

Recall Detail

Ref No	10000438
Manufacturer	Lexus
Vehicle Class	Private Car
Model/Type	RX400h
Dealer (phone no)	Crown Motors Limited (Tel: 2880 4922)
Subject	Replacement of Intelligent Power Module (IPM) inside the Hybrid System Inverter
Progress	Running
Affected Vehicle Identification Number (VIN)	List as below:
Description of Defect, how it came to light, and possible consequences if ignored.	The recall is related to the Insulated-Gate Bipolar Transistors (IGBT) installed in the Intelligent Power Module (IPM) inside the hybrid system inverter. Due to variation in characteristics of IGBT's built in parallel circuits, which are used for operation of the motor or generator, higher operating temperatures exceeding the allowable temperature of the lead-based solder underneath the specific IGBT(s) could occur. If this occurs, the solder could degrade and eventually cause heat damage to the IGBT(s). In most cases, the vehicle may enter a fail-safe mode and can still be driven for short distances. In limited circumstances, the hybrid system may shut down and the vehicle will stop while being driven, increasing the risk of a crash.
Remedial Action	Replace the IPM inside the hybrid system inverter
Build Dates	September 2004 ~ December 2008
Launch Date	6 September 2013
Tentative Date of Recall Completion	December 2018

1	JTJHW31U002027785
2	JTJHW31U002054274
3	JTJHW31U102025365
4	JTJHW31U102030212
5	JTJHW31U202037640
6	JTJHW31U202863825
7	JTJHW31U302021043
8	JTJHW31U402060272
9	JTJHW31U502010366
10	JTJHW31U502860854
11	JTJHW31U502866590
12	JTJHW31U602859163
13	JTJHW31U702050125
14	JTJHW31U702062128
15	JTJHW31U902015084
16	JTJHW31U902018096
17	JTJHW31U002864116
18	JTJHW31UX02036865
19	JTJHW31U002014096

20	JTJHW31U002860728
21	JTJHW31U102027892
22	JTJHW31U102850340
23	JTJHW31U202011751
24	JTJHW31U202030381
25	JTJHW31U302014836
26	JTJHW31U302063678
27	JTJHW31U302860240
28	JTJHW31U402030009
29	JTJHW31U402851367
30	JTJHW31U502025904
31	JTJHW31U502863270
32	JTJHW31U602030948
33	JTJHW31U602044204
34	JTJHW31U702023989
35	JTJHW31U702059777
36	JTJHW31U802010233
37	JTJHW31U802026965
38	JTJHW31U802853879

39	JTJHW31U802861867
40	JTJHW31U902857116
41	JTJHW31UX02060602
42	JTJHW31UX02854726