ATTENTION:	I IMPORTANT - AII	
GENERAL MANAGER	Service Personnel	
PARTS MANAGER	Should Read and Initial in the boxes	
CLAIMS PERSONNEL	provided, right.	
SERVICE MANAGER	© 2020 Subaru of America, Inc. All rights reserve	ed



SERVICE BULLETIN

APPLICABILITY: 2024 Subaru Vehicles NUMBER: 15-313-23

SUBJECT: 2024 Audio/Navigation & Power Amplifier

Exchange Component Identification and

Procedures

DATE: 07/27/23

INTRODUCTION

This bulletin contains illustrations of exchange components and their manufacturer as well as a description of the proper exchange procedure. The exchange program policy can also be found in Sections 8.4.9 and 11.2.10 of your Claims Policies and Procedures Manual found in Subarunet.

CONTENTS

Within the terms of the Basic New Car Warranty and the one year Replacement Parts Warranty, the Exchange Program provides for replacement of a defective unit from the manufacturer.

In the event the vehicle is "New" and "In-stock", call the Vendor's Service Center prior to calling Subaru Retailer Claims. A new unit will be supplied rather than a remanufactured unit. If the Vendor Service Center is unable to provide a new unit, immediately contact a Subaru Retailer Claims Specialist at 1-866-782-2782 prior to placing an order for further instructions.

The replacement of a new unit, other than new units supplied through the exchange program, requires authorization from a Subaru of America, Inc. Retailer Claims Specialist at 1-866-782-2782. An authorization code will be provided and must be included upon claim submission.

Vehicles that have been placed in demo service should use exchange units only.

CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

Subaru of America, Inc. is ISO 14001 Compliant

ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

Continued...

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EXCHANGE PROCEDURE FOR ALL EXCHANGE COMPONENTS

- 1) The defective chassis should remain in the vehicle until the exchange unit is installed.
- 2) Contact the applicable Service Center with the following information:
 - Retailer Code
 - Retailer Name and Address
 - VIN All 17 Characters
 - Date of Vehicle Sale
 - Vehicle Mileage
 - Caller's Name and Telephone Number
 - Claim Number
 - Face Plate ID Number (Clarion only)
 - Subaru Part Number as shown in this bulletin
 - Customer Complaint
 - Customer Last Name

At this time, the Service Center will issue an exchange number. It is required that this number be provided upon claim submission.

An exchange chassis along with an exchange form will be shipped within 72 hours. If the exchange chassis is not received within 5 days, call the Service Center. Provide the operator with the exchange number when making inquiries.

3) Install the exchange unit as soon as possible upon receipt. Return the defective chassis to the manufacturer within 30 days. Return freight charges may be claimed as sublet, provided the repair was performed under the terms of the Basic New Car Warranty. Copies of the freight invoice should be attached to the repair order.

If the exchange unit has not been installed or the failed chassis has not been returned within 30 days, contact the Service Center. Reference the exchange number and explain the circumstances causing the delay. An extension will be granted or the retailer will be instructed to return the exchange unit. Failure to comply will result in a "charge back" to the retailer for the cost of the exchange unit.

The retailer must return the failed component in the same approved packaging that the exchange unit arrived in. Harman exchange units arrive with a pre-paid return shipping label. A hard copy of the printout from the on-line order or the Exchange Request Form must be included in the core return package. Failure to use proper packaging could result in a "charge back" for the cost of the exchange unit and shipping.

NOTE: Activation of all subscription based services is the responsibility of the vehicle owner.

NOTE: For the "Audio Out of Warranty Exchange / Repair Program" refer to the Added Security Section 11.2.10 or Policy Adjustment Section 12.6.1 of the Claims Policies & Procedures on-line manual.

MANUFACTURERS BY COMPONENT

Audio/Satellite

<u>Clarion (Faurecia Clarion Electronics)</u>: Exchange order requests are to be made via the Web Portal. Clarion exchange requests are processed by United Radio. The United Radio Service Center is open from 8am – 8pm Eastern Time at 1-800-448-0944.

Exchange units are ordered online using the link found in Subarunet/ Service Operations & Technical/ Forms/Downloads / Harman Kardon and Clarion Registration Instructions (urdealerservices.com) Ordering Instructions.

DENSO/Denso Ten Service Center is open from 7am-5pm Pacific Time at **1-800-237-5413**. The Exchange Fax Form is found on Subarunet/ Service Operations & Technical/ Forms/Downloads/ Denso Ten Online Exchange Instructions. Click on the website address https://www.f10ncs.com

<u>Harman</u>: Exchange order requests are to be made via the Web Portal

<u>Harman</u> exchange requests are processed by United Radio. The United Radio Service Center is open from 8am – 8pm Eastern Time at **1-800-448-0944**.

Exchange units are ordered online using the link found in Subarunet/ Service Operations & Technical/ Forms/Downloads / Harman Kardon Registration Instructions (urdealerservices.com) Ordering Instructions

Caution: If swapping an audio system for diagnostic purposes, be sure the DCM remains with the original vehicle or network communications will be severed.

Caution: SXM ESN is assigned by VIN. Moving audio units between vehicles will disrupt SXM services.

Audio/Navigation/Satellite

DENSO/Denso Ten Service Center is open from 7am-5pm Pacific Time at **1-800-237-5413**. The Exchange Fax Form is found on Subarunet/ Service Operations & Technical/ Forms/Downloads/ Denso Ten Online Exchange Instructions. Click on the website address https://www.f10ncs.com

<u>Harman</u>: Exchange order requests are to be made via the Web Portal

<u>Harman</u> exchange requests are processed by United Radio. The United Radio Service Center is open from 8am – 8pm Eastern Time at **1-800-448-0944**.

Exchange units are ordered online using the link found in Subarunet/ Service Operations & Technical/ Forms/Downloads / Harman Kardon Registration Instructions (urdealerservices.com) Ordering Instructions

Caution: If swapping an audio system for diagnostic purposes, be sure the DCM remains with the original vehicle or network communications will be severed.

Caution: SXM ESN is assigned by VIN. Moving audio units between vehicles will disrupt SXM services.

Continued...

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Power Amplifier

Harman Kardon: Exchange order requests are to be made via the Web Portal

<u>Harman Kardon</u> exchange requests are processed by United Radio. The United Radio Service Center is open from 8am – 8pm Eastern Time at **1-800-448-0944**.

Exchange units are ordered online using the link found in Subarunet/ Service Operations & Technical/ Forms/Downloads / Harman Kardon Registration Instructions (urdealerservices.com) Ordering Instructions

VEHICLE APPLICATIONS - AUDIO/NAVIGATION

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER	
PERFORM SUFF	ATTENTION! PERFORM SUFFICIENT DIAGNOSIS, FOLLOWING PROCEDURES, TO VALIDATE THE EXCHANGE ORDER			
A CONTROL OF THE CONT	Ascent 11.6-INCH Center Information Display TBD	Denso	TBD	
Their Control of the state of t	Ascent 11.6-INCH Center Information Display TBD	Denso	TBD	
	Ascent Cockpit Control Unit Assembly (CHASSIS) TBD	Denso	TBD	

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER	
	Ascent			
	Cockpit Control Unit Assembly (CHASSIS)	Denso	TBD	
	TBD			
ATTENTION!				

PERFORM SUFFICIENT DIAGNOSIS FOLLOWING PROCEDURES TO

VALIDATE THE EXCHANGE ORDER			
	Crosstrek DUAL 7-INCH Center Information Display Base Trims RRA-03	Denso	86412FN410
	Crosstrek 11.6-INCH Multimedia Plus System Premium, Sport, and Limited Trims RRB-13, RRB-14 RRD-21. RRD-22 RRF-31, RRF-32	Denso	86412FN450
	Crosstrek 11.6-INCH Multimedia Navigation System Limited Trim w/ Navigation RRF-33	Denso	86412FN45A

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
	Crosstrek		
	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN620
TO E	Base Trim		
1	RRA-03		
	Crosstrek		
	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN640
San D E	Premium Trims		
130	RRB-13, RRB-14		
	Crosstrek		
	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN64A
# W = =	Sport and Limited Trims	Deliso	00422FN04A
The Contract of the Contract o	RRD-21, RRD-22		
	RRF-31, RRF-32		
	Crosstrek		
The Day of the Party of the Par	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN67A
	Limited Trim w/ Navigation		
	RRF-33		

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
OMOLIME TUME/COOLS RADIO PHONE APPS H4 MEDIA >M	Forester TBD	TBD	TBD
ONOLUME TO PHONE APPS HAVE MEDIA PHI	Forester TBD	TBD	TBD
COOLUME TUME/COOLUME RADIO PHONE APPS IN MEDIA PH N	Forester TBD	TBD	TBD
O/OCUME O/O	Forester TBD	TBD	TBD

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
ONDUME TO TUNKSOOL NAPPS APPS IN MEDIA >>>	Forester TBD	TBD	TBD
	ATTENTION! IENT DIAGNOSIS FOLLOWING LLIDATE THE EXCHANGE ORD		0
	Impreza DUAL 7-INCH Multimedia System Base Trim RLA-01, RLA-03	Denso	86412FN410
	Impreza 11.6-INCH Multimedia Plus System Sport and RS Trims RLD-21, RLD-23	Denso	86412FN450

RLG-31, RLG-33

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
	Impreza		
	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN620
() () () ()	Base Trims		
	RLA-01, RLA-03		
	Impreza		
0 9	Cockpit Control Unit Assembly (CHASSIS)	Denso	86422FN640
4'Y =	Sport and RS Trims	Deliso	00422711040
TO DE S	RLD-21, RLD-23		
	RLG-31, RLG-33		
	CIENT DIAGNOSIS FOLLOWING ALIDATE THE EXCHANGE ORD		
Ŏ. O.	Legacy & Outback Dual 7 Inch Center Information Display	DENSO	86213AN64A
	Base Trims		
	RAB-02, RDB-01		
0	Legacy & Outback		
Ŏ B C	11.6 Inch Center Information Display	DENSO	86213AN67A
	All Trims Except Base		

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
The state of the s	Legacy & Outback Cockpit Control Unit Assembly (CHASSIS) Base Trims RAB-02, RDB-01	DENS0	86201AN62A
	Legacy & Outback Cockpit Control Unit Assembly (CHASSIS) Premium, Sport, Onyx, Limited & Wilderness Trims - Non-Navigation RAD-11, RAD-13, RDD-11, RDD-13 RAG-21, RDE-21, RDI-21 RDH-21, RDF-31, RAF-31	DENSO	86201AN68A
	Legacy & Outback Cockpit Control Unit Assembly (CHASSIS) Premium, Wilderness, Limited, Limited XT, Touring & Touring XT Trims With Navigation RAD-15, RDD-15 RAF-34, RDF-34 RDI-22, RDJ-32 RAL-41, RDG-41, RDL-41	DENSO	86271AN63A

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
	Solterra Subaru Multimedia 8 Inch Navigation System TBD	DENSO TEN	TBD
(ETITE)	Solterra Subaru Multimedia 12.3 Inch Navigation System TBD	DENSO TEN	TBD
	ATTENTION! IENT DIAGNOSIS FOLLOWING LIDATE THE EXCHANGE ORD		0
To the second of	WRX TBD	DENSO	TBD
	WRX TBD	DENS0	TBD

ILLUSTRATION	DESCRIPTION & APPLICABILITY	MANUFACTURER	PART NUMBER
	WRX TBD	DENSO	TBD
	WRX TBD	DENS0	TBD
	WRX TBD	DENS0	TBD
	BRZ Cockpit Control Unit TBD	DENSO	TBD
ATTENTION! PERFORM SUFFICIENT DIAGNOSIS FOLLOWING PROCEDURES TO VALIDATE THE EXCHANGE ORDER			
	BRZ 8 Inch Center Information Display	DENSO	TBD

POWER AMPLIFIER EXCHANGE NUMBER EXAMPLE:

Harman Kardon (United Radio) Exchange Number Example..Orders placed prior to 7/9/19 R.A. Number 9MW741 (1 digit 2 letters 3 digits)

Harman Kardon (United Radio) Exchange Number Example...Orders placed after 7/9/19 MCO # 1234567890 (Ten Digits – All Numbers)

POWER AMPLIFIER SERVICE CENTER CONTACT INFORMATION AND HOURS OF OPERATION

Harmon Kardon (United Radio)

1-800-448-0944

8am-8pm Eastern Time

<u>Harman Kardon</u> exchange requests are processed by United Radio.

Exchange units are ordered online using the link found in Subarunet/ Service Operations & Technical/ Forms/Downloads / Harman Kardon Registration Instructions (urdealerservices.com) Ordering Instructions

VEHICLE APPLICATIONS – POWER AMPLIFIER

ILLUSTRATION	DESCRIPTION	MANUFACTURER	PART NUMBER
	Ascent Power Amplifier Assy TBD	Harman	TBD
	Crosstrek Power Amplifier Assy Limited Models RRF-32, RRF-33	Harman	86221FN01A
	Forester Power Amplifier Assy TBD	Harman	TBD
	Forester Power Amplifier Assy TBD	Harman	TBD

ILLUSTRATION	DESCRIPTION	MANUFACTURER	PART NUMBER
	Impreza Power Amplifier Assy Base, Sport, and RS Trims RLA-01, RLA-03 RLD-21, RLD-23 RLG-31	Harman	86221FN010
	Impreza Power Amplifier Assy RS Trim RLG-33	Harman	86221FN000
	Legacy Outback Power Amplifier Assy Limited & Touring XT Legacy Trims Onyx, Onyx XT, Limited, Wilderness, Limited XT, Touring & Touring XT Outback Trims RAF-31, RAF-34, RAL-41 RDE-21, RDF-31, RDF-34, RDH-21, RDI-21, RDI-22 RDJ-32, RDL-41, RDG-41	Harman	86221AN11B
	Legacy Power Amplifier Assy Sport Trim RAG-21	Harman	86221AN10A
	Solterra Power Amplifier Assy Limited & Touring Models TBD	Harman	TBD

ILLUSTRATION	DESCRIPTION	MANUFACTURER	PART NUMBER
lo o colle	WRX	TBD	TBD
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WRX	TBD	TBD
	BRZ Power Amplifier Assy TBD	Pioneer	TBD

SATELLITE ACTIVATION INSTRUCTIONS

CLARION & DENSO

If you need to perform a warranty exchange on any radio that is factory equipped with a Clarion or DENSO satellite radio, please follow the instructions below. Going through the process will ensure that any fee for the new radio is waived and will ensure your customer continues to receive their satellite radio programming without any interruption of service.

- **Step 1.** Call Sirius XM Retailer Support at 1-800-852-9696 and let the agent know you are doing a warranty exchange on a Subaru vehicle.
- Step 2. Provide the agent with the old Radio ID and ask them to transfer the service on this radio to the new Radio ID. Confirm with the agent that the old Radio ID has been deactivated. (To find the Radio ID, go into satellite radio mode and tune to channel "0", the Radio ID will display for you, it will be 8 alpha-numeric characters long).
- **Step 3.** Confirm which services you are transferring e.g. Audio only or Audio and Traffic.
- **Step 4.** Ask the SXM Dealer support agent to send an activation signal to the new radio and confirm the radio is working. Retailers can also perform a signal refresh if necessary by entering in the Radio ID into the following URL, www.siriusxm.com/oemrefresh

NOTE: If the unit is inoperative, call Sirius XM for assistance in identifying the existing radio ID number.

HARMAN ONLY

All exchange units equipped with a Harman satellite radio will be reactivated by United Radio prior to being shipped to the Retailer.

Caution: If swapping an audio system for diagnostic purposes, be sure the DCM remains with the original vehicle or network communications will be severed.

Caution: SXM ESN is assigned by VIN. Moving audio units between vehicles will disrupt SXM services.

EXCHANGE NUMBER EXAMPLES AND SERVICE CENTER PHONE NUMBERS FOR AUDIO/NAVIGATION

The Audio Exchange Program provides for replacement of a defective Audio/Navigation unit with an exchange unit from the manufacturer.

The applicable Service Center for each manufacturer should be contacted and at that time the Service Center will issue an exchange number. It is required that this number be provided upon claim submission.

Below are examples of the audio exchange numbers and the telephone number for the Service Center for each manufacturer.

AUDIO EXCHANGE NUMBER EXAMPLES

Clarion Exchange Number Example – Orders placed prior to 12/23/19 (ERS#) 0000000001

Clarion Exchange Number Example – Orders placed as of 12/23/19 MCO # 1234567890 (Ten digits – all numbers)

Harman (United Radio) Exchange Number Example..Orders placed prior to 7/9/19 R.A. Number 9MW741 (1 digit 2 letters 3 digits)

Harman (United Radio) Exchange Number Example...Orders placed after 7/9/19 MCO # 1234567890 (Ten Digits – All Numbers)

AUDIO SERVICE CENTER PHONE NUMBERS AND HOURS OF OPERATION.

Clarion	1-800-448-0944	8am-8pm Eastern Time
DENSO	1-800-237-5413	7am-5pm Pacific Time
Harman (United Radio)	1-800-448-0944	8am-8pm Eastern Time

PACKING SLIP RO NUMBER REQUIREMENT - 2020 LEGACY & OUTBACK MODELS

DENSO ONLY

Effective November 1, 2019; all DENSO Cockpit Control Units, Audio and Audio w/Navigation Multimedia Infotainment Systems will require an additional entry of the RO* character string (see image below) from the DENSO/Denso Ten exchange unit "Packing Slip" included with the delivery of every DENSO exchange unit shipped to the Retailer. The RO field is located between the Order Date and Complaint on the Packing Slip.

* Please do not confuse this with the Retailer repair order number.

The RO number on the DENSO/Denso Ten Packing Slip is a required entry for the Comments Field for a claim submission for an audio exchange. This is in addition to the existing Claim Order/Audio Exchange Number entry in the Misc. Detail field. BOTH entries will now be required.

An example of the RO number on the DENSO/Denso Ten Packing Slip is show below.

Ship from		Ship to				air Type			
LAO - Los Angeles O 20100 Western Avenu Torrance, CA 90501,	je			Denso Ex					
Customer Name				Attn					
Claim Order	9YB854067			VIN					
Delivery Name				Pick up Date	08-OC	T-19			
Order Date	07-OCT-19			Ship Method	FEDE)	C-OVERNIGHT			
RO	F10S6BAC17595C			PO					
Complaint	CUSTOMER S	STATES THE SCRE	EN FROZE UP						
	854067	11		S070370		WIIIN			
Model	Customer Ite	m Description	阿爾斯爾斯	Order	UOM	Quantity Requested	Quantity Shipped		
N9746879-300	86271-AN60A	CAR NAVI I	VI OR HC CCU US HIGH	1.1	Ea	1	1		
. Please confirm tha	r unit upon rece the model rece itted by applica	eiving. Denso Ten wil eived is correct. If an ble law, Denso Ten v	TANT, PLEASE RI I not accept any freight-da y discrepancy, DO NOT livit viti retain any parts replace omes the customer's prop	maged-claims aft ISTALL unit. Call ed during repair in	er 15 da Denso 1	Ten at 800-237	-5413		

AUDIO/NAVIGATION & POWER AMPLIFIER COMPONENT OUT-OF-WARRANTY EXCHANGE / REPAIR PROGRAM

Vehicles outside the terms of the New Car Basic or Parts Warranties may utilize the Audio Exchange/ Repair Program which is to be referenced as an "Out-of Warranty Exchange Program". Subaru Added Security Gold Plus customers are entitled to this "out-of-warranty" exchange program when the failure meets the terms of the Agreement.

The out-of-warranty exchange program is intended to enhance customer satisfaction by providing a prompt exchange with a quality factory serviced audio unit which has been refurbished to the highest standards.

All out-of-warranty orders will be subject to Supplier availability. In case of low stock, "in-warranty" orders will take priority over "out-of-warranty" orders. In general, this program is for internal failures and does not include exchanges for damage (spilled liquid, scratches, etc.) Speak with the Audio/Navi. Supplier to determine exchange eligibility.

Out of Warranty Exchange Program procedures are outlined below. Please have the following information available when contacting the Service Center.

Retailer Code

Retailer Name and Address

VIN – All 17 Characters

Date of Vehicle Sale

Vehicle Mileage

Caller's Name and Telephone Number

Claim Number

Face Plate ID Number (Clarion and Fujitsu Ten only)

Subaru Part Number

Customer Complaint

Customer Last Name

Clarion (United Radio) 1-800-448-0944

- Clarion exchange requests are processed by United Radio.
- Exchange cores will be shipped UPS Ground or 2nd Day Air within 72 hrs.
- Clarion offers a 1 yr. manufacturer's warranty on these exchange units
- Clarion will invoice the retailer for the cost of the exchange unit
- Shipping charges for return of the core is the responsibility of the retailer
- Cores must be returned to Clarion (United Radio) within 30 days
- Delinquent cores will be invoiced to SOA who in turn will debit the retailer
- There will be a restocking fee of 20% for all unused returned cores. Retailers will be invoiced by Clarion (United Radio) and are to make payment directly to Clarion (United Radio) for this fee

DENSO/Denso Ten 1-800-237-5413

- Exchange cores will be shipped UPS Ground or 2nd Day Air within 72 hrs.
- DENSO/Denso Ten offers a 1 yr. manufacturer's warranty on these exchange units
- DENSO/Denso Ten will invoice the retailer for the cost of the exchange unit
- Shipping charges for return of the core is the responsibility of the retailer
- Cores must be returned to DENSO/Denso Ten within 30 days
- Delinquent cores will be invoiced to SOA who in turn will debit the retailer
- There will be a restocking fee of 20% for all unused returned cores.

Retailers will be invoiced by DENSO/Denso Ten and are to make payment directly to DENSO/Denso Ten for this fee.

Harman Kardon (United Radio) 1-800-448-0944

- Harman Kardon exchange requests are processed by United Radio.
- Exchange cores will be shipped UPS Ground or 2nd Day Air within 72 hrs.
- Harman Kardon offers a 1 yr. manufacturer's warranty on these exchange units
- Harman Kardon will invoice the retailer for the cost of the exchange unit
- Shipping charges for return of the core is the responsibility of the retailer
- Cores must be returned to Harman Kardon (United Radio) within 30 days
- Delinquent cores will be invoiced to SOA who in turn will debit the retailer
- There will be a restocking fee of 20% for all unused returned cores. Retailers will be invoiced by Harman Kardon (United Radio) and are to make payment directly to Harman Kardon (United Radio) for this fee.

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