

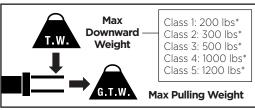
# TECHNICAL **INFORMATION**

## What to Know About Hitch Racks

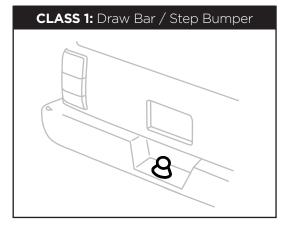
Thule Rear Hitch Racks provide the ultimate in protection for both bicycle and vehicle. They're extremely easy to use and easy to install. All you need is a 2" or 11/4" receiver hitch on your vehicle and you're on your way.

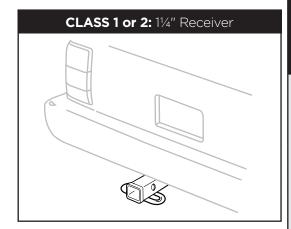
#### What's a receiver hitch?

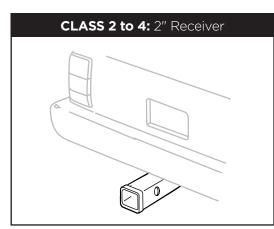
A welded steel structure that is bolted to the vehicle frame. Receiver hitches are rated by class 1-4. This rating is limited or determined by the gross towing weight (G.T.W.) and tongue weight (T.W.).



\*Always double check with your receiver or vehicle manufacturer as these values can change per your specific application.







	• mounted		a trailer or other to							
	Hitch Rack	Receiver	Max. Capacity	Max. Weight (lbs)						
	T2 Pro / T2 Pro X1	•								
	9034/9034XT	2″	2 bikes (class 2-4)	120						
щ	9035/9035XT	11⁄4″	2 bikes (class 1-2)	100						
TΥI	9034XT + 9036XT	2″	4 bikes (class 2-4)	160						
РLATFORM STYL	T2 Classic									
OR	9044	2″	2 bikes (class 2-4)	120						
ТЕ	9045	11⁄4″	2 bikes (class 1-2)	100						
ĽA.	9044 + 9046	2″	4 bikes (class 2-4)	160						
Δ.	Doubletrack / Doubletrack Pro									
	990XT/9054	2"/1¼"	2 bikes (class 1-4)	70						
	EasyFold									
	9032	2"/1¼"	2 bikes (class 1-4)	130						
	Helium Aero									
	9042	2"/ 1¼"	2 bikes (class 1-4)	70						
	9043	2"/ 1¼"	3 bikes (class 1-4)	105						
	Apex		1	1						
	9025	2"/ 1¼"	4 bikes (class 2-4)	140						
	9026	2″	5 bikes (class 2-4)	150						
Ē	Apex Swing		1	1						
STY	9027	2″	4 bikes (class 2-4)	140						
5	Vertex	r	1	1						
HANGING-STYLE	9028XT	2"/ 1¼"	2 bikes (class 1-4)	70						
AN	9029XT	2"/ 11⁄4"	4 bikes (class 2-4)	140						
Ŧ	9030XT	2″	5 bikes (class 2-4)	150						

4 bikes (class 2-4)

4 bikes (class 2-4)

4 bikes (class 2)

2 bikes (class 2-4)

140

140

105

70

Racks will increase overall vehicle length.

Use care when backing up. Do not install any hitch

On certain size bumpers and tailgates, some hitch racks may interfere with the opening of the tailgate. Check clearance by tilting the hitch rack down and lowering the tailgate carefully the first time.

2″

2"

11⁄4″

2"

Parkway 956

957

958

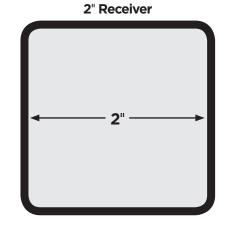
Vertex Swing 9031XT

#### **Hitch Type & Compatibility**

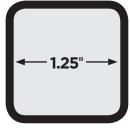
The following guide will help you select the best hitch rack for your specific vehicle dimensions and carrying needs.



### What size is my hitch?





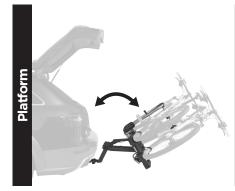


# What class is my hitch?

- Check the sticker on your hitch to determine its class.
- If there is no sticker you can still find the perfect hitch rack that will fit your car. If your receiver is 1.25" it is either a Class I\* or II, if it's 2" it is a Class III or IV. Choose a hitch rack that fits your receiver and then double-check the "**Hitch Fit Tips**" beginning on page 380 to ensure the proper fit.

\*Combination of hitch rack and bicycles loaded should not exceed the tongue weight specified by the vehicle and/or hitch receiver manufacturer. Class I receivers are limited to a maximum of 2 bikes.

## Determine what style hitch rack you want



Holds bikes by the wheels and accommodates any frame style, including downhill mountain bikes.

Capacity: 2 or 4 bikes



Holds bikes by the frame and allows rear-of-vehicle access when fully loaded.

Capacity: 4 bikes



Holds bikes by the frame and tilts down to allow rear-of-vehicle access.

Capacity: 2, 3, 4 or 5 bikes

# 4 Choose your hitch rack

				Hitch Class				
	Hitch Rack	Receiver	l 1.25" hitch with stop	ll 1.25" hitch no stop	III/IV 2" hitch	Max. Capacity	Max. Weight (lbs)	
	T2 Pro / T2 Pro XT	•						
	9034/9034XT	2″			~	2 bikes	120	
Σ	9035/9035XT	11⁄4″	~	~		2 bikes	100	
<u>6</u>	9034XT + 9036XT	2″			~	4 bikes	160	
PLATFORM	T2 Classic							
Ъ	9044	2″			~	2 bikes	120	
	9045	11⁄4″	<ul> <li>✓</li> </ul>	~		2 bikes	100	
	9044 + 9046	2″			~	4 bikes	160	
	Doubletrack / Dou	ıbletrack Pı	<i>'</i> 0					
	990XT/9054	2"/1¼"	<ul> <li>✓</li> </ul>	~	~	2 bikes	100	
	EasyFold							
	9032	2"/1¼"	<b>v</b>	<ul> <li>✓</li> </ul>	<b>v</b>	2 bikes	130	
	Apex Swing							
N.	9027	2″			~	4 bikes	140	
SWING	Vertex Swing							
•/	9031XT	2″			~	4 bikes	140	
	Helium Aero							
	9042	2"/ 1¼"	<ul> <li>✓</li> </ul>	~	~	2 bikes	70	
	9043	2"/ 1¼"	*2 bike Max	~	~	3 bikes	105	
	Apex							
	9025	2"/ 1¼"	*2 bike Max	~	~	4 bikes	140	
	9026	2″			~	5 bikes	150	
ТІЦТ	Vertex							
F	9028XT	2"/ 1¼"	<ul> <li>✓</li> </ul>	~	~	2 bikes	70	
	9029XT	2"/ 1¼"	*2 bike Max	~	~	4 bikes	140	
	9030XT	2″			<b>v</b>	5 bikes	150	
	Parkway							
	956	2″			✓	4 bikes	140	
	957	11⁄4″	*2 bike Max	~		4 bikes	105	
	958	2″			<b>v</b>	2 bikes	70	

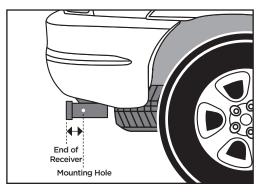
\*Class I receivers have a maximum capacity of two (2) bikes.

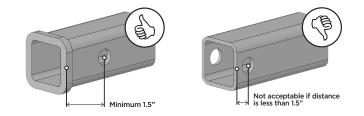
#### **Hitch Fit Tips**

# 1 Ch

### Check your pin hole depth

There are a small number of receiver hitches on the market that have a distance of less than 1.5 inches from the center of the hitch pin hole to the face of the receiver. For both safety and performance, Thule requires this distance to be at least 1.5 inches as shown in the below images.





\*Thule has specifically tested the following Subaru receiver hitches and approved them for use with Thule Vertex 2 Bike 9028/9028XT bike carriers only.

Subaru XV Crosstrek Receiver - L1010FJ610
 Subaru Forester Receiver - L1010SG610

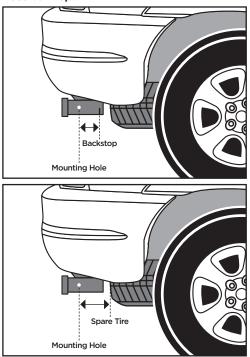
# Check your Receiver Depth

To ensure proper fit, it's important to know the depth of your receiver. Determine this by doing the following:

- With a ruler inserted in the receiver, measure from the center of the hitch mounting hole to the point where you make contact with an obstacle. **This is your Receiver Depth.**
- If you do not contact a back-stop or your hitch receiver does not have a backstop, another potential point of contact could be an undercarriage-mounted spare tire or the undercarriage itself.
- Using the table in the next page, compare your measurement to see which hitch racks will work with your vehicle.

Your Receiver Depth must be equal to or greater than the product measurement listed in the table for a proper fit.

#### **Receiver Depth**



	Hitch Rack	<b>Receiver Depth</b>
	T2 Pro / T2 Pro XT	
	9034/9034XT	2.5"
	9035/9035XT	1.38"
Σ	9034XT + 9036XT	2.5"
PLATFORM	T2 Classic	
Щ	9044	2.63"
۲.	9045	1.38"
٩	9044 + 9046	2.63"
	Doubletrack / Doubletrack Pro	
	990XT/9054	1.5"
	EasyFold	
	9032	1.38"
Ċ	Apex Swing	
ž	9027	1.38"
SWING	Vertex Swing	
0/	9031XT	2.5"
	Helium Aero	
	9042/9043	1.38"
	Apex	
וובד	9025/9026	1.38"
F	Vertex	
	9028XT/9029XT/9030XT	1.38"
	Parkway	
	956	2.5"
	957	1.38"
	958	2.5"

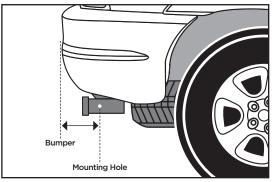
# 3

# **Check your Bumper Clearance**

Make sure your bumper will not interfere with the Thule hitch rack. Measure the distance from the center of the mounting hole on your hitch to the end of your bumper. **This is your Bumper Clearance.** 

Your Bumper Clearance must be equal to or less than the product measurement listed in the table for a proper fit.

#### **Bumper Clearance**



	Hitch Rack	Bumper Clearance
	T2 Pro / T2 Pro XT	
	9034/9034XT	6.26"
	9035/9035XT	6.26"
Σ	9034XT + 9036XT	6.26"
PLATFORM	T2 Classic	
Щ	9034/9034XT	4.5"
ľ	9035/9035XT	3.5"
٩	9034XT + 9036XT	4.5"
	Doubletrack / Doubletrack Pro	
	990XT/9054	6"
	EasyFold	
	9032	9.5"
U	Apex Swing	
SWING	9027	7.27"
Ň	Vertex Swing	
0/	9031XT	9"
	Helium Aero	
	9042/9043	10.815"
	Apex	
5	9025/9026	7"
F	Vertex	
	9028XT/9029XT/9030XT	6.25"
	Parkway	
	956	5.25"
	957	10"
	958	5.25"

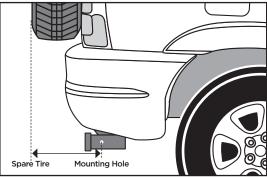
# Check your Spare Tire Clearance

If you have a spare tire on the back of your vehicle it may interfere with the installation of your Thule hitch rack. Measure the distance from the center of the mounting hole on your hitch receiver to the end of your spare tire. **This is your Spare Tire Clearance.** 

Your Spare Tire Clearance must be equal to or less

than the product measurement listed in the table for a proper fit.





	Hitch Rack	Stowed Spare Tire Clearance	in use Spare Tire Clearance
	T2 Pro / T2 Pro XT		
	9034/9034XT	6.25"	20.5"
Σ	9035/9035XT	6.25"	20.5"
PLATFORM	9034XT + 9036XT	6.25"	20.5"
Ľ,	T2 Classic		
۲.	9044	3.5"	20"
Δ	9045	3.5"	20"
	9044 + 9046	2.5"	20"
	Doubletrack / Doubletrack Pro		
	990XT/9054	6"	19.25"
	EasyFold		
	9032	12"	12"
5	Apex Swing		
SWING	9027	8.81"	8.81"
>	Vertex Swing		
S	9031XT	9"	9"
	Helium Aero		
	9042/9043	13.25"	13.25"
	Apex		
וור	9025/9026	9.29"	9.29"
F	Vertex		
	9028XT/9029XT/9030XT	8.54"	8.54"
	Parkway		
	956	9.5"	9.5"
	957	13.5"	13.5"
	958	9.5"	9.5"

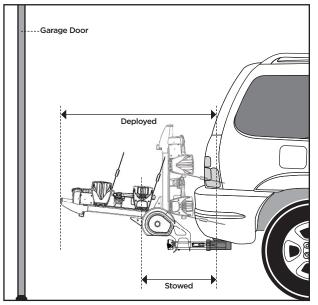
#### **Hitch Fit Tips**

5

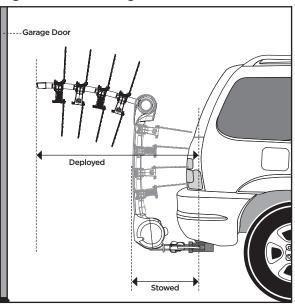
# Check Garage Clearance

If you will be parking your vehicle in a garage with the rack mounted, you can use these measurements to help you determine if there will be any interference issues with fitting your vehicle into your garage space with the rack in the stowed position or deployed position.

#### Garage Clearance - Platform Models



#### Garage Clearance - Swing & Tilt Models



	Hitch Rack	Stowed Clearance	Deployed Clearance
	T2 Pro / T2 Pro XT		
	9034/9034XT	20.5"	41.54"
	9035/9035XT	20.5"	41.54"
Σ	9034XT + 9036XT	20.5"	60.1"
PLATFORM	T2 Classic		
АТЕ	9044	16.25"	35.3"
PL	9045	16.25"	34.3"
	9044 + 9046	16.25"	55"
	Doubletrack / Doub	oletrack Pro	
	990XT/9054	14.5"	33"
	EasyFold		
	9032	32"	32"

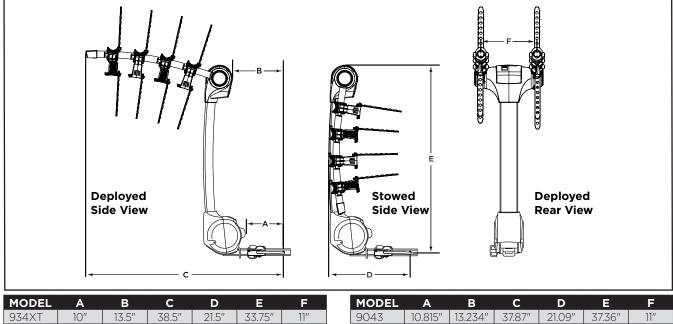
	Hitch Rack	Stowed Clearance	Deployed Clearance					
И И	Apex Swing							
SWING	9027	14.54″	37.66″					
S	Vertex Swing							
	9031XT	16.26″	39.38″					
	Helium Aero							
	9042	21.09"	32.58"					
	9043	21.09"	37.87"					
	Apex							
	9025	14.71"	38.14"					
	9026	14.71"	42.14"					
דובד	Vertex							
F	9028XT	13.96"	29.25"					
	9029XT	13.96"	37.39"					
	9030XT	13.96"	41.39"					
	Parkway							
	956	N/A	34.5"					
	957	N/A	38.5"					
	958	N/A	28.5"					



#### **Hitch Dimensions**

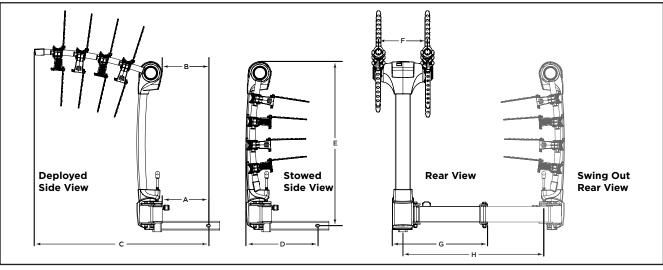
Though we design our hitch-mounted bike carriers to be as universal as possible, all vehicles are designed differently. These diagrams have been designed to help you better understand the "room" our hitch-mounted bike racks need to function properly.

#### **Tilt Models**



934XT	10″	13.5″	38.5″	21.5"	33.75″	11″	9043	10.815″	13.234″	37.87″	21.09"	37.36″	11″
935XT	10″	13.5″	30.75″	21.5″	33.75″	11″	995XT	10″	12.5″	39″	21.5″	33.75″	11″
936XT	10″	13.5″	38.5″	21.5″	33.75″	11″	996XT	10″	12.5″	39"	21.5″	33.75″	11″
937XT	10″	13.5″	30.75″	21.5"	33.75″	11″	998XT	7.5″	9.5″	37.75″	17"	33.75″	11″
951XT	5.25″	9.5″	43.75″	17″	33.75″	11″	9025	7″	9.29″	38.14″	14.709″	37.04″	11″
956	5.25″	9.5″	34.5″	N/A	34.5″	11″	9026	7"	9.29″	42.14″	14.709″	37.04″	11″
957	10″	13.5″	38.5″	N/A	34.5″	11″	9028XT	6.25″	8.54″	29.25″	13.96″	37.04″	11″
958	5.25″	9.5″	26.5″	N/A	34″	11″	9029XT	6.25″	8.54″	37.39″	13.96″	37.04″	11″
9042	10.815″	13.234″	32.58″	21.09"	37.36″	11″	9030XT	6.25″	8.54″	41.39″	13.96″	37.04″	11″

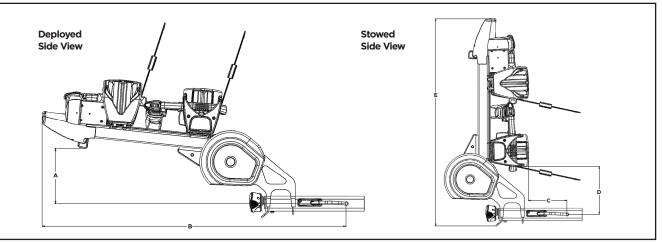
## **Swing Models**



MODEL	Α	В	С	D	E	F	G	н
9027	7.27″	8.81″	37.66″	14.54″	37.59″	11″	21.48″	31″
9031XT	9″	10.53″	39.38″	16.26″	37.20″	11″	21.48″	31″

# **Hitch Dimensions**

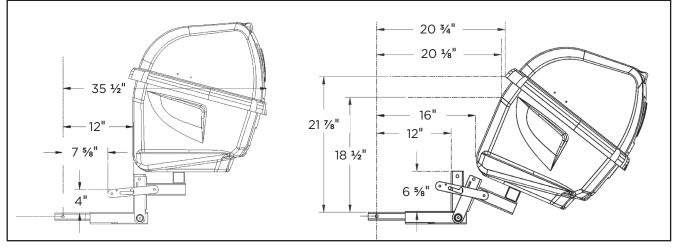
# **Platform Models**



MODEL	Α	В	С	D	E
9034/9034XT	7.56″	41.54″	6.26″	7.89″	33.83″
9035/9035XT	7.9″	41.54″	6.26″	7.89″	33.83″
9034XT+9036XT	9.60″	60.1″	6.26″	7.89″	52.5″
9044	6.4″	35.3″	4.5″	8.9″	29.25″
9045	7.9″	34.3″	3.5″	10.4″	28″
9044+9046	7.9″	55″	4.5″	8.9″	49″

MODEL	Α	В	С	D	E
990XT	6″	33"	6″	16″	31.25″
9054	5″	33.9″	5.8″	14.25″	30.6″
9032	6″	32"	9.5″	N/A	32"

# 665C Thule Transporter Combi



Hitch Cargo Box	
Product name	Transporter Combi
Cargo volume	13 cu. ft. / 368 L
Weight limit (including weight of box)	150 lbs. / 68 kg
Minutes to install	10
Exterior dimensions L x W x H	50.5 x 23.5 x 24.5" 128 x 60 x 62 cm

continued	
Interior length	47" / 119 cm
Interior width	21.5" / 55 cm
Interior height	22.5″ / 57 cm
Weight	55 lbs / 24.9 kg
Part number / Color	665C / black
Fits 1 1/4" and	V

Y

2" Receiver Hitches

#### 9033 Thule Tram Hitch Ski Carrier





- Due to structural differences in spare tire mounting positions, only 4 pair skis or 4 snowboards can be carried on the 9033 when using the 963XTR or 963PRO.
- Binding height may limit some skis to be only mounted as a single ski, limiting capacity to 3 pair skis on the 9033.
- Requires Thule hitch or spare tire carrier for use. Cannot be used with Thule Helium models 970XT, 971XT, 9042, 9043.

Rack	Receiver	Maximum Capacity
956 Parkway	2″	6 pair skis / 4 snowboards (class 2-4)
957 Parkway	11⁄4″	4 pair skis / 2 snowboards (class 1-2)
958 Parkway	2″	4 pair skis / 2 snowboards (class 2-4)
9025 Apex	11⁄4″	4 pair skis / 2 snowboards (class 1-2)
9025 Apex	2″	6 pair skis / 4 snowboards (class 2-4)
9026 Apex	2″	6 pair skis / 4 snowboards (class 2-4)
9027 Apex Swing	2"	6 pair skis / 4 snowboards (class 2-4)
9028XT Vertex	11⁄4″	4 pair skis / 2 snowboards (class 1-2)
9028XT Vertex	2″	6 pair skis / 4 snowboards (class 2-4)
9029XT Vertex	11⁄4″	4 pair skis / 2 snowboards (class 1-2)
9029XT Vertex	2″	6 pair skis / 4 snowboards (class 2-4)
9030XT Vertex	2″	6 pair skis / 4 snowboards (class 2-4)
9031XT Vertex Swing	2″	6 pair skis / 4 snowboards (class 2-4)
9042 Helium Aero	1¼" and 2"	NO FIT
9043 Helium Aero	1¼" and 2"	NO FIT
Spare Me	N/A	4 pair skis / 2 snowboards