

CA Top Secret Security for z/OS 16.0
CA RS 2004 Service List

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Service	Description	Type
S011952	IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912	PTF
S012039	MFA LOGON FAILS WHEN MFA USERID MAP NAME IS > 32 BYTES	PTF
S012118	IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912	PTF
S012129	WRONG CASECAUT CHECK FOR SOME UNRESTRICTED CONTROL OPTIONS	PTF
S012161	USER 0801 / 0998 ABEND AFTER S011357	*HIP/PRP*
S012296	CICS TYPE APPLICATIONS SOC4 IN TSSKID AT OFFSET X'2E0C'	*HIP/PRP*
S012408	CFILE RECORD 700 MISSING PHRASEONLY ATTRIBUTE	PTF
The CA RS 2004 service count for this release is 7		

CA Top Secret Security for z/OS
CA RS 2004 Service List for CAKOG00

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FMID	Service	Description	Type
CAKOG00	S012039	MFA LOGON FAILS WHEN MFA USERID MAP NAME IS > 32 BYTES	PTF
	S012118	IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912	PTF
	S012129	WRONG CASECAUT CHECK FOR SOME UNRESTRICTED CONTROL OPTIONS	PTF
	S012161	USER 0801 / 0998 ABEND AFTER S011357	*HIP/PRP*
	S012296	CICS TYPE APPLICATIONS SOC4 IN TSSKID AT OFFSET X'2E0C'	*HIP/PRP*
	S012408	CFILE RECORD 700 MISSING PHRASEONLY ATTRIBUTE	PTF
The CA RS 2004 service count for this FMID is 6			

CA Top Secret Security for z/OS
CA RS 2004 Service List for CAKOG02

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FMID	Service	Description	Type
CAKOG02	S011952	IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912	PTF
The CA RS 2004 service count for this FMID is 1			

Service	Details																		
SO11952	SO11952 M.C.S. ENTRIES = ++PTF (SO11952) IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912 PROBLEM DESCRIPTION: At startup, an IMS message region abends with a SOC4 at offset x'84A' in TSSD140Z or TSSD150Z after RSU1912. Following are the APARS that are involved: For IMS 14: PH12901/UI65244 (RSU 1910) PH18255/UI67306 (PTF not yet closed) For IMS 15: PI89923/UI65233 (RSU 1910) PH18112/UI66084 (RSU 1911) PH19014/UI66472 (RSU 1912) SYMPTOMS: The IMS message region abends with a SOC4 during startup: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 IMPACT: The IMS message region does not come up. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10348 Copyright (C) 2020 CA. All rights reserved. R00873-TSS160-SP1 DESC(IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912). ++VER (Z038) FMID (CAKOG02) PRE (R088969 R094019 R097504 S005395) SUP (ST11952) ++IF FMID(CAKOG00) REQ(S012118) . ++HOLD (SO11952) SYSTEM FMID(CAKOG02) REASON (DYNACT) DATE (20071) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS IMS Component</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Activate change without IPL</td></tr> <tr> <td>USERS</td><td>Users of IMS</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Operator commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>z/OS Operator console</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM *	CA Top Secret for z/OS IMS Component	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change without IPL	USERS	Users of IMS	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
CA Top Secret for z/OS IMS Component	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate change without IPL																		
USERS	Users of IMS																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

Service	Details
	***** 1. LLA REFRESH 2. Restart Top Secret with a REINIT) .

Service	Details
SO12039	SO12039 M.C.S. ENTRIES = ++PTF (SO12039) MFA LOGON FAILS WHEN MFA USERID MAP NAME IS > 32 BYTES PROBLEM DESCRIPTION: MFA logon fails when the following conditions are met: 1. MFADATA (RSANAME or RADIUSNAME) value is greater than 32 bytes; 2. User has not established a PIN (in RSA or RADIUS server) yet; 3. A token code of 8 bytes was entered in password field during logon, but no PIN was supplied. SYMPTOMS: MFA logon attempt fails. AAM trace shows: Exception building Lock Request, UserName is larger than the allowed length. IMPACT: MFA user can't log on successfully. CIRCUMVENTION: Set MFACTIVE(NO) in user's MFA segment; then use CA Top Secret password. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10352 Copyright (C) 2020 CA. All rights reserved. R00879-TSS160-SP1 DESC(MFA LOGON FAILS WHEN MFA USERID MAP NAME IS > 32 BYTES). ++VER (Z038) FMID (CAKOG00) PRE (R089334 R092696 R094971 R095793 R096977 R098716 S001630 S003858 S004996 S006832 S006966 S008020 S008490) SUP (R097257 S000250 ST00250 ST01907 ST12039 TR97257) ++HOLD (SO12039) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20062) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE MFA USERID MAP NAME IS > 32 BYTES LOGON FAILURES +-----+-----+ USERS MFA users AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** LLA refresh and REINIT of TSS).</pre>

Service	Details
SO12118	SO12118 M.C.S. ENTRIES = ++PTF (SO12118) IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912 PROBLEM DESCRIPTION: At startup, an IMS message region abends with a SOC4 at offset x'84A' in TSSD140Z or TSSD150Z after RSU1912. Following are the APARS that are involved: For IMS 14: PH12901/UI65244 (RSU 1910) PH18255/UI67306 (PTF not yet closed) For IMS 15: PI89923/UI65233 (RSU 1910) PH18112/UI66084 (RSU 1911) PH19014/UI66472 (RSU 1912) SYMPTOMS: The IMS message region abends with a SOC4 during startup: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 IMPACT: The IMS message region does not come up. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Related Problem: TSSMVS 10348 Copyright (C) 2020 CA. All rights reserved. R00873-TSS160-SP1 DESC(IMS MESSAGE REGION SOC4 DURING STARTUP AFTER RSU1912). ++VER (Z038) FMID (CAKOG00) SUP (ST12118) ++IF FMID(CAKOG02) REQ(S011952) .

Version 16.0

Service	Details
S012129	S012129 M.C.S. ENTRIES = ++PTF (S012129) WRONG CASECAUT CHECK FOR SOME UNRESTRICTED CONTROL OPTIONS PROBLEM DESCRIPTION: When issuing the following commands from the console: F TSS,STATUS F TSS,ST F TSS,STATS When the user does not have console authority, an incorrect check for CASECAUT(TSSCMD.ADMIN.MODIFY) occurs, causing the command to fail with: TSS7250E 136 J=tssjob A=acid TYPE=CASECAUT RESOURCE=TSSCMD.ADMIN.MODIFY TSS7251E Access Denied to CASECAUT <TSSCMD.ADMIN.MODIFY> F TSS,STATUS should not require any authority. F TSS,ST and F TSS,STATS should check for ACCESS(USE) to CASECAUT(TSSCMD.ADMIN.MODIFY), but ACCESS(PRIVILEG) is checked instead. SYMPTOMS: A TSS7257E Unauthorized Access Level for CASECAUT <TSSCMD.ADMIN.MODIFY> message may be received when issuing the ST, STATS or STATUS control options from the console. IMPACT: A user without console authority or CASECAUT(TSSCMD.ADMIN.MODIFY) ACC(USE) will not be able to issue a TSS MODIFY STATUS command from the console. A user without console authority or CASECAUT(TSSCMD.ADMIN.MODIFY) ACCESS(PRIVILEG) will not be able to issue a TSS MODIFY STATS command from the console. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 10355 Copyright (C) 2020 CA. All rights reserved. R00884-TSS160-SP1 DESC(WRONG CASECAUT CHECK FOR SOME UNRESTRICTED CONTROL OPTIONS). ++VER (Z038) FMID (CAKOG00) PRE (R080995 R082138 R083157 R084470 R084794 R085843 R086945 R087918 R088415 R088932 R089334 R092696 R093298 R095026 R096977 R098232 R098297 R098716 R099320 S000140 S001069 S005264 S006599 S006816 S008182 S008881 S011904) SUP (AS08182 R089682 R095424 S004576 S011001 S011907 ST04345 ST04530 ST04576 ST05681 ST06421 ST06648 ST06701 ST10585 ST11001 ST11676 ST11907 ST12129 TR84431 TR89682 TR95424) ++HOLD (S012129) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (20079) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+

Service	Details
	<pre> PURPOSE Load module into LLA and activate +-----+-----+ USERS All AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and restart CA Top Secret with TSS,,,REINIT). ++HOLD (SO12129) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (20079) COMMENT (+-----+-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ ***** * PUBLICATION * ***** The MODIFY ST command requires console authority or USE access to CASECAUT(TSSCMD.ADMIN.MODIFY)). </pre>

Service	Details
SO12161	SO12161 M.C.S. ENTRIES = ++PTF (SO12161) USER 0801 / 0998 ABEND AFTER SO11357 PROBLEM DESCRIPTION: After SO11357, one can experience USER abend 0801 during VERIFYX calls under CICS / CTS. Also, one can experience USER abend 0998 during termination of the CICS region. SYMPTOMS: DFHXS0001 CICS I9WS An abend (code ---/0801) has occurred at offset X'FFFF' in module DFHXSPW. The U0998 abend was reported when the CICS region was canceled. TSS9999E CA-TSS SECURITY SVC ABEND U0998 IN TSSKERNL+1B12 IMPACT: For the U0801 abend, the transaction fails and region continues to process. For the U0998 abend, the region terminates. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10354 Copyright (C) 2020 CA. All rights reserved. R00886-TSS160-SP1 DESC(USER 0801 / 0998 ABEND AFTER SO11357). ++VER (Z038) FMID (CAKOG00) PRE (R081843 R083104 R084794 R085911 R086945 R088796 R089334 R089828 R091603 R092696 R092771 R094971 R095793 R095818 R096857 R097009 R097371 R098297 R098716 R098757 R098795 R098804 R099167 R099320 R099512 R099645 S000132 S000168 S000713 S000934 S001069 S001265 S001489 S001509 S001630 S001968 S003858 S003993 S004066 S004391 S004444 S004936 S004966 S004996 S005264 S005586 S005615 S006391 S006548 S006599 S006616 S006832 S006966 S007478 S007990 S008020 S008490 S010311 S010482 S010485 S011357 S011410) SUP (AC90345 AR88603 AR92771 AR98297 AS11357 BR88603 BR89334 R080102 R088603 R089210 R089889 R090784 R093932 R094168 R095692 R096696 R097390 R097776 R097899 R098389 S000254 S000773 S001198 S001513 S001741 S005250 S005414 S005801 S005970 S007052 S007652 S008399 S008736 S009529 S011140 ST00032 ST00046 ST00090 ST00254 ST00773 ST00906 ST01198 ST01273 ST01316 ST01354 ST01371 ST01375 ST01513 ST01741 ST01968 ST03695 ST03793 ST03809 ST03828 ST03830 ST04670 ST05121 ST05216 ST05226 ST05250 ST05414 ST05801 ST05970 ST07052 ST07408 ST07562 ST07568 ST07628 ST07652 ST08390 ST08399 ST08736 ST09529 ST10459 ST11140 ST11378 ST11633 ST11950 ST12058 ST12161 TR80102 TR87953 TR88603 TR89210 TR89691 TR89828 TR89889 TR90753 TR90784 TR93901 TR93932 TR94168 TR95646 TR95692 TR95923 TR96134 TR96364 TR96365 TR96553 TR96696 TR96715 TR96790

Service	Details
	TR96899 TR97138 TR97390 TR97776 TR97899 TR98062 TR98389 TR98715 TR98757 TR98795 TR99976 TR99987 TR99991) ++HOLD (SO12161) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20065) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Prevent USER 801 / 998 ABENDs +-----+ USERS CICS user with SO11357 applied AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** SMP APPLY, LLA REFRESH, restart CA Top Secret with TSS,,REINIT).

Service	Details
SO12296	SO12296 M.C.S. ENTRIES = ++PTF (SO12296) CICS TYPE APPLICATIONS SOC4 IN TSSKID AT OFFSET X'2E0C' PROBLEM DESCRIPTION: The problem has been seen when shutting down BETA92 address space. It has also been seen in ROSCOE during signoff processing. SYMPTOMS: TSS9999E CA-TSS SECURITY SVC ABEND SOC4 IN TSSKERNL+2F1C TSSRSVCS SOC4 at 116B2FDC LMOD TSSKERNL CSECT TSSKID +002E0C IMPACT: BETA92 abends during address space termination and a dump is taken. ROSCOE abends and the user is terminated. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10362 Copyright (C) 2020 CA. All rights reserved. R00890-TSS160-SP1 DESC(CICS TYPE APPLICATIONS SOC4 IN TSSKID AT OFFSET X'2E0C'). ++VER (Z038) FMID (CAKOG00) PRE (R081843 R083104 R084794 R086945 R088603 R088796 R089334 R089828 R089889 R091603 R092696 R092771 R094971 R095793 R095818 R096696 R096857 R097371 R098297 R098795 R098804 R099167 R099320 R099512 R099645 S000168 S000713 S000934 S001265 S001489 S001509 S001630 S001968 S003993 S004066 S004391 S004444 S004936 S004966 S004996 S005250 S005264 S005586 S005615 S006391 S006599 S006616 S006832 S006966 S007478 S007990 S008020 S008490 S010311 S010482 S010485 S011410 S012161) SUP (AC90345 AR88603 AR92771 AR98297 AS12161 BR88603 BR89334 R080102 R089210 R090784 R093932 R094168 R095692 R097390 R097776 R097899 S000254 S000773 S001513 S001741 S005801 S005970 S007052 S007652 S008399 S008736 S009529 S011140 ST00032 ST00046 ST00254 ST00773 ST00906 ST01273 ST01316 ST01354 ST01371 ST01375 ST01513 ST01741 ST01968 ST03695 ST03809 ST03828 ST03830 ST04670 ST05226 ST05801 ST05970 ST07052 ST07408 ST07562 ST07568 ST07628 ST07652 ST08390 ST08399 ST08736 ST09529 ST10459 ST11140 ST11378 ST11633 ST11950 ST12296 TR80102 TR89210 TR89691 TR89828 TR89889 TR90753 TR90784 TR93901 TR93932 TR94168 TR95692 TR96364 TR96365 TR97390 TR97776 TR97899 TR98062 TR98715 TR98795 TR99976) ++HOLD (SO12296) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20085) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+

Service	Details
	SEQUENCE After Apply
	+-----+-----+
	PURPOSE Prevent SOC4 logging off BETA92
	+-----+-----+
	USERS Client running BETA92
	AFFECTED
	+-----+-----+
	KNOWLEDGE 1. Console commands
	REQUIRED 2. Top Secret administration
	+-----+-----+
	ACCESS 1. Console authority
	REQUIRED 2. TSS administrative authority
	+-----+-----+

	* STEPS TO PERFORM *

	SMP APPLY, LLA REFRESH, restart CA Top Secret with TSS,,REINIT
	).

Service	Details
SO12408	SO12408 M.C.S. ENTRIES = ++PTF (SO12408) CFILE RECORD 700 MISSING PHRASEONLY ATTRIBUTE PROBLEM DESCRIPTION: If an acid contains the attribute PHRASEONLY, TSSCFILE record 700 is missing PHRASEON attribute in columns 225-233. SYMPTOMS: TSSCFILE record 700 missing PHRASEON attribute. IMPACT: Not able to identify that acid has PHRASEONLY attribute via TSSCFILE report. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 10366 Copyright (C) 2020 CA. All rights reserved. R00895-TSS160-SP1 DESC(CFILE RECORD 700 MISSING PHRASEONLY ATTRIBUTE). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R092696 R095026 R095454 R097892 R099320 R099844 S000816 S001069 S001882 S004082 S004371 S004851 S006391 S006621 S006929 S008923 S010685) SUP (R081160 R087515 R090626 S011311 ST10387 ST10609 ST11311 ST12117 ST12408 TR81160 TR87515 TR90626) ++HOLD (SO12408) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20087) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Correct CFILE listing of record 700 attribute PHRASEONLY +-----+-----+ USERS Users of CFILE and PHRASEONLY. AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** LLA refresh, and REINIT TSS). MCS SO11952 STARTS ON PAGE 0002 MCS SO12039 STARTS ON PAGE 0003 MCS SO12118 STARTS ON PAGE 0004 MCS SO12129 STARTS ON PAGE 0005 </pre>

Service	Details		
	MCS	SO12161	STARTS ON PAGE 0007
	MCS	SO12296	STARTS ON PAGE 0009
	MCS	SO12408	STARTS ON PAGE 0011

CA Top Secret Security for z/OS 16.0
CA RS 2004 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2004 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
CAR1804	S001123	CAKOG00
	S001085	CAKOG00
	S001069	CAKOG00
	S000973	CAKOG01
	S000934	CAKOG00
	S000816	CAKOG00
	S000773	CAKOG00
	S000713	CAKOG00
	S000316	CAKOG00
	S000387	CAKOG00
	S000365	CAKOG00
CAR1803	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
	S000169	CAKOG01
	S000168	CAKOG00
CAR1802	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
CAR1708	R097009	CAKOG00
	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
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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
	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