ATTENTION: GENERAL MANAGER PARTS MANAGER	IMPORTANT - All Service Personnel Should Read and Initial in the boxes				SUBARU.
SERVICE MANAGER	provided, right. © 2016 Subaru oʻ	f America, Inc.	All rights	s reserved.	QUALITY DRIVEN® SERVICE
Part stat	SERV	ICE IN	FO	RMATION BUL	LETIN

APPLICABILITY: 2015MY Legacy and Outback SUBJECT: Subaru Rear Vehicle Detection (SRVD) Information / DTC B2328 NUMBER: 07-115-16 DATE: 11/11/16

INTRODUCTION:

The SRVD system diagnostic software was updated as part of the July, 2016 SSM version. One change in particular involves the location of the display screen to check for DTC **B2328**, "Rear Radar Internal Failure (Radar Misalignment)". The new procedure is included in the Service Manual for 2016MY but NOT in the Service Manual for 2015MY vehicles. This Service Information bulletin provides the updated procedure to follow when diagnosing the SRVD system used on 2015MY Legacy and Outback models.

SERVICE PROCEDURE / INFORMATION

When diagnosing the SRVD system on a 2015MY vehicle, and no DTCs are displayed in the **"Diagnostic Code(s) Display"** menu, the **"Cancel Codes Display"** must also be checked. The following steps will show how to check for DTCs in both areas.

1. From the "Main Menu" display, select "Start Diagnostics" then select "Each System" which will be displayed as shown below.



 From the "System List" display, select "Blind Spot Detection/Rear Cross Traffic Alert (RH)" (or LH). Double-click on select the side of the SRVD system you want to inspect first.

NOTE: Only one side of the system can be inspected at a time.

SUBARU Select M	onitor 4 - Select System	100		
Start Diagnosis	System List			
Vehicle	Engine		Transmission	
Cutback	Brake Control		Tire Pressure Monitor	
How Target	Body Control		Occupant Detection	
Each System	Impact Sensor		Airbag	
Select System	Brake Vacuum Pump		Air Conditioner	=
	Power Steering		Keyless Access with Push Button Start	/
	EyeSight		Automatic Light and Wiper	
	Combination Meter		Auto Start Stop	
	Power Rear Gate		Headlight / Foglight	
	Blind Spot Detection/Rear Cross Traffic A	Alert(RH)	Blind Spot Detection/Rear Cross Traffic	Alert(LH)
	Infotainment	$\mathbf{}$	Power Seat Memory	
•	t			
1	1600 × 900px	SIZE: 237.0KB		100% - (+)

3. The following screen displays the "Select Function" menu. Select "Data Monitor" and the "Blind Spot Detection/Rear Cross Traffic Alert (RH)" data will appear with the current system values. The "SRVD System fail flag" status will be displayed as "Normal" or "Fail" as shown in the screen shots below.

🛐 SUBARU Select Monitor 4 - Data monitor - Blind Spot Detection/Rear Cross Traffic Alert(RH) 📃 🚱 😰									
Start						?			
Vahicla	Item	Value	Unit	Maximum	Minimum	Average			
Legacy/	SRVD System fail flag	Normal		-	-	-			
Outback	SRVD System HALT flag	Normal		-	-	-			
Target Each System	SRVD System ON-OFF flag	ON		-	-	-			
System	RH-Side BSD caution 1st flag	OFF		-	-	-			
Detection/Rear	RH-Side LCA caution 1st flag	OFF		-	-	-			
Cross Traffic	RH-Side RCTA caution flag	OFF			=	-			
Select Function	RH-Side Radar Voltage value	14.3	V	14.4	14.3	14.3			
ртс	RH-Side Temperature value	100	°F	100	100	100			
Cancel Code									
Data Monitor									
Active Test						E.			
Work Support									
1 Customize									
						-			
😫 14.28V	Number of samples 196	· · · ·			Elapse	d time 00:00:33.150			
Project									
	Split. Split. Graph Graph			Trigger	Mark	F8 Stop			

🚰 SUBARU Select Monitor 4 - Data monitor - Blind Spot Detection/Rear Cross Traffic Alert(RH) 🔁 🔂										
Start Diagnosis						?				
Vahirla	Item	Value	Unit	Maximum	Minimum	Average				
Legacy /	SRVD System fail flag	Fail		-	-	-				
Outback	SRVD System HALT flag	Normal		-		-				
Target Fach System	SRVD System ON-OFF flag	ON		-	-	-				
System	RH-Side BSD caution 1st flag	OFF		-	-					
Detection/Rear	RH-Side LCA caution 1st flag	OFF		-	-	-				
Cross Traffic	RH-Side RCTA caution flag	OFF		÷	-					
Select Function	RH-Side Radar Voltage value	14.3	V	14.4	14.3	14.3				
DTC	RH-Side Temperature value	100	°F	100	100	100				
Cancel Code										
Data Monitor										
Active Test						E				
Work Support										
🌿 Customize										
						_				
~						-				
14.28V	Number of samples 196				Elapse	d time 00:00:33.150				
Project										
	Spit Stop									

- If "Normal" is displayed, there are no DTCs stored in the selected side (LH or RH) of the system at this time. Go back and repeat steps 1, 2 and 3 for the opposite side.
- **4.** If the value displayed is **"Fail"**, after selecting **"Data Monitor"**, inspect for stored DTC(s) in in **BOTH** "DTC" then **"Cancel Code"** from the Select Function menu. See the screen shots below for each.

Select DTC:

SUBARU Select Mor	nitor 4 DTC -B	lind Spot Dete	ction/Rear Cross Traffic Alert(RH)	-	-		_ 0 <mark>_ X</mark>
Start Diagnosis				Т	Time stamp		•
Vehicle Legacy /	Status ▲	Code ▲	Description & trouble part	Trip 🔺	Time C	Group	FFD
Outback				01659	657300	Current	
Target	History	<u>U0101</u>	Lost Communication With TCM	01071	73200	Common	
Blind Spot	History	<u>U0122</u>	Lost Communication With Vehicle Dynamics Control Module	01071	73500	Common	
Detection/R ear Cross	History	<u>U0140</u>	Lost Communication With Body Control Module	01071	76300	Origina	
Select Function	/						
DTC							
Cancel							
Data Monitor							E
Cr4 Active Test							
Work 5 Support							
1 Customize							
14.31V							*

Select Cancel Code then double-click on Cancel Code(s) Display:

SUBARU Select M	Ionitor 4 Cancel code selection, Blind Spot Detection/Rear Cross Traffic Alert(RH)			-	-	
Start Diagnosis	Cancel code items	^	Explanation			
Vehicle Legacy / Outback	Cancel Code(s) Display					
Target Exerestivestem						
Detection/R ear Cross						
Select Function						
DTC						
Cancel Code						
Data Monitor						
F4 Active Test						
Work Support						
Customize						
9 14.36V						
Project		-				
						Select

Cancel Code display:

SUBARU Select Monito	4 - Cancel Code - in	ibaru Rear Vehicl	e Detection(RH)		-		
Start Diagnosis					Time stamp		
	Status ▲	Code 🛦	Description & trouble part	Trip C 🛦	Time Co	Group	
Legacy				00134	667000	Current	
Target	Current	<u>B2328</u>	Rear RADAR internal failure (RADAR misalignment)	00134	1000	Common	
Each System	History	<u>B2328</u>	Rear RADAR internal failure (RADAR misalignment)	00134	1000	Common	
System Subaru Rear		X					
Detection(RH)							
Select Function							
DTC							
Cancel Code			· · · · · · · · · · · · · · · · · · ·				
Data Monitor							
Active Test							
Support							
Customize							
· -80							
-						-	
,V							
Project	-		Cancel Code	l.			
			Cancel Code(s) Display				
· 전태2			Environment of the second s				

5. When checking the "Cancel Code" display, DTC(s) may be displayed as "Current" or "History".

IMPORTANT: Just like in steps 2 and 3 above, Steps 4 and 5 above must always be performed for **BOTH** the LH **and** RH side radar assemblies to properly check the system for any stored DTCs or Cancel Codes. Like DTCs, Cancel Codes may be stored in one side radar assembly and not the other.

- 6. When performing these checks, DTC B2328, "REAR RADAR INTERNAL FAILURE (RADAR MISALIGNMENT)", will likely be stored as shown in the screen shot above. If B2328 is found, the Radar Alignment procedure accessible from "Work Support" in the "Select Function" menu and described in applicable Service Manual must be performed. Any other DTCs or Cancel codes should always be diagnosed and repaired as per the applicable Service Manual.
- 7. When repairs are complete, the memory must be cleared before releasing the vehicle.

IMPORTANT REMINDERS:

- SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.
- Always check for any open recalls or campaigns anytime a vehicle is in for servicing.
- Always refer to STIS for the latest service information.

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.