

**Part Numbers: 00012-40846-02**

**Material: Kaffe Walnut**



**Kit Contents**

Item #	Quantity Reqcd.	Description
1	1	Center Vent Trim (2 Pieces)
2	1	Radio Door Trim
3	1	Passenger Vent
4	1	Driver Vent
5	1	Navigation Upper Trim
6	1	Navigation Door Trim
7	1	Navigation Lower Trim
8	1	Shift Plate Trim & Plug (2 Pieces)
9	1	Non-Heated Seat Trim
10	1	Heated Seat Trim
11	1	Lower Console Trim
12	1	Cupholder Door Trim

**Conflicts**

Note: None

**Recommended Tools**

<b>Safety Tools</b>	
Hand Protection	Latex Glove (not mandatory)
Vehicle Protection	Seat / Floor Covers
<b>Special Tools</b>	
Non Intrusive IR Temperature Probe / Gun	
<b>Installation Tools</b>	
Heat Source	
Lint-Free Scratch Resistant Cloth	WypAll Disposable Cloth (recommended)
<b>Special Chemicals</b>	
Cleaner	3M™ Prep Solvent-70

**Service Parts**

Item #	Qty	Description
00012-40846-23	1	Center Vent Trim (2 Pieces)
00012-40846-24	1	Radio Door Trim
00012-40846-22	1	Passenger Vent
00012-40846-21	1	Driver Vent
00012-40846-32	1	Navigation Upper Trim
00012-40846-33	1	Navigation Door Trim
00012-40846-34	1	Navigation Lower Trim
00012-40846-25	1	Shift Plate Trim & Plug (2 Pieces)
00012-40846-26	1	Non-Heated Seat Trim
00012-40846-27	1	Heated Seat Trim
00012-40846-29	1	Lower Console Trim
00012-40846-28	1	Cupholder Door Trim

**General Applicability**

2008 TOYOTA AVALON LIMITED

**Recommended Sequence of Application**

Item #	Quantity Reqcd.	Description



\* Mandatory

**Legend**








	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CRITICAL PROCESS:</b> Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation.
	<b>GENERAL PROCESS:</b> This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation
	<b>TOOLS &amp; EQUIPMENT:</b> Calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.

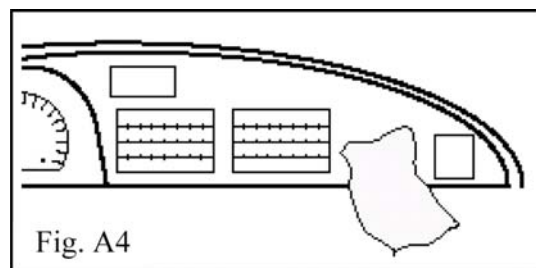
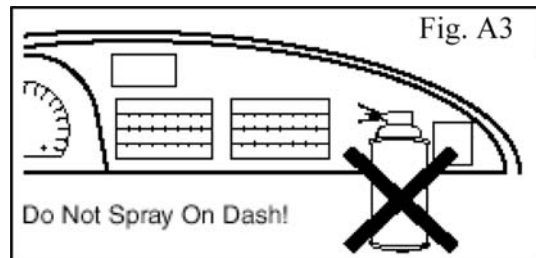
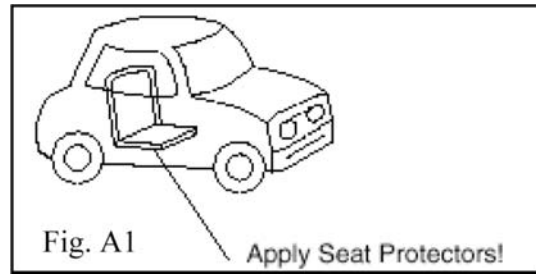
## Section II – Installation Procedure

**A. Installation Precautions**

-  1. Use Seat & Floor Protectors to avoid damage to surfaces. (Fig. A1)
-  2. Wear protective latex gloves while cleaning factory panels.

**NOTE:** The use of protective latex gloves during cleaning is mentioned as a precaution to those installers who may be sensitive to the chemicals being used in this process. The use of protective gloves is not mandatory.

-  3. When cleaning with 3M™ Prep-Solvent 70
  -  A. Always use a clean (lint free, scratch resistant) soft cloth (or wipe), and clean a small area at a time (~3 ft. x 3ft. max). (Fig A2)
  - B. Shake well.
  -  C. Apply 3M™ Prep-Solvent-70 to cloth or wipe. Do not spray cleaning solutions directly to any vehicle surfaces. (Fig. A3).
  -  D. Clean surface thoroughly and wipe dry immediately with a new clean cloth. Do not allow cleaner to air dry. (Fig. A4).
-  4. Dash Appliqué must be between 70°F and 110°F (just prior to actual installation).
-  5. Vehicle dash surfaces must be between 70°F and 110°F (just prior to actual installation).
6. Use pull-tabs to remove 3M liners. (Fig. A5).
  -  A. Do not touch or allow debris or contaminants to come into contact with the adhesive backing before installation.



## B. Inspection of Parts

1. Inspect parts prior to installation to avoid unnecessary removal. (Fig. D1).

## C. Dry Fit Parts

- ➔ 1. Check placement for alignment of each part.

## D. Clean Factory Surfaces

1. Thoroughly clean (using method in Step A.3) all applicable surfaces highlighted in Fig. D1.

## E. Install Center Vent Surround Trim

- ➔ 1. Warm up vehicle surfaces (as required).
- A. Use heat gun, infrared lamps, shop heat or vehicle heating system to heat surfaces to a temperature of at least 70°F. Keep heat gun at lowest setting, 6" from surfaces.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
  3. Position and secure part.



- A. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. E1).

- B. Gently touch part into position.



4. Verify alignment.

- ➔ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

## F. Install Radio Cover Trim

- ➔ 1. Follow steps to warm components as required.
2. Remove adhesive liner from part.

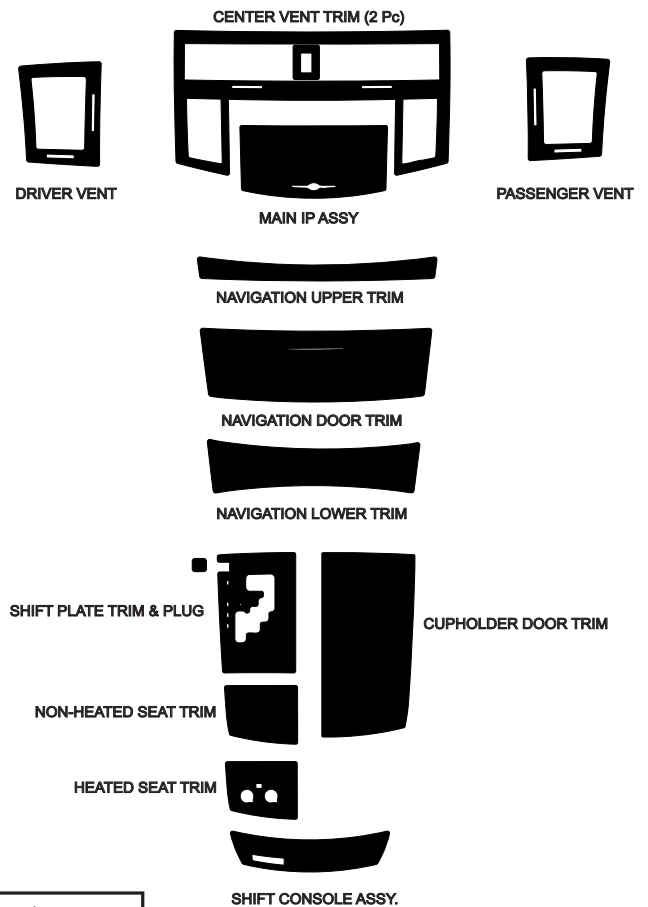


Fig. D1

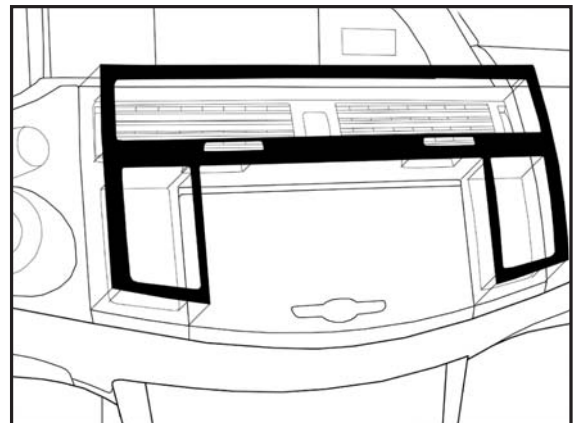


Fig. E1

- ⚠ A. Align part uniformly to bottom edge of factory radio door allowing 1.0 ±2.0mm gap on the top edge allow free door function in opening and closing. (Fig. F1).

B. Gently touch part into position.

- ⚠ 4. Verify alignment and function.

- ➡ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

### G. Install Upper Navigation Trim

- ➡ 1. Follow steps to warm components as required.
- 2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
- 3. Position and secure part.

- ⚠ A. Align part uniformly to the bottom edge of factory door. Edge of appliqué should be flush to the bottom edge of factory component allowing 1.0±2.0mm gap on the top edge. (Fig. G1).

- ⚠ 4. Verify alignment.

- ➡ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

### H. Install Navigation Door Trim

- ➡ 1. Follow steps to warm components as required.
- 2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
- 3. Position and secure part.

- ⚠ A. Align part uniformly to top edge of factory navigation door allowing 1.0 ±2.0mm gap on the bottom edge to allow free door function in opening and closing. (Fig. H1).

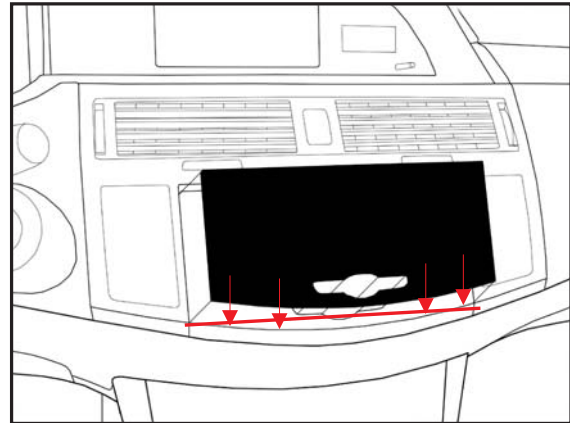


Fig. F1

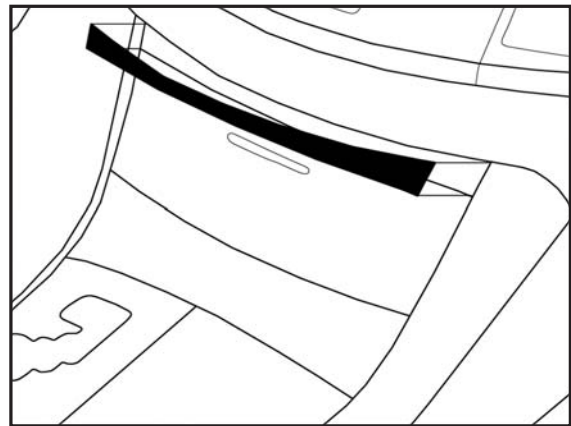


Fig. G1

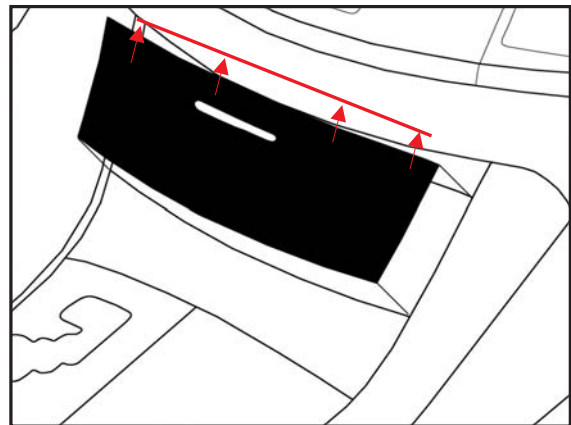


Fig. H1

C. Gently touch part into position.



4. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.



### I. Lower Navigation Trim



1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.

3. Position and secure part.



A. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. I1).

B. Gently touch part into position.



4. Verify alignment.



5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

### J. Install Shift Trim (2 pieces)



1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.

3. Position and secure part.



A. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. J1).

B. Gently touch part into position.



4. Verify alignment.



5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

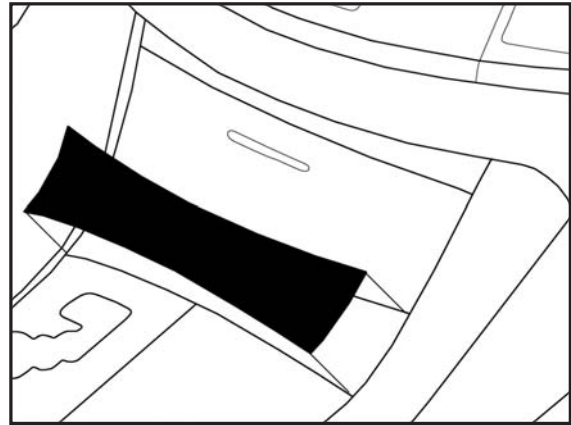


Fig. I1

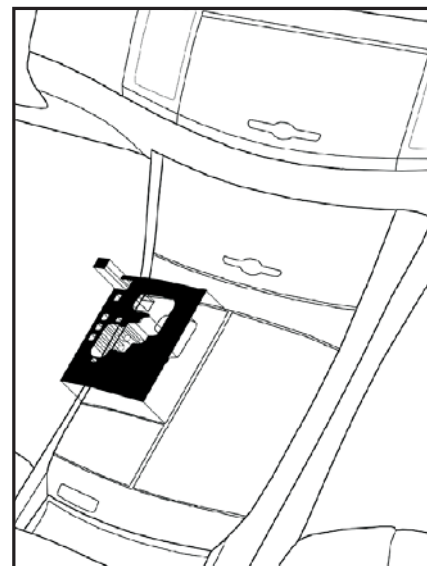


Fig. J1

### K. Install Cup Holder Lid Trim

- ➔ 1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
3. Position and secure part.
  - ⚠ A. Align part uniformly to the passenger's side of factory Cup Holder Lid. Edge of appliqué should be flush to the passenger side of factory component revealing gap on the drivers side edge,  $1.0 \pm 2.0\text{mm}$  (Fig.
- ⚠ 4. Verify alignment.
- ➔ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

### L. Install Shift Trim Plug

- ➔ 1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
3. Position and secure part.
  - ⚠ A. Align cutouts around buttons and dial.
  - ⚠ B. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. K1).
  - C. Gently touch part into position.
- ⚠ 4. Verify alignment and function of buttons and dial.
- ➔ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

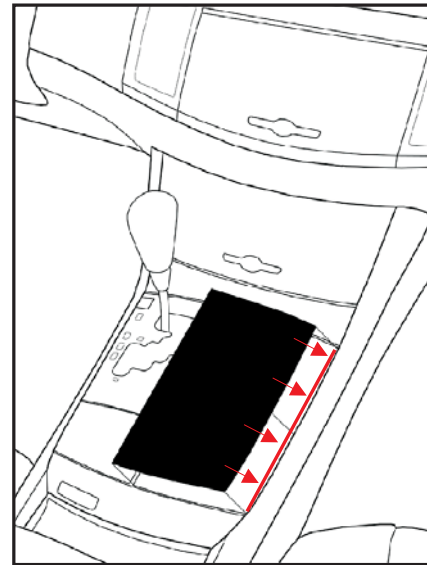


Fig. K1

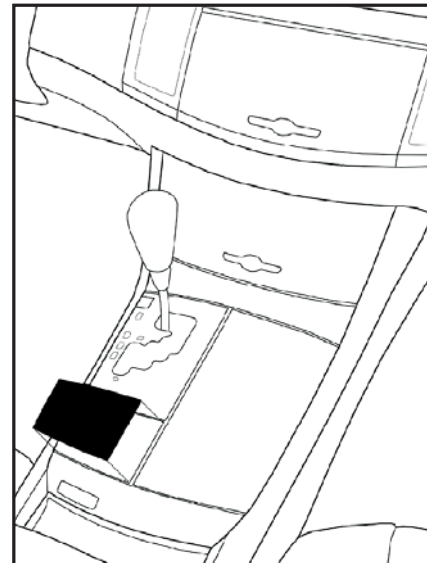


Fig. L1

**M. Install Storage Button Surround Trim**

- ➔ 1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
3. Position and secure part.
  - ⚠ A. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. M1).
  - ⚠ B. Gently touch part into position.
- ⚠ 4. Verify alignment.
- ➔ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.

**N. Install Passenger / Driver Side Vent Trim**

- ➔ 1. Follow steps to warm components as required.
2. Remove adhesive liners from part. Be sure not to touch adhesive backing prior to installation.
3. Position and secure part.
  - ⚠ A. Align part uniformly to edge of factory components. Edge of appliqué should be flush to edge of factory component,  $\pm 1.0\text{mm}$ . (Fig. N1).
  - B. Gently touch part into position.
- ⚠ 4. Verify alignment.
- ➔ 5. Press firmly into place. Roll fingertips in a back and forth motion to set adhesive. Be sure to roll thumb along outside and inside edges while applying pressure.
6. Repeat process for the remaining vent trim.

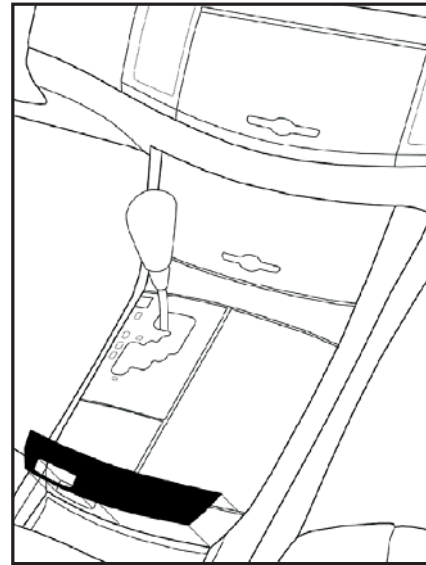


Fig. M1

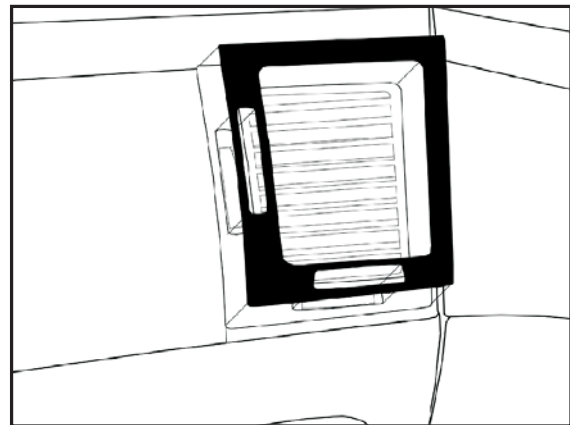


Fig. N1



Section III – Functional Verification

Check:

- Vent Control Wheels
- Radio Door Clearance
- Navigation Door Clearance
- Cup Holder Door Clearance
- Storage Door Button

Look For:

- Full movement, open and closed
- Radio door should open completely, no sticking.
- Navigation door should open completely, no sticking.
- Cup holder door should open completely, no sticking.
- Storage door button should function properly, no sticking.