## Technical information

## Roof box hatch door clearance

To determine which cargo boxes fit your vehicle without contacting your hatch, measure from the center of your vehicle's front roof rack crossbar to the point where the roof meets the hatch. Compare this number to the "Front Clearance" dimensions below. If your vehicle measures more than the number listed, that cargo box will fit your vehicle without contacting your hatch.

Note: Some roof racks feature adjustable position crossbars. Moving the crossbars forward on the vehicle will increase the number of cargo boxes that fit without contacting the hatch. If you're unsure whether your vehicle's crossbars can be re-positioned, see your vehicle or roof rack manufacturer for assistance.


## Box mounting dimensions

| Model \# | Name | Minimum Spacing | Maximum Spacing | Mounting Width | Front Clearance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 613500 / 613501 | Vector Alpine | 22 " | $361 / 2^{\prime \prime}$ | 23 7/8" | 54" |
| 613200 / 613201 | Vector M | 22" | $361 / 2^{\prime \prime}$ | 23 7/8" | $513 / 8{ }^{\prime \prime}$ |
| 639750 / 639751 | Motion 3 L | $2113 / 16^{\prime \prime}$ | 36 9/16" | 28 3/16" | $515 / 16^{\prime \prime}$ |
| 639850 / 639851 | Motion 3 XL | 2113/16" | 36 9/16" | 28 15/16" | $521 / 8^{\prime \prime}$ |
| 639950 / 639951 | Motion 3 XXL | $2113 / 16^{\prime \prime}$ | 36 9/16" | $301 / 16^{\prime \prime}$ | $543 / 4^{\prime \prime}$ |
| 639450 / 639451 | Motion 3 XL Low | 2113/16" | 36 9/16" | $2815 / 16^{\prime \prime}$ | $521 / 8^{\prime \prime}$ |
| 639550 | Motion 3 XXL Low | $2113 / 16^{\prime \prime}$ | 36 9/16" | $301 / 16^{\prime \prime}$ | 54 3/4" |
| 629906 / 629907 | Motion XT XXL | 23 5/8" | $367 / 8^{\prime \prime}$ | $231 / 2^{\prime \prime}$ | 55" |
| 629806 / 629807 | Motion XT XL | 23 5/8" | $367 / 8^{\prime \prime}$ | 22" | $511 / 4^{\prime \prime}$ |
| 629706 / 629707 | Motion XT L | 23 5/8" | $367 / 8{ }^{\prime \prime}$ | 22" | $471 / 2^{\prime \prime}$ |
| 629506 | Motion XT Alpine | 23 5/8" | $367 / 8^{\prime \prime}$ | 23 1/2" | 55" |
| 635901 | Force XT XXL | 23 5/8" | $351 / 2^{\prime \prime}$ | 23 5/8" | 54 3/4" |
| 635801 | Force XT XL | 23 5/8" | $357 /{ }^{\prime \prime}$ | 22" | $511 / 8^{\prime \prime}$ |
| 635701 | Force XT L | 23 5/8" | $361 / 8^{\prime \prime}$ | $211 / 4^{\prime \prime}$ | $471 / 2^{\prime \prime}$ |
| 635601 | Force XT Sport | 23 5/8" | 36 3/4" | $13^{\prime \prime}$ | $481 / 4^{\prime \prime}$ |
| 615100 | Pulse L | 23 5/8" | 34 3/8" | $171 / 2^{\prime \prime}$ | 46 3/8" |
| 614100 | Pulse M | 23 5/8" | 33 3/8" | $215 / 8{ }^{\prime \prime}$ | 42 5/8" |
| 614100 | Pulse Alpine | 23 5/8" | 35 3/4" | $141 / 2^{\prime \prime}$ | $551 / 4^{\prime \prime}$ |
| 682 / 682100 | Sidekick | 23 5/8" | 28 " | $143 / 8^{\prime \prime}$ | $36 "$ |

