

INSTALLATION INSTRUCTIONS
FOR
50-0212x-002 SERIES 1181281
50-0212x-014 SERIES 1181280
FORD EXPEDITION
OVERHEAD CONSOLE for use with FLIPDOWN VIDEO SYSTEM



These instructions are intended for use only by experienced professionals in the automotive customizing business. Special tools and equipment, as well as specialized handling and care of product during installation, may be required. Before beginning this installation, carefully read through the following instructions. **Use extreme care when cutting headliner material.** Check for wiring or other componentry above headliner material. Cut only where indicated.

Materials / Tools required for this installation:

1. Phillips screwdriver
2. Powered screwdriver or drill with adapter
3. Awl or scribe point tool or similar
4. Razor knife or similar tool
5. T-10TORX bit driver
6. 1/8" Drill Bit
7. Audiovox Series 640/650 Video Module

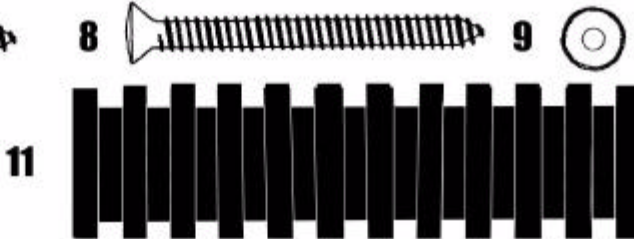
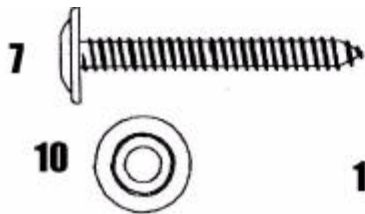
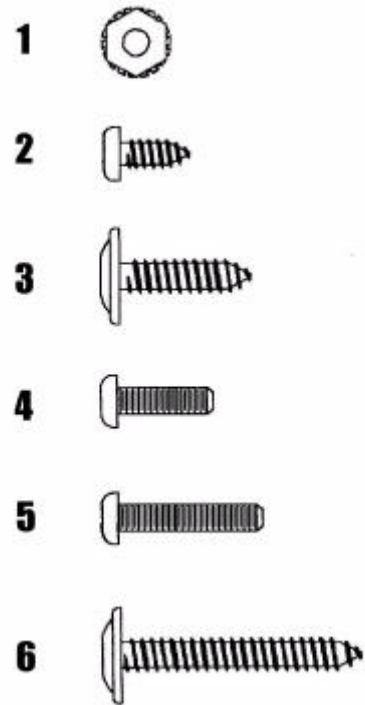
**FOR USE IN VEHICLES WITH FACTORY INSTALLED
OVERHEAD CONSOLE ONLY.**

Materials provided for this installation:

INSTALLATION INSTRUCTION # 44-0018D

Apr. 14, 1999
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ITEM	DESCRIPTION	QTY
1	Nut, 6-32 HH KEPS	8
2	Screw, # 6 x 3/8 PPH TAB	13
3	Screw, # 8 x 9/16 PWH TAB	2
4	Screw, 6-32 x 1/2 PPH	4
5	Screw, 6-32 x 3/4 PPH	10
6	Screw, # 8 x 1 1/4 PWH TAB	2
7	Screw, # 8 x 1 1/2 PWH TAB	1
8	Screw, # 8 x 1 3/4 POH TAB Z1	2
9	Washer, 3.5 mm	4
10	Finish Washer, # 8	2
11	Convolutud Tube, 1/2" ID X 3"	1
12	Template (last page of instructions)	1
13	Front Mounting Bracket	1
14	Pod Mounting Bracket	4
15	Switch Mounting Bracket	2
16	Rear Air Duct Blockoff Plate	1
17	Rear Mounting Bracket	1
18	Plywood , 3/8" x 7" x 8 1/2"	1



19 Overhead Console

1



I. REMOVAL OF O.E.M. EQUIPMENT.

1. Remove and retain OEM overhead console assembly by removing one (1) OEM screw in front pocket. Pull console down and disconnect wiring. Set aside in a safe place for later re-installation.
2. Remove and retain rear A/C control assembly. Assembly housing is secured with two (2) spring loaded fasteners on front of housing. Pull down to disengage, then slide forward to clear bracket. Disconnect wiring. Set assembly aside in a safe place for re-use later.
3. Remove center A/C vent in headliner using two scribe points in indicator holes on vent and twist.

II. PREPARATION OF VEHICLE.

1. Place template provided (item 12 pg 2) over center A/C vent hole with arrow pointing forward. Cut and remove indicated headliner. See Figure 1.

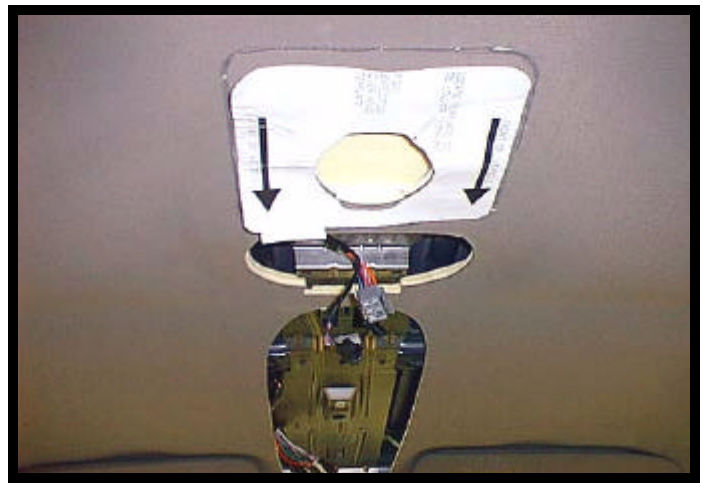


Figure 1

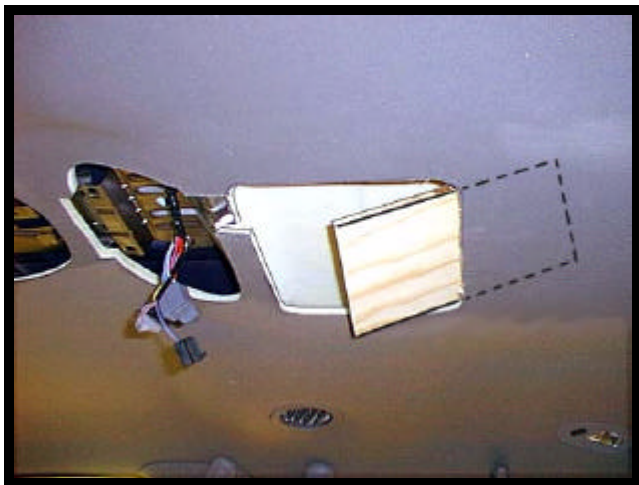


Figure 2

2. Install plywood block (item 18 pg 2) provided in kit through modified louver opening and secure in place using two (2) # 8 x 9/16" PWH screws (item 3 pg2). See Figure 2 and 3.

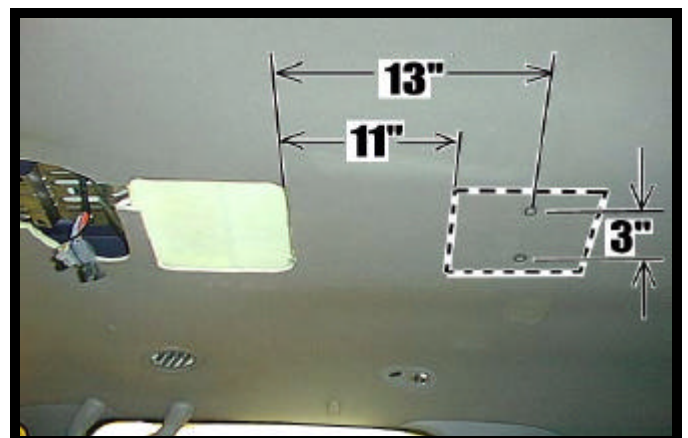


Figure 3

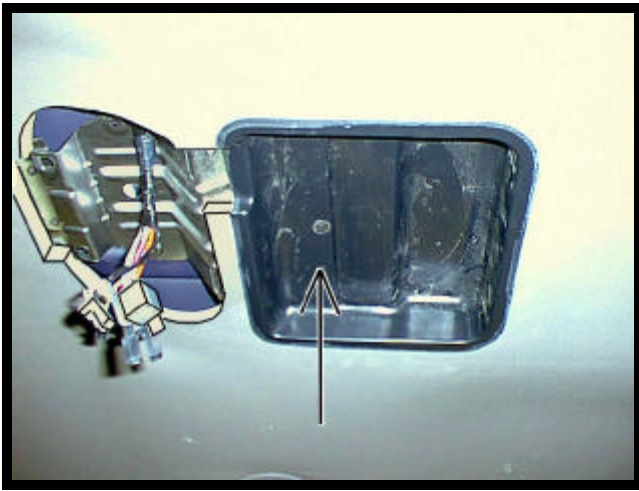


Figure 4

3. Install block-off cover (item 16 pg 2) using one (1) # 8 x 1 1/4" PWH screw (item 6 pg 2). See Fig. 4. **(Use caution to assure screw does not penetrate vehicle roof).**

4. Detach wire harness from brace where A/C assembly was removed. Remove and retain two (2) OEM screws. Trim headliner to clear front flange of rear mounting bracket (item 17 pg 2) Insert rear mounting bracket tabs in existing slots on rear of OEM brace. Align holes of bracket with OEM bracket. Secure with OEM screws. See Figure 5. Route wiring toward driver's side of bracket. Install convoluted tube (item 11 pg 2) around wire harness to prevent chaffing against bracket.

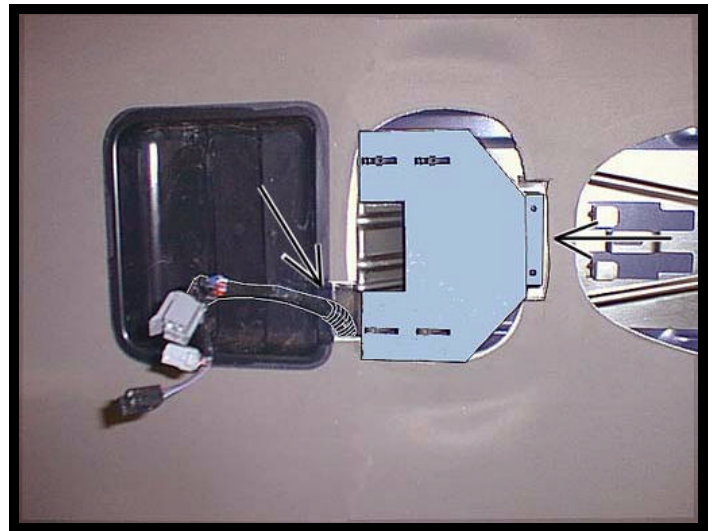


Figure 5

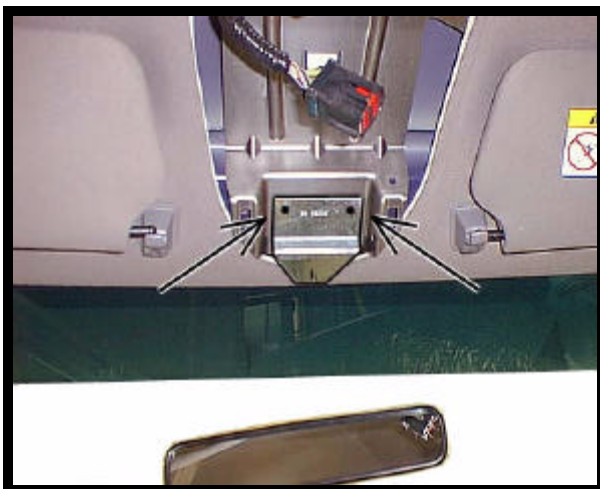


Figure 6

5. Remove and retain two (2) OEM screws located at front of OEM bracket near windshield. Mount front bracket (item 13 pg 2) using OEM holes and OEM screws. See Figure 6.

6. Install video system wiring into vehicle. Route video system cables from installed position in center of roof to “B”-pillar. Down “B”-pillar to floor. Route power and ground leads forward to fuse box area. Connect power wire to a fused accessory controlled power source per instructions provided in video system. Ground negative lead to chassis. Route remaining wiring (RCA plugs, Remote sensor extension, etc.) to VCP location. Connect per instructions provided with video system. If video system is to be used as a television, install an appropriate antenna per instructions included with antenna. See Figure 7.

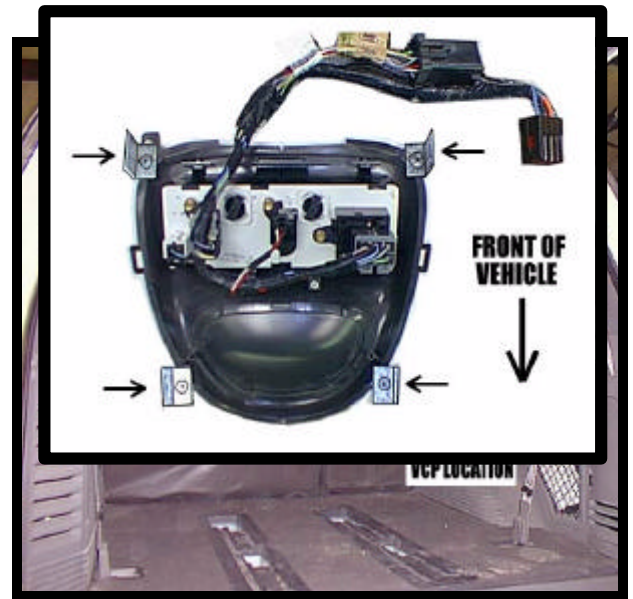


Figure 7

III. PREPARATION OF OVERHEAD CONSOLE.

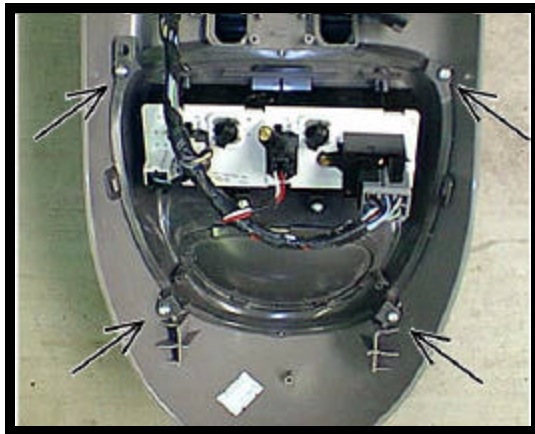


Figure 8

1. Remove and retain OEM front control head bezel assembly by removing four (4) screws. See Fig. 8.

2. Remove and retain secondary light and pod assembly by removing eight (8) OEM screws. See Figure 9.

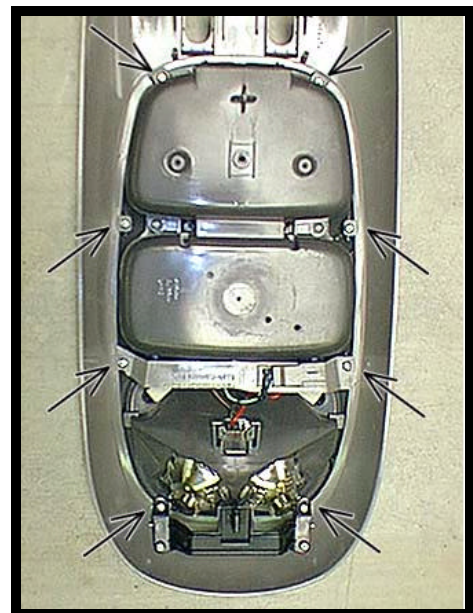
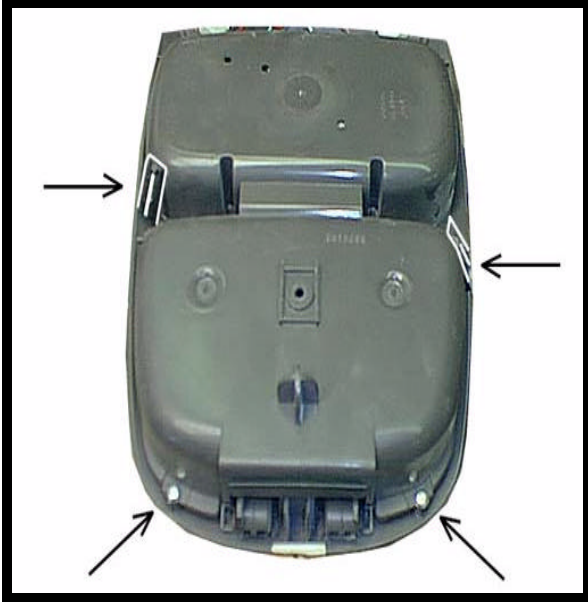
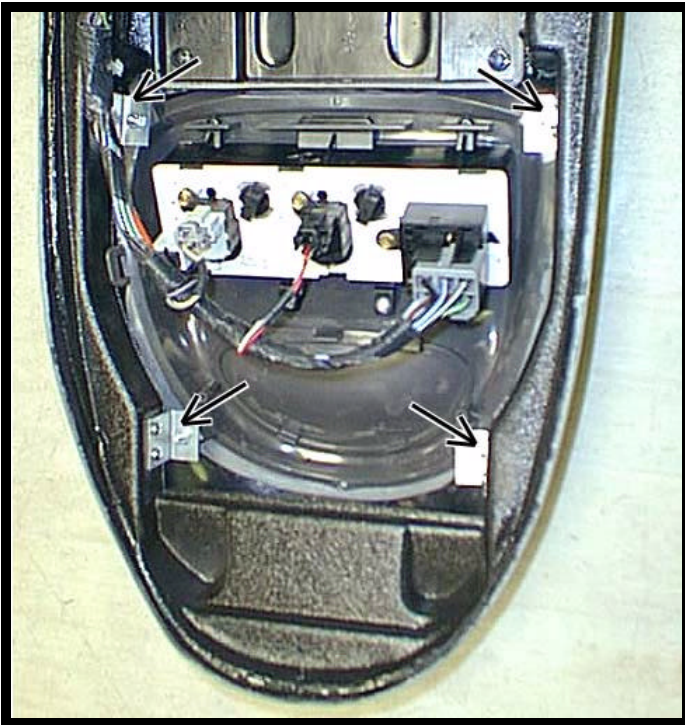


Figure 9



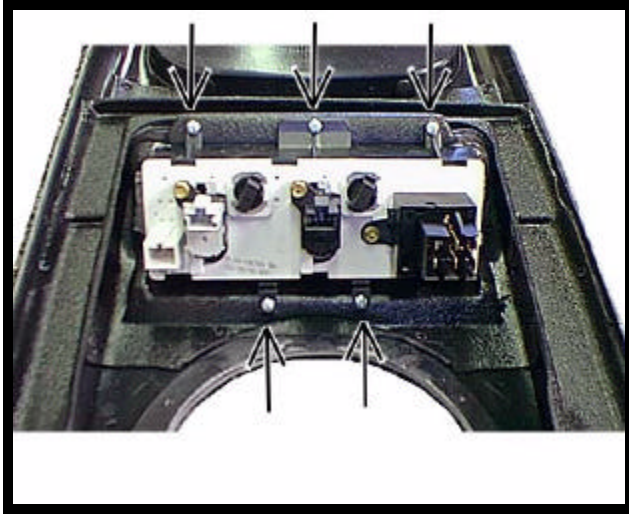
3. Attach four (4) pod mounting brackets (item 14 pg 2) to front and rear of bezel with four (4) 6-32 X 1/2" screws (item 4 pg 2) and four (4) 8-32 KEPS nuts (item 1 pg 2). See Figure 10.

Figure 10



4. Install and secure O.E. bezel in overhead console (item 19 pg 2) with eight (8) # 6 X 3/8" PPH screws (item 2 pg 2) As shown. See Figure 11.

Figure 11



5. Remove two (2) plastic tabs on secondary light and pod assembly, replace two (2) OEM screws in front assembly as shown. See Figure 12.

Figure 12

6. Install and secure secondary light pod assembly in overhead console with six (6) OEM screws. See Figure 13. **Note:** Be sure light wiring is accessible.

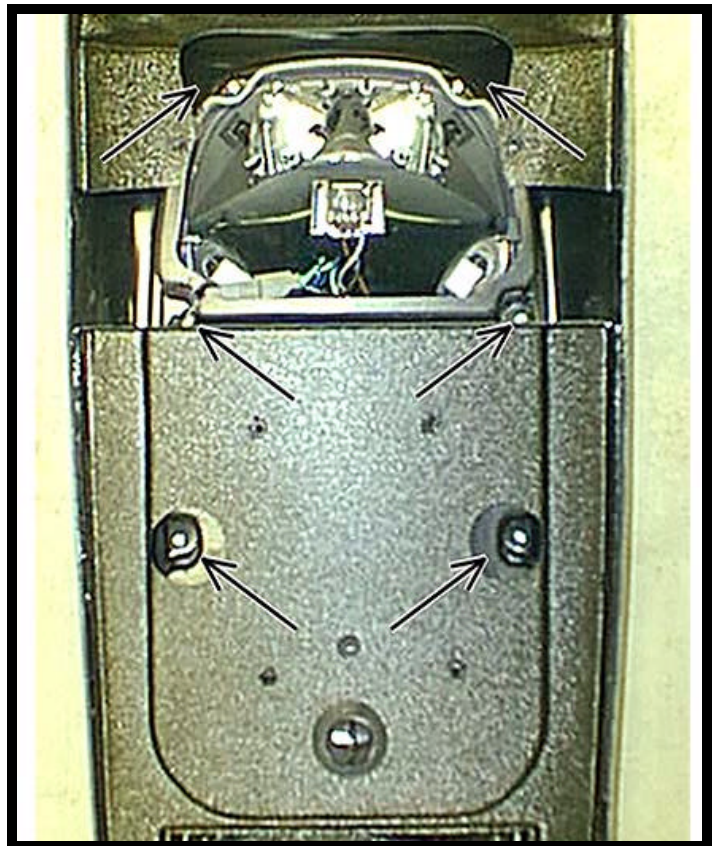
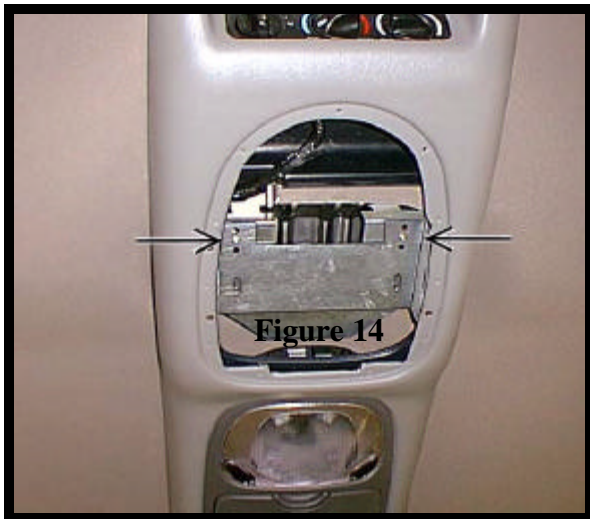


Figure 13

- Remove A/C control from rear bezel assembly. Modify A/C control by drilling three (3) 1/8" dia. holes in front mounting tabs. Position rear A/C control head in center of overhead opening. Secure with five (5) # 6 X 3/8" PPH screws (item 2 pg 2). See Figure 14.



- If vehicle is equipped with OEM vent switches,

remove and discard blank plug in new overhead console. Retain four (4) screws from OEM console. Remove and discard four (4) screws from OEM console. Remove and modify switch assembly by trimming four (4) tabs flush with edge. Install two (2) mounting brackets (item 15 pg 2) using four (4) 6-32 X 3/4" screws (item 5 pg 2) and four (4) keps nuts (item 1 pg 2). Install and secure OEM vent switch assembly using four (4) screws previously removed. See Figure 15.

Important: Be sure vent switch assembly is centered in console openings. Manually push switch buttons to check for proper clearance and function.

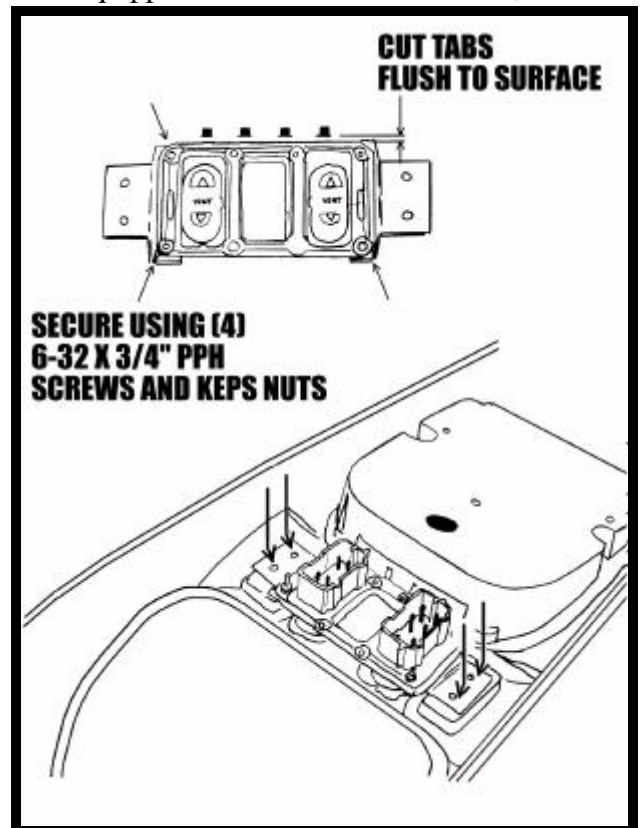
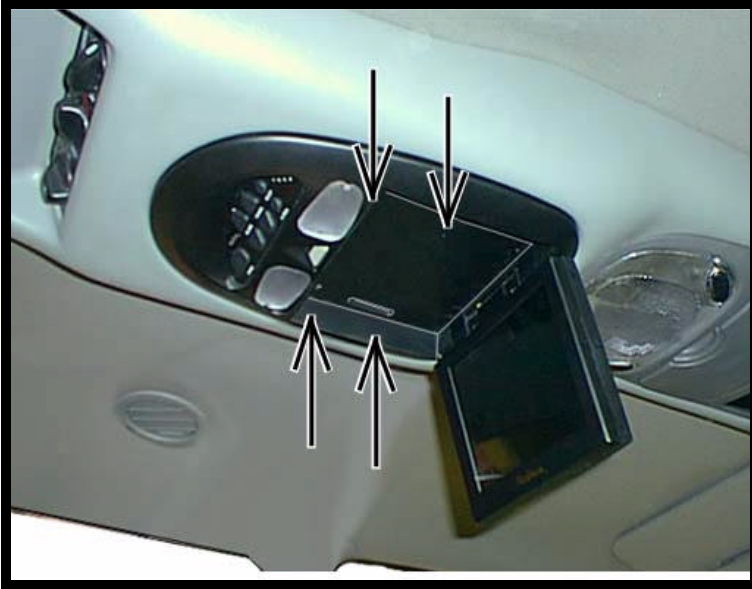


Figure 15

IV. INSTALLATION OF OVERHEAD CONSOLE.

Caution: Do not overtighten screws. Use extra support for the console until secured to the vehicle. Failure to do so may cause damage to console or installed components.



1. Raise overhead console into approximate position and connect wiring to components.
2. Loosely fit console against headliner. Check that console is centered in vehicle and matches all contours of headliner. While supporting console in mounting position, loosely install using two (2) 6-32 X 3/4" screws (item 5 pg 2) through the smaller holes in bracket on console into threaded clips on mounting bracket. **Inspect wiring to make sure no chaffing has occurred near the rear bracket (Item 3).**

3. Secure front of console using one (1) # 8 X 1 1/2" PWH screw (item 7) in front pocket of OEM secondary pod and light assembly. See Figure 17.
4. Install one (1) # 6 x 1 1/4" PWH screw (item 6 pg 2) in dimple area at front of console through front mounting bracket. See Fig. 17.
5. Tighten 6-32 X 3/4" screws previously installed in step 2.



Figure 17

Figure 19

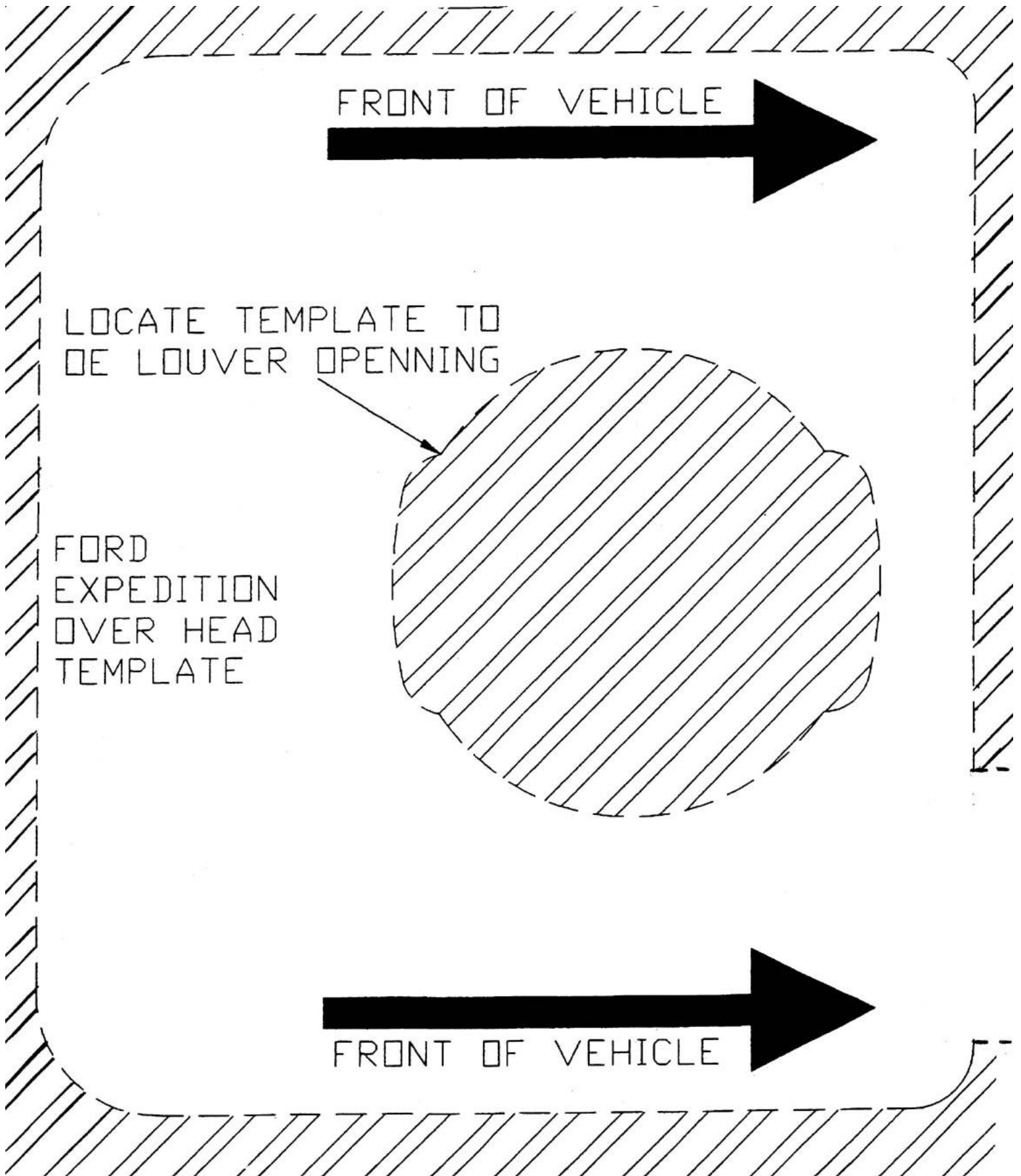
6. Release video screen from locked position. Lower video screen to viewing position for access to mounting locations in top of video system housing.
 7. Raise video system into approximate position and connect all wiring to components. Route video cable through hole in mounting bracket. Connect wiring and cabling to video system per instructions included with video system.
 8. Check function of all components and lights. See operating instructions for video system operations check. For further assistance, refer to the video system manual for the technical support phone number listed for your area.
-
9. Insert video system into opening in console. **Note: Make sure that wires do not get pinched between bosses on video system and console.** Align holes in housing with threaded clips in mounting bracket. Loosely install four (4) 6-32 X 3/4" screws (item 5 pg 2) and four (4) 3.5 mm washers (item 9 pg 2). **Caution: Do not overtighten screws.** See Figure 18.
 10. Raise video screen into locked position.

Figure 18

11. Install two (2) # 8 x 1 3/4" POH screws (item 8 pg 2) and two (2) # 8 finish washers (item 10 pg 2) in dimples at rear of overhead console to secure rear of console to plywood support installed above headliner. See Figure 19. **Do not overtighten screws.**



CUT ON DOTTED LINES



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