

TOYOTA SEQUOIA 2008 - FENDER FLARE SET

Part Number : 00016-0C0830; 01,02;03;04;06;08;10;11;14 & 071
 Accessory Code: TG1



Review Document



This document is to be used for "Flares" made after 02/10/08. Starting at page 8 all flares made prior to 02/10/08 process begins.

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Left Front Fender Flare
2	1	Right Front Fender Flare
3	1	Left Rear Main Fender Flare
4	1	Right Rear Main Fender Flare
5	1	Left Rear Door Piece
6	1	Right Rear Door Piece
5	1	Hardware Bag

Color Applicability/Trim Level

Accessory Color	Super White (040)	Arctic White (071)	Silver Sky Metallic (1D6)	Slate Metallic (1F9)	Black (202)	Cactus Pearl (3Q7)	Desert Sand Mica (4Q2)	Pyrite Mica (4T3)	Timberland Mica (6T8)	Nautical Blue (8S6)
Vehicle/Trim Color										
Super White (040)	x									
Arctic White (071)		x								
Silver Sky Metallic (1D6)			x							
Slate Metallic (1F9)				x						
Black (202)					x					
Cactus Pearl (3Q7)						x				
Desert Sand Mica (4Q2)							x			
Pyrite Mica (4T3)								x		
Timberland Mica (6T8)									x	
Nautical Blue (8S6)										x

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	246"	Edge Trim
2	12	Black Tab
3	4	"S" Clip
4	4	Serrated Flange Screw
5	18	Hex Screw
6	4	Long Clip
7	4	Pan Head Screw
8	8	Door Clip
9	8	Door Screws

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	None	

Conflicts

Note:

Recommended Tools

Safety Tools	
Safety glasses	
Special Tools	
Phillips Screwdriver	
Socket Wrench	
10mm Socket	
Torque Wrench	
Installation Tools	
Nylon Tool	Standard
Wiping Cloth	Non-scratch, lint free
Special Chemicals	
Cleaner	Isopropyl Alcohol-Based

General Applicability

All Sequoia Models 2008-Up

Recommended Sequence of Application

Item #	Accessory
1	Fender Flare Set

*Mandatory

Vehicle Service Parts (may require some assembly)

Item #	Quantity Required	Description
1		

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.
- CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/ vehicle and to ensure a quality installation.
- TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.
- REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

TOYOTA SEQUOIA
Section I – Installation Preparation

FENDER FLARE SET

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.

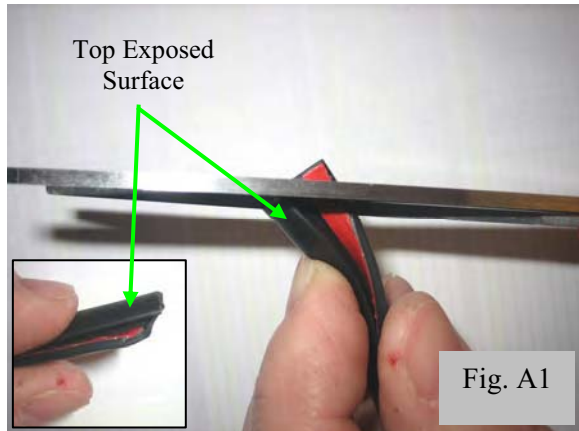


Fig. A1



Fig. A2

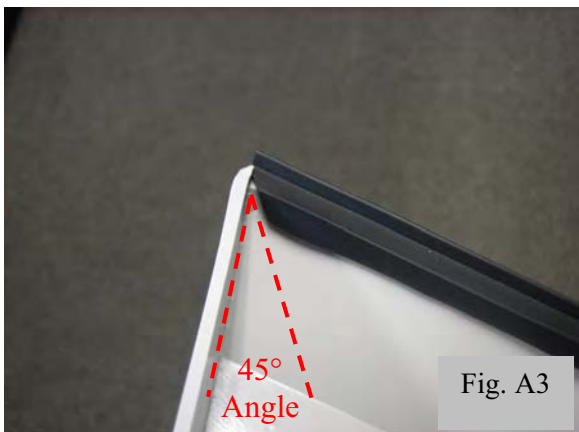


Fig. A3

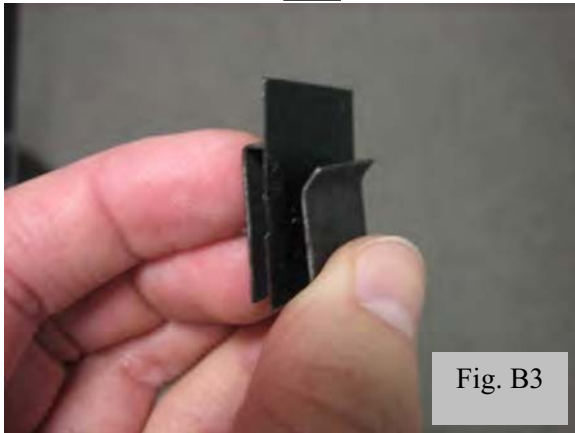
Section II – Installation Procedure

Care must be taken while installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to insure a quality installation.

These guidelines can be found in the “Accessory Installation Practices” document.

A. Installation Preparation

1. Verify that the part is for the correct vehicle model and that it fits the vehicle properly.
2. During installation, the vehicle, the part, and the tape **MUST** be between 60° and 110° F for proper adhesion. Failure to maintain proper installation procedure may result in the part not functioning correctly.
3. Inspect the vehicle for damage prior to installing the Fender Flares.
 - i. Paint: Prepare part surfaces per Toyota paint standards. Do not use lacquer thinner or enamel reducer as a degreaser.
4. Install Edge Trim. (Front: 85”, Rear Main, 53”, Door Piece: 35”)
 - i. For Rear Main and Door Piece, make sure end of edge trim is cut evenly, then cut underside of edge trim at a 45 degree bevel. (Fig. A1)
 - ii. Peel 2” of red plastic liner from adhesive strip.
 - iii. Apply to the edge of the flare, starting at one end of the outside of the flare and working to the other, pulling liner as you go. (Fig A2)
 - iv. For Rear Main and Door Piece, install beveled end snug against top corner of each part. (Fig



B. Install Front Flare

Note: Remove front factory bolts on running board to drill for plastic fastener. Torque factory running board to 14ft. lbs.

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Remove one factory screw located at rear of front wheel well. Discard. (Fig. B1)
3. Use a trim tool to remove two factory plastic fasteners located at front of front wheel well. Discard. (Fig. B1)
4. Remove one factory screw located at rear of mud flap area (under rocker). Discard. (Fig. B2)
5. Peel paper backing from supplied Black Tab. Adhere tab to supplied "S" Clip. (Fig. B3)
6. Position "S" Clip with Black Tab onto fender lip behind tab feature on fender, and slide forward until clip stops. (Fig. B4)
7. Position Front Flare on Fender. Hand start two supplied Hex Screws through flare and into hole locations shown. Do not tighten. (Fig B5)
8. Start a supplied Serrated-Flange Screw through topmost hole in flare and into "S" Clip installed in Step B5. Do not tighten. (Fig. B6)
9. Start two supplied Hex Screws through top rearward hole in Flare and top forward hole in Flare. Do not tighten. (Fig. B7)





Fig. B6



Fig. B7



Fig. B8



Fig. B9

10. Slide an "S" Clip/Black Tab combination on bumper lip, aligning with hole located at underside of Flare. (Fig. B8)
11. Start a supplied serrated flange screw through flare and into "S" Clip. Do not tighten. (Fig. B9)
12. Hand start a supplied Hex Screw through hole located at rear underside of flare (in mud flap area). Do not tighten. (Fig. B10)
13. Starting at rearmost fastener, apply pressure towards vehicle at each fastener point as you tighten all screws (working your way to the front).



Fig. B10



Fig. C1

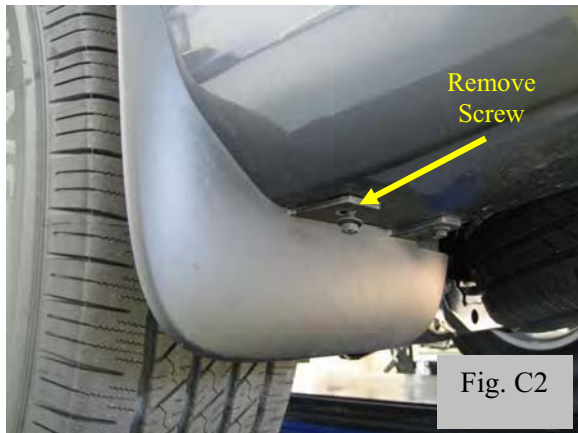


Fig. C2



Fig. C3



Fig. C4

C. Install Rear Main Flare

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Remove top three screws from rear of rear wheel well. Discard. (Fig. C1)
3. Remove screw from underside of mud guard. Discard. (Fig. C2)
4. Position Rear Main Flare on fender, aligning with edge of sheet metal along door, but not extending into the door seam (Fig. C3). Hand start three supplied Hex Screws in rear of rear wheel well, starting with the top screw and working your way down. (Fig. C4)
5. Start a supplied Hex Screw in underside of Rear Main Flare. (Fig. C5)
6. Pull forward portion of flare out from fender gently, and slide two supplied Long Clips onto fender lip, aligning holes in clips with holes in flare. (Fig. C6)
7. Start two supplied Pan Head Screws through holes in flare and into Long Clips. Apply pressure towards vehicle at each fastener point as you tighten all screws. (Fig. C7)



Fig. C5



Fig. C6



Fig. C7



Fig. D1

D. Install Rear Door Piece

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Position magnetic template on door, aligning vertical edge with edge of door seam, and the curved edge with the edge of the door along wheel well.
3. Using magnetic template as a guide, place four supplied Black Tabs on door in cut-out areas of template. (Fig. D1 and D2)
 - i. For Dealer Installation: If you do not have a template, make the following measurements to place the tabs on the door (either side). (See Page 8 for details)
 - (1) Measure 42mm from the edge of the door and make a mark. This will be the centerline for the first tab.
 - (2) Measure 175mm from the centerline of the first tab, to mark the centerline for the second tab.
 - (3) Measure 175mm from the centerline of the second tab, to mark the centerline for the third tab.
 - (4) Finally, measure 175mm from the centerline of the third tab, to mark the centerline for the fourth tab.
 - (5) Center tabs on marks made. (Fig. D3)

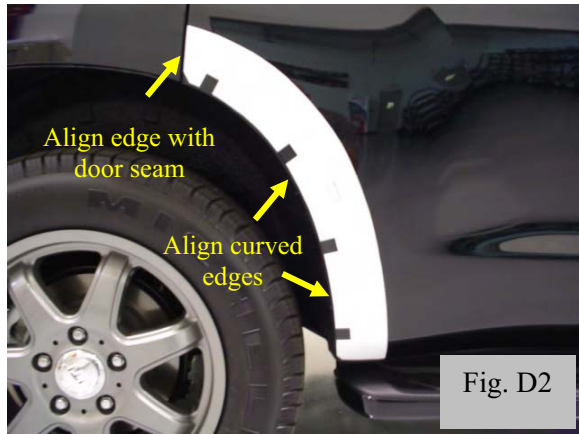


Fig. D2

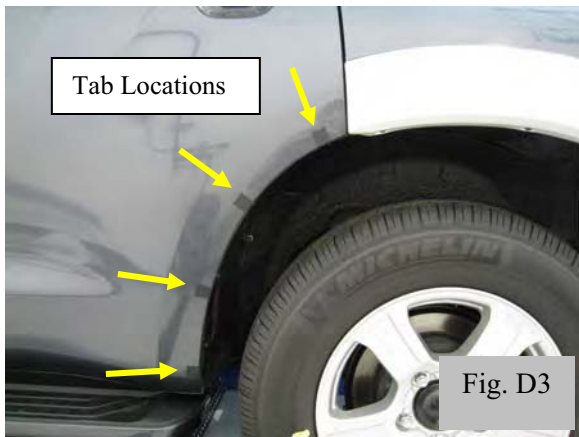


Fig. D3



Fig. D4



Fig. D5

4. Open the door, and slide four supplied Door Clips over door lip, centering on Black Tabs. (Fig. D4)

5. Snap each clip shut once aligned. (Fig. D5)

6. Position Door Piece on door, aligning with edge of door, but not extending into the door seam (Fig. D6), and start four supplied Door Screws. Once all screws have been started, apply pressure towards vehicle at each fastener point as you tighten all screws. (Fig. D7)



Fig. D6



Fig. D7

TOYOTA

SEQUOIA

2008 -

FENDER FLARE SET

Part Number : 00016-0C830; 01;02;03;04;06;08;10;11;14 & 071

Accessory Code: TG1

This document is for "Flares" made prior to 02/10/08

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Left Front Fender Flare
2	1	Right Front Fender Flare
3	1	Left Rear Main Fender Flare
4	1	Right Rear Main Fender Flare
5	1	Left Rear Door Piece
6	1	Right Rear Door Piece
5	1	Hardware Bag

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	246"	Edge Trim
2	12	Black Tab
3	4	"S" Clip
4	4	Serrated Flange Screw
5	6	Hex Screw
6	2	Plastic Fastener
7	4	Long Clip
8	4	Pan Head Screw
9	8	Door Clip
10	8	Door Screws

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	None	

Conflicts

Note:

Recommended Tools

Safety Tools	
Safety glasses	
Special Tools	
Phillips Screwdriver	
Socket Wrench	
10mm Socket	
Drill with 9/32" Bit	
Silicone Sealer	
Torque Wrench	
Installation Tools	
Nylon Tool	Standard
Wiping Cloth	Non-scratch, lint free
Special Chemicals	
Cleaner	Isopropyl Alcohol-Based
Distilled water	

Color Applicability/Trim Level

Accessory Color	Vehicle/Trim Color									
	Super White (040)	Arctic White (071)	Silver Sky Metallic (1D6)	Slate Metallic (1F9)	Black (202)	Cactus Pearl (3Q7)	Desert Sand Mica (4Q2)	Pyrite Mica (4T3)	Timberland Mica (6T8)	Nautical Blue (8S6)
Super White (040)	x									
Arctic White (071)		x								
Silver Sky Metallic (1D6)			x							
Slate Metallic (1F9)				x						
Black (202)					x					
Cactus Pearl (3Q7)						x				
Desert Sand Mica (4Q2)							x			
Pyrite Mica (4T3)								x		
Timberland Mica (6T8)									x	
Nautical Blue (8S6)										x

General Applicability

All Sequoia Models 2008-Up

Recommended Sequence of Application


Item #	Accessory	
1	Fender Flare Set	


*Mandatory


Vehicle Service Parts (may require some assembly)


Item #	Quantity Required	Description
1		


Legend

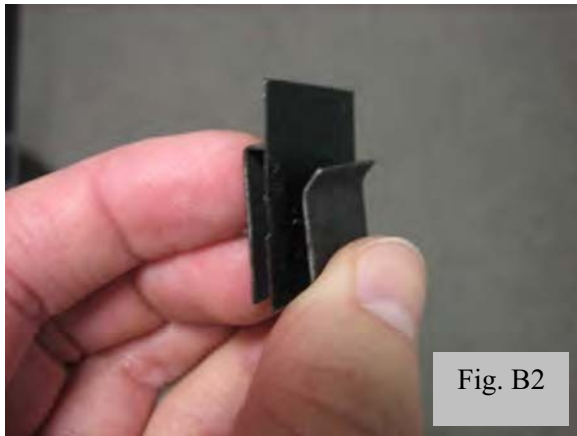
 **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.

 **OPERATOR SAFETY:** Use caution to avoid risk of injury.

 **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/ vehicle and to ensure a quality installation.

 **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.

 **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.



B. Install Front Flare

Note: Remove front factory bolts on running board to drill hole for plastic fastener. Torque factory running board to 14ft.lbs.

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Remove one factory screw located at rear of front wheel well. Retain for future use. (Fig. B1)
3. Use a trim tool to remove two factory plastic fasteners located at front of front wheel well. Discard. (Fig. B1)
4. Peel paper backing from supplied Black Tab. Adhere tab to supplied "S" Clip. (Fig. B2)
5. Position "S" Clip with Black Tab onto fender lip behind tab feature on fender, and slide forward until clip stops. (Fig. B3)
6. Position Front Flare on Fender. Hand start factory screw removed in Step B2 in rear of wheel well. Hand start a supplied hex screw through lower front hole in flare and into factory hole in bumper. Do not tighten. (Fig B4)
7. Start a supplied Serrated-Flange Screw through topmost hole in flare and into "S" Clip installed in Step B5. Do not tighten. (Fig. B5)
8. Start two supplied Hex Screws through top rearward hole in Flare and top forward hole in Flare. Do not tighten. (Fig. B6)



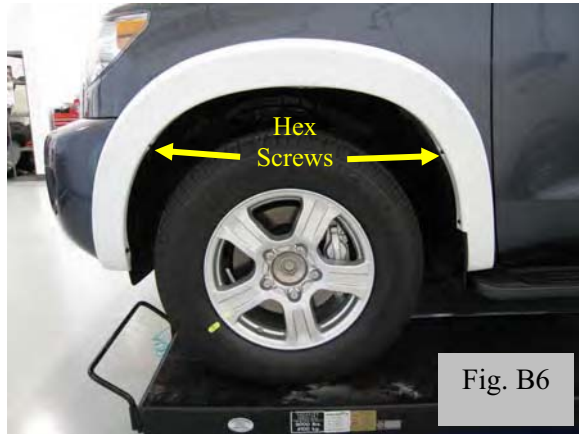


Fig. B6



Fig. B7



Fig. B8



Fig. B9

9. Slide an “S” Clip/Black Tab combination on bumper lip, aligning with hole located at underside of Flare. (Fig. B7)
10. Start a supplied serrated flange screw through flare and into “S” Clip. Do not tighten. (Fig. B8)
11. Peel liner from tape pad located at rear of Front Flare. (Fig. B9)
12. Making sure part is located properly, apply firm pressure to the taped area for proper bond.
 - i. Apply a minimum of 15 psi of pressure for at least ten seconds.
 - ii. The tape reaches maximum adhesive bond after 24 hours of contact.
13. After pressing part into place, use a drill with a 9/32” bit to drill a hole through bottom rear of flare, tape and sheet metal. (Fig. B10)
14. Apply silicone sealer to hole drilled in Step B12. (Fig. B11)
15. Push a supplied Plastic Fastener through hole in flare. (Fig. B12)
16. Starting at rearmost fastener, apply pressure towards vehicle at each fastener point as you tighten all screws (working your way to the front).

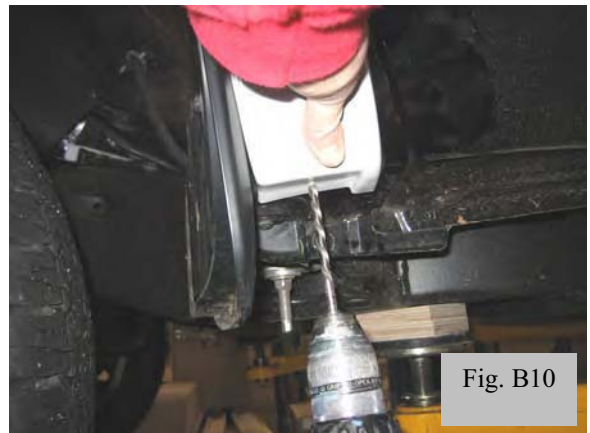


Fig. B10



Fig. B11



Fig. B12



Fig. C1

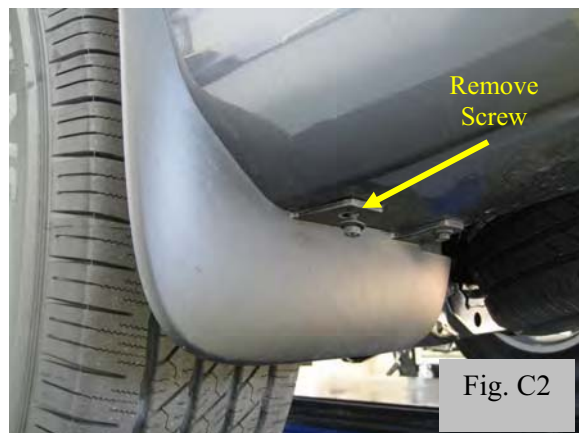


Fig. C2

C. Install Rear Main Flare

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Remove top three screws from rear of rear wheel well. Retain for future use. (Fig. C1)
3. Remove screw from underside of mud guard. Retain for future use. (Fig. C2)
4. Position Rear Main Flare on fender, aligning with edge of sheet metal along door, but not extending into the door seam (Fig. C3). Start three factory screws removed in Step C1, starting with the top screw and working your way down. (Fig. C4)
5. Start factory screw in underside of Rear Main Flare. (Fig. C5)
6. Pull forward portion of flare out from fender gently, and slide two supplied Long Clips onto fender lip, aligning holes in clips with holes in flare. (Fig. C6)
7. Start two supplied Pan Head Screws through holes in flare and into Long Clips. Apply pressure towards vehicle at each fastener point as you tighten all screws. (Fig. C7)



Fig. C3



Fig. C4



Fig. C5



Fig. C6



Fig. C7

D. Install Rear Door Piece

1. Make sure that all installation surfaces are free of dirt and/or grease.
 - i. Use a clean, lint-free cloth and isopropyl alcohol-based cleaner.
2. Position magnetic template on door, aligning vertical edge with edge of door seam, and the curved edge with the edge of the door along wheel well.
3. Using magnetic template as a guide, place four supplied Black Tabs on door in cut-out areas of template. (Fig. D1 and D2)
 - i. For Dealer Installation: If you do not have a template, make the following measurements to place the tabs on the door (either side). (See Page 8 for details)
 - (1) Measure 42mm from the edge of the door and make a mark. This will be the centerline for the first tab.
 - (2) Measure 175mm from the centerline of the first tab, to mark the centerline for the second tab.
 - (3) Measure 175mm from the centerline of the second tab, to mark the centerline for the third tab.
 - (4) Finally, measure 175mm from the centerline of the third tab, to mark the centerline for the fourth tab.
 - (5) Center tabs on marks made. (Fig. D3)



Fig. D1

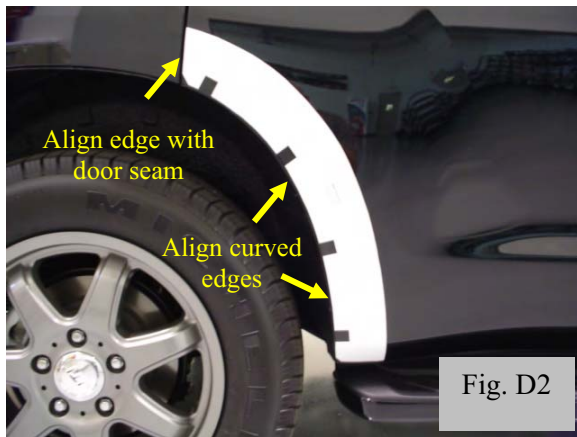


Fig. D2

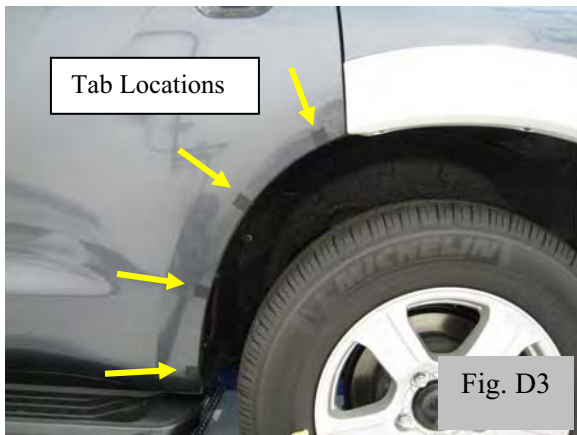


Fig. D3



Fig. D4

4. Open the door, and slide four supplied Door Clips over door lip, centering on Black Tabs. (Fig. D4)

5. Snap each clip shut once aligned. (Fig. D5)

6. Position Door Piece on door, aligning with edge of door, but not extending into the door seam (Fig. D6), and start four supplied Door Screws. Once all screws have been started, apply pressure towards vehicle at each fastener point as you tighten all screws. (Fig. D7)



Fig. D5

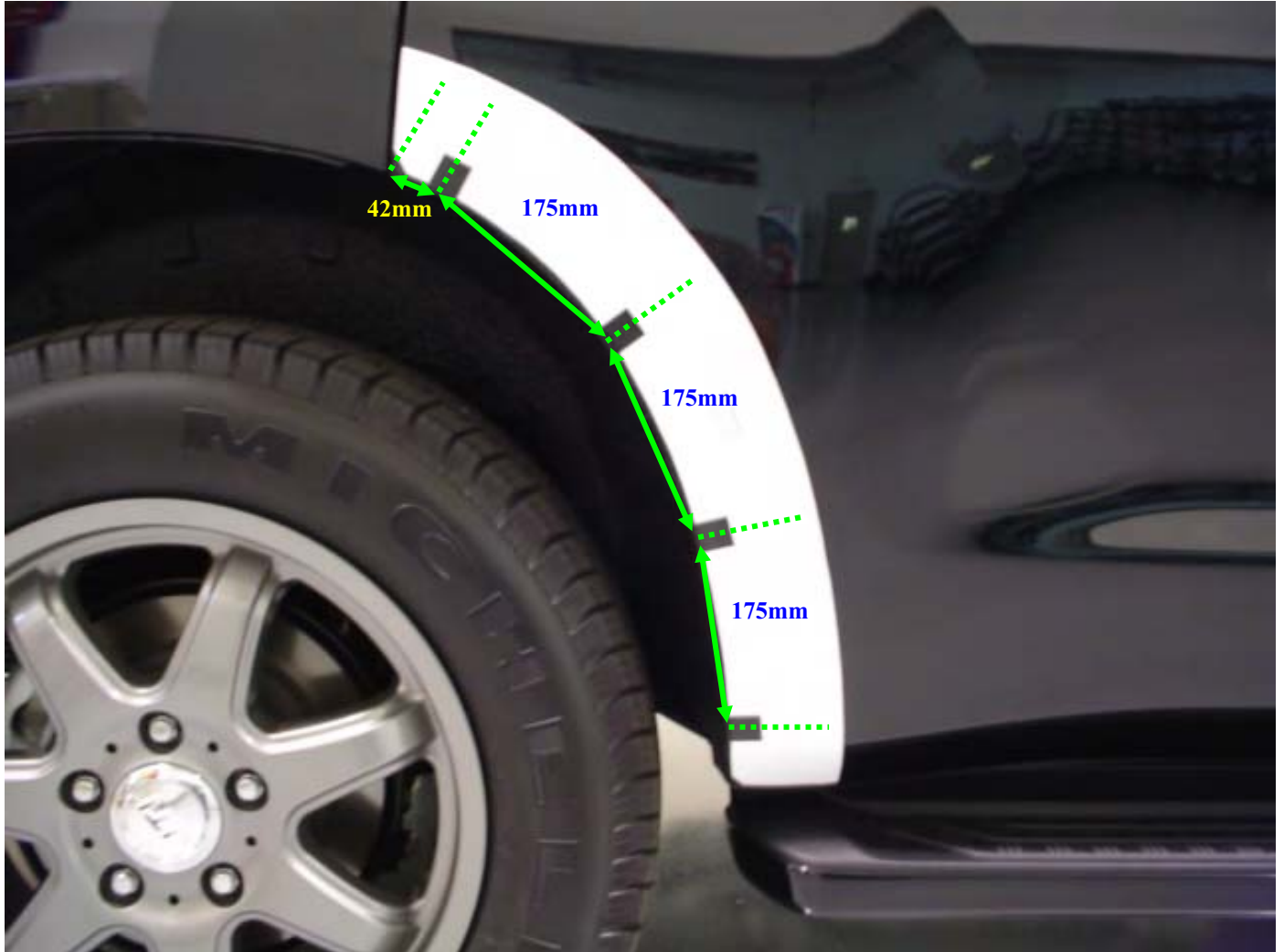


Fig. D6



Fig. D7

Details for Dealer installation of door pieces:



Page 14 & 15 are for "Fender Flares" made after & prior to 02/10/08

Checklist: these points MUST be checked to insure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Check</u>	
Rubber Molding	Uniform fit to truck w/no gaps visble.
Flare Fit	No overlapping of parts over door edge openings or gas door finger groove.
Paint Finish	No damage, dirt or finger marks.
Properly Torqued	Torque Target 14ft lbs. target (10.5 ft. lbs. min ~ 17.5 ft. lbs max) +/-25%
	Note: : Range provided by QA