PART NUMBER: 250-8400

KIT CONTENTS

ITEM	Q TY	DESCRIPTION	
1	1	Interface Adapter Harness	
2	1	Rear Camera Assembly	
3	1	Camera Extension Harness	
4	1	SACK PARTS	

HARDWARE BAG CONTENTS

Ітем	Qтy	DESCRIPTION
1	10	Wire Ties
2	3	Adhesive Foam
3	1	Sealing Putty
4	1	Alcohol Pad

ADDITIONAL ITEMS REQUIRED FOR INSTALL

ITEM	Q TY	DESCRIPTION
1	N/A	ELECTRICAL TAPE
2		
3		
4		

CONFLICTS

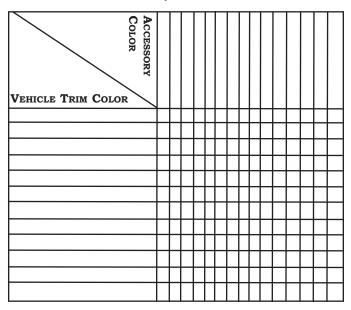
Note:		
MOTE:		
1		
1		

RECOMMENDED TOOLS

SAFETY TOOLS		
Canaria Toora		
SPECIAL TOOLS		
Installation Tools		
FASTENER REMOVAL TOOL	WIRE CUTTERS	
Trim Removal Tool		
10-MM DEEP SOCKET		
Torque Wrench (36 in*lbs)		
SPECIAL CHEMICALS		

FORM #5415, REV. A, 03-05-13

COLOR APPLICABILITY/TRIM LEVEL



GENERAL APPLICABILITY

All Models

RECOMMENDED SEQUENCE OF APPLICATION

* Mandatory

LEGEND



STOP: DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.



OPERATOR SAFETY: USE CAUTION TO AVOID RISK OF INJURY.



CRITICAL PROCESS: PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.



GENERAL PROCESS: THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION.



TOOLS & EQUIPMENT: THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS.



 $\overline{\textbf{REVISION}}$ $\overline{\textbf{MARK}}.$ This mark highlights a change in installation with respect to previous issue.

SPECIAL NOTE: INSTALLATION SEQUENCES

AFTER SAFETY MANDATED PREPARATORY STEPS HAVE BEEN TAKEN, THE INSTALLATION SEQUENCE IS THE SUGGESTED METHOD FOR COMPLETING THE ACCESSORY INSTALLATION. IN SOME INSTANCES THE SUGGESTED SEQUENCE IS WRITTEN FOR ONE ASSOCIATE TO INSTALL AND IN OTHERS THE SEQUENCE IS GIVEN AS PART OF A TEAM ACCESSORY INSTALLATION. UNLESS OTHERWISE STATED IN THE DOCUMENT, THE ASSOCIATES MAY PERFORM THE INSTALLATION STEPS IN ANY ORDER TO MAKE THE INSTALLATION AS EFFICIENT AS POSSIBLE WHILE MAINTAINING CONSISTENT QUALITY.

PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	250-8552	Interface Adapter Harness
2	1	250-8550	Camera Extension Harness
3	1	250-8112	CCD REAR CAMERA ASSEMBLY
4	1		SACK PARTS: TIE STRAPS,
			Foam Tape, Sealing Putty



^{*}Before beginning installation, familiarize yourself with the installation instructions and the RearSight™ back-up camera system components.

VEHICLE PREPARATION



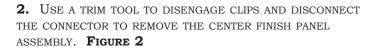
CAUTION: It is advisable to disconnect the NEGATIVE BATTERY CABLE FOR 3 MINUTES BEFORE BEGINNING INSTALLATION, TO AVOID UNINTENDED AIR BAG DEPLOYMENT. NOTE AND RECORD ANY ANTI-THEFT RADIO CODES PRIOR TO DISCONNECTING.

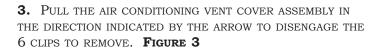


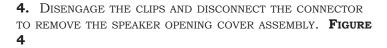
VEHICLE PREPARATION

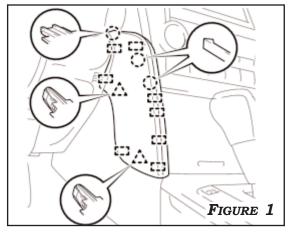


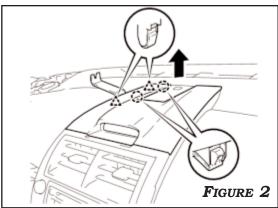
1. Disengage clips to remove the left and right side FRONT PANEL GARNISH. FIGURE 1

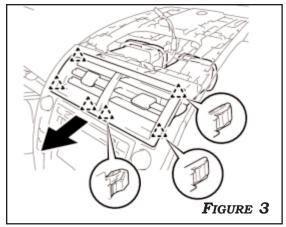


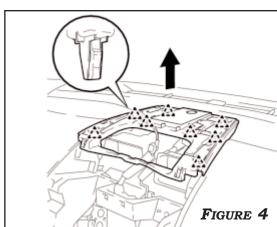










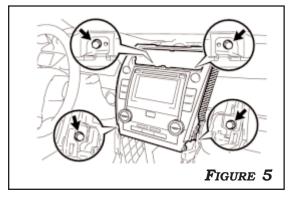


VEHICLE PREPARATION

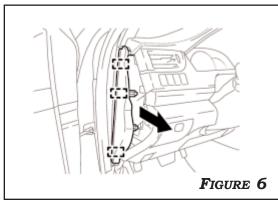
VEHICLE PREPARATION CONTINUED...



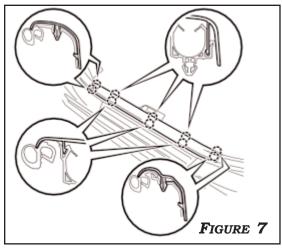
5. APPLY PROTECTIVE TAPE AND REMOVE THE 4 (10mm) BOLTS. PULL THE RADIO RECEIVER ASSEMBLY WITH AIR CONDITIONING CONTROL ASSEMBLY TOWARD THE REAR OF THE VEHICLE AND DISENGAGE THE CLIPS. DISCONNECT EACH CONNECTOR AND REMOVE THE RADIO RECEIVER ASSEMBLY WITH AIR CONDITIONING CONTROL ASSEMBLY. **FIGURE 5**



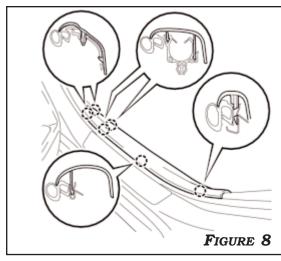
6. Use a trim tool to disengage clips and remove the instrument side panel and lower dash panel assembly. **Figure 6**



7. Disengage clips to remove driver side kick panel and front door scuff panel assembly. Figure 7



8. Disengage clips to remove driver side rear door scuff panel assembly. **Figure 8**

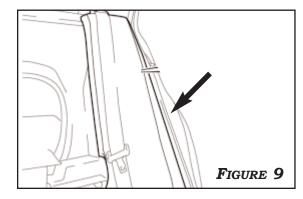


VEHICLE PREPARATION

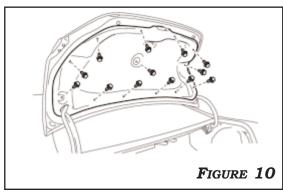
VEHICLE PREPARATION CONTINUED...



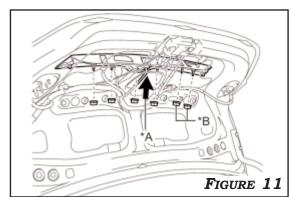
9. Remove left rear door opening trim weatherstrip. Figure $\mathbf{9}$

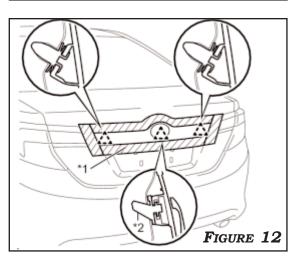


10. Remove the 13 clips and luggage compartment door cover. **Figure 10**



11. Remove (6) 10mm nuts and disengage the clips to remove the luggage compartment door outside garnish sub-assembly. Figures 11 & 12





INSTALLATION

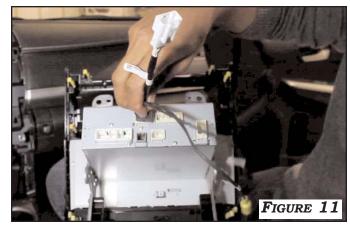
INSTALLING INTERFACE HARNESS

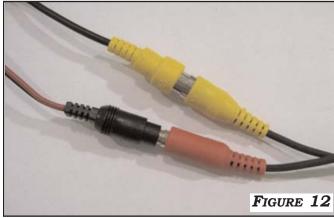


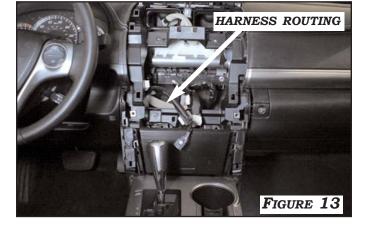


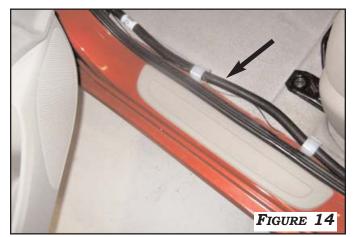
1. Connect the interface adapter harness into radio RECEIVER AS SHOWN IN FIGURE 11. CONNECT THE VEHICLE HARNESS INTO THE MATING CONNECTOR OF THE INTERFACE ADAPTER HARNESS.

2. Connect male RCA video connector of camera exten-SION HARNESS TO VIDEO INPUT (YELLOW CONNECTOR) OF INTER-FACE ADAPTER HARNESS. CONNECT MALE DC POWER CONNEC-TOR OF CAMERA EXTENSION HARNESS TO CAMERA POWER OUT-PUT (BLACK CONNECTOR) OF INTERFACE ADAPTER HARNESS. Wrap all **RCA** and **DC** Connectors with the foam tape PROVIDED. FIGURE 12









ROUTING HARNESSES







1. ROUTE CAMERA EXTENSION HARNESS BEHIND REMOVED RADIO ASSEMBLY AND BEHIND LOWER DASH PANEL USING THE FACTORY RETAINING CLIPS OR FOAM TAPE WHENEVER POSSIBLE. ROUTE THE HARNESSES FROM THE LOWER DASH PANEL THROUGH THE KICK PANEL AND ALONG DRIVER SIDE DOOR WIRING TO THE LUGGAGE COMPARTMENT DOOR AREA.

FIGURES 13-16

INSTALLATION

MOUNTING CAMERA





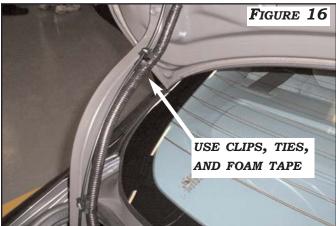


NOTE: INSTALLATION TEMPERATURE

Surface temperature must be between 70 degrees F AND 110 DEGREES F FOR OPTIMUM INSTALLATION.

- 1. CLEAN THE CENTER BOTTOM OF THE LICENSE PLATE TRIM PIECE WITH ALCOHOL. PEEL THE CLEAR LINER OFF THE DOU-BLE-SIDED TAPE ON THE CAMERA ASSEMBLY AND MOUNT TO THE TRIM PIECE AS SHOWN IN FIGURE 17. BE SURE TO PUSH THE CAMERA ASSEMBLY AND PRESS DOWN FIRMLY ON THE TRIM PIECE FOR FIVE SECONDS BEFORE RELEASING.
- 2. Remove the left side license plate light fixture to ROUTE CAMERA HARNESS AS SHOWN IN FIGURE 18. REASSEMBLE THE LIGHT FIXTURE WITH CAMERA HARNESS AT TOP RIGHT CORNER BEHIND FIXTURE HOUSING.
- 3. Connect RCA connector and DC Power connector OF CAMERA HARNESS TO THE EXTENSION HARNESS. WRAP RCA AND DC CONNECTORS WITH FOAM TAPE PROVIDED. Properly bundle and secure excess harness inside of REAR DOOR. BE SURE HARNESS IS NOT BINDING AND IS CLEAR OF MOVING PARTS.









TESTING







1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO 3 FT*LBS. RE-ENTER ANY THEFT DETERRENT INFORMATION, IF APPLICABLE.



- 2. Turn the ignition switch on. Put the vehicle in REVERSE. VERIFY THAT THE RADIO DISPLAY IS ON AND THAT THE CAMERA'S PICTURE APPEARS.
- 3. If there is no picture, verify all connections are SECURE.

TESTING AND REASSEMBLY

REASSEMBLY



- 1. Reinstall all trim pieces taking special care to ensure harnesses and wiring connections are properly secured.
- **2.** Be sure harness is not pinched or bound by trim pieces.
- 3. PLACE THE OWNER'S CARD IN THE GLOVE BOX.
- **4.** RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.



FUNCTION VERIFICATION

\bigvee	Снеск:	Look For:
Acci	essory Function Checks	
	TURN THE IGNITION SWITCH ON AND PUT VEHICLE IN REVERSE	VERIFY CAMERA PICTURE COMES ON. (IMAGE WILL DISAPPEAR WHEN VEHICLE IS TAKEN OUT OF GEAR)
	Turn the ignition switch On and press "Auto" button	Verify Led Light is on in ignition
Ver	nicle Function Checks	
	Trunk Release	Verify trunk release handle operates
	BACK UP LIGHTS	Verify back up lights comes on when placed in reverse
	RADIO OPERATION (CHECK BY PLACING VEHICLE IN REVERSE GEAR)	Radio should operate normally