

On-Road Usage and Performance Summary for 2014 BMW i3 REX VIN 4162

Reporting Period: October 2015 through July 2016

All Trips¹

Overall gasoline fuel economy (mpg) ⁵	66
Overall DC electrical energy consumption (DC Wh/mi)	137
Total distance driven (mi)	13,690
Average trip distance (mi)	9
Percent of miles city highway	57% 43%
Average ambient temperature (deg F)	84.1
Percent of time driven with air conditioning selected	85%



EV Trips²

Overall gasoline fuel economy (mpg) ⁵	N/A
Overall DC electrical energy consumption (DC Wh/mi)	267
Total distance driven (mi)	6,006
Average trip distance (mi)	7.4
Percent of miles city highway	66% 34%
Average ambient temperature (deg F)	80.6
Percent of time driven with air conditioning selected	87%
Percent of total distance traveled	44%

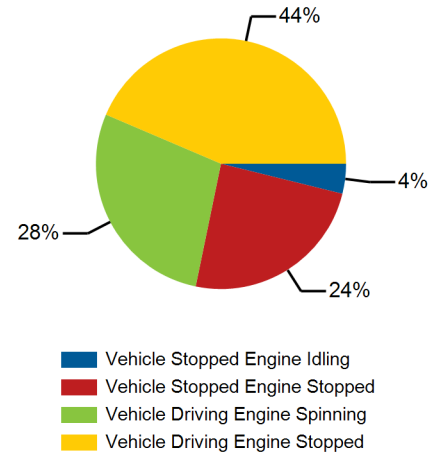
Mixed-Mode Trips³

Overall gasoline fuel economy (mpg) ⁵	47
Overall DC electrical energy consumption (DC Wh/mi)	97
Total distance driven (mi)	3,469
Average trip distance (mi)	8.0
Percent of miles city highway	51% 49%
Average ambient temperature (deg F)	87.6
Percent of time driven with air conditioning selected	88%
Percent of total distance traveled	25%

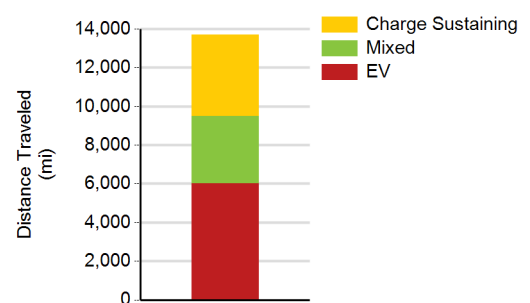
Charge Sustaining Trips⁴

Overall gasoline fuel economy (mpg) ⁵	32
Overall DC electrical energy consumption (DC Wh/mi)	-17
Total distance driven (mi)	4,215
Average trip distance (mi)	12.5
Percent of miles city highway	50% 50%
Average ambient temperature (deg F)	87.0
Percent of time driven with air conditioning selected	81%
Percent of total distance traveled	31%

Percent of Drive Time by Operating Mode



Distance Traveled by Trip Type



1. Calculated from on-board electronic data logged over 13,690 miles, which may be a subset of total lifetime miles driven.
2. Trips where the vehicle was propelled by battery energy only, using no gasoline.
3. Trips where gasoline was consumed by the engine, and net electrical energy was consumed from the battery to propel the vehicle.
4. Trips where gasoline was consumed by the engine to propel the vehicle, while the net electrical energy consumed from the battery was less than 1% of the gasoline energy consumed.
5. Gasoline consumption calculated using Mass Air Flow and Commanded or Measured Air-Fuel Ratio read from OBD2 messages assuming $AFR_{stoich} = 14.7$ and $\rho_{gasoline} = 2819 \text{ g/gal}$.