

# XM Satellite Radio Inoperative Until Ignition Key Is Cycled

**Service Category** Audio/Visual/Telematics

**Section** Audio/Video

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2009	4Runner, Avalon, Land Cruiser	
2007 – 2010	Camry, Camry HV, Sienna, Tundra	
2009 – 2010	Corolla, Matrix	
2007 – 2009	FJ Cruiser, RAV4	
2008 – 2009	Highlander, Highlander HV, Sequoia	
2006 – 2010	Prius	
2006 – 2008	Solara	
2009	Tacoma, Yaris	

## Introduction

Some customers with vehicles that are equipped with a PPO/DIO accessory XM Satellite Radio Receiver (P/N 86180-0W030 or 86180-0W031) may exhibit one or more of the following conditions:

- XM Satellite Radio becomes non-operational or locked while in use.
- Sound output becomes sporadic or non-existent.

When either of these conditions occur, cycling the ignition from “ON”-“OFF”-“ON” restores normal operation.

Improved XM Satellite Radio Receiver exchange units are available to correct this condition.

### NOTE

- This condition is **NOT** reception related. Switching modes will not correct the condition.
- This condition affects **XM ONLY** — AM/FM reception is normal when this condition occurs.
- If cycling the ignition key does **NOT** restore normal operation, this TSB does **NOT** apply.

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### Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
AU9002	R & R XM Satellite Radio Receiver Assembly	All Models Except FJ Cruiser & Land Cruiser	0.4	86180-0W03#	87	99
		FJ Cruiser	0.5			
		Land Cruiser	0.8			

#### APPLICABLE WARRANTY

- Toyota-supplied satellite radio component systems installed as original equipment are warranted for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Toyota-supplied satellite radio components installed by a Toyota dealer are warranted for 12 months, regardless of mileage from the date of installation on the vehicle, or the remainder of the applicable New Vehicle Limited Warranty for 36 months or 36,000 miles, whichever provides the greater coverage.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

### Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
86180-0W030	Same	XM Satellite Radio Receiver	1
86180-0W031	Same		1

#### NOTE

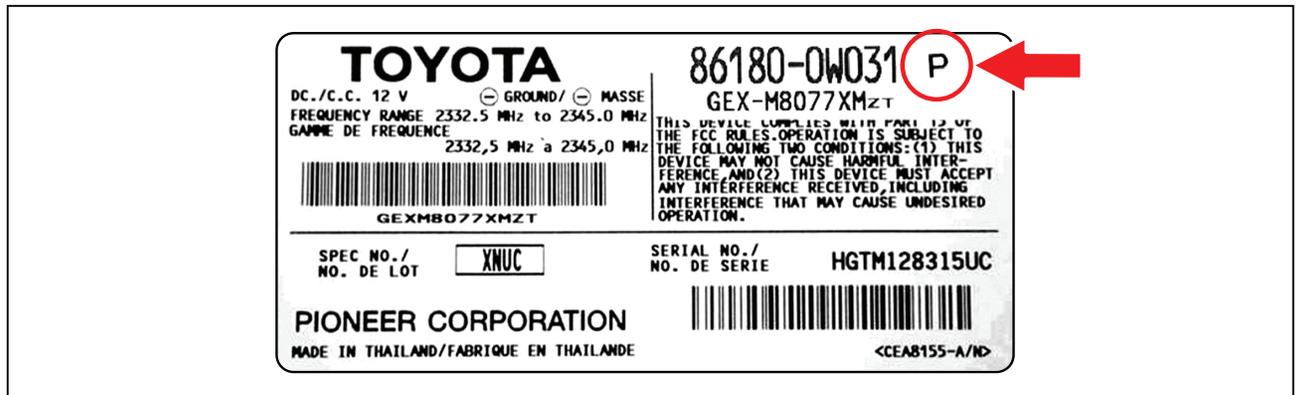
Order parts through the Pioneer exchange program.

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### Service Exchange Part Identification

Countermeasure parts have a “P” marking on the parts label following the Toyota part number (see Figure 1).

**Figure 1. Sample of Countermeasure Part Label**



### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Plastic Pry Tool Set*	<a href="#">00002-06000-01</a>	1

\* Essential SST.

**NOTE**  
Additional SSTs may be ordered by calling 1-800-933-8335.

### Repair Procedure

1. Verify the condition in the Introduction.
2. Perform diagnostic troubleshooting to confirm the problem is related to the condition described in this TSB.

Refer to the Technical Information System (TIS), *Accessory – Accessory Diagnostic Guide – “2004-2010 All Vehicles XM Satellite Radio Tuner 86180-0W030 Troubleshooting Guide”*

3. Order a replacement XM Satellite Radio Receiver through the Pioneer exchange program.

For information regarding the satellite radio warranty, refer to TIS, *Reference Information – Warranty Policy & Procedures – “Policy 4.28: Satellite Radio Warranty”*

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### Repair Procedure (Continued)

4. Refer to the applicable model and model year in the table below for part replacement.

MODEL	MODEL YEAR	ACCESSORY INSTALLATION INSTRUCTIONS
4 Runner	2006 – 2009	<a href="#">"2006-2009 4Runner XM Satellite Radio Mounting Kit PT546-89060 And Tuner Assy 86180-0W030 Rev. D"</a>
Avalon	2006 – 2008	<a href="#">"2006-2008 Avalon XM Satellite Radio Mounting Kit PT546-07061 And Tuner Assy 86180-0W030 Rev. C"</a>
	2009	<a href="#">"2009 Avalon XM Satellite Radio Mounting Kit PT546-07090 And Tuner Assy 86180-0W031 Rev. B"</a>
Camry/ Camry HV	2007 – 2009	<a href="#">"2007-2009 Camry/Camry HV XM Satellite Radio PT546-33070 And 86180-0W031 Rev. G"</a>
	2010	<a href="#">"2010 Camry/Camry HV XM Satellite Radio Mounting Kit PT546-33100 And Tuner Assembly 86180-0W031 Rev. H"</a>
Corolla	2009 – 2010	<a href="#">"2009-2010 Corolla XM Satellite Radio Mounting Kit PT546-02080, Tuner Assy 86180-0W031 (Music Only), And Tuner Assembly PT546-00090 (Music Plus Data) Rev. D"</a>
FJ Cruiser	2007 – 2009	<a href="#">"2007-2009 FJ Cruiser XM Satellite Radio PT546-35070 (Mounting Kit) And 86180-0W031 (Tuner Assy) Rev. E"</a>
Highlander/ Highlander HV	2008 – 2009	<a href="#">"2008-2009 Highlander/Highlander HV XM Satellite Radio Mounting Kit PT546-48080 Tuner Assy 86180-0W031 Rev. F"</a>
	2009	<a href="#">"2009-2010 Highlander/Highlander HV XM Satellite Radio Mounting Kit: PT546-48080 And Tuner Assy: 86180-0W031 Rev. C"</a>
Land Cruiser	2006	<a href="#">"2006 Land Cruiser XM Satellite Radio Tuner PT86180-0W030 PT86180-0W200 Rev. C"</a>
	2008 – 2009	<a href="#">"2008-2009 Land Cruiser XM Satellite Radio PT546-60080 Mounting Kit (Model without RSE), PT546-60081 (Model with RSE), Tuner Assy 86180-0W031 Rev. E"</a>
Matrix	2009 – 2010	<a href="#">"2009-2010 Matrix XM Satellite Radio Mounting Kit PT546-12080, Tuner Assy 86180-0W031 (Music Only) And Tuner Assembly PT546-00090 (Music Plus Data) Rev. D"</a>
Prius	2006 – 2009	<a href="#">"2006-2009 Prius XM Satellite Radio Tuner Assy 86180-0W031 And Mounting Kit PT546-47060 Rev. C"</a>
	2010	<a href="#">"2010 Prius XM Satellite Radio Tuner Assy 86180-0W031 And Mounting Kit PT546-47100 Rev. B"</a>
RAV4	2007 – 2008	<a href="#">"2007-2008 RAV4 XM Satellite Radio Mounting Kit PT546-42070 Tuner Assy 86180-0W030 Rev. B"</a>
	2008	<a href="#">"2008 RAV4 XM Satellite Radio Mounting Kit: PT546-42080 Tuner Assy: 86180-0W031 Rev. D"</a>
	2009	<a href="#">"2009 RAV4 XM Satellite Radio Mounting Kit: PT546-42090 Tuner Assy: 86180-0W031 Rev. A"</a>

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### Repair Procedure (Continued)

MODEL	MODEL YEAR	ACCESSORY INSTALLATION INSTRUCTIONS
Sequoia	2008 – 2009	<a href="#"><u>"2008-2009 Sequoia XM Satellite Radio External Mount Antenna (Mounting Kit PT546-0C080 And Tuner Assy 86180-0W031) Rev. H"</u></a>
Sienna	2007 – 2010	<a href="#"><u>"2007-2009 Sienna XM Satellite Radio Mounting Kit PT546-08070 And Tuner Assy 86180-0W031 Rev. D"</u></a>
Solara	2006 – 2008	<a href="#"><u>"2006-2009 Solara XM Satellite Radio 86180-0W030 Tuner Assy And PT546-06060 Mounting Kit Rev. B"</u></a>
Solara Convertible		<a href="#"><u>"2006-2009 Solara Convertible XM Satellite Radio PT546-06061 Mounting Kit And 86180-0W030 Tuner Assy Rev. A"</u></a>
Tacoma	2009	<a href="#"><u>"2009 Tacoma XM Satellite Radio Mounting Kit PT546-35090 And Tuner Assembly 86180-0W031 Rev. D"</u></a>
Tundra	2007 – 2009	<a href="#"><u>"2007-2009 Tundra XM Satellite Radio PT546-34070 (Mounting Kit) And 86180-0W030 (Tuner Assy) Rev. E"</u></a>
	2009 – 2010	<a href="#"><u>"2009 Tundra XM Satellite Radio Mounting Kit PT546-34090 And Tuner Assy 86180-0W031 Rev. B"</u></a>
Yaris	2009	<a href="#"><u>"2009 Toyota Yaris XM Satellite Radio Mounting Kit PT546-52096 And Tuner Assy 86180-0W031 Rev. A"</u></a>

5. Register the new XM Receiver Radio Identification Number (RID).
  - A. Be prepared with the VIN, OLD Radio Identification Number (RID), and NEW Radio Identification Number (RID).
  - B. Call the XM Radio Listener line at 1-800-967-2346.
  - C. Provide the necessary information and the representative will complete the request.
  - D. If the customer has an active account, confirm XM Satellite Radio service has been refreshed and the radio is active. Once you can listen to channels 4, 11, and 41, you know the activation was successful.