



SO ST

Service Engineering Special Training

Technical innovations: Electronics

06/2009



No.	Event	Topic	Type/model
1	06/09	Current MMI3G software update	All

Current MMI3G software update

Overview of modifications to software

- Modified software in response to “Totalausfall” (Total failure) complaint
- New TV tuner software to prevent breakdowns
- Correction of incorrect seat heating display after bus sleep mode
- Separate volume adjustment for ring tone and hands-free
- Navigation system calibration reset via diagnostics.
- Some items in MMI menu renamed (e.g. “Parking System” (Parking system) → “Einparkhilfe” (Parking aid))
- Station names correctly sorted into alphabetical order
- Time taken to display Tooltip reduced from three to two seconds
- Navigation system map scale when using SDS rectified
- Changes to voice activation in SDS → **Note: new language CD required for 8DP; 4G0 919 884 E**
- Attribute for one-way streets integrated. Change to avoid using “Bitte wenden” (Please make a U-turn) when driving in a one-way street.
- Revised route mapping for tunnels and bridges
- **Showroom mode for component protection:**

If an Infotainment system without a terminal 15 cycle is switched on 30 times, component protection is activated.

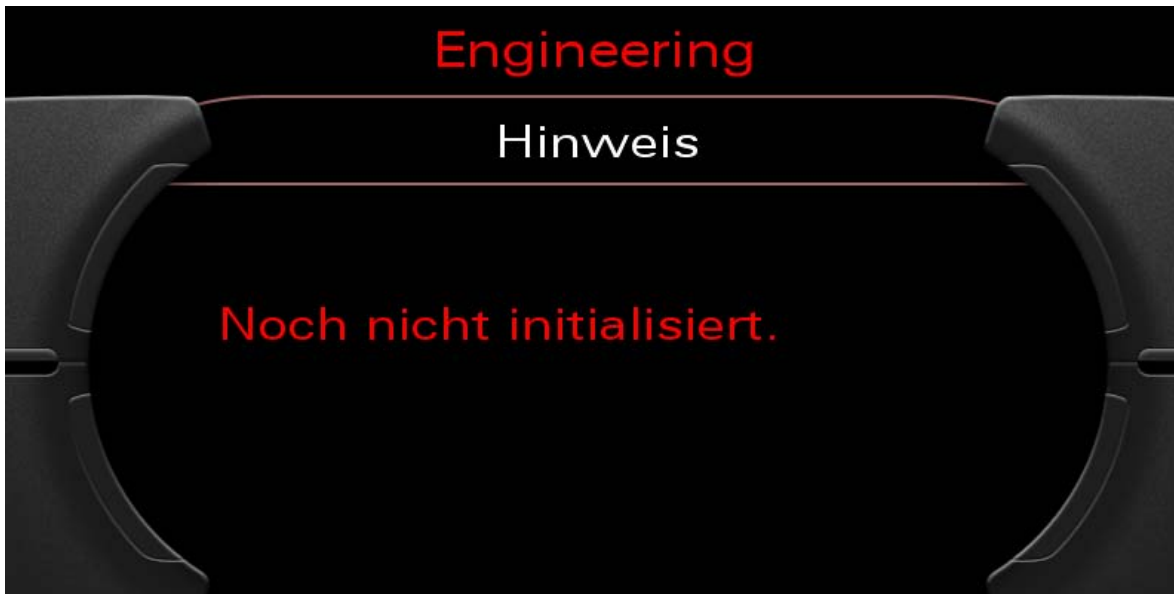
In this mode, various functions are either limited or deactivated depending on the system. The ignition must be switched on in order to exit component protection mode.

If component protection mode is active, a screen appears displaying the message “Eingeschränkte Funktion..., bitte Zündung einschalten” (Limited function..., please switch on ignition);

this notifies the customer that component protection is activated. The customer must click out of the screen in order to return to the main menu.

Current MMI3G software update

Error message in MMI display when starting the update



A software update was initiated by pressing SETUP+RETURN immediately after switching on the MMI.

The MMI was not fully initialised.

Wait a few seconds until the MMI start-up process is complete, then press RETURN.

This brings you to the required menu.

Current MMI3G software update

*Data memory entries following software update in “5F-Informationselektronik 1”
(5F Information electronics 1)*

“SAECode 3276 - Softwareversionsmanagement prüfen” (SAECode 3276 — Check software version management)

Cause: SVM back-up documentation following software update not successfully created

“SAECode 3175 - ungültiger Datensatz” (SAECode 3175 — Invalid data set)

Cause: Parameterisation following software update not successfully performed

Procedure:

1. Use the update CD again and check that all MMI components have been flashed.
2. Create the SVM back-up documentation with the SVM code from the CD.
3. Work through test plan “5F-Informationselektronik, Fehlerspeicher zurücksetzen” (5F Information electronics, reset fault memory).

Please ensure that you follow the tester instructions. If the tester indicates that you should contact the “SVM_Fachbereich” (SVM_Department) or if the back-up documentation process is unsuccessful again, please send an email to: SVM_Fachbereich@audi.de

Current MMI3G software update

Overview of part numbers for MMI3G software update

<u>System</u>	<u>Models</u>	<u>Release</u>	<u>CD part number</u>	<u>SVM code</u>
MMI Navigation Plus (7T6) ECE	A8, A6, Q5, A5, A5 Cabriolet, A4 Allroad	K0022	8R0 906 961 C	91E6A001
MMI Navigation Plus (7T6) NAR	Q5	K0110		91E6A001
MMI Navigation Plus (7T6) Japan	Q5	K0213		91E6A001
MMI Navigation (8DP & 7T2)	A6	K0022	4F0 906 961 AR	91E6A001
MMI Radio Plus (8DP & 7Q0)	A6	K0020	4F0 906 961 AQ	91E6A001
MMI Radio (8DN)	A6	K0020	4F0 906 961 AQ	91E6A001

MMI3G — Update instructions → Technical product information 2019922

Current MMI3G software update

Release overview

	A4 Saloon/Avant A4 Allroad	A5 Coupé A5 Cabriolet	Q5	A6 Saloon/Avant A6 Allroad	Q7	A8
MMI Navigation Plus EU (8YQ + 7T6)	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u>	<u>P0022</u> <u>K0022</u>
MMI Navigation Plus RDW (8YQ + 7T6)	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u>	MMI2G up to D4
MMI Navigation Plus NAR (8DY + 7T6)	<u>P0110</u>	<u>P0110</u>	<u>P0110</u> <u>K0110</u>	<u>P0110</u>	<u>P0110</u>	MMI2G up to D4
MMI Navigation EU (8DP + 7T2)	<u>P0022</u>	<u>P0022</u>	<u>P0022</u>	<u>P0022</u> <u>K0022</u>	<u>P0022</u>	
MMI Radio Plus EU (8DP + 7Q0)				<u>P0020</u> <u>K0020</u>	<u>P0020</u>	
MMI Radio Plus NAR (8DS + 7Q0)				<u>P0110</u>	<u>P0110</u>	
MMI Radio (8DN)				<u>P0020</u> <u>K0020</u>	<u>P0020</u>	

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: A4 Saloon/Avant/Allroad; A5 Coupé/Cabriolet; Q5

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Left-hand drive without BTA	8T1.035.666.D	H41	8T1.035.666.D	47
Main unit	Right-hand drive without BTA	8T2.035.666.D	H41	8T2.035.666.D	47
Main unit	Left-hand drive with BTA (9ZW)	8T1.035.670.D	H41	8T1.035.670.D	47
Main unit	Right-hand drive with BTA (9ZW)	8T2.035.670.D	H41	8T2.035.670.D	47
Amplifier	Premium Sound B&O	8T0.035.223.AK	H08	8T0.035.223.AK	170
Amplifier	Premium Sound B&O Q5	8T0.035.223.H	H04	8T0.035.223.H	120
Amplifier	Premium Sound B&O Cabriolet	8F0.035.223.C	H08	8F0.035.223.C	170
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390
Handset	Russia	4F0.862.393.F	H24	4F0.910.393.L	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: A4 Saloon/Avant/Allroad; A5 Coupé/Cabriolet; Q5

Region: RoW

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Left-hand drive without BTA	8T1.035.754.D	H41	8T1.035.754.D	47
Main unit	Right-hand drive without BTA	8T2.035.754.D	H41	8T2.035.754.D	47
Main unit	Left-hand drive with BTA (9ZW)	8T1.035.764.D	H41	8T1.035.764.D	47
Main unit	Right-hand drive with BTA (9ZW)	8T2.035.764.D	H41	8T2.035.764.D	47
Amplifier	Premium Sound B&O	8T0.035.223.AK	H08	8T0.035.223.AK	170
Amplifier	Premium Sound B&O Q5	8T0.035.223.H	H04	8T0.035.223.H	120
Amplifier	Premium Sound B&O Cabriolet	8F0.035.223.C	H08	8F0.035.223.C	170
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0110/K0110

Models: A4 Saloon/Avant/Allroad; A5 Coupé/Cabriolet; Q5

Region: NAR

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit		8T1.035.664.A	H41	8T1.035.664.A	42
Amplifier	Premium Sound B&O	8T0.035.223.AK	H08	8T0.035.223.AK	170
Amplifier	Premium Sound B&O Q5	8T0.035.223.H	H04	8T0.035.223.H	120
Amplifier	Premium Sound B&O Cabriolet	8F0.035.223.C	H08	8F0.035.223.C	170
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard NAR Sirius	4F0.035.082	H45	4F0.035.082.A	21
Radio unit	Standard NAR Sirius (after sales)	4F0.035.080	H45	4F0.035.080.A	21
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: A6; A8

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Without BTA	4E0.035.666.B	H41	4E0.035.666.B	47
Main unit	With BTA	4E0.035.670.B	H41	4E0.035.670.B	47
Amplifier	Premium Sound A6 Bose	4F0.035.223.P	H01	4F0.035.223.P	100
Amplifier	Advanced Sound A8 B&O	4E0.035.466.C	H08	4E0.035.466.E	120
Amplifier	Advanced Sound A8 B&O (Slave)	4E0.035.465	H31	4E0.910.465.B	310
Amplifier	Premium Sound A8 Bose	4E0.035.223.N	H01	4E0.035.223.N	100
CD changer	A6	4E0.035.110	H43	4E0.910.110	70
CD changer	A8	4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390
Handset	Russia	4F0.862.393.F	H24	4F0.910.393.L	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: A6

Region: RoW

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Without BTA	4E0.035.754.B	H41	4E0.035.754.B	47
Main unit	With BTA	4E0.035.764.B	H41	4E0.035.764.B	47
Amplifier	Premium Sound A6 Bose	4F0.035.223.P	H01	4F0.035.223.P	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0110/K0110

Models: A6

Region: NAR

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit		4E0.035.664.A	H41	4E0.035.664.A	42
Amplifier	Premium Sound Bose	4F0.035.223.P	H01	4F0.035.223.P	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard NAR Sirius	4F0.035.082	H45	4F0.035.082.A	21
Radio unit	Standard NAR Sirius (after sales)	4F0.035.080	H45	4F0.035.080.A	21
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20

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MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: Audi Q7

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Without BTA	4L0.035.666	H41	4L0.035.666	47
Main unit	With BTA	4L0.035.670	H41	4L0.035.670	47
Amplifier	Advanced Sound B&O	4L0.035.466.A	H30	4L0.035.466.A	110
Amplifier	Advanced Sound B&O (Slave)	4L0.035.465	H41	4L0.910.465.A	780
Amplifier	Premium Sound Bose	4L0.035.223.E	H01	4L0.035.223.E	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390
Handset	Russia	4F0.862.393.F	H24	4F0.910.393.L	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0022/K0022

Models: Audi Q7

Region: RoW

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Without BTA	4L0.035.754	H41	4L0.035.754	47
Main unit	With BTA	4L0.035.764	H41	4L0.035.764	47
Amplifier	Advanced Sound B&O	4L0.035.466.A	H30	4L0.035.466.A	110
Amplifier	Advanced Sound B&O (Slave)	4L0.035.465	H41	4L0.910.465.A	780
Amplifier	Premium Sound Bose	4L0.035.223.E	H01	4L0.035.223.E	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
TV tuner	Hybrid	4F0.919.129	H06	4F0.919.129.B	230
Handset		4F0.862.393.E	H24	4F0.910.393.K	390

Current MMI3G software update

MMI Navigation Plus (7T6) release overview — RELEASE P0110/K0110

Models: Audi Q7

Region: NAR

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit		4L0.035.664	H41	4L0.035.664	42
Amplifier	Advanced Sound B&O	4L0.035.466.A	H30	4L0.035.466.A	110
Amplifier	Advanced Sound B&O (Slave)	4L0.035.465	H41	4L0.910.465.A	780
Amplifier	Premium Sound Bose	4L0.035.223.E	H01	4L0.035.223.E	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard NAR Sirius	4F0.035.082	H45	4F0.035.082.A	21
Radio unit	Standard NAR Sirius (after sales)	4F0.035.080	H45	4F0.035.080.A	21
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20

Current MMI3G software update

MMI Navigation (7T2) release overview — RELEASE P0022/K0022

Models: A4 Saloon/Avant/Allroad; A5 Coupé/Cabriolet; Q5

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	Left-hand drive without BTA	8T1.035.652.D	H49	8T1.035.652.D	48
Main unit	Right-hand drive without BTA	8T2.035.652.D	H49	8T2.035.652.D	48
Main unit	Left-hand drive with BTA (9ZW)	8T1.035.654.D	H49	8T1.035.654.D	48
Main unit	Right-hand drive with BTA (9ZW)	8T2.035.654.D	H49	8T2.035.654.D	48
Amplifier	Premium Sound B&O	8T0.035.223.AK	H08	8T0.035.223.AK	170
Amplifier	Premium Sound B&O Q5	8T0.035.223.H	H04	8T0.035.223.H	120
Amplifier	Premium Sound B&O Cabriolet	8F0.035.223.C	H08	8F0.035.223.C	170
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
Handset		4F0.862.393.E	H24	4F0.910.393.K	390
Handset	Russia	4F0.862.393.F	H24	4F0.910.393.L	390

Current MMI3G software update

MMI Navigation (7T2) release overview — RELEASE P0022/K0022

Models: A6; Audi Q7

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	A6 without BTA	4E0.035.652	H49	4E0.035.652.A	48
Main unit	A6 with BTA (9ZW)	4E0.035.654	H49	4E0.035.654.A	48
Main unit	Q7 without BTA	4L0.035.652	H40	4L0.035.652	48
Main unit	Q7 with BTA (9ZW)	4L0.035.654	H40	4L0.035.654	48
Amplifier	A6 Premium Sound Bose	4F0.035.223.P	H01	4F0.035.223.P	100
Amplifier	Q7 Premium Sound Bose	4L0.035.223.E	H01	4L0.035.223.E	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
Handset		4F0.862.393.E	H24	4F0.910.393.K	390
Handset	Russia	4F0.862.393.F	H24	4F0.910.393.L	390

Current MMI3G software update

MMI Radio Plus (8DP & 7Q0) release overview — EU RELEASE P0020/K0020 NAR RELEASE P0110

Models: A6; Audi Q7

Region: EU; NAR

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	A6 EU	4E0.035.646	H49	4E0.035.646.B	40
Main unit	A6 NAR	4E0.035.648	H49	4E0.035.648	43
Main unit	Q7 EU	4L0.035.646	H40	4L0.035.646	40
Main unit	Q7 NAR	4L0.035.648	H40	4L0.035.648	43
Amplifier	A6 Premium Sound Bose	4F0.035.223.P	H01	4F0.035.223.P	100
Amplifier	Q7 Premium Sound Bose	4L0.035.223.E	H01	4L0.035.223.E	100
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Standard	4F0.035.056	H45	4F0.035.056.B	20
Radio unit	Standard with DAB (EU only)	4F0.035.061	H45	4F0.035.061.B	20
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20
Radio unit	Standard NAR Sirius	4F0.035.082	H45	4F0.035.082.A	21
Radio unit	Standard NAR Sirius (after sales)	4F0.035.080	H45	4F0.035.080.A	21

Current MMI3G software update

MMI Radio (8DN) release overview — RELEASE P0020/K0020

Models: A6; Audi Q7

Region: EU

Control unit	Comment	Hardware part number	Hardware version	Software part number	Software version
Main unit	A6	4E0.035.642	H49	4E0.035.642.B	41
Main unit	Q7	4L0.035.642	H40	4L0.035.642	41
CD changer		4E0.035.110.A	H48	4E0.910.110.L	50
Radio unit	Basic	4F0.035.053	H45	4F0.035.053.B	20



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