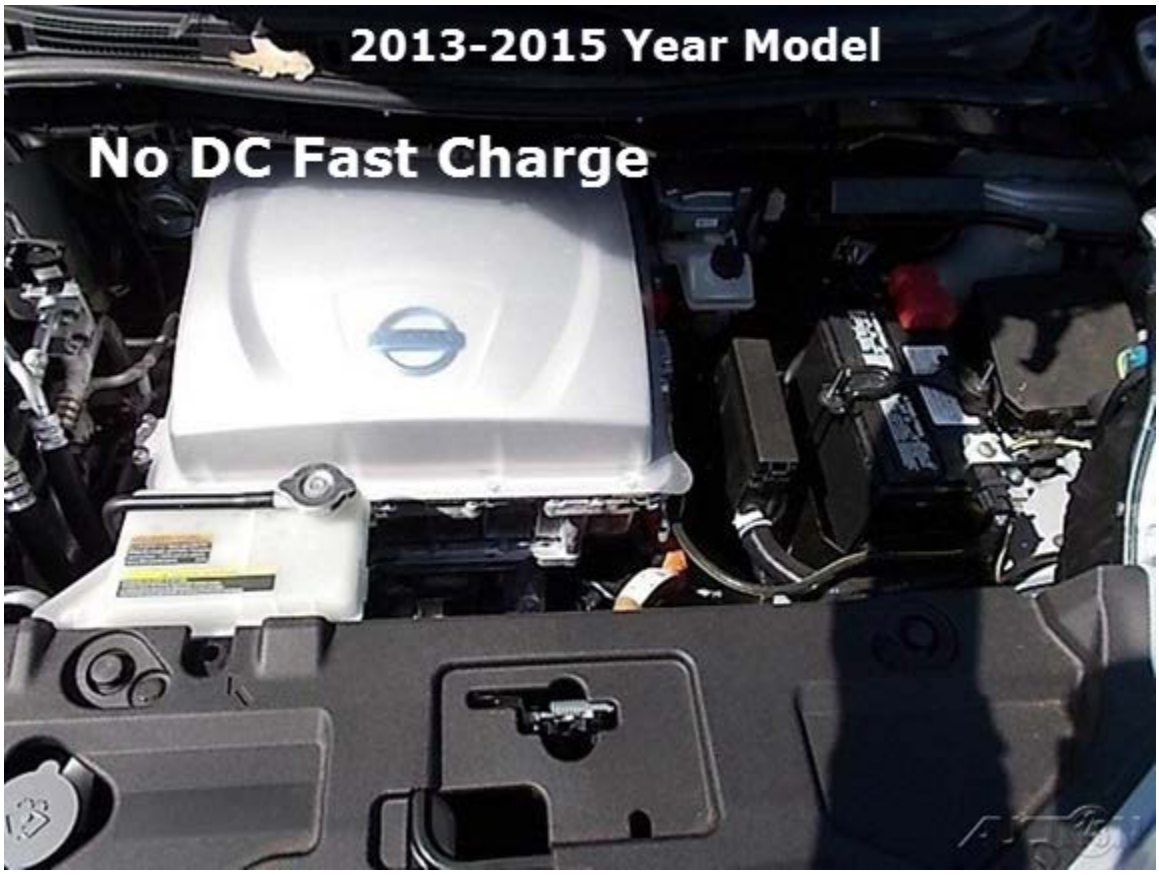
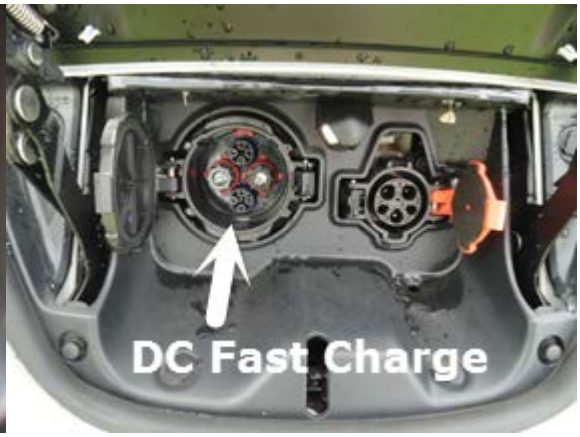


Insideevs.com



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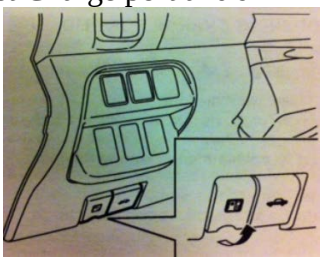
DC Fast Charge port and J1772 L1/L2 port under front charge door. Push or pull  to the left of the steering wheel.

<u>How to tell if you have a 6.6 kW charger:</u>

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2013-2015 charger size (3.6 kW or 6.6 kW) shown by sticker on passenger side power module. "6.6 kVA" means 6.6 kW.

If you have a VIN, you can decode it at http://www.vindecoderz.com/EN/Nissan/LEAF
Or at several similar sites

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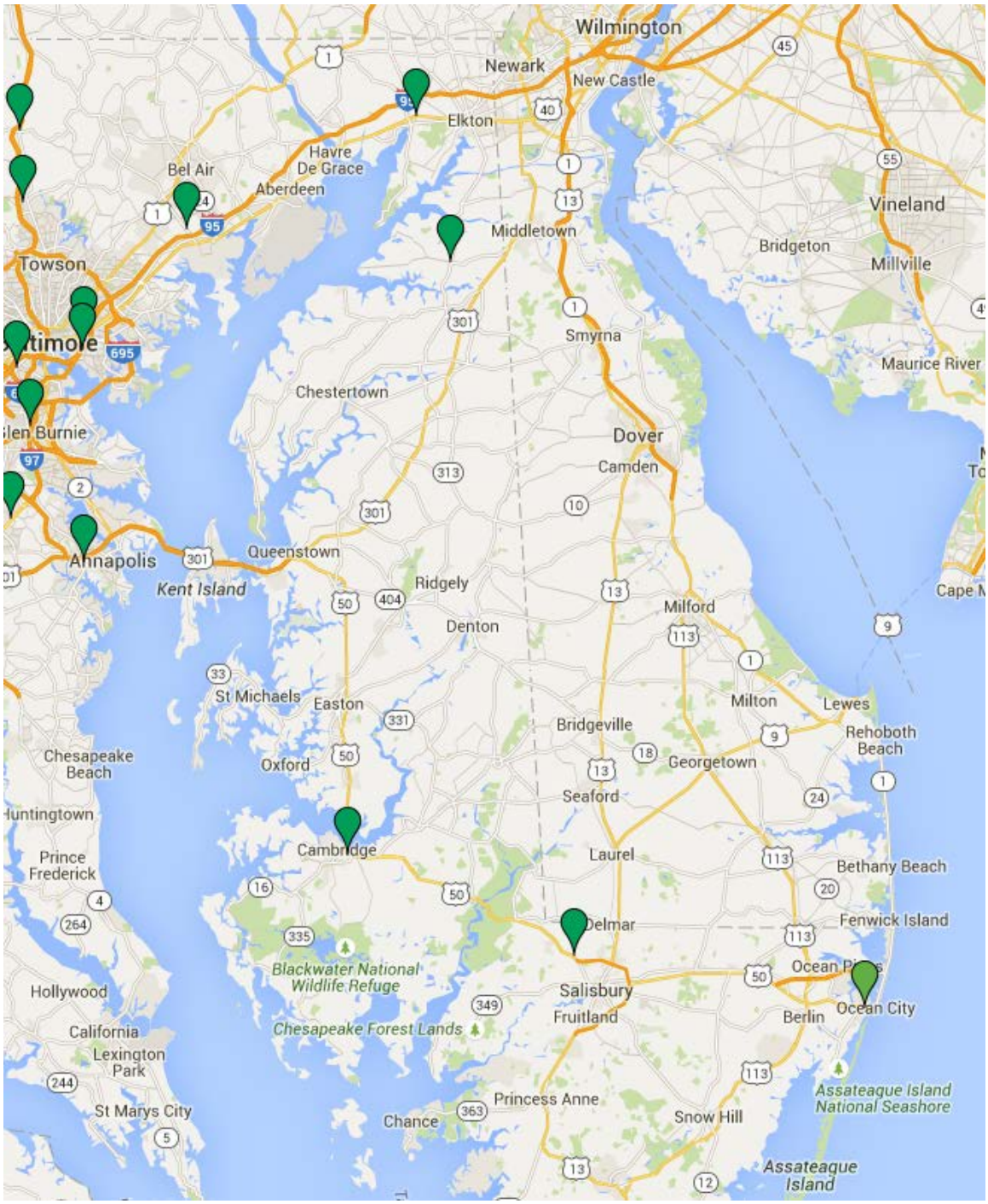

Future (2015-2016) Dual Chademo/Combo charger sites at Royal Farms
See https://www.google.com/maps/d/viewer?mid=z7WyA3QC1rh4.kRDll5T0QsXU

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Battery Intel: (http://insideevs.com/used-nissan-leaf-buying-guide/)

2011 Year Models

- The battery pack may or may not have heater elements to keep it from freezing. This was only on the "cold weather package" offered at the time.
- Prone to battery degradation in HOT climates (see more info on this below)

2012 Year Models

- Should all have the battery heater element as this was made standard from this point onwards.
- Prone to battery degradation in HOT climates (see more info on this below)

2013 Year Models

- Uses an all-new battery pack from previous years.
- Anecdotal evidence tends to show that degradation is not as big of a problem in this year model, although Nissan never officially announced any changes related to heat tolerance.

2014 Year Models

- Some 2014's may have the same battery as 2013 models.
- Some 2014's actually have the "lizard" battery that Nissan claims is heat tolerant and will not degrade in hot climates.

2015 Year Models.

- Should all include the "lizard" battery and should be very reliable.

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How to interpret battery bars and the battery warranty. First, turn the car on and look at the narrow battery capacity indicator on the right side of the display

Li-ion battery capacity level gauge:
This gauge displays the available capacity of the Li-ion battery remaining to store power.

12 bars – range is about 80-90 miles
11 bars – range is about 73-82 miles
10 bars – range is about 67-75 miles
9 bars – range is about 60-67 miles
8 bars – battery qualifies for Nissan Battery Warranty, unless prior owner opted out. Must have Nissan dealer lookup the VIN to know for sure.

Be suspicious of a 2011 or 2012 with 12 bars, if the car came from the southwest. Verify that the battery was replaced.
See also http://www.electricvehiclewiki.com/Battery_Capacity_Loss

You can see one Leaf drivers battery replacement experience here:
https://www.youtube.com/watch?v=HEaxYWW6Zm8

Lots of info - Google “used nissan leaf guide”
http://insideevs.com/used-nissan-leaf-buying-guide/
http://ecomento.com/2015/03/19/buyers-guide-used-nissan-leaf/
http://www.greencarreports.com/news/1098554_should-i-buy-a-used-nissan-leaf-or-another-electric-car
http://www.greencarreports.com/news/1047669_nissan-leaf-electric-car-ultimate-guide-what-you-need-to-know