

## TORCH-DENSO Cross reference chart

This chart should be used for guidance only. Design and material differences between manufacturers may vary the Heat Range. See recommendations section for specific engine applications. Where manufacturers' names and/or numbers are stated these are given for reference purpose only and do not indicate source of manufacture or any connection in the course of trade with the manufacturers named.

DENSO	IRIDIUM POWER	IRIDIUM TOUGH	TORCH
M17	-	-	A6
MA20PR-U	-	-	T6C
M22	-	-	A7
MA9P-U	-	-	T4TC
MA16P-U	-	-	T5TC
MA20P-U	-	-	T6TC
MA16PR-U	-	-	T5RTC
MA20PR-U	-	-	T6RTC
MA20PR-U	-	-	T6RC
MA20PR-U	-	-	T6RC-11
-	IW24	-	F8RP
-	IW27	-	F9RP
W31ES-U	IW31	-	F10P
IW31	IW31	-	F10P
IW31	IW31	-	F10P
W31ES-U	IW31	-	F10C
-	IW31	-	F10P
-	IW31	-	F10P
W31FS	-	-	E10C
W31FS	-	-	E10P
IW34	IW34	-	E11P
IW34	IW34	-	E11P
W9-U	-	-	G2
W9LM-US	-	-	GL2
W9LM-US	-	-	GL2
W14-U	-	-	G4C
W14-U	-	-	G4C-10
W14E	-	-	F4C
W14F-U	-	-	E4
W14F-U10	-	-	E4-10
W14F-U	-	-	E4C

W14L	-	-	H4C
W14LM-U	-	-	GL4
W14LM-U	-	-	GL4
W16ES-U	-	-	F5C
W16EKR-S11	IW16	VW16	F5C-11
W16ES-U	-	-	F5C
W16FS-U	-	-	E5C
W16S-U	-	-	G5C
W20EKR-S11	IW20	VW20	F6C
W20EKR-S11	IW20	VW20	F6C-11
W20EKR-S11	IW20	VW20	F6C-11
T20EP-U	IT20	VT20	Q6C
W20ES-U	-	-	F6C
W20ES-U	-	-	F6C-11
W20FS-U	IWF22	-	E6C
W20FS-U	IWF22	-	E6C-10
W20FS-U	IWF22	-	E6C
W16LS	-	-	H6C
W16LS	-	-	H6C
W20S-U	-	-	G6C
W20S-U	-	-	G6C
W22EKR-S11	IW22	VW22	F7C
W22EKR-S11	IW22	VW22	F7C-11
W22ES-U	-	-	F7C
W22ES-U	-	-	F7C
W22ES-U	-	-	F7C-11
W22EBR	-	-	F7JC
W22ES-U	-	-	F7P
W22FS-U	IWF22	-	E7C
W22FS-U	IWF22	-	E7C
W22FS-U10	IWF22	-	E7C-10
-	IWF22	-	E7P
W22S-U	-	-	G7C
W24ES-U	IW24	-	F8C
W24ES-V	IW24	-	F8P
IW01-24	IW24	-	F8P
IW24	IW24	-	F8P

W24ES-U	IW24	-	F8C
W24ES-U	IW24	-	F8C-11
-	IRE01-27 (IRIDIUM PACIFIC)	-	F8JC
-	IW24	-	F8P
W24FS-U	IWF24	-	E8C
W24FS-U	IWF24	-	E8C
W24FS-U10	IWF24	-	E8C-10
IWF24	IWF24	-	E8P
W24S-U	-	-	G8C
-	IW27	-	F9C
W27ES-V	IW27	-	F9P
IW27	IW27	-	F9P
W27ES-U	IW27	-	F9P
-	IW27	-	F9P
IWF27	IWF27	-	E9C
W27FS-U	IWF27	-	E9C
W27FS-U10	IWF27	-	E9C-10
-	IWF27	-	E9P
W27S-U	-	-	G9C
-	IQ16	VQ16	.K5RTP
-	IQ16	VQ16	.K5RTP
-	IQ20	VQ20	.K6RTP
-	IQ20	VQ20	.K6RTP
-	IQ22	VQ22	.K7RTP
-	IQ22	VQ22	.K7RTP
IQ24	IQ24	-	.K8RTP
Q14R-U11	-	-	.K4TC
Q14R-U11	-	-	.K4TC-11
Q16P-U11	IQ16	VQ16	.K5T
Q16P-U11	IQ16	VQ16	.K5T-11
Q16-U	IQ16	VQ16	.K5TC
Q16-U11	IQ16	VQ16	.K5TC-11
K20PBR	IK20	VK20	.K5TJC
Q16-U11	IQ16	VQ16	.K5F-11
Q20P-U	IQ20	VQ20	.K6T
Q20P-U11	IQ20	VQ20	.K6T-11
Q20-U	IQ20	VQ20	.K6TC

Q20-U11	IQ20	VQ20	.K6TC-11
K20PBR	IK20	VK20	.K6TJC
Q20-U11	IQ20	VQ20	.K6F-11
Q22P-U	IQ22	VQ22	.K7T
Q22PR-U11	IQ22	VQ22	.K7T-11
Q22P-U	IQ22	VQ22	.K7TC
Q22PR-U11	IQ22	VQ22	.K7TC-11
K22PB	IK22	VK22	.K7TJC
Q14R-U11	-	-	.K4RTC-11
Q14R-U11	-	-	.K4RF-11
Q16PR-U	IQ16	VQ16	.K5RT
Q16PR-U11	IQ16	VQ16	.K5RT-11
IQ16	IQ16	VQ16	.K5RTP-11
VQ16	IQ16	VQ16	.K5RTPP-11
PQ16R	IQ16	VQ16	.K5RTPP-11
PQ16R13	IQ16	VQ16	.K5RTPP-13
PQ16R8	IQ16	VQ16	.K5RTP-8
PQ16R-P11	IQ16	VQ16	.K5RTPP-11
Q16R-U	IQ16	VQ16	.K5RTC
Q16R-U11	IQ16	VQ16	.K5RTC-11
K20PBR	IK20	VK20	.K5RTJC
Q16R-U	IQ16	VQ16	.K5RF
Q16R-U11	IQ16	VQ16	.K5RF-11
Q16PR-U11	IQ16	VQ16	.K5RF-11
Q16R-U11	IQ16	VQ16	.K5RF-11
Q20PR-U	IQ20	VQ20	.K6RT
Q20PR-U11	IQ20	VQ20	.K6RT-11
IQ20	IQ20	VQ20	.K6RTP-11
VQ20	IQ20	VQ20	.K6RTP-11
PQ20R	IQ20	VQ20	.K6RTPP-11
PQ20R13	IQ20	VQ20	.K6RTPP-13
PQ20R8	IQ20	VQ20	.K6RTPP-8
PQ20R-P11	IQ20	VQ20	.K6RTPP-11
PQ20R-P8	IQ20	VQ20	.K6RTPP-8
Q20R-U	IQ20	VQ20	.K6RTC
Q20R-U11	IQ20	VQ20	.K6RTC-11
K20PBR	IK20	VK20	.K6RTJC

Q20R-U	IQ20	VQ20	.K6RF
Q20R-U11	IQ20	VQ20	.K6RF-11
Q20PR-U11	IQ20	VQ20	.K6RF-11
Q20R-U11	IQ20	VQ20	.K6RF-11
Q22PR-U	IQ22	VQ22	.K7RT
Q22PR-U11	IQ22	VQ22	.K7RT-11
Q22PR-U	IQ22	VQ22	.K7RTC
Q22PR-U11	IQ22	VQ22	.K7RTC-11
K22PBR-S	IK22	VK22	.K7RTJC
Q22PR-U	IQ22	VQ22	.K7RF
Q22PR-U11	IQ22	VQ22	.K7RF-11
Q22PR-U11	IQ22	VQ22	.K7RF-11
K16P-U	IK16	VK16	K5F
K16P-U11	IK16	VK16	K5F-11
K20P-U	IK20	VK20	K6F
K20P-U11	IK20	VK20	K6F-11
K22PR-U11	IK22	VK22	K7F-11
K22TM11	IK22	VK22	K7F-11
K16PR-U	IK16	VK16	K5RF
K16PR-U11	IK16	VK16	K5RF-11
K16PR-UR	IK16	VK16	K5RF-11
IK16	IK16	VK16	K5RTP
IK16	IK16	VK16	K5RTP-11
VK16	IK16	VK16	K5RTPP-11
VK16	IK16	VK16	K5RTPP-11
K20TXR	IK20	VK20	K5RDY
K16TR11	IK16	VK16	K5RDY-11
K16TNR-S9	IK16	VK16	K5RDY-9
PK16TR11	IK16	VK16	K5RDY-11
PK16TR13	IK16	VK16	K5RDY-13
K20TXR	IK20	VK20	K5RDY
K20TXR	IK20	VK20	K5RDY
K16PR-L11	IK16	VK16	K5RDY-11
PK16R11	IK16	VK16	K5RDY-11
PK16R8	IK16	VK16	K5RDY-8
-	IK16	VK16	K5RTQY
K16PR-U	IK16	VK16	K5RTC

K16PR-U11	IK16	VK16	K5RTC-11
K16PR-U11	IK16	VK16	K5RTC-11
-	-	VKA16	K5RTJY
-	IK16	VK16	K5RTP-11
K16R-U	IK16	VK16	K5RF
K16R-U11	IK16	VK16	K5RF-11
K16R-U	IK16	VK16	K5RF
K16R-U11	IK16	VK16	K5RF-11
K16PR-U	IK16	VK16	K5RF
K20PR-U	IK20	VK20	K6RF
K20PR-U11	IK20	VK20	K6RF-11
K20PR-UR	IK20	VK20	K6rTC
IK20	IK20	VK20	K6RTP
VK20T	-	VK20T	K6RTP
IK20	IK20	VK20	K6RTP-11
VK20	IK20	VK20	K6RTPP-11
VK20Y	-	VK20Y	K6RTPP
K20TXR	IK20	VK20	K6RD
K20TR11	IK20	VK20	K6RD-11
K20TNR	IK20	VK20	K6RD
K20TXR	IK20	VK20	K6RD
PK20TR11/SK20PR-A8	-	SK20PR-A8( $\phi$ 0.7mm bridge)	K6RDP
PK20TR11	IK20	VK20	K6RDP-11
K20TXR	IK20	VK20	K6RDY
K20TXR	IK20	VK20	K6RDY
-	-	VKA20	K6RDY
-	-	VKA20	K6RDY
K20TXR	IK20	VK20	K6RDY
K20PR-U	IK20	VK20	K6RTC
K20PR-L11	IK20	VK20	K6RTC-11
PK20R11	IK20	VK20	K6RTPP-11
PK20R13	IK20	VK20	K6RTPP-13
PK20R8	IK20	VK20	K6RTPP-8
PK20GR8	-	VKA20	K6RTPP-8
PK20R-P8	IK20	VK20	K6RTPP-8
K20TXR	IK20	VK20	K6RTQY
K20TXR	IK20	VK20	K6RTQY

K20TXR	IK20	VK20	K6RTQY
K20TXR	IK20	VK20	K6RTQY
K20TXR	IK20	VK20	K6RTQY
K20PR-U	IK20	VK20	K6RTC
K20PR-U11	IK20	VK20	K6RTC-11
K20PR-U11	IK20	VK20	K6RTC-10
SK20PR-A8	-	-	K6RTJP
-	IK20	VK20	K6RTP-11
K20R-U	IK20	VK20	K6RF
K20R-U11	IK20	VK20	K6RF-11
K20R-U	IK20	VK20	K6RF
K20R-U11	IK20	VK20	K6RF-11
K20PR-U	IK20	VK20	K6RFP
K20PR-U	IK20	VK20	K6RFP
K22PR-U	IK22	VK22	K7RF
K22PR-U11	IK22	VK22	K7RF-11
K22PR-UR	IK22	VK22	K7rF
IK22	IK22	VK22	K7RTP
IK22	IK22	VK22	K7RTP-11
VK22G	IK22G	VK22G	K7RTPP-11
VK22	IK22	VK22	K7RTPP
K22TNR-S	IK22	VK22	K7RD
K22TMR11	IK22	VK22	K7RD
K22TMR11	IK22	VK22	K7RD-11
K22TNR-S	IK22	VK22	K7RDY
K22PR-L11	IK22	VK22	K7RTC-11
K22PR-U11	IK22	VK22	K7RF-11
-	IK22	VK22	K7RTP-11
K22PR-U	IK22	VK22	K7RF
IK24	IK24	-	K8RTP
IK27	IK27	-	K9RTP
K16TNR-S9	IK16	VK16	K5RDY-9
K16TNR-S9	IK16	VK16	K5RTJY
K16TNR-S9	IK16	VK16	K5RTJY-10
K16TNR-S9	IK16	VK16	K5RTJY-10
K20PR-SU9	IK20	VK20	K6RDY
K20TNR-S	IK20	VK20	K6RDY

K20TNR-S9	IK20	VK20	K6RDY-9
K20PBR-S10	IK20	VK20	K6RTJY
K20PBR-S10	IK20	VK20	K6RTJY-10
K22TNR-S	IK22	VK22	K7RDY
K22PBR-S	IK22	VK22	K7RTJY
W14M-U	-	-	L4C
W20M-U	-	-	L6C
T20M-U	-	-	DJ8J
T20M-U	-	-	DJ8JY
W22M-U	-	-	L7C
W22M-U	-	-	L7C
T22M-U	-	-	DJ6J
W9LMR-US	-	-	L2RC
W9LMR-US	-	-	L2RC-10
W14MR-U	-	-	L4RC
W20MR-U	-	-	L6RC
T20M-U	-	-	RDJ8J
W22M-U	-	-	RDJ6J
-	IW31	-	F10TP
W9EP	-	-	F2T
W9EX-U	-	-	F2T
W9EP	-	-	F2TC
W9EX-U	-	-	F2TC
W9FP	-	-	E2T
W9FP-UL	-	-	E2T
W9FP-UL	-	-	E2TC
W14PR-U	-	-	G4T
W14EX-U	-	-	F4T
W14EX-U11	-	-	F4T-11
T16EPR-U	IT16	VT16	Q4TC
W14EP-U	-	-	F4TC
W14EX-U	-	-	F4TC
W14EX-U11	-	-	F4TC-11
W14EX-U11	-	-	F4TC-11
W14EX-U	-	-	F4F
W14EX-U11	-	-	F4F-11
T14PR-U	ITF16	-	P4TC

W14FP-U	-	-	E4T
W14FP-UL	-	-	E4T
W14FP-UL	-	-	E4TC
W14FP-UL10	-	-	E4TC-10
W14FP-UL	-	-	E4TC
W16EP-U	IW16	VW16	F5T
W14EX-U	-	-	F5T
W14EX-U11	-	-	F5T-11
W16EX-U	IW16	VW16	F5T
W16EX-U11	IW16	VW16	F5T-11
T16EPR-U	IT16	VT16	Q5TC
T16EPR-U15	IT16	VT16	Q5TC-13
J16AY	-	-	F5D
W16ET-S	IW16	VW16	F5D
W16ET-S	IW16	VW16	F5D
W16EX-U/W16EP-U	IW16	VW16	F5TC
W16EP11	IW16	VW16	F5TC-11
W16EP-U11	IW16	VW16	F5TC-11
W16EX-U11	IW16	VW16	F5TC-11
W16EX-U13	IW16	VW16	F5TC-13
W16EX-U/W16EP-U	IW16	VW16	F5TC
W16EP-U	IW16	VW16	F5TC
W16EPB10	IW16	VW16	F5TJC
W16EPB10	IW16	VW16	F5TJC-10
-	IW16	VW16	F5TP
-	IW16	VW16	F5TP-11
W16EX-U	IW16	VW16	F5F
W16EX-U11	IW16	VW16	F5F-11
T16P-U	ITF16	-	P5TC
W16FP-U	IWF16	-	E5TC
W16FP-U	IWF16	-	E5TC
W16P-U	-	-	G5TC
W20EP-U	IW20	VW20	F6T
W20EX-U	IW20	VW20	F6T
W20EX-U11	IW20	VW20	F6T-11
T20EP-U	IT20	VT20	Q6TC
T20EP-U15	IT20	VT20	Q6TC-13

W20ETR-L	IW20	VW20	F6D
W20ET-S	IW20	VW20	F6D
W20ET-S	IW20	VW20	F6D
W20ETR-L	IW20	VW20	F6D
W20ET-S	IW20	VW20	F6D
W20EP	IW20	VW20	F6TC
W20EP-U	IW20	VW20	F6TC
W20EX-U	IW20	VW20	F6TC
W20EP11	IW20	VW20	F6TC-11
W20EP-U11	IW20	VW20	F6TC-11
W20EX-U11	IW20	VW20	F6TC-11
W20EX-U13	IW20	VW20	F6TC-13
W20EP-U	IW20	VW20	F6TC
W20EPB	IW20	VW20	F6TJC
-	IW20	VW20	F6TP
-	IW20	VW20	F6TP-11
W20EX-U	IW20	VW20	F6F
W20EX-U11	IW20	VW20	F6F-11
T20P-U	ITF20	-	P6TC
W20FP-U	IWF20	-	E6TC
W20FP-U10	IWF20	-	E6TC-10
W20FR-L	IWF20	-	E6TC
-	IWF20	-	E6TP
W20P-U	-	-	G6TC
W22EP-U	IW22	VW22	F7T
T22EP-U	IT22	-	Q7TC
IT22	IT22	-	Q7TP
W22ETR-L	IW22	VW22	F7D
W22EP-U	IW22	VW22	F7TC
W22EP11	IW22	VW22	F7TC-11
W22EP-U11	IW22	VW22	F7TC-11
W22EPB	IW22	VW22	F7TJC
-	IW22	VW22	F7TP
-	IW22	VW22	F7TP-11
W22EP-U	IW22	VW22	F7F
W22FP-U	IWF22	-	E7TC
W22FP-U10	IWF22	-	E7TC-10

-	IWF22	-	E7TP
W24EP-U	IW24	-	F8TC
-	IW24	-	F8TP
W24FPR-U10	IWF24	-	E8T-10
W24FP-U	IWF24	-	E8TC
W24FPR-U10	IWF24	-	E8TC-10
W24FPR-U10	IWF24	-	E8TC-15
W24FR-L	IWF24	-	E8TC
W24FP-U	IWF24	-	E8TC-10
W27ES-U	IW27	-	F9TC
-	IW27	-	F9TP
W27FS-U	IWF27	-	E9TC
-	IWF27	-	E9TP
W14MP-U10	-	-	L4TC
W14MP-U10	-	-	L4TC-11
W20MP-U	-	-	L6TC
W20MP-U10	-	-	L6TC-11
T20MP-U	-	-	DJ8Y
W20MP-U	-	-	L6TF
W22MP-U	-	-	L7TC
T22MP-U	-	-	DJ6Y
W22MP-U	-	-	L7TF
-	-	-	L8TF
W14MPR-U10	-	-	L4RTC
W14MPR-U10	-	-	L4RTC-10
W20MPR-U10	-	-	L6RTC
W20MPR-U10	-	-	L6RTC-10
T20MP-U	-	-	RDJ8Y
W22MPR-U	-	-	L7RTC
-	-	-	RDJ6Y
-	IW31	-	F10RTP
W9EXR-U	-	-	F2RT
W9EXR-U	-	-	F2RTC
W9FP-UL	-	-	E2RTC
-	-	-	Q4RTC
W14EPR-U	-	-	F4RTC
W14EXR-U	-	-	F4RTC

W14EXR-U11	-	-	F4RTC-11
W14EXR-U13	-	-	F4RTC-13
W14EXR-U11	-	-	F4RTC-11
W14EXR-U	-	-	F4RF
W14EXR-U11	-	-	F4RF-11
T14PR-U	ITF16	-	P4RTC
T14PR-U15	ITF16	-	P4RTC-11
T14PR-U15	ITF16	-	P4RTC-15
W14FPR-UL	-	-	E4RT
W14FPR-UL	-	-	E4RTC
W14FPR-UL10	-	-	E4RTC-11
W14FPR-UL	-	-	E4RTC
W14PR-U	-	-	G4RTC
W16EPR-U	IW16	VW16	F5RT
W16EPR-U11	IW16	VW16	F5RT-11
W14EXR-U	-	-	F5RTC
W14EXR-U11	-	-	F5RTC-11
W16EXR-U	IW16	VW16	F5RTC
W16EXR-U11	IW16	VW16	F5RTC-11
T16EPR-U	IT16	VT16	P5RT
VT16	IT16	VT16	P5RTPP-13
T16EPR-U	IT16	VT16	P5RTC
T16EPR-U15	IT16	VT16	P5RTC-13
IT16	IT16	VT16	P5RTP
IW16	IW16	VW16	F5RTP
IW16	IW16	VW16	F5RTP-11
VW16	IW16	VW16	F5RTPP-11
VW16	IW16	VW16	F5RTPP
J16AYR	-	-	F5RDP
W16ETR-S	IW16	VW16	F5RD
W16DTR-S	-	-	F5RD
W16ETR-S	IW16	VW16	F5RDY
P16R	IW16	VW16	F5RTPP-11
¥P16R	-	VW20T	F5RTPP-11
P16R13	IW16	VW16	F5RTPP-13
W16EPR-U	IW16	VW16	F5RTC
W16EXR-U	IW16	VW16	F5RTC

W16EPR11	IW16	VW16	F5RTC-11
W16EXR-U11	IW16	VW16	F5RTC-11
W16EXR-U13	IW16	VW16	F5RTC-13
W16EXR-U	IW16	VW16	F5RTC
-	IW16	VW16	F5RTP
-	IW16	VW16	F5RTP-11
W16EXR-U	IW16	VW16	F5RF
W16EXR-U11	IW16	VW16	F5RF-11
T16PR-U	ITF16	-	P5RTC
T16PR-U11	ITF16	-	P5RTC-11
T16PR-U15	ITF16	-	P5RTC-15
W16FPR-U	IWF16	-	E5RTC
W20EPR-U	IW20	VW20	E6RT
IT20	IT20	VT20	Q6RTP-10
VT20	-	VT20	Q6RTPP-13
T20EPR-U	IT20	VT20	Q6RTC
T20EPR-U15	IT20	VT20	Q6RTC-13
T20EPR-U15	IT20	VT20	Q6RTC-15
IW20	IW20	VW20	F6RTP
VW20T	-	VW20T	F6RTP
IW20	IW20	VW20	F6RTP-11
VW20	IW20	VW20	F6RTPP-11
VW20	IW20	VW20	F6RTPP
W20ET-S	IW20	VW20	F6RD
W20DTR-S	-	-	F6RD
W20DTR-SA	-	-	F6RD
W20ETR-L	IW20	VW20	F6RD
P20R11	IW20	VW20	F6RTPP-11
P20R8	IW20	VW20	F6RTPP-8
W20EPR-U	IW20	VW20	F6RTC
W20EXR-U	IW20	VW20	F6RTC
W20EPR11	IW20	VW20	F6RTC-11
W20EPR-U11	IW20	VW20	F6RTC-11
W20EXR-U11	IW20	VW20	F6RTC-11
W20EXR-U13	IW20	VW20	F6RTC-13
IW20	IW20	VW20	F6RTP
IW20	IW20	VW20	F6RTP-11

W20EXR-U	IW20	VW20	F6RF
W20EXR-U11	IW20	VW20	F6RF-11
W20EXR-U	IW20	VW20	F6RF
T20PR-U	ITF20	-	P6RTC
IWF20	IWF20	-	E6RTI
W20FPR-U	IWF20	-	E6RTC
W20FPR-U10	IWF20	-	E6RTC-10
W20FR-L	IWF20	-	E6RTC
-	IWF20	-	E6RTP
W22EPR-U	IW22	VW22	F7RT
IW22	IW22	VW22	E7RTI
W22ETR-L8	IW22	VW22	F7RTP
W22EPR-U	IW22	VW22	F7RTC
W22EPR-U11	IW22	VW22	F7RTC-11
-	IW22	VW22	F7RTP
-	IW22	VW22	F7RTP-11
W22EPR-U	IW22	VW22	F7RF
W22EPR-U11	IW22	VW22	F7RF-11
IWF22	IWF22	-	E7RTI
W22FPR-U	IWF22	-	E7RTC
W22FPR-U	IWF22	-	E7RTC-10
-	IWF22	-	E7RTP
IW24	IW24	-	F8RTI
W24EPR-U	IW24	-	F8RTC
-	IW24	-	F8RTP
IWF24	IWF24	-	E8RTI
W24FPR	IWF24	-	E8RTC
W24FR-L	IWF24	-	E8RTC
IW27	IW27	-	F9RTI
W27ESR/W27ESR-U	IW27	-	F9RTC
-	IW27	-	F9RTP
W22FPR-U	IWF22	-	E7LTC-10
W24FPR-U10	IWF24	-	E7LTC-10
W24FPR-U10	IWF24	-	E7LTC-10
W24FPR-U10	IWF24	-	E7LTC-15
-	IWM31	-	G10RT
IWM31	IWM31	-	G10RTI

-	IWM31	-	G10RTP
W31ESR-U	IW31	-	F10RC
-	IW31	-	F10RI
IW31	IW31	-	F10RP
W31ESR-U	IW31	-	F10RC
W29EBR	IRE01-27 (IRIDIUM PAGING)	-	F10RJC
-	IW31	-	F10RP
W31ESR-U	IW31	-	F10RF
-	-	-	E10RI
W9LMR-US	-	-	BR2LM
W14E	-	-	F4RC
W14FR-U	-	-	E4RC
W14FR-L	-	-	E4RC
W14LMR-US	-	-	BR4LM
T16EPR-U	IT16	VT16	Q5R
W16ESR-U	-	-	F5RC
W16ESR-U	-	-	F5RC-11
T16R-U	-	-	P5RC
T16R-U15	-	-	P5RC-15
W16FSR	-	-	E5RC
W20ESR-U	-	-	F6RC
W20ESR-U	-	-	F6RC-11
T20R-U	-	-	P6RC-15
-	-	-	P6RP
IWF22	IWF22	-	E6RI
W20FSR-U	IWF22	-	E6RC
W20FSR-U	IWF22	-	E6RC-10
W20FR-L	IWF20	-	E6RC
W20SR-U	-	-	G6RC
T22EP-U	IT22	-	Q7R
T22EP-U	IT22	-	Q7RC
W25EDR14	-	-	F7RQC
W25EDR14	-	-	F7RQC-14
W22ESR-U	-	-	F7RC
W22ESR-U	-	-	F7RC-11
IWF22	IWF22	-	E7RI
W22FSR	IWF22	-	E7RC

W22FSR	IWF22	-	E7RC-10
W24EMR-C	IWM24	-	F8R-CM
IWM24	IWM24	-	F8RI-CM
W24ESR-U	IW24	-	F8R-CS
W24ESR-V	IW24	-	F8RI
IW24	IW24	-	F8RI
W25EDR14	IRE01-27 (IRIDIUM PACIFIC)	-	F8RQP
W25EDR14	IRE01-27 (IRIDIUM PACIFIC)	-	F8RQP-14
W24ESR/W24ESR-U	IW24	-	F8RC
W24ESR-U	IW24	-	F8RC
W24ESR-U	IW24	-	F8RC-11
-	IRE01-27 (IRIDIUM PACIFIC)	-	F8RJC
-	IW24	-	F8RP
W24FSR-U10	IWF24	-	E8R-CS10
IWF24	IWF24	-	E8RI
W24FSR	IWF24	-	E8RC
W24FSR-U10	IWF24	-	E8RC-10
W24FR-L	IWF24	-	E8RC
-	IWF24	-	E8RP
W27EMR-C	IWM27	-	F9R-CM
IWM27	IWM27	-	F9RI-CM
-	IWM27	-	F9RP-CM
W27ESR/W27ESR-U	IW27	-	F9R-CS
W27ESR-V	IW27	-	F9RI
W27ESR-V	IW27	-	F9RI
IW27	IW27	-	F9RI
IW27	IW27	-	F9RI
W27EDR14	IRE01-27 (IRIDIUM PACIFIC)	-	F9RQI-14
W27ESR	IW27	-	F9RC
W27ESR/W27ESR-U	IW27	-	F9RC
W27EBR	IRE01-27 (IRIDIUM PACIFIC)	-	F9RJC
-	IW27	-	F9RP
W27ESR/W27ESR-U	IW27	-	F9RF
IWF27	IWF27	IWF27	E9RI
W27FSR	IWF27	-	E9RC
W27FSR-U10	IWF27	-	E9RC-10
W20EP-S11	IW20	VW20	F6YC-11

T20EP-U	IT20	VT20	Q6YC
W22EP-S11	IW22	VW22	F7YC-11
SF24	-	-	E8YC
-	-	-	F10YC
SF50	-	-	E10YC
SF50	-	-	E10YC
SF51	-	-	E10YC
-	-	-	E10YC
W14EKR-S11	-	-	F4RYC-11
W16EKR-S11	IW16	VW16	F5RYC-11
W20EPBR-S	IW20	VW20	F5RJY
W20EPBR-S	IW20	VW20	F5RJY-10
W20EPBR-S	IW20	VW20	F5RJY-10
W20EPR-S11	IW20	VW20	F6RYC-11
W20EKR-S11	IW20	VW20	F6RYC-11
T20EPR-U	IT20	VT20	Q6RY
-	-	-	F6RQYP
W20EPBR-S	IW20	VW20	F6RJY
W22EP-S11	IW22	VW22	F7RY-11
W22EP-S11	IW22	VW22	F7RYC-11
IRE01-27	-	-	F7RQY
IRE01-27	-	-	F7RQYP
IRE01-27	-	-	F8RQYP
IRE01-27	-	-	F9RQY
IRE01-27	-	-	F9RQYP
SF24	-	-	E8LYC
W22FSR	IWF22	-	E7LC-10
U31FER9	-	-	C10EH-9
-	-	-	A2C
-	-	-	C50
U16FS-U	-	-	A5C/A5TC
U16FS-U	-	-	A5C/A5TC
U16FS-UB	-	-	A5C/A5TC
U20FS-U	IUF22	-	A6C/A6TC
U20FS-U	IUF22	-	A6C/A6TC
U22ES-N	IU22	-	C7E/B7C
U22FE9	-	-	C7EH-9

U22FS-U	IUF22	-	A7C/A7TC
U22FS-U	IUF22	-	A7C/A7TC
IUF22	IUF22	-	A7P/A7TP
IUF22	IUF22	-	A7P/A7TP
U24ES-N	IU24	-	C8E/B8C
U24FE9	IUH24	-	C8EH-9
IUH24	IUH24	-	C8EHP-9
-	IU24	-	C8EP/B8P
U24FS-U	IUF24	-	A8C/A8TC
U24FS-U	IUF24	-	A8C/A8TC
-	IUF24	-	A8P/A8TP
U27ES-N	IU27	-	C9E/B9C
U27FE9	IUH27	-	C9EH-9
IUH27	IUH27	-	C9EHP-9
-	IU27	-	C9EP/A9P
-	-	-	A4-CM
-	-	-	A4R-CM
-	-	-	A5R-CM
-	-	-	A6R-CM
-	-	-	A6R-CM
-	-	-	A7R-CM
-	-	-	A7R-CM
U20EPR9			CPR6EA-9/B6RTC-9
U22EPR9	-	-	CPR7EA-9/B7RTC-9
IU22	IU22	-	CPR7P-9/B7RTI-9
N24EXRB	-	-	CPR8E/B8RTC
U24EPR9	IU24/IU24A	-	CPR8EA-9/B8RTC-9
-	IU24/IU24A		CPR8EA-9/B8RTC-9
U27EPR9	IU27/IU27A	-	CPR8EA-9/B8RTC-9
-	IU27/IU27A		CPR8EA-9/B8RTC-9
U31ESR-N	IU31	-	CR10E/B10RC
U31FER9	-	-	CR10EH-9
IU31D	IU31	-	CR10EIA-9
U31ETR	IU31A	-	CR10EK/B10RD
-	-	-	A4RTC
U14FSR-UB	IUF14-UB	-	A4RTC
U16FER9	-	-	CR5EH-9

-	-	-	A5RTI
U16FSR-U	-	-	A5RC
U16FSR-U	-	-	A5RC
U16FSR-UB	-	-	A5RC (Integral terminal)
U20ESR-N	IU20	-	CR6E/B6R
-	-	-	CR6EH-9
IU20	IU20	-	CR6EIA-9
IUF22	IUF22	-	A6RI
U20FSR-U	IUF22	-	A6RC
U20FSR-U	IUF22	-	A6RC
U22ESR-N	IU22	-	CR7E/B7R
-	IU22	-	CR7EB/B7R(Integral terminal)
U22FER9	-	-	CR7EH-9
IU22	IU22	-	CR7EIX/B7RI
U22ETR	IU24A	-	CR7EK/B7RD
-	IU22	-	CR7EKB/B7RD(integral terminal)
IUF22	IUF22	-	A7RI
U22FSR-U	IUF22	-	A7RC
U22FSR-U	IUF22	-	A7RC
U24ESR-N	IU24	-	CR8E/B8R
U24ESR-NB	IU24	-	CR8EB/B8R(Integral terminal)
U24FER9	IUH24	-	CR8EH-9
U24FER9S	IUH24	-	CR8EH-9
IUH24	IUH24	-	CR8EHI-9
-	IUH24	-	CR8EHP-9
IU24	IU24	-	CR8EIB/B8RI(Integral terminal)
IU24	IU24	-	CR8EIB-10/B8RI-10(Integral terminal)
IU24	IU24	-	CR8EIX/B8RI
U24ETR	IU24A	-	CR8EK/B8RD
-	IU24A	-	CR8EKB/B8RD(integral terminal)
IU24A	IU24A	-	CR8EKPA/B8RDP
-	IU24	-	CR8EVX/B8RP
IUF24	IUF24	-	A8RI
U24FSR-U	IUF24	-	A8RC
U24FSR-U	IUF24	-	A8RC
IUF24	IUF24	-	A8RP
U27ESR-N	IU27	-	CR9E/B9R

U27ESR-NB	IU27	-	R9EB/BR9(Integral termin
U27FER9	IUH27	-	CR9EH-9
-	IUH27	-	CR9EHS-9
IUH27	IUH27	-	CR9EHI-9
-	IUH27	-	CR9EHP-9
IU27D	IU27	-	CR9EIA-9/B9RI-9
IU27	IU27	-	CR9EI/B9RI
U27ETR	IU27A	-	CR9EK/B9RD
-	IU27A	-	9EKB/B9RD(Integral termin
IU27A	IU27A	-	CR9EKPA/B9RDP
-	IU27	-	CR9EP/B9RP
W9LM-US			GL2C
W20M-U			L6C/BM6A
W14LM-U			GL4C
W14M-U			L4C/BM4A
X31ESR-U	-	-	D10C
-	-	-	DE10C
X16FSR-U	-	-	DE5C
X20ES-U	-	-	D6C
X20FS-U	-	-	DE6C
X22ES-U	IX22	-	D7C
-	IX22	-	D7P
X24ES-U	IX24	-	D8C
-	IX24	-	D8P
X24FS-U	-	-	DE8C
X27ES-U	IX27	-	D9C
-	IX27	-	D9P
XU20EP-U	-	-	DK6TC
XU22EP-U	IXU22	VXU22	DK7TC
-	IXU22	VXU22	DK7TP
XU24EP-U	IXU24	VXU24	DK8TC
-	IXU24	VXU24	DK8TP
XU20EPR-U	-	-	DK6RTC
-	-	-	DK6RTP
XU22EPR-U	IXU22	VXU22	DK7RTC
XU22PR9	IXU22	VXU22	DK7RTC-9
IXU22	IXU22	VXU22	DK7RTI

VXU22	IXU22	VXU22	DK7RTIP
XU22EPR-U	IXU22	VXU22	DK7RTC
XU22EPR-U	IXU22	VXU22	DK7RTC-10
-	IXU22	VXU22	DK7RTP
XU24EPR-U	IXU24	VXU24	DK8RTC
XU24EPR-U	IXU24	VXU24	DK8RD
IXU24	IXU24	VXU24	DK8RDP
XU24EPR-U	IXU24	VXU24	DK8RTC
-	IXU24	VXU24	DK8RTP
XU27EPR-U	IXU27	-	DK8RTC
-	IXU27	-	DK9RTP
IXU22	IXU22	VXU22	DK7RI
IXU24	IXU24	VXU24	DK8RI
IXU27	IXU27	-	DK8RI
FXE20HE11	-	-	K6TC-11(no-gasket)
FXE20HR11	-	-	K6TS-11(small fine wire)
-	-	-	K6RTII-13(racing)
FK16HR11	-	-	KH5RTII-11
FK16HR11	-	-	KH5RTII-11
FK20HR11	-	-	KH6RTII-11
FXE20HR11	-	-	DH6RTII-11
-	-	-	DH8RTII-8
-	-	-	DH7RTII(racing)
-	-	-	DH7RTII(racing)
-	IU24	-	B8RTII-10
X20EPR-U9	-	-	D6TC-9
X22EP-U9	IX22B	-	D7TC-9
-	IX22B	-	D7TP-9
X24EP-U9	IX24B	-	D8TC-9
-	IX24B	-	D8TP-9
X27EP-U9	IX27B	-	D9TC-9
-	IX27B	-	D9TP-9
X16EPR-U9	-	-	D5RTC-9
X20EPR-U9	-	-	D6RTC-9
-	-	-	D6RTC-9(Integral terminal)
X22EPR-U9	IX22B	-	D7RTC-9
IX22B	IX22B	-	D7RTI-9

-	IX22B	-	D7RTP-9
X24EPR-U9	IX24B	-	D8RTC-9
IX24B	IX24B	-	D8RTI-9
-	IX24B	-	D8RTP-9
-	IX24B	-	D8RTP-9
X27EPR-U9	IX27B	-	D9RTC-9
IX27B	IX27B	-	D9RTI-9
-	IX27B	-	D9RTP-9
X16FSR-U	-	-	C5RC
X20ESR-U	-	-	D6RC
X20FSR-U	-	-	C6RC
X22ESR-U	IX22	-	D7RC
X22ESR-U	IX22	-	D7RC
X24ESR-U	IX24	-	D8RC
-	IX24	-	D8RC(integral terminal)
IX24	IX24	-	D8RI
X27ESR-U	IX27	-	D8RC
X24ESR-U	IX24	-	D8RC
-	IX24	-	D8RP
X24FS-U	-	-	C8RC
X27ESR-U	IX27	-	D9RC
IX27	IX27	-	D9RI
Y31FER-C	IY31	-	J10R
Y24FER-C	IY24	-	J8R
IY24	IY24	-	J8RI
Y24FER-C	IY24	-	J8R
Y27FER-C	IY27	-	J9R
IY27	IY27	-	J9RI
-	-	-	RC non-gasket speical plat
K16PR-U	IK16	VK16	K4RTC
K16PR-U11	IK16	VK16	K4RTC-11
IK16	IK16	VK16	K4RTP-11
K20PR-U	IK20	VK20	K5RTC
KJ20CR-L11	IK20	VK20	K5RTC
IK16	IK16	VK16	K5RTP-11
IK16	IK16	VK16	K5RTP
K16PSR-B8	IK16	VK16	K5RTI

IK20	IK20	VK20	K6RTP-11
K20PSR-B8	IK20	VK20	K6RTI
K20PSR-B8	IK20	VK20	K6RTI
IK22	IK22	VK22	K7RTI(special plating)
PK22PR11	IK22	VK22	K7RTP-10
IK27C11	IK27	-	K9RTI-11
W14EXR-U	-	-	F4RTC
W14EXR-U11	-	-	F4RTC-11
IW16	IW16	VW16	F4RTI
W16EXR-U	IW16	VW16	F5RTC
IW16	IW16	VW16	F5RTI-10
IW16	IW16	VW16	F5RTI
HAMP-IK16F	IK16	VK16	K5RTII-11
HAMP-IK20F	IK20	VK20	K6RTII-11
HAMP-IQ20F	IQ20	VQ20	K6RTII-11
HAMP-IK16FJ	IK16	VK16	ZFR5FII-11
HAMP-IK20FJ	IK20	VK20	ZFR6FII-11
HAMP-IKD20F	IK20	VK20	ZFR6KII-11
-	-	VKB20	K6RTJIP-11
SK16R11	IK16	VK16	K5RTIP-11
SK16R-P8	IK16	VK16	K5RTIP-8
VK16	IK16	VK16	K5RTIP-10
•SK16PR-A11	IK16	VK16	K5rTIP-11
SK16PR-L11	IK16	VK16	K5RTCCIP-11
VK16	IK16	VK16	K5RDI-11
VK16PRZ11	IK16	VK16	K5RTIP-11
VK16	IK16	VK16	K5RTIP-11
SK20R11	IK20	VK20	K6RTIP-11
SVK20RZ8	-	VK20Y	K6RTIP
SVK20RZ8	-	VK20Y	K6RTIP
SK20PR-L9	IK20	VK20	K6RTIP
SK20PR-L9S	IK20G	VK20G	K6RTIP
VK20	IK20	VK20	K6RTIP-10
VK20	IK20	VK20	K6rTIP-11
SVK20RZ8	-	VK20Y	K6RTIP
SVK20RZ11	IK20	VK20	K6RDI-11
VK20PRZ11	IK20	VK20	K6RTIP-11

VK20Y	-	VK20Y	K6RTQI
VK20G	IK20G	VK20G	K6RTQI
SK20PR-A8	IK20	VK20	K6RTIP
SK20R11	IK20	VK20	K6RTJI-11
VK22	IK22	VK22	K7RTIP
VK22	IK22	VK22	K7RTIP
VK22	IK22	VK22	K7RTIP
SK22PR-M11	IK22	VK22	K7RTCI-11
SK22PR-M11S	IK22G	VK22G	K7RTCI-11
VK22PRZ11	IK22	VK22	K7RTIP-11
VK24PRZ11	IK24	-	K8RTIP-11
VK24PRZ11	IK24	-	K8RTIP-11
VK27PRZ11	IK27	-	K9RTIP-11
VK27PRZ11	IK27	-	K9RTIP-11
VW16	IW16	VW16	F5RTIP-10
VW20	IW20	VW20	F6RTIP-11
VW20	IW20	VW20	F6RTIP-10
VW22	IW22	VW22	F7RTIP
VW22	IW22	VW22	F7RTIP
VW22	IW22	VW22	F7RTIP-10
VX22BC	IX22B	-	D7RTIP-9
ZXU20PR11	-	-	DK6RTIP-11
VXU22	IXU22	VXU22	DK7RTIP
VXU22	IXU22	VXU22	DK7RTIP
SXU22PR9	IXU22	VXU22	DK7RTIP
SXU22PR9	IXU22	VXU22	DK7RTIP
VXU22	IXU22	VXU22	DK7RTIP-9
-	IXU27	-	DK9RTIP-8
SK16HR11	IKH16	VKH16	KH5RTIP-11
VKH20	IKH20	VKH20	KH6RTIP
VKH20/VKH20Y	IKH20	VKH20/VKH20Y	KH6RTIP
VKH20	IKH20	VKH20	KH6RTIP
SK20HR11	IKH20	VKH20	KH6RTIP-11
FK20HR11	-	-	KH6RTIP-11
VKH20	IKH20	VKH20	KH6RTIP
SK20HPR-L11	IKH20	VKH20	KH6RTIP-11
VKH22	IKH22	VKH22	KH7RTIP

VKH22	IKH22	VKH22	KH7RTIP
SC20HR11	-	-	DH7RTIP-11(hex 14)
ZXU22HBR11 (Daihatsu route only)	-	-	DH7RTJI-11(hex 14)
SXU22HDR8	IXUH22	VXUH22	DH7RTIP-8(hex 14)
SXU22HR9(Use SXU22HBR9)	-	-	DH7RTIP-9(hex 14)
SXU22HPR9	-	-	DH7RTIP-9(hex 14)
-	-	-	DH8rTIP-6(hex 14)
-	-	-	QH5RTIP-13
-	ITL16	-	QH5RTIP-11
-	ITL16	-	QH5RTIP-11
-	-	-	QH6RTIP-13
-	-	-	QH6RTIP-8
-	ITL20	-	QH6RTIP-11
VKH16	IKH16	VKH16	KHR5TIP
VKH20	IKH20	VKH20	KH6RTIP-11
VKH20	IKH20	VKH20	KH6RTIP
VKH20	IKH20	VKH20	KH6RTIP-11
VKH20	IKH20	VKH20	KH6RTIP
VKH20	IKH20	VKH20	KH6RTIP
-	-	-	DH7RTIP(hex 14)
-	-	-	DH7RTIP-10(hex 14)
-	-	-	DH7RTIP-8(Bi Hex)
VXUH22	IXUH22	VXUH22	DH7RTIP(hex 14)
SXU22HCR11	-	-	DH7RTIP-11(hex 14)
-	-	-	DH7RTIP-11(hex 14)
SXU22HCR11S	-	-	DH7RTIP-11(hex 14)
VNH24Z	-	-	B8RTIP-9(special thread)
VUH24D•	IUH24	-	B8RTIP-9(special thread)
-	-	-	B8rTIP-9(special thread)
IUH27D	IUH27	-	B9RTIP-9(speical thread)
VNH27Z	-	-	B9RTIP-9(speical thread)
VUH27D•	IUH27	-	B9RTIP-9(speical thread)
VUH27D•	IUH27	-	B9rTIP-9(speical thread)
VUH27ES	-	-	B9rTIP-9(speical thread)
-	-	-	TIP-9(speical thread & plaT)
VT16	IT16	VT16	Q4RTIP-15
VT16	IT16	VT16	Q5RTIP-13

VT20	IT20	VT20	Q6RTIP-13
-	-	VKB16	ZFR5TIP
-	-	VKA16	ZFR5TIP
SKJ16CR-L11	IK16	VK16	ZFR5TIP-11
-	-	-	ZFR5TCIP
-	-	-	ZFR5DI
SKJ16DR-M11	IK16	VK16	ZFR5TIP-11
SKJ16CR-L11	IK16	VK16	ZFR5TIP-11
-	-	VKB20	ZFR6TIP
-	-	-	ZFR6TIP-11
VKJ20RZ-M11	IK20	VK20	ZFR6TIP-11
VK20	IK20	VK20	ZFR6TIP-11
-	-	-	ZFR6DI
SKJ20DR-M11	IK20	VK20	ZFR6TIP-11
SKJ20DR-M11S	IK20G	VK20G	ZFR6TIP-11
SKJ20DR-M13	IK20	VK20	ZFR6TIP-13
-	-	-	ZFR7TIP
-	-	-	ZFR7TIP
VXU22	IXU22	VXU22	ZFR7TIP
X31ETR	-	-	D10C
X31ETR	-	-	D10C
X27ETR	IX27	-	D9C
X27ETR	IX27	-	D9C
X31ETR	-	-	D10RC
-	IX24	-	D8RC
X27ETR	IX27	-	D9RC
X27ETR	IX27	-	D9RC
X27ETR	IX27	-	D9RC
IXU22	IXU22	VXU22	DK7RTIP
IXU24	IXU24	VXU24	DK8RTIP
IXU24	IXU24	VXU24	DK8RTIP
IXU27	IXU27	-	DK9RTIP
K16HPR-U11	IKH16	VKH16	KH5RTC-11
IKH16	IKH16	VKH16	KH5RTIP-11
VKH16	IKH16	VKH16	KH5RTIP-11
IKH16	IKH16	VKH16	KH5RTQP
IKH16	IKH16	VKH16	KH5RTPP-11

K20HR-U11	IKH20	VKH20	KH6RTC-11
IKH20	IKH20	VKH20	KH6RTIP-11
VKH20	IKH20	VKH20	KH6RTIP-11
VKH20Y	IKH20	VKH20Y	KH6RTIP
IKH20	IKH20	VKH20	KH6RTP-11
IKH20	IKH20	VKH20	KH6RTP-9
IKH20	IKH20	VKH20	KH6RTQP
IKH20	IKH20	VKH20	KH6RTP-11
K20HR-U11	IKH20	VKH20	KH6RTC-11
K20HR-U11	IKH20	VKH20	KH6RTC
VKH22	IKH22	VKH22	KH7RTIP
-	-	-	DH8RTC-9
XU22HDR9	IXUH22	VXUH22	DH7RTC
XU22HDR9	IXUH22	VXUH22	DH7RTC
XU22HDR9	IXUH22	VXUH22	DH7RTC-9
XU22HR9	-	-	DH7RTC
-	-	-	DH7RTC
-	-	-	DH7RTP
-	-	-	DH7RTP
-	-	-	DH7RTP-9
-	-	-	DH7RTQP
IKH20	IKH20	VKH20	KH6RTC
-	-	-	KH6RTQP
-	-	-	KH6RTJC
-	ITL16	-	QH4RTC-11
-	ITL16	-	QH4RTCP
ITL16	ITL16	-	QH4RTI-13
-	ITL20	-	QH5RTC-13
-	ITL20	-	QH5RTCP
PQ16R	IQ16	VQ16	K5RTPP-11
PK16R8	IK16	VK16	K5RTPP
PK16PR(-L)11	IK16	VK16	K5RTPP-11
PK16R11	IK16	VK16	K5RTPP-11
PK16R11	IK16	VK16	K5RTPP-11
PK16R8	IK16	VK16	K5RTPP-9
PK16R8	-	VK20T	K5RTPP(special plating)
PK16R11	IK16	VK16	K5RTPP-11

PQ16R	IQ16	VQ16	K5RTPP-11
PK16PR(-L)11	IK16	VK16	K5RTCPP-11
PK16PR(-L)11	IK16	VK16	K5rTCPP-11
PK16PR-L11	IK16	VK16	K5rTCPP-13
PK16PR-P11	IK16	VK16	K5RDPP-11
PQ16R	IQ16	VQ16	K5RTPP-11
PK16PR(-L)11	IK16	VK16	K5RTPP-11
VK16	IK16	VK16	K5RTPP-13
PK16PR(-L)11	IK16	VK16	K5RTPP-11
PK16R8	IK16	VK16	K5RTPP
PK16PR(-L)11	IK16	VK16	K5RTPP-11
PK16PR(-L)11	IK16	VK16	K5RTPP-11
PQ20R	IQ20	VQ20	K6RTPP-11
PK20PR-P8	IK20	VK20	K6RTPP
PK20PR11	IK20	VK20	K6RTPP-11
PK20R11	IK20	VK20	K6RTPP-11
PK20PR-P8	IK20	VK20	K6RTPP-9
PK20R8	-	VK20T	K6RTPP(special plating)
PK20R11	IK20	VK20	K6RTPP-11
PK20PR-P8	IK20	VK20	K6rTPP
PK20PR-P8	-	VK20/VK20Y (use VK20Y at T/C S/C M/C engine)	K6RTCPP
PK20PR11	IK20	VK20	K6RTCPP-11
PK20PR-L11	IK20	VK20	K6RTCPP-11
PK20PR11	IK20	VK20	K6rTCPP-11
PK20PR-L11	IK20	VK20	K6rTCPP-11
PK20PR-L13	IK20	VK20	K6RTCPP-13
PK20PR-L13	IK20	VK20	K6rTCPP-13
PK20PR-P8	-	VK20/VK20Y (use VK20Y at T/C S/C M/C engine)	K6RTCPP-9
PK20PR11	IK20	VK20	K6RTPP-10
PK20PR-P8	IK20	VK20	K6RDPP
PK20PR-P11	IK20	VK20	K6RDPP-11
PK20PR-L13	IK20	VK20	K6RDPP-13
PQ20R	IQ20	VQ20	K6RTPP-11
PK20PR-L13	IK20	VK20	K6RTPP-13
PK20PR-P8	IK20	VK20/VK20Y (use VK20Y at T/C S/C M/C engine)	K6RTPP
PK20PR-L11	IK20	VK20	K6RTPP-11
PK20R8	IK20	VK20/VK20Y (use VK20Y at T/C S/C M/C engine)	K6RTPP

P20PR(-L)11	IK20	VK20	K6RTPP-11
PK20PR-P8	IK20	VK20/VK20Y (use VK20Y at T/C C/C M/C entries)	K6RTQPP
PK20PR-L11	IK20	VK20	K6RTPP-11
PK20PR-L11	IK20	VK20	K6RTJP-10
PK20PR-L11	IK20	VK20	K6RTJCP-10
PK20PR-P8	IK20	VK20	K6RTJCP
PK20PR-L11	IK20	VK20	K6RTCP-11
PK20PR-L11	IK20	VK20	K6RTPP-10
-	-	VKB20	
PK20PR-L11	IK20	VK20	K6RTPP-11
VQ22	IQ22	VQ22	K7RTPP-11
PK22PR8	IK22	VK22	K7RTPP
PK22PR11	IK22	VK22	K7RTPP-11
PK22PR8	IK22	VK22	K7RTPP-9
PK22PR8	IK22	VK22	K7RTPP
PK22PR8	IK22	VK22	K7RTCPP
PK22PR11	IK22	VK22	K7RTCPP-11
PK22PR-L11	IK22	VK22	K7RTCPP-11
PK22PR-L11S	IK22G	VK22G	K7RTCPP-11
PK22PR8	IK22	VK22	K7RTCPP-9
PK22PR11	IK22	VK22	K7RTPP-10
PK22PR8	IK22	VK22	K7RTPP
PK22PR8	IK22	VK22	K7RTPP
PK22PR8	IK22	VK22	K7RTQP
P16PR8	IW16	VW16	F5RTPP
P16PR11	IW16	VW16	F5RTPP
P20PR8	IW20	VW20	F6RTPP
P20R8	IW20	VW20	F6RTPP
P20PR11	IW20	VW20	F6RTPP-11
P20R11	IW20	VW20	F6RTPP-11
P20R8	IW20	VW20	F6RTPP
P20PR11	IW20	VW20	F6RTPP
P20PR-S11	IW20	VW20	F6RTPP
P20R11	IW20	VW20	F6RTPP
P22PR8	IW22	VW22	F6RTPP
IX22B	IX22B	-	D7RTPP
IX24B	IX24B	-	D8RTPP

VXU22	IXU22	VXU22	DK7RTPP
VKH16	IKH16	VKH16	KH4RTPP-11
VKH16	IKH16	VKH16	KH5RTPP-11
VKH16	IKH16	VKH16	KH5RTPP-11
VKH20	IKH20	VKH20	KH6RTPP-11
VKH20	IKH20	VKH20	KH6RTPP-9
-	-	-	DH6RTPP
SXU22HDR8	-	-	DH7RTPP
SXU22HR9	-	-	DH7RTPP
ITV20	ITV20	-	QH6RTCPC-10
FXE20HR11	-	-	DHZ6RTPP-11
-	-	-	DHZ7RTCPC(BiHex)
-	ITL16	-	QH5RTPP-13
IU22	IU22	-	B7RTPP
IU24	IU24	-	B8RTPP
IU24	IU24	-	B8RTPP
IU27	IU27	-	B9RTPP
PT16EPR-L13	IT16	VT16	Q4RTPP-15
PT16EPR-L13	IT16	VT16	Q4RTCPC-15
PT16VR10	ITV16	-	Q4RTPP-10
PT16VR13	ITV16	-	Q5RTPP-13
PT16EPR-L13	IT16	VT16	Q5RTPP-13
VT20	IT20	VT20	Q6RTCPC-13
VT20	IT20	VT20	Q6rTTP-13
VT20	IT20	VT20	Q6rTTP-13
-	-	VKB16	ZFR5TTP
-	-	VKA16	ZFR5TTP
PKJ16CR-L11	IK16	VK16	ZFR5TTP-11
PKJ16CR-L11	IK16	VK16	ZFr5TTP-11
PKJ16CR8	IK16	VK16	ZFR5TTP
PKJ16CR-L11	IK16	VK16	ZFR5TTP-11
PKJ16CR-L13	IK16	VK16	ZFR5TTP-13
PKJ16CR-L11	IK16	VK16	ZFR5DPP-11
		VKA16	ZFR5TJP-11
		VKA16	ZFR5TJPC-11
-	-	VKB20	ZFR6TTP
PKJ20CR-L11	IK20	VK20	ZFr6TTP-11

PKJ20CR8	IK20	VK20	ZFR6TPP
PKJ20CR-L11	IK20	VK20	ZFR6TPP-11
PKJ20CR-L11	IK20	VK20	ZFR6DPP-11
PKJ20CR8	IK20	VK20	ZFR6TPP
PT16EPR-L13	IT16	VT16	QH5RTPP-15
VKH20Y	-	VKH20Y	KH6RTIP
VKH20	IKH20	VKH20	KH6RTIP-11
VKH20Y	-	VKH20Y	KH6RTIP-6
-	-	-	DH8RTIP
SXU22HR9	-	-	DHZ7RTIP(hex 14)
T16EPR-U	IT16	VT16	Q4RTC
T16EPR-U	IT16	VT16	Q4RTC
IT16	IT16	VT16	Q4RTI
IT16	IT16	VT16	Q4RTP
T20EPR-U	IT20	VT20	Q5RTC
T20EPR-U	IT20	VT20	Q5RTC
IT20	IT20	VT20	Q5RTI
IT20	IT20	VT20	Q5RTP
T20EPR-U15	IT20	VT20	Q5RTC
IT20	IT20	VT20	Q5RTP
IT20	IT20	VT20	Q5RTI
IT20	IT20	VT20	Q5RTP
T16VR-U10	ITV16	-	Q5RTC-13
T16VR-U10	ITV16	-	Q5RTC-13
IT20	IT20	VT20	Q5RTI
IT20	IT20	VT20	Q5RTP
T20EPR-U	IT20	VT20	Q6RTC
-	ITV20	-	Q6RTC-10
-	ITV20	-	Q6RTC-13
IT20	IT20	VT20	Q6RTI
T16PR-U	ITF16	-	P4RTC
T16PR-U15	ITF16	-	P4RTC
T16PR-U15	ITF16	-	P4RTC
ITF16	ITF16	-	P4RTI
ITF16	ITF16	-	P4RTP
ITF16	ITF16	-	P4RTI
ITF16	ITF16	-	P4RTP

T20PR-U	ITF20	-	P5RTC
T20PR-U11	ITF20	-	P5RTC
T20PR-U15	ITF20	-	P5RTC
ITF20	ITF20	-	P5RTI
-	ITF20	-	P5RTP
ITF20	ITF20	-	P5RTI
-	ITF20	-	P5RTP
ITF20	ITF20	-	P6RTI
-	ITF20	-	P6RTP
MA9P-U	-	-	T4RTC
MA20PR-U	-	-	T5RTC
-	-	-	T5RTI
W16PR-U	-	-	G4RTC
W16PR-U	-	-	G4RTC
W16PR-U	-	-	G4RTC
-	-	-	G4RTI
-	-	-	G4RTI
W20PR-U	-	-	G5RTC
-	-	-	G5RTI
T20R-U	-	-	P5RC
T20R-U	-	-	P5RC
ITF20	ITF20	-	P5RI
-	ITF20	-	P5RP
ITF20	ITF20	-	P5RI
-	ITF20	-	P5RP
QJ20CR11	IQ20	VQ20	ZF6A-11
KJ14CR-L11(HONDA)	-	-	ZFR4F-11
KJ14CR11(MAZDA)	-	-	ZFR4F-11
QJ16CR11	IQ16	VQ16	.K5RTC
KJ16CR	IK16	VK16	ZFR5F
KJ16CR-L11(HONDA)	IK16	VK16	ZFR5F-11
KJ16CR11(MAZDA)	IK16	VK16	ZFR5F-11
KJ16CR- L11(MITSUBISHI)	IK16	VK16	ZFR5F-11
IK16	IK16	VK16	ZFR5FI-11
VK16	IK16	VK16	ZFR5FIP-11
K16DTR-S11	-	-	ZFR5CC
KJ16CR-L11	IK16	VK16	ZFR5D-11

VK16	IK16	VK16	ZFR5CP-13
KJ16CR-L11	IK16	VK16	ZFR5F-11
KJ16CR-L11	IK16	VK16	ZFR5CP
QJ20CR11	IQ20	VQ20	.K6RTC-11
KJ20CR-L11(HONDA)	IK20	VK20	ZFR6F-11
KJ20CR11(MAZDA)	IK20	VK20	ZFR6F-11
IK20	IK20	VK20	ZFR6FI-11
VK20	IK20	VK20	ZFR6FIP-11
K20DTR-S11	-	-	ZFR6CC
KJ20CR-L11	IK20	VK20	ZFR6D-11
KJ20DR-M11	IK20	VK20	ZFR6F-11
KJ20DR-M11S	IK20G	VK20G	ZFR6F-11
VK20G	IK20G	VK20G	ZFR6FIP-11
-	-	-	ZFR6FQC
-	-	VKA20	ZFR6FJCC
KJ22CR-L8	IK22	VK22	ZFR7F
KJ22CR-L11	IK22	VK22	ZFR7F-11
KJ22CR-L11	IK22	VK22	ZFR7F-11
J16CR-U	IW16	VW16	F5RTC
J16CR-U	IW16	VW16	F5RTC
J16CR-U	IW16	VW16	F5RTC
J16CR-U	IW16	VW16	F5RTC
W20DTR-S	-	-	F6RTC-11
XU22EPR-U	IXU22	VXU22	DK7RTC
IU22	IU22	-	B7RTPP





































og)

gar)

og)

al)  
minal)

gar)

al)

nal)



ing





IPng)