SI B65 13 14
Audio, Navigation, Monitors, Alarms, SRS

August 2014
Technical Service

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

SUBJECT
Service Action: i3 Business Navigation – Retrofit

MODEL
I01 (i3 REx)

Produced to 06/06/14

Without option ZTD (Technology Package)

SITUATION
Business Navigation (option 606) is a 100% option for 2014 model year US market i3 vehicles. During the affected production period, some i3s were inadvertently produced without navigation.

The following procedure will describe how to retrofit Business Navigation to the affected vehicles. This procedure includes changing all necessary hardware, changing the Vehicle Order, and updating the vehicle software.

AFFECTED VEHICLES
This Service Action involves certain I01 i3 REx produced to 06/06/2014.

First check if a Service Action label with a code number **689** is already attached to the A-pillar.

If a code number **689** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

PROCEDURE
Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00… Observe safety instructions when handling electric vehicles.

The following procedure describes how to perform the Navigation Retrofit. This retrofit requires replacing necessary hardware, installing an adapter antenna cable, changing the Vehicle Order, and programming the vehicle.

1. Order the initial navigation enable code (P/N 65 90 2 350 952) through the Parts department. Download the code from the Aftersales Assistance Portal when it is available.

2. Submit a PuMA case entitled "i3 Navigation Retrofit VO" to the Electronics area. The response to the PuMA case will include a new Vehicle Order (VO), which will include option 606.

3. Save the supplied VO onto a USB flash drive. It should be saved in the root directory (main folder) and the name/extension should not be changed.

4. Ensure all necessary parts (Head Unit, TCB, Controller, Adapter cable) per the Parts section below are

available for installation.

5. Replace the Controller per REP 61 31 195.

6. Replace the Head Unit per REP 65 12 315.

7. Remove the existing TCB per REP 84 10 810. Remove the backup battery from the TCB. It is located under the cover on the top of the part.

8. Install the backup battery into the new TCB.

9. Install the new TCB per REP 84 10 810.
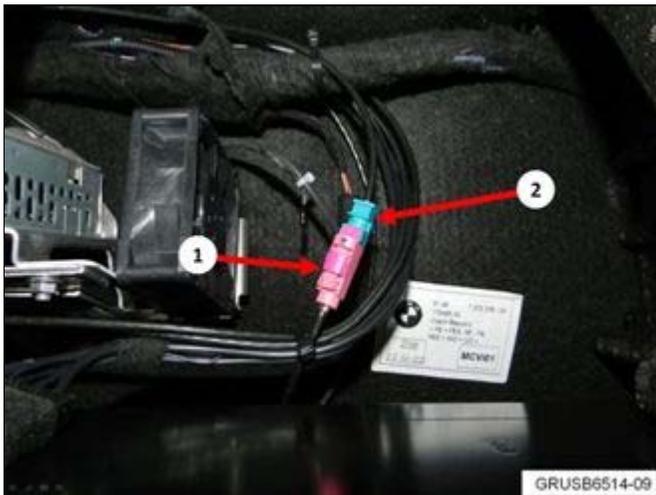
GRUSB6514-09	10. Identify the pink GPS antenna connector that was removed from the old TCB (1). Connect the male end of the adapter cable (2) to this pink connector. The adapter cable (P/N 61 12 2 361 716) will extend the antenna cable to its new terminal end at the head unit.
GRUSB6514-10	11. Route the extension antenna cable along the existing wire harness, under the support bracket, to the head unit as shown.
	12. Connect the female end of the extension cable to the outermost blue GPS connection on the head unit (1).
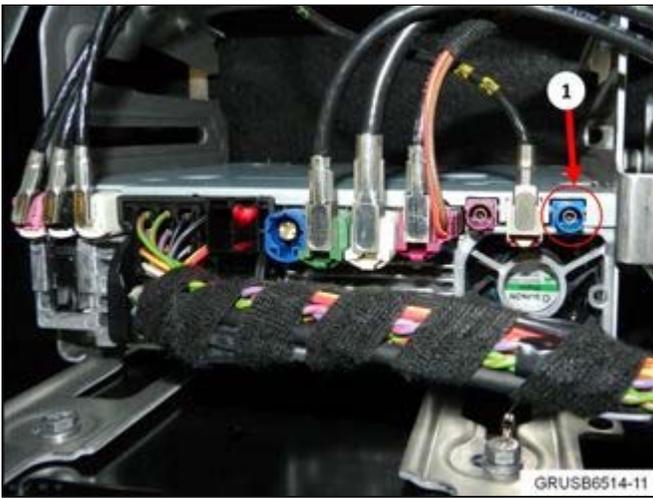
GRUSB6514-11
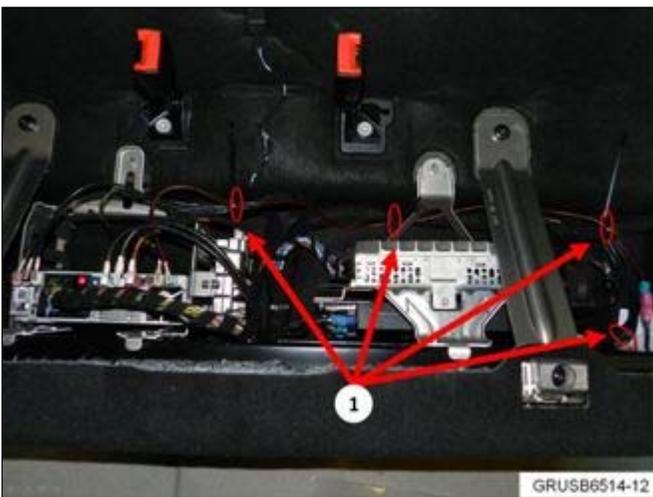
GRUSB6514-12

13. Secure the adapter cable to the existing wire harness using four wire ties in the displayed locations (1).

GRUSB6514-13

14. Remove the charging cable from the vehicle. Shut down the high-voltage system per REP 61 25 900 and connect a workshop power supply to the EME.

15. Connect the vehicle to ISTA/P using 2.53.3 (I-level I001-14-07-503) or higher, and create a new session. Before programming, the new vehicle order provided via a PuMA case will need to be installed.

16. Install the USB flash drive with

the VO loaded on it into the ISID/ISSS.

17. Refer to Workshop Technologies in Centernet. Select the hyperlink **How to Import a Vehicle Order.** Follow those instructions to install the VO.

18. Once imported, option 606 should be displayed at the bottom of the vehicle options on the ISTA/P vehicle home page. If option 606 is not shown in the list of vehicle options, the VO was not imported successfully. Repeat step 17.

19. Calculate the Measures Plan. Begin programming.

20. During the programming session, the necessary navigation application and voice control FSC codes will be installed.

21. If the initial navigation enable code was not installed automatically via ISTA/P, it can be downloaded from ASAP and installed either via ISTA/P or by manually entering in the CID.

22. After successful completions of programming and initializations, select Navigation via the iDrive menu and ensure navigation is functional.

23. If the car has been retailed, create a BMW Assist electronic subscriber agreement (ESA) using the existing customer information. This is the same ESA process that is used on other BMW vehicles.

PARTS INFORMATION

Part Number	Description	Quantity
65 12 9 350 335	Head Unit – basic with GPS	1
65 90 2 350 952	Navigation initial enable code	1
65 82 9 286 699	Controller	1
84 10 9 350 663	Telematics Control Unit	1
61 12 2 361 716	Antenna adapter	1
Locally sourced	Wire ties	4

LABEL INSTRUCTIONS

This Service Action has been assigned code number **689**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-439) and:

A. Emboss your BMW center warranty number in the middle of the label (1);

B. Punch out code number **689** (2), printed on the label; and

C. Affix the label to the A-pillar as shown.

If the vehicle already has a label from a previous Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code:	85 10 02 46 BV	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high-voltage charging unit)
And		
61 31 696	Refer to KSD2	Replace front controller
And		
65 12 816	Refer to KSD2	Replace Head Unit
and		
84 10 811	Refer to KSD2	Replace TCB
And		
65 99 000	3 FRU	Work time: Replace TCB battery, install/secure GPS extension cable, and install new vehicle order
And		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)
And		

61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery to EME")
Or		
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery to EME") (luggage compartment service cap removed)

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

Even though work time labor operation code 65 99 000 ends in "000," it is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

If control module(s) fail to reprogram or initializations are required, the additional work must be claimed using separate labor operations found in KSD2 under the defect code listed above.

Some owners of affected vehicles marked at Priority 1 before June 12, 2014 are eligible for an Accessory/Lifestyle credit. For additional details, refer to Aftersales Bulletin B-13-0714-0015

BMW I3 REX NAVIGATION RETROFIT - QUALITY LAUNCH SUPPORT PROGRAM

BMW NA recognizes that the "Business Navigation Retrofit" procedure is an inconvenience to our i3 REx customers. In an effort to address this concern, you may offer your customer up to $500.00 in BMW Lifestyles products and/or i3 center-installed vehicle accessories or a BMW i Charging Station Purchase allowance.

This offer is only valid for customer sold, P1 (Priority One) units.

Note: The $500.00 amount is based on the BMW Dealer Net price in effect as determined by the repair date entered on the corresponding DCSnet claim submission. Please do not include the part "handling" in this calculation.

For accessories that require installation, this $500.00 can be applied to parts and/or labor.

Submit the claim, as outlined below, on the affected i3 VIN that is pending delivery or has been delivered to a customer. Field authorization (FAS) is not required.

Note: Always check the DCSnet Warranty Vehicle Inquiry "Repair History (Claims)" sections first before proceeding with the launch support program.

| Defect Code: | 85 99 01 77 NA | i3 Quality Launch Support - Navigation |

BMW Lifestyles Products

Part Number	Description	Quantity

BMW Part Number(s)	BMW Lifestyles	As applicable

And/or

i3 Vehicle Accessories

Labor Operation:	Labor Allowance:	Description:
Refer to KSD2	As applicable	Installation labor for i3 vehicle accessories

Part Number	Description	Quantity
BMW Part Number(s)	i3 Vehicle Accessories	As applicable

Or

BMW i Charging Station Purchase Allowance (New Purchases/Installations Only)

Sublet Code 3	$500.00	**BMW i Charging Station allowance**

Note: This offer is not available retroactively to already purchased and installed units.