

# ISTA: Release Notes Programming Car 4.39.1x (ISTA/P 3.71.0)

The release notes contain information on known problems when treating passenger cars with ISTA.



## Release notes

If this software version is not yet available to you, please wait for information from your market responsible.

### ISTA Release

ISTA	4.xx
{ISTA Programming data}	4.39.10
ISTA/P	3.71.0

### General notes

With the introduction of ISTA 4, vehicle programming functionality was integrated into ISTA.

The following series can be treated with ISTA/P:

- E-series

The following series can be treated with ISTA 4:

- F, G and I series and sequential

These release notes contain information for both programming systems.

The release notes list all known and currently pending errors and possible workarounds that are decisive for the trade organization. If there are any other faults with the vehicle, please contact technical support. In particular, in the following cases:

- vehicle-related programming errors/coding errors and activation errors
- functional faults on the vehicle

With ISTA 4, feedback relating to vehicle programming can now also be transmitted directly to BMW AG. When you select the "Response" icon (envelope icon), the feedback mask with input fields is displayed.

If a new bug image is included in a release, this is **marked with \*NEW\*** in the heading. In the subsequent release, the label on this topic is omitted.

### Overview of the included I-steps

Newly added 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)}	{F001-22-11-510}
{F010 (F06, F1x)}	{F010-22-11-510}

Series group	I level
{F020 (E2x, E3x, F80, F82, F83, F87)}	{F020-22-11-510}
{F025 (F15, F16, F25, F26, F85, F86)}	{F025-22-11-510}
{F056 (F39, F4x, F5x, F6x)}	{F056-22-11-530}
{I001 (I01, I12, I15)}	{I001-22-11-510}
{I020 (I20)}	{I020-22-11-530}
{RR21 (RR21, RR22)}	{RR21-22-11-510}
{S15A (G01, G02, G1x, G3x, RR1x, RR31, F90, F97, F98)}	{S15A-22-11-530}
{S15C (G08, G38)}	{S15C-22-11-530}
{S18A (G05, G06, G07, G09, G14, G15, G16, G18, G20, G21, G22, G23, G26,) {G28, G29, G42, G80, G81, G82, G83, G97, F40, F44, F91, F92, F93, F95, F96}}	{S18A-22-11-531}
{U006 (U06, U11)}	{U006-22-11-530}
{G070 (G70)}	{G070-22-11-530}

I levels correspond to the {ISTA Service Data} version on the cover 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-experienced changes with I-level update

An overview of the changes that customers can experience in the vehicle software of the new I-stages {22-03-5xx, 22-07-5xx, 22-11-5xx, ...} is included in COMPASS. These apply to both the software in ISTA and the software in the BMW Remote Software Upgrade.

To be found in COMPASS:

Search → Topic: {Vehicle Programming}

### Explanations of the I-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 release contains the I-level.

Based on the name of the I stage, it is possible to find out whether they

1. is available on the latest ISTA release,
2. was already included in a previous ISTA release, or
3. will be made available in a future ISTA release.

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

<b>Assume the current release includes:</b>	<b>{S15A-17-03-506}</b>
Then the following I-level is not yet available:	{S15A-17-07-501}
Then this I stage was already on an older ISTA release:	{S15A-16-11-503}
Then this I stage was already on an older ISTA release:	{S15A-17-03-505}

## What's new (general)

Among others, the following interesting new features are included.

### New models are treatable

Benefit: The new vehicles{U11, G70, G81, G87, G09} are treatable.

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## What's new - Secure communication

With the introduction of I-steps{22-07-5xx} is activated at the factory{I20} {I20} and the following.

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

The prerequisite for secure onboard communication is the correct ECU validation of the control units.

To correct errors, note the corresponding error memory entries relating to IPsec and SecOC.

## Known faults F, G, I, U series

### \* NEW \* G70 - Door control module aborted

#### **Problem description:**

The coding of the door control module{BMT} control units is repeatedly interrupted.

Communication errors{0816, 0818} are being displayed.

#### **Affected series:**

Vehicle {G70}.

#### **Action/workaround:**

Manually select the door control units operating module for programming and carry out an action plan.

#### **Bug fixed with:**

Currently open.

## **Error when calculating the action plan**

### **Problem description:**

Programming cannot be carried out with ISTA.

An error appears when calculating the action plan.

### **Affected series:**

All series.

### **Action/workaround:**

- Reset the battery.
- Update ICOM firmware.

### **Bug fixed with:**

Currently open

Internal ID: 36872

## **I20, U06 - execution lock**

### **Problem description:**

When the programming session starts, an execution lock appears with a reference to technical support.

### **Affected series:**

Vehicles{I20, U06} with I-stages{21-xx}.

### **Action/workaround:**

Contact technical support for an IRAP session.

### **Bug fixed with:**

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

Internal ID: 36608

## **I20, G70 - EME/EME2 validation fails after programming**

### **Problem description:**

After replacement or programming at I stage{22-07-5xx} or higher, the EME/EME2 ECU validation fails.

Fault memory entries 0x021436, 0x021490 may have been entered.

### **Affected series:**

Vehicle {G70, I20}.

**Action/workaround:**

Contact Technical Support.

**Bug fixed with:**

As soon as the vehicle has been{22-11-5xx} {22-11-5xx}.

Internal ID: 36632

**TCB is ordered to trade**

**Problem description:**

After calculating the action plan, TCB is instructed to exchange.

**Affected series:**

vehicles{G26, G28, U06, I20}.

**Action/workaround:**

- 1) Contact technical support.
- 2) Order a new TCB part and store the damaged TCB part.

**Bug fixed with:**

Currently open

Internal ID: 36607

**CCU - pop-up with error message**

**Problem description:**

When programming on I-level{22-07-5xx} or higher, a pop-up appears in ISTA regarding a CCU error.

**Affected series:**

Vehicle {I20}.

**Action/workaround:**

Contact Technical Support.

**Bug fixed with:**

As soon as the vehicle has been programmed to I-level{22-07-5xx} or higher.

Internal ID: 36237

## **Information about individual data actions**

### **Problem description:**

After vehicle programming, actions to restore individual data may be completed with the result warning and rescheduled by ISTA in the final work.

This behavior can also occur if no control unit has been replaced.

The background is the update of the programming functions contained in ISTA for future derivatives.

### **Affected series:**

All series.

### **Action/workaround:**

Actions relating to individual data can be ignored.

### **Bug fixed until:**

Currently open.

Internal ID: 31125, 31202, 31203, 31204, 31784

## **Note about BDC replacement or programming interruption gateway control units**

Replacing the body domain controller is supported again with ISTA 4.09.1x.

### **Problem description:**

When implementing the special action plan in the event of a{BDC} exchange or due to a programming interruption of the gateway control unit, the following pop-ups occur several times:

- When prompted to switch on the ignition
- {SYS-0012 Identification Error}
- Connection to control unit{Unknown} faulty

### **Affected series:**

Vehicles with control units{FEM} or{BDC}.

### **Action/workaround:**

Confirm pop-ups until the special action plan has been implemented.

### **Bug fixed until:**

Still open at the moment.

Internal ID: 21984, 21976, 21977

## **Known faults E-series (ISTA/P)**

### **Vehicle order import fails due to anti-virus software and firewall**

#### **Attention!**

In some cases, vehicle order import fails due to installed security software (anti-virus software or firewall). After the session has started, vehicle identification with ISTA/P fails. (BMW internal areas are not affected by the error)

#### **Measure/workaround:**

For more details, see Compass entry 51219