



ATTENTION: This Technical Service Bulletin was issued by Southeast Toyota Distributors, LLC.

For Toyota Dealers located within the Southeast Region: Please refer to SET Dealer Daily to obtain instructions on how to order parts and submit a warranty claim (If applicable).

For Lexus Dealers or Toyota Dealers NOT located in Florida, Georgia, Alabama, South Carolina or North Carolina: For Repair Authorization, Parts Ordering, and Warranty Claims please contact Southeast Toyota Distributors Warranty Claims Department:

(888)851-2722

Press 5, then Press 4 for Out of Region SET Repairs

Accessory.Warranty@SEToyota.com

Thank you for your continued support.

Tundra SET Remote Engine Start

No start with key or fob DTC B279A

Applicability

YEAR(S)	MODEL(S)	INSTALLED ACCESSORY INFORMATION		
		DESCRIPTION	ACCESSORY CODE	KIT PART NUMBER
2013-2015	Tundra	Remote Engine Start (SET)	QR10, RS1000	00016-34035,
2013-2014	Sequoia			00016-34043, 00016-34069

**This Publication does not apply to Vehicles Equipped with a TMS Remote Engine Start or Systems added by other manufacturers.

REVISION NOTICE

06/04/2015 Original Release

03/08/2016 Edited Format for TIS

Any previous printed versions of this bulletin should be discarded.

Introduction

In some instances, Tundra/Sequoia vehicles equipped with the SET Remote Start may exhibit a condition where the vehicle will not start with the remote start system and/or with the vehicles key. This condition may also set a DTC B279A-Theft Deterrent System Communication Line High Fixation. This may be caused by an intermittent open in the SET accessory remote start harness.

Warranty Information

For Dealers located in the Southeast Region, Florida, Georgia, Alabama, South Carolina, or North Carolina, Submit Warranty claim utilizing the information below.

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
ARS031	Remote Engine Start Harness Diagnosis and Repair	1.0	00016-34035-02	99	99
Port Installed Option (PIO) - is in effect for 36 months or 36,000 miles from the vehicle's in-service date, whichever occurs first. <i>Unless otherwise specified in vehicle VIN inquiry.</i>					
Dealer Installed Option (DIO) - is in effect for 12 months, regardless of mileage, from the date the part(s) was installed on the vehicle or the remainder of any applicable New Vehicle Limited Warranty, whichever provides greater coverage.					
Over the Counter Sale (OCS) - is in effect for 12 months, regardless of mileage, from the date the part(s) were sold. Labor is not warranted for over-the counter service part replacements.					

If you are a dealer located outside of the Southeast Region, please contact the SET Accessory Warranty Department at (888) 851-2722 or email Accessory.Warranty@SETToyota.com for claim payment instructions.

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Parts Information

PART NUMBER	DESCRIPTION
00016-34035-02	Tundra/Sequoia Remote Engine Start - Main Wiring Harness

If you are a dealer outside of the SET region, please contact the SET accessory department at (888) 851-2722 or email Accessory.Warranty@SEToyota.com.

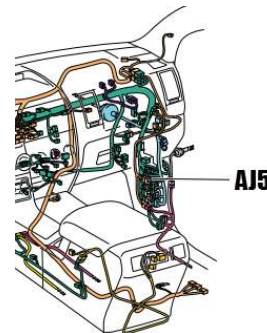
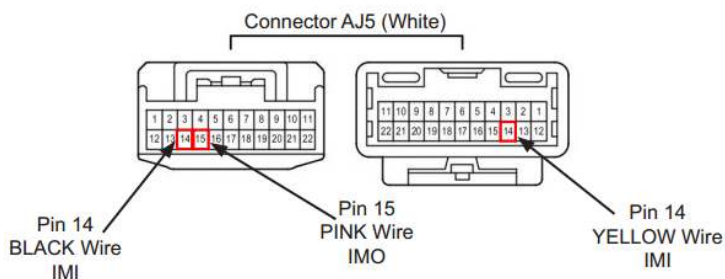
Inspection Procedure

1. Inspect remote engine start accessory connections to vehicle wiring harness. Check the T-Taps in the passenger side kick panel to ensure they have a good connection. Reference the appropriate section below for the correct vehicle. Repair any connections of IMI or IMO circuits suspected of causing loose connection by removing the T-Taps and soldering the connection.

NOTE: Exercise care when servicing any wires with black t-taps connected to them. These wires are extremely fragile and may break easily with excessive manipulation.

2013 TUNDRA:

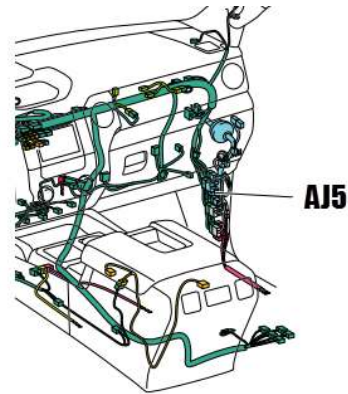
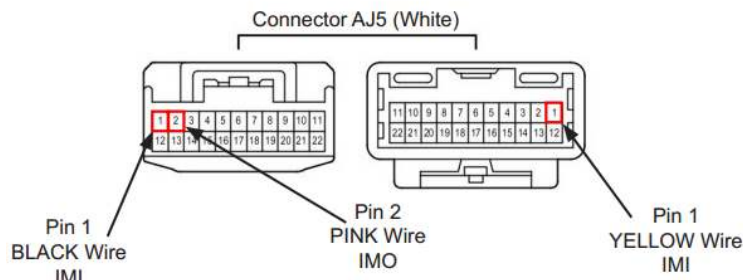
- RES System GREEN wire connects to vehicle IMO circuit at connector AJ5, Pin 15, PINK wire.
- RES System VIOLET wire connects to vehicle IMI circuit at connector AJ5 (rear/female side of connector). This terminal is removed from connector AJ5, Pin 14 YELLOW wire during installation.
- RES System VIOLET/WHITE wire connectors to vehicle IMI circuit at (front/male side of) connector AJ5, Pin 14 BLACK wire.



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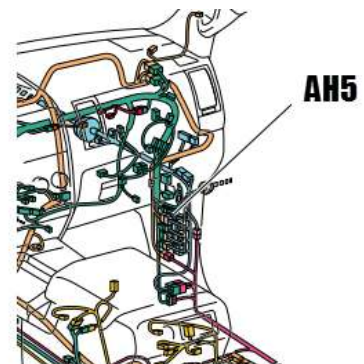
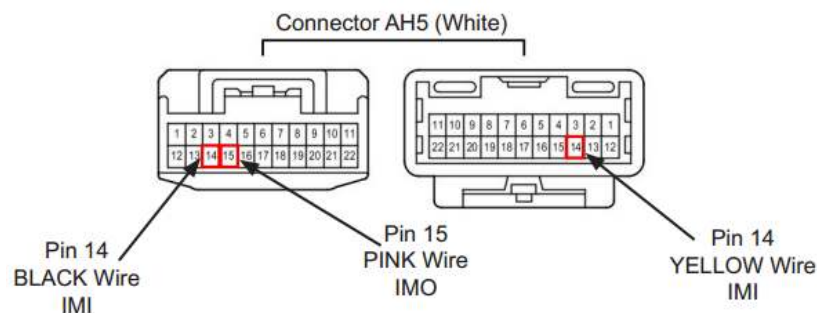
2014-2015 TUNDRA:

- RES System GREEN wire connects to vehicle IMO circuit at connector AJ5, Pin 2, PINK wire.
- RES System VIOLET wire connects to vehicle IMI circuit at connector AJ5 (rear/female side of connector). This terminal is removed from connector AJ5, Pin 1, YELLOW wire during installation.
- RES System VIOLET/WHITE wire connects to vehicle IMI circuit at (front/male side of) connector AJ5, Pin 1, BLACK wire.



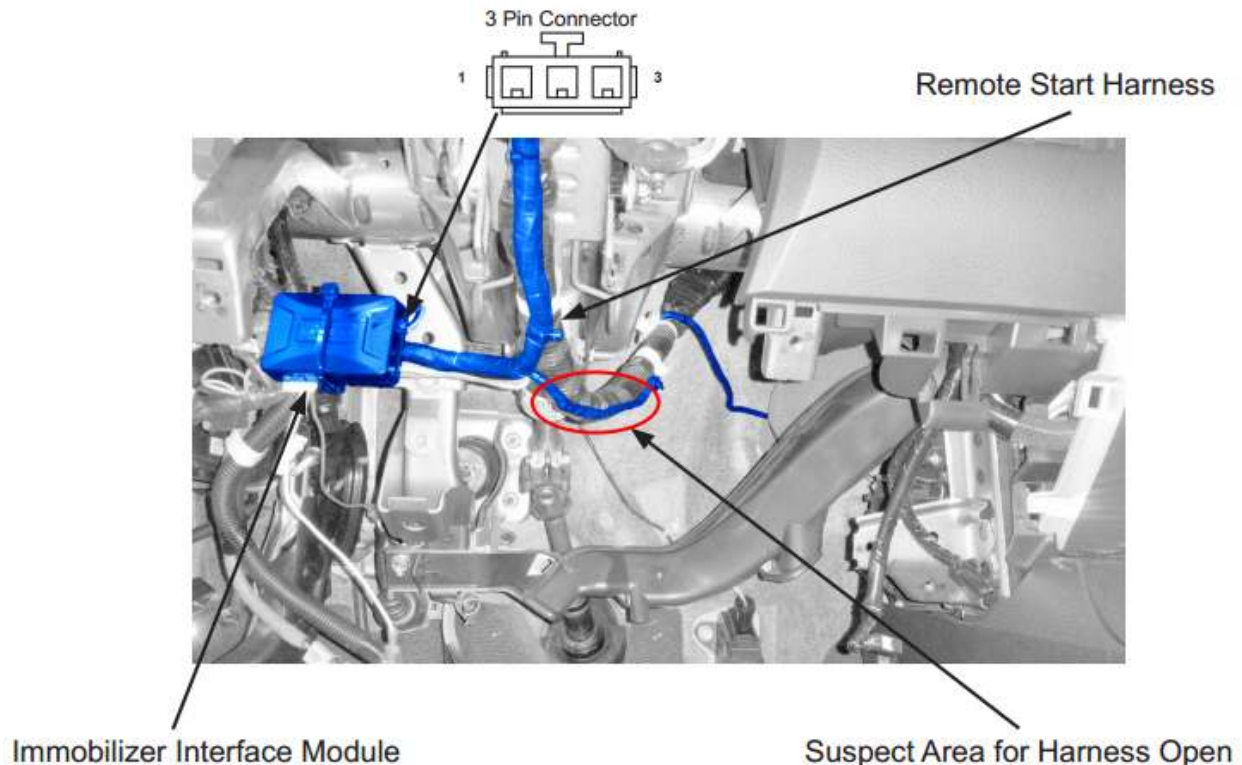
2013-2014 SEQUOIA:

- RES System GREEN wire connects to vehicle IMO circuit at connector AH5, Pin 15, PINK wire.
- RES System VIOLET wire connects to vehicle IMI circuit at connector AH5 (rear/female side of connector). This terminal is removed from connector AH5, Pin 14 YELLOW wire during installation.
- RES System VIOLET/WHITE wire connects to vehicle IMI circuit at (front/male side of) connector AH5, Pin 14 BLACK wire.



2. Inspect resistance of SET remote engine start harness. Using a DVOM, check continuity from the spade connector of the VIOLET/WHITE wire at T-tap connection on vehicle's IMI wire (Connector AJ5 or AH5 referenced above) to the VIOLET/WHITE wire in Pin 2 of the 3 pin connector at Remote Engine Start system Immobilizer Interface Module. The Immobilizer Interface Module is located behind the driver's side lower instrument panel to the left of the steering column.

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NOTE: It may be necessary to manipulate the harness approximately 3 inches from where the smaller portion of the harness branches off from the larger trunk of the harness (pictured above) or operate the tilt/telescope steering column while testing continuity if the no start condition is intermittent.

- If Resistance is greater than 10 Ohms, Replace Remote Engine Start main harness.

Repair Procedure

1. Repair any connections of IMI or IMO circuits at AJ5 or AH5 connections suspected of causing loose connection by removing the T-Taps and soldering the connection.
2. Refer to the SET Remote Start System installation manual on TIS for the respective vehicle for correct wire routing and connection information.

Note: Reprogramming the Main Control Module or the Immobilizer Interface Module is not necessary for this repair.

3. Verify the vehicle starts correctly with the vehicle's key.

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Verify proper operation of the Remote Engine Start System:

1. Roll down the window and close the driver's door.
2. Activate the remote start function by pressing the  button 2 times within 3 seconds on the 2-way remote control transmitter. The transmitter should beep and flash the led one time.
3. Once the vehicle starts, the transmitter should beep (2) times and flash the led (2) times and then flash every few seconds, signifying that the vehicle is still running. Verify that all heat and A/C functions operate normally and that the doors have locked.
4. Once all systems have been checked, pressing the  button on the 2-way remote control transmitter, the transmitter should beep (2) times and flash the led (2) times and the doors should unlock.
5. Verify that the vehicle runs for (15) minutes and then shuts down. The doors should lock and the transmitter should beep (3) times and flash the led (3) times.
6. Function test all of the Remote Start System's safety inputs according to the "Testing the Remote Start System" section of the respective installation manual on TIS.

For additional questions or concerns during this repair, please open a TAS case and contact SET Technical Assistance regarding Southeast Toyota Accessory.