

Top Secret for z/OS 16.0
CA RS 2210 Service List

1

Service	Description	Type
LU06656	AFTER A TSS CREATE(XXXX) THE PASSWORD INTERVAL IS INVALID	PTF
LU06830	USER DEFINED RESOURCE CLASS POSIT VALUE MAY BE INVALID	PTF
LU07029	MFA USER GETTING SUSPENDED WITHOUT PASSWORD IN CICS	PTF
LU07170	CCSR010E TSSRSVCS S653 AT 0B3EF0DE LMOD IGC0008C CSECT N/A	PTF
LU07316	OC1/OC4 ABENDS AFTER TSS ADD(SDT) MFPOLICY(XX) PFACTORS(YY)	**HIPER**
The CA RS 2210 service count for this release is 5		

Top Secret for z/OS
CA RS 2210 Service List for CAKOG00

2

FMID	Service	Description	Type
CAKOG00	LU06656	AFTER A TSS CREATE (XXXX) THE PASSWORD INTERVAL IS INVALID	PTF
	LU06830	USER DEFINED RESOURCE CLASS POSIT VALUE MAY BE INVALID	PTF
	LU07029	MFA USER GETTING SUSPENDED WITHOUT PASSWORD IN CICS	PTF
	LU07170	CCSR010E TSSRSVCS S653 AT 0B3EF0DE LMOD IGC0008C CSECT N/A	PTF
	LU07316	OC1/OC4 ABENDS AFTER TSS ADD (SDT) MFPOLICY (XX) PFACTORS (YY)	**HIPER**
The CA RS 2210 service count for this FMID is 5			

Service	Details
LU06656	LU06656 M.C.S. ENTRIES = ++PTF (LU06656) AFTER A TSS CREATE(XXXX) THE PASSWORD INTERVAL IS INVALID PROBLEM DESCRIPTION: When creating an ACID that includes the FOR keyword for PASSWORD/PHRASE, then the PASSWORD/PHRASE interval contains an invalid value. For example: TSS CREATE(XXXX) TYPE(USER) DEPT(XXXX) PASS(zzzz,90,EXP) FOR(x) TSS LIST(XXXX) DATA(PASS) PASSWORD = EXPIRES = 01/01/80 INTERVAL = 512 SYMPTOMS: Password or phrase interval contains an invalid value. SYMPTOMS: Password or phrase interval contains an invalid value. IMPACT: Password Phrase does not expire at the intended interval. CIRCUMVENTION: TSS REM(XXXX) PSWDDATA TSS ADD(XXXX) PASSWORD(zzzzz,90,EXP) or TSS CREATE(XXXX) PASS(zzzzz,90,EXP) UNTIL(xx/zz/yy) PRODUCT(S) AFFECTED: Top Secret for z/OS Related Problem: TSSMVS 17796 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01325-TSS160 DESC(AFTER A TSS CREATE(XXXX) THE PASSWORD INTERVAL IS INVALID). ++VER (Z038) FMID (CAKOG00) PRE (LU00372 LU01159 LU01778 LU03527 LU04016 LU05818 R082138 R082305 R084794 R086945 R092696 R094913 R095428 R095454 R096977 R097114 R097832 R097892 R098051 R098297 R098716 R099320 R099394 R099690 S000132 S000816 S001069 S001267 S001630 S004066 S004368 S005559 S006391 S006548 S006599 S006621 S006929 S007542 S007913 S008791 S008923 S010461 S010685 S010890 S010967 S011904 S012318 S012760 S014515 S014730 S014947 S015625 S015905 S016294) SUP (AR96977 AS08092 AS08245 AS08791 AS15905 LT00418 LT01342 LT01372 LT03430 LT05191 LT05508 LT05512 LT05700 LT06494 LT06656 LU00418 LU01372 LU05191 LU05512 LU05700 LU06494 R091002 R092619 R092967 R093757 R094101 R095291 R096103 R097041 S000139 S001355 S004881 S007261 S007587 S008092 S008271 S008909 S009073 S009634 S010635 S011146 S011233 S011958 S013533 S013700 S015659 ST00139 ST01355 ST04631 ST04881 ST06883 ST06971 ST07046 ST07261 ST07587 ST07709 ST08092 ST08271 ST08659 ST08844 ST08893 ST08909 ST09073 ST09199 ST09634 ST10600 ST10635 ST11146 ST11233 ST11958 ST12006 ST13533 ST13700 ST15435 ST15659 TR91002 TR92609 TR92619 TR92967 TR93757 TR94101 TR95109 TR95291 TR96103 TR97041 TR98858 TR99033 TR99034 TR99543) ++HOLD (LU06656) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22258) COMMENT (

Version 16.0

Service	Details
	<pre> +-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Load module into LLA and activate +-----+ USERS All AFFECTED +-----+ KNOWLEDGE TSS administrative commands z/OS Operator Commands REQUIRED z/OS Operator Commands +-----+ ACCESS TSS administrative command authority REQUIRED z/OS Operator command authority +-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA REFRESH 2. S TSS). </pre>

Service	Details																		
LU06830	LU06830 M.C.S. ENTRIES = ++PTF (LU06830) USER DEFINED RESOURCE CLASS POSIT VALUE MAY BE INVALID PROBLEM DESCRIPTION: RDT Table resource class POSIT value fields may contain remnant data if the resource was defined prior to the addition of POSIT value support in Top Secret (2005). The remnant data may represent an invalid POSIT value. Valid POSIT values for Top Secret usage are 19-56 and 128-527. When the invalid POSIT value is used at Top Secret startup during initialization, a 1 bit overlay can occur somewhere in the TSS address space. In the case of the reported problem one of the PASSCHAR characters was overlaid thus making one of the special characters not usable in new passwords. The PTF for this problem adds a check to two RDT handling spots to either ignore invalid POSIT values or remove the invalid POSIT value such that the resource class has no POSIT value. SYMPTOMS: A new password using valid special characters as defined by the PASSCHAR Top Secret parameter receives an "invalid password" message. A F TSS,STATUS command shows the PASSCHAR setting with a different character in the PASSCHAR string than what was specified in TSS parms. IMPACT: New passwords including special characters that are meant to be allowed are treated as invalid. CIRCUMVENTION: After Top Secret is fully up issue TSO command- TSS MODIFY PASSCHAR(.....) with the same PASSCHAR setting as what is specified in your Top Secret parms file. The TSO user must have the administrative authority to issue the MODIFY command. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 17924 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01334-TSS160 DESC(USER DEFINED RESOURCE CLASS POSIT VALUE MAY BE INVALID). ++VER (Z038) FMID (CAKOG00) PRE (LU01159 LU04016 R094909 R099394 S014730 S014947 S015625 S016294) SUP (LT06830) ++HOLD (LU06830) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22255) COMMENT (<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td style="width: 50%;"> Top Secret for z/OS</td> <td style="width: 50%; text-align: right;">Version 16.0 </td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> SEQUENCE </td> <td style="text-align: right;">After SMP/E Apply </td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> PURPOSE </td> <td style="text-align: right;">To Activate this PTF after the SMP/E Apply </td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> USERS </td> <td style="text-align: right;">Systems Programmers responsible for Top Secret </td> </tr> <tr> <td> AFFECTED </td> <td style="text-align: right;"> </td> </tr> </table>	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+		Top Secret for z/OS	Version 16.0	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+		SEQUENCE	After SMP/E Apply	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+		PURPOSE	To Activate this PTF after the SMP/E Apply	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+		USERS	Systems Programmers responsible for Top Secret	AFFECTED	
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																			
Top Secret for z/OS	Version 16.0																		
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																			
SEQUENCE	After SMP/E Apply																		
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																			
PURPOSE	To Activate this PTF after the SMP/E Apply																		
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																			
USERS	Systems Programmers responsible for Top Secret																		
AFFECTED																			

Service	Details
	<pre> +-----+-----+ KNOWLEDGE Top Secret Console Commands REQUIRED +-----+-----+ ACCESS z/OS Console Command Authority REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. P TSS Reply T to WTOR 2. F LLA,REFRESH 3. S TSS). </pre>

Service	Details																		
LU07029	LU07029 M.C.S. ENTRIES = ++PTF (LU07029) MFA USER GETTING SUSPENDED WITHOUT PASSWORD IN CICS PROBLEM DESCRIPTION: When the INACTIVE control option is used without the "LASTUSED" parameter, any ACID assigned an IBM MFA factor that has an expired be password, is suspended when logging into CICS if the password field is left blank on the login screen. SYMPTOMS: ACID gets suspended. IMPACT: The user is unable to login with the suspended ACID again until the suspensionis removed and the PASSWORD is reset. CIRCUMVENTION: Update the INACTIVE control option to include "LASTUSED". Example: INACTIVE(XX,LASTUSED) PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18075 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01339-TSS160 DESC(MFA USER GETTING SUSPENDED WITHOUT PASSWORD IN CICS). ++VER (Z038) FMID (CAKOG00) PRE (LU00910 LU03416 LU04016 R089334 R092696 R094971 R095793 R096977 R098716 S001630 S003858 S004996 S006832 S006966 S008020 S008490 S014329 S014730 S016294) SUP (LT01795 LT02403 LT06803 LT07027 LT07028 LT07029 LU01795 LU02403 R097257 S000250 S012039 ST00250 ST01907 ST12039 TR97257) ++HOLD (LU07029) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22265) COMMENT (<table border="1"> <tr> <td>Top Secret for z/OS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Load module into LLA and activate</td></tr> <tr> <td>USERS</td><td>All</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>TSS administrative commands z/OS Operator Commands</td></tr> <tr> <td>REQUIRED</td><td>z/OS Operator Commands</td></tr> <tr> <td>ACCESS</td><td>TSS administrative command authority</td></tr> <tr> <td>REQUIRED</td><td>z/OS Operator command authority</td></tr> </table> ***** * STEPS TO PERFORM * *****	Top Secret for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Load module into LLA and activate	USERS	All	AFFECTED		KNOWLEDGE	TSS administrative commands z/OS Operator Commands	REQUIRED	z/OS Operator Commands	ACCESS	TSS administrative command authority	REQUIRED	z/OS Operator command authority
Top Secret for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Load module into LLA and activate																		
USERS	All																		
AFFECTED																			
KNOWLEDGE	TSS administrative commands z/OS Operator Commands																		
REQUIRED	z/OS Operator Commands																		
ACCESS	TSS administrative command authority																		
REQUIRED	z/OS Operator command authority																		

Service	Details
	1. F LLA REFRESH 2. S TSS,,,REINIT) .

Service	Details	
LU07170	LU07170 M.C.S. ENTRIES = ++PTF (LU07170) CCSR010E TSSRSVCS S653 AT 0B3EF0DE LMOD IGC0008C CSECT N/A PROBLEM DESCRIPTION: Abend S653 may result due to high volumes of FASTAUTH calls. SYMPTOMS: S653 abends caused by orphaned SECBLOCK storage. IMPACT: The job making the FASTAUTH requests ends with a S653 abend, Top Secret remians functional. CIRCUMVENTION: PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 17216 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01351-TSS160 DESC(CCSR010E TSSRSVCS S653 AT 0B3EF0DE LMOD IGC0008C CSECT N/A). ++VER (Z038) FMID (CAKOG00) PRE (LU00512 LU00747 LU00809 LU00910 LU03416 LU04016 LU05293 LU05572 LU05818 LU07090 R083104 R084794 R086945 R087918 R089334 R091603 R096857 R097892 R098297 R098395 R099091 R099320 R099484 S000713 S001489 S001509 S001630 S003993 S004391 S005264 S006599 S007485 S007990 S012940 S014392 S014413 S014515 S015439 S015896 S016019 S016290 S016294) SUP (AL00910 AR87918 AR89334 AR90069 AS13895 AS15439 BS15896 LT01634 LT01839 LT02224 LT03421 LT03739 LT04273 LT04734 LT05030 LT05240 LT06282 LT06767 LT07169 LT07170 LU01634 LU01839 LU02224 LU03739 LU04734 LU05240 LU06767 R087875 R088651 R089203 R089888 R090069 R090317 R091469 R092584 R097567 R099939 S001743 S004540 S007314 S008053 S012436 S013311 S013895 S014000 S015261 S015753 S016134 ST01223 ST01743 ST03679 ST04540 ST07314 ST08053 ST10940 ST12436 ST13017 ST13260 ST13311 ST13712 ST13796 ST13804 ST13815 ST13895 ST14000 ST15261 ST15753 ST16134 TR86962 TR87875 TR87890 TR87917 TR88651 TR88994 TR89004 TR89180 TR89203 TR89665 TR89888 TR89997 TR90069 TR90317 TR91469 TR92584 TR97567 TR99939) ++HOLD (LU07170) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (22250) COMMENT (-----+ Top Secret for z/OS	

Service	Details
	<pre> REQUIRED z/OS Operator commands +-----+-----+ ACCESS TSS administrative command authority REQUIRED z/OS Operator command authority +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH 2. Restart CA Top Secret with ,,,REINIT). </pre>

Service	Details																																							
LU07316	LU07316 M.C.S. ENTRIES = ++PTF (LU07316) OC1/OC4 ABENDS AFTER TSS ADD(SDT) MFPOLICY(XX) PFACTORS(YY) PROBLEM DESCRIPTION: A 'TSS ADD(SDT) MFPOLICY(xxxxxxxx) PFACTORS(yyyyyyyy)' command results in an overlay of storage during the build of an in-memory MFA table. The error occurs when there is an excessive number of PFACTORS added to MFPOLICY. The number of PFACTORS can be different at each site. We recreated the abend by adding 27 PFACTORS. The TSS command fails with the following error message TSS ADD(SDT) MFPOLICY(xxxxxxxx) PFACTORS(yyyyyyyy) TSS0390E UNEXPECTED ERROR, CODE = 069 SYMPTOMS: CCSR010E TSSMNGR SOC4 at 11E035E2 LMOD TSSMNGR4 CSECT TSSMNGR +0035E2 TSS9681A CA-TSS SECURITY FILE SERVICES ABEND SOC1 IN PROGRAM UNKNOWN IMPACT: Multiple abends in various TSS modules occur, resulting in an IPL. CIRCUMVENTION: Set the following options in the TSS parmfile and IPL: FA(CARSA(NO)) MFA(IBMRSA(NO)) MFA(CAPAM(NO)) MFA(RADIUS(NO)) PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18290 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01354-TSS160 DESC(OC1/OC4 ABENDS AFTER TSS ADD(SDT) MFPOLICY(XX) PFACTORS(YY)). ++VER (Z038) FMID (CAKOG00) PRE (LU00482 LU01345 LU01759 LU01778 LU04016 LU05293 R082138 R084794 R085310 R086945 R095938 R098297 R099320 R099396 S000140 S000816 S001265 S001285 S006391 S006741 S008923 S011904 S014413 S015715 S016294) SUP (AS00816 LT01686 LT02911 LT06604 LT07316 LU02911 LU06604 R079885 R098361 S000262 S001689 S007137 S011937 ST00262 ST01689 ST06429 ST07137 ST11937 ST12838 TR79885 TR95112 TR96281 TR98361) ++HOLD (LU07316) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22263) COMMENT (<table><tr><td colspan="3">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> </td><td>Top Secret for z/OS</td><td>Version 16.0</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> SEQUENCE</td><td> </td><td>After Apply</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> PURPOSE</td><td> </td><td>Load module into LLA and activate</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> USERS</td><td> </td><td>All</td><td> </td></tr><tr><td> AFFECTED</td><td> </td><td></td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> KNOWLEDGE</td><td> </td><td>TSS administrative commands z/OS Operator Commands</td><td> </td></tr></table>	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+				Top Secret for z/OS	Version 16.0		+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+			SEQUENCE		After Apply		+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+			PURPOSE		Load module into LLA and activate		+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+			USERS		All		AFFECTED				+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+			KNOWLEDGE		TSS administrative commands z/OS Operator Commands	
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																																								
	Top Secret for z/OS	Version 16.0																																						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																																								
SEQUENCE		After Apply																																						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																																								
PURPOSE		Load module into LLA and activate																																						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																																								
USERS		All																																						
AFFECTED																																								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																																								
KNOWLEDGE		TSS administrative commands z/OS Operator Commands																																						

Service	Details		
	REQUIRED	z/OS Operator Commands	
	+-----+-----+-----+-----+-----+-----+		
	ACCESS	TSS administrative command authority	
	REQUIRED	z/OS Operator command authority	
	+-----+-----+-----+-----+-----+-----+		

	* STEPS TO PERFORM *		

	1. F LLA REFRESH		
	2. S TSS,,,REINIT		
	).		
MCS	LU06656	STARTS ON PAGE	0002
MCS	LU06830	STARTS ON PAGE	0004
MCS	LU07029	STARTS ON PAGE	0005
MCS	LU07170	STARTS ON PAGE	0007
MCS	LU07316	STARTS ON PAGE	0009

Top Secret for z/OS 16.0
CA RS 2210 Product/Component Listing

13

Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2210 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2210	LU07316	CAKOG00
	LU07170	CAKOG00
	LU07029	CAKOG00
	LU06830	CAKOG00
	LU06656	CAKOG00
CAR2209	LU07090	CAKOG00
	LU06767	CAKOG00
	LU06762	CAKOG00
	LU06682	CAKOG00
	LU06679	CAKOG00
	LU06639	CAKOG00
	LU06604	CAKOG00
	LU06488	CAKOG00
	LU06467	CAKOG00
	LU05065	CAKOG00
CAR2208	LU06552	CAKOG00
	LU06537	CAKOG00
	LU06494	CAKOG00
	LU06490	CAKOG00
	LU06477	CAKOG00
	LU06445	CAKOG00
	LU06273	CAKOG01
	LU05130	CAKOG02
	LU05129	CAKOG00
	LU01590	CAKOG01
CAR2207	LU06242	CAKOG00
	LU06167	CAKOG00
	LU06162	CAKOG00
	LU06089	CAKOG00
	LU03239	CAKOG00
CAR2206	LU05818	CAKOG00
	LU05700	CAKOG00
	LU05699	CAKOG00
	LU05697	CAKOG00
	LU05572	CAKOG00
	LU05552	CAKOG00
	LU05512	CAKOG00
CAR2205	LU05406	CAKOG00
	LU05375	CAKOG00
	LU05293	CAKOG00
	LU05282	CAKOG00
	LU05240	CAKOG00
CAR2204	LU05191	CAKOG00
	LU05104	CAKOG00
	LU04993	CAKOG00
	LU04976	CAKOG00
	LU04926	CAKOG00

CA RS Level	Service	FMID
	LU04895	CAKOG00
	LU04878	CAKOG00
	LU04852	CAKOG00
	LU04784	CAKOG00
	LU04674	CAKOG00
CAR2203	LU04810	CAKOG00
	LU04761	CAKOG00
	LU04734	CAKOG00
	LU04659	CAKOG00
	LU04602	CAKOG00
	LU04560	CAKOG00
	LU04559	CAKOG00
	LU04271	CAKOG00
	LU04128	CAKOG00
	LU03467	CAKOG00
CAR2202	LU04265	CAKOG00
	LU04152	CAKOG00
	LU03830	CAKOG00
	LU03728	CAKOG00
CAR2201	LU04019	CAKOG03
	LU04018	CAKOG02
	LU04017	CAKOG01
	LU04016	CAKOG00
	LU03739	CAKOG00
	LU03598	CAKOG00
	LU03527	CAKOG00
CAR2112	LU03459	CAKOG00
	LU03444	CAKOG00
	LU03416	CAKOG00
	LU03329	CAKOG00
	LU03205	CAKOG00
	LU03197	CAKOG00
	LU03081	CAKOG00
	LU03029	CAKOG00
	LU02911	CAKOG00
	LU02905	CAKOG00
CAR2111	R085631	CAKOG00
	LU03127	CAKOG00
	LU02918	CAKOG00
	LU02892	CAKOG00
	LU02881	CAKOG01
	LU02880	CAKOG00
	LU02803	CAKOG00
CAR2110	LU02848	CAKOG00
	LU02668	CAKOG00
	LU02579	CAKOG00
	LU02523	CAKOG00

CA RS Level	Service	FMID
	LU02448	CAKOG00
	LU02403	CAKOG00
	LU02224	CAKOG00
	LU02070	CAKOG00
	LU02069	CAKOG00
CAR2109	LU02373	CAKOG00
	LU02336	CAKOG00
	LU02328	CAKOG01
	LU02263	CAKOG00
	LU02097	CAKOG00
	LU02026	CAKOG00
	LU02018	CAKOG01
	LU01778	CAKOG00
CAR2108	LU01954	CAKOG00
	LU01839	CAKOG00
	LU01701	CAKOG00
	LU01658	CAKOG01
	LU01657	CAKOG00
	LU00525	CAKOG00
	LU00423	CAKOG00
CAR2107	LU01796	CAKOG00
	LU01795	CAKOG00
	LU01759	CAKOG00
	LU01711	CAKOG00
	LU01685	CAKOG00
	LU01634	CAKOG00
	LU01608	CAKOG00
	LU01558	CAKOG00
	LU01395	CAKOG00
	LU01372	CAKOG00
	LU01356	CAKOG00
	LU01345	CAKOG00
	LU01328	CAKOG00
	LU01183	CAKOG01
	LU00987	CAKOG00
CAR2106	SO16092	CAKOG00
	RO79894	CAKOG00
	LU01475	CAKOG00
	LU01407	CAKOG00
	LU01344	CAKOG00
	LU01343	CAKOG00
	LU01329	CAKOG00
	LU01159	CAKOG00
	LU01132	CAKOG00
	LU01024	CAKOG00
	LU01023	CAKOG00
	LU00910	CAKOG00

CA RS Level	Service	FMID
	LU00832	CAKOG00
	LU00788	CAKOG00
CAR2105	LU00892	CAKOG00
	LU00851	CAKOG00
	LU00850	CAKOG00
	LU00835	CAKOG00
	LU00817	CAKOG00
	LU00809	CAKOG00
	LU00746	CAKOG01
	LU00745	CAKOG00
	LU00567	CAKOG00
	LU00482	CAKOG00
	LU00418	CAKOG00
	LU00360	CAKOG00
CAR2104	S016204	CAKOG00
	S016135	CAKOG00
	LU00747	CAKOG00
	LU00526	CAKOG00
	LU00512	CAKOG00
	LU00372	CAKOG00
	LU00358	CAKOG00
	LU00345	CAKOG00
CAR2103	S016321	CAKOG00
	S016319	CAKOG00
	S016316	CAKOG00
	S016312	CAKOG00
	S016294	CAKOG00
	S016110	CAKOG00
	S016021	CAKOG00
CAR2102	S016290	CAKOG00
	S016134	CAKOG00
	S015905	CAKOG00
	S015869	CAKOG00
CAR2101	S016055	CAKOG00
	S016048	CAKOG00
	S016019	CAKOG00
	S015896	CAKOG00
	S015764	CAKOG00
	S015753	CAKOG00
	S015715	CAKOG00
	S015659	CAKOG00
	S015653	CAKOG00
	S015648	CAKOG00
CAR2012	S015625	CAKOG00
	S015538	CAKOG00
	S015439	CAKOG00
	S015401	CAKOG00

CA RS Level	Service	FMID
	S015329	CAKOG00
	S015261	CAKOG00
	S015188	CAKOG00
	S014538	CAKOG00
	S013801	CAKOG00
CAR2011	S015135	CAKOG01
CAR2010	S014947	CAKOG00
	S014769	CAKOG00
	S014730	CAKOG00
	S014521	CAKOG00
	S014515	CAKOG00
	S014444	CAKOG00
	S014341	CAKOG02
	S014340	CAKOG00
	S013550	CAKOG00
	S013289	CAKOG00
CAR2009	S014413	CAKOG00
	S014396	CAKOG01
	S014392	CAKOG00
	S014329	CAKOG00
	S014291	CAKOG00
	S013963	CAKOG00
	S013922	CAKOG00
	S013595	CAKOG00
	S013542	CAKOG00
	S013469	CAKOG00
CAR2008	S014005	CAKOG00
	S014000	CAKOG00
	S013895	CAKOG00
	S013890	CAKOG00
	S013700	CAKOG00
	S013405	CAKOG00
CAR2007	S013600	CAKOG01
	S013533	CAKOG00
	S013510	CAKOG00
	S013389	CAKOG00
	S013382	CAKOG00
	S013311	CAKOG00
	S013060	CAKOG00
	S012830	CAKOG01
	S012413	CAKOG00
	S012332	CAKOG00
	S010618	CAKOG00
	S009836	CAKOG01
	R085669	CAKOG01
CAR2006	S013290	CAKOG00
	S013110	CAKOG00

CA RS Level	Service	FMID
	S013099	CAKOG00
	S013014	CAKOG00
	S012989	CAKOG00
	S012965	CAKOG00
	S012947	CAKOG00
	S012940	CAKOG00
	S012931	CAKOG00
	S012162	CAKOG00
CAR2005	S012923	CAKOG00
	S012760	CAKOG00
	S012752	CAKOG00
	S012533	CAKOG00
	S012531	CAKOG00
	S012436	CAKOG00
	S012319	CAKOG00
	S012318	CAKOG00
	S012038	CAKOG00
	S008772	CAKOG01
CAR2004	S012408	CAKOG00
	S012296	CAKOG00
	S012161	CAKOG00
	S012129	CAKOG00
	S012118	CAKOG00
	S012039	CAKOG00
	S011952	CAKOG02
CAR2003	S011984	CAKOG00
	S011958	CAKOG00
	S011941	CAKOG00
	S011937	CAKOG00
	S011907	CAKOG00
	S011904	CAKOG00
	S011889	CAKOG00
	S011310	CAKOG00
	S010757	CAKOG00
CAR2002	S011656	CAKOG00
	S011504	CAKOG00
	S011478	CAKOG00
	S011429	CAKOG00
	S011410	CAKOG00
	S011357	CAKOG00
	S011115	CAKOG01
	S010700	CAKOG01
CAR2001	S011311	CAKOG00
	S011307	CAKOG00
	S011233	CAKOG00
	S011151	CAKOG00
	S011146	CAKOG00

CA RS Level	Service	FMID
	S011140	CAKOG00
	S011041	CAKOG00
	S011001	CAKOG00
	S010778	CAKOG00
	S010486	CAKOG01
	S010485	CAKOG00
CAR1912	S010968	CAKOG00
	S010967	CAKOG00
	S010890	CAKOG00
	S010845	CAKOG00
	S010823	CAKOG00
	S010745	CAKOG00
	S010685	CAKOG00
	S010635	CAKOG00
	S010483	CAKOG01
	S010482	CAKOG00
	S006017	CAKOG01
CAR1911	S010461	CAKOG00
	S010383	CAKOG00
	S010311	CAKOG00
	S009909	CAKOG01
	S009529	CAKOG00
	S008881	CAKOG00
	S008053	CAKOG00
CAR1910	S009774	CAKOG00
	S009286	CAKOG00
CAR1909	S009829	CAKOG00
	S009635	CAKOG00
	S009634	CAKOG00
	S008125	CAKOG00
	S006782	CAKOG00
CAR1908	S009073	CAKOG00
	S008996	CAKOG01
	S008736	CAKOG00
	S008650	CAKOG00
	S008611	CAKOG00
	S008343	CAKOG00
CAR1907	S008923	CAKOG00
	S008909	CAKOG00
	S008791	CAKOG00
	S008601	CAKOG00
	S008490	CAKOG00
	S008205	CAKOG00
CAR1906	S008399	CAKOG00
	S008306	CAKOG00
	S008271	CAKOG00
	S008245	CAKOG00

CA RS Level	Service	FMID
	S008200	CAKOG00
	S008188	CAKOG00
	S008182	CAKOG00
	S008164	CAKOG01
	S008054	CAKOG00
CAR1905	S008150	CAKOG01
	S008092	CAKOG00
	S008024	CAKOG00
	S008020	CAKOG00
	S007990	CAKOG00
	S007966	CAKOG00
	S007938	CAKOG00
	S007931	CAKOG00
	S007913	CAKOG00
	S007855	CAKOG00
	S007479	CAKOG01
	S007478	CAKOG00
	S007360	CAKOG00
CAR1904	S007748	CAKOG00
	S007738	CAKOG00
	S007652	CAKOG00
	S007587	CAKOG00
	S007582	CAKOG00
	S007581	CAKOG00
	S007547	CAKOG00
	S007542	CAKOG00
	S007497	CAKOG00
	S007485	CAKOG00
	S007199	CAKOG00
	S007161	CAKOG00
	S007159	CAKOG01
	S007137	CAKOG00
	S006964	CAKOG00
	S006888	CAKOG00
CAR1903	S007314	CAKOG00
	S007261	CAKOG00
	S007052	CAKOG00
	S006816	CAKOG00
	S006813	CAKOG00
CAR1902	S007044	CAKOG00
	S006966	CAKOG00
	S006929	CAKOG00
	S006885	CAKOG01
	S006832	CAKOG00
	S006830	CAKOG00
	S006775	CAKOG00
	S006741	CAKOG00

CA RS Level	Service	FMID
	S006640	CAKOG00
	S006140	CAKOG00
	S005824	CAKOG00
	S005769	CAKOG00
	S005224	CAKOG00
	S000395	CAKOG00
	S000226	CAKOG00
CAR1901	S006621	CAKOG00
	S006616	CAKOG00
	S006599	CAKOG00
	S006548	CAKOG00
	S006175	CAKOG00
	S005546	CAKOG01
	S005545	CAKOG00
	R085987	CAKOG00
	R083213	CAKOG00
	R082305	CAKOG00
	R081855	CAKOG00
	R081160	CAKOG00
	R079885	CAKOG00
CAR1812	S006391	CAKOG00
	S006348	CAKOG00
	S005970	CAKOG00
	S005587	CAKOG01
	S005586	CAKOG00
CAR1811	S005859	CAKOG00
	S005801	CAKOG00
	S005724	CAKOG00
	S005697	CAKOG00
	S005615	CAKOG00
	S005608	CAKOG00
	S005421	CAKOG00
	S005414	CAKOG00
	S005401	CAKOG00
	S005128	CAKOG01
	S003835	CAKOG00
	R098948	CAKOG00
	R085956	CAKOG00
	R085935	CAKOG00
	R082900	CAKOG00
	R079659	CAKOG00
CAR1810	S005559	CAKOG00
	S005489	CAKOG00
	S005395	CAKOG02
	S005394	CAKOG00
	S005264	CAKOG00
	S005255	CAKOG00

CA RS Level	Service	FMID
	S005250	CAKOG00
	S005230	CAKOG00
	S005207	CAKOG00
	S004851	CAKOG00
	S004682	CAKOG00
	S000278	CAKOG01
	R098341	CAKOG00
CAR1809	S005160	CAKOG00
	S005062	CAKOG00
	S005028	CAKOG00
	S004996	CAKOG00
	S004966	CAKOG00
	S004964	CAKOG00
	S004936	CAKOG00
	S004881	CAKOG00
	S004576	CAKOG00
	S004240	CAKOG00
	S004144	CAKOG00
CAR1808	S004627	CAKOG00
	S004540	CAKOG00
	S004444	CAKOG00
	S004391	CAKOG00
	S004371	CAKOG00
	S004368	CAKOG00
	S004082	CAKOG00
	S004066	CAKOG00
	S003961	CAKOG00
	S003829	CAKOG00
	S003685	CAKOG00
	S003659	CAKOG00
	S001945	CAKOG00
	S001126	CAKOG00
	S000242	CAKOG00
CAR1807	S004109	CAKOG00
	S004024	CAKOG00
	S003993	CAKOG00
	S003864	CAKOG00
	S003858	CAKOG00
	S003596	CAKOG00
	S001788	CAKOG00
	S001743	CAKOG00
	S001525	CAKOG00
CAR1806	S003648	CAKOG00
	S001968	CAKOG00
	S001882	CAKOG00
	S001741	CAKOG00
	S001735	CAKOG00

CA RS Level	Service	FMID
	S001689	CAKOG00
	S001631	CAKOG00
	S001630	CAKOG00
	S001570	CAKOG00
CAR1805	S001513	CAKOG00
	S001509	CAKOG00
	S001489	CAKOG00
	S001355	CAKOG00
	S001285	CAKOG00
	S001267	CAKOG00
	S001265	CAKOG00
	S001198	CAKOG00
	S001008	CAKOG00
	S000861	CAKOG00
	S000468	CAKOG00
	S000279	CAKOG00
	R099747	CAKOG00
	R098984	CAKOG00
CAR1804	S001123	CAKOG00
	S001085	CAKOG00
	S001069	CAKOG00
	S000973	CAKOG01
	S000934	CAKOG00
	S000816	CAKOG00
	S000773	CAKOG00
	S000713	CAKOG00
	S000316	CAKOG00
CAR1803	S000387	CAKOG00
	S000365	CAKOG00
	S000262	CAKOG00
	S000254	CAKOG00
	S000250	CAKOG00
	S000249	CAKOG00
	S000170	CAKOG00
	S000140	CAKOG00
	S000139	CAKOG00
	S000092	CAKOG00
	S000039	CAKOG01
	R099952	CAKOG00
	R099844	CAKOG00
	R099694	CAKOG00
	R099650	CAKOG00
	R098925	CAKOG00
	R098826	CAKOG00
CAR1802	S000169	CAKOG01
	S000168	CAKOG00
	S000132	CAKOG00

CA RS Level	Service	FMID
	S000082	CAKOG00
	S000049	CAKOG00
	R099939	CAKOG00
	R099736	CAKOG01
	R099645	CAKOG00
	R099610	CAKOG00
	R099576	CAKOG00
	R099396	CAKOG00
	R098940	CAKOG00
	R098773	CAKOG00
	R098733	CAKOG00
	R098492	CAKOG01
	R097905	CAKOG00
CAR1801	R099690	CAKOG00
	R099512	CAKOG00
	R099484	CAKOG00
	R099394	CAKOG00
	R099320	CAKOG00
	R099095	CAKOG00
	R099091	CAKOG00
	R099005	CAKOG00
	R098361	CAKOG00
	R097776	CAKOG00
CAR1712	R099287	CAKOG00
	R099167	CAKOG00
	R098943	CAKOG00
	R098852	CAKOG00
	R098804	CAKOG00
	R098757	CAKOG00
	R098395	CAKOG00
	R098011	CAKOG00
	R094537	CAKOG00
CAR1711	R098795	CAKOG00
	R098734	CAKOG03
	R098716	CAKOG00
	R098634	CAKOG03
	R098458	CAKOG00
	R098455	CAKOG00
	R098437	CAKOG02
	R098394	CAKOG00
	R098390	CAKOG00
	R098389	CAKOG00
	R098365	CAKOG00
	R098358	CAKOG00
	R098297	CAKOG00
	R097411	CAKOG00
	R094019	CAKOG02

CA RS Level	Service	FMID
	R094018	CAKOG00
CAR1710	R098232	CAKOG00
	R098051	CAKOG00
	R097899	CAKOG00
	R097892	CAKOG00
	R097832	CAKOG00
	R097814	CAKOG00
	R097809	CAKOG00
	R097746	CAKOG00
	R097567	CAKOG00
	R097504	CAKOG02
	R097390	CAKOG00
	R097372	CAKOG01
	R097371	CAKOG00
	R091062	CAKOG00
CAR1709	R097317	CAKOG00
	R097257	CAKOG00
	R097114	CAKOG00
	R097009	CAKOG00
CAR1708	R097041	CAKOG00
	R096998	CAKOG00
	R096977	CAKOG00
	R096857	CAKOG00
	R096670	CAKOG00
	R096542	CAKOG00
	R096225	CAKOG00
	R096135	CAKOG01
	R095752	CAKOG00
	R094449	CAKOG00
	R094015	CAKOG00
	R091735	CAKOG00
	R091733	CAKOG01
CAR1707	R096696	CAKOG00
	R096321	CAKOG00
	R096125	CAKOG00
	R096103	CAKOG00
	R096081	CAKOG00
CAR1706	R096001	CAKOG00
	R095981	CAKOG00
	R095938	CAKOG00
	R095857	CAKOG00
	R095818	CAKOG00
	R095793	CAKOG00
	R095454	CAKOG00
	R095428	CAKOG00
	R095424	CAKOG00
	R092920	CAKOG00

CA RS Level	Service	FMID
CAR1705	R095692	CAKOG00
	R095291	CAKOG00
	R095244	CAKOG00
	R095201	CAKOG00
	R095061	CAKOG00
	R088301	CAKOG00
CAR1704	R095026	CAKOG00
	R094971	CAKOG00
	R094913	CAKOG00
	R094909	CAKOG00
	R094718	CAKOG00
	R094686	CAKOG00
	R094168	CAKOG00
	R093932	CAKOG00
CAR1703	R094517	CAKOG00
	R094383	CAKOG00
	R094298	CAKOG00
	R094101	CAKOG00
	R093840	CAKOG00
CAR1702	R093979	CAKOG00
	R093757	CAKOG00
	R093744	CAKOG00
	R093398	CAKOG00
CAR1701	R093171	CAKOG00
	R092888	CAKOG00
	R092584	CAKOG00
CAR1612	R093298	CAKOG00
	R093059	CAKOG00
	R092967	CAKOG00
	R092772	CAKOG01
	R092771	CAKOG00
	R092742	CAKOG00
	R092581	CAKOG00
	R092412	CAKOG00
	R092198	CAKOG01
	R092092	CAKOG00
	R092039	CAKOG00
	R092854	CAKOG00
	R092811	CAKOG00
CAR1611	R092809	CAKOG00
	R092808	CAKOG00
	R092696	CAKOG00
	R092675	CAKOG00
	R092619	CAKOG00
	R092560	CAKOG00
	R092502	CAKOG00
	R091873	CAKOG00

CA RS Level	Service	FMID
	R091186	CAKOG00
	R088880	CAKOG00
CAR1610	R091454	CAKOG00
	R091447	CAKOG00
CAR1609	R091707	CAKOG00
	R091702	CAKOG00
	R091603	CAKOG00
	R091469	CAKOG00
	R091248	CAKOG00
	R091172	CAKOG00
	R090979	CAKOG01
	R090633	CAKOG00
CAR1608	R091002	CAKOG00
	R090784	CAKOG00
	R090627	CAKOG00
	R090626	CAKOG00
	R090186	CAKOG00
	R089750	CAKOG00
	R088433	CAKOG01
	R086556	CAKOG00
CAR1607	R090358	CAKOG00
	R090317	CAKOG00
	R090165	CAKOG00
	R089936	CAKOG00
	R089828	CAKOG00
CAR1606	R090184	CAKOG01
	R090069	CAKOG00
	R089965	CAKOG00
	R089889	CAKOG00
	R089888	CAKOG00
	R089682	CAKOG00
	R089668	CAKOG00
	R089233	CAKOG00
CAR1605	R089361	CAKOG00
	R089334	CAKOG00
	R089210	CAKOG00
	R089203	CAKOG00
CAR1604	R088969	CAKOG02
	R088968	CAKOG00
	R088932	CAKOG00
	R088848	CAKOG00
	R088796	CAKOG00
	R088651	CAKOG00
	R088603	CAKOG00
	R088551	CAKOG00
	R088473	CAKOG00
	R088415	CAKOG00

CA RS Level	Service	FMID
	R087918	CAKOG00
	R087883	CAKOG00
	R087515	CAKOG00
CAR1603	R088130	CAKOG00
	R087961	CAKOG01
	R087881	CAKOG00
	R087875	CAKOG00
	R087826	CAKOG00
CAR1602	R087827	CAKOG00
	R087738	CAKOG00
	R087735	CAKOG00
	R086945	CAKOG00
	R086559	CAKOG00
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00