



*The Rolls-Royce Owners' Club of Australia*



**NGK Spark Plug Cross-Reference Table**

**Champion, Bosch and Denso to NGK**

rht June 2009

Champion	NGK	Bosch	NGK	Denso	NGK
860	A6FS	D6B	AP6FS	J16A-U11	BE527Y-11
870	A5FS	D6BC	AP6FS	J16AR-U11	BRE527Y-11
2412	PZFR5F	D6BP	AP6FS	J16AY	BP5EJ
A5YC	DP9EA-9	D7A	A6FS	J16AYR	BPR5EJ
A6	D8EA	D7B	AP6FS	J16B-U11	BE529Y-11
A6G	D8EV	D7BC	AP6FS	J16BR-U	BRE529Y
A6Y	DP8EA-9	D7BP	AP6FS	J16CR-U	ZGR5E
A6YC	DP8EA-9	D8A	A5FS	K14PR-U11	BKR4E-11
A8	D7EA	D8AC	A5FS	K16R-U	BKR5EYA
A8Y	DP7EA-9	D8B	AP5FS	K16R-U11	BKR5EYA-11
A8YC	DP7EA-9	D8BC	AP5FS	K16PR-U	BKR5E
A10	D7EA	D8BP	AP5FS	K16PR-U11	BKR5E-11
A59G	D9EV	D9B	AP5FS	K16P-U11	BK5E-11
A61	D9EA	D9BC	AP5FS	K16TR-11	BKR5EKB-11
A61G	D9EV	D10B	AP5FS	K20DTR-S11	ZFR6G
BL3	R5673-8	D10BC	AP5FS	K20TMR11	BKR6EKC-N-11
BL4	B7FS	DR6BP	APR6FS	K20TNR-S	BKUR6EK
BL5	B7FS	DR7BC	APR6FS	K20TR11	BKR6EKB-11
BL55	R5673-10	DR7BP	APR6FS	K20PU	BK6E
BL57	R5673-10	DR8B	APR5FS	K20P-U11	BK6E-11
BL57Y	R5674-10	DR8BC	APR5FS	K20PR-TP11	BKR6EVX-11
BL6	B6FS	DR8BP	APR5FS	K20PR-U	BKR6E
BL60	R5673-9	DR9B	APR5FS	K20PR-L11	BKR6E-N-11
BL60Y	R5674-9	DR9BC	APR5FS	K20PR-U11	BKR6E-11
BL62Y	R5674-8	DR10B	APR5FS	K20R-U11	BKR6EYA-11
BL64Y	R5674-8	DR10BC	APR5FS	K22P-U11	BK7E-11
BL7Y	BP7FS	F5DC	BCP7ES	K22PR-U11	BK7E-11
BL8	B6FS	F5DOR	PFR7B	K22TM11	BK7EK-N-11
BL9Y	BP6FS	F5DP	BCP7ES	K22TMR	BKR7EKC-N
BL11Y	BP5FS	F5DTC	BCP7ET	K22TMR11	BK7EKC-N-11
BL13Y	BP5FS	F6DC	BCP6ES	K22TNR-S	BKUR7EK
BN6Y	BP7EFS	F6DCO	BCP6ES	KJ16CR-L11	ZFR5F-11
BN7Y	BP6EFS	F6DCOR	BCP6ES	KJ20CR-L11	ZFR6F-11

BN9Y	BP6EFS	F6DCX	BCP6ES-11	KJ22CR-L11	ZFR7F-11
BN12Y	BP5EFS	F6DPX	BCP6ES-11	M17	A-6
BN89Y	BP6EFS	F6DP	BCP6ES	M22	A-7
C6BYC	BCP7ET	F6DSR	BKR6EVX	M24S	A-8
C6BYC4	BKUR6ET-10	F6DTC	BCP6ET	MA14P-U	AP5FS
C6YCC	BCP7ES	F7DTC	BCP6ET	MA1SP-U	AP5FS
C7Y	BCP7ES	F7DC	BCP6ES	MA16PR-U	APR5FS
C7YC	BCP7ES	F7DCOR	BCPR6ES	MA16PR-U15	APR5FS-15
C7YCC	BCP7ES	F7LCOR2	ZFR6F-11	MA16R-U	AR5FS
C9MCC	ZFR5F	F7LCR	ZFR6A-11	MA17P-U	AP6FS
C9Y	BCP6ES	F7LTCR	BKUR6ET-10	MA20P-U	AP6FS
C9YC	BCP6ES	F7LDCR	BKR6EK	MA20PR-U	APR6FS
C9YCC	BCP6ES	F8DC	BCP5ES	MA20R-U	AR6FS
C10YCC	BCP6ES	F8LCR	ZFR5A-11	MA20R-U11	APR6FS-11
C55C	R5671A-10	F8LCR2	ZFR5F	MW17	AB-6
C57C	R5671A-10	F9DCO	BCP4ES	P16R	BPR5EP-11
C57YC	R5672A-10	F9LCR	ZFR4F-11	P16R-13	BPR5EP-13
C59C	R5671A-9	F03DAR	BKR6EK	P20R-8	BPR6EP-8
C59YC	R5672A-9	FR5DC	BCPR7ES	PK16PR-P11	PFR5J-11
C61C	R5671A-9	FR5DP	BCPR7ES	PK16R-11	BKR5EP-11
C61YC	R5672A-9	FR5DTC	BCP7ET	PK20PR-L-11	PFR6G-11
C63C	R5671A-8	FR6DC	BCPR6ES	PK20PR-P-11	PFR6J-11
C63YC	R5672A-8	FR6DCX	BCPR6ES-11	PK20R-8	BKR6EP-8
CJ3	BM7A	FR6DP	BCPR6ES	PK20R-11	BKR6EP-11
CJ4	BM7A	FR6DPX	BCPR6ES-11	PK20R-P8	BKR6EP-N-8
CJ6	BM7A	FR6DTC	BCPR6ET	PK20GR8	BKR6EPA-8
CJ6Y	BPM7A	FR7DC	BCPR6ES	PK20PR11	PFR6B-11
CJ7Y	BPM7A	FR7DCX	BCPR6ES-11	PK20PR-TP	PFR6M
CJ8	BM6A	FR7DP	BCPR6ES	PK20R8	BKR6EP-8
CJ8Y	BPM6A	FR7DPX	BCPR6ES-11	PK20TR11	BKR6EKPB-11
CJ11	BM6A	FR7DTC	BCPR6ET	PK22PR11	PFR7B-11
CJ14	BM4A	FR7LC2	BCPR6ES	PK22PR-L11	PFR7G-11
CJ26	BM6A	FR7LCX	ZFR6F-11	PK22PR-TP	PFR7M
CJ86	BM6A	FR7LDC	BKR6EK	PKJ16CR8	PZFR5F
D6	A-8	FR8DC	BCPR5ES	PKJ16CR-L11	PZFR5F-11
D9	A-6	FR8DCX	BCPR5ES-11	PKJ20CR-L11	PZFR6F-11
D9J	A-6	FR8DPX	BCPR5ES-11	PKJ20CR8	PZFR6F
D10	A-6	FR8DX	BCPR5ES-11	PQ16R	BCPR5EP-11
D14	A-6	FR8HP	ZFR5F-11	PQ16R-8	BCPR5EP-8
D16	A-6	FR8LCX	BCRE527Y	PQ20R	BCPR6EP-11
D16J	A-6	FR8LDC	BKR5EK	PQ20R-8	BCPR6EP-8
D21	A-6	FR9DCX	BCPR4ES-11	PQ20R-P11	BCPR6EP-N-11
DJ6J	BM7F	FR9HC	ZFR4F-11	Q14R-U11	BCPR4EY-11
DJ7J	BM6F	FR10DX	BCPR4ES-11	Q16PR-U11	BCPR5EY-11
DJ7Y	BPM6F	FR10DCX	BCPR4ES-11	Q16P-U11	BCP5EY-11
DJ8J	BM6F	H2CS	B9EFS	Q16R-U	BCPR5EY
F7Y	AP7FS	H3CS	B8EFS	Q16R-U11	BCPR5EY-11
F7YC	AP7FS	H5D	BP7EFS	Q20P-U11	BCP6E-11
F7YCC	AP7FS	H5DC	BP7EFS	Q20PR-U	BCPR6E
F9Y	AP6FS	H5DP	BP7EFS	Q20PR-U11	BCPR6EY-11
F9YC	AP6FS	H6B	BP6FS	Q20PR-P11	BCPR6EVX-11
F10	A6FS	H6BC	BP6FS	QJ16AR-U11	BCRE527Y
F10C	A6FS	H6D	BP6EFS	QJ20CR-11	ZFR6A-11
F11Y	AP5FS	H6DC	BP6EFS	QL20PR-U	BCPR6ED
F11YC	AP5FS	H6DP	BP6EFS	QL20TR-S	BCPR6EKD
F14Y	AP5FS	H7CC	B6EFS	QL22TR-S	BCPR7EKD
F62Y	AP8FS	H7D	BP6EFS	S27	SD9
F81Y	AP8FS	H7DC	BP6EFS	S29	SD10
F-82	A-8F	H7CP	B6EFS	S29A	SD10A
F83Y	AP8FS	H7DCY	BP6EFS-13	SD29A	SD10A
G1	C9E	H7DPY	BP6EFS-13	SF-10	BUHX

G2	C8E	H7DP	BP6EFS	SF-50	BUHW
G55	C9E	H8B	BP5FS	SF-51	BUHW-2
G58	C9E	H8BC	BP5FS	SK20R11	IFR6A11
G63	C8E	H8BP	BP5FS	T14PR-U	BPR4FS
G61	C8E	H8DC	BP5EFS	T14PR-U15	BPR4FS-15
H03	B6S	H8DCX	BP5EFS-13	T16EPR-U	BPR5EFS
H8	B-6L	H8DP	BP5EFS	T16EX-U	BP5EFS
H8J	B-6L	H9B	BP4FS	T16P-U	BP5FS
H10	B-6L	H9BC	BP4FS	T16PR-U	BPR5FS
H10J	B-6L	H9BCY	BPR4FS-15	T16PR-U11	BPR5FS-11
H11	B-4L	H9DC	BP5EFS	T16PR-U15	BPR5FS-15
H12	B-4L	H9HP	BP5EFS	T16R-U	BR5FS
J2J	B9S	H10B	BP4FS	T16R-U15	BR5FS-15
J4	B7S	H10BC	BP4FS	T20EP-U	BP6EFS
J4C	B7S	HR6B	BPR6FS	T20EPR-U	BPR6EFS
J4J	B7S	HR6BC	BPR6FS	T20EX-U	BP6EFS
J5	B7S	HR6BP	BPR6FS	T20P-U	BP6FS
J6	B6S	HR6D	BPR6EFS	T20PR-U	BPR6FS
J6C	B6S	HR6DC	BPR6EFS	T20PR-U11	BPR6FS-11
J6J	B6S	HR6DP	BPR6EFS	T20PR-U15	BPR6FS-15
J7	B6S	HR6DS	BPR6EFS	T20R-U	BR6FS
J7J	B6S	HR7DC	BPR6EFS	T22EP-U	BP7EFS
J8	B6S	HR7DCX	BPR6EFS-13	U16FS-U	C5HSA
J8C	B6S	HR7MPP	PTR5A-13	U16FS-L	C5HSA
J8J	B6S	HR8A	BR5FS	U16FSR-L	CR5HSA
J10Y	BP6S	HR8AC	BR5FS	U17F	C5HSA
J11	B-4	HR8ACY	BR5FS-15	U20FS	C6HSA
J11J	B-4	HR8AY	BR5FS-15	U20FS-L	C6HSA
J11Y	BP5S	HR8AP	BR5FS	U20FS-U	C6HSA
J12J	B-2	HR8APY	BR5FS-15	U20FSR-L	CR6HSA
J12Y	BP5S	HR8B	BPR5FS	U20M-U	CM-6
J12YC	BP5S	HR8BC	BPR5FS	U22FS	C7HSA
J13Y	BP5S	HR8BCY	BPR5FS-15	U22FS-L	C7HSA
J14J	B-2	HR8BP	BPR5FS	U22FS-GU	C7HV
J14Y	BP5S	HR8BPX	BPR5FS-11	U22FS-U	C7HSA
J14YC	BP5S	HR8BY	BPR5FS-15	U22FSR-L	CR7HS
J17LM	B4-LM	HR8BPY	BPR5FS-15	U22FSR-U	CR7HSA
J19LM	B2-LM	HR8LCO	SR5	U24ES-N	C8E
J18Y	BP-4	HR8LPO	SR5	U24ESR-N	CR8E
J18YC	BP-4	HR9A	BR5FS	U24ETR	CR8EK
K2G	A9V	HR9AC	BR5FS	U24FE9	C8EH-9
K3G	A-8	HR9ACY	BR5FS-15	U24FER9	CR8EH-9
K5G	A-8	HR9AP	BR5FS	U24FS	C8HSA
K7	A-8	HR9APY	BR5FS-15	U24FS-U	C8HA
K-8	A-8	HR9AY	BR5FS-15	U24FSR-U	CR8HSA
K8G	A-8	HR9BC	BPR4FS	U27ES-N	C9E
K9	A-7	HR9BCY	BPR4FS-15	U27ESR-N	CR9E
K13	A-6	HR9B	BPR4FS	U27ETR	CR9EK
K15J	A-6	HR9BPX	BPR4FS-11	U27FE9	C9EH-9
L18V	BUH	HR9BPY	BPR4FS-15	U27FER-9	CR9EH-9
L2G	B9HV	HR9BY	BPR4FS-15	U31ETR	CR10EK
L3G	B8HV	HR9D	BPR5EFS	W9	B-2
L4G	B7HV	HR9DC	BPR5EFS	W9-U	B-2
L4J	B7HS	HR9DCX	BP5EFS-13	W9EP	BP-2E
L5	B7HS	HR10A	BR5FS	W9FP	BP-2H
L6G	B7HV	HR10AC	BR5FS	W9FP-L	BP2HS
L7J	B6HS	HR10ACY	BR5FS-15	W9FP-UL	BP2HS
L9G	B6HV	HR10AY	BR5FS-15	W9P	BP-4
L9J	B6HS	HR10B	BPR4FS	W14	B-4
L10	B6HS	HR10BC	BPR4FS	W14-U	B-4
L12Y	BP5HS	HR10BCX	BPR4FS-11	W14E	B4ES

L14	B-4H	HR10BCY	BPR4FS-15	W14EP-U	BP4ES
L15Y	BP4HS	HR10BX	BPR4FS-11	W14EPR-U	BPR4ES
L18V	L19V	HR10BY	BPR4FS-15	W14EX-U	BP5EA
L20V	BUH	HS5E	BM7F	W14EX-U11	BP5EA-11
L54R	B-10HN	HS8E	BM6F	W14EXR-U	BPR5EA
L55G	B10HV	M4A	A-7	W14EXR-U11	BPR5EA-11
L61Y	BP8HS	M4A1	A-8	W14F	B-4H
L64Y	BP7HS	M4A2	A-7	W14F-U	B-4H
L66Y	BP6HS	M4AC	A-7	W14F-U10	B-4H-10
L76V	BUHW	M5A	A-7	W14FP	BP-4H
L77J	B7HS	M5AC	A-7	W14FP-L	BP4HS
L77J2	B7HS-10	M7A	A-6	W14FP-U	BP-4H
L77J4	B7HS-10	M7AC	A-7	W14FP-UL	BP4HS
L77JC	B7HS	M8A	A-6	W14FP-UL10	BP4HS-10
L77JC4	B7HS-10	M8AC	A-6	W14FPR	BPR-4H
L77V	BUHW	M8AO	A-6	W14FPR-L	BPR4HS
L78	B7HS	M10A	A-6	W14FPR-UL	BPR4HS
L78C	B7HS	M10AO	A-6	W14FPR-UL10	BPR4HS-10
L78V	BUHW-2	M10AC	A-6	W14FR-U	BR4HS
L81	B7HS	M10ACO	A-6	W14L	B-4L
L81Y	BP7HS	M12B	AP5FS	W14LM-U	B4-LM
L82	B6HS	UR2AS	CR8HS	W14M-U	BM4A
L82C	B6HS	UR3AS	CR7HS	W14MP-U10	BPM4A-10
L82Y	BP6HS	UR4AS	CR6HS	W14MPR-U10	BPMR4A
L82YC	BP6HS	WO6AS	B10HV	W14MR-U	BMR4A
L82YCC	BP6HS	W06CS	B11EGV	W14P	BP5S
L85	B6HS	W07AS	B10HV	W14PR-U	BPR4S
L86	B6HS	W07CS	B10EGV	W14PR-U15	BPR4S-15
L86C	B6HS	W08AS	B9HV	W16EK-S11	BU5EB-11
L86CC	B6HS	W08CS	B10EGV	W16EKR-S11	BUR5EB-11
L87Y	BP6HS	W2A	B9HS	W16EP-GU	BP5EV
L87YC	BP6HS	W2AC	B9HS	W16EP-U	BP5ES
L87YCC	BP6HS	W2AS	B9HV	W16EP-U10	BP5ES-10
L88A	B5HS	W2C	B10ES	W16EPR-U	BPR5ES
L89CM	BP5HS	W2CC	B10ES	W16EPR-S11	BUR5EA-11
L90	B5HS	W2CO	B10ES	W16EPR-U11	BPR5ES-11
L92Y	BP5HS	W2CS	B10EV	W16ES	B5ES
L92YC	BP5HS	W2D	BP9ES	W16ES-L	B5EB
L95Y	BP4HS	W3A	B8HS	W16ES-L11	B5EB-11
L288	B5HS	W3AC	B8HS	W16ES-U	B5ES
N1	B10ES	W3AO	B8HS	W16ET-S	BP5EK-A
N2	B9ES	W3AP	B8HS	W16ETR-S	BPR5EK-A
N2C	B9ES	W3AS	B8HV	W16EX-U	BP5EA-L
N2G	B9EV	W3C	B9ES	W16EX-U11	BP5EA-L-11
N3	B8ES	W3CC	B9ES	W16EX-U13	BP5ES-13
N3C	B8ES	W3CO	B9ES	W16EXR-U	BPR5EA-L
N3G	B8EV	W3CP	B9ES	W16EXR-U11	BPR5EAL-11
N4	B7ES	W3CS	B9EV	W16FP	BP5HS
N4C	B7ES	W3D	BP8ES	W16FP-L	BP5HA
N4G	B7EV	W3DP	BP8ES	W16FP-U	BP5HS
N4YC	BP9ES	W3DPO	BP8ES	W16FP-U10	BP5HS-10
N5	B6ES	W3DP2	BP8ES	W16FP-UL	BP5HA
N5C	B6ES	W4A	B8HS	W16FPR	BPR5HS
N5G	B6EV	W4A1	B8HS	W16FS	B5HS
N6	B6ES	W4A2	B8HS	W16FS-U	B5HS
N6GY	BP8EV	W4A5	B8HS	W16FSR	BR5HS
N6Y	BP8ES	W4AC	B8HS	W16LS	B-6L
N6YC	BP8ES	W4AP	B8HS	W17P	BP6S
N6YCC	BP8ES	W4AS	B8HV	W17PR-U	BPR6S
N7	B7ES	W4C	B8ES	W20DTR-S	BPR6EKB
N7BYC	BP6ET	W4C1	B8ES	W20DTR-SA	BPR6EKB-L

N7GY	BP7EV	W4C2	B7ES	W20EPR-S11	BUR6EA-11
N7Y	BP7ES	W4C3	B7HS	W20EP-GU	BP6EV
N7YC	BP7ES	W4CC	B8ES	W20EA	B6EM
N7YCC	BP7ES	W4CP	B8EV	W20EAR	BR6EM
N7YCX	BP7ES	W4CPX	B8ES-11	W20EK-S11	BU6EB-11
N8	B6ES	W4CS	B8EV	W20EKR-S11	BUR6EB-11
N8GY	BP6EV	W4DP	BP7ES	W20EP-GU	BP6EV
N8L	ZGR5C	W4DPO	BP7ET	W20EP-S11	BU6EA-11
N8Y	BP6ES	W4E2	B7S	W20EP-U	BP6ES
N9Y	BP6ES	W5A	B7HS	W20EP-U10	BP6ES-11
N9BMC	BPR5EKU	W5AC	B7HS	W20EPR-U	BPR6ES
N9BYC	BP6ET	W5AP	B7HS	W20EPR-U10	BPR6ES-11
N9YC	BP6ES	W5AS	B7HV	W20ES	B6ES
N9YCC	BP6ES	W5B	BP7HS	W20ES-GU	B6EV
N9YC4	BP6ES-11	W5BC	BP7HS	W20ES-L	B6EB
N10PY	BP6EV	W5BP	BP7HS	W20ES-L11	B6EB-11
N10Y	BP6ES	W5C	B7ES	W20ES-U	B6ES
N10Y4	BP6ES-11	W5CC	B7ES	W20ES-U11	B6ES-11
N11Y	BP5ES	W5CCX	B7ES-11	W20ESR	BR6ES
N11YC	BP5ES	W5CP	B7ES	W20ESR-L	BR6EB
N11YCC	BP5ES	W5CPX	B7ES-11	W20ESR-L11	BR6EB-11
N11YC4	BP5ES-11	W5CS	B7EV	W20ET	BP6EK
N12Y	BP5ES	W5D	BP7ES	W20ET-L	BP6EKN
N12YC	BP5ES	W5D1	BP7ES	W20ETR-L	BPR6EKN
N12YCC	BP5ES	W5DC	BP7ES	W20ET-S	BP6EK-A
N13L	ZGR5C	W5DCO	BP7ES	W20EX-U	BP6EA
N13Y	BP5ES	W5DCX	BP7ES-11	W20EX-U11	BP6EA-11
N14LY	ZGR5C	W5DP	BP7ES	W20EX-U13	BP6ES-13
N14Y	BP5ES	W5DPO	BP7ET	W20EXR-U	BPR6EA
N16Y	BP4ES	W5DPX	BP7ES-11	W20EXR-U11	BPR6ES-11
N16YC	BP4ES	W5DTC	BP6ET	W20FP	BP6HS
N19V	BUE	W5E	B7S	W20FP-U	BP6HS
N21	B4ES	W5EC	B7S	W20FP-U10	BP6HS-10
N54R	B10EG	W5EP	B7S	W20FPR	BPR6HSA
N57	B10ES	W6AS	B6HV	W20FPR-L	BPR6HSA
N57G	B105EGV	W6B	BP6H	W20FPR-U	BPR6HS
N57R	B10EG	W6BC	BP6HS	W20FR-L	BR6HSA
N59G	B95EGV	W6BP	BP6HS	W20FS	B6HS
N60	B9ES	W6D	BP6ES	W20FS-GU	B6HV
N60R	B8EG	W6D1	BP6ES	W20FS-U	B6HS
N60Y	BP10ES	W6DC	BP6ES	W20FSR	BR6HS
N62R	B8EG	W6DCO	BP6ES	W20M	BM6A
N63Y	BP9ES	W6DCX	BP6ES-11	W20M-U	BM6A
N64Y	BP8ES	W6DP	BP6ES	W20MP-U	BPM6A
N65Y	BP7ES	W6DPX	BP6ES-11	W20MP-U10	BPM6A-10
N66Y	BP6ES	W6DTC	BP6ET	W20S	B6S
N74C	B6EB-11	W7A	B6HS	W20S-U	B6S
N79Y	BP6ES	W7AC	B6HS	W20SR-U	BR6S
N80	B10EG	W7AO	B6HS	W21ES-L11	B6EB-L-11
N80G	B11EGV	W7AP	B6HS	W21ESR-L11	BR6EB-L-11
N82	B10EG	W7B	BP6HS	W22EA	B7EM
N82G	B105EGV	W7BC	BP6HS	W22EAR	BR7EM
N84	B9EG	W7BP	BP6HS	W22EB	B7ET
N84G	B95EGV	W7C	B6ES	W22EBR	BR7ET
N86	B9EG	W7CC	B6ES	W22EDR	BR7EQ
N86G	B9EGV	W7CCO	B6ES	W22EDR14	BR7EQ-14
N87	B8EG	W7CCX	B6ES-11	W22EK-S11	BU7EB-11
N87G	B8EGV	W7CP	B6ES	W22EKR-S11	BUR7EB-11
N178B	B8EM	W7CPX	B6ES-11	W22EP	BP7ES
N180B	B7EM	W7CX	B6ES-11	W22EP11	BP7ES-11
N279YC	BP7ES	W7D	BP6ES	W22EP-GU	BP7EV

N281YC	BP6ES	W7DC	BP6ES	W22EP-S11	BU7EA-11
N288	B5ES	W7DCO	BP6ES	W22EP-U	BP7ES
OBL9Y	BPR6FS	W7DCR	BPR6ES	W22EPR-U	BPR7ES
OJ11Y	BP6S	W7DCX	BP6ES-11	W22ES	B7ES
OJ12Y	BP5S	W7DO	BP6ES	W22ES-GU	B7EV
OJ13Y	BP5S	W7DP	BP6ES	W22ES-L	B7EB
ON3	BR8ES	W7DPX	BP6ES-11	W22ES-L11	B7EB-11
ON11Y	BPR5ES	W7DTC	BP6ET	W22ES-U	B7ES
ON12Y	BPR5ES	W7DX	BP6ES-11	W22ESR	BR7ES
P7	D8HA	W7E	B6S	W22ESR-L	BR7EB
P7G	D8HV	W7EC	B6S	W22ESR-L11	BR7EB-11
P8G	D6HV	W7EP	B6S	W22ESR-U	BR7ES
P8Y	D6HA	W7F	BP6S	W22ETR-L	BPR7EKN
P10Y	D6HA	W7FC	BP6S	W22FP	BP7HS
PG2PHP	PMR8A	W7LTCR	BUR6ET	W22FP-U	BP7HS
PG4PHP	PMR7A	W8A	B5HS	W22FP-U10	BP7HS-10
QC9MC4	ZFR6F-11	W8AC	B5HS	W22FPR-U	BPR7HS
QC501V	R6242-10	W8AO	B5HS	W22FR-L	BR8HSA
QL16V	BUZ8H	W8AP	B5HS	W22FS	B7HS
QL7J5	BR6HS	W8B	BP5HS	W22FS-GU	B7HV
QL76V	BUZHW	W8BC	BP5HS	W22FS-U	B7HS
QL77J4	BZ7HS-10	W8BP	BP5HS	W22FSR	BR7HS
QL77JC4	BZ7HS-10	W8C	B5ES	W22M	BM7A
QL77C	BR8HS	W8CC	B5ES	W22M-U	BM7A
QL78C	BR8HS	W8CCX	B5ES-11	W22MP-U	BPM7A
QL78V	BUZHW-2	W8CO	B5ES	W22S	B7S
QL81Y	BPZ7HS-10	W8CP	B5ES	W22S-U	B7S
QL82YC	BPR7HS	W8D	BP5ES	W24EP	BP8ES
QL86	BR6HS	W8DC	BP5ES	W24EP-11	BP8ES-11
QL87YC	BPR6HS	W8DCO	BP5ES	W24EP-U	BP8ES
QN2	BR9ES	W8DCX	BP5ES-11	W24ES	B8ES
QN2C	BR9ES	W8DCY	BP5ES-13	W24ES-GU	B8EV
QN2G	BR9EV	W8DP	BP5ES	W24ES-U	B8ES
QN3	BR8ES	W8DPX	BP5ES-11	W24ES-U11	B8ES-11
QN3C	BR8ES	W8DTC	BP6ET	W24ES-V	B8EG
QN84	BR9EG	W8DX	BP5ES-11	W24ESR	BR8ES
QN86	BR8EG	W8E	B6S	W24ESR-U	BR8ES
QUL77V	BUHXW-1	W8EC	B6S	W24FS	B8HS
R6	D8EA	W8F	BP5S	W24FS-GU	B8HV
R6G	D8EV	W8LCR	ZGR5A	W24FS-U	B8HS
R8	D7EA	W8LTCR	BUR5ET	W24FS-U10	B8HS-10
R10	D6EA	W8LPR	ZGR5A	W24FSR	BR8HS
RA2HC	DCPR9E	W8FC	BP5S	W24S	B8S
RA4HC	DCPR8E	W9A	B-4H	W24S-U	B8S
RA6	DR8ES-L	W9AC	B5HS	W25EA	B8EM
RA6HC	DCPR8E	W9ACO	B5HS	W25EAR	BR8EM
RA6Y	DPR8EA-9	W9AO	B-4H	W25EB	B8ET
RA6YC	DPR8EA-9	W9C	B4ES	W25EBR	BR8ET
RA8HC	DCPR7E	W9CC	B4ES	W25EDR	BR8EQ
RA8Y	DPR7EA-9	W9D	BP5ES	W25EDR14	BR8EQ-14
RA8YC	DPR7EA-9	W9DC	BP5ES	W25EN	B8EG
RBL8	BR6FS	W9DCX	BP5ES-11	W25EPT	B8EGP
RBL8-6	BR6FS-15	W9DP	BP5ES	W25FC	B8HCS
RBL9Y	BPR6FS	W9DPX	BP5ES-11	W25FN	B8HV
RBL11Y	BPR5FS	W9E	B-4	W27EBR	BR9ET
RBL11Y6	BPR5FS-15	W9EC	B-4	W27EDR14	BR9EQ-14
RBL12	BR5FS	W9EO	B4-LM	W27EMR-C	BR9ECM
RBL12-6	BR5FS-15	W9F	BP5S	W27EN	B9EG
RBL13Y	BPR5FS	W9FC	BP5S	W27EPT	B9EGP
RBL13Y6	BPR5FS-15	W9LC	ZGR5A	W27ES	B9ES
RBL15Y	BPR4FS	W9LCX	BRE527Y-11	W27ES-C	B9ECS

RBL15Y4	BPR4FS-11	W10A	B-4H	W27ES-GU	B9EV
RBL15Y6	BPR4FS-15	W10AC	B-4H	W27ES-U	B9ES
RBL16Y	BPR4FS	W10C	B4ES	W27ES-V	B9ES
RBL17Y	BPR4FS	W10CC	B4ES	W27ESR	BR9ES
RBL17Y6	BPR4FS-15	W10D	BP4ES	W27FC	B9HCS
RBN9Y	BPR6EFS	W10DC	BP4ES	W27FN	B9HN
RBN12Y	BPR5EFS	W10E	B-4	W27FS	B9HS
RBN13Y	BPR5EFS	W10F	BP-4	W27FS-GU	B9HV
RBN14Y	BPR5EFS	W10FC	BP-4	W27FS-U	B9HS
RC6YC	BCPR7ES	W12A	B-4H	W27FS-U10	B9HS-10
RC7BMC	BCPR7EKD	W12E	B-2	W27FSR	BR9HS
RC7Y	BCPR7ES	WEA	BUH	W27S	B9S
RC7YC	BCPR7ES	WEC	BUE	W29EPT	B95EGP
RC7YCC	BCPR7ES	WR4CC	BR8ES	W29ES-GU	B95EGV
RC7YC4	BCPR7ES-11	WR4CP	BR8ES	W31EN	B10EG
RC7YCC4	BCPR7ES-11	WR5A	BR7HS	W31EPT	B10EGP
RC8PYP4	PFR6G-11	WR5AC	BR7HS	W31ES	B10ES
RC8YCC4	BKR6E-11	WR5CC	BR7ES	W31ES-GU	B10EV
RC9BMC	BKR5EKU	WR5CP	BR7ES	W31ES-U	B10ES
RC9MC4	ZFR6F-11	WR5D	BPR7ES	W31FS-GU	B10HV
RC9Y	BCPR6ES	WR5DC	BPR7ES	W32EPT	B105EGP
RC9YC	BCPR6ES	WR5DP	BPR7ES	WA20M	BM6F
RC9YCC	BCPR6ES	WR5DS	BPR7EV	WA22M	BM7F
RC10PYP4	PFR5G-11	WR6D	BPR6ES	X16FSR-U	DR5HS
RC10YC4	BCPR6ES-11	WR6DC	BPR6ES	X20EP-U9	DP6EA-9
RC10YCC4	BKR5E-11	WR6DCX	BPR6ES-11	X20EPR-GL	PJR6A
RC11LCC4	BCRE527Y	WR6DP	BPR6ES	X20FS-GU	D6HV
RC11ZYC4	ZFR5E-11	WR6DPX	BPR6ES-11	X20FS-U	D6HA
RC12LYC	ZFR5F	WR6DS	BPR6EV	X20FSR-U	DR6HS
RC12MC4	ZFR5F-11	WR7A	BR6HS	X22EP-U9	DP7EA-9
RC12MC5	ZFR5F-11	WR7AC	BR6HS	X22EPR-U9	DPR7EA-9
RC12PYP	PFR4G-11	WR7B	BPR6HS	X22EPR-GL	PJR7A
RC12YC	BCPR5ES	WR7BC	BPR6HS	X22ES-GU	D7EV
RC14YC	BCPR5ES	WR7BP	BPR6HS	X22ES-U	D7EA
RCJ6	BMR7A	WR7C	BR6ES	X22ESR-U	DR7ES
RCJ6Y	BPMR7A	WR4AC	BR8HS	X24EP-U9	DP8EA-9
RCJ7Y	BPMR7A	WR7CC	BR6ES	X24EPR-GL	PJR8A
RCJ8	BMR6A	WR7CCX	BR6ES-11	X24EPR-U9	DPR8EA-9
RCJ8Y	BPMR6A	WR7CP	BR6ES	X24ES-GU	D8EV
RD9	A-6	WR7CPX	BR6ES-11	X24ES-U	D8EA
RD14	A-6	WR7D	BPR6ES	X24ESR-U	DR8ES-L
RD16	A-6	WR7DC	BPR6ES	X24FS-U	D8HA
RD16J	A-6	WR7DCX	BPR6ES-11	X24FSR-U	DR8HS
RDJ6J	BMR7F	WR7DP	BPR6ES	X24GP-U	DP8Z
RDJ7J	BMR6F	WR7DS	BPR6EV	X24GPR-U	DPR8Z
RDJ7Y	BPMR6F	WR7F	BPR6S	X27EP-U9	DP9EA-9
RDJ8J	BMR6F	WR8AC	BR5HS	X27EPR-U9	DPR9EA-9
RE10LC	SR5	WR8C	BR5ES	X27ES-U	DREA
RF9Y	APR6FS	WR8CC	BR5ES	X27ESR-U	DR8ES
RF9Y5	APR6FS-11	WR8CP	BR5ES	X27GPR-U	DPR9Z
RF9YC	APR6FS	WR8D	BPR5ES	X31ES-U	D10EA
RF10	AR6FS	WR8DC	BPR5ES	XU20EPR-U	DCPR6E
RF10C	AR6FS	WR8DCO	BPR5ES	XU22EP-U	DCP7E
RF11Y	APR6FS	WR8DCX	BPR5ES-11	XU22EP-ZU	DCP7EVX
RF11YC	APR6FS	WR8DP	BPR5ES	XU22EPR-ZU	DCPR7EVX
RF12	AR5FS	WR8DPX	BPR5ES-11	XU22EPR-U	DCPR7E
RF12-5	AR5FS-11	WR8DPY	BPR5ES-15	XU24EP-U	DCP8E
RF14Y	APR5FS	WR8DS	BPR5EV	XU24EP-ZU	DCP8EVX
RFN14LY	ZFR4F-11	WR8E	BR6S	XU24EPR-U	DCPR8E
RJ6	BR6S	WR8EC	BR6S	XU24EPR-ZU	DCPR8EVX
RJ6C	BR6S	WR8EP	BR6S	Y27FER	ER9EH

RJ6J	BR6S	WR8F	BPR5S
RJ7	BR6S	WR8FC	BPR5S
RJ8	BR6S	WR8FP	BPR5S
RJ8C	BR6S	WR8FPY	BPR5S-15
RJ8J	BR6S	WR8HP	ZGR5C
RJ10Y	BPR6S	WR9AO	BR5HS
RJ11	BR6S	WR9C	BR5ES
RJ11Y	BPR5S	WR9CC	BR5ES
RJ12	BR6S	WR9D	BPR5ES
RJ12Y	BPR5S	WR9DC	BPR5ES
RJ12Y6	BPR5S-15	WR9DCY	BPR5ES-15
RJ12YC	BPR5S	WR9DP	BPR5ES
RJ12YC6	BPR5S-15	WR9DPX	BPR5ES-11
RJ14Y	BP5S	WR9DS	BPR5EV
RJ14YC	BP5S	WR9DY	BPR5ES-15
RJ17LM	BR4LM	WR9E	BR6S
RJ18Y	BP-4	WR9EC	BR6S
RJ18Y6	BPR4S-15	WR9EO	BR6S
RJ18YC	BP-4	WR9F	BPR5S
RJ18YC6	BPR4S-15	WR9FC	BPR5S
RJ20Y	BP4S	WR9FCY	BPR5S-15
RJ19LM	BR2LM	WR9FP	BPR5S
RL4J	BR7HS	WR9FY	BPR5S-15
RL7J	BR6HS	WR9FPY	BPR5S-15
RL12Y	BPR6HS	WR9HC	ZGR5C
RL19	BR5HS	WR9HP	ZGR5C
RL77J	BR7HS	WR9LCX	BRE527-11
RL78	BR7HS	WR9LS	ZGR5A
RL78C	BR7HS	WR10A	BR4HS
RL82	BR6HS	WR10AC	BR4HS
RL82C	BR6HS	WR10E	BR6S
RL82Y	BPR6HS	WR10F	BPR4S
RL82YC	BPR6HS	WR10FC	BPR4S
RL82YCC	BPR6HS	WR10FCY	BPR4S-15
RL85	BR6HS	WR10FY	BPR4S-15
RL86	BR6HS	WS5E	BM7A
RL86C	BR6HS	WS5F	BPM7A
RL87Y	BPR6HS	WS7E	BM6A
RL87YC	BPR6HS	WS7F	BPM6A
RL90	BR5HS	WS8E	BM6A
RN2	BR9ES	WS8F	BPM6A
RN2C	BR9ES	WSR5F	BPMR7A
RN2G	BR9EV	WSR6F	BPMR6A
RN3	BR8ES	WSR8F	BPMR6A
RN3C	BR8ES	WSR9E	BMR4A
RN3G	BR8EV	X3CPO	D9EA
RN4	BR7ES	X4CS	D8EA
RN4C	BR7ES	X5DC	D7EA
RN5	BR6ES	XR2AS	DR8HS
RN5C	BR6ES	XR2CS	DR8ES
RN6	BR6ES	XR4AS	DR8HS
RN6Y	BPR8ES	XR4CS	DR8ES
RN6YC	BPR8ES	XR5DC	DR7EA
RN7GY	BPR7EV	Y6DC	DCP6E
RN7Y	BPR7ES		
RN7YC	BPR7ES		
RN7YCC	BPR7ES		
RN8	BR5ES		
RN8L	ZGR5C		
RN9GY	BPR6EV		
RN9LCC	ZGR6B-11		



RN9Y	BPR6ES
RN9YC	BPR6ES
RN9YCC	BPR6ES
RN9YC4	BPR6ES-11
RN10GY	BPR6EV
RN10Y	BPR6ES
RN10Y4	BPR6ES-11
RN11Y	BPR5ES
RN11YC	BPR5ES
RN11YCC	BPR5ES
RN11YC4	BPR5ES-11
RC12GY	BPR5EV
RN12MC4	BPR4EY-11
RN12Y	BPR5ES
RN12YC	BPR5ES
RN12YCC	BPR5ES
RN12YC4	BPR5ES-11
RN12YC6	BPR5ES-15
RN13L	ZGR5C
RN13LYC	BRE527Y-11
RN14LY	ZGR5C
RN14MC5	BPR4EY-11
RN14Y	BPR5ES
RN14Y6	BPR5ES-15
RN16Y	BPR4ES
RN16YC5	BPR4ES-13
RN74C	BR6EB-11
RN180B	BR7EM
RP7	DR8HS
RS5C	BR7EFS
RS7YC	BPR7EFS
RS9YC	BPR6EFS
RS9YCC	BPR6EFS
RS9YCC6	BPR6EFS-15
RS10LC	TR5-1
RS12YC	BPR5ES
RS12YC6	BPR5EFS-13
RS13LYC	TR4-2
RS14YC	BPR5EFS
RV8C	BR6FS
RV8C6	BR6FS-15
RV9YC	BPR6FS
RV12C	BR5FS
RV12C6	BR5FS-15
RV12YC	BPR5FS
RV12YC6	BPR5FS-15
RV15YC	BPR4FS
RV15YC4	BPR4FS-11
RV15YC6	BPR4FS-15
RV17YC	BPR4FS
RV17YC6	BPR4FS-15
RZN12Y	BPR5EFS
RZN12Y5	BPR5EFS-13
S6YC	R5724-8
S7YC	BP7EFS
S9YC	BP6EFS
S10YCC	BP5EFS
S12YC	BP5EFS
S57YC	R5724-10
S59YC	R5724-9
S279YC	BP6EFS

S281YC	BP6EFS
S379YC	BP7EFS
UD16	A-6
UJ2J	B8S
UJ4J	B7S
UJ6	B6S
UJ8	B6S
UJ12	B-2
UJ81C	B7S
UJ81J	B7S
UK10	A-6
UL4J	B7HS
UL17V	BUHXW-1
UL18V	BUHX
UL77V	BUHXW-1
UL81C	B7HS
UL81J	B7HS
UN19V	BUE
UN79Y	BP6ES
V4C	B7FS
V9YC	BP6FS
V12YC	BP5FS
V55C	R5673-10
V59C	R5673-9
V59YC	R5674-9
W10	G-2Z
W14	G-2Z
XJ10Y	BP6S
Y82	CM-6
Z6	C8HSA
Z7G	C7HV
Z8	C7HSA
Z9Y	C7HSA
Z10	C6HSA
Z10G	C7HV
Z12	C6HSA