

Part Number: PT732-07000

Section I - Installation Preparation

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Full Mirror Assembly, Compass
2	1	Hardware Bag
3	1	Installation Manual
4		
5		

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	T-tap connector: 18-22 awg
2	1	Wire cover
3	1	EC wire harness
4	6	Foam Tape
5	10	Wire ties
6	1	Operation instruction card

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		
3		

Conflicts

Note:

Tools Required

Safety Tools	
Vehicle Protection	Blankets
Special Tools	
Torx head driver	T20
Dark Towel or Cloth	For Testing
Torque Wrench (2)	0-30 in.-lbs. 0-10 ft.-lbs.
Installation Tools	
Phillips Screwdriver	
Ratchet	
Socket	10mm
Needle Nose Pliers	
Nylon Removal Tool	
Blade Screwdriver	4 mm max.
Special Chemicals	
Windex	

Color Applicability/Trim Level

Accessory Color	Vehicle/Trim Color																		

General Applicability


XL Model only


Recommended Sequence of Application


Item #	Accessory	
1	V3	
2		
3		


*Mandatory


Legend

 **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.

 **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 this process

A. Remove overhead console

- ✚ 1. Remove the negative battery cable.

 Ratchet 10mm socket

- i. Protect the fender before starting.
- ii. Be careful to not touch the positive battery terminal.

- ➔ 2. Using a nylon removal tool,  carefully remove the overhead dome lamp lens. (Fig. A1)

- ➔ 3. Open the overhead compartment bin and remove the 3 screws as shown. (Fig. A2)

 Phillips Screwdriver

- 4. Disconnect Light connector. (Fig. A3)


- ➔ 5. Carefully store overhead console bezel on a clean, padded surface.


B. Remove sun visor and sun visor clips to release headliner.

- ➔ 1. Remove screw from sun visor clips from driver and passenger sides and remove clips by pulling down. (Fig. B1)

 Phillips Screwdriver

- ➔ 2. Remove plastic cover from sun visor mounting base to expose 2 screws. (Fig. B2)

 Nylon Removal Tool

- ➔ 3. Remove 2 screws from sun visor mounting base. (Fig B3)  Phillips Screwdriver

- i. Disconnect vanity mirror light connector as shown and carefully store sun visor components on a clean, padded surface.

Fig. A-1

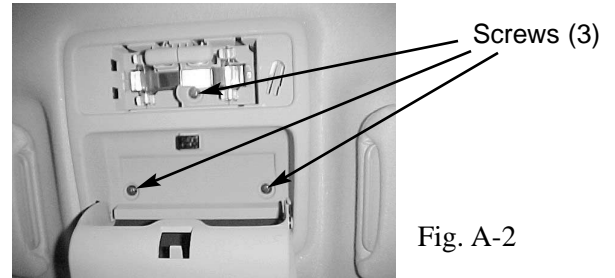


Fig. A-2



Fig. A-3

Clips (2)
Driver and
Passenger side

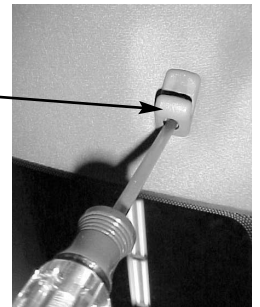


Fig. B-1



Fig. B-2

Disconnect
Driver side



Fig. B-3

C. Remove Vehicle Plastic Trim components



1. Carefully remove driver's side pillar garnish. (Fig. C1)
 - i. Carefully remove driver's side door scuff plate.
 - ii. Lift up to remove.
 - iii. Carefully remove driver's side cowl cover.
 - iv. Remove plastic nut cap and pull rearward and out to remove.



2. Carefully remove upper garnish at headliner. (Fig. C2)



3. Remove assist hand grip. (Fig. C3)




4. Sunroof models only. Remove sunroof opening trim. (Fig. C4)



5. Store all removed parts on a clean, padded surface.

D. Remove original equipment (OEM) mirror



1. Insert a small blade screw driver (4 mm max.) into the opening in the bottom of the windshield mount. (Fig. D1)  Blade screwdriver
 - i. Depress retainer clip inside of the mirror bracket with screwdriver and slide mirror up and off the windshield button.


2. Discard the OEM mirror.

E. Mirror Installation



1. Slide the electrochromic compass mirror onto the mounting button on the windshield.



2. Tighten the screw on the mirror mounting bracket.  T20 Torx head driver
(Specified torque range is 13.3 – 17.7 in.-lbs.)

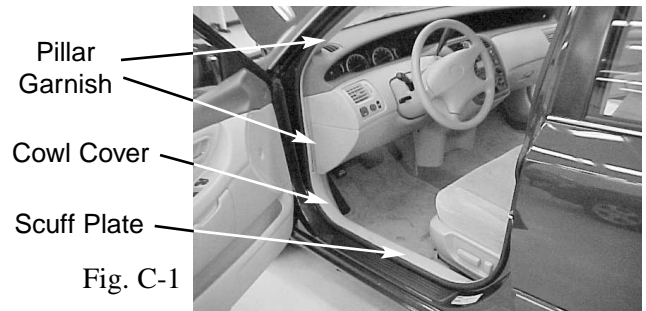


Fig. C-1



Fig. C-2



Fig. C-3

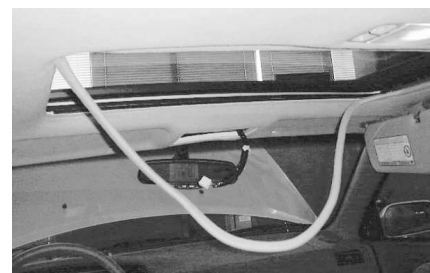


Fig. C-4



Fig. D-1

- ➔ 3. Plug the wire harness 7-pin connector into the back of the mirror. (Fig. E1)
- i. Route the mirror wire harness into the groove of the windshield wire cover.
 - ii. Attach the windshield wire cover to the mirror mounting bracket.
 - iii. Slide the wire cover firmly under the headliner.
- ⊘ STOP iv. Be careful not to bend headliner.

- ➔ 4. Route the mirror wire harness into the headliner and down the A-pillar – along side the OEM wire harness and under the dash. (Fig. E2)
- i. Route harness rearward of metal instrument panel reinforcement bar.
- [Wire harness must allow mirror to experience full range of movement (turn full left and full right) with tension relief].

- ⚠ 5. Apply foam tape over sharp metal edge in roof where shown. (Fig. E3)

- ➔ 6. Loosely secure the mirror wire harness to the OEM wire harness with 3 wire ties along the A-pillar as shown. (Fig. E4)

- ➔ 7. Locate the proper connector wire under the dash. Gray connector block IB1, pin #5 – a red wire with a black tracer. (Fig. E5)

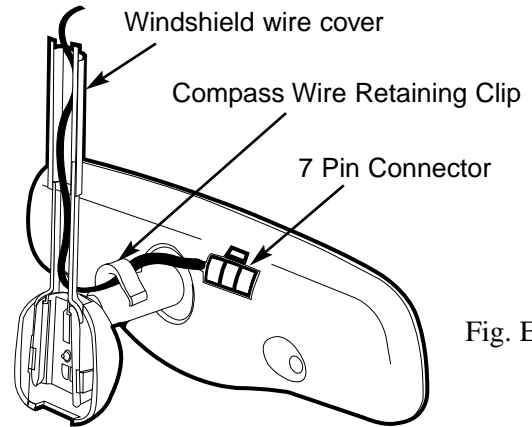


Fig. E-1



Fig. E-2

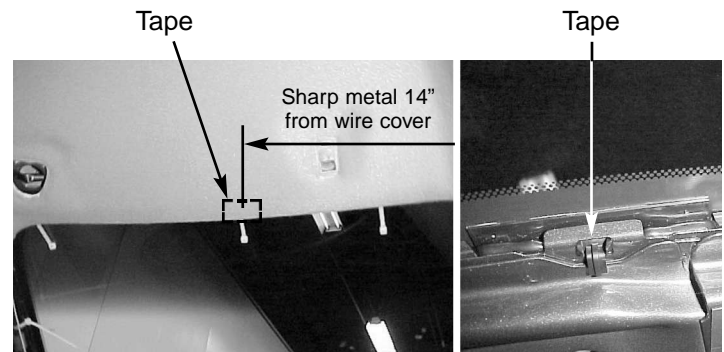


Fig. E-3



Fig. E-4

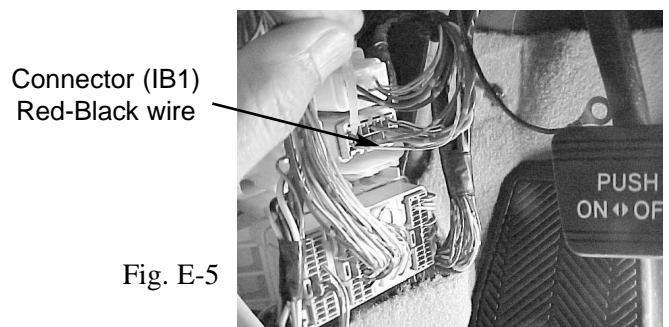

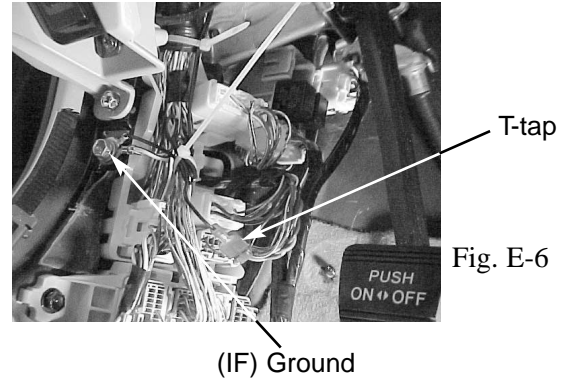


Fig. E-5


Section II - Installation Procedure

- 8. Apply T-tap to the red/black wire about 1 inch from the connector with pliers. (Fig. E6) [Make sure T-tap halves are snapped together and secured.]  Needle nose pliers
 - i. Plug red connector of mirror harness into T-tap.
 - ii. Attach ground wire to bolt (IF) as shown.
 - iii. Tie wrap harness to OEM harness and tie wrap excess wire as shown.



- 9. Cut excess tie wrap.
- 10. Secure wire harness to headliner with foam tape (4 places) as shown. (Fig. E7)
- 11. Tighten wire ties along A-pillar and cut excess.

F. Testing

- 1. Re-connect the negative battery cable.
 - i. Tighten the nut with 3 ft-lbs. torque.
 - ii. Be careful to not touch the positive battery terminal.  Ratchet 10 mm socket
- 2. Turn the ignition switch to ON.
- 3. With the vehicle in a fairly well-lit area, perform the following:
- 4. To make sure the auto-dimming feature is on, verify that the green LED to the right of the switch is on. If it is not on, push the “mirror” button to turn it on.
- 5. Cover the forward-looking photocell located below the wire harness connection on the back of the mirror (a dark cloth or towel will work). (Fig. F1)
- 6. After a few seconds, the mirror will begin to darken (the time may vary with ambient light levels).
- 7. Remove the cover from the forward photocell and the mirror will begin to clear.
- 8. The test is now complete.
- 9. Push in ‘Comp’ side of switch to turn compass on/off. Compass is enabled when a direction or a ‘C’ appears in the mirror display window.

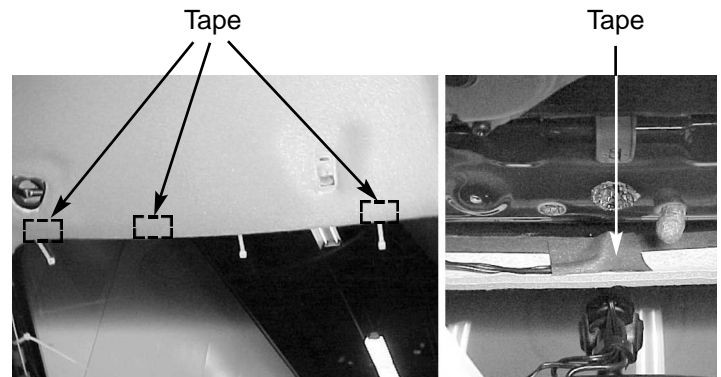


Fig. E-7

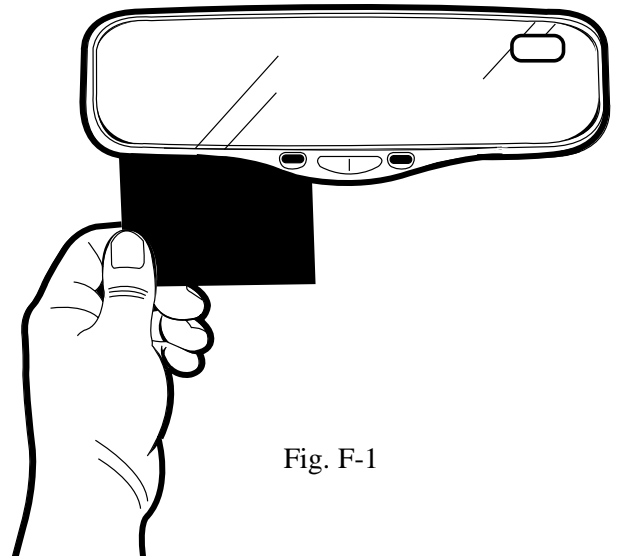














Fig. F-1

G. Final Assembly

-  1. Reinstall upper garnish at headliner.
-  2. Reinstall assist hand grip.
-  3. Reinstall sunroof opening trim (sunroof models only).
-  4. Reinstall overhead console.
-  5. Reinstall sun visor clips.
-  6. Reinstall sun visor and base trim cover.
-  7. Reinstall driver's side cowl cover.
-  8. Reinstall driver's side scuff plate.
-  9. Reinstall driver's side A-pillar garnish.
-  10. Place the operation instruction card in the vehicle glovebox in the vehicle owner's manual.
-  11. Remove finger prints, smudges, dirt, etc. from mirror glass with windex.
-  12. Verify each reinstalled component for proper fit and function.



Section III - Functional Verifications

Check: _____

- Maplamps/Dome lamp with door closed.
- Sunroof – if applicable.
- EC Mirror
Turn the ignition switch to ON.
- Auto-dimming feature
Cover photo cell below connector on back of the mirror.
- Mirror Clears
Remove cover from the photocell.
- Compass feature
Push in 'Comp' side of switch.

Look For: _____

- Maplamps should turn on.
- Sunroof functions properly.
- Vehicle should be in a fairly well-lit area.
- Verify green LED, to the right of the switch, is on
Light is blocked from photocell.
- Mirror returns to clear state.
- Display should turn on/off.
Direction or a 'C' appears in display.