

Field campaign

Topic	Software Update BJB and HV ECUs Continental GT/GTC/Flying Spur 25MY (SC25/10)
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2077696/4
Campaign number	ED40
Note	
Type	
US code	

Vehicle data

25MY Continental GT/GTC/Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z23*	2025	E		*	*	*
Z24*	2025	E		*	*	*
Z32*	2025	E		*	*	*

Documents

Document name
master.xml
ed40vinlist.pdf

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Notes



Technical background

Software updates must be applied to update the vehicles Baseline Integration Level (BiL).

The software update corrects the following Diagnostic trouble codes (DTCs):

- P060100: High Voltage Battery (Address 008C) Internal Control Module Memory Checksum Error
- P057F00: Battery "A" State of Charge Performance, B11B300 Igniter for high voltage battery interrupt
- P0A0B00: High Voltage System Interlock Circuit Performance (HVIL).

CAUTION

If Campaign ED18 is marked as an outstanding Campaign in ElsaPro, it must be completed before starting this update

Remedy

The instructions within the 'Work' section **must** be conducted to completion.

Customer notification

Please ensure all applicable instructions are conducted at the nearest opportunity.

Warranty

SVM Update Time

Claim type: 790 or 710

Service number: ED40

Damage code: 0066

Criteria:01

Labour Operation Code: 01 51 00 00

Time: As per ODIS log (Must not exceed 200TU)

Additional Time Allowance

A 100TU allowance may be claimed only if a SVM update fails to complete successfully. This is intended to cover additional diagnostic or recovery work directly resulting from the failed update. It must not be used for unrelated delays or issues.

ODIS logs must be attached to a DISS ticket for evidence of failure. Claims without valid documentation will be rejected. Warranty Adjudicators will review associated ODIS logs and DISS queries to determine actual software update time.

Parts

Not Applicable

Parts supply

Not Applicable

Parts despatch control

Not Applicable

Repair instructions



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Check

Check if the vehicle is already listed as repaired in "Repair history" (in ElsaPro).

Please also refer to the "Identification" section and check if a paint identification mark is evident in the vehicle.

If the vehicle is not shown in ElsaPro as repaired, and the identification mark is not present, please conduct the instructions within the 'Work' section to completion

Parts

Not Applicable

Work

CAUTION

The Bentley ODIS-S Brand Version **MUST** be at least 2.35.2 (or higher).

CAUTION

Before conducting the onward instructions, the operative **MUST** recheck the communication method in ODIS and ensure that DoIP is selected before proceeding. Within ODIS-S, perform the following:

- On the right hand side, select the "Admin" tile (Within 'Operating modes')
- Select "GFF sequence" (Within 'General information' section)
- Under the "Selection of Communication path" drop-down menu, select "Only permit DoIP communication".

CAUTION

DO NOT, UNDER ANY CIRCUMSTANCES, ATTEMPT TO CONDUCT THE SOFTWARE UPDATE VIA THE CAN NETWORK. ONLY DoIP SHOULD BE USED WHEN PERFORMING THE SVM UPDATE.

CAUTION

You **MUST ONLY** use the Diagnosis Interface VAS 6154 (WiFi Diagnostic Tool) in USB OPERATION or the CABLE-CONNECTED VAS 5055 for the reprogramming (updating) of the control units.

- If neither of these units are available, the VAS 5054 (A) may be used in USB MODE.
- **DO NOT** under any circumstances use a Bluetooth connection to conduct the reprogramming (updating) of any control units.

Battery Charger

CAUTION

ONLY Chargers that meet the approved specification on the Mandatory Equipment List (available on the Bentley Hub) **MUST** be used.

- The charger must be set to a mode where a **MINIMUM** of 90a is supplied to the battery during the process. Typically, this is known as 'Power Supply Mode' or 'DIAG+ Mode'.
- A voltage of exactly 14.8v must be set and maintained throughout the process.
- Please refer to the manual to ensure that these requirements are met before beginning any SVM update

Preparation Before Update

WARNING

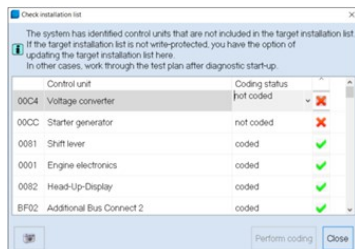
Hybrid Vehicles use a High Voltage System and therefore **MUST ONLY** be worked on by suitable personnel

CAUTION

During the update, switch off all unnecessary consumers. For example, ventilation, seat heaters, interior illumination, exterior lights ect.

Conduct a full guided fault find of the vehicle.

If a 'Check Installation List' pop-up appears, select 'close' (see below image)



Referring to TPI 2075920, address any unknown faults **BEFORE** conducting any of the below updates.

Ensure that the correct battery charger is connected to the vehicle. – Refer to the “Battery Charger” Section above.

Obtaining flash files for ODIS-S

NOTICE

The Bentley ODIS-S Brand Version 2.35.2 does not require Hotfix. Only loading of the local flash files.

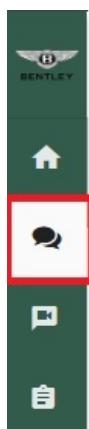
Visit <https://bentley.atheer.io/> and log in with the following case-sensitive account details.

- Username: bilupdate
- Password: Bentley123!

NOTICE

If you are already logged into your retailer account, you will need to logout first. To do this, click on your account initials (bottom left corner) and click “Sign Out”.

After logging in, using the navigation bar on the left hand side, click on the ‘conversations’ tab



Next, click the conversation named “ED40 Campaign”.

NOTICE

You **MUST NOT** leave the conversation, remove users from the conversation, delete the conversation or alter the conversation in any way. The **ONLY** action you are permitted to perform is download the applicable file required for this campaign.

In this conversation, you will find a file named “ED40_Local_Flash_Files”.

Left click the file name and download the folder.

After left-clicking the files to download them, the download may take circa 5-10 minutes, do not interrupt this process. You may need to wait a short period (internet speed dependent) for the files to download.

During/before the download commences, there may be a warning about a "pop-up" being blocked which will prevent the file from downloading, ensure to select option "Allow Pop-Ups from this website" to download the file. Wording may differ depending on web browser.

Locate the download file and extract it. To do this, right click the file, click "7 zip" and then "Extract here"

After successfully downloading the file, please logout of the account.

Downloading Flash Files for ODIS-S

From the content within the 'ED40_Local_Flash_Files' download, copy the content of the folder into your root c:/temp drive on your ODIS device.

- FL_4M0915249AN_0201_UPD0004T0005_V001_S.odx
- FL_4M0915249AM_0207_ABJB7A60590M1_V001_S.odx
- FL_4M0915231AH_0204_XHX15EV0421M6_V001_S.odx

High Voltage Shutdown

 WARNING
De-energise the high-voltage system via ODIS-S. Refer to ElsaPro, Repair Group 93 – "De-energising high-voltage system" to do so.

1. After de-energisation, Refer to ElsaPro Repair Group 70 'Boot carpet – To remove and fit'. Remove the boot floor and gain access to the earth cable from the 12v battery negative and the body in white (This access will be required later in the test plan).

2. Navigate to 'Special functions' and select 'SVM – Pre 372BIL5201 Hotfix Routines', then 'Perform test'.

3. Switch to 'DoIP' when prompted.

4a. For Continental Flying Spur Vehicles Select '1) BMC/BJB 204/207 Update Repair' and follow the on-screen instructions.

4b. For Continental GT/GTC Vehicles Select '8) BMC/BJB 204/207 Update Repair' and follow the on-screen instructions.

- When the tester attempts to flash '008C - Battery regulation control module' you may receive a message informing you that the pre-conditions have not been met. Select 'done/continue'.
- On the following screen (shown below) select option 2 to attempt to flash the ECU – this should allow the '008C - Battery regulation control module' to flash successfully.

 NOTICE
If the flash fails, perform the below actions.

1. Exit the test.

2. Allow the car to sleep for 5 minutes.

a. Turn off the ignition.

- b. Remove all equipment from the car (Diagnostic tester/dongle, battery charger, keys).
- c. Close all doors, windows, bonnet and boot lid.
- d. Lock the vehicle to perform a CAN-BUS sleep (wait 5 minutes).

3. Clear DTCs from '008C - Battery regulation control module'.

3a. To do this, right click on control unit 008C, click Guided Functions and then click 'Clear Fault Memory'.

4. Return to 'Special functions' and run the test plan 'SVM – Pre 372BIL5201 Hotfix Routines'.

5. Within this test plan, select option 5 (008C BCM - Restore Communications with BJB) and run until completion.

6. Once the test has been completed, right click on control unit 008C and select guided functions. Then, read ECU Identification and ensure that the 06D0 (Battery Junction Box) appears as a subsystem within the read identification test plan.

7. Continue to the next SVM update.

SVM Code Input

 WARNING
Re-energise the high-voltage system via ODIS-S. Refer to ElsaPro, Repair Group 93 – “Re-energising high-voltage system” to do so.

1. After re-energising the High Voltage System, navigate to the “Special Functions” tab in ODIS-S.

2. Navigate to 'SVM – Code Input' and enter the SVM Code.

a. If the vehicle is any variant of a Continental GT or GTC, enter the SVM Code: “372ED40COM01”.

b. If the vehicle is any variant of a Continental Flying Spur, enter the SVM Code: “373ED40COM01”.

3. On the next screen, ensure that the SVM code displayed is correct.

4. You will be shown the communication type. **This MUST be set to “DoIP”.**

a. If “DoIP” is not selected, select option 3 until the communication type is set to “DoIP”.

5. After ensuring DoIP is selected, and a suitable battery charger is connected, select Option 1 – “Yes”.

a. From here, all control modules will be interrogated and the SVM action will take place.

6. Ensure that the diagnostic device remains connected for the duration of the update.

7. Follow all on-screen prompts until the program ends.

a. If you have a prompt stating there is no communication established with 00CC, select done/continue.

8. Follow the on-screen instructions to completion.

9. If you are presented with this screen (Fig 3) at the end of the update, the update was successful. Please continue to step 11.

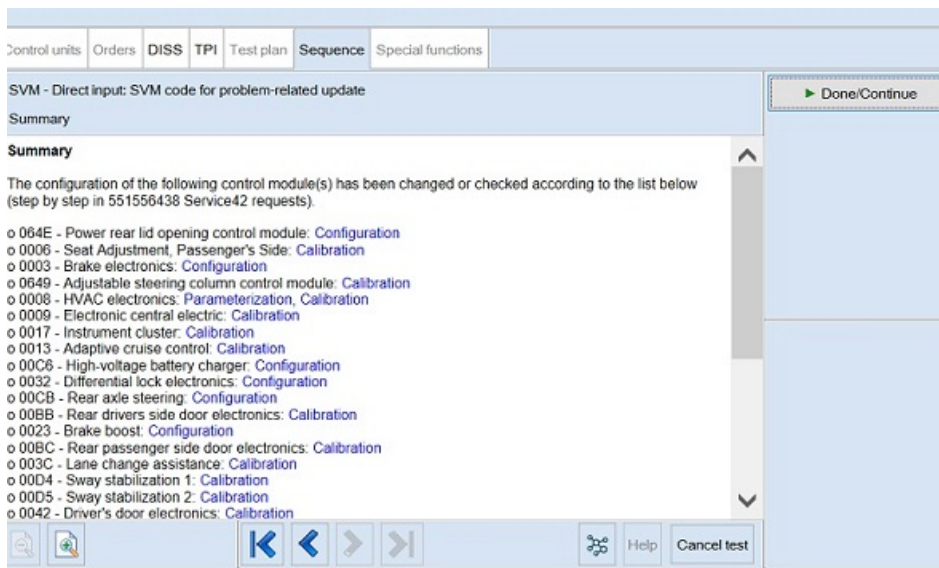


Fig 3

10. If you encounter any errors during the update, please raise a FULL TECHNICAL DISS query.

- a. Customer Statement: "ED40 Support"
- b. Workshop Findings: Give a summary of the error encountered and ensure that the latest Guided Fault Finding log is submitted online.

11. After successful completion of the update, perform the following.

- a. Turn off the ignition.
- b. Remove all equipment from the car (Diagnostic tester/dongle, battery charger, keys).
- c. Close all doors, windows, bonnet and boot lid.
- d. Lock the vehicle to perform a CAN-BUS sleep (wait 15 minutes).

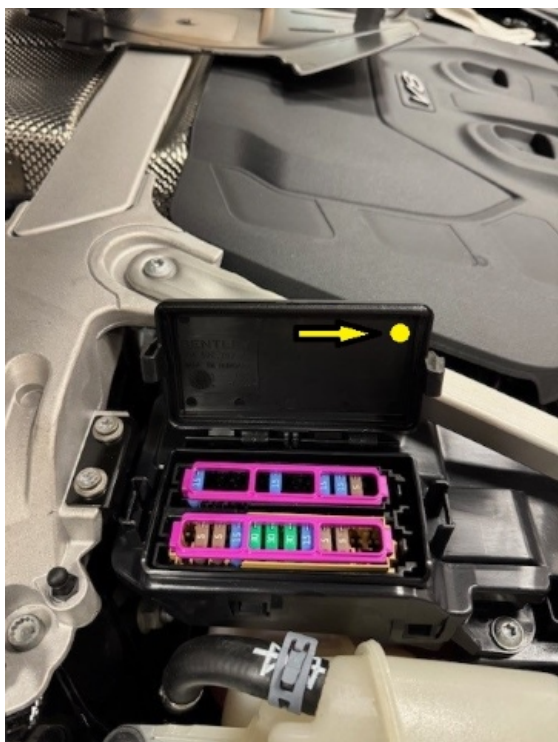
12. After 15 minutes, unlock and open the driver's door. Turn on the ignition, re-connect the battery charger and diagnostic dongle.

13. Re-run guided fault finding and clear DTCs. If any faults are present, refer to TPI 2075920. If any other faults are present, please raise a full DISS query with a full GFF log uploaded online stating the error encountered.

Identification

Once the applicable action has been conducted, the operative must submit a warranty claim as this will show the service campaign action as complete within Elsa Pro "Repair history".

You must also add a yellow paint mark to the underside of the Fusebox cover as per the picture below.



 [Repair instructions](#)  [Notes](#)

SCBBR6ZG2SC022409	SCBBR6ZG1SC022479	SCBBR6ZG7SC022440
SCBBR6ZG9SC022388	SCBBR6ZG4SC022511	SCBBR6ZG8SC022379
SCBCR2ZG4SC022408	SCBBR6ZG5SC022453	SCBBR6ZG9SC022620
SCBCR2ZG6SC022376	SCBBR6ZG7SC022504	SCBCR2ZG0SC022616
SCBDR4ZG2SC022391	SCBBR6ZGXSC022531	SCBCR2ZG6SC022541
SCBDR4ZG7SC022385	SCBCR2ZG2SC022505	SCBCR2ZG6SC022619
SCBCR2ZG0SC022406	SCBDR4ZG4SC022456	SCBDR4ZG2SC022617
SCBCR2ZG3SC022402	SCBDR4ZG6SC022426	SCBDR4ZG3SC022612
SCBDR4ZG5SC022403	SCBBR6ZG0SC022540	SCBDR4ZG7SC022502
SCBBR6ZG1SC022384	SCBBR6ZG6SC022509	SCBBR6ZG1SC022594
SCBBR6ZG3SC022466	SCBBR6ZG9SC022455	SCBCR2ZG4SC022523
SCBBR6ZG4SC022377	SCBBR6ZGXSC022514	SCBBR6ZG0SC022649
SCBBR6ZG7SC022485	SCBCR2ZG3SC022495	SCBBR6ZG1SC022644
SCBBR6ZGXSC022416	SCBCR2ZG4SC022568	SCBBR6ZG6SC022574
SCBDR4ZG3SC022447	SCBDR4ZG5SC022532	SCBBR6ZG8SC022429
SCBBR6ZG1SC022496	SCBBR6ZG8SC022558	SCBBR6ZGXSC022609
SCBBR6ZG4SC022427	SCBBR6ZGXSC022464	SCBCP2ZG3SC022678
SCBBR6ZG5SC022436	SCBBR6ZGXSC022562	SCBCR2ZG0SC022650
SCBBR6ZG8SC022396	SCBCR2ZG0SC022566	SCBCR2ZG1SC022625
SCBBR6ZG9SC022438	SCBCR2ZG1SC022575	SCBCR2ZG2SC022553
SCBBR6ZG9SC022472	SCBCR2ZG2SC022519	SCBCR2ZGXSC022641
SCBCR2ZG0SC022387	SCBCR2ZG2SC022570	SCBDR4ZG4SC022652
SCBCR2ZG8SC022458	SCBCR2ZG3SC022593	SCBDR4ZG7SC022600
SCBCR2ZG8SC022475	SCBCR2ZG7SC022550	SCBDR4ZG7SC022662
SCBCR2ZG9SC022484	SCBDR4ZG5SC022577	SCBBR6ZG0SC022697
SCBDR4ZG3SC022500	SCBBR6ZG2SC022524	SCBBR6ZG4SC022640
SCBDR4ZG4SC022411	SCBBR6ZG2SC022605	SCBBR6ZG5SC022422
SCBDR4ZG5SC022482	SCBBR6ZG3SC022631	SCBBR6ZG6SC022638
SCBDR4ZGXSC022459	SCBBR6ZG5SC022520	SCBCP2ZG9SC022698
SCBDR4ZGXSC022462	SCBBR6ZG5SC022551	SCBCR2ZG5SC022689
SCBBR6ZG1SC022448	SCBBR6ZG5SC022601	SCBDP4ZG7SC022683

SCBDR4ZG5SC022627	SCBBR6ZG8SC022723	SCBDP4ZG9SC022894
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SCBDR4ZG8SC022668	SCBCR2ZG0SC022812	SCBDR4ZG4SC022893
SCBBP6ZG1SC022682	SCBCR2ZG1SC022608	SCBDR4ZG9SC022579
SCBBR6ZG3SC022628	SCBCR2ZG8SC022816	SCBBP6ZG1SC022911
SCBBR6ZG4SC022671	SCBCR2ZGXSC022767	SCBBP6ZG8SC022775
SCBBR6ZG6SC022669	SCBCR2ZGXSC022798	SCBBP6ZGXSC022907
SCBBR6ZG9SC022701	SCBDP4ZG1SC022758	SCBBR6ZG1SC022885
SCBBR6ZGXSC022657	SCBDP4ZG9SC022782	SCBBR6ZG2SC022829
SCBCR2ZG5SC022739	SCBBP6ZG6SC022855	SCBBR6ZG6SC022817
SCBCR2ZG7SC022659	SCBBR6ZG2SC022801	SCBBR6ZG8SC022849
SCBCR2ZG7SC022709	SCBBR6ZG4SC022847	SCBCP2ZG3SC022888
SCBCR2ZG8SC022637	SCBBR6ZG5SC022842	SCBCP2ZG5SC022908
SCBDP4ZG1SC022677	SCBBR6ZGXSC022450	SCBDP4ZG6SC022836
SCBDR4ZG1SC022656	SCBCR2ZG6SC022538	SCBDR4ZGXSC022929
SCBBP6ZG1SC022763	SCBDP4ZG4SC022866	SCBBP6ZG9SC022994
SCBBR6ZG4SC022766	SCBDP4ZG9SC022846	SCBBP6ZGXSC022891
SCBBR6ZG7SC022695	SCBDR4ZG2SC022598	SCBBR6ZG4SC022914
SCBCP2ZG0SC022749	SCBDR4ZG3SC022724	SCBBR6ZG5SC022887
SCBCR2ZG4SC022733	SCBBP6ZG2SC022898	SCBCP2ZG8SC022949
SCBCR2ZG7SC022774	SCBBP6ZG6SC022726	SCBCR2ZG1SC022947
SCBDR4ZG1SC022768	SCBBP6ZG8SC022873	SCBCR2ZG7SC022533
SCBDR4ZG3SC022528	SCBBR6ZG1SC022806	SCBCR2ZG7SC022953
SCBDR4ZG4SC022747	SCBBR6ZG4SC022833	SCBCR2ZGXSC022932
SCBBP6ZG5SC022703	SCBBR6ZG9SC022827	SCBBR6ZG0SC023008
SCBBR6ZG2SC022748	SCBBR6ZGXSC022819	SCBBR6ZG9SC022925
SCBCR2ZG0SC022793	SCBCP2ZG5SC022830	SCBBR6ZGXSC022867
SCBDR4ZG6SC022765	SCBCR2ZG5SC022854	SCBCR2ZG1SC022995
SCBBP6ZG6SC022760	SCBCR2ZG6SC022877	SCBDP4ZG0SC022945
SCBBR6ZG0SC022795	SCBCR2ZGXSC022879	SCBDR4ZG5SC022126
SCBBR6ZG0SC022831	SCBDP4ZG8SC022899	SCBBR6ZG1SC023017

SCBBR6ZG2SC022880	SCBDR4ZG8SC023108	SCBCR2ZGXSC022753
SCBBR6ZG2SC022930	SCBBP6ZG0SC022799	SCBDP4ZG6SC023212
SCBBR6ZG2SC023012	SCBBP6ZG1SC023122	SCBBP6ZG5SC022734
SCBBR6ZG5SC022792	SCBBP6ZG2SC023114	SCBBP6ZG7SC022699
SCBCP2ZG0SC022993	SCBCP2ZG2SC023126	SCBBP6ZGXSC023264
SCBCP2ZG6SC023002	SCBCR2ZG1SC022852	SCBBR6ZG0SC023106
SCBCR2ZG9SC023022	SCBDP4ZGXSC023133	SCBBR6ZG0SC023283
SCBDP4ZG0SC022802	SCBCP2ZG9SC023138	SCBBR6ZG1SC022997
SCBDR4ZG0SC022941	SCBCP2ZGXSC023178	SCBBR6ZG7SC023281
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SCBDR4ZG9SC022999	SCBDP4ZG4SC023175	SCBCP2ZG1SC023263
SCBBP6ZG4SC023020	SCBBP6ZG8SC022680	SCBCP2ZG3SC023247
SCBBP6ZG9SC023014	SCBBR6ZG6SC023191	SCBDR4ZG0SC023250
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SCBBR6ZG2SC022717	SCBBP6ZG8SC023179	SCBBP6ZG6SC023312
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SCBDP4ZG4SC023029	SCBDP4ZG6SC022738	SCBBP6ZG5SC023317
SCBDR4ZG2SC023072	SCBDP4ZGXSC022449	SCBBP6ZG6SC023410
SCBBP6ZG1SC023055	SCBDR4ZG4SC023185	SCBBR6ZG0SC023042
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SCBCR2ZG6SC023141	SCBCP2ZG6SC023260	SCBBR6ZG7SC023197
SCBCR2ZGXSC023109	SCBCP2ZG7SC023221	SCBBR6ZG9SC023363
SCBDP4ZG3SC023071	SCBCR2ZG4SC023123	SCBBR6ZGXSC023372
SCBDR4ZG1SC023063	SCBCR2ZG8SC023268	SCBCP2ZG7SC023428

SCBCP2ZG8SC023311	SCBCR13S9SC022508	SCBDR33S0SC023076
SCBCP2ZG8SC023356	SCBBF53S1SC022529	SCBBR53S3SC023091
SCBCR2ZG0SC023314	SCBBR53S3SC022569	SCBCF13S7SC023195
SCBCR2ZG1SC023368	SCBCF13SXSC022610	SCBBR53S6SC022940
SCBCR2ZG4SC023235	SCBCF13S7SC022614	SCBDR33S6SC023129
SCBDP4ZG0SC023271	SCBDF33S2SC022486	SCBBR53S2SC023082
SCBDP4ZG2SC023384	SCBDR33S9SC022587	SCBBR53S0SC023274
SCBDP4ZG4SC023404	SCBDR33SXSC022632	SCBCR13S4SC023016
SCBDP4ZG5SC023315	SCBBF53S3SC022581	SCBDF33S1SC022589
SCBDP4ZG5SC023380	SCBCJ13S9SC022435	SCBCF13S7SC023052
SCBDR4ZG0SC023085	SCBDF33S4SC022635	SCBCR13S5SC023364
SCBDR4ZG1SC023421	SCBBR53S6SC022663	SCBCG13S3SC022381
SCBCF13SXSC022378	SCBCR13S6SC022725	SCBCG13S7SC022397
SCBDF33S3SC022383	SCBBR53S4SC022693	SCBBG53S6SC022412
SCBDF33S4SC022375	SCBBR53S9SC022740	SCBBG53SXSC022445
SCBCF13S2SC022424	SCBBR53S6SC022811	SCBCG13S4SC022437
SCBBR53S1SC022425	SCBCR13S8SC022807	SCBBG53S9SC022470
SCBBR53S4SC022404	SCBDR33S1SC022776	SCBCG13S4SC022499
SCBBR53S5SC022394	SCBBF53S1SC022580	SCBCG13S8SC022490
SCBCF13S8SC022461	SCBBF53S5SC022825	SCBCG13S9SC022434
SCBCF13SXSC022414	SCBBF53S2SC022815	SCBBG53S6SC022474
SCBDF33S7SC022452	SCBBF53S6SC022901	SCBBG53S9SC022498
SCBDF33S8SC022489	SCBBR53S7SC022834	SCBBF53S3SC022564
SCBBF53S6SC022476	SCBCR13S4SC022917	SCBBG53S3SC022433
SCBCF13S1SC022530	SCBBR53S0SC022920	SCBBG53S6SC022507
SCBCF13S9SC022467	SCBBR53S2SC022952	SCBBG53S8SC022542
SCBBJ53S6SC022556	SCBBR53S1SC023039	SCBBG53S2SC022584
SCBCF13S1SC022494	SCBBR53S0SC023033	SCBBG53S3SC022576
SCBCR13S4SC022545	SCBCR13S7SC023043	SCBBG53S4SC022571
SCBBR53S0SC022481	SCBBR53S4SC023097	SCBBG53S0SC022552
SCBCF13S1SC022544	SCBBR53S9SC023144	SCBBG53S5SC022613

SCBBG53S2SC022603	SCBBG53S4SC022876	SCBBG53S7SC023276
SCBCG13S0SC022645	SCBBG53S5SC022837	SCBBG53S9SC023053
SCBDF33SXSC022512	SCBBG53S2SC022942	SCBCG13S5SC023225
SCBBG53S1SC022642	SCBBG53S8SC022895	SCBCG13S6SC023217
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