

(09-12) DODGE RAM PART #250-8408/C

(13-CURRENT) DODGE RAM PART #250-8407/C

*REQUIRES CHRYSLER/DODGE DEALER ACTIVATION

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	1	INTERFACE ADAPTER HARNESS
2	1	REAR CAMERA ASSEMBLY
3	1	CAMERA EXTENSION HARNESS
4	1	SACK PARTS

HARDWARE BAG CONTENTS

ITEM	QTY	DESCRIPTION
1	10	WIRE TIES
2	3	ADHESIVE FOAM
3	1	SEALING PUTTY
4	1	ALCOHOL PAD

ADDITIONAL ITEMS REQUIRED FOR INSTALL

ITEM	QTY	DESCRIPTION
1	N/A	ELECTRICAL TAPE
2		
3		
4		

CONFLICTS

NOTE:

RECOMMENDED TOOLS

SAFETY TOOLS		
SPECIAL TOOLS		
INSTALLATION TOOLS		
FASTENER REMOVAL TOOL	WIRE CUTTERS	
TRIM REMOVAL TOOL		
10-MM DEEP SOCKET		
SPECIAL CHEMICALS		

COLOR APPLICABILITY/TRIM LEVEL

ACCESSORY COLOR	VEHICLE TRIM COLOR											







GENERAL APPLICABILITY

VEHICLES WITH 8.4" TOUCHSCREEN DISPLAY

RECOMMENDED SEQUENCE OF APPLICATION

* MANDATORY

LEGEND

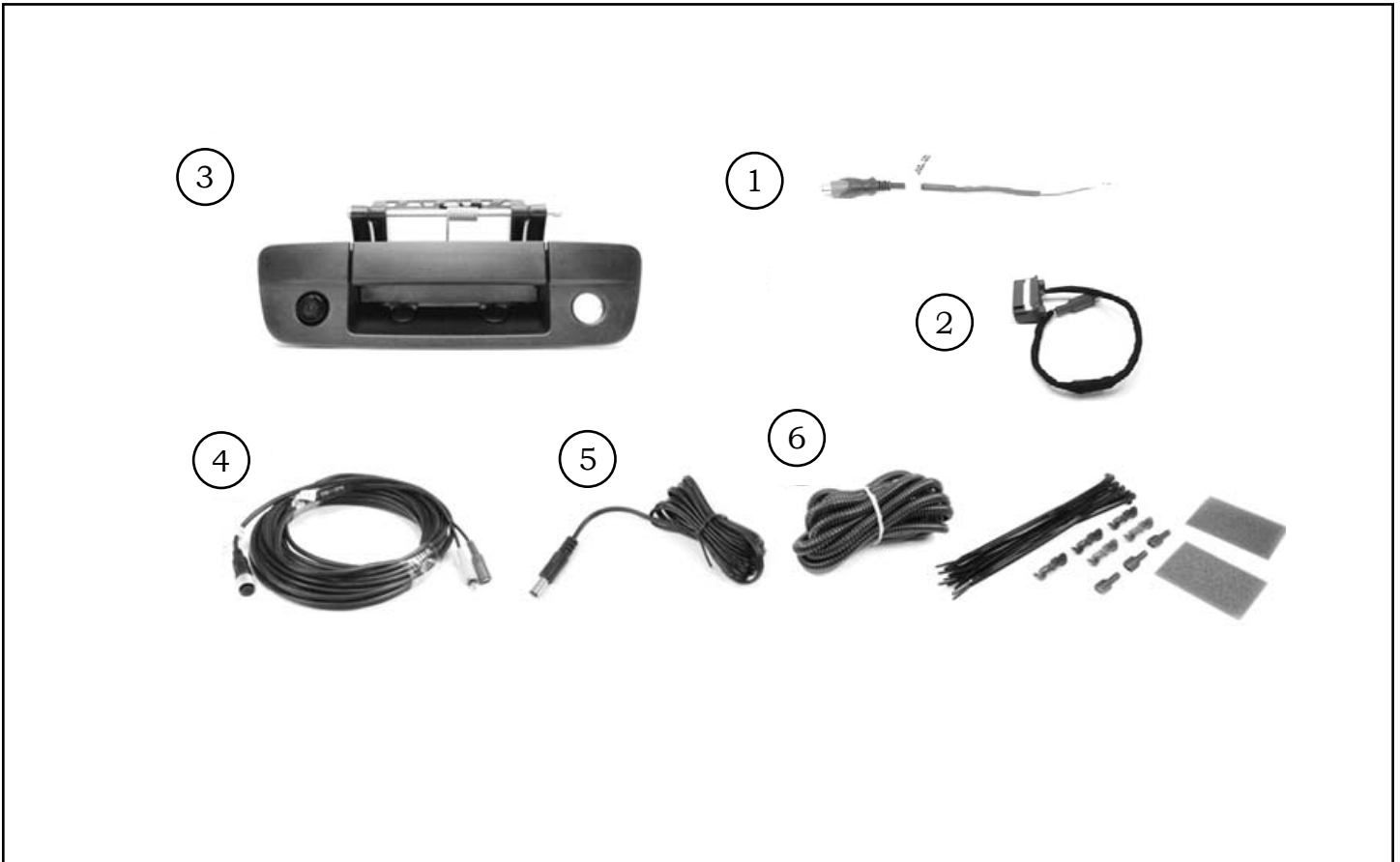
-  **STOP:** DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.
-  **OPERATOR SAFETY:** USE CAUTION TO AVOID RISK OF INJURY.
-  **CRITICAL PROCESS:** PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.
-  **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.
-  **REVISION 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	N/A	13-INTERFACE HARNESS
2	1	N/A	09-12 INTERFACE HARNESS
3	1	250-8601	CMOS REAR CAMERA ASSEMBLY
4	1	250-8550	CAMERA EXTENSION HARNESS
5	1	250-8505	MALE DC POWER HARNESS
6		250-8598	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

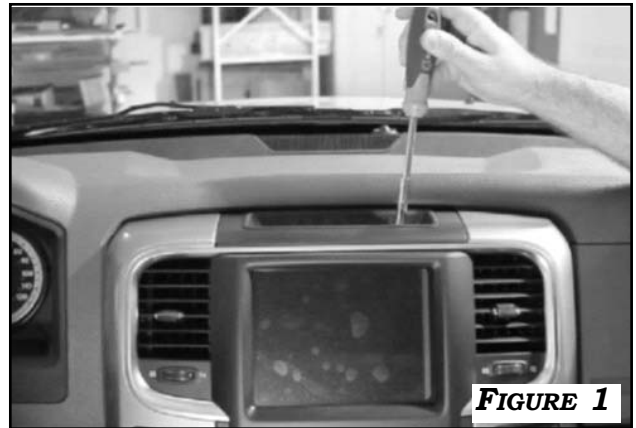


1. REMOVE RUBBER MAT FROM COIN TRAY AT THE TOP OF THE RADIO DISPLAY ASSEMBLY TO ACCESS SCREWS FROM UNDERNEATH. REMOVE TWO SCREWS AT THE BOTTOM OF COIN TRAY. **FIGURE 1**

2. USE A TRIM TOOL TO DISENGAGE CLIPS AND REMOVE THE TRIM PANEL SURROUNDING THE RADIO DISPLAY ASSEMBLY. DISCONNECT ALL CONNECTORS. **FIGURE 2**

3. REMOVE 4 SCREWS AS SHOWN TO RELEASE THE RADIO DISPLAY ASSEMBLY. **FIGURE 3**

4. DISENGAGE CLIPS TO REMOVE THE FRONT DRIVER SIDE DOOR SCUFF PLATE. **FIGURE 4**



VEHICLE PREPARATION

VEHICLE PREPARATION CONTINUED...



5. REMOVE 8 SCREWS TO RELEASE THE TAIL GATE PANEL TO ACCESS TAIL GATE HANDLE COMPONENTS. **FIGURE 5**

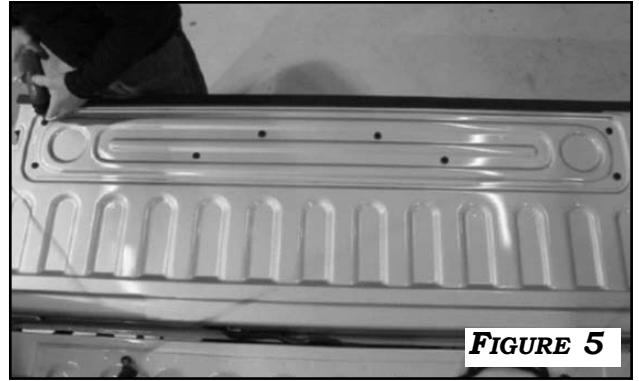


FIGURE 5

6. REMOVE 2 BOLTS AND ROD CLIPS TO RELEASE THE TAIL GATE HANDLE ASSEMBLY. **FIGURE 6**

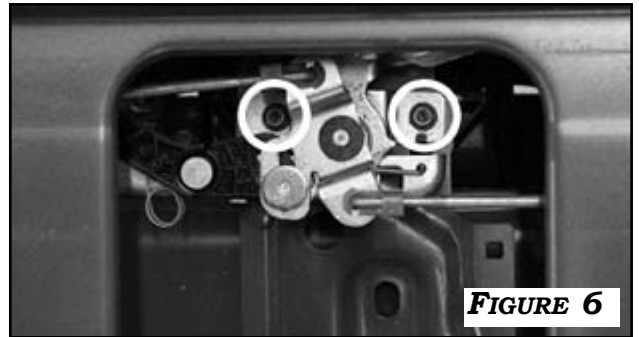


FIGURE 6

7. REMOVE BOLTS FROM LOCK CYLINDER ON EXISTING HANDLE AND APPLY TO REAR CAMERA ASSEMBLY **FIGURES 7A & 7B**

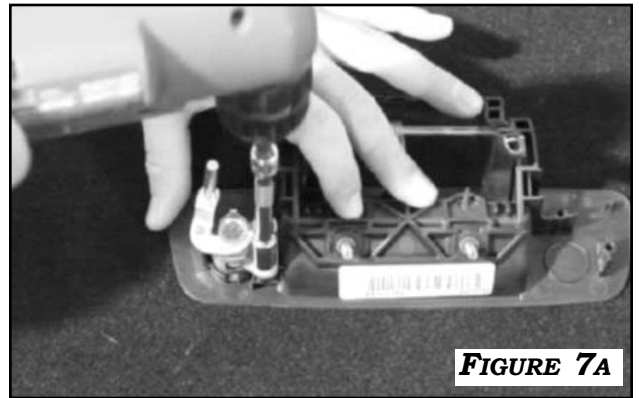


FIGURE 7A

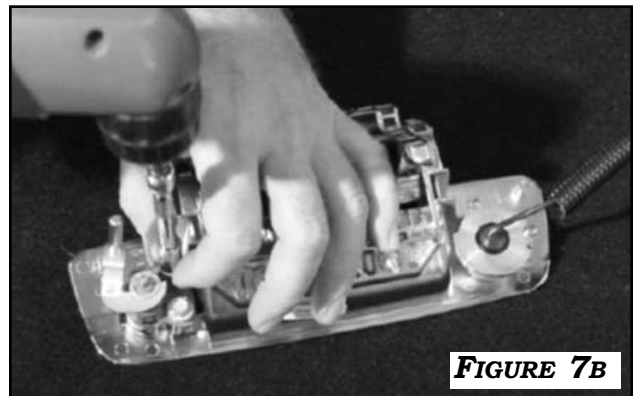


FIGURE 7B

INSTALLATION

INSTALLING INTERFACE HARNESS



1. 13-CURRENT VEHICLES: REMOVE BLACK 52-PIN CONNECTOR HARNESS BEHIND THE RADIO DISPLAY ASSEMBLY. **FIGURE 8**

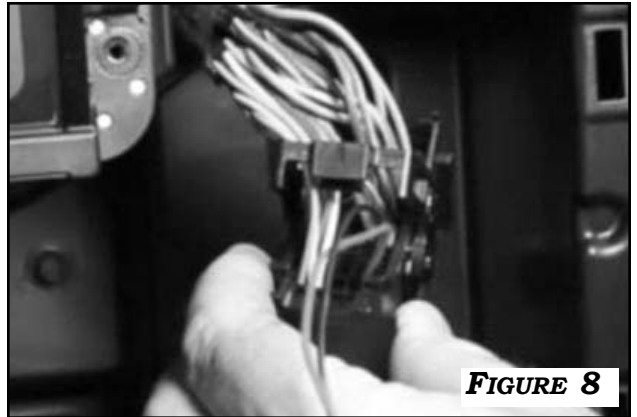


FIGURE 8

2. INSERT THE RED +VIDEO WIRE OF THE INTERFACE ADAPTER HARNESS INTO PIN 31 OF THE 52-PIN CONNECTOR. THEN INSERT THE BLACK -VIDEO WIRE IN PIN 32. FIGURE 9

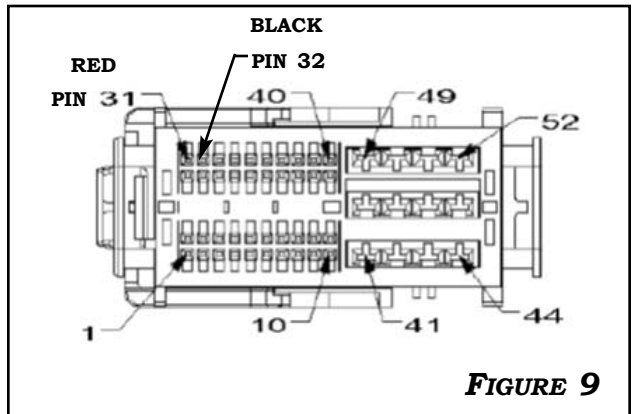


FIGURE 9

3. 09-12 VEHICLES: CONNECT INTERFACE ADAPTER HARNESS INTO GRAY 22-PIN CONNECTOR HOUSING BEHIND RADIO. **FIGURE 10**

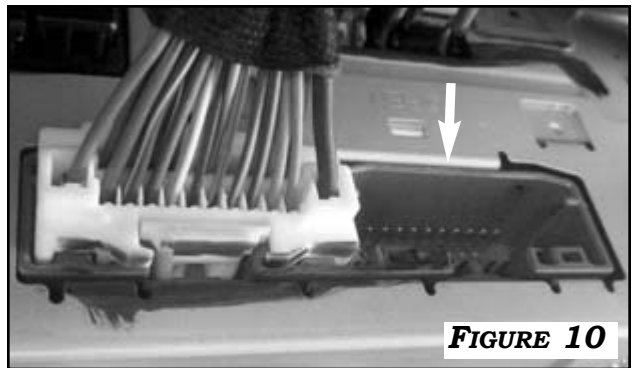


FIGURE 10

4. CONNECT MALE RCA VIDEO (YELLOW) CONNECTOR OF CAMERA EXTENSION HARNESS TO VIDEO INPUT CONNECTOR OF THE INTERFACE ADAPTER HARNESS. CONNECT THE FEMALE DC POWER (RED) CONNECTOR OF THE CAMERA EXTENSION HARNESS TO THE MALE DC POWER HARNESS PROVIDED IN KIT. WRAP RCA AND VIDEO CONNECTORS WITH THE FOAM TAPE PROVIDED. ROUTE CAMERA EXTENSION HARNESS AND MALE DC POWER HARNESS TO THE DRIVER'S SIDE KICK PANEL AREA.

5. LOCATE BLACK CONNECTOR NEAR FIREWALL UNDERNEATH DRIVER SIDE LOWER DASH PANEL AREA. CONNECT BLACK/WHITE WIRE OF MALE DC POWER HARNESS TO RED/WHITE IGNITION WIRE IN PIN 5 OF BLACK CONNECTOR. FIGURE 11. LOCATE VEHICLE GROUND POINT LOWER DASH END PANEL FRAME AREA. CONNECT THE BLACK WIRE OF MALE DC POWER HARNESS TO BLACK/BROWN GROUND WIRE AT VEHICLE GROUND POINT. USE THE SUPPLIED T-TAPS TO MAKE ALL CONNECTIONS.

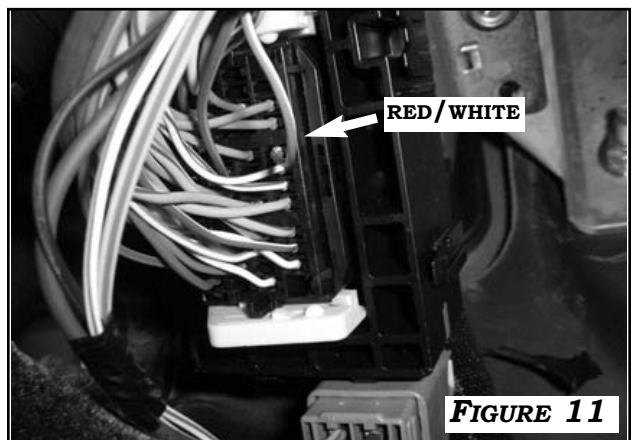


FIGURE 11

INSTALLATION

ROUTING HARNESS AND MOUNTING CAMERA



1. ROUTE THE CAMERA EXTENSION HARNESS TO SCUFF PLATE AREA AND THROUGH THE ACCESS GROMMET UNDERNEATH CARPET. DRILL HOLE TO FEED CAMERA EXTENSION HARNESS THROUGH GROMMET. **FIGURE 12**. USE THE EXISTING WIRING WITH WIRE CLIPS TO SECURE HARNESS. CONTINUE ROUTING THE HARNESS ALONG THE FRAME WIRING BELOW VEHICLE AND TO TAILGATE AREA. USE WIRE TIES TO SECURE HARNESS.

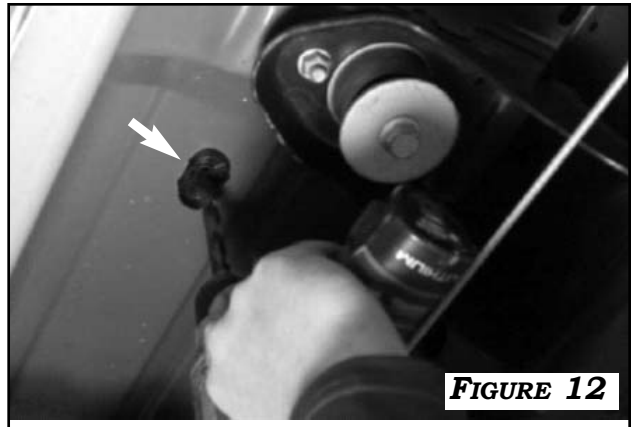


FIGURE 12

2. INSTALL CONVOLUTED TUBING AND ROUTE THE CAMERA EXTENSION HARNESS THROUGH THE BED ACCESS HOLE. PULL THE CONNECTOR THROUGH AND INSERT INTO HOLE AT THE CENTER OF THE TAILGATE. USE WIRE TIES TO SECURE HARNESS AT THE BOTTOM OF THE TAILGATE. **FIGURE 13**

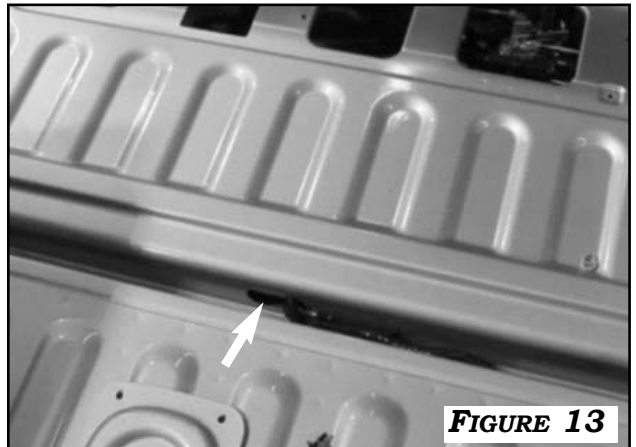


FIGURE 13

3. MOUNT THE **REAR CAMERA ASSEMBLY** INTO THE TAIL GATE. REINSTALL BOLTS AND ROD CLIPS. **FIGURE 14**



FIGURE 14

INSTALLATION

CAMERA CONNECTIONS



1. CONNECT THE CAMERA EXTENSION HARNESS TO THE REAR CAMERA ASSEMBLY CONNECTOR. SECURE THE CONNECTOR TO THE TAILGATE WITH FOAM TAPE TO PREVENT RATTLES. **FIGURE 15**



FIGURE 15

2. THIS CAMERA INCLUDES PARKING GRIDLINES OVERLAID ON THE VIDEO FEED BY DEFAULT TO ASSIST WHEN PARKING IN REVERSE. IF THE DRIVER DOES NOT WISH FOR GRIDLINES TO BE INCLUDED, SIMPLY LOCATE LOOP WIRE CONNECTED TO THE CAMERA HARNESS AND CUT IT IN HALF. **FIGURES 16 & 17**

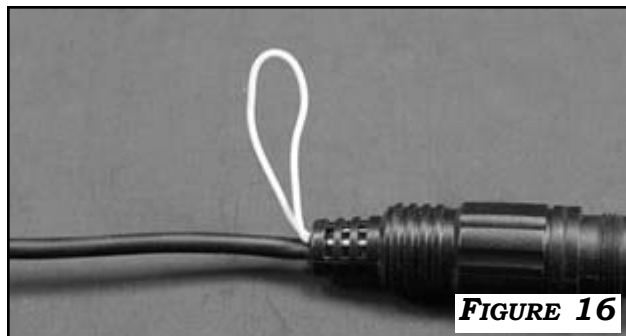


FIGURE 16

3. Latch will look as shown in **FIGURE 18**.

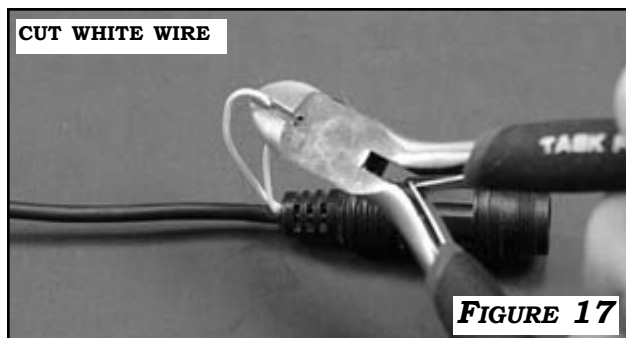


FIGURE 17



FIGURE 18

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 HARNESSSES 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.