

PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	2508628/2508629	INTERFACE ADAPTER HARNESS
2	1	250-8147	CMOS REAR CAMERA ASSEMBLY CAMERA EXTENSION HARNESS
3	1	2508598	SACK PARTS: TIE STRAPS, SACK PARTS: TIE STRAPS,



***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. USE A TRIM TOOL TO DISENGAGE THE 4 CLIPS AND REMOVE THE AIR CONDITIONER CONTROL ASSEMBLY. DISCONNECT ALL CONNECTORS. **FIGURE 1**



FIGURE 1

2. REMOVE 4 SCREWS AS SHOWN TO RELEASE THE RADIO RECEIVER ASSEMBLY WITH BRACKET. **FIGURE 2**

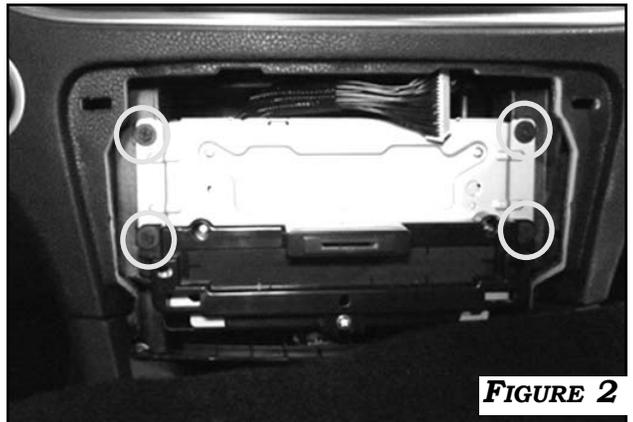


FIGURE 2

3. DISENGAGE CLIPS TO REMOVE THE FRONT DRIVER SIDE DOOR SCUFF PLATE. **FIGURE 3**

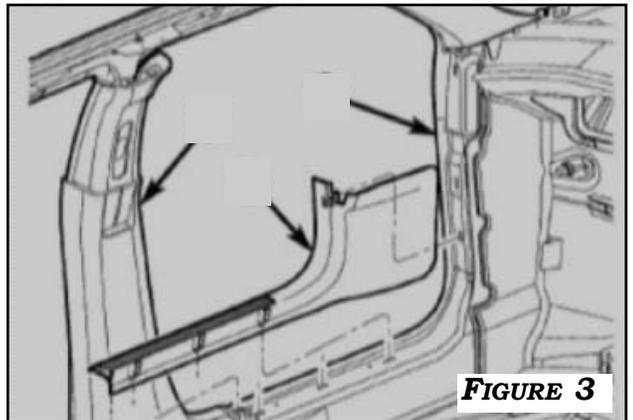


FIGURE 3

4. DISENGAGE CLIPS TO REMOVE THE REAR DOOR SCUFF PLATE. **FIGURE 4**. REMOVE CARPET FROM TRUNK AREA AND REMOVE LICENSE PLATE LIGHT ASSEMBLY.

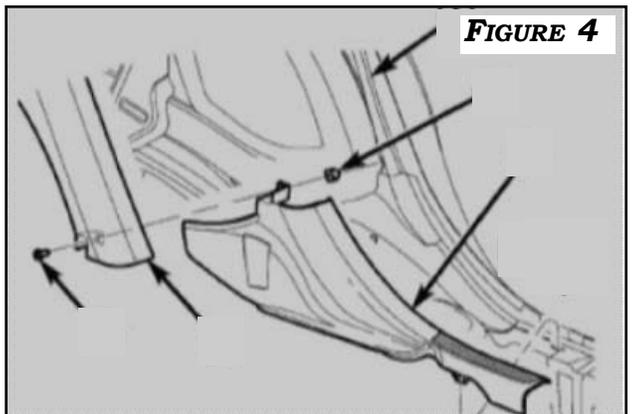


FIGURE 4

INSTALLATION

INSTALLING INTERFACE HARNESS



1. REMOVE BLACK 22-PIN CONNECTOR HARNESS BEHIND THE RADIO RECEIVER AT THE BOTTOM RIGHT OF THE HOUSING.

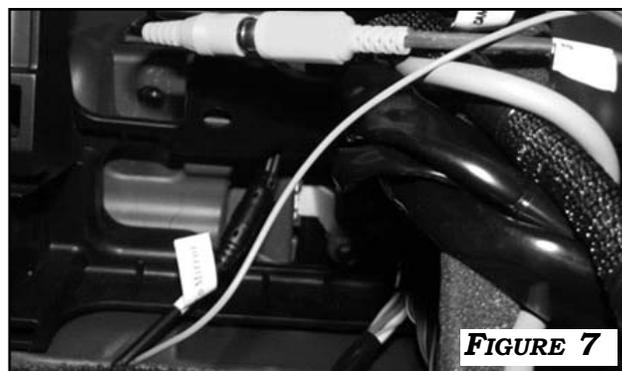
FIGURE 5



2. CONNECT THE **INTERFACE ADAPTER HARNESS** INTO RADIO RECEIVER CONNECTOR HOUSING. THEN CONNECT THE REMOVED BLACK CONNECTOR HARNESS INTO THE MATING CONNECTOR OF THE INTERFACE ADAPTER HARNESS. **FIGURE 6**



4. CONNECT **MALE RCA** VIDEO CONNECTOR OF CAMERA EXTENSION HARNESS TO **VIDEO** INPUT (YELLOW CONNECTOR) OF INTERFACE ADAPTER HARNESS. WRAP **RCA** CONNECTORS WITH THE FOAM TAPE PROVIDED. **FIGURE 7**. ROUTE CAMERA EXTENSION HARNESS FROM INTERFACE ADAPTER HARNESS TO THE DRIVER'S SIDE KICK PANEL AREA AND THROUGH FRONT AND REAR DOOR SCUFF PLATES.



INSTALLATION

ROUTING HARNESS AND MOUNTING CAMERA



1. SEE THE CAMERA EXTENSION HARNESS AND CAMERA ASSEMBLY HARNESS ROUTING IN **FIGURE 8**. LOCATE THE LICENSE PLATE ACCESS HOLE AND LEFT SIDE GROMMET BEHIND CARPET. USE THE EXISTING WIRING WITH WIRE CLIPS TO SECURE HARNESSES.

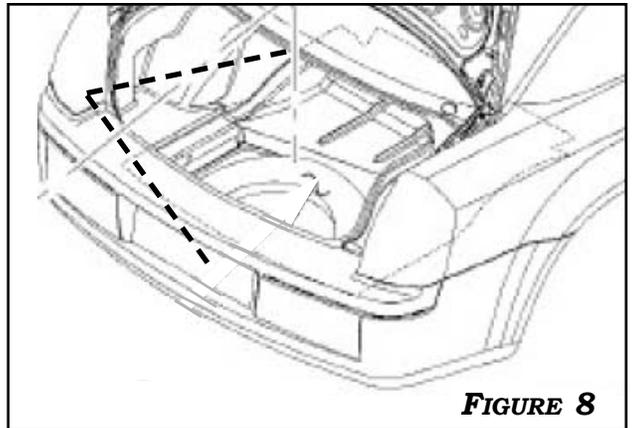


FIGURE 8

2. DRILL A 5/16" (8MM) HOLE IN THE AREA TO THE RIGHT OF THE LICENSE PLATE LIGHT ASSEMBLY (DODGE CHARGER SHOWN). **FIGURE 9**. FOR DODGE JOURNEY, LOCATE AN AREA CLOSE TO REAR CENTER OF THE VEHICLE TO MOUNT THE CAMERA. BE SURE THAT THE LOCATION CHOSEN IS ACCESSIBLE FROM THE INTERIOR OF THE VEHICLE TO PROVIDE ACCESS TO SCREW ON THE NUT FOR THE CAMERA.

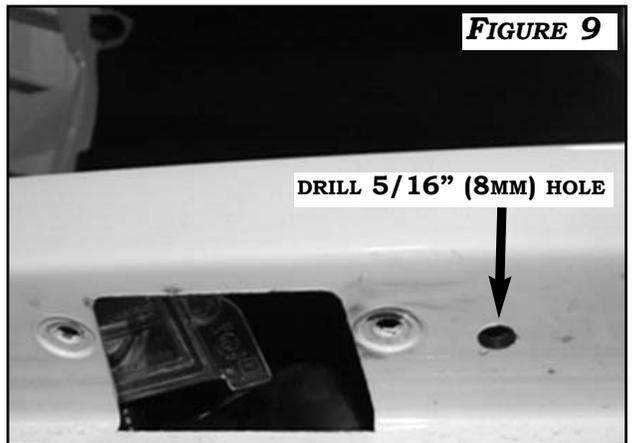


FIGURE 9

3. USE THE PROVIDED TWO SIDED TAPE AND INSERT STUD TO MOUNT **CAMERA ASSEMBLY** INTO THE PREVIOUSLY DRILLED HOLE. **FIGURE 10**



FIGURE 10

INSTALLATION

CAMERA CONNECTIONS



1. CONNECT THE CAMERA EXTENSION HARNESS TO THE CAMERA ASSEMBLY CONNECTOR IN THE TRUNK AREA. **FIGURE 11.** SECURE THE CONNECTOR WITH FOAM TAPE. USING THE SUPPLIED T-TAPS AND MALE SPADE TERMINALS, CONNECT THE **RED WIRE** LEAD FROM THE CAMERA EXTENSION HARNESS TO +12 VOLTS IGNITION POWER. CONNECT THE **BLACK WIRE** LEAD TO GROUND.



FIGURE 11

2. CUT THE GREEN WIRE AND ISOLATE BOTH HALVES OF THE WIRE TO DISABLE THE GRIDLINES OVERLAID ONTO THE VIDEO FEED OF THE CAMERA BY DEFAULT. **FIGURE 12**

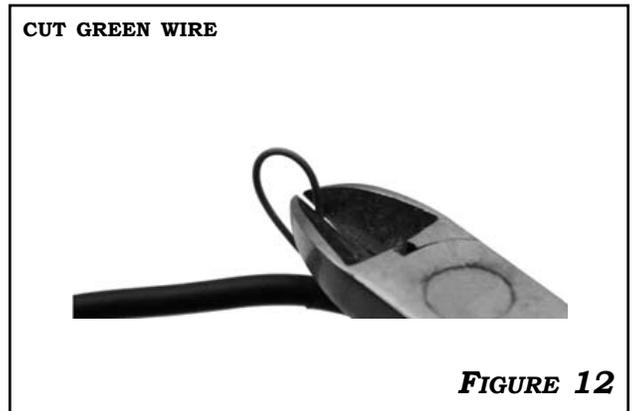


FIGURE 12

4. IF THE CAMERA ORIENTATION IS DESIRED AS SHOWN IN **FIGURE 13**, THE WHITE WIRE FROM THE CAMERA HARNESS WILL NEED TO BE CUT AND ISOLATED IN ORDER TO FLIP THE VIDEO IMAGE UPRIGHT.

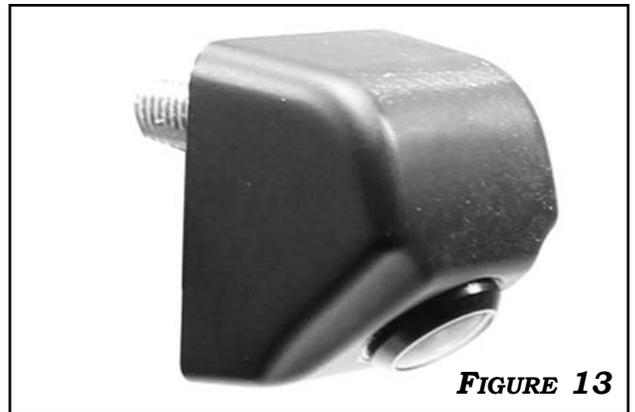


FIGURE 13

5. CUT THE **WHITE WIRE** AND ISOLATE BOTH HALVES OF THE WIRE TO FLIP THE VIDEO IMAGE TO MATCH THE ORIENTATION OF THE CAMERA. **FIGURE 14**

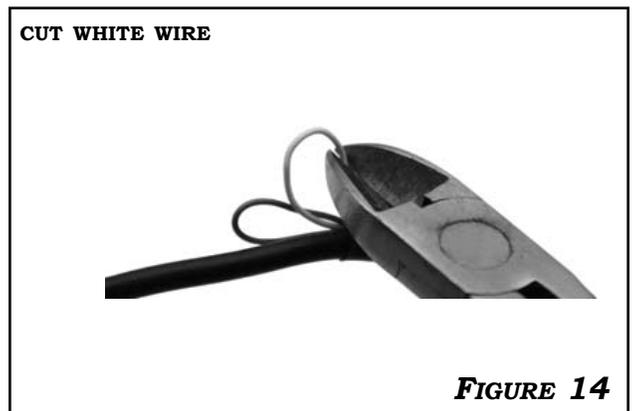


FIGURE 14

TESTING AND REASSEMBLY

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.

REASSEMBLY



1. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESES AND WIRING CONNECTIONS ARE PROPERLY SECURED.

2. BE SURE HARNESS IS NOT PINCHED OR BOUND BY TRIM PIECES.

3. RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.

DEALER ACTIVATION INSTRUCTIONS: REAR BACK-UP CAMERA VEHICLE CONFIGURATION

VEHICLE VIN MUST BE UPDATED WITH THE SALES CODE OF THE ADDED ACCESSORY IN ORDER TO ENABLE SYSTEM FUNCTIONALITY. USING THE DEALERCONNECT WEBSITE AND THE STARSCAN DIAGNOSTIC TOOL, COMPLETE THE PROCEDURE BELOW:

1. LOG ON TO [HTTPS://DEALERCONNECT.CHRYSLER.COM](https://dealerconnect.chrysler.com)
2. IN THE "VEHICLE OPTION" SCREEN UNDER THE "GLOBAL CLAIMS SYSTEM" CATEGORY IN THE "SERVICE" TAB, ENTER THE VEHICLE VIN AND ADD THE SALES CODE XAC (PARK VIEW REAR BACK-UP CAMERA) AS A "DEALER INSTALLED OPTION".
3. CONFIRM THAT THE NEW SALES CODE HAS BEEN SUCCESSFULLY ADDED TO THE VIN.
WITH THE STARSCAN DIAGNOSTIC TOOL CONNECTED TO BOTH THE INTERNET (VIA ETHERNET PORT OR WIRELESS CONNECTION) AND THE VEHICLE, FOLLOW THE STEPS BELOW:
4. USING THE STARSCAN SELECT THE VEHICLE PREPARATION AND THEN SELECT RESTORE VEHICLE CONFIGURATION.
5. FOLLOW THE STEP BY STEP INSTRUCTIONS ON THE STARSCAN TO COMPLETE THE PARK VIEW REAR BACK-UP CAMERA VEHICLE CONFIGURATION.
6. WHEN THE PARK VIEW REAR BACK-UP CAMERA VEHICLE CONFIGURATION IS COMPLETE, GO TO THE VALIDATION PROCESS TO VERIFY THAT THE VEHICLE HAS BEEN UPDATED.

VALIDATION PROCESS

FROM THE "INITIAL START UP" SCREEN ON THE STARSCAN FOLLOW THE STEPS BELOW:

1. USING THE STARSCAN FOLLOW THE MENU TO ECU VIEW, SELECT TIPMCGW CENTRAL GATEWAY, MORE OPTIONS, ECU DETAILS AND THEN CONFIG INFO
2. VERIFY REAR CAMERA PRESET- - -SET IS PRESENT.

