

Top Secret Security for z/OS 16.0
CA RS 2111 Service List

1

Service	Description	Type
LU02803	ABEND SOC4 IN TSSKROUT+2AA INVALID @ACEE IBM MFA FTP	PTF
LU02880	TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS	PTF
LU02881	TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS	PTF
LU02892	UPDATE TSSCFIL FOR NEW MFA CERTIFICATE DATA	PTF
LU02918	ABEND SOC4 IN TSSKERNL DURING TSS COMMAND PROCESSING	PTF
LU03127	MODIFY VTHRESH ERROR DISPLAYS DUPLICATE MESSAGE	PTF
R085631	SOC1 TSSAUTTK +174 P11TOKEN IMPORT WHEN ICSF DOWN	PTF
The CA RS 2111 service count for this release is 7		

Top Secret Security for z/OS
CA RS 2111 Service List for CAKOG00

2

FMID	Service	Description	Type
CAKOG00	LU02803	ABEND SOC4 IN TSSKROUT+2AA INVALID @ACEE IBM MFA FTP	PTF
	LU02880	TSS0762I DIAGNOSTICS DUMP TAKEN DURING CICS	PTF
	LU02892	UPDATE TSSCFIL FOR NEW MFA CERTIFICATE DATA	PTF
	LU02918	ABEND SOC4 IN TSSKERNL DURING TSS COMMAND PROCESSING	PTF
	LU03127	MODIFY VTHRESH ERROR DISPLAYS DUPLICATE MESSAGE	PTF
	RO85631	SOC1 TSSAUTTK +174 P11TOKEN IMPORT WHEN ICSF DOWN	PTF
The CA RS 2111 service count for this FMID is 6			

Top Secret Security for z/OS
CA RS 2111 Service List for CAKOG01

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FMID	Service	Description	Type
CAKOG01	LU02881	TSS0762I DIAGNOSTICS DUMP TAKEN DURING CICS	PTF
The CA RS 2111 service count for this FMID is 1			

Service	Details																		
LU02803	LU02803 M.C.S. ENTRIES = ++PTF (LU02803) ABEND SOC4 IN TSSKROUT+2AA INVALID @ACEE IBM MFA FTP PROBLEM DESCRIPTION: An Abend in TSSKROUT+2AA running IBM MFA File Transfer Program occurs when invalid credentials are submitted. SYMPTOMS: After submitting invalid credentials during IBM MFA FTP logon, an Abend SOC4 occurs. IMPACT: Unsuccessful logon under FTP using IBM MFA factor. CIRCUMVENTION: N/A. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14812 Copyright (C) 2021 CA. All rights reserved. R01186-TSS160-SP1 DESC(ABEND SOC4 IN TSSKROUT+2AA INVALID @ACEE IBM MFA FTP). ++VER (Z038) FMID (CAKOG00) PRE (LU00747 LU01796 R083104 R084794 R088796 S012965 S015896) SUP (LT02803 S007199 ST07199) ++HOLD (LU02803) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21277) COMMENT (<table border="1"> <tr> <td>CA 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>Negate SOC4 abend during IBM MFA FTP logon.</td></tr> <tr> <td>USERS</td><td>IBM MFA FTP users.</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>1. Console commands</td></tr> <tr> <td>REQUIRED</td><td>2. Top Secret administration</td></tr> <tr> <td>ACCESS</td><td>1. Console authority</td></tr> <tr> <td>REQUIRED</td><td>2. TSS administrative authority</td></tr> </table> ***** * STEPS TO PERFORM * ***** LLA Refresh and REINIT of TSS).	CA Top Secret for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Negate SOC4 abend during IBM MFA FTP logon.	USERS	IBM MFA FTP users.	AFFECTED		KNOWLEDGE	1. Console commands	REQUIRED	2. Top Secret administration	ACCESS	1. Console authority	REQUIRED	2. TSS administrative authority
CA Top Secret for z/OS	Version 16.0																		
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USERS	IBM MFA FTP users.																		
AFFECTED																			
KNOWLEDGE	1. Console commands																		
REQUIRED	2. Top Secret administration																		
ACCESS	1. Console authority																		
REQUIRED	2. TSS administrative authority																		

Service	Details
LU02880	LU02880 M.C.S. ENTRIES = ++PTF (LU02880) The following items are included in this solution: 1. TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS 2. CICS SIGN(S) FAILING AFTER CTS 5.5 ===== TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS PROBLEM DESCRIPTION: Message TSS0762I is issued during initialization of a CICS region and when using the Facility Matrix Defacid. The corresponding dumps occurs for the following events: 1. During sign_on events that are issued from non-CICS transaction tasks such Domain Manager(DM). 2. During sign_on events that use the Facility Matrix Defacid. The region continues to initialize and is fully operational. A maximum of two dumps may be taken by the CICS region. SYMPTOMS: Message "TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match", is issued and the region continues to initialize or the transaction continues processing. IMPACT: SVC dump occurs and should be sent in for review. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14698 ===== CICS SIGN(S) FAILING AFTER CTS 5.5 PROBLEM DESCRIPTION: In CTS 5.5 and above SIGN(S) processing fails an 'EXEC CICS VERIFY USERID(XXXX) PASSWORD(XXXX)' if the user is already signed on. SYMPTOMS: TSSUTIL shows that the signon fails with DRC 14, RACROUTE shows a return code of 1C / 14 DRC 14 = YOUR ACCESSOR ID IS ALREADY IN USE ON TERMINAL xxxx. IMPACT: EXEC CICS VERIFY USERID(XXXX) PASSWORD(XXXX) fails with: RESPONSE: NOTAUTH EIBRESP=+0000000070 EIBRESP2=+0000000019. CIRCUMVENTION: Modify the TSS FACILITY from SIGN(S) to SIGM(M). Example: TSS MODIFY FAC(CICSPROD=SIGN(M)) PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14357 Copyright (C) 2021 CA. All rights reserved. R01190-TSS160-SP1 DESC(TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS). ++VER (Z038) FMID (CAKOG00) PRE (LU00745 LU00910 LU01657 LU01778 R083104 R084794 R086945 R088603 R088796 R089334 R089889 R092696

Service	Details
	R092771 R094971 R095793 R096696 R096857 R098297 R098795 R098804 R099167 R099320 R099512 R099645 S000168 S000713 S001265 S001489 S001509 S001630 S001968 S003993 S004066 S004391 S004444 S004966 S004996 S005250 S005264 S005615 S006391 S006599 S006616 S006832 S006966 S007990 S008020 S008490 S010311 S010482 S010485 S011357 S011410 S012161 S012296 S012318 S012940 S014392 S014730 S015439 S015715 S016290 S016294) SUP (AR88603 AR98297 AS10311 AS16290 BL00910 BR88603 BR89334 LT00817 LT00851 LT01407 LT01685 LT02026 LT02265 LT02638 LT02717 LT02758 LT02769 LT02849 LT02880 LT03155 LU00817 LU00851 LU01407 LU01685 LU02026 R089210 R090784 R094168 R095692 R097390 R097899 S000254 S000773 S001513 S001741 S005801 S005970 S007052 S007652 S008399 S008736 S011140 S016319 ST00032 ST00254 ST00773 ST00906 ST01273 ST01316 ST01354 ST01371 ST01375 ST01513 ST01741 ST01968 ST03828 ST03830 ST04670 ST05226 ST05801 ST05970 ST07052 ST07408 ST07562 ST07568 ST07628 ST07652 ST08390 ST08399 ST08736 ST11140 ST11357 ST11378 ST11410 ST11633 ST11950 ST12058 ST16319 TR89210 TR89691 TR89889 TR90753 TR90784 TR94168 TR95692 TR97390 TR97899 TR98062 TR98715 TR98795 TR99976) ++IF FMID(CAKOG01) REQ(LU02881) . ++HOLD (LU02880) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21292) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Prevent TSS0762I during CICS start up Handle SIGN(S) processing CTS 5.5 and above +-----+ USERS Running CICS / CTS AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** 1. SMP APPLY 2. LLA REFRESH 3. Recycle TSS with REINIT 4. Recycle CICS regions).

Service	Details
LU02881	LU02881 M.C.S. ENTRIES = ++PTF (LU02881) The following items are included in this solution: 1. TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS 2. CICS SIGN(S) FAILING AFTER CTS 5.5 ===== TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS PROBLEM DESCRIPTION: Message TSS0762I is issued during initialization of a CICS region and when using the Facility Matrix Defacid. The corresponding dumps occurs for the following events: 1. During sign_on events that are issued from non-CICS transaction tasks such Domain Manager(DM). 2. During sign_on events that use the Facility Matrix Defacid. The region continues to initialize and is fully operational. A maximum of two dumps may be taken by the CICS region. SYMPTOMS: Message "TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match", is issued and the region continues to initialize or the transaction continues processing. IMPACT: SVC dump occurs and should be sent in for review. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14698 ===== CICS SIGN(S) FAILING AFTER CTS 5.5 PROBLEM DESCRIPTION: In CTS 5.5 and above SIGN(S) processing fails an 'EXEC CICS VERIFY USERID(XXXX) PASSWORD(XXXX)' if the user is already signed on. SYMPTOMS: TSSUTIL shows that the signon fails with DRC 14, RACROUTE shows a return code of 1C / 14 DRC 14 = YOUR ACCESSOR ID IS ALREADY IN USE ON TERMINAL xxxx. IMPACT: EXEC CICS VERIFY USERID(XXXX) PASSWORD(XXXX) fails with: RESPONSE: NOTAUTH EIBRESP=+0000000070 EIBRESP2=+0000000019. CIRCUMVENTION: Modify the TSS FACILITY from SIGN(S) to SIGM(M). Example: TSS MODIFY FAC(CICSPROD=SIGN(M)) PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14357 Copyright (C) 2021 CA. All rights reserved. R01190-TSS160-SP1 DESC(TSS0762I DIAGNOTICS DUMP TAKEN DURING CICS). ++VER (Z038) FMID (CAKOG01) PRE (LU00746) SUP (LT02630 LT02759 LT02770 LT02881)

Service	Details
	<pre> ++IF FMID(CAKOG00) REQ(LU02880) . ++HOLD (LU02881) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (21292) COMMENT (+-----+ CA Top Secret for z/OS CICS Component Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Prevent TSS0762I during CICS start up Handle SIGN(S) processing CTS 5.5 and above +-----+ USERS Running CICS / CTS AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** 1. SMP APPLY 2. LLA REFRESH 3. Recycle TSS with REINIT 4. Recycle CICS regions).</pre>

Service	Details		
LU02892	LU02892 M.C.S. ENTRIES = ++PTF (LU02892) UPDATE TSSCFIL FOR NEW MFA CERTIFICATE DATA PROBLEM DESCRIPTION: Update TSSCFIL to include MFA certificate TAG data under record 5206. SYMPTOMS: Unknown data encountered on next line for ACID IMPACT: MFA Certificate TAG data not displayed under CFIL report for record 5206. CIRCUMVENTION: Use TSS LIST(acid) DATA(MFA) to obtain MFA certificate TAG data. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14630 Copyright (C) 2021 CA. All rights reserved. R01192-TSS160-SP1 DESC(UPDATE TSSCFIL FOR NEW MFA CERTIFICATE DATA). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R092696 R095026 R095454 R097892 R099320 R099844 S000816 S001069 S001882 S004082 S004371 S004851 S006391 S006621 S006929 S008923 S010685 S012923 S012947 S014730 S015905 S016294) SUP (LT02892 R081160 R087515 R090626 S011311 S012408 S013382 S013510 ST10387 ST10609 ST11311 ST12117 ST12408 ST12793 ST13382 ST13510 ST16008 ST16009 TR81160 TR87515 TR90626) ++HOLD (LU02892) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21277) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Add support for multiple MFA TAGS data USERS TSSCFIL and MFA 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 Top Secret).	CA Top Secret for z/OS	Version 16.0
CA Top Secret for z/OS	Version 16.0		

Service	Details																		
LU02918	LU02918 M.C.S. ENTRIES = ++PTF (LU02918) ABEND SOC4 IN TSSKERNL DURING TSS COMMAND PROCESSING PROBLEM DESCRIPTION: Abend SOC4 may occur in the TSSKERNL during TSS command processing for commands that use the PSWDPHR keyword followed by comments. The abend occurs while recording the command event to the recovery file. This abend only occurs with AES encryption active. SYMPTOMS: TSS9190A CA-TSS COMMAND PROCESSOR ABEND SOC4 IN TSSKERNL+19D5C CCSR010E TSSAUTHZ SOC4 LMOD TSSKERNL CSECT TSSKCHG +000EFC TSS TSS0292E TSS COMMAND ABENDED PROCESSING THIS REQUEST IMPACT: The TSS command completes the update to the security file, but the recovery event record is not written to the recovery file if an abend occurs. If an abend does not occur, the recovery record is written but the content is incorrect. Depending on the content of the data following the PSWDPHR keyword, there can also be storage related problems in the Top Secret address space due to a large allocation of storage not being freed. CIRCUMVENTION: Do not include comments or other data following the keyword PSWDPHR. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14885 Copyright (C) 2021 CA. All rights reserved. R01196-TSS160-SP1 DESC (ABEND SOC4 IN TSSKERNL DURING TSS COMMAND PROCESSING) . ++VER (Z038) FMID (CAKOG00) PRE (R084794 R086945) SUP (LT02918 R091735 TR91735) ++HOLD (LU02918) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21273) COMMENT (<table border="1"> <tr> <td>CA 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>Activate changes without an IPL</td></tr> <tr> <td>USERS</td><td>All users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>TSS administrative 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 *	CA Top Secret for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate changes without an IPL	USERS	All users	AFFECTED		KNOWLEDGE	TSS administrative commands	REQUIRED	z/OS Operator commands	ACCESS	TSS administrative command authority	REQUIRED	z/OS Operator command authority
CA Top Secret for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate changes without an IPL																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	TSS administrative commands																		
REQUIRED	z/OS Operator commands																		
ACCESS	TSS administrative command authority																		
REQUIRED	z/OS Operator command authority																		

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

Service	Details
LU03127	M.C.S. ENTRIES = ++PTF (LU03127) MODIFY VTHRESH ERROR DISPLAYS DUPLICATE MESSAGE PROBLEM DESCRIPTION: A MODIFY VTHRESH control option request with invalid data generates duplicate TSS9076I error messages. SYMPTOMS: TSS9079E INVALID DATA TSS9076I CURRENT OPTION IS <VTHRESH(255,NOT)> TSS9076I CURRENT OPTION IS <VTHRESH(255,NOT)> TSS0301I MODIFY FUNCTION FAILED, RETURN CODE = 8 IMPACT: The duplicate error message has no impact on product functionality. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Related Problem: TSSMVS 14761 Copyright (C) 2021 CA. All rights reserved. R01201-TSS160-SP1 DESC(MODIFY VTHRESH ERROR DISPLAYS DUPLICATE MESSAGE). ++VER (Z038) FMID (CAKOG00) PRE (LU01778 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 S012760 S013890 S014413 S015439 S016019 S016290 S016294) SUP (AS08182 AS12760 LT00832 LT02713 LT03127 LU00832 R089682 R095424 S004576 S011001 S011907 S012129 S013014 ST04345 ST04530 ST04576 ST05681 ST06421 ST06648 ST06701 ST10585 ST11001 ST11676 ST11907 ST12129 ST13013 ST13014 ST13663 ST13750 TR84431 TR89682 TR95424) ++HOLD (LU03127) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21294) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Activate changes without an IPL +-----+ USERS All users AFFECTED +-----+ KNOWLEDGE TSS administrative commands REQUIRED z/OS Operator commands +-----+ ACCESS TSS administrative command authority REQUIRED z/OS Operator command authority)

Service	Details
	<pre>+-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH 2. Restart CA Top Secret with ,,,REINIT).</pre>

Service	Details		
RO85631	RO85631 M.C.S. ENTRIES = ++PTF (RO85631) SOC1 TSSAUTTK +174 P11TOKEN IMPORT WHEN ICSF DOWN PROBLEM DESCRIPTION: TSS P11TOKEN IMPORT LABLCTKN(RESTRICTEDADMINAUTHOKEN) TOKNDATA(RAAUSR1, RAACERT2) SEQNUM(1) TSS0292E TSS COMMAND ABENDED PROCESSING THIS REQUEST TSS gets a SOC1 abend at TSSAUTTK +174. The error occurs because SAFCRCSF does not set a valid return code when ICSF is down. Other P11TOKEN functions (TOKENDEL, TOKENLST, BIND, UNBIND,TOKENADD) may get incorrect messages when ICSF is down. SYMPTOMS: TSS P11TOKEN IMPORT command abend SOC1. IMPACT: Command should fail but not abend. CIRCUMVENTION: Start ICSF. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 15.0 Related Problem: TSSMVS 9737 Copyright (C) 2015 CA. All rights reserved. R00053-TSS160-SP0 DESC(SOC1 TSSAUTTK +174 P11TOKEN IMPORT WHEN ICSF DOWN). ++VER (Z038) FMID (CAKOG00) SUP (TR85631) ++HOLD (RO85631) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (15294) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Correct abend in TSSAUTTK USERS All users. AFFECTED KNOWLEDGE 1- Product Administration REQUIRED 2- SMP/e 3- z/OS Systems Programming 4- Security Administration ACCESS SMP/e CSI libraries REQUIRED ***** * STEPS TO PERFORM * ***** LLA refresh, F TSS,Refresh(SAFAL)). MCS LU02803 STARTS ON PAGE 0002	CA Top Secret for z/OS	Version 16.0
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Service	Details		
	MCS	LU02880	STARTS ON PAGE 0003
	MCS	LU02881	STARTS ON PAGE 0005
	MCS	LU02892	STARTS ON PAGE 0008
	MCS	LU02918	STARTS ON PAGE 0009
	MCS	LU03127	STARTS ON PAGE 0010

Top Secret Security for z/OS 16.0
CA RS 2111 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2111 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
CAR2106	S016092	CAKOG00

CA RS Level	Service	FMID
	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
	S016019	CAKOG00

CA RS Level	Service	FMID
	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
	S013389	CAKOG00

CA RS Level	Service	FMID
	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
	S011504	CAKOG00

CA RS Level	Service	FMID
	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
	S008611	CAKOG00

CA RS Level	Service	FMID
	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
	S007261	CAKOG00

CA RS Level	Service	FMID
	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
	S003835	CAKOG00

CA RS Level	Service	FMID
	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
	S003993	CAKOG00

CA RS Level	Service	FMID
	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
	S000139	CAKOG00

CA RS Level	Service	FMID
	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
	R098634	CAKOG03

CA RS Level	Service	FMID
	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
	R096103	CAKOG00

CA RS Level	Service	FMID
	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
	R092092	CAKOG00

CA RS Level	Service	FMID
	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
	R089210	CAKOG00

CA RS Level	Service	FMID
	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