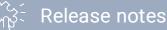# ISTA: Release Notes for passenger car programming 4.42.4x (ISTA/P 3.71.0)

The Release Notes contain information on known problems when handling passenger cars with ISTA.

Release notes

If this ISTA release is not yet available to you, please wait for information from your market manager.

ISTA release

ISTA	4.xx
ISTA Programming data	4.42.40
ISTA/P	3.71.0

General notes

With the launch of ISTA 4, the functionality for programming has been integrated into ISTA.

The following series can be handled using ISTA/P:

- E series

The following series can be handled using ISTA 4:

- F, G and I series and subsequent

These Release Notes contain information for both programming systems.

The Release Notes list all known faults and faults that are still unresolved, with possible workarounds which are important for the Retailer Organisation. Please contact Technical Support if additional faults occur in the vehicle. Particularly in the following cases:

- vehicle-related programming faults / encoding faults and activation faults
- functional faults on the vehicle

With ISTA 4, feedback relating to programming can now also be transmitted directly to BMW AG. Selecting the "Feedback" symbol (envelope symbol) displays the feedback screen with input boxes.

If a new fault pattern is included in a version, this is indicated in the heading with *NEW*. In the subsequent release, the identification on this topic will be omitted.

Overview of the I levels contained

New or updated I levels on this ISTA version are marked in **BOLD** .

F, G, I series (ISTA 4)

Series group	I level
F001 (F0x, RR4, RR5, RR6)	F001-23-07-530
F010 (F06, F1x)	F010-23-07-530
F020 (F2x, F3x, F80, F82, F83, F87)	F020-23-07-530
F025 (F15, F16, F25, F26, F85, F86)	F025-23-07-530
F056 (F39, F4x, F5x, F6x)	F056-23-07-530
I001 (I01, I12, I15)	I001-23-07-530
I020 (I20)	**I020-23-07-535**
RR21 (RR21, RR22, RR25)	**RR21-23-07-535**
S15A (G01, G02, G1x, G3x, RR1x, RR31, F90, F97, F98)	**S15A-23-07-535**

Series group	I level
S15C (G08, G38)	S15C-23-07-533
S18A (G05, G06, G07, G09, G14, G15, G16, G18, G20, G21, G22, G23, G26,G28, G29, G42, G80, G81, G82, G83, G87, F40, F44, F91, F92, F93, F95, F96)	S18A-23-07-535
U006 (U06, U11, U12)	U006-23-07-535
G070 (G60, G70)	G070-23-07-535

I levels correspond to the ISTA Service Data version on the front page.

E series (ISTA/P)

Series group	I level
E065 (E65, E66)	E065-17-11-545
E060 (E60, E61, E63, E64)	E060-16-11-500
E070 (E70, E71, E72)	E070-16-11-500
E89x (E81, E82, E84, E87, E88, E89, E90, E91, E92, E93)	E89x-21-07-550
R056 (R55, R56, R57, R58, R59, R60, R61)	R056-17-03-504
RR01 (RR1, RR2, RR3)	RR01-22-03-500

Customer-noticeable changes with I level update

An overview of the customer-specific changes in the vehicle software for the new I levels 22-03-5xx, 22-07-5xx, 22-11-5xx, ... is included in COMPASS. These concern both the software in ISTA and the software in the BMW Remote Software Upgrade.

You can find it in COMPASS:

Search → Topic: Vehicle Programming

Info on the integration levels

PuMA measures/service solutions or similar documents sometimes refer to an I level to solve a problem. In this case, it is important to know which ISTA version includes the I level.

With the name of the I level, it is possible to find out whether it is

1. available on the latest ISTA version,
2. was already included on a previous ISTA version, or
3. will be available on a future ISTA version.

Series group e.g. **F020** - year **2017** - month (**3, 7 or 11**) - Version (**>= 500**)

Assuming the current release contains:	S15A-17-03-506
Then the following I level is not available yet:	S15A-17-07-501
Then this I level was already contained in an older ISTA release:	S15A-16-11-503
Then this I level was already contained in an older ISTA release:	S15A-17-03-505

Notes for Technical Support

Articles about known issues may refer to Technical Support.

For example

Measure/workaround:

Contact Technical Support about an IRAP session.

Further information for Technical Support can be found in COMPASS as an appendix to the Release Notes.

However, the relevant permissions are required in COMPASS to view. These are assigned by the COMPASS administrator.

What's new (general)

The following interesting new features are included, amongst others.

<u>New models can be handled</u>

Benefits: The new vehicles G60, RR25 can be dealt with.

What's new - Secure communication

With the introduction of the I levels 22-07-5xx secure on-board communication is activated ex works in the I20 vehicles and subsequent.

This is intended to prevent the manipulation of communication between the control units in the vehicle.

The prerequisite for secure on-board communication is the correct control unit validation of the control units.

To correct faults, note the corresponding fault memory entries regarding IPSec and SecOC.

Known faults F, G, I, U series

G0x, G1x, G2x, G3x, F4x with ASD - execution block with alternative I level

Problem description:

When the programming session starts, an execution stop appears with alternative I level 23-03-5xx and IBAC.

Series affected:

Vehicles G0x, G1x, G2x, G3x, F4x with ASD.

Measure/workaround:

Program the vehicle with alternative I level 23-03-5xx.

In exceptional cases, programming to 23-07-5xx using IBAC may be performed.

To do so, contact Technical Support.

Problem rectified with:

Currently open.

Internal ID: 38123

G05, G06, G07, F95, F96 - exit lock with alternative I stage

Problem description:

When the programming session starts, an execution stop appears with alternative I level 23-03-5xx and IBAC.

Series affected:

Vehicles G05, G06, G07, F95, F96 right-hand drive.

Measure/workaround:

Program the vehicle with alternative I level 23-03-5xx.

In exceptional cases, programming to 23-07-5xx using IBAC may be performed.

To do so, contact Technical Support.

Problem rectified with:

ISTA 4.43.1x.

Internal ID: 38011

I20 - execution stop with alternative I level

Problem description:

When the programming session starts, an execution stop appears with an alternative I level 23-03-5xx

Series affected:

I20 vehicles with I levels 22-03 or older.

Measure/workaround:

1) Program the vehicle first to alternative I level 23-03-5xx.

2) End ISTA session.

3) Start a new ISTA session, calculate and implement a measures plan.

This will program the vehicle I level 23-07-5xx.

Problem rectified with:

Expected to be with ISTA 4.43.1x.

Internal ID: 37820

Loss of activation codes after programming the HU-H2

Problem description:

In the event of tampering with the HU-H2, loss of the activation codes may occur.

These can be recreated by Technical Support upon request.

See also service solution 20000890416742.

For Great Britain GB 20000813369641.

Activation of the new activation codes with ISTA fails sporadically.

Series affected:

Vehicles with HU-H2 (NBTEvo).

Measure/workaround:

Use another ISTA computer to activate the new activation codes.

Problem rectified with:

ISTA 4.43.1x.

Internal ID: 37604

G70 China - separate programming required for panoramic display

Problem description:

Two measures plans are required to program the vehicle.

In the measures plan, the panoramic display is programmed.

Series affected:

Vehicles G70 with China national-market equipment and panoramic display.

Measure/workaround:

Carry out both measures plans.

Problem rectified with:

With I levels24-03-5xx.

Internal ID: 37662, 37886

U06, U11, I20, G07, G70 - programming not possible due to encoding data calculation, Secure Token or control unit validation

Problem description:

When programming starts, messages appear regarding:

- Secure Token retrieval failed
- A fault occurred when calculating the encoding data
- Automatic control unit validation not possible

The reason is that communication between ISTA and the BMW security back end is blocked by security software.

Series affected:

U06, U11, I20, G07, G70 vehicles

Measure/workaround:

Check the local security software on the ISTA computer or the central security software (Intruder Prevention System).

Communication with BMW back ends/IP addresses must not be blocked:

https://tric-pki-cbb-fe-prod.bmwgroup.com   160.46.226.37
https://tric-pki-cbb-fe-prod-cn.bmwgroup.com
https://tric-pki-cbb-fe-prod-us.bmwgroup.com 160.46.245.138

https://tric-scb-prod.bmwgroup.com   160.46.244.110
https://tric-scb-prod-cn.bmwgroup.com
https://tric-scb-prod-us.bmwgroup.com   160.46.226.254

https://tric-sfa-prod.bmwgroup.com   160.46.244.100
https://tric-sfa-prod-cn.bmwgroup.com
https://tric-sfa-prod-us.bmwgroup.com   160.46.245.137

Problem rectified with:

Currently open.

Internal ID: 37560

I20, U06 - Execution stop

Problem description:

When the programming session starts, an execution stop appears with a reference to Technical Support.

Series affected:

I20, U06 vehicles with I levels 21-xx.

Measure/workaround:

Contact Technical Support for an IRAP session.

Problem rectified with:

As soon as the vehicle is on I level 22-xx.

Internal ID: 36608

Known faults E series (ISTA/P)

E8x, E9x - measures plan invalid due to missing software

Problem description:

Programming with ISTA/P is not possible.

The measures plan cannot be calculated due to a missing software unit.

Series affected:

Vehicles E8x, E9x with build level older than 09/2006.

Measure/workaround:

Contact Technical Support.

Problem rectified with:

ISTA/P 3.72.0

Internal ID: 37731

Vehicle order import fails due to antivirus software and firewall

Caution!

In certain cases, the vehicle order import fails because of installed security software (antivirus software or firewall). After the session starts, the vehicle identification with ISTA/P fails. (BMW internal locations are not affected by the fault)

Measure / Workaround:

For further details, see Compass entry 51219

Target groups :	**Retailer Organisation**
	Internal Location
Branch :	**Car**
Topic :	**ISTA**
	ISTA/P
Sub-Group-1 :	**#SW#ISTA**
Sub-Group-2 :	**BUSINESS-OP**
ITSM Service :	---
ITSM Group :	---