

LATCH Manual Updates • 2017-2018

Change is a constant! Updates to the 2017 LATCH Manual are listed below by Chapter/Appendix and page number. You'll find changed text is marked with a strike-through and the updated text is in red. In some cases, a PDF version is available. Click on the PDF if you'd prefer a printer-friendly version that can be cut/pasted in to your 2017 *LATCH Manual*.



as of **/**/2018 Look for this logo to find the most recent updates.

If you'd like to be notified by e-mail when updates are made to this page, please register (top right of the www.saferideneews.com homepage) and then edit your profile to subscribe to *LATCH Manual Updates*. [Click here](#) for detailed instructions.

You can scroll through the changes below as they appear in order in the manual, or jump to a particular Chapter/Appendix by clicking on the Chapter or Appendix of interest. Sections with updates are indicated by colored font.

Chapter 1	Chapter 5	Appendix A
Chapter 2	Chapter 6	Appendix B
Chapter 3	Chapter 7	Appendix C
Chapter 4	Chapter 8	Appendix D

Updates to Appendix A:

Page A-5, APRICA

REASON FOR UPDATE: Change in the inflatable seat belt policy. Revise the following information, under Inflatable Seat Belt (ISB) Policy, by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page A-5.

~~Do not install the CR using an inflatable seat belt. Install using LATCH instead, or move the CR to a position with a suitable seat belt type.~~ **Aprica now allows the use of Ford vehicle lap-shoulder ISBs with RF-only CRs when installed without the base.**

At this time, Aprica still does NOT allow the use of ISBs for installation with RF-only car seats installed with a base. Aprica strongly encourages consumers to utilize the LATCH system for RF-only car seats installed with a base.

Page A-6, BABY JOGGER

REASON FOR UPDATE: Change in the inflatable seat belt policy. Revise the following information, under Inflatable Seat Belt (ISB) Policy, by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page A-6.

~~Do not install the CR using an inflatable seat belt. Install using LATCH instead, or move the CR to a position with a suitable seat belt type.~~ **Baby Jogger now allows the use of Ford vehicle lap-shoulder ISBs with RF-only CRs when installed without the base.**

At this time, Baby Jogger still does NOT allow the use of ISBs for installation with RF-only car seats installed with a base. Baby Jogger strongly encourages consumers to utilize the LATCH system for RF-only car seats installed with a base.

Page A-15, CHICCO

REASON FOR UPDATE: Introduction of the new RF-only model, Fit2, and updated NextFit, NextFit iX. The information provided in the 2017 *LATCH Manual* for all Chicco and other Chicco RF-only CRs may also be applied to these new and updated models. Updates to the LATCH Manual would appear as given below.

Rear-Facing-Only CRs

KeyFit, KeyFit 30, KeyFit Zip

Use **KeyFit** from 4 to 22 pounds and up to 30 inches; use **KeyFit 30** and **Zip** from 4 to 30 pounds and up to 30 inches.

Fit2

Use **Fit2** from 4 to 35 pounds and up to 35 inches.

Convertible CRs

NextFit, NextFit Zip, NextFit CX, NextFit iX

Use rear facing from 5 to 40 pounds, forward facing from 22 to 65 pounds, and up to 49 inches.

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as of 06/29/2018

Page A-37, GRACO

REASON FOR UPDATE: Change in the policy for tether hook orientation. Revise the following information, under Tethers, by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page A-37.

Tether hook orientation: ~~May NOT be turned backwards (180-degree twist) to connect to tether anchor.~~ **Tether hook may be twisted 180-degrees to accommodate a vehicle tether anchor location, only if approved by the vehicle manufacturer and the tether can be used properly.**

Page A-39, GRACO

REASON FOR UPDATE: Change in the inflatable seat belt policy. Revise the following information, under Inflatable Seat Belt (ISB) Policy, by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page A-39.

~~Do not install a RF or harnessed FF CR using an ISB. Install using LATCH instead, or move to a position with a suitable belt. An ISB may be used to secure the child riding in a highback or backless BPB (or a model in BPB mode).~~ **Graco now allows the use of Ford vehicle lap-shoulder ISBs with RF-only CRs when installed without the base. Convertible, combination, and all-in-one CRs are also approved, but when installing DO NOT use the shoulder belt lock-off with inflatable belt systems. All models of Graco booster seats may continue to be used with Ford ISBs. This includes all Turbo Booster models, Nautilus used as a belt positioning booster (both with and without back) and Smart Seat, 4Ever and Milestone all-in-one CRs used as a belt positioning booster.**

At this time, Graco still does NOT allow the use of ISBs for installation with RF-only car seats installed with a base. Graco strongly encourages consumers to utilize the LATCH system for RF-only car seats installed with a base.

Page A-49, NUNA

REASON FOR UPDATE: Change in the policy regarding center installation using LAs with nonstandard spacing, Rava Convertible CRs only. Revise the following information, under LA Attachments, by adding the text in red. [Click here](#) for a PDF that has been formatted so it can be printed, cut out, and attached to page A-49.

All CRs

LA Attachments

- **Center installation** using LAs with nonstandard spacing: **Pipa, Pipa Lite, Aace:** Not allowed. Install using LA attachment in standard LATCH positions only (LAs 11 inches apart). **Rava Convertible CR:** Allowed. **Installation using inner LA bars of outboard positions permitted if vehicle instructions specifically allow, the bars are spaced not less than 11 inches apart, and if doing so results in a proper installation as described in the owner's manual.**

Page A-59, RECARO

REASON FOR UPDATE: Recaro provided an updated CR weight for the Recaro Performance Crossover. Revise the following information, under All Recaro CRs/LA Attachments, by replacing the struck-out text with the text in red:

CRs made approximately February 27, 2014, and after:

Convertible CRs: *On models made February 27, 2014, until February 2015 (**ProRIDE** and **Performance RIDE**), a child weight limit of 45 pounds for installation using LA attachment is stated on CR labels. On all models introduced after 2014 and **ProRIDE/ Performance RIDE** units made since February 2015, this statement limiting LA attachment use to a child weight of 45 pounds appears next to the LATCH-routing diagram, (following updated FMVSS 213 requirements), with the exception of **Performance Crossover**, which states a child weight limit of ~~40~~ **35** pounds for installation with the LA attachment.*

Page A-61, RECARO

REASON FOR UPDATE: Recaro provided an updated CR weight for the Recaro Performance Crossover. Revise the box on this page by replacing the struck-out numbers with the numbers in red:

RECARO—CR Weights (in pounds)

Use this product weight, when needed, to calculate the child weight limit for LATCH. **Remember:** For CRs made since February 2014, simply follow the LA attachment limit provided by labels and manuals.

Como/Como G2.....	17.4
EURO	18.2
Performance Crossover	33 30
Performance Racer.....	25

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Page A-66, TEUTONIA

REASON FOR UPDATE: Change in the inflatable seat belt policy. Revise the following information, under Inflatable Seat Belt (ISB) Policy, by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page A-66.

~~—Do not install the CR using an inflatable seat belt. Install using LATCH instead, or move the CR to a position with a suitable seat belt type.~~ **Teutonia now allows the use of Ford vehicle lap-shoulder ISBs with RF-only CRs when installed without the base.**

At this time, Teutonia still does NOT allow the use of ISBs for installation with RF-only car seats installed with a base. Teutonia strongly encourages consumers to utilize the LATCH system for RF-only car seats installed with a base.

Updates continued on next page.

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Updates to Appendix B:

REASON FOR UPDATE: Typo in notes field. (However, note that the information elsewhere in the table that indicates presence of LATCH by seating position is correct as printed.)

Page B-77, Ford

Revise the note on this page by deleting the struck-out text.

F250 SUPER DUTY	Pickup: Super Cab	17	TA	(2) LATCH	(3) TAs are loops behind seat tops. To tether, follow guidance in notes for MY01 F-250 Super Duty, Super Cab. Center: May use inner LA bars of outboard LATCH to install CR. If used for center, LAs may not be used for either OB position. Width between inner LAs is 25.7 inches (652 mm). Lower Anchors: Not present. FMVSS 225 and CMVSS 210 don't require LAs because vehicle exceeds maximum gross vehicle weight rating (8,500 lbs./3,856 kg).
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Page B-78, Ford

REASON FOR UPDATE: Typo in notes field. (However, note that the information elsewhere in the table that indicates presence of LATCH by seating position is correct as printed.)

Revise the note on this page by deleting the struck-out text.

F250 SUPER DUTY	Pickup: Crew Cab	17	TA	(2) LATCH	(3) TAs are loops behind seat tops. To tether, thread tether strap through loop directly behind the vehicle seat, and then attach tether hook to the tether loop behind either outboard position (for installation of CR in center) or behind the center seating position (for installation of CR in either outboard position). May tether two outboard CRs to center TA at same time. Center: May use inner LA bars of outboard LATCH to install CR. If used for center, LAs may not be used for either OB position. Width between inner LAs is 25.7 inches (652 mm). Lower Anchors: Not present. FMVSS 225 and CMVSS 210 don't require LAs because vehicle exceeds maximum gross vehicle weight rating (8,500 lbs./3,856 kg).
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Page B-135, Lexus

REASON FOR UPDATE: Typo in notes field.

Revise the note on this page by deleting the struck-out text.

GX470	SUV	03-09	TA	(2) LATCH	(3) TAs on backs of seats Head Restraints (HRs): To tether, remove HR. After tethering, reinstall HR. Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed . 2nd Row: DO NOT use center position when LAs are used in the outboard-behind-driver-side position. This might cause the seat belt to be pulled up too high on the passenger's abdomen, causing injury. See OM for additional information.
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Page B-136, Lexus

REASON FOR UPDATE: Typo in notes field.

Revise the notes on this page by deleting the struck-out text (two models).

RX 330	SUV	04-06	TA	(2) LATCH	(3) TAs on backs of seats Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR. Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed .
RX 350	SUV	07-15	TA	(2) LATCH	(3) TAs on backs of seats Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR. Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed .

Page B-137, Lexus

REASON FOR UPDATE: Typo in notes field.

Revise the note on this page by deleting the struck-out text.

RX400 H	SUV	06-08	TA	(2) LATCH	(3) TAs on backs of seats Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR. Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed .
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Page B-138, Lexus

REASON FOR UPDATE: Typo in notes field.

Revise the notes on this page by deleting the struck-out text.

GX 460	10-16	LATCH (offset to outboard- behind-driver side)	Behind- passenger side: LATCH Behind-driver side: TA	N/A	None	(3) TAs on backs of seats Lower Anchors: To access, fold horizontal flap forward and open vertical slits. 2nd and 3rd Row: DO NOT use center position when LAs.... Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed with LATCH (2 nd row) or with seatbelt. 2 nd or 3 rd row). Head Restraints (HRs): To tether, put HR in upmost position and route tether under it.
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Page B-138, Lexus

REASON FOR UPDATE: Typo in notes field.

Revise the notes on this page by deleting the struck-out text.

LX 470 SUV	98-00	TA point	(2) TA points	None	None	2nd Row: (3) TA points are drilled holes on floor, in front of 3 rd row seat; see "Tether anchor retrofit" bullet.
	01-07	LATCH	Behind-driver side: LATCH Behind- passenger side: TA			2nd Row: (3) TAs on floor, in front of 3 rd row seat Head Restraints (HRs): To tether, set HR to lowest position and route tether over it. Vehicle Seatback: Put the seatback in the first locked position to install a CR is installed .

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Page B-152, Mercedes-Benz

REASON FOR UPDATE: Error in notes field (however, note that the information elsewhere in the table that indicates presence of TAs by seating position is correct as printed).

Revise the notes on this page by replacing the struck-out numbers with the numbers in red (two models).

GL-CLASS SUV	07-15	TA	(2) LATCH	N/A	(2) LATCH	<p>2nd Row: (23) TAs on backs of seats</p> <p>3rd Row: (2) TAs are cargo tie-down rings on cargo area floor, nearest the seat; use only cargo tie-downs noted in OM.</p> <p>RECALL, MY14: LAs of 2nd row OB-behind-driver position might not be accessible. Use seat belt or other seating position to install CR until dealer inspects and, if necessary, replaces seat bottom. NHTSA Campaign #14V158000.</p>
GLS	16-17	TA	(2) LATCH	N/A	(2) LATCH	<p>2nd Row: (23) TAs on backs of seats</p> <p>3rd Row: (2) TAs are labeled cargo tie-down rings on cargo area floor; use only the cargo tie-downs specified.</p>

Page B-166, NISSAN

REASON FOR UPDATE: Clarification confirming lack of tethering option for the behind-driver side seat, as stated in the table.

Revise the note on this page by adding the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page B-166.

FRONTIER	Pickup, King Cab (4-door Access Door)	05-10	N/A	Behind- passenger side: TA (see notes for use directions and limitations)	<p>Front Seat, Passenger: TA on back of seat</p> <p>2nd Row: (1) TA on back wall, under a plastic cover by the rear seat belt buckles. To tether a CR, thread strap through routing bracket (directly behind the vehicle seat; behind marked cover plate), and then attach tether hook to TA. (Although some MY10 vehicles have a panel cover on the behind-driver side, there is no routing bracket there.) Also, heed notes that follow. In MY11 and newer vehicles, may tether two outboard CRs to center TA at same time</p> <p>OB-Behind-Passenger Position: Before using a BPB or installing a CR (regardless of installation method), follow OM instructions to set up the seat extender: Lift the seat bottom, pull up on the seat extender, extend each leg, and then fold the seat/extender down to the use position. When a RF CR is installed here, the front passenger seat may not be occupied. Find photos of this technique at www.saferidenews.com, LATCH Gallery.</p> <p>OB-Behind-Driver Position: Due to its shallow depth, a CR is likely to overhang the vehicle seat cushion. For this reason, Nissan's Snug Kids guide recommends against using CRs in this position. Also, the OM states that a RF CR should not be installed here using any installation method. MY05-10 OMs, add that FF CRs and boosters should not be used here, and MY11-17 OMs say to install a FF CR or booster in this position only if its footprint does not extend beyond the vehicle seat cushion. See the "Seating positions limitations" bullet, which applies when this position is considered for CR installation.</p> <p>RECALL, MY10: Some vehicles manufactured June 10–26, 2010 have a front passenger seat TA that is attached by a weld that fails to meet specifications. See Nissan to inspect and, if necessary, repair. NHTSA Campaign #10V372000.</p> <p>Passenger-Side Air Bag: Advanced air bag; see OM for additional information.</p>
		11-17		(2) LATCH (see notes for use directions and limitations)	

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Page B-167, NISSAN

REASON FOR UPDATE: Correction regarding presence of center seating position.

Revise the note on this page by replacing the struck-out text with the text in red. [Click here](#) if you'd like to see a PDF that has been formatted so it can be printed, cut out, and attached to page B-167.

MAXIMA	4-door	Mid-01-17	MY04-Mid-07: N/A (see note) Other MYs: TA	(2) LATCH	(3) TAs on rear filler panel MY04-Mid-07: In these MYs, some vehicles have this is a 4-passenger vehicle, no center seating position. RECALL, MY05: Some vehicles have LAs that do not meet the location requirements of FMVSS 225, which makes access difficult. Dealer will replace the LAs with modified ones. NHTSA Campaign #05V338000. MY15: In this MY, no vehicles produced for this model.
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Page B-200, Toyota

REASON FOR UPDATE: Addition of hybrid model type for clarification.

Revise the “body” fields for these two models on this page by adding the text in red.

AVALON	4-door Sedan & Hybrid	00-02	TA	(2) TAs	(3) TAs on rear filler panel Head Restraints (HRs), MY00-04: To tether, remove HR. After attaching tether, reinstall HR. Head Restraints (HRs), MY05 and Newer: To tether, set HR to lowest position and route tether over it.
		03-17		(2) LATCH	
CAMRY	4-door Sedan & Hybrid	00-01	TA	(2) TAs	(3) TAs on rear filler panel Head Restraints (HRs), MY12-17: To tether, route tether over the center of the nonadjustable HR. Head Restraints (HRs), MY10-11 and MY00-06: To tether, remove HR. After attaching tether, reinstall HR. Head Restraints (HRs), MY07-09: To tether, set HR to lowest position and route tether over it.
		02-17		(2) LATCH	

Page B-201, Toyota

REASON FOR UPDATE: Addition of hybrid model type for clarification.

Revise “body” field for this model on this page by adding the text in red.

HIGH-LANDER	SUV & Hybrid SUV	01-03	None	(2) LATCH	(2) TAs (MY01-03) or (3) TAs (MY04-07) on backs of seats Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR.
		04-07	TA		
		08-10			

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Page B-203, Toyota

REASON FOR UPDATE: Addition of hybrid model type for clarification.
Revise “body” field for this model on this page by adding the text in red.

RAV4	SUV & Hybrid SUV	01-05	TA	(2) LATCH	(2) TAs on backs of outboard seats and (1) TA on floor in cargo area for center position Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR.
		06-11			(2) TAs on backs of outboard seats and (1) TA on ceiling for center position. Find TA photos at www.saferideneews.com , LATCH Gallery. Head Restraints (HRs): To tether, remove HR. After attaching tether, reinstall HR. Vehicle Seatback: To install a CR with LATCH: MY10: Recline the seatback to the third locked position from most upright. Find... MY11: Recline the seatback to the seventh locked position from most upright.
		12-17			(3) TAs on backs of seats Tether Anchors, MY14: Some vehicles require the seatback fabric to be cut away... Center, MY12-15: Follow guidance in notes for MY12-14 Rav4 EV. Center, MY16-17: See “Seating position limitations” bullet and OM for details. Vehicle Seatback: MY12: Recline the seatback to the seventh locked position from most upright... MY13-17: Lift the seatback to the eighth locked position from most reclined...

Page B-207, Toyota

REASON FOR UPDATE: Correction regarding the tether anchors.

Revise the note on this page by replacing the struck-out text with the text in red. [Click here](#) if you’d like to see a PDF that has been formatted so it can be printed, cut out, and attached to page B-207.

TUNDRA	Pickup: Crew Max	14-17	TA	(2) LATCH	(3) TAs behind seat tops (metal rings inside routing loops) (routing loops also serve as tether anchors). To tether, thread tether strap under the head restraint and through loop directly behind the vehicle seat, and + Then attach tether hook to the metal ring in the routing tether loop that is behind the outboard-behind-passenger seating position (for installation of CR in center) or behind the center seating position (for installation of CR in either outboard position). Find TA photos at www.saferideneews.com, LATCH Gallery. Multiple CRs Using TAs: Although not stated in the OM, two outboard CRs may be tethered to the center TA at the same time. It is also okay to have three CRs installed (tethered or not) at the same time, although advice in the “Seating position limitations” bullet must be followed. Head Restraints (HRs): To tether, raise or remove HR. After attaching tethering, reinstall HR restore the HR to its lowered position, if possible.
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Page B-209, Toyota

REASON FOR UPDATE: Addition of hybrid model type for clarification.
Revise “body” field for this model on this page by adding the text in red.

HIGH-LANDER SUV & Hybrid SUV	08-13	TA	(2) LATCH	N/A	None	(2) TAs on backs of outboard seats and (1) TA on bottom of.... Head Restraints (HRs): To tether, lift HR and route tether under it. Return HR to lowest position after tether hook is attached. 2nd Row Seatback, MY 10-13: Recline to the third locked position from most upright when installing a CR with LATCH. 2-Row Model, MY08-10: See “Vehicles with one or two rows.”
	14-17	7-pass.: N/A 8-pass.: TA		TA		(3) TAs (7-pass.) or (4) TAs (8-pass.) on backs of seats. 2nd Row, MY14-15: DO NOT use center position when LAs are used in the outboard-behind-passenger position. This might... 2nd Row, MY16-17: OM warns about crowded adjacent seating, as described in “Seating position limitations” bullet. Head Restraints (HRs): To tether, lift HR and route tether under it. Return HR to lowest position after tether hook is attached... Vehicle Seatback: Put the seatback in the first locked position to install a CR (all installation methods, both rows).

Updates continued on next page.

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Updates to Appendix C:

Page C-2 and C-3, Table C1

REASON FOR UPDATE: Change in the center installation using LAs with nonstandard spacing policy for the Nuna Rava Convertible CR. Revise the table headings (both pages) and footnotes by adding the text in red.

May install a CR in the center using LAs with non-standard spacing, if the space between LAs is:			11 or more inches	11-22 inches	11-20 inches	11-18 inches	11-16 inches	Any CR brand not listed*
Vehicle Make	Vehicle model (All years, unless MY noted)	Width apart (inches)	Aprica, Baby Jogger, Dorel, Graco ⁽¹⁾ , Harmony, Nuna ⁽⁴⁾ , Tomy, phil&teds, Teutonia	Hauck, iCoo, Uppa-baby	Britax, ⁽²⁾ Cybex Evenflo, GB, IMMI, Orbit, R82, Recaro Simple Parenting, Urbini	Triple Play, Kiddy ⁽³⁾	4Moms	

Footnotes for certain CR manufacturers: (1) **Graco:** Excludes convertible, combination, and all-in-one Graco models with push-on LA connectors. (2) **Britax:** Allowed only with Britax models made prior to 2015 for which permission is given in the owner's manual. (3) **Kiddy:** Maximum-allowed LA spacing is 17.7 inches.

(4) **Nuna:** Allowed only with the Nuna Rava convertible CR.