

Top Secret for z/OS 16.0
CA RS 2212 Service List

1

Service	Description	Type
LU07548	CICS U0997 ABEND DURING START UP	PTF
LU07791	LARGE NUMBER OF SOC4 ABENDS CAUSED BY OVERLAY OF LPDE CHAIN	**HIPER**
LU07886	REVOKE FAILS FOR RESCLASS('RESNAME') WITH RESNAME QUOTED	PTF
LU08021	S378-14 ABEND IN TSSKTAMZ+662	PTF
The CA RS 2212 service count for this release is 4		

Top Secret for z/OS
CA RS 2212 Service List for CAKOG00

2

FMID	Service	Description	Type
CAKOG00	LU07548	CICS U0997 ABEND DURING START UP	PTF
	LU07791	LARGE NUMBER OF SOC4 ABENDS CAUSED BY OVERLAY OF LPDE CHAIN	**HIPER**
	LU07886	REVOKE FAILS FOR RESCLASS('RESNAME') WITH RESNAME QUOTED	PTF
	LU08021	S378-14 ABEND IN TSSKTAMZ+662	PTF
The CA RS 2212 service count for this FMID is 4			

Service	Details																
LU07548	LU07548 M.C.S. ENTRIES = ++PTF (LU07548) REWORK(2022306) CICS U0997 ABEND DURING START UP PROBLEM DESCRIPTION: During CICS startup, the system returns an AB/U0997 User Abend code: 0997. SYMPTOMS: User abend 997 00367 RO XS FE04 XSSA *EXC* ADD_USER_WITHOUT_PASSWORD/EXCEPTION USERID_REVOKED,8,0,1C,0,00000000,00000000 00377 QR AP 0746 ABAB *EXC* Percolate START_ABEND,1D944008,YES,NO IMPACT: CICS startup continues. CIRCUMVENTION: none PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18458 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01359-TSS160 DESC(CICS U0997 ABEND DURING START UP). ++VER (Z038) FMID (CAKOG00) PRE (LU00745 LU01657 LU02880 LU04016 S010485 S012161 S015439) SUP (LT00851 LT02638 LT02717 LT02849 LT02905 LT07548 LU00851 LU02905 S011357 ST11357 ST12058) ++HOLD (LU07548) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (22306) COMMENT (<table border="1"> <tr> <td>Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply <table border="1"> <tr> <td>PURPOSE</td><td>Prevent U0977 ABEND during CICS start up</td></tr> </table> <table border="1"> <tr> <td>USERS</td><td>CICS users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> </table> <table border="1"> <tr> <td>KNOWLEDGE</td><td>Top Secret administration</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> <table border="1"> <tr> <td>ACCESS</td><td>TSS administrative authority</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** LLA Refresh (e.g., F LLA,REFRESH) TSS REINIT (e.g., S TSS,,REINIT)).	Top Secret for z/OS	Version 16.0	PURPOSE	Prevent U0977 ABEND during CICS start up	USERS	CICS users	AFFECTED		KNOWLEDGE	Top Secret administration	REQUIRED		ACCESS	TSS administrative authority	REQUIRED	
Top Secret for z/OS	Version 16.0																
PURPOSE	Prevent U0977 ABEND during CICS start up																
USERS	CICS users																
AFFECTED																	
KNOWLEDGE	Top Secret administration																
REQUIRED																	
ACCESS	TSS administrative authority																
REQUIRED																	

Service	Details																		
LU07791	LU07791 M.C.S. ENTRIES = ++PTF (LU07791) REWORK(2022318) LARGE NUMBER OF SOC4 ABENDS CAUSED BY OVERLAY OF LPDE CHAIN PROBLEM DESCRIPTION: The z/OS system LPDE chain may experience an overlay in a forward chain pointer. The overlay causes SOC4 abends in many address spaces. An IPL is necessary for the system to return to normal system functionality. The problem occurs when the Top Secret Application Interface is actively used during a Top Secret recycle that includes the REINIT parameter. The Top Secret REINIT process includes a refresh of the TSSAI module and the module's LPDE chain entry. The TSSAI program is invoked when code is written to exploit the Application Interface. A program that uses the Application Interface may use MVS LOAD/DELETE to invoke the interface and cleanup. When the DELETE MVS service is executed, IBM code will update the module use count field. Depending on timing the update may be based on the previous TSSAI LPDE entry. Depending on storage alignment, it is possible that a new LPDE entry could have its forward pointer in the position of the previous TSSAI load counter. The DELETE may corrupt the LPDE forward pointer. A corrupt forward pointer causes an SOC4 abend in code that searches the LPDE chain for a load module. SYMPTOMS: SOC4-10 or SOC4-11 abends occur in address spaces where code runs the LPDE chain. IMPACT: A system IPL must be performed. CIRCUMVENTION: On a Top Secret Restart, do not include the REINIT parameter. If you are dynamically activating a Top Secret PTF that requires a REINIT, stop all use of the Application Interface during the Top Secret restart. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18669 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01368-TSS160 DESC(LARGE NUMBER OF SOC4 ABENDS CAUSED BY OVERLAY OF LPDE CHAIN). ++VER (Z038) FMID (CAKOG00) PRE (LU04016 R092696 S007497) SUP (LT07791) ++HOLD (LU07791) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22318) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>Top Secret for z/OS Version 16.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE After Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Activating this PTF </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS All Users of the z/OS system. </td></tr> <tr> <td> </td><td>AFFECTED </td></tr> </table>	+	-----+		Top Secret for z/OS Version 16.0	+	-----+		SEQUENCE After Apply	+	-----+		PURPOSE Activating this PTF	+	-----+		USERS All Users of the z/OS system.		AFFECTED
+	-----+																		
	Top Secret for z/OS Version 16.0																		
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	SEQUENCE After Apply																		
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	PURPOSE Activating this PTF																		
+	-----+																		
	USERS All Users of the z/OS system.																		
	AFFECTED																		

Service	Details
	<pre> +-----+-----+ KNOWLEDGE SMP/E for Top Secret and Top Secret recycle procedures REQUIRED +-----+-----+ ACCESS Top Secret SMP/E datasets and z/OS operator commands REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH).</pre>

Service	Details
LU07886	LU07886 M.C.S. ENTRIES = ++PTF (LU07886) REWORK(2022318) REVOKE FAILS FOR RESCLASS('RESNAME') WITH RESNAME QUOTED PROBLEM DESCRIPTION: If a PERMIT is issued with a Resclass(Resname) where the resource name is necessarily in quotes because it contains what would be masking characters without the quotes, a REVOKE command for the same quoted resource name will fail. The Resource Class usage that surfaced this problem is EJBROLE. SYMPTOMS: Messages from REVOKE command that uses quoted resname- TSS0384E RESOURCE NOT FOUND IN SECURITY RECORD TSS0301I REVOKE FUNCTION FAILED, RETURN CODE = 8 IMPACT: A Permit can not be reversed in the normal manner via a REVOKE command. CIRCUMVENTION: Issue a PERMIT command with ACCESS(NONE) for the problem quoted resource. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18748 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01371-TSS160 DESC(REVOKE FAILS FOR RESCLASS('RESNAME') WITH RESNAME QUOTED). ++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 LT07886 LU00418 LU01372 LU05191 LU05512 LU05700 LU06494 LU06656 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 (LU07886) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22318) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+

Service	Details
	<pre> SEQUENCE After Apply +-----+-----+ PURPOSE Activating this PTF after SMP/E Apply +-----+-----+ USERS Top Secret Security Administrators AFFECTED +-----+-----+ KNOWLEDGE SMP/E for Top Secret and Top Secret recycle procedure REQUIRED +-----+-----+ ACCESS Top Secret SMP/E datasets and z/OS operator commands REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH 2. P TSS - Reply 'T' to WTOR 3. S TSS (REINIT parameter is NOT needed)).</pre>

Service	Details
LU08021	LU08021 M.C.S. ENTRIES = ++PTF (LU08021) REWORK(2022325) The following items are included in this solution: 1. S378-14 ABEND IN TSSKTAMZ+662 2. MAKE JOBNAME(*) THE DEFAULT FOR TAMZ ELEVATE/DEELEVATE ===== S378-14 ABEND IN TSSKTAMZ+662 PROBLEM DESCRIPTION: When an elevated user issues an MVS command from SDSF, the command is executed in the Master Scheduler (*MASTER*) address space. This execution generates a security environment for the user in *MASTER* address space. When another user issues an MVS command from SDSF, Top Secret attempts to free the security environment for the user that was elevated. This attempt causes an S378-14 abend to occur. SYMPTOMS: S378-14 abend at TSSKTAMZ+662 IMPACT: A dump is taken. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18713 ===== MAKE JOBNAME(*) THE DEFAULT FOR TAMZ ELEVATE/DEELEVATE PROBLEM DESCRIPTION: Issuing a TAMZ ELEVATE command only causes a refresh of the current address space of the user. If the user is active in other address spaces, those security records are not refreshed as part of the elevation process. SYMPTOMS: When elevating a user, permissions that are granted for the elevation are not recognized in other address spaces where the user is active. IMPACT: Users expecting access to elevated resource permissions do not have them. CIRCUMVENTION: When elevating a user, specify JOBNAME(*) on the ELEVATE command to cause a refresh of the user in all subsystems where they are active. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 18853 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01375-TSS160 DESC(S378-14 ABEND IN TSSKTAMZ+662). ++VER (Z038) FMID (CAKOG00) PRE (LU00372 LU01159 LU01345 LU01759 LU01778 LU01954 LU02848 LU03459 LU03527 LU04016 LU04152 LU04265 LU04559 LU05552 LU05818 LU06089 R082138 R082305 R084794 R086945 R087918

Service	Details							
	R092581	R092696	R095454	R096977	R097832	R097892	R098051	
	R098297	R098716	R099167	R099320	R099394	R099512	R099690	
	S000132	S000816	S001069	S001267	S001630	S004066	S004368	
	S005264	S005559	S006391	S006548	S006599	S006621	S006929	
	S007542	S007913	S008125	S008791	S008923	S010461	S010685	
	S010890	S010967	S011904	S012318	S012760	S014515	S014730	
	S014947 S015625 S015905 S016294)							
	SUP (AL03527 AR93059 AR94686 AR96977 AS07542 AS08092 AS08245							
	AS08791	AS08923	AS10685	AS15905	BR92696	ER99320	LT00418	
	LT01342	LT01372	LT01703	LT03430	LT03538	LT04531	LT04560	
	LT04907	LT05191	LT05508	LT05512	LT05697	LT05700	LT06494	
	LT06656	LT06679	LT07695	LT07845	LT07886	LT08021	LU00418	
	LU01372	LU04560	LU05191	LU05512	LU05697	LU05700	LU06494	
	LU06656	LU06679	LU07886	R079659	R081855	R084514	R085956	
	R090186	R091002	R091707	R091873	R092619	R092967	R093059	
	R093757	R094101	R094686	R094913	R095244	R095291	R095428	
	R096103	R096542	R097041	R097114	R098365	R099952	S000139	
	S001085	S001355	S001788	S004881	S005207	S005401	S007261	
	S007587	S007748	S007855	S007931	S008092	S008200	S008205	
	S008271	S008909	S009073	S009634	S010635	S010845	S010968	
	S011146	S011233	S011941	S011958	S012989	S013533	S013700	
	S013963	S015653	S015659	S016316	ST00139	ST01085	ST01355	
	ST01788	ST04631	ST04881	ST05207	ST05401	ST06618	ST06883	
	ST06968	ST06971	ST06989	ST07046	ST07261	ST07587	ST07654	
	ST07709	ST07739	ST07748	ST07850	ST07855	ST07931	ST08092	
	ST08138	ST08200	ST08205	ST08271	ST08659	ST08844	ST08893	
	ST08909	ST08910	ST09038	ST09073	ST09199	ST09634	ST10111	
	ST10354	ST10600	ST10635	ST10845	ST10968	ST11146	ST11233	
	ST11936	ST11941	ST11958	ST12006	ST12989	ST13533	ST13700	
	ST13963	ST15435	ST15441	ST15454	ST15653	ST15659	ST16169	
	ST16316	TR79659	TR81855	TR84496	TR84514	TR85956	TR90186	
	TR91002	TR91707	TR91873	TR92609	TR92619	TR92967	TR93059	
	TR93757	TR94101	TR94686	TR94779	TR94913	TR95109	TR95191	
	TR95244	TR95291	TR95428	TR96103	TR96542	TR97041	TR97114	
	TR98365 TR98858 TR99033 TR99034 TR99543 TR99612 TR99952)							
	++HOLD (LU08021) SYSTEM FMID(CAKOG00)							
	REASON (DYNACT) DATE (22325)							
	COMMENT (							
	+-----+							
		Top Secret for z/OS				Version 16.0		
	+-----+							
	SEQUENCE	After Apply						
	+-----+							
	PURPOSE	Correct S378 abend with TAMz elevated user.						
	+-----+							
	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		

	* STEPS TO PERFORM *		

	1. F LLA REFRESH		
	2. S TSS,,,REINIT(K)		
	).		
MCS	LU07548	STARTS ON PAGE 0002	
MCS	LU07791	STARTS ON PAGE 0003	
MCS	LU07886	STARTS ON PAGE 0004	
MCS	LU08021	STARTS ON PAGE 0006	

Top Secret for z/OS 16.0
CA RS 2212 Product/Component Listing

11

Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2212 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2212	LU08021	CAKOG00
	LU07886	CAKOG00
	LU07791	CAKOG00
	LU07548	CAKOG00
CAR2211	LU07737	CAKOG00
	LU07536	CAKOG00
	LU07505	CAKOG00
	LU07457	CAKOG01
	LU07164	CAKOG00
	LU06987	CAKOG00
	LU06640	CAKOG00
	LU05554	CAKOG00
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
CAR2106	S016092	CAKOG00
	R079894	CAKOG00
	LU01475	CAKOG00
	LU01407	CAKOG00
	LU01344	CAKOG00
	LU01343	CAKOG00
	LU01329	CAKOG00
	LU01159	CAKOG00
	LU01132	CAKOG00
	LU01024	CAKOG00
	LU01023	CAKOG00
	LU00910	CAKOG00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R098634	CAKOG03
	R098458	CAKOG00
	R098455	CAKOG00
	R098437	CAKOG02
	R098394	CAKOG00
	R098390	CAKOG00
	R098389	CAKOG00
	R098365	CAKOG00
	R098358	CAKOG00
	R098297	CAKOG00
	R097411	CAKOG00
	R094019	CAKOG02
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	R092092	CAKOG00
	R092039	CAKOG00
CAR1611	R092854	CAKOG00
	R092811	CAKOG00
	R092809	CAKOG00
	R092808	CAKOG00
	R092696	CAKOG00
	R092675	CAKOG00
	R092619	CAKOG00
	R092560	CAKOG00
	R092502	CAKOG00
	R091873	CAKOG00
	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

CA RS Level	Service	FMID
	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
	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