

Subject

**Smart Key - Replacement Parts Application**

Market

**USA**

Service Category

**Vehicle Interior**

Section

**Theft Deterrent/Keyless Entry**

Applicability

**2011 Prius, 4Runner, Venza**

**APPLICABLE VEHICLES**

2011	Prius	2011	Venza
2011	4Runner		

**CONDITION**

For the models listed above, the Electronic Parts Catalog (EPC) may not include enough detail to determine appropriate keys and receiver replacement parts. This Tech Tip will help you identify the system type prior to ordering replacement keys and/or Door Control Receiver in rear of vehicle.

**RECOMMENDATIONS**

Use the following information to:

- identify system type (AM or FM modulation)
- choose appropriate parts

prior to ordering, attempting to program replacement keys and/or install a new receiver:

**Identify System Type:**

If one working key fob is present, identify the system type by FCC ID on key:



Example: This key fob has an FCC ID ending in AB, if this key operates Smart access or wireless locks, vehicle is equipped with an AM modulated system:

- AB = AM system
- CX = FM system

NOTE: Both types of keys will operate immobilizer when held over start button.

If all keys are missing, find service history identifying TSB retrofit to FM or it will be necessary to access Door Control Receiver in rear of vehicle and identify system type by part number.



Example: This Door Control Receiver has a Toyota part number on the upper RH corner of the part label.

- Prius: 89740-47140 = AM / 89740-47050 = FM
- 4Runner: 89740-35030 = AM / 89740-35010 = FM
- Venza: 89740-0T030 = AM / 89740-0T010 = FM

**See Page 2 for visual of Door Control Receiver locations by model**

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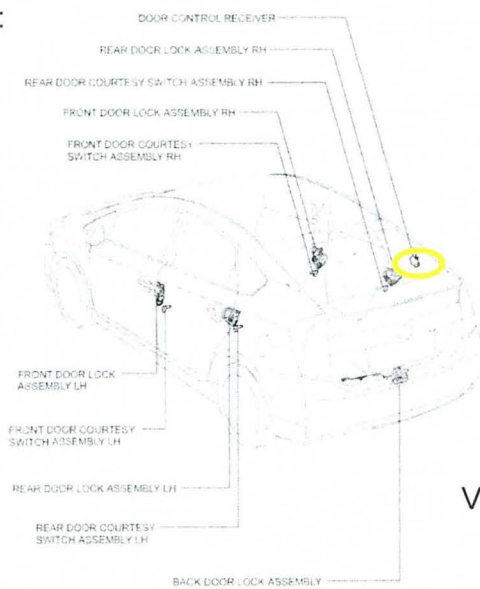
**RECOMMENDATIONS**

**Choose Appropriate Parts:**

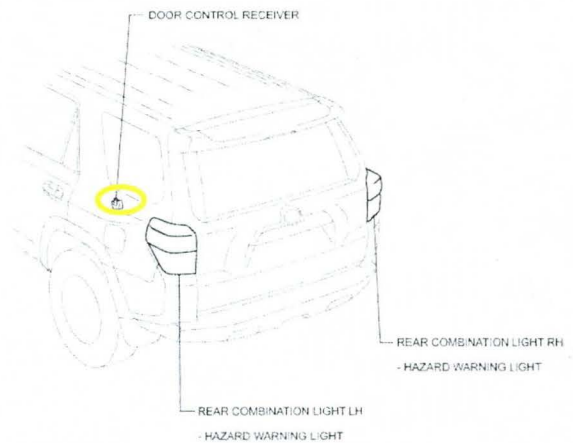
MODEL	FM KEYS	AM KEYS	OPTION	FM RECEIVER	AM RECEIVER
Venza	89904-0T050	89904-0T070	w/o PBD	89740-0T010	<b>89740-0T030</b>
	89904-0T060	89904-0T080	w/PBD		
Prius	89904-47150	89904-47420	w/A/C	89740-47050	<b>89740-47140</b>
	89904-47230	89904-47430	w/o A/C		
4Runner	89904-35010	89904-35030	-	89740-35010	<b>Not Available</b>

**Door Control Receiver Locations:**

Prius:



4Runner:



Venza:

