

SPECIAL NOTE:

Installation Sequences

After **TMS** and **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.

A. Pre-installation Precaution



1. Use Seat and Floor Protectors to avoid damage to surfaces.



2. If the vehicle is equipped with an Anti-theft radio, the radio code must be written down prior to disconnecting the battery cable. The code must be re-entered when the negative battery cable is reinstalled. Disconnecting the battery may cause certain vehicle settings to be lost. Manufacture’s recommendations for the battery removal should be followed. Disconnecting the battery is recommended.

B. Battery disconnect

1. Move seats forward.



2. Remove the NEGATIVE (-) battery terminal using a 10mm socket before starting any

disassembly. (Fig. B2)

Fig B2



C. Disassemble vehicle trim


1. Remove rear panel of center console by pulling with hands. (Fig. C1)
2. Detach hinged armrest from center console by removing (4) #2 Phillips screws from hinge plate. (Fig. C2) 
3. Remove hinged armrest from vehicle. (Fig. C3)
4. Remove forward console side trim bezels by pulling with hands. (Fig. C4)
5. Open storage container door. (Fig. C5)

Fig. C1



Fig. C2



Fig. C3



Fig. C4



Fig. C5





6. Unscrew shifter knob and remove from vehicle. (Fig. C6)
7. Detach center console trim from console by lifting rear edge first and moving forward by hand. (Fig. C7)
8. Disconnect connector E35 from center console trim and remove trim from vehicle. (Fig. C8)
9. Remove (2) Phillips head screws located at front of center console. (Fig. C9) 
10. Remove (2) 10mm bolts located in center console storage area with a 10mm socket/ratchet. (Fig. C10) 

Fig. C6



Fig. C7



Fig. C8

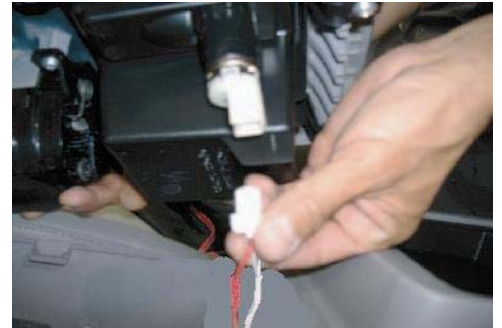


Fig. C9



Fig. C10



11. Remove center console from vehicle by lifting at rear and sliding back slightly toward rear of vehicle. (Fig. C11)


Fig. C11



12. Remove (2) #2 Phillips head screws from forward storage pocket beneath radio.

Fig. C12



(Fig. C12) 

13. Move gear selector to drive position before removing forward storage packet.

14. Disconnect all electrical connectors from rear of forward storage pocket. (Fig. C14)

Fig. C14



15. Using NRT remove air vent just above radio. (Fig. C15) 

Fig. C15




16. Disconnect electrical connector from rear of air vent. (Fig. C16)

Fig. C16



17. Using a 10mm socket/ ratchet remove (4) bolts retaining radio and HVAC controls.

(Fig. C17) 

18. Partially remove radio and HVAC controls and disconnect all electrical connectors from rear. (Fig. C18)

Fig. C17




Fig. C18



D. Armrest disassembly

1. Remove (6) #2 Phillips screws from underside of armrest and retain for future use.

(Fig. D1) 

2. Remove (2) #2 Phillips screws from armrest latch. (Retain latch and screws for future use.)


(Fig. D2) 


Fig. D1




Fig. D2




3. Insert Nylon Removal Tool (NRT) at front edge of armrest prying bottom from top. Use hands to detach remaining clips towards rear edge. Retain armrest inner liner of console lid

for future use. (Fig. D3a-b) 

4. Remove (4) #2 Phillips screws to remove hinge from upper armrest. Retain hinge and screws for future use. (Fig. D4) 

E. Reassemble DVD armrest

1. Apply hinge to DVD system by screwing (4) #2 Phillips screws into locations at each side of DVD player. (Fig. E1) 


2. Use template to locate cut out position on armrest inner liner. Use marker to mark cutout location. (Template located at end of instructions) (Fig. E2) 

Fig. D3a



Fig. D3b



Fig. D4




Fig. E1



Fig. E2




3. With an air saw cut out marked area from armrest inner liner. (Fig. E3) 

4. Separate two halves of cables 2291 and 2292 at serial connector point.

5. Locate cable 2292 with male side serial connector and attach the flat 10 pin connector to the DVD player. (Fig. E5)

6. Before reinstalling bottom of armrest liner, wire tie cable to upper hinge base. Continue by routing male serial connector through cut out beside hinge assembly. (Fig. E6)

7. Install (6) screws on bottom of armrest liner to DVD armrest replacement. (Install by hand, Do not use powered drill.) (Fig. E7) 


8. Reinstall armrest latch, with (2) two screws. (Fig. E8) 

Fig. E3



Fig. E5



Fig. E6



Fig. E7



Fig. E8



F. Prepare center console

1. Align template with mark on center console.

Use marker to trace area for cut out location.

(Template located at end of instructions)

(Fig. F1)

2. Use an air saw to remove the traced out


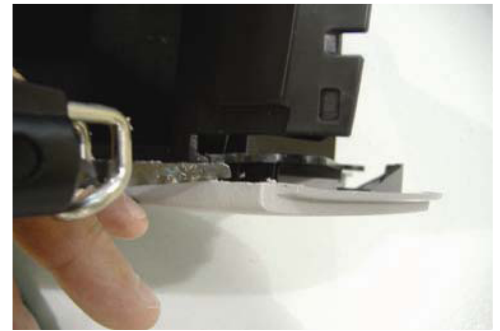
area. (Fig. F2) 

Fig. F1



Fig. F2



G. Install power wiring

1. Use pliers to attach appropriate T-taps to corresponding wires of radio connector harness as charted below.


(Fig. G1) 

Fig. G1



Vehicle	Connector	PIN #	Color-Wire	T-TAP
8 speaker w/nav	F9	11	gray (+)	red
	F9	20	brown (-)	blue
8 speaker without/nav	F26	11	gray (+)	red
	F26	20	brown (-)	blue
6 speaker	F6	3	gray (+)	red
	F6	7	brown (-)	blue
hybrid w/nav	F9	11	gray (+)	red
	F9	20	brown (-)	blue
hybrid without/nav	F26	11	gray (+)	red
	F26	20	brown (-)	blue



F6



F9,F26

2. Connect all wires to control box including antenna, cable #9 and cable 2291.
3. Connect red wire from cable #9 to positive lead on vehicle connector and black wire from cable #9 to negative lead on vehicle connector. (Use Chart Above in section G1) (Fig. G3)
4. Wrap control box with foam tape. (Fig. G4)
5. Wire tie control box to shifter base with (1) wire tie. (With or with out rear air duct.) (Fig. G5)
6. Route power cord #9 along passenger side of center console. (Fig. G6)
7. Secure power cord #9 just below forward storage pocket. Ensure power harness is tied away from all sharp and moving objects. (Fig. G7)

Fig. G3

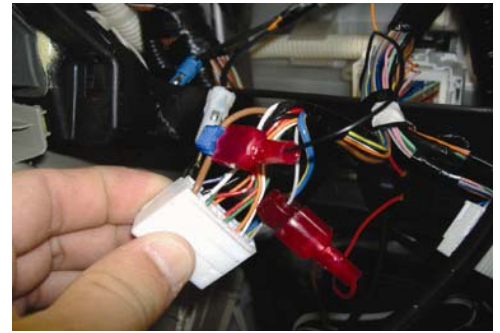


Fig. G4



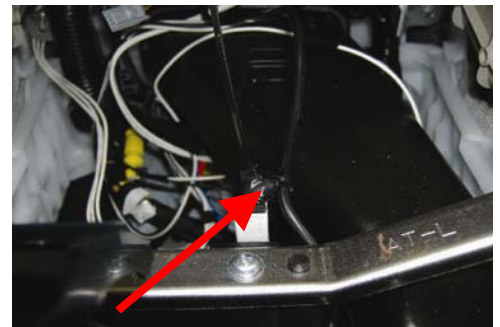
Fig. G5



Fig. G6

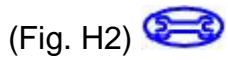


Fig. G7



H. Installation of DVD armrest

1. Route male end of cable 2292 along hinge while sliding hinge into location. (Fig. H1a-b)
2. Reinstall the top (2) screws on the armrest hinge with a #2 Phillips screwdriver.



3. Locate stop bracket. (Fig. H3)
4. Align bracket with upper notches and rubber bumpers facing backwards. Mount with remaining lower (2) Phillips screws.

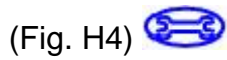


Fig. H1a



Fig. H1b



Fig. H2



Fig. H3



Fig. H4



5. With armrest in up position, pull excess wire through. (Fig. H5)
6. Route excess cable to outside edge of center console. On the color matched surface, apply a wire tie base on the inner driver's side approximately 2" below and to the rear of the cable exit. Attach cable. (Fig. H6)
7. Cycle armrest lid to ensure proper travel and movement.
8. Move center console back into factory position, while routing cable 2292 under center console below storage area with connector ending up near control box. (Fig. H8)
9. Connect cable 2292 to cable 2291. Ensure cable is not pinched between console and floor. (Fig. H9)
10. Bundle excess cable together and wire tie away from all moving parts.

Fig. H5



Fig. H6

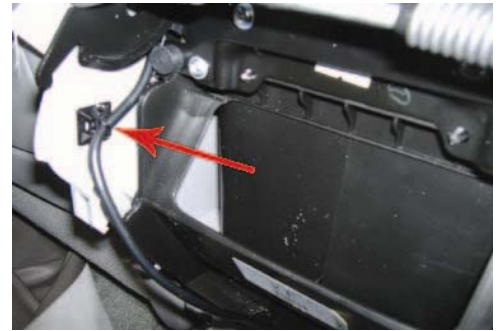
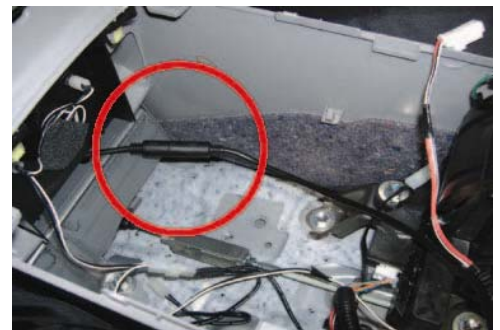


Fig. H8



Fig. H9



I. Reassemble trim/ battery

1. Reassemble trim components and battery by reversing sections B and C. Torque battery to 36 inch. Lbs
2. Check all previously disconnected factory connectors and accessories to make sure they are all connected and operational.

J. Complete installation

1. Install 2 AAA batteries in the remote.
2. Install 2 AAA batteries in each headphone headset.
3. After testing system, store owners manual in glove box. Store remote, headphones and remote/headphone storage straps in rear of center console.
4. Finished view of hinge area should look like this when complete. (Fig. J4)

Fig. J4



Functional Verification

Check:

Turn Vehicle ignition to ON, depress power button on monitor.

Insert DVD into drive, press play

Listen with wireless headphones

Select Sound Around button on remote to turn on the FM transmitter. Turn on vehicle radio and set to station displayed on monitor

Gap Tolerance

Look For:

Monitor should power on, start up screen should appear on screen.

DVD should begin playing

Audio should be heard through vehicle headphones

Audio from player should be heard through vehicle speakers.

Allowable small gap on each side of the console lid. (*Only Camry Hybrid w/factory leather*)

Trouble Shooting

IR Sensor Inoperative

- (1) Verify that the batteries in the remote are fresh.
- (2) Verify that the remote sensor eye is not obstructed.
- (3) Aim toward sensor, near top of monitor being controlled or the lower remote sensor eye next to the a/v input jacks.
- (4) Select on the remote control "DVD A" to control the armrest console



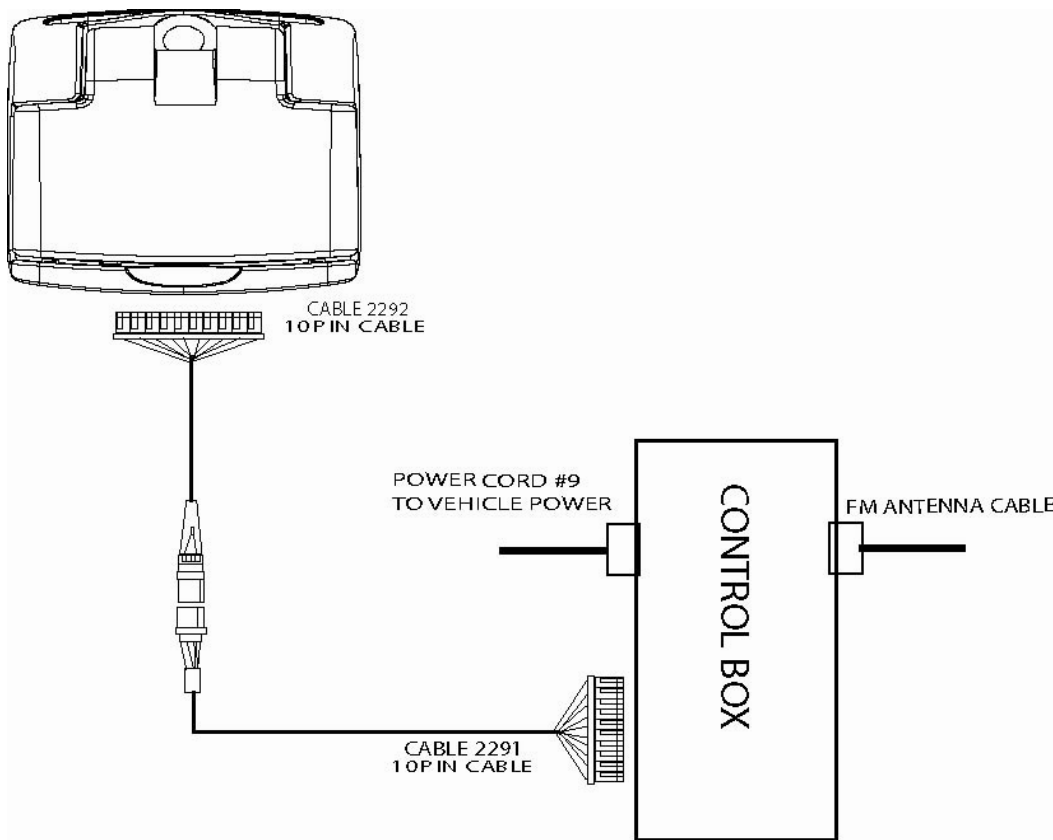
No Picture

- (1) Verify that the correct video input mode is used on the monitor.
- (2) Verify that the video cable is plugged into the jack securely (if the a/v inputs are being used)

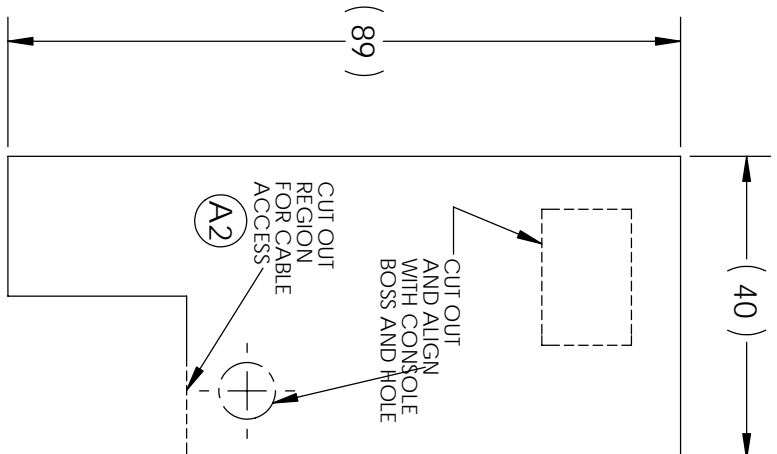
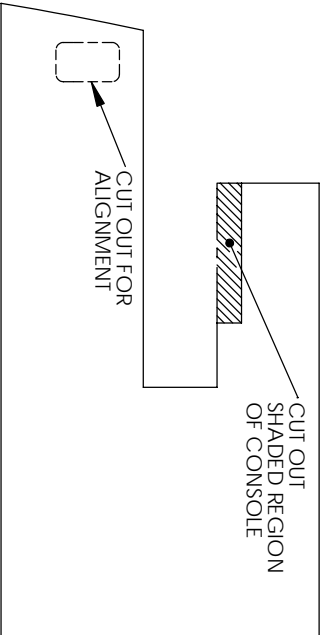
No Sound

- (1) Verify that the correct audio input mode is used on the monitor.
- (2) Verify that the audio cable is plugged into jack securely (if the a/v inputs are being used).

SCHEMATIC DIAGRAM



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