

Bike/Wheel Fitment

The tables below were created to be a guide for determining how large a wheel/tire size one can fit into a stock motorcycle without having to undergo modification.

Touring	Year	Front Wheel				Rear Wheel				
		Standard (Harley)		Custom (Without Motorcycle Modification)		Standard (Harley)		Custom (Without Motorcycle Modification)		
		Rim Size	Tire	Max Rim	Max Tire	Rim Size	Tire	Max Rim	Max Tire	
Road King, Electra Glide, Road Glide	FLH, FLT	2000-2003	16x3	130/90-16	21x3.5	120/70-21	16x3	130/90-16	18x4.25	150/70-18
Road King, Electra Glide, Road Glide	FLH, FLT	2004-2008	16x3	130/90-16	21x3.5	120/70-21	16x3	140/85-16	18x4.25	160/60-18
Road King Classic	FLHRC	2009-2013	16x3	130/90-16	21x3.5	120/70-21	16x5	180/65-16	18x5.5	200/50-18
Road King (Except Classic), Electra, Street, Road Glide	FLH, FLT	2009	17x3	130/80-17	21x3.5	120/70-21	16x5	180/65-16	18x5.5	200/50-18
Road King (Except Classic), Electra Glide	FLHR, FLHT	2010-2013	17x3	130/80-17	21x3.5	120/70-21	16x5	180/65-16	18x5.5	200/50-18
Road Glide Ultra	FLTRU	2011-2013	17x3	130/80-17	21x3.5	120/70-21	16x5	180/65-16	18x5.5	200/50-18
Street Glide, Road Glide Custom	FLHX, FLTRX	2010-2013	18x3	130/70-18	21x3.5	120/70-21	16x5	180/65-16	18x5.5	200/50-18
Road King, Electra Glide (2),(3)	FLHR, FLHT	2014-2017	17x3	130/80-17	19x3.0	130/60-19	16x5	180/65-16	18x5.5	200/50-18
Street Glide (2),(3)	FLHX	2014-2017	19x3	130/60-19	19x3	130/60-19	16x5	180/65-16	18x5.5	200/50-18
Road Glide (2),(3)	FLTRX	2017	19x3	130/60-19	19x3	130/60-19	16x5	180/65-16	18x5.5	200/50-18

Sportster®		Year	Front Wheel				Rear Wheel			
			Standard (Harley)		Custom (Without Motorcycle Modification)		Standard (Harley)		Custom (Without Motorcycle Modification)	
			Rim Size	Tire	Max Rim	Max Tire	Rim Size	Tire	Max Rim	Max Tire
Sportster	XL	2000-2010	19x2.5	100/90-19	21x2.15	90/90-21	16x3	150/80-16	18x4.25	150/70-18
Sportster Custom	XL 883C/1200C	2000-2010	21x2.15	80/90-21	21x2.15	90/90-21	16x3	150/80-16	18x4.25	150/70-18
Sportster 72	XL 1200V	2013-2015	21x2.15	80/90-21	21x2.15	90/90-21	16x3.0	150/80-16	18x4.25	160/60-18
Sportster SuperLow	XL 883L	2011-2015	18x3.0	120/70-18	18x3.5	130/70-18	17x4.5	150/60-17	18x4.25	160/60-18
Sportster SuperLow 1200T	XL 1200T	2014-2015	18x3.0	120/70-18	18x3.5	130/70-18	17x4.5	150/70-17	18x4.25	160/60-18
Sportster 1200 Custom	XL 1200C	2011-2015	16x3.0	130/90-16	18x3.5	140/70-18	16x3.0	150/80-16	18x5.5	180/55-18
Sportster Iron, Nightster	XL883N/1200N	2011-2015	19x2.5	100/90-19	21x2.15	90/90-21	16x3	150/80-16	18x4.25	160/60-18
Sportster 48	XL1200X	2010-2117	16x3	130/90-16	17x4.25	150/80-17	16x3	150/80-16	18x4.25	160/60-18
Sportster XR1200	XR1200	2009-2011	18x3.0	120/70-18	18x4.25	140/70-18	17x5.5	180/55-17	17x6.25 18x5.5	200/55-17 200/50-18

Dyna™		Year	Front Wheel				Rear Wheel			
			Standard (Harley)		Custom (Without Motorcycle Modification)		Standard (Harley)		Custom (Without Motorcycle Modification)	
			Rim Size	Tire	Max Rim	Max Tire	Rim Size	Tire	Max Rim	Max Tire
Dyna Super Glide, Low Rider	FXD	2000-	19x2.5	100/90-	21x2.15	90/90-21	16x3	130/90-	18x4.25	160/60-18

Dyna Super Glide, Low Rider	FXD	2001-2005	19x2.5	19	100/90-19	21x2.15	90/90-21	16x3	16	150/80-16	18x4.25	160/60-18
Dyna Super Glide (2), Low Rider, Street Bob	FXD	2006-2015	19x2.5	19	100/90-19	21x3.5	120/70-21	17x4.5	17	160/70-17	18x5.5	180/55-18
Dyna Fat Bob	FXDF	2008-2017	16x3	16	130/90-16	16x3.5 18x4.25	150/80-16 140/70-18	16x5.0	16	180/70-16	17x6.25 18x5.5	200/55-17 200/50-18
Dyna Switchback (2)	FLD	2012-2015	18x3.0	18	130/70-18	21x3.5	120/70-21	17x4.5	17	160/70-17	18x5.5	180/55-18
Dyna Wide Glide	FXDWG	2000-2001	21x2.15	21	80/90-21	21x3.5	120/70-21	16x3	16	130/90-16	18x4.25	160/60-18
Dyna Wide Glide	FXDWG	2002-2005	21x2.15	21	80/90-21	21x3.5	120/70-21	16x3	16	150/80-16	18x4.25	160/60-18
Dyna Wide Glide	FXDWG	2006-2008	21x2.15	21	80/90-21	21x3.5	120/70-21	17x4.5	17	160/70-17	18x5.5	180/55-18
Dyna Wide Glide	FXDWG	2010-2017	21x2.15	21	80/90-21	21x3.5	120/70-21	17x4.5	17	180/60-17	18x5.5	180/55-18

Softail®		Year	Front Wheel				Rear Wheel			
			Standard (Harley)		Custom (Without Motorcycle Modification)		Standard (Harley)		Custom (Without Motorcycle Modification)	
			Rim Size	Tire	Max Rim	Max Tire	Rim Size	Tire	Max Rim	Max Tire
Softail Standard, Custom, Night Train, Springer	FXST	2000-2005	21x2.15	80/90-21	21x3.5	120/70-21	16x3	130/90-16	18x4.25	160/60-18
Softail Standard, Custom, Night Train, Springer	FXST	2004-2005	21x2.15	80/90-21	21x3.5	120/70-21	16x3	150/80-16	18x4.25	160/60-18
Softail Standard, Custom, Night Train, Springer	FXST	2006-2010	21x2.15	80/90-21	21x3.5	120/70-21	17x6	200/55-17	17x6.25	210/50-17
Blackline	FXS	2011-2013	21x2.15	80/90-21	21x3.5	120/70-21	16x3	140/85-16	18x4.25	160/60-18
Rocker, Rocker C (1)	FXCW	2008-	19x2.5	90/90-	19x2.15	90/90-19	18x8.0	240/40	18x8.5	250/40-18

Cross Bones	FLSTSB	2011		19					-18		
		2008-2011	16x3	130/90-16	21x3.5	120/70-21	17x6	200/55-17	17x6.25	210/50-17	
Fat Boy	FLSTF	2000-2003	16x3	130/90-16	21x3.5	120/70-21	16x3	130/90-16	18x4.25	160/60-18	
Fat Boy	FLSTF	2004-2006	16x3	130/90-16	21x3.5	120/70-21	16x3	150/80-16	18x4.25	160/60-18	
Fat Boy	FLSTF	2007-2015	17x3.5	140/75-17	21x3.5	120/70-21	17x6	200/55-17	17x6.25	210/50-17	
Heritage Softail, Deluxe, Springer Classic	FLST	2000-2003	16x3	130/90-16	21x3.5	120/70-21	16x3	130/90-16	18x4.25	160/60-18	
Heritage Softail, Springer Classic	FLST	2004-2015	16x3	130/90-16	21x3.5	120/70-21	16x3	150/80-16	18x4.25	160/60-18	
Softail Deluxe	FLSTN	2004-2015	16x3	130/90-16	21x3.5	120/70-21	16x3	140/85-16	18x4.25	160/60-18	
Slim	FLS	2012-2015	16x3	130/90-16	21x3.5	120/70-21	16x3	140/85-16	18x4.25	160/60-18	
Breakuot	FXSB	2013-2015	21x3	130/60-21	21x3.5	130/60-21	18x8.0	240/40-18	18x8.5	250/40-18	
Deuce	FXSTD	2000-2008	21x2.15	80/90-21	21x3.5	120/70-21	17x4.5	160/70-17	17x6.25 18x5.5	200/55-17 200/50-18	

VRSC™			Front Wheel				Rear Wheel				
			Year	Standard (Harley)		Custom (Without Motorcycle Modification)		Standard (Harley)		Custom (Without Motorcycle Modification)	
				Rim Size	Tire	Max Rim	Max Tire	Rim Size	Tire	Max Rim	Max Tire
V-Rod, Street Rod, Night Rod (2)	VRSC	2002-2006	19x3	120/70-19	18x3.5 21x3.5	130/60-18 120/70-21	18x5.5	180/55-18	17x6.25 18x5.5	210/50-17 200/50-18	
V-Rod, Night Rod Special, V-Rod Muscule, Screamin Eagle (2)	VRSC-AW/DX/X-VRSCF	2007-2015	19x3	120/70-19	18x3.5 21x3.5	130/60-18 120/70-21	18x8.0	240/40-18	18x8.5	240/40-18 250/40-18	
Screamin Eagle V-Rod (2)	VRSCSE	2006	19x3	120/70-19	18x3.5 21x3.5	130/60-18 120/70-21	18x8.0	240/40-18	18x8.5	240/40-18 250/40-18	

Night Rod, Street Rod (2) Street™	VRSC-D/R	2007- 2008	19x3	120/70 -19	18x3.5 21x3.5	130/60-18 120/70-21	18x5 18x5.5	180/55 -18	17x6.25 200/50-18	210/50-17
Street 500 and 750	XG500 / XG750	2015	17x2.5	100/80 -17	18xxx	1xxx	15x3.0	140/75 -15	18xxxx	1xxx

(1) All Rocker, Rocker C models require a custom caliper. Original Harley caliper is too big to fit on a spoke wheel.

(2) All spoke wheel require use of 5 screw hub mounted (classic) style rotors.

(3) 21" wheel/tire installation require use of additional fender bracket.

Tire/Wheel Fitment

Use this table to determine the tire size that can fit your rim.

Front Wheel

16"

Tire Size	Rim (inch)
110/90-16	2.15 - 3.00
120/80-16	2.50 - 3.00
130/70-16	3.50 - 4.00
130/90-16	2.50 - 3.50
150/80-16	3.00 - 4.00

17"

Tire Size	Rim (inch)
110/70-17	3.00 - 3.50
110/80-17	2.15 - 3.00
120/60-17	3.50 - 3.75
120/70-17	2.75 - 3.75
120/80-17	2.50 - 3.00
120/90-17	2.50 - 3.00
140/80-17	3.00-4.00
150/80-17	3.00 - 4.25

18"

Tire Size	Rim (inch)
100/90-18	2.15 - 2.75
110/80-18	2.15 - 3.00
110/90-18	2.15 - 3.00
120/70-18	3.00 - 3.75
120/90-18	2.50 - 3.00
130/60-18	3.50 - 4.00
130/70-18	3.00 - 4.00
140/70-18	3.00 - 4.50

19"

Tire Size	Rim (inch)
90/90-19	1.85 - 2.50
100/90-19	2.15 - 2.75
110/90-19	2.15 - 3.00
120/70-19	3.00 - 3.75
130/60-19	3.00 - 3.75

20"

Tire Size	Rim (inch)
120/70-20	3.5
140/60-20	3.75
150/55-20	4.5

21"

Tire Size	Rim (inch)
80/90-21	1.60 - 2.15
90/90-21	1.85 - 2.50
120/70-21	3.00 - 3.75
130/60-21	3.00 - 4.00
140/70-21	3.00 - 3.75

23"

Tire Size	Rim (inch)
120/70-23	3.50 - 4.00
130/50-23	3.50 - 4.00
130/60-23	3.00 - 3.75

26"

24"

30"

Tire Size	Rim (inch)	Tire Size	Rim (inch)	Tire Size	Rim (inch)
120/50-26	3.50-3.75	130/70-24	4	140/40-30	4
120/55-26	3.50-3.75				

Rear Wheel

15"

Tire Size	Rim (inch)
130/90-15	2.50 - 3.50
140/80-15	2.75 - 3.75
140/90-15	2.75 - 3.75
150/80-15	3.00 - 4.25
150/90-15	3.00 - 4.00
170/80-15	3.50 - 5.00
180/70-15	4.25 - 5.50
200/70-15	5.50 - 6.50
230/60-15	5.50 - 7.00

16"

Tire Size	Rim (inch)
130/90-16	2.50 - 3.50
140/90-16	2.75 - 3.75
150/80-16	3.00 - 4.00
160/80-16	3.50 - 4.50
170/70-16	4.25 - 5.50
180/60-16	4.50 - 5.50
180/65-16	4.50 - 5.50
180/70-16	5.00 - 6.00
200/60-16	5.50 - 6.25
240/50-16	7.00 - 8.00

17"

Tire Size	Rim (inch)
120/90-17	2.50 - 3.00
130/90-17	2.50 - 3.50
140/70-17	3.50 - 4.50
140/80-17	2.75 - 4.00
150/60-17	4.00 - 4.75
150/70-17	4.25 - 4.50
160/60-17*	4.25 - 5.50
160/70-17	3.75 - 5.00
170/60-17	4.25 - 5.50
180/55-17	5.50 - 6.00
180/60-17**	4.50 - 5.5
190/50-17	6.00 - 6.50

18"

Tire Size	Rim (inch)
110/90-18	2.15 - 3.00
120/90-18	2.50 - 3.00
130/80-18	2.50 - 3.50
140/70-18	3.00 - 4.50
150/70-18	3.50 - 4.50
160/60-18	4.25 - 5.00
170/60-18	4.00 - 5.00
180/55-18	5.50 - 6.00
200/50-18	5.50 - 6.50
200/55-18	5.50 - 6.50
210/40-18	7.00 - 8.00
240/40-18	8.00 - 9.00

190/55-17	6.00 - 6.50	250/40-18	8.50 - 9.50
190/60-17	5.00 - 6.00	260/35-18	8.50 - 9.50
200/50-17	6.00 - 6.50	260/40-18	8.50 - 9.50
200/55-17	6.00 - 6.50	280/35-18	9.50 - 10.5
210/50-17	6.00 - 7.00	300/35-18	10.0 - 11.0
300/35-17	10.0 - 11.0	310/35-18	10.0 - 11.0
330/30-17	11.0 - 12.5	360/30-18	13

20"

Tire Size	Rim (inch)
140/60-20	3.75
150/55-20	4.5
200/40-20	6.00 - 7.00
220/50-20	6.50 - 7.50
280/40-20	9.50 - 10.5

21"

Tire Size	Rim (inch)
200/70-21	6.25
260/35-21	9

* 160/60-17 will fit 17x5.5 rim on Metzeler Sport Tire, all other 160/60-17 will fit on rim 4.25-5.00 in wide

** Only 180/60-17 Dunlop GT502 , Pirelli Night Dragon and Michelin Scorcher 31 tire fits on 17x4.5 rim

Some of the motorcycle tires have a lettering designation. The millimeter(mm) equivalent for it: MH - 80mm, MJ - 90mm, MM - 100mm, MN - 110mm, MP - 110mm, MR - 120mm, MT - 130mm, MU - 140mm, MV - 150mm

For example MU90-16 - 140mm wide, 90% profile, 16" rim To convert from millimeters to inches divide by 25.4 (1"=25.4mm)

Correct rim width may be critical to handling and stability. A tire which is installed on a wider than recommended rim will have a "flattened" profile, and a rider may easily reach the edge of the tread during cornering. A narrow rim will alter the tire profile, with a smaller contact patch during braking. Fitment to these rims may result in slippage or air loss. And roughly each additional 0.5" of rim width will be approximately 0.25" more in each tire width

Tire Diameter Calculation (Just for information) Most of the bikers will want to know a tire diameter (measured in inches). This formula is a quick way to get the tire diameter of those metric tires that are common on just about everything stock. For example a 200/55R18 would be around 26.7 inches tall and 7.9 (200mm/25.4) inches wide. Enter any three of the numbers into this formula to solve for the fourth. "R" means Radial and "B" means Bias tire. The bigger number (on the left) is the Section Width in millimeters (1"=25.4mm). The number to the right of the slash ("/") is the Aspect Ratio (percent of width). The "R" means Radial tire and the last number, far right, is the rim diameter in inches.

Tire Diameter = Rim Diameter + (2 x Aspect Ratio x Section Width) / 25.4

Example (200/55R18 tire): Tire Diameter = 18 + (2 x 0.55 x 200) / 25.4 = 26.7 in

FXDX	DYNA SPORT	11.5	11.5	11.5	11.5	11.5	11.5								
FXDF	FAT BOB									11.8	11.8	11.8	11.8	11.8	11.8
SWITCH BACK															11.8
BREAKOUT															11.8
XL	SPORSTER	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
XL CUSTOM	SPORSTER	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
XLR	SPORSTER	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
48	48 SPORSTER										11.5	11.5	11.5	11.5	11.5
ALL XLR/S/ ARE D/D															
VRSC	V ROD				11.5	11.5	11.5	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8

REAR

NOMENCLATURE	MODEL	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
FXST/B/C	SOFTAIL	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
FXSTD	DEUCE	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5						
FLSTSB	CROSSBONE														
FLSTF	FAT BOY	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
FLSTN	DELUXE						11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
FLSTC	H/CLASSIC	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
FLSTSC	SPRING/CLASSIC	11.5	11.5	11.5	11.5										
FXSTS	SOFTAIL	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5						

