

Technical Service BULLETIN

May 24, 2002

Title:

CHILD RESTRAINT SEAT TOP STRAP **BRACKET INSTALLATION**

Models:

'83 – '00 All Models

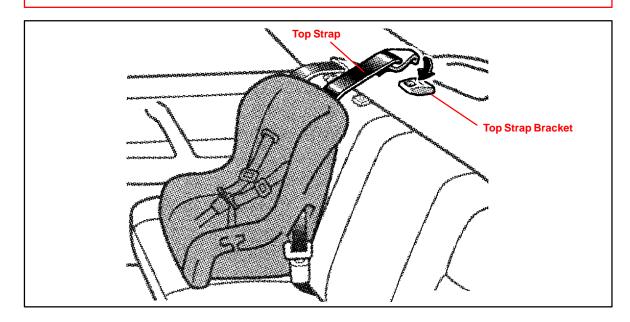


Introduction

Child restraint seat top strap bracket installation procedures are provided to supplement the Owner's Manual. Beginning with 2001 models, the top strap brackets are factory installed.

NOTE:

- The child restraint seat top strap assembly is not available as a service part. Contact the child restraint seat manufacturer for recommended top strap information. top strap to child restraint seat installation instructions, and top strap retailers.
- · The top strap brackets can only be installed on vehicles that have nuts welded in place by the factory. The locations of these nuts can be found in the Owner's Manual (for most 1983 and newer models.) Toyota does not recommend modifying vehicles that do not have nuts welded in place by the factory. Some Land Cruiser and RAV4 vehicles, prior to 2001 model year, may not have these nuts welded in by the factory.



Applicable Vehicles

• 1983 - 2000 model year vehicles, all models.

Parts Information

PART NUMBER	PART NAME
73709–12010	Bracket Sub-Assembly (Bracket, Bolt, 10 mm Spacer, and Washers)
04731–22012	CRS Kit (two Bolts [15 mm, 30 mm], three Spacers [5 mm, 10 mm, 15 mm], and Locking Clip)

Warranty Information

OP CODE	DESCRIPTION	TIME	OPN	T1	T2
N/A	Not Applicable to Warranty	_	_	-	_



Installation Procedure

Child Restraint Seat Top Strap Bracket Installation

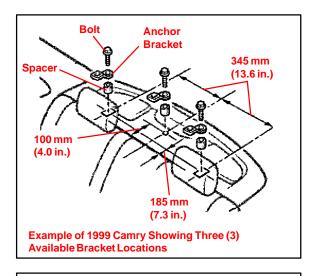
Obtain the exact year and vehicle model Toyota Owner's Manual before beginning installation.

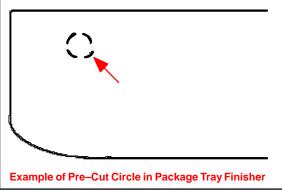
 Confirm with the customer which seat location(s) they will be installing the child restraint seat. The Owner's Manual seat section provides an illustration showing available top strap bracket location(s). The illustration page in the Owner's Manual is provided in pages 4–9 of this bulletin.

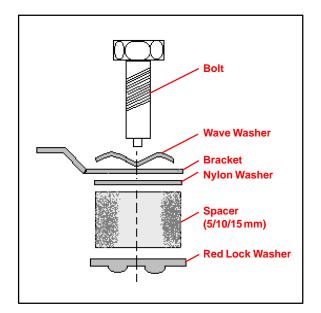
NOTE:

Determine which kit parts are needed for each specific child seat location, by referring to pages 4–9 of this bulletin.

- 2. Remove a 20 mm diameter area of the carpet or trim material above the bracket mounting location. In some vehicles, a 20 mm circle is already pre–cut into the interior trim material. Once the interior trim material is removed, the nuts welded in by the factory should be visible.
- If a 5 mm or 15 mm spacer is specified, remove the red lock washer from the Bracket Sub–Assembly (P/N 73709–12010) and remove the 10 mm spacer. Assure the red lock washer is re–installed onto the bolt. If a 5 mm spacer is needed, use the 15 mm bolt from the CRS Kit (P/N 04731–22012).

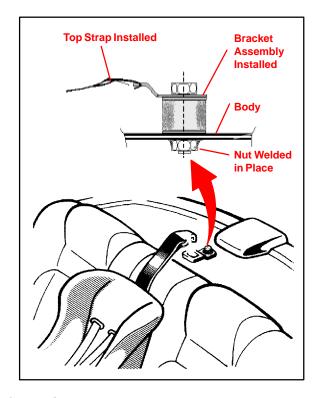






Installation Procedure (Continued)

- Install the bracket assembly, according to the directions in the Owner's Manual. Tighten the bolt to 16.5 – 24.7 N-m, (1.68 – 2.52 kgf-m, 12.2 – 18.2 ft-lbf).
 - Assure the top strap is attached to the child seat, according to the child seat manufacturer's instructions.
 - Assure the child seat is installed in the vehicle according to the Toyota Owner's Manual (seat section).

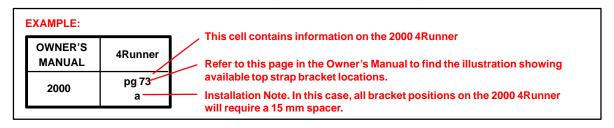


Installation Reference Information

Owner's Manual Installation Reference Information

The following pages of this bulletin contain a reference information chart. This chart contains:

- Owner's Manual page(s) that provide the illustration showing available top strap bracket location(s). The information goes back to 1983 model year. 2001 models and newer already had the bracket installed by the factory.
- Installation notes, such as bracket spacer sizes for each specific child seat location.



INSTALLATION NOTE	COMMENT						
а	Spacer – 15 mm for all anchors						
b	Spacer – 10 mm for outer, 15 mm for center						
С	Spacer – 15 mm for outer, 10 mm for center						
d	Spacer – 5 mm for all anchors						
е	Spacer – 15 mm for outer, none for center						
f	Spacer – 15 mm for center, none for outer						
g	No Spacer						
h	Spacer – 10 mm for all anchors						
i	Bolt for All-Trac/4WD only (Part No. 91511-60814) (Celica & Previa)						
NP	Spacer pictured but no specifications						
N/A	Top strap anchor bracket mounting not available						
Standard	No installation necessary, anchor already installed by factory						

OWNER'S MANUAL	4Runner	Avalon	Camry Sedan	Camry Liftback	Camry Solara	Camry Wagon	Celica All Trac 4WD	Celica Coupe
2000	pg 73 a	Standard	Standard		Standard			
1999	pg 71 a	pg 72 a	pg 71–73 a		pg 68 a			pg 49 a
1998	pg 53 a	pg 70 a	pg 68–69 a					pg 48 a
1997	pg 52 a	pg 52 a	pg 56–57 a					pg 45 a
1996	pg 45 NP	pg 40 a	pg 47 a			pg 48 a		pg 37 a
1995	pg 31 g	pg 39 a	pg 44–45 a			pg 45 a		pg 36 a
1994	pg 29 g		pg 41–42 a			pg 42 a		pg 31 a
1993	pg 26 g		pg 33 a			pg 33–34 a	pg 30 i, g	pg 29 a
1992	pg 26 g		pg 27 a				pg 30 i, g	pg 29 a
1991	pg 27 g		pg 29 c			pg 29 g	pg 29–30 i, g	pg 29 a
1990	pg 27 g		pg 29 c			pg 29 g	pg 29–30 i, g	pg 29 a
1989	pg 31–33 g		pg 32 c			pg 33 g	pg 29–30 i, g	pg 31 a
1988	pg 19–20 g		pg 32 b			pg 32 g	pg 16 i, g	pg 16 a
1987	pg 18 g		pg 15 b			pg 16 g		pg 13 a
1986	pg 17 g		pg 13 e	pg 14 f				pg 12 a
1985	pg 16 g		pg 13 e	pg 13 f				pg 12 a
1984	pg 15–16 g		pg 13 e	pg 13 f				pg 12 a
1983			pg 12–13 e	pg 13 f				pg 11–12 a

OWNER'S MANUAL	Celica Liftback	Corolla FWD Sedan	Corolla FWD Liftback	Corolla 4WD Wagon	Corolla Coupe	Corolla FX/FX16	Corolla Hardtop	Corolla RWD 2-Door Coupe
2000	Standard	Standard						
1999	pg 49 a	pg 67 a						
1998	pg 49–50 a	pg 65 a						
1997	pg 46–47 a	pg 61 h						
1996	pg 37–38 a	pg 49 h						
1995	pg 37–38 a	pg 43 h						
1994	pg 32 a	pg 39 h						
1993	pg 30 g	pg 32–33 h						
1992	pg 30 g	pg 34 h		pg 34 g				
1991	pg 29–30 g	pg 44 h		pg 45 g	pg 45 a			
1990	pg 29–30 g	pg 44–45 h		pg 46 g	pg 45 a			
1989	pg 31 g	pg 40 h		pg 41–42 g	pg 41 a			
1988	pg 16 g	pg 21–22 h			pg 22 a	pg 26 f		
1987	pg 13 g	pg 13–14 a	pg 14 f					pg 12 h
1986	pg 13 g	pg 12 a	pg 12 f					pg 12 h
1985	pg 13 g	pg 13 a	pg 14 f					pg 12 h
1984	pg 12 g	pg 12–13 a	pg 13 f					pg 12 h
1983	pg 12 g	pg 10 a	pg 11 g		pg 11 g		pg 10 h	

OWNER'S MANUAL	Corolla RWD 3-Door Coupe	Corolla Wagon	Cressida	Cressida Wagon	Echo	Land Cruiser	MR2	Paseo Coupe & Convert.
2000					Standard	N/A		
1999						N/A		pg 63 a
1998						N/A		pg 61 a
1997						N/A		pg 55 a
1996		pg 49–50 h				N/A		pg 40 h
1995		pg 44 h				N/A	pg 38 a	pg 37 h
1994		pg 40 h				N/A	pg 33 a	pg 33 h
1993		pg 33 h				N/A	pg 31 a	pg 31 h
1992		pg 35 h	pg 29 c			N/A	pg 31 a	pg 27 h
1991		pg 46 h	pg 29 c			N/A	pg 31 a	
1990		pg 46–47 g	pg 30 c			N/A		
1989		pg 42 a	pg 34 c			N/A	pg 28 a	
1988		pg 23 h	pg 30 h			N/A	pg 12 a	
1987	pg 13 g		pg 21 h	pg 21 g		N/A	pg 11 a	
1986	pg 12 g		pg 16 h	pg 16 g		N/A	pg 11 a	
1985	pg 11 g		pg 15–16 h	pg 16 g		N/A	pg 11 a	
1984	pg 11 g		pg 15 g	pg 15 g		N/A		
1983		pg 11 g	pg 15 g	pg 15 g		N/A		

OWNER'S MANUAL	Previa	RAV4	RAV EV	Sienna	Starlet	Supra	T100 Ext. Cab 2WD	T100 Ext. Cab 4WD
2000		N/A	Standard	pg 99 a				
1999		N/A	N/A	pg 96 a				
1998		N/A		pg 74 a		pg 49 d	N/A	N/A
1997	pg 60 a	N/A				pg 49 d	N/A	N/A
1996	pg 47–48 a	N/A				pg 36 d	N/A	N/A
1995	pg 46–47 a					pg 36–37 d	N/A	N/A
1994	pg 41–42 a					pg 32–33 d		
1993	pg 41–42 a					pg 32–33 d		
1992	pg 37–38 i					pg 32 h		
1991	pg 33–34 i					pg 33 h		
1990						pg 31 h		
1989						pg 31 h		
1988						pg 32 h		
1987						pg 15 h		
1986						pg 13–14 g		
1985						pg 13 g		
1984					pg 9 g	pg 12 g		
1983					pg 9 g	pg 11 g		

OWNER'S MANUAL	T100 Reg Cab 4WD	T100 Reg Cab 2WD	Tacoma	Tercel 2 Door	Tercel 4WD Wagon	Tercel 3/5	Tercel 4WD	Tercel All Models
2000			N/A					
1999			N/A					
1998	N/A	N/A	N/A					
1997	N/A	N/A	N/A					
1996	N/A	N/A	N/A					
1995	N/A	N/A	N/A					
1994	N/A	N/A						
1993	N/A	N/A						
1992								
1991								
1990				pg 31 a		pg 31 h		
1989				pg 30–31 a		pg 30 h		
1988				pg 18 a, d		pg 17 h		
1987					pg 12 g		pg 12 g	
1986					pg 12 g		pg 12 g	
1985								pg 11–13 g
1984								pg 11 g
1983								pg 11 g

OWNER'S MANUAL	Tercel Sedan/ Coupe	Tercel Wagon	Truck 2x4	Truck 4x4	Tundra	Van
2000					Standard	
1999	pg 60 h					
1998	pg 59 h					
1997	pg 54 h					
1996	pg 41 h					
1995	pg 38 h					
1994	pg 39 h		pg 32 g	pg 32 g		
1993	pg 35 h		pg 27 g	pg 27 g		
1992	pg 29 h		pg 27 g	pg 27 g		
1991	pg 28 h		pg 26 g	pg 26 g		
1990			pg 26 g	pg 26 g		
1989			pg 29 g	pg 29 g		pg 37 a
1988			pg 13 g	pg 19 g		pg 23 a
1987	pg 12 g	pg 11 g	pg 14 g	pg 18 g		pg 21 a
1986	pg 12 g	pg 12 g	pg 13 g	pg 17 g		pg 20 a
1985			pg 12 g	pg 15 g		pg 17 a
1984			pg 12 g	pg 12 g		pg 17 a
1983			N/A	N/A		