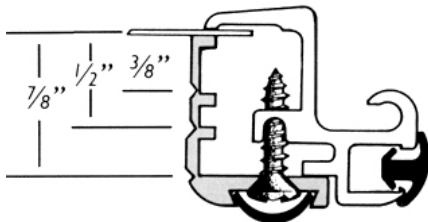


INSTALLATION SPECIFICATIONS AND INFORMATION 2004 MODEL YEAR

Proper Location of Sunroof

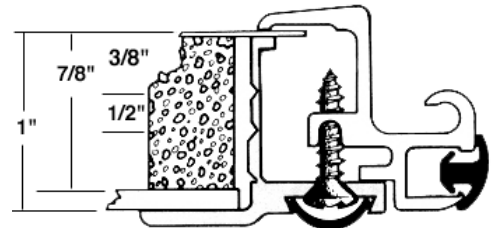
NOTE: These specifications are intended to be guidelines only. Car manufacturers may change specifications without notice. Determine the front to back position of the sunroof by placing the template inside the vehicle and determining the best possible position on the headliner. Transfer this position to the outside roof skin by dimpling the roof with an awl poked through the template at least 4 inches within the cut out area. Establish the vehicle center line by measuring side to side on the vehicle and dividing by two. Center the template on this line using the dimple to establish the front to back position. The depth measurements given in this guide are from where the windshield meets the interior trim at the inside center of the vehicle.

SFC and CRL do not accept responsibility for any sunroof location. Shaded areas reflect a general recommendation. It is the installer's responsibility to check and verify each application before beginning the installation.



T5 Universal Trim Ring

All Measurements Are Taken From The Interior And Are Shown With An Accuracy of +/- 1 Inch



T6 Molded Trim Ring

Interior Trim Ring Selection

The selection of the proper trim ring reflects an installer's choice, technique and ability. The T5 and T6 trim rings are universal, and can be adapted to a variety of headliner thickness. Adapting the ring to the desired configuration is shown on the installation instructions provided with the sunroof. The objective is to create a stack dimension, which will firmly squeeze the sealant, steel roof top, shim and headliner together (Approx. 7/8 Inch). If a trim ring other than the one pre-assembled to your sunroof is used, be sure to pre-assemble this new ring to the frame for easier installation.

Revised January 31, 2005

NOTE	EXPLANATION OF NOTES
B	A roof bow must be moved, removed or modified in order to properly place the sunroof. The portion of the bow at the edge of the sunroof installation must be trimmed to allow a one inch space between the edge of the sunroof and the cut end of the bow. This allows for proper shimming and a better finished product.
Consoles	Many vehicles, especially with higher trim level options, have overhead consoles. Modifications to this console may be required to install sunroofs in these vehicles. SFC Sunroofs does not provide exact specifications for this modification. Each vehicle may require a customized installation.
D	It is necessary to move the domelight. In most cases, you may reuse the original mounting bow or a section of it. Make sure that this mounting bow is grounded if it had been used as a ground in its original installation. Always remove the domelight fuse before cutting to prevent an electrical short.
Δ	This sunroof will fit in the vehicle listed. It will require expert installation and placement to assure a proper fit. Because of the intricacies of this installation, a setback measurement or notes may not be given.
Ds	A double steel roof is indicated by this symbol. Be aware of this factor when cutting the vehicle's roof and when determining the trim ring that you use.
F	A Newport 1828 (non Dual Contour) sunroof is recommended for this application. This version of the NP1828 is not dual contoured, and fits better in vehicles with flatter roofs.
W	This note recommends a wrapped headliner installation. This may allow a closer fit to the side rails or the header of the vehicle, and will give any vehicle an OEM appearance.

2004	1530	1735	1432	1528	1636	1732	1828	ES100	ES300 ES500	2032	2238	Comment
MAKE/MODEL	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	
DODGE Continued												
Ram Pickup Standard Cab	14.5,D		14.5,D	14.5,D	14.5,D							
Sprinter Low Top	Stamp											Fits roof stamping 4" drop in headliner
Stratus Coupe							12,B					
Stratus Sedan	10		10	10			13,D,B	12,D,B	11,D,B	11,D,B	10,D,B	
FORD												
Crown Victoria							13,D,B	12,D,B	14,D,B	14,D,B	12,D,B	
Econoline Van			10,D	10,D	10,D							Fill roof ridges
Escape	12,B		12	12			12,B	12,B	13,D,B	13,D,B	15,D,B	Ribs, console
Escort ZX2	7,B		7,B	8,B			11,D,B	10,D,B	10,D,B	10,D,B	8,D,B	
Excursion	11,B		11,B	11,B			13,D,B	12,D,B	13,D,B	13,D,B	11,D,B	Ribs, console
Expedition	11,B		11,B	11,B			13,D,B	12,D,B	13,D,B	13,D,B	11,D,B	Ribs, console
Explorer			12	12			12		12,B	12,B	12,B	Ribs, console
Explorer Sport Trac	12,B		12	12			12,B	12,B	13,D,B	13,D,B	15,D,B	Ribs, console
F-150 Ext. Cab Heritage	10		10	10	10		10	11	12	12	10	
F-150 Std. Cab Heritage	10,B		10,B	10,B	10,B		10,B	10,D,B	11,D,B	11,D,B	10,D,B	
F-150 Supercrew Heritage					10		10					Ribs, console
F-150 Ext. Cab	13	13	13	13	13	13	13	13	13	13	13	Ribs, console
F-150 Std. Cab	13	13	13	13	13	13	13	13	13	13	13	Ribs, console
F-150 Supercrew	13	13	13	13	13	13	13	13	13	13	13	Ribs, console
Freestar	20,B	20,B	20,B	20,B	20,B	20,B	20,B	20,B	20,B	20,B	20,B	Console
Focus	10		10	10			10	10	10	10	10	
Superduty Pickup 250/350	10,B		10,B	10,B	10,B		10,B	11,B	12,B	12,B	10,B	Front reinforcement
Mustang	8,B		8,B	8,B				9,D,B	10,D,B	10,D,B	9,D,B	
Ranger Extended Cab	8,B		9,B	9,B	7,B		7,B	11,D,B	9,D,B	9,D,B	9,D,B	
Ranger Standard Cab	9,B		9,B	9,B	8,B		8,B		10,B			
Taurus	9		10	10			12,D,B	10,D,B	12,D,B	11,D,B	10,D,B	
Taurus Wagon	10		10	10			9,D,B		11,D,B			
Windstar Van	10		10	10			10	12,D,B	11,D,B	11,D,B	11,D,B	
GMC												
Envoy	10,B,W		10,B,W	10,B,W			10,B,W	10,B,W	9,B,W	9,B,W	9,B,W	Console
Canyon Ext. Cab	13,D,B		14,D,B	13,D,B			13,D,B	13,D,B	13,D,B			
Canyon Std. Cab	13,D,B		14,D,B	13,D,B			13,D,B	13,D,B	13,D,B	14,D,B	14,D,B	
Canyon Crew Cab	13,D,B		14,D,B	13,D,B			13,D,B	13,D,B	13,D,B	14,D,B	14,D,B	
Safari			Δ	Δ								Flatten ribs
Savana Van					Δ							Flatten ribs
Sierra Crew Cab	12B		12B	12B	12							Console, ribbed roof
Sierra Extended Cab	12B		12,B	12,B	11,B		11,B		11,B	10,B	10,B	Console
Sierra Standard Cab	12B		12,B	12,B	11,B		11,B		11,D,B	10,D,B	10,D,B	Console
Yukon	10,B	10,B	10,B	10,B	10,B	10,B			9,B	8,B	8,B	Console
HONDA												
Accord	15,D,B		16,D,B	15,D,B			13,D,B	13,D,B	13,D,B	13,D,B	13,D,B	
Civic 2 Dr, 3 Dr	11,B		11,B	10,B			9,B	11,D,B	11,D,B	11,D,B	11,D,B	
Civic 4 Dr	10,B		10,B	10,B			13,D,B	12,D,B	12,D,B	12,D,B	10,D,B	
CR-V	11,B		11,B	11,B			11,B	11,B	12,D,B	12,D,B	11,D,B	
Element								16				Ribbed roof, console
Insight	12		12	12			15,D,B	14,D,B	12,D,B	12,D,B	12,D,B	
Odyssey	13,B		13,B	13,B			13,B	13,B	15,B	15,B	13,B	Console
Passport	10	10	10	10	10	10	10	10	12	12	10	
Pilot	11,B	11,B	11,B	11,B	11,B	13,B	13,B	11,B	11,B			
HYUNDAI												
Accent	12,D,B			9				10,D,B				
Accent GT	12,D,B		13,D,B	12,D,B			11,D,B	10,D,B	10,D,B	10,D,B	10,D,B	
Elantra GLS	9		9	9			7	13,D,B	11,D,B	11,D,B	11,D,B	
Elantra Wagon	No Sunroof Recommended Due to Multi-level Roof											
Santa Fe								14,B	14,B	14,B		Ribbed roof
Sonata	11,B		11,B	11,B			11,B	10,B	12,D,B	12,D,B	12,D,B	
Tiburon	8,B		8,B	8,B			12,D,B	11,D,B	10,D,B	10,D,B	9,D,B	
XG350								15,D,B	15,D,B	15,D,B	13,D,B	
INFINITI												
G35, I35, FX45, M45, Q45	All Inspected Vehicles Have Factory Installed Sunroofs											
QX56	All Inspected Vehicles Have Factory Installed Sunroofs											
ISUZU												
Ascender	10,B,W		10,B,W	10,B,W			10,B,W	10,B,W	9,B,W	9,B,W	9,B,W	Console
Axiom	13		13	13			13		13,D,B	13,D,B	15,D,B	Console
Rodeo	10	10	10	10	10	10	10	10	12	12	10	
JEEP												
Grand Cherokee			15				15		15	15	15	Flatten ribs in rear
Liberty	14,B		14,B	14,B			14,B	14,B,F	15,B	15,B	14,B	Console, ribbed roof

2004	1530	1735	1432	1528	1636	1732	1828	ES100	ES300 ES500	2032	2238	Comment
MAKE/MODEL	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	Depth,Notes	
JEEP (cont)												
Wrangler	6		6	6		6	6	6	6	6	6	Ribs, fiberglass
KIA												
Amanti	14		14	14		14	14	14	14	14		
Optima	18		13,B	13,B		16,D,B	15,D,B	13,D,B	13,D,B	13,D,B		
Rio Cinco	14,D,B		14,D,B	14,D,B		14,D,B	14,D,B	14,D,B	14,D,B	14,D,B	14,D,B	
Sedona	14		14,B	14,B		14,B	14,B	14,B	14,B	14,B	14,B	Console
Sorento	14		14	14		14,B	14,B	15,D,B	15,D,B	14,B		Console
Spectra LS	17,D,B						14,D,B					
Spectra SX	13,D,B		13,D,B	13,D,B		13,D,B	14,D,B					
LAND ROVER												
Discovery II	19	19	19	19	19	19	19	21	21	19		
Freelander	13		13	13		13	13	13	13	13		
Range Rover	All Inspected Vehicles Have Factory Installed Sunroofs											
LEXUS												
All Inspected Vehicles Have Factory Installed Sunroofs												
LINCOLN												
Aviator			12	12		12		12,B	12,B	12,B		Ribs, console
LS	15,B		15,B	15,B		15,B	15,B	16,B	16,B	15,B		
Navigator	11,B		11,B	11,B		13,D,B	12,D,B	13,D,B	13,D,B	11,D,B		Ribs, console
Town Car	12		12	12		11	11	12,B	12,B	13,B		
MAZDA												
Mazda 3 4 Door	11		11	11		11	11	10	10	11		
Mazda 3 5 Door	11		11	11		11	11	10	10	11		
Mazda 6 Sedan	14,B		14,B	14,B		14,B	14,B	14,B	14,B	14,B		
Mazda 6 Wagon	14,B		14,B	14,B		14,B	14,B	14,B	14,B	14,B		
MPV		Δ			Δ	Δ						Console must be cut
MX-5 Miata	8		8									Optional fiberglass top
Pickup Extended Cab	8,B		9,B	9,B	7,B	7,B	11,D,B	9,D,B	9,D,B	9,D,B		
Pickup Standard Cab	9,B		9,B	9,B	8,B	8,B						
Protégé	13,D,B		9	9		13,D,B	12,D,B	12,D,B	12,D,B	10,D,B		
Tribute	12,B		12	12		12,B	12,B	13,D,B	13,D,B	15,D,B		Ribs, console
MERCEDES BENZ												
All Inspected Vehicles Have Factory Installed Sunroofs												
MERCURY												
Grand Marquis		13,D,B				14,D,B	13,D,B	12,D,B	12,D,B	12,D,B	10,D,B	
Monterey												Console Front to Rear
Mountaineer			15	15		15						Ribs, console
Sable	9		10	10		12,D,B	10,D,B	11,D,B	11,D,B	10,D,B		
Sable Wagon	9		10	10		9,D,B						
MINI												
Cooper				15			15,F	15				
MITSUBISHI												
Diamante	10,B		10,B	10,B		10,B	10,B	12,B	12,B	10,B		
Eclipse	11		11	11		11	11	13	13	11		
Endevor	15		15	15	15	15	15	15	16	16	15	
Galant	10		10	10								Heavy brace
Lancer	11		11	11		14,D,B	13,D,B	11,D,B	11,D,B	11,D,B		
Montero Sport	10,B	10,B	10,B	10,B	10,B	10,B	10,B	12,B	12,B	10,B		Console
Montero	8.5	8.5	8.5	8.5	8.5	8.5	8.5	10	10	8.5	13,D,B	
Outlander	11		11	12		10	16,D,B	13,D,B	13,D,B	12,D,B		
NISSAN												
Altima	12,B		12,B	12,B		14,D,B	13,D,B	12,D,B	12,D,B	12,D,B		
Armada	14	14	14	14	14	14						Console
Frontier Pickup Crew Cab	9, B	9, B	9, B	9, B	9, B	9, B	9, B	9, B	9, B	9, B		
Frontier Pickup Extended	9	9	9	9	9	9	9	9	10	10	9	
Frontier Pickup Standard	9	9	9	9	9	9	9	9			7.5	
Maxima	12		13	13		17,D,B	16,D,B	15,D,B	15,D,B	14,D,B		
Murano	12	12	12	12		17	17	15,D,B	15,D,B	15,D,B		
Pathfinder	15,B		15,B	15,B		15,B						
Titan	14	14	14	14	14	14						
Sentra						13,D,B	12,D,B	11,D,B		12,D,B		
Xterra	9		9	9	9	9						
Z350			13									
OLDSMOBILE												
Alero	12,D,B		13,D,B	12,D,B		12,D,B	12,D,B	12,D,B	12,D,B	12,D,B		
Bravada	10,B,W		10,B,W	10,B,W		10,B,W	10,B,W	9,B,W	9,B,W	9,B,W		Console
Silhouette									12,B	11,B		Console
PONTIAC												
Aztek	10,B		10,B	10,B	10,B	10,B	10,B	11,B	11,B	10,B		

