



SI B51 24 17
Body Equipment

July 2018
Technical Service

RECALL 17V-328: E65/E66 (7 SERIES) DOOR LATCHES

New information provided by this revision is preceded by this symbol .

This Service Information bulletin supersedes SI B51 24 17 **dated June 2018**

What's New:

- The Warranty Information section was updated

MODEL

E65 (7 Series)

E66 (7 Series)

SITUATION

BMW AG is conducting a Voluntary Safety Recall (effective May 18, 2017) on Model Year 2005 - 2007 BMW 7 Series, with option 322 Comfort Access (CA), and involves the door latch.

The door can appear to be closed, although it has stopped in a position where the main detent is not fully engaged. Therefore, an irregular road surface, or an inadvertent contact with the door interior, could cause it to unexpectedly open while driving.

AFFECTED VEHICLES

Approximately 45,484 vehicles are affected by this recall.

Vehicles in dealer inventory are affected by this recall/stop. Vehicles which are affected will show the campaign as "Open" when checked either in AIR or ISPA Next.

The affected vehicles will be identified with the description:

- **0051170400 B512417 Recall: Door Latches**

Customers will be mailed a final letter in January 2018 informing them that the repair is now available.

CORRECTION

- Select the conversion "Conversion of comfort access with deletion of electric opening" and Program the vehicle with ISTA/P 3.64.2 (I-Level E065-17-11-545) or higher
- Select the conversion "Conversion of comfort access with deletion of electric opening" for the 2nd time and Program the vehicle with ISTA/P 3.64.2 (I-Level E065-17-11-545) or higher
- Based on the results of the 1st ISTA/P programming session, remove and replace defective door lock(s) only when instructed by the test procedure, and modify only the door locks listed in the ISTA/P results screen.

Refer to the attachment "Door Latch Test" that provides an overview of the new procedure. If you have any questions please contact Diagnosis.Feedback@bmwna.com

After the vehicle is repaired, the following changes to the Comfort Access system that apply must be explained to the customer:

- The central locking system unlocks the door when the outside door handle is touched. After a short waiting period (<1 second), the door can be opened by pulling the outside door handle.
- For vehicles produced prior to 03/01/2005, a double pull will be required to open a door.

PARTS INFORMATION

| Part Number | Description | Quantity |
|-----------------|----------------------------|--------------------------|
| Refer to ETK | Lock complete, front left | 1 when needed |
| Refer to ETK | Lock complete, front right | 1 when needed |
| Refer to ETK | Lock complete, rear left | 1 when needed |
| Refer to ETK | Lock complete, rear right | 1 when needed |
| 07 14 7 186 859 | Torx Bolt | Only replace when faulty |

PROCEDURE



1. Select the conversion "Conversion of comfort Access with deletion of electric opening" and program the vehicle with ISTA/P 3.64.2 (I-Level E065-17-11-545) or higher. Refer to the attachment on the new programming and testing procedure.
2. Follow the attached procedure for testing all 4 door locks. Based on the results of the test procedure, proceed to step 4 if any door locks fail the test procedure. If all door locks pass the test procedure, proceed to step 12

Note: For vehicles that are produced prior to 3/1/2005 the CAS cannot be programmed because of a hardware break. In this case, only modify the door locks and skip the conversion with ISTA/P.

Always connect a BMW approved battery charger/power supply (SI [B04 23 10](#)).

If programming cannot be performed because the vehicle has been modified or fails, submit a PuMA case for technical support.

3. Select the conversion "Conversion of comfort Access with deletion of electric opening" and program the vehicle with ISTA/P 3.64.2 (I-Level E065-17-11-545) or higher.

Important to make sure all doors closed and are unlocked with windows open

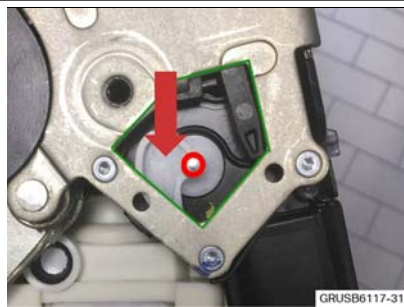
Always connect a BMW approved battery charger/power supply (SI [B04 23 10](#)).



If programming cannot be performed because the vehicle has been modified or fails, submit a PuMA case for technical support.

It is important prior to this repair to check the operation of Comfort Access and the door locks since this procedure will only correct the unexpected opening of the door while driving.

4. Only remove the door latch that was identified by ISTA/P as faulty. Leave the others alone.
 - “51 21 090 Removing and installing door lock in left or right front door
 - “51 22 090 Removing and installing door lock in left or right rear door



5. Once the door lock is removed, modify each lock by removing the white or yellow opening assist cam (red arrow).
6. If the door lock is replaced modify the new door lock as outlined below



7. Manually position the cam so that it is clearly visible in the opening.

8. Cut the head of the cam retainer off with a pair of cutters.



9. Slide the cam off and discard using a pair of needle nose vice grips.



10. Make sure the area is clean of debris from the repair.

11. Reinstall the door latches as per the repair instructions that were modified:

- “51 21 090 Removing and installing door lock in left or right front door
- “51 22 090 Removing and installing door lock in left or right rear door

12. Check the operation of Comfort Access and the doors for proper operation

Note: If the message “Please update navigation software” displays, please confirm and disregard this request.

Lastly, check the operation of Comfort Access and central locking system.

Vehicles arriving with inoperable Control Modules (Vehicles produced on or after 3/1/2005)

Some Affected Vehicles may arrive with inoperable control modules and may be in need of repair, those repairs are outside the scope of this Recall.

For vehicles beyond the applicable warranty coverage, please address other required repair work with the customer prior and during the repair order write-up process as necessary.

Should the customer decline these other repairs, please note it accordingly on the repair order.

WARRANTY INFORMATION

Reimbursement for this Recall will be via normal claim entry utilizing the following information:

| | | |
|---------------------|-------------------|--|
| Defect Code: | 0051170400 | |
|---------------------|-------------------|--|

The vehicle is in the workshop for another repair that includes Main work

Vehicles produced prior to 3/1/2005 (CAS programming is not available)

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|---|
| 00 66 506 | 38 FRU | Checking the Comfort Access function, removing all the door locks and removing the cams (Plus work) |
| Or: | | |
| 00 66 507 | 38 FRU | Checking the Comfort Access function, removing all the door locks and removing the cams. Also, when necessary, replacing those door locks that are faulty (Plus work) |
| And, when equipped: | | |
| 00 65 925 | 9 FRU | Additional work with (rear door) roller sunblinds (with option code SA 416) |

Or, for:

 **Vehicles produced on or after 3/1/2005**

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|--|
| 00 66 680 | 12 FRU | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P (Plus work) |
| Or: | | |
| 00 66 681 | 22 FRU | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P. Remove a front door lock and removing the cam (Plus work) |
| Or: | | |
| 00 66 683 | 21 FRU | |

| | | |
|---------------------|--------|---|
| | | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P. Remove a rear door lock and removing the cam (Plus work) |
| Or: | | |
| 00 66 684 | 48 FRU | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P. Remove all door locks and removing all of the cams (Plus work) |
| And, if needed: | | |
| 00 66 666 | 10 FRU | Removal and installation of an additional front door lock and removal of cam (Plus work) |
| And/or: | | |
| 00 66 682 | 9 FRU | Removal and installation of an additional rear door lock and removing the cam (Plus work) |
| And, when equipped: | | |
| 00 65 925 | 9 FRU | Additional work with (rear door) roller sunblinds (with option code SA 416) |

Or:

The vehicle arrives at your workshop for this Recall repair (No other Main work claimed).

Only one Main labor operation can be claimed per repair visit. All other labor operations on the same line or other lines must be claimed using Plus code labor operations.

Vehicles produced prior to 3/1/2005 (CAS programming is not available)

| Labor Operation: | Labor Allowance: | Description: |
|---------------------|------------------|---|
| 00 66 005 | 39 FRU | Checking the Comfort Access function, removing all the door locks and removing the cams (Main work) |
| Or: | | |
| 00 66 006 | 39 FRU | Checking the Comfort Access function, removing all the door locks and removing the cams. Also, when necessary, replacing those door locks that are faulty (Main work) |
| And, when equipped: | | |
| 00 65 925 | 9 FRU | Additional work with (rear door) roller sunblinds (With option code SA 416) |

Or:



Vehicles produced on or after 3/1/2005

| Labor Operation: | Labor Allowance: | Description: |
|------------------|------------------|--------------|
|------------------|------------------|--------------|

| | | |
|---------------------|--------|--|
| 00 66 103 | 13 FRU | Checking the Comfort Access function, working through test module and programming the CAS with ISTA/P (Main work) |
| Or: | | |
| 00 66 105 | 22 FRU | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P, removing a rear door lock and removing the cam (Main work) |
| Or: | | |
| 00 66 106 | 50 FRU | Checking the Comfort Access function, working through the test module and programming the CAS with ISTA/P, removing all door locks and removing all the cams (Main work) |
| And, if needed: | | |
| 00 66 666 | 10 FRU | Removal and installation of an additional front door lock and removal of cam (Plus work) |
| And/or: | | |
| 00 66 682 | 9 FRU | Removal and installation of an additional rear door lock and removing the cam (Plus work) |
| And, when equipped: | | |
| 00 65 925 | 9 FRU | Additional work with (rear door) roller sunblinds (With option code SA 416) |

And, as applicable:

Consequential Repair(s)

When additional work and/or parts are required as a “direct result” of performing the repair that addresses the issue outlined in this Service Information bulletin, claim these items under the defect code listed above together with the corresponding labor operations listed in the KSD2.

Please explain the reason for this repair work (the why and what) on the repair order and in the claim comments section.

Overlapping Labor Procedure

If invoicing the KSD2 flat rate labor operation codes for other repair work results in overlapping labor, for those flat rate labor operations that are affected, you can now:

- Replace the stated KSD2 “FRU allowance” with a “reduced FRU value” to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a “reduced FRU value.”

CAS Programming and Encoding (Vehicles produced on or after 3/1/2005)

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

- A. The programming procedure for this Recall repair will reprogram and encode the vehicle's CAS control module. If one or more control module failures occur "during" the programming procedure:

- Please claim this "consequential" control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Please explain the reason for this repair work (the why and what) on the repair order and in the claim comments section.

- B. **For control module failures that occurred "prior" to performing this programming procedure:**

- When "covered" under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in KSD2/AIR.
- For vehicles beyond the applicable warranty coverage, these item "B" repairs are outside the scope of this Recall.

And, as applicable:

Alternative Mobility Solution (AMS)

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI B01 29 16 for additional information.

TREAD Act - Previous Customer-Pay Repairs

If your center is presented with a reimbursement request for a "qualifying customer-pay repair" that was performed on an "affected vehicle" prior to the release of this Recall Service Information bulletin, BMW of North America, LLC ("BMW NA") will reimburse this previous repair.

Customer-pay Invoice Review and Reimbursement Procedure

1. Review and verify that the previous customer-pay invoice (BMW center or independent repair shop) contains a repair that was performed to "address the issue" described in this "Recall" Service Information bulletin.
2. If this prior repair qualifies, reimburse the customer (labor and parts).
3. Submit for this customer-paid repair expense under Defect Code **85 99 00 12 NA**, as follows:
 - Sublet Code "3"
 - Dollar amount (with no markup)
 - Comment: Recall 17V-328: Door Latches - Reimbursement for allowable expenses that relate to performing a prior qualifying customer-pay repair.
 - Itemize the sublet amount on the repair order and in the claim comments
4. Retain the "original" customer pay invoice in your files; this documentation may be requested by BMW during the claim review process).

Note: A previously reimbursed repair, a repair performed on a non-affected vehicle, and/or, the diagnosis and repair of other "unrelated issues" on an affected or non-affected vehicles does not qualify for reimbursement.

This claim submission for the “prior customer-pay reimbursement,” when it is submitted as outlined under Defect Code “85 99 00 12 NA,” **will not close** the “Open” Safety Recall on the vehicle

Posted: Tuesday, July 31, 2018

ATTACHMENTS

View PDF attachment [B512417 Recall Noticev2](#).

View PDF attachment [17V-328 Sample Customer Letter Remedy Available](#).

View PDF attachment [2017-MY05-08-E65-66-DoorLatches-QA-\(24May2018\)](#).

View PDF attachment [B512417 Attachment](#).

View PDF attachment [E65 Door Latch Test](#).

View PDF attachment [B512417 Customerchanges](#).

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SAFETY RECALL NOTICE

To: All Center Operators, Sales Managers, Service Manager, Parts Manager and Warranty Processor

RE: Recall 17V-328: Door Latches

BMW AG is conducting a Voluntary Safety Recall (effective May 18, 2017) on Model Year 2005 - 2007 BMW 7 Series, with options Comfort Access / Soft Close Automatic, and involves the door latch.

Owners will be notified by First Class mail about the Recall and will be instructed to bring their vehicles in for a free repair when parts are available.

Please be reminded that it is a violation of federal law (The Safety Act) for you to sell, lease or deliver any new motor vehicle covered by this notification until the recall repair has been performed. This means that centers may not legally deliver new motor vehicles to consumers until they are fixed or use/sell replacement equipment/parts subject to this recall. Note also that substantial civil penalties apply to violations of the Safety Act.

Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a safety recall until the repair is completed.

Please follow any special instructions that we provide to you for the return or disposition of recall parts.

We appreciate all your assistance with this Recall.



IMPORTANT SAFETY RECALL – Remedy Available

This notice applies to your vehicle,
Recall Campaign No. 17V-328: Door Latches

February 2018

Dear BMW Owner / Lessee:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. BMW AG has decided that a defect, which relates to motor vehicle safety, exists in certain Model Year 2005-2008 BMW 7 Series vehicles. Our records indicate that you are the owner of a potentially affected vehicle.

Why are we contacting you?

We are pleased to inform you that we are ready to perform this recall. **If you have not yet had this recall performed, please contact any authorized BMW center immediately to schedule an appointment. To locate the nearest BMW center, visit www.bmwusa.com/dealers. Please note that your vehicle may have been previously affected by recall 12V-504. This new recall, 17V-328, replaces 12V-504, and we urge you to have this new recall completed on your vehicle.**

What could happen?

This recall involves the door latch system. The door can appear to be closed, although it may have stopped in a position close to the vehicle body and not be completely closed. Therefore, an irregular road surface, or inadvertent contact with the door interior, could cause the door to unexpectedly open while driving. If the door unexpectedly opens while driving, this could result in a crash or increase the risk of injury.

If the door does not close or stay latched, do not attempt to drive while trying to hold the door closed. If the door unexpectedly opens while driving, carefully move away from traffic and pull over to a safe location as soon as possible. Do not continue to drive the vehicle. Please contact an authorized BMW center to have your vehicle inspected and, if necessary, repaired.

If you are not the only driver of this vehicle, please advise all other drivers and passengers of this important information.

What will BMW do?

The door latch system update will be performed **free of charge**, and will take approximately 5 hours. If you already had this repair performed at your own expense, please see the attachment regarding possible eligibility for reimbursement.

What if the current vehicle ownership information is incorrect?

You can update the vehicle ownership or your contact information by completing the enclosed postage-paid card or by registering at <http://www.bmwusa.com/myBMW>. **If you are a vehicle lessor, Federal Regulations require you to forward this notice to your lessee within ten days.**

What if you have questions or experience problems?

For the latest updates to this recall, please visit www.bmwusa.com/recall. Should you have any questions about this recall, please contact your authorized BMW center. If you need additional assistance, contact BMW Customer Relations and Services at 1-800-525-7417 or at CustomerRelations@bmwusa.com.

If your BMW center is unable to remedy the defect without charge or within a reasonable period of time, you may notify the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

Please be assured that your safety is important to us and we sincerely apologize if this recall causes any inconvenience. We recommend that you and your passengers wear your safety belt at all times.

Sincerely,

BMW of North America, LLC

Spanish translation on back side
Traducción en español en el lado inverso



0001761
0000001

Company
BMW
of North America, LLC

BMW Group Company

Mailing Address
PO Box 1227
Westwood NJ 07675-
1227

Telephone
(800) 525-7417

Fax
(201) 930-8362

E-mail
CustomerRelations@bmwusa.com

Internet
bmwusa.com

**IMPORTANTE RETIRADA POR MOTIVOS DE SEGURIDAD – Repuesto disponible**

Este aviso se aplica a su vehículo,
Campaña de retirada n.º 17V-328: Trabas de las puertas

Febrero 2018

Estimado propietario o arrendatario de BMW:

Le enviamos este aviso según las disposiciones de la National Traffic and Motor Vehicle Safety Act (Ley Nacional de Seguridad de Tráfico y Vehículos). BMW AG ha determinado que algunos modelos de vehículos de la Serie 7 de BMW, correspondientes a los años 2005 a 2008, tienen un defecto que afecta la seguridad de estos vehículos motorizados. Nuestros registros indican que usted es propietario de un vehículo potencialmente afectado.

¿Por qué lo estamos contactando?

Nos alegra informarle que estamos listos para realizar esta retirada. **Si todavía no realizó esta retirada, póngase en contacto de inmediato con cualquier centro autorizado de BMW para programar una cita. Para localizar el centro de BMW más cercano, visite www.bmwusa.com/dealers. Tenga presente que es posible que su vehículo ya se haya visto afectado por la retirada 12V-504. Esta nueva retirada, 17V-328, reemplaza a la 12V-504, e insistimos en completarla en su vehículo.**

¿Qué podría pasar?

Esta retirada involucra el sistema de traba de las puertas. Es posible que la puerta parezca estar cerrada, aunque puede haberse detenido en una posición próxima a la carrocería del vehículo y no estar totalmente cerrada. En consecuencia, es posible que una superficie irregular en el camino o el contacto involuntario con el interior de la puerta hagan que la puerta se abra inesperadamente mientras se conduce. Si la puerta se abre inesperadamente mientras se conduce, podría producirse un accidente o aumentar el riesgo de lesiones.

Si la puerta no se cierra o permanece trabada, no intente conducir mientras trata de mantenerla cerrada. Si la puerta se abre inesperadamente mientras conduce, apartese del tráfico con cuidado y deténgase en un lugar seguro lo antes posible. No siga conduciendo el vehículo. Comuníquese con un centro BMW autorizado para que inspeccionen su vehículo y, de ser necesario, lo reparen.

Si usted no es la única persona que conduce este vehículo, comparta esta importante información con todos los demás conductores y pasajeros.

¿Qué hará BMW?

La actualización del sistema de traba de puertas se efectuará **sin cargo** y demorará aproximadamente cinco horas. Si ya realizó esta reparación por su cuenta, vea la información adjunta relacionada con la elegibilidad posible para recibir un reembolso.

¿Qué pasa si la información actual de la titularidad del vehículo es incorrecta?

Puede actualizar la información de la titularidad del vehículo o su información de contacto completando la tarjeta con respuesta postal paga adjunta o registrándose en <http://www.bmwusa.com/myBMW>. **Si usted es arrendador del vehículo, las reglamentaciones federales requieren que reenvíe este aviso a su arrendatario dentro de los diez días.**

¿Qué debe hacer si tiene alguna pregunta o si experimenta algún problema?

Para ver las últimas actualizaciones de esta retirada, visite www.bmwusa.com/recall. Si tiene alguna pregunta sobre esta retirada, comuníquese con el centro autorizado de BMW. En caso de necesitar asistencia adicional, comuníquese con el BMW Customer Relations and Services (Servicio de Atención al Cliente de BMW) llamando al 1-800-525-7417 o por correo electrónico a CustomerRelations@bmwusa.com.

Si el centro de BMW no puede resolver el defecto sin cargo o dentro de un período razonable, puede notificar al administrador de la National Highway Traffic Safety Administration (Administración Nacional de Seguridad de Tráfico en Carreteras), 1200 New Jersey Ave., S.E., Washington, DC 20590; llamar a la Vehicle Safety Hotline (Línea gratuita directa de seguridad vehicular) al 1-888-327-4236 (TTY: 1-800-424-9153); o visitar <http://www.safercar.gov>.

Le garantizamos que nos importa su seguridad y le pedimos sinceras disculpas si esta retirada le causa algún inconveniente. Recomendamos que usted y sus pasajeros utilicen el cinturón de seguridad en todo momento.

Atentamente.

BMW of North America, LLC

Empresa
BMW
of North America, LLC

BMW Group Company

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PO Box 1227
Westwood NJ 07675-
1227

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(800) 525-7417

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CustomerRelations@bmwusa.com

Sitio web
bmwusa.com

English translation on back side
Traducción en inglés el lado inverso

**Door Latch
Safety Recall 17V-328
Model Year 2005-2008
BMW 7 Series (with Comfort Access)
*Last Updated 5/24/2018***

Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?

Approximately 45,500 Model Year 2005-2008 BMW 7 Series with the Comfort Access option in the US, produced between August 2004 and July 2008, are potentially affected.

Q2. What is the specific issue?

This safety recall involves the door latch. The door can appear to be closed, although it may have stopped in a position close to the vehicle body and not be completely closed. Therefore, an irregular road surface, or an inadvertent contact with the door interior, could cause it to unexpectedly open while driving.

Q3. What can happen as a result of this issue?

If the door unexpectedly opens while driving, this could result in a crash or increase the risk of injury.

Q4. How did BMW Group become aware of this issue?

BMW Group became aware of this issue through its quality control procedures.

Q5. Why are other BMW Group vehicles not included in this Safety Recall?

Model Year 2005-2008 BMW 7 Series which do not have the Comfort Access option are not affected.

Q6. I heard about a Safety Recall in 2012 on this issue. Is this the same issue?

It is similar as both recalls involve the door latch. The vehicles affected by the 2012 recall are also included in the 2017 recall.

Q7. If my vehicle had the 2012 Recall performed, is my vehicle affected by this 2017 Recall?

Yes. Vehicles affected by the 2012 recall need to have the 2017 recall performed as well.

Q8. Can I determine if this issue exists in my vehicle?

If the door will not close or the door opens unexpectedly while driving, your vehicle may be experiencing this issue.

Q9. Can I continue to drive my vehicle?

Yes. However, please have this recall performed by an authorized BMW center as soon as possible. If you are not the only driver of this vehicle, please advise all other drivers of this important information.

If the door does not close or stay latched, do not attempt to drive while trying to hold the door closed. If the door unexpectedly opens while driving, carefully move away from traffic and pull over to a safe location as soon as possible. Do not continue to drive the vehicle. Please contact an authorized BMW center to have your vehicle inspected and, if necessary, repaired.

**Door Latch
Safety Recall 17V-328
Model Year 2005-2008
BMW 7 Series (with Comfort Access)
*Last Updated 5/24/2018***

Q10. How will my vehicle be repaired?

The door latch system will be updated for all doors/latches.

Q11. How will I be informed of this Safety Recall?

You will receive a letter in February via First Class mail advising you of this recall. At that time, you should immediately schedule an appointment with an authorized BMW center to have this recall performed. You can locate your nearest authorized BMW center at www.bmwusa.com/dealers.

To ensure BMW has your most recent contact and vehicle information, please register your vehicle at www.bmwusa.com/myBMW. Registration is free, and will give you access to factory initiated campaigns and other information specific to your BMW.

Q12. How long will the repair take?

This repair may take several hours; however, additional time may be required depending upon your BMW center's schedule. The repair will be performed free of charge by your authorized BMW center.

Q13. Do I have to wait for my letter in order to have my vehicle serviced?

No. You can schedule an appointment with any authorized BMW dealer for service and repair.

1. Start a new programming session using ISTA/P 3.64.2 or higher

2. Answer "No" to "Were control units replaced?" and acknowledge the error free programming box and continue

3. The MOST interface is not used during this procedure and can be ignored. Select "OK"

-
- The screenshot displays the STA/P software interface. At the top, a status bar shows 'Terminal 15: 14.00V' and 'Terminal 30: 13.95V'. The main window has a sidebar with a 'Conversions' menu. A dialog box titled 'Conversion of comfort Access with deletion of electric opening' is open. It contains the following text:
- Important!**
Before the conversion can be planned, the following measures must be carried out:
- Open all the windows and keep them open
 - Close all the doors and lock them using the door knob
- Continue using 'OK' only if the requirements have been met.
- The dialog box has a list of checkboxes on the left, each followed by the word 'Conversion'. The first checkbox is checked. At the bottom of the dialog box are 'Cancel' and 'OK' buttons.

- ISTA/P

Integrated Service
Technical Application / Programming

Session: E66 Vehicle: **E66** Terminal 15: **13.89V** Terminal 30: **13.78V**

| Session | Programming | Vehicle | Maintenance | Data management | |
|-------------|---------------------------|-------------------------------|-------------------|-----------------|-----------------|
| Conversions | Conversions (coding only) | Programming follow-up routine | Immediate actions | CKM | Vehicle actions |

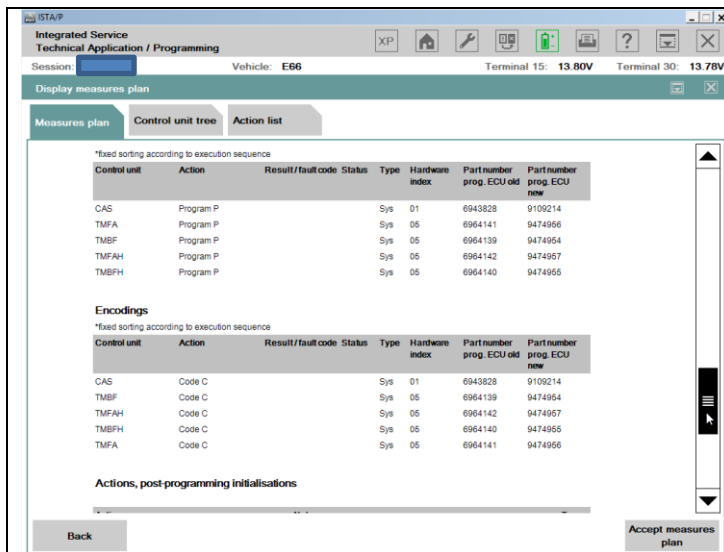
 - ☐ Backfitting satellite tuner
 - ☒ Conversion of comfort Access with deletion of electric opening
 - ☐ Conversion to fuel with very low octane number
 - ☐ Conversion, activate damp gearshift jolt
 - ☐ Conversion, activate damp load change jolt
 - ☐ Conversion, activate personal voice calls.
 - ☐ Conversion, activation and deactivation via remote control only
 - ☐ Conversion, change from US to Canadian version.
 - ☐ Conversion, controller
 - ☐ Conversion, deactivate front left sidebag
 - ☐ Conversion, deactivate front passenger airbag
 - ☐ Conversion, deactivate front right sidebag
 - ☐ Conversion, deactivate Mecca indicator.
 - ☐ Conversion, deactivate Telematics
 - ☐ Conversion, deactivate TV

Estimated run duration: Not available

Show complete

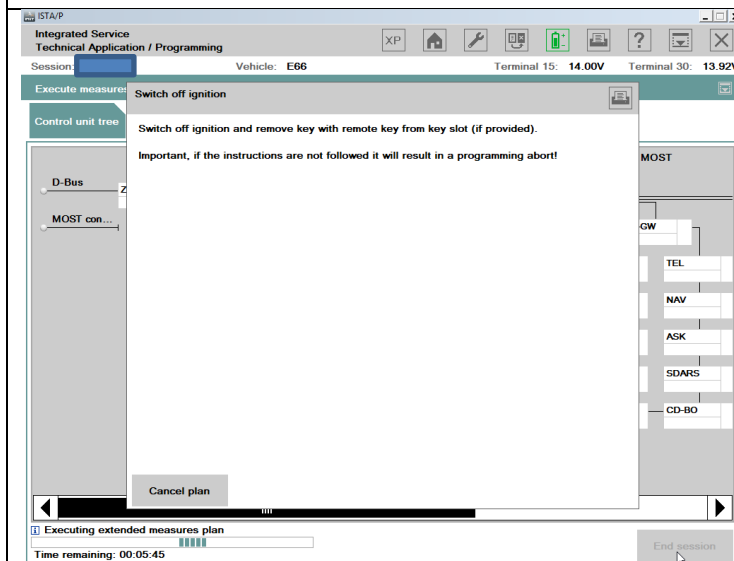
Determine measures plan

7. Once the conversion has been added, select "Determine measures plan"

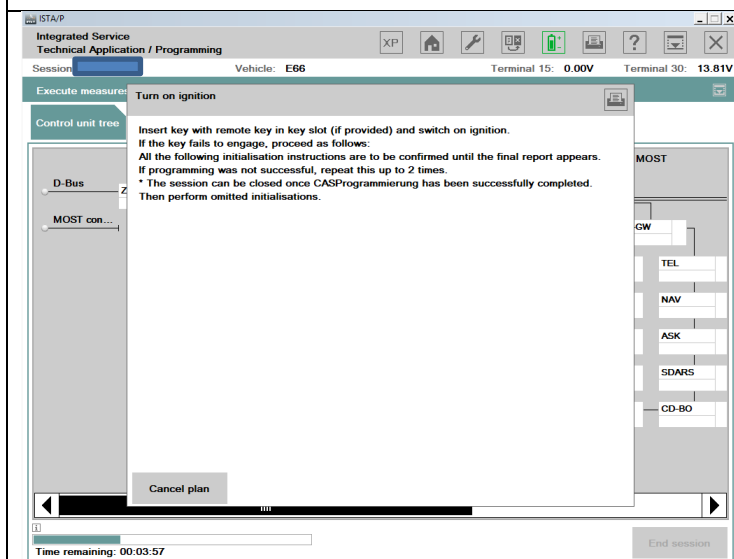


8. Once the measures plan is displayed "Accept measures plan".

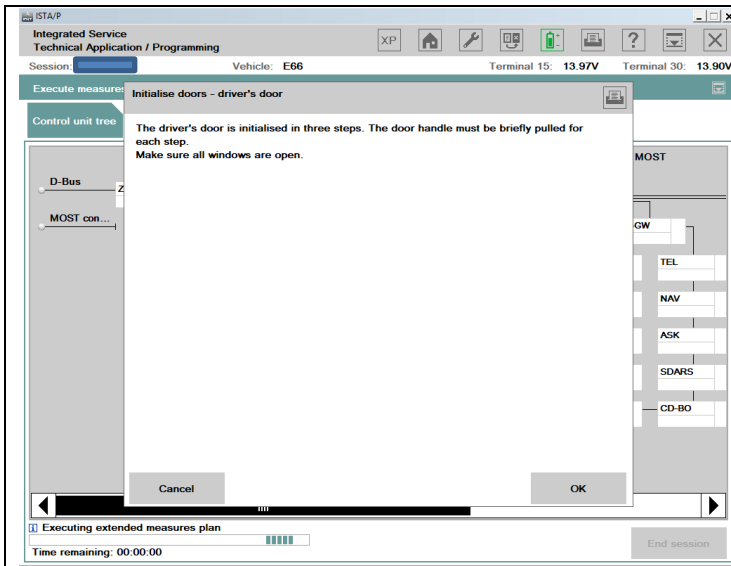
Note: the CAS and the 4 door modules will be programmed and coded with a new initialization testing software. The vehicle order will be modified with CAO and CATE



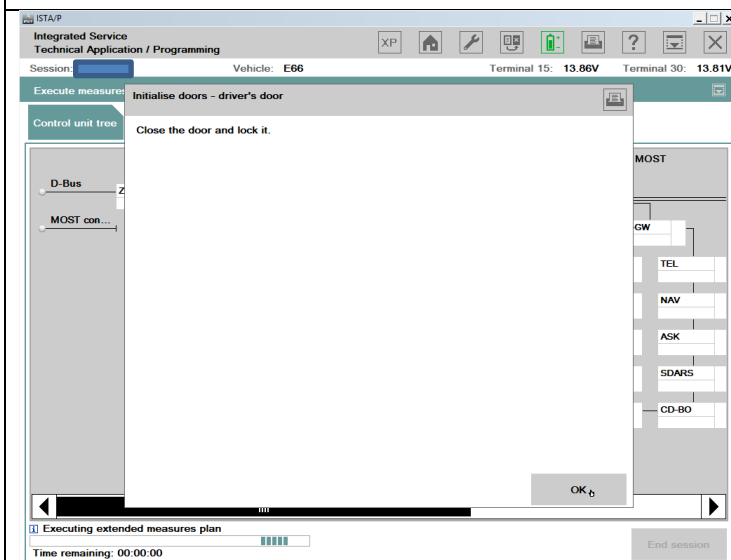
9. When the CAS module is programmed follow the on screen message and remove the key from the key slot when prompted.



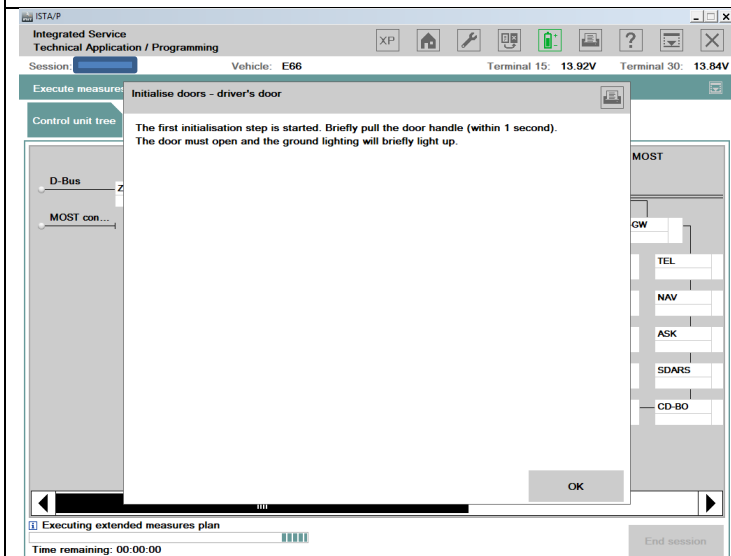
10. Once the CAS programming is finished follow the on screen instructions to insert remote key and turn on ignition. Once this is done the message disappears and programming continues.



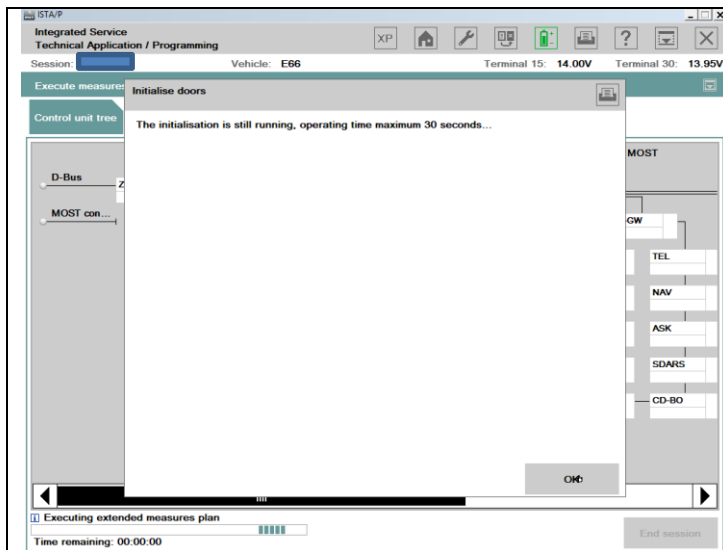
11. Once the programming is finished testing of the 4 doors will start right away.
12. ISTA/P will guide to checking all 4 doors starting with the left front door. The procedure will be the same for all doors
13. The result will be "Failed" or "Successful" for each door.



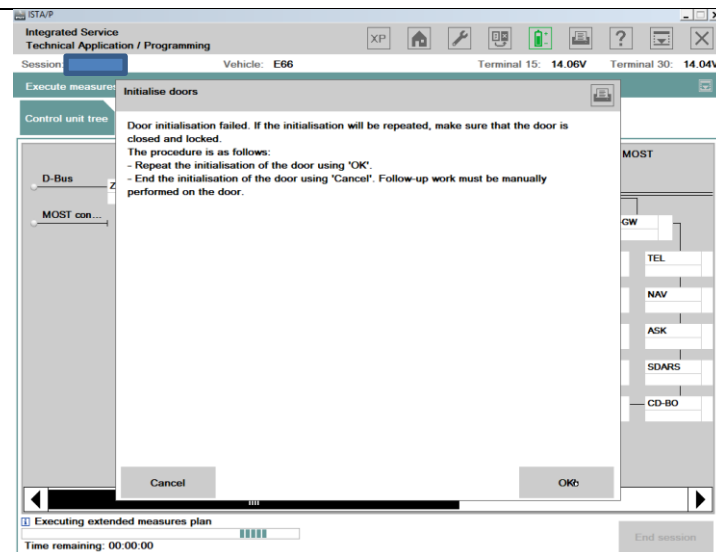
14. Close the door with the window rolled down and lock it by pushing down on the door knob on each door.



15. Open the door by pulling on the outside door handle (note the door will remain locked).

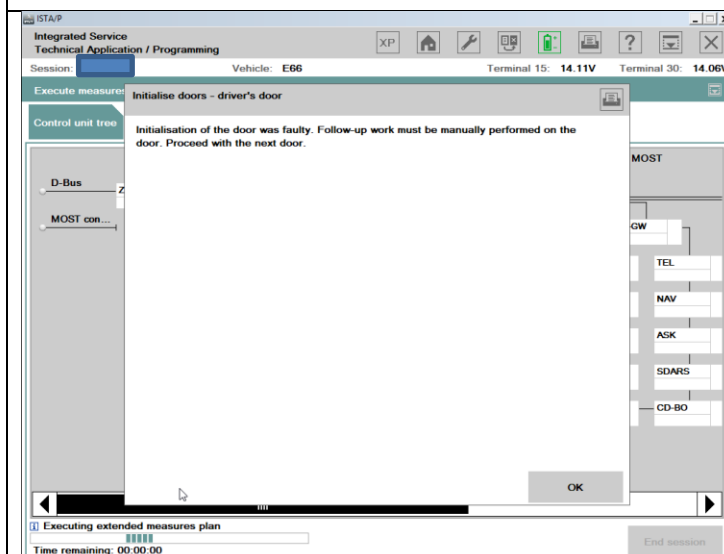


16. This message means you have to close the door after it is opened within 30 seconds.

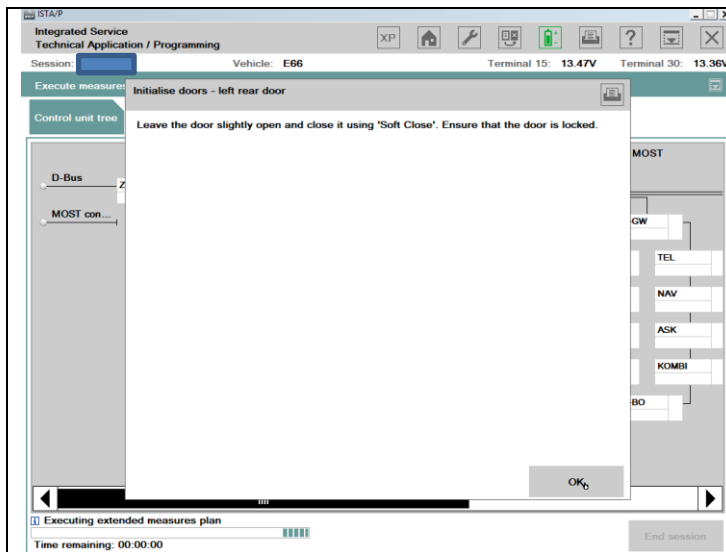


17. If the door does not open then this door will fail and need to be manually reworked.

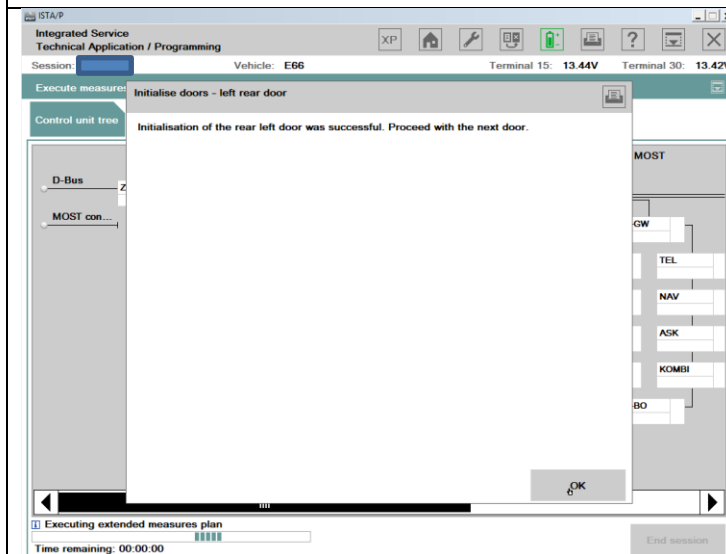
Note: you will only see this screen if the door initialization has failed.



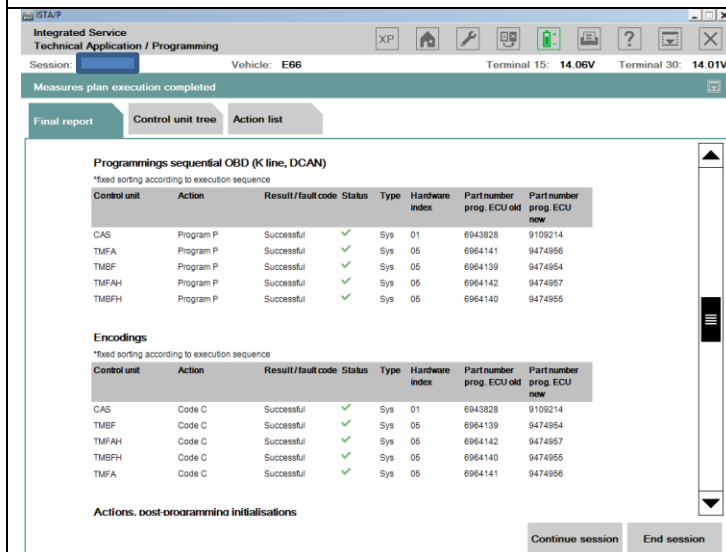
18. Once the door initialization fails on that one door, proceed to the next door as prompted by ISTA/P.



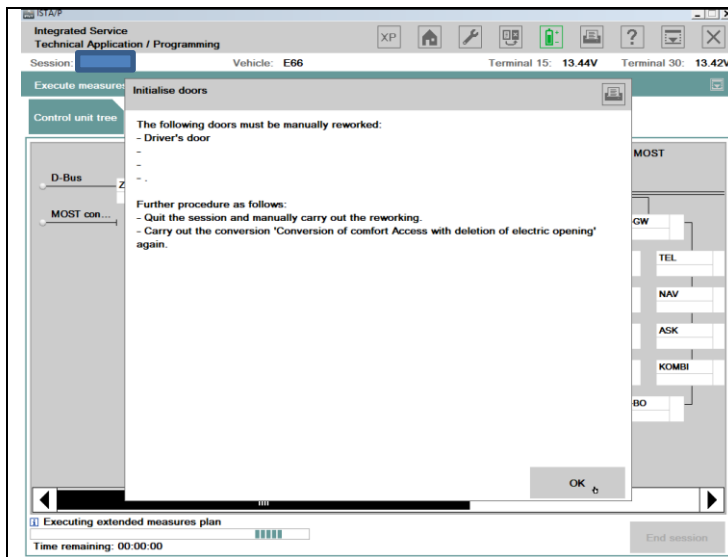
19. If the door opens when pulling on the outside door handle, close the door with the aid of soft close if equipped or functional. This step will be performed an additional 2 times on a good operational door.



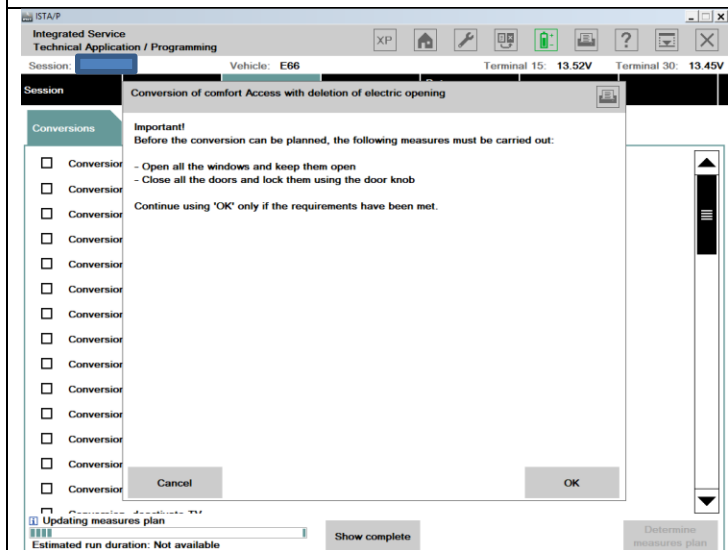
20. Once initialization is successful proceed to the next door.



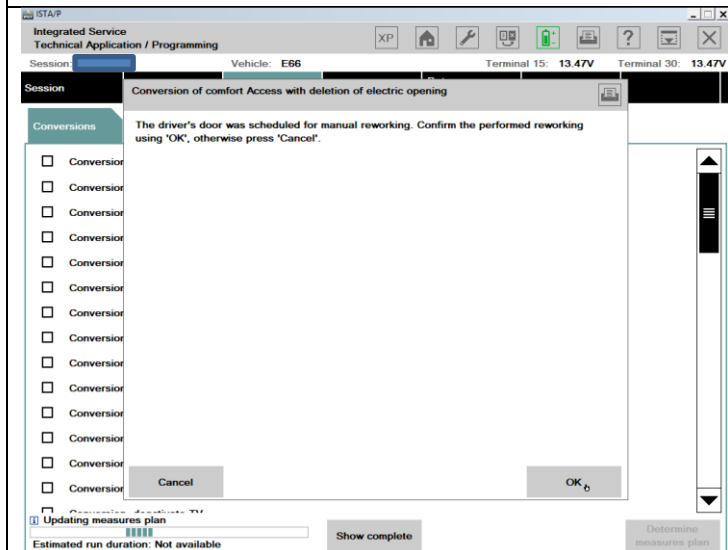
21. After all 4 doors have been initialized, the final report will be displayed.



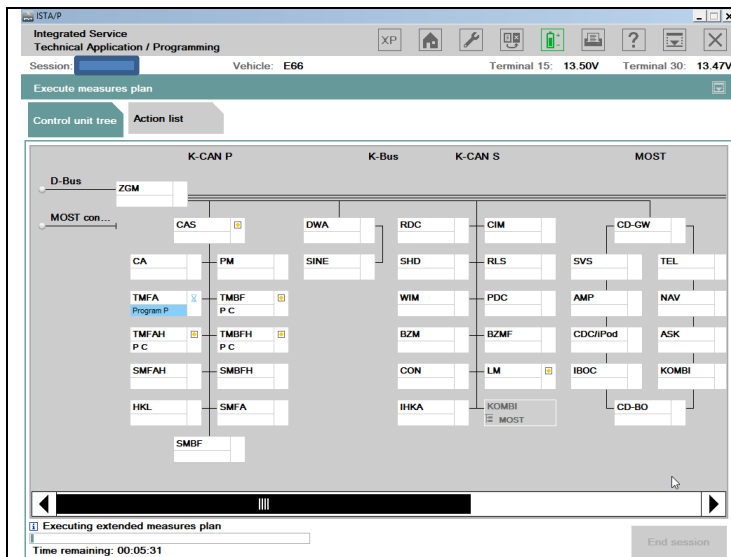
22. At the end of the session you will get the results of the test.
23. In this example only the driver's door needs to be reworked (door lock removed and electric opener cam removed). Always manually rework the doors that are listed.
24. **All other doors do not need to have the cam removed.**
25. **End the programming session, turn off the ignition.**
26. **At this point the windows cannot be moved so rework is not possible until after the 2nd programming session**



1. Restart ISTA/P and select the "Conversion of comfort access with deletion of electric opening".
2. **Open all the windows and close the doors but do not lock the doors.**



3. Acknowledge this screen if any doors were reworked with "OK".



4. Accept the measures plan and finish programming the vehicle.
5. Check the functionality of all doors including comfort access

6. After both programming sessions are complete, then rework the doors that were listed after the first programming session.

After the vehicle is repaired, the following changes to the Comfort Access system that apply must be explained to the customer:

- The central locking system unlocks the door when the outside door handle is touched. After a short waiting period (<1 second), the door can be opened by pulling the outside door handle. In most cases no changes are noticed in the functionality
- For vehicles produced prior to 03/01/2005, a double pull will be required to open a door.

E65 Door Latch Test Procedure V1.0

Select the Conversion to deactivate the electric opener for Comfort access.

The CAS and the 4 door modules will be programmed with initialization software. (CAOE and CATE added to VO)

Once the software is installed, all 4 doors will be tested.



Roll the windows down and lock all 4 doors with the button on the door.

Follow the onscreen prompts and open the indicated door with the outside door handle (door remains locked) Did the door open?

YES



Close the door within 30 seconds.

Repeat this process 2 more times.

If successful on that door, the electric opener will be electrically disabled and will not have to be reworked manually.

Continue to the remaining doors until all doors are finished.

NO



If initialization fails it will be attempted 1 more time.

All doors that fail the initialization will need to be manually reworked and the cam physically removed from the door latch as in the past.

Select "Cancel" to acknowledge the rework will be done on the door that failed

Continue to the remaining doors until all doors are finished.



At the end of the programming session a results page is displayed indicating which doors need to be manually reworked (door latch removed and cam removed and discarded)

End the programming and turn the ignition off until the CAS light goes out. Turn ignition back on and then on to the next step



Start the 2nd session of programming and select the conversion again to deactivate the electric opener for comfort access. (Make sure all windows are open and doors are **Unlocked**)

The CAS and door modules will be flashed again with the final software and the VO modified (CATE removed)

At this point you can rework the doors that are listed at the end of the 1st programming.

Recheck all the doors.

Note: Once the test software has been installed and the doors tested the outside welcome light flashes on each door.

If the car is moved with the test software installed a CCM is displayed. Under no circumstance should the car be handed to customer with test software installed.