

INSTALLATION GUIDE

GM SOFT TOUCH NAVIGATION SYSTEM

PART NUMBER: 250-7618

GENERAL APPLICABILITY

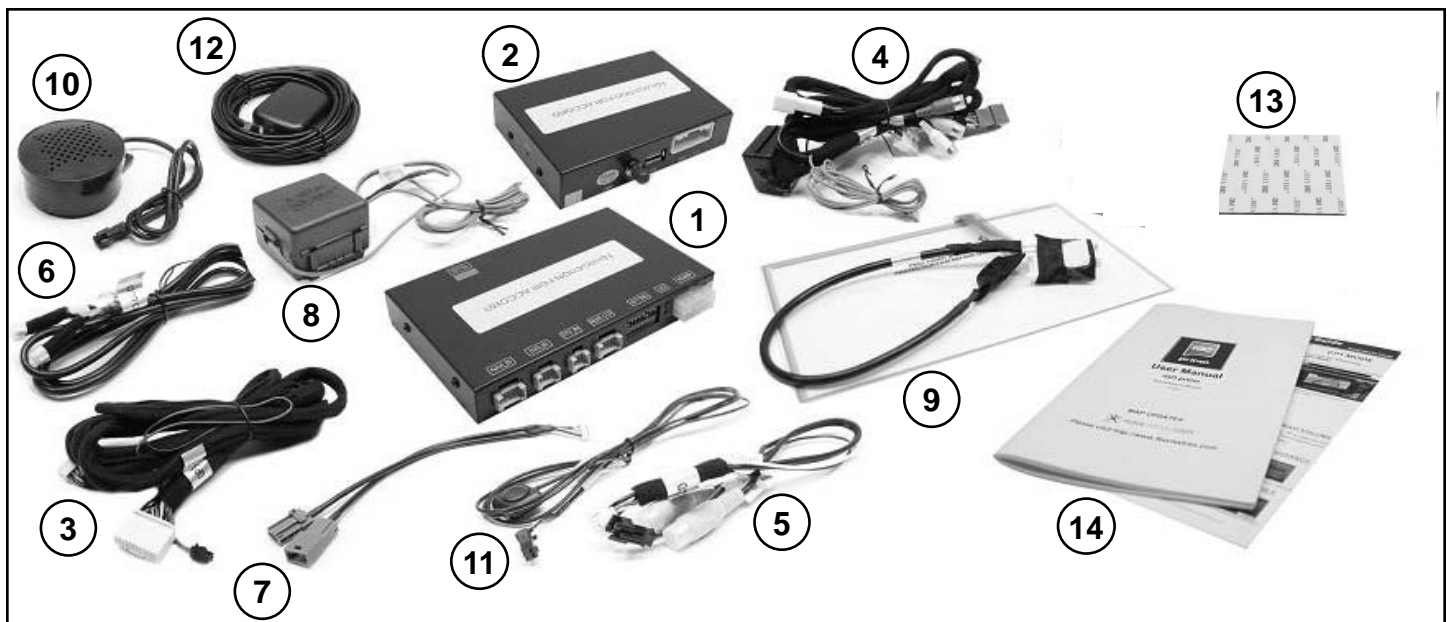
2013 HONDA ACCORD

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	1	NAVIGATION INTERFACE MODULE
2	1	LCD/GPS INTERFACE MODULE
3	1	VEHICLE INTERFACE HARNESS
4	1	MAIN POWER HARNESS
5	1	REAR LCD VIDEO HARNESS
6	1	TO LCD/OEM-IN EXTENSION HARNESS
7	1	GPS POWER HARNESS
8	1	LANE WATCH POWER HARNESS
9	1	LCD TOUCH OVERLAY
10	1	SPEAKER WITH ADHESIVE BASE
11	1	SWITCH BUTTON
12	1	GPS ANTENNA WITH MAGNETIC BASE
13	2	LARGE VHB TAPE
14	1	USER MANUAL

RECOMMENDED TOOLS

PERSONAL & VEHICLE PROTECTION	
MASKING TAPE	
SPECIAL TOOLS	
VOLT-OHM METER	
SOLDERING TOOL	
RECOMMENDED INSTALLATION TOOLS	
TRIM TOOL	
10MM WRENCH	
SHARP KNIFE	
WIRE CUTTERS	
SPECIAL CHEMICALS	



CONFLICTS

NOTE:

HARDWARE KIT CONTENTS

ITEM	QTY	DESCRIPTION

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.



REVISION MARK: THIS MARK HIGHLIGHTS A CHANGE IN INSTALLATION WITH RESPECT TO PREVIOUS ISSUE.

STOP INSTALL AT OWN RISK



YOU MUST READ THESE WARNINGS AND NOTICE BEFORE PRODUCT HANDLING AND INSTALLATION!

PRODUCT AND VEHICLE APPLICATION WARRANTY DISCLAIMER

WARNING! The Navigation Electronic Components are sensitive to Electro-Static Discharge (ESD). DO NOT HANDLE THE NAVIGATION ELECTRONIC COMPONENTS WITHOUT PROPER ESD GROUNDING DURING INSTALLATION. FAILURE TO USE PROPER ESD PROTECTION WHEN HANDLING THE NAVIGATION COMPONENTS WILL VOID THE PRODUCT WARRANTY.

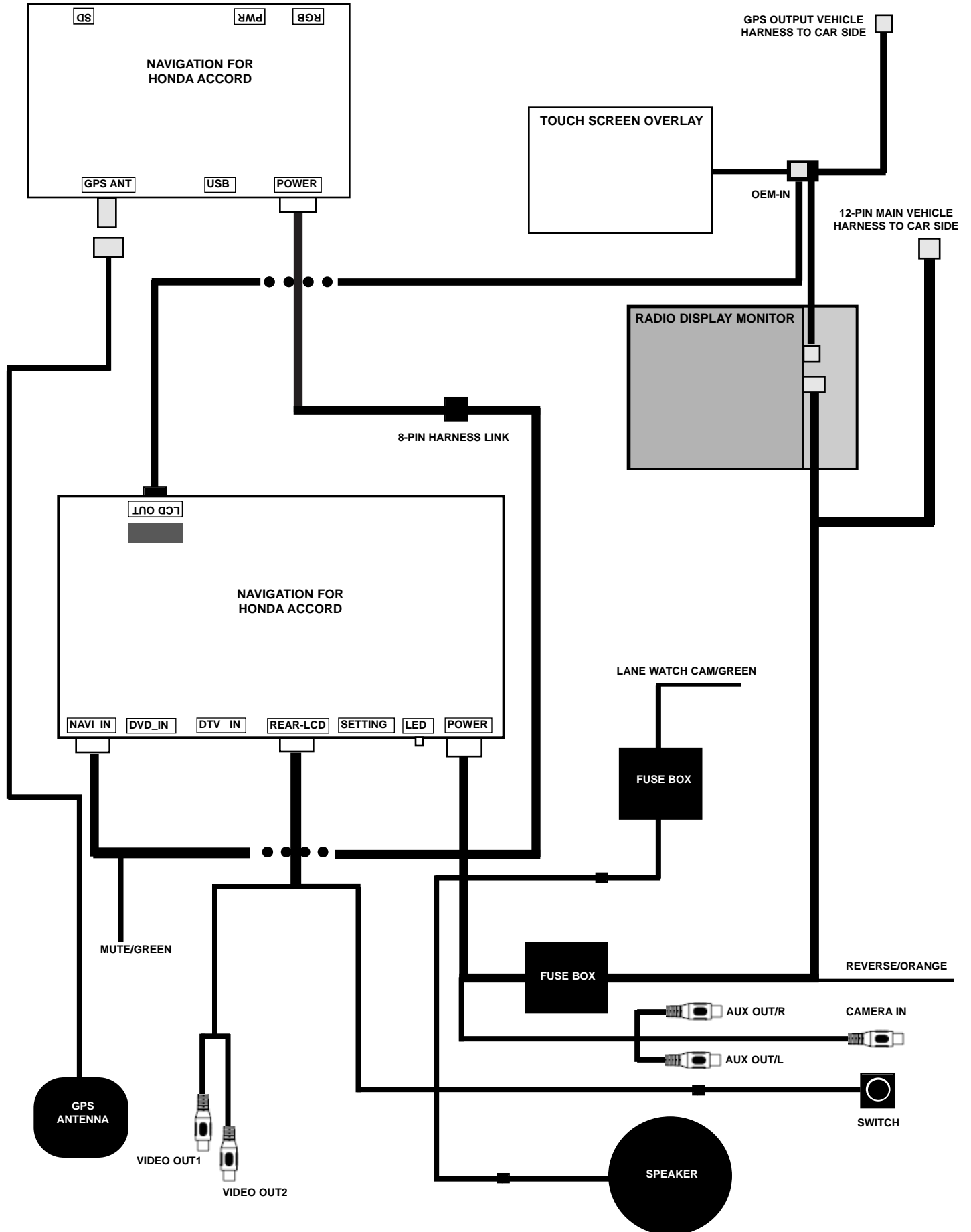
WARNING! Installation of this Navigation Electronics product in the vehicle radio head unit must be performed by a professional technician that is experienced with proper work methods, ESD handling requirements, and knowledgeable of specific procedures for radio disassembly, Navigation Electronics installation, and re-assembly of the vehicle Radio Head Unit as well as proper handling requirements of all components involved. FAILURE TO FOLLOW PROPER DISASSEMBLY, INSTALLATION, AND REASSEMBLY PROCEDURES AND PROPER COMPONENT HANDLING REQUIREMENTS MAY RESULT IN IRREVERSIBLE DAMAGE TO THE VEHICLE RADIO HEAD UNIT AND/OR THE NAVIGATION ELECTRONICS AND WILL VOID THE PRODUCT WARRANTY!

WARRANTY DISCLAIMER NOTICE! Radio removal, disassembly, installation of Navigation Electronics, and Radio re-assembly/re-installation is the responsibility of the installer, not Rostra Precision Controls, Inc. It is recommended that you contract a professional installer that is experienced with proper work methods involving electronics and knowledgeable of specific procedures for radio disassembly, Navigation Electronics installation, and re-assembly/re-installation of the Radio Head Unit in the vehicle. INSTALLATION DAMAGE TO THE VEHICLE RADIO HEAD UNIT IS NOT THE RESPONSIBILITY OF ROSTRA PRECISION CONTROLS, INC. AND IS EXPRESSLY NOT COVERED UNDER THE PRODUCT WARRANTY.

WARNING! THE CLEAR PROTECTIVE COVER WILL NOT BE REPLACED WHEN REINSTALLING THE SCREEN AS IT WILL BLOCK ACCESS TO THE NEWLY ADDED TOUCH SCREEN FEATURES



SYSTEM LAYOUT





WARNING

TO AVOID DANGEROUS DISTRACTIONS THAT MAY LEAD TO AN ACCIDENT, THE DRIVER SHOULD NEVER OPERATE THE SYSTEM WHILE THE VEHICLE IS IN MOTION. BEFORE INSTALLING THIS PRODUCT THE SELLER SHOULD INFORM THE END-USER OF PROPER USE AND COMPLIANCE WITH THE PROPER INSTRUCTIONS AND ALL STATE AND FEDERAL LAWS.

BEFORE BEGINNING YOUR INSTALLATION FAMILIARIZE YOURSELF WITH THE INSTALLATION INSTRUCTIONS AND THE **SoftTouch** NAVIGATION SYSTEM COMPONENTS.

TO ENSURE YOUR SAFETY, **(A)** APPLY THE EMERGENCY BRAKE AND **(B)** READ THIS ENTIRE MANUAL BEFORE BEGINNING.

PROGRAMMING SWITCH SETTINGS

FACTORY OR AFTERMARKET CAMERA SETTINGS

TO USE AN AFTERMARKET CAMERA - PLACE SWITCH #1 IN OFF POSITION.

TO USE THE VEHICLE'S FACTORY CAMERA - PLACE SWITCH #1 IN ON POSITION.

NOTE: INSTALLER IS ADVISED TO DISCONNECT THE NEGATIVE BATTERY TERMINAL AFTER ANY CHANGES ARE MADE TO THE PROGRAMMING SWITCHES ON THE NAVIGATION MODULE.



VEHICLE PREPARATION



1. IT IS ADVISABLE TO DISCONNECT THE NEGATIVE BATTERY CABLE FOR 3 MINUTES BEFORE BEGINNING INSTALLATION TO AVOID DAMAGE TO THE RADIO AND UNINTENDED AIR-BAG DEPLOYMENT.

FIGURE 1

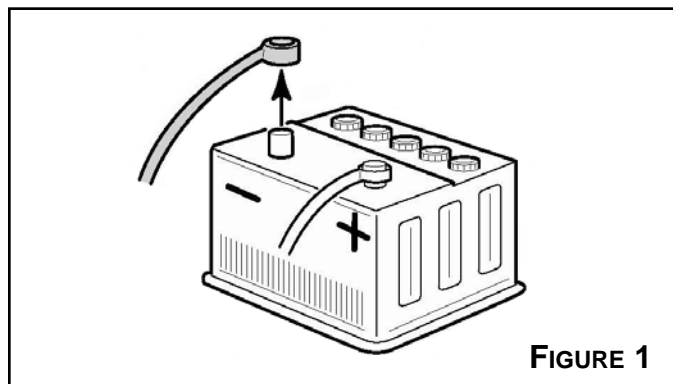


FIGURE 1

2. USE A TRIM TOOL TO DISENGAGE CLIPS AND REMOVE TRIM PANELS ON BOTH SIDES OF THE GEAR SHIFT IN THE CENTER CONSOLE AREA. **FIGURE 2**



FIGURE 2

3. REMOVE TWO SCREWS TO RELEASE THE CONSOLE STORAGE COMPARTMENT AWAY FROM THE CENTER CONSOLE. **FIGURE 3**



FIGURE 3

4. USE AN 8MM SOCKET TO REMOVE TWO RADIO MOUNTING BOLTS IN THE AREA ABOVE THE PREVIOUSLY REMOVED STORAGE COMPARTMENT. **FIGURE 4**



FIGURE 4

VEHICLE PREPARATION CONTINUED...



5. REMOVE THE AC VENT TRIM PANEL FROM THE DASHBOARD AT THE LEFT SIDE OF THE STEERING COLUMN. **FIGURE 5** THEN REMOVE THE AMBIENT AIR SENSOR TRIM PANEL AT THE RIGHT SIDE OF THE STEERING COLUMN AND DISCONNECT CONNECTOR.



FIGURE 5

6. REMOVE 6 SCREWS FROM THE DASHPANEL TRIM ABOVE THE INSTRUMENT CLUSTER AT THE LEFT AND RIGHT SIDE OF THE STEERING COLUMN AND ABOVE THE RADIO DISPLAY ASSEMBLY. **FIGURE 6**

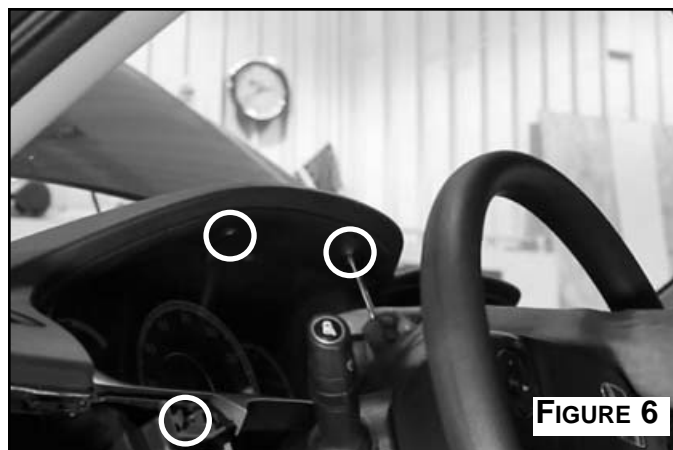


FIGURE 6

7. USE A TRIM TOOL AND CAREFULLY PRY UP TO REMOVE THE TRIM PANEL ABOVE THE RADIO. **FIGURE 7**



FIGURE 7

8. REMOVE THE TWO UPPER RETAINING SCREWS HOLDING THE RADIO IN PLACE. **FIGURE 8**



FIGURE 8

VEHICLE PREPARATION CONTINUED...



9. CAREFULLY REMOVE RADIO AWAY FROM THE DASHBOARD. DISCONNECT ALL CONNECTORS FROM TOP AND BOTTOM SIDE OF THE RADIO. **FIGURE 9**



NOTE: USE A PROTECTIVE COVER BETWEEN THE METAL BRACKETS OF THE RADIO AND DASHBOARD TO AVOID SCRATCHING THE DASHBOARD PANELS.



FIGURE 9

10. CAREFULLY REMOVE THE DASHBOARD TRIM PANEL AWAY FROM THE DASHBOARD PULLING FORWARD TO RELEASE. **FIGURE 10**



FIGURE 10

11. REMOVE 3 SCREWS HOLDING THE RADIO DISPLAY ASSEMBLY IN PLACE. LEAN IT DOWNWARDS TO DISCONNECT ITS CONNECTORS AND REMOVE THE DISPLAY AWAY FROM THE DASHBOARD. **FIGURE 11**

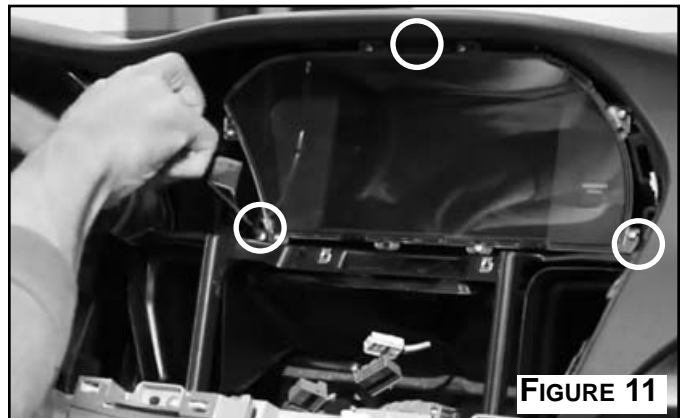


FIGURE 11

LCD TOUCH OVERLAY



1. REMOVE 7 SCREWS HOLDING THE CLEAR PROTECTIVE COVER TO THE LCD SCREEN HOUSING. **FIGURE 12**

NOTE: THE CLEAR PROTECTIVE COVER WILL NOT BE REPLACED WHEN REINSTALLING THE SCREEN AS IT WILL BLOCK ACCESS TO THE NEWLY ADDED TOUCH SCREEN FEATURES.

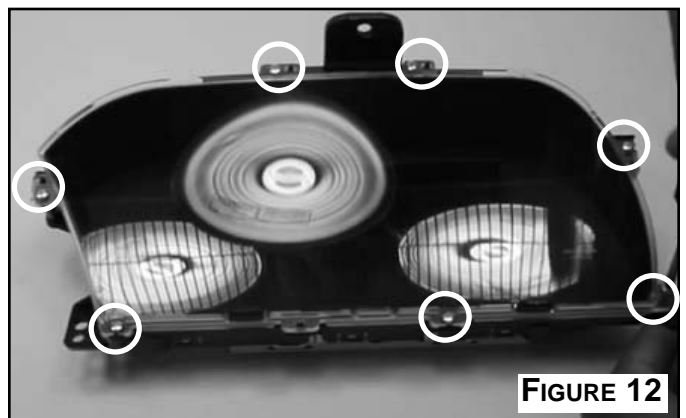


FIGURE 12

LCD TOUCH OVERLAY CONTINUED...



2. TURN OVER THE LCD SCREEN AND REMOVE 4 SCREWS HOLDING THE LCD SCREEN IN PLACE. **FIGURE 13.** THEN CAREFULLY RELEASE TABS AND LIFT THE LCD SCREEN AWAY FROM THE MOUNTING ASSEMBLY.

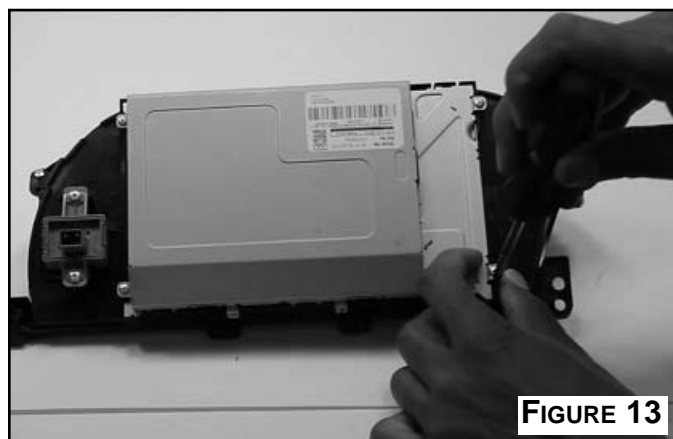


FIGURE 13

3. PEEL OFF THE PROTECTIVE COVER OF THE TOUCH SCREEN OVERLAY. **FIGURE 14**

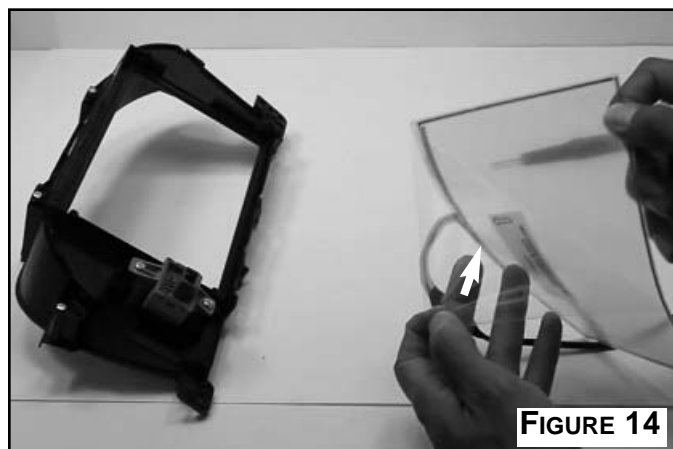


FIGURE 14

4. PLACE THE TOUCH SCREEN OVERLAY INTO THE FRAME OF THE LCD MOUNTING ASSEMBLY. **FIGURE 15**

NOTE: BE SURE THE FRONT SIDE OF THE TOUCH SCREEN OVERLAY IS FACING FORWARD IN THE LCD MOUNTING ASSEMBLY. NOTICE THE “FRONT” AND “BACK” LABELS ON THE PROTECTIVE COVER.

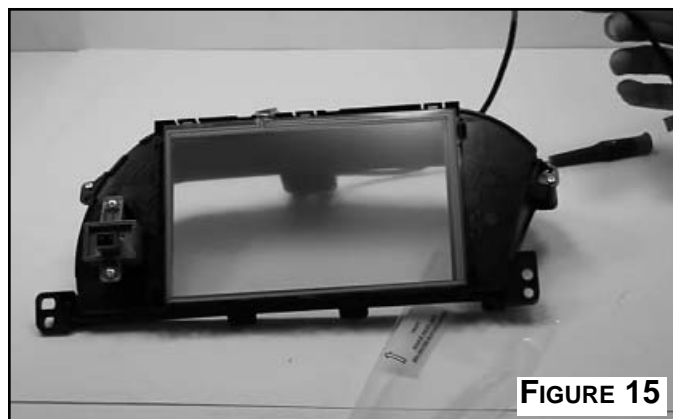


FIGURE 15

5. PLACE THE LCD SCREEN BACK INTO THE MOUNTING ASSEMBLY AND REINSTALL 4 SCREWS PREVIOUSLY REMOVED. **FIGURE 16**

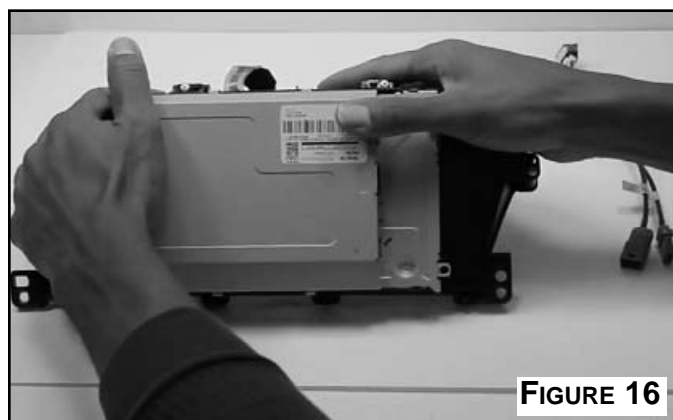


FIGURE 16

NAV INTERFACE MODULE CONNECTIONS



1. ROUTE THE 24-PIN CONNECTOR OF THE VEHICLE INTERFACE HARNESS LABELED **GPS / POWER INPUT** AND THE GPS ANTENNA HARNESS BEHIND INSTRUMENT CLUSTER AND DOWN TO DRIVER SIDE LOWER DASH PANEL AREA. **FIGURE 17** PEEL OFF THE LINER FROM THE SUPPLIED VHB TAPE AND APPLY TO THE SMALL NAVIGATION INTERFACE MODULE.



FIGURE 17

2. CONNECT THE 24-PIN CONNECTOR OF THE VEHICLE INTERFACE HARNESS AND THREAD THE GPS ANTENNA TO THE PORT OF THE THE SMALL NAVIGATION INTERFACE MODULE. **FIGURE 18**



FIGURE 18

3. CONNECT SPEAKER TO THE SPEAKER EXTENSION HARNESS. **FIGURE 19**



FIGURE 19

4. PEEL OFF THE LINER FROM THE VHB TAPE OF THE SMALL NAVIGATION INTERFACE MODULE AND FIRMLY PRESS THE MODULE IN PLACE BEHIND THE CENTER CONSOLE PANEL TO THE RIGHT OF THE ACCELERATOR PEDAL. THEN PEEL OFF THE PROTECTIVE LAYER OF ADHESIVE ON THE SPEAKER AND MOUNT IT BEHIND THE LOWER DASH PANEL. **FIGURE 20**

NOTE: MOUNTING THE NAVIGATION MODULE IN THIS AREA WILL ALLOW EASY ACCESS FOR FUTURE MAP UPDATES. THE SPEAKER CAN BE MOUNTED IN OTHER SUITABLE LOCATIONS BY THE INSTALLER.

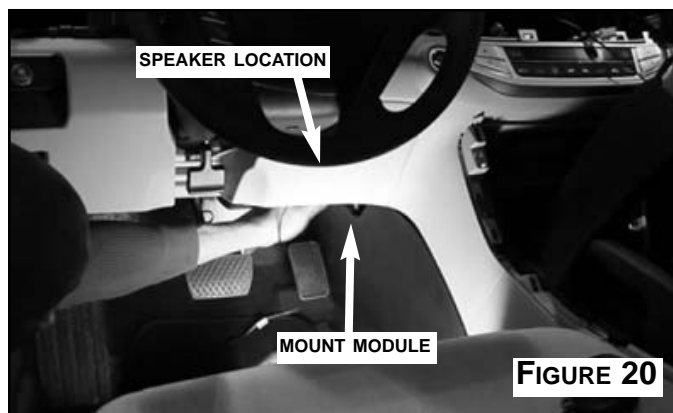


FIGURE 20

NAV INTERFACE MODULE CONNECTIONS

CONTINUED



5. PEEL OFF THE LINER FROM THE SUPPLIED VHB TAPE AND APPLY TO THE LARGE NAVIGATION INTERFACE MODULE. CONNECT THE 10-PIN CONNECTOR OF THE MAIN POWER HARNESS, THE REAR LCD HARNESS, AND 12-PIN CONNECTOR FROM THE VEHICLE INTERFACE HARNESS TO LARGE NAVIGATION INTERFACE MODULE. **FIGURE 21**



FIGURE 21

6. CONNECT THE MATING 8-PIN CONNECTORS OF THE MAIN POWER HARNESS AND VEHICLE INTERFACE HARNESS LABELED POWER/POWER INPUT. **FIGURE 22**



FIGURE 22

7. CONNECT THE PINK COLOR-CODED HARNESS LABELED TO LCD FROM THE TO LCD/OEM-IN HARNESS TO THE PORT OF LARGE NAVIGATION INTERFACE MODULE. **FIGURE 23**



FIGURE 23

8. PEEL OFF THE LINER FROM THE VHB TAPE OF THE LARGE NAVIGATION INTERFACE MODULE AND PRESS THE MODULE FIRMLY IN PLACE BEHIND THE FACTORY LCD SCREEN MOUNTING LOCATION. THEN BUNDLE AND PLACE ALL WIRING HARNESSES (EXCEPT SWITCH BUTTON HARNESS) IN THIS AREA ALSO. **FIGURE 24**



FIGURE 24

NAV INTERFACE MODULE CONNECTIONS

CONTINUED



9. CONNECT THE YELLOW COLOR-CODED HARNESS LABELED OEM-IN FROM THE TO LCD/OEM-IN HARNESS TO THE PORT OF THE TOUCH SCREEN OVERLAY. CONNECT THE 6-PIN CONNECTOR FROM THE GPS POWER HARNESS TO THE PORT OF THE TOUCH SCREEN OVERLAY. **FIGURE 25**

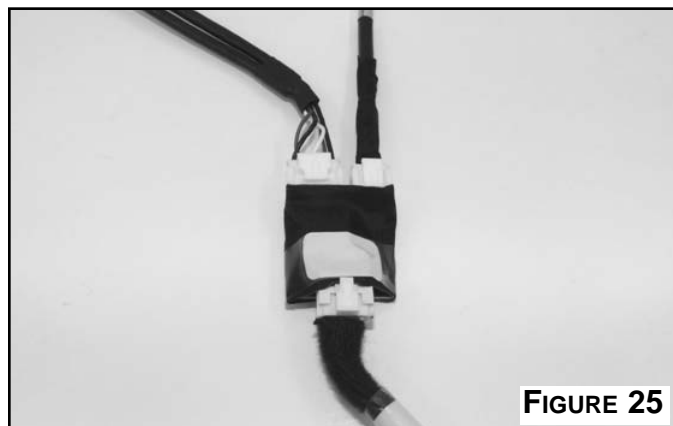


FIGURE 25

10. MOUNT THE GPS ANTENNA IN THE AREA BEHIND THE INSTRUMENT CLUSTER. **FIGURE 26**

NOTE: THE GPS ANTENNA CAN BE MOUNTED IN OTHER SUITABLE LOCATIONS (TOP SIDE OF DASH, VEHICLE ROOF, ETC.) BY THE INSTALLER.

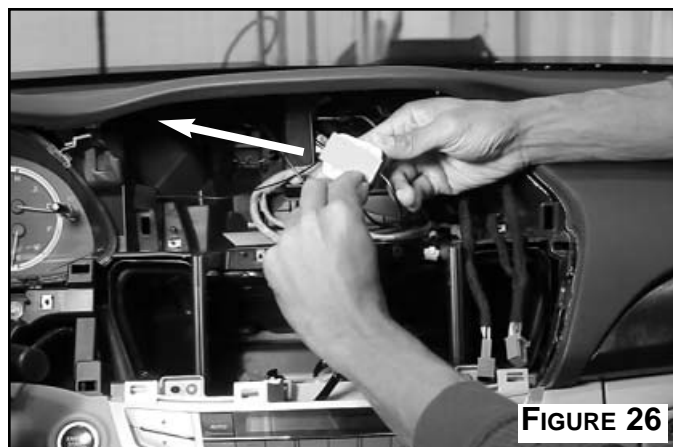


FIGURE 26

11. CONNECT THE GRAY PLUG & PLAY CONNECTORS OF THE GPS POWER HARNESS TO THE FACTORY WIRING HARNESSES. **FIGURE 27**



FIGURE 27

12. CONNECT THE GRAY PLUG & PLAY CONNECTORS OF THE GPS POWER HARNESS TO THE RADIO DISPLAY ASSEMBLY. **FIGURE 28**



FIGURE 28

INSTALLATION

SWITCH LOCATION



1. CONNECT THE SWITCH BUTTON TO THE SWITCH HARNESS. PEEL OFF THE PROTECTIVE LAYER OF ADHESIVE AND MOUNT THE SWITCH BUTTON TO THE PANEL ABOVE THE RADIO. **FIGURE 28**

NOTE: THE SWITCH BUTTON CAN BE MOUNTED IN OTHER SUITABLE LOCATIONS BY THE INSTALLER.



FIGURE 28

REASSEMBLY



1. REINSTALL TRIM PANEL SURROUNDING THE RADIO DISPLAY ASSEMBLY TAKING SPECIAL CARE TO ENSURE HARNESSES AND WIRING CONNECTIONS ARE PROPERLY SECURED WITH WIRE TIES.

2. MAKE SURE HARNESSES ARE NOT PINCHED BY TRIM PANEL.

3. RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.

TESTING



1. RECONNECT THE NEGATIVE SIDE OF BATTERY AND TURN ON VEHICLE'S IGNITION.

2. PRESS THE SWITCH BUTTON TO SWITCH FROM FACTORY TOUCH SCREEN INTERFACE TO THE SOFT TOUCH NAVIGATION SYSTEM.

FIGURE 29

NOTE: IF INSIDE, MOVE THE VEHICLE OUTSIDE SO THAT THE GPS ANTENNA HAS A CLEAR VIEW OF THE SKY.



FIGURE 29

3. TO RETAIN FACTORY CAMERA, CONNECT ORANGE REVERSE WIRE TO BACKUP LIGHT CIRCUIT OF VEHICLE

4. VIEW QUICK START GUIDE PROVIDED IN KIT AND CHECK THE SOFT TOUCH NAVIGATION SYSTEM FEATURES.