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# 2012 Sportster

## Vehicle Identification Number (VIN)

Example: 1HD1LC314CC123456 appears on steering head.

World Manufacturer Id	Motorcycle Type	Model	Engine Type	Introduction Date		VIN Check Digit	Model Year	Assembly Plant	Sequential Number
<sup>1)</sup>				Normal	Mid Year				
1HD=Made for sale in US 5HD=Made for sale outside US 932=Made and sold in Brazil MEG=Made and sold in India	1 = 901 cm <sup>3</sup> (Heavyweight Motorcycle) 4 = 351-900 cm <sup>3</sup> (Middleweight)	See Models below	2=883 cm <sup>3</sup> air-cooled 3=1202 cm <sup>3</sup> air-cooled 6=1202 cm <sup>3</sup> precision-cooled	1=Domestic 3=California A=Canada C=HDI E=Japan G=Australia J=Brazil L=Asia Pacific N=India	2,4=Domestic 5,6=California B=Canada D=HDI F=Japan H=Australia K=Brazil M=Asia Pacific P=India	Can be 0 - 9 or X	C = 2012	C=Kansas City, MO D=HD Brazil- Manaus, Brazil N=Haryana India	
1HD	1	LC	3	1		4	C	C	123456

VIN CODE <sup>2)</sup>	Model	Name
CR	XL 883L	SuperLow
CS	XL 883R	883 Roadster
LE	XL 883N	Iron 883
CT	XL 1200C	1200 Custom
LH	XL 1200CP	1200 Custom
CZ	XL 1200N	Nightster
LF	XL 1200V	Seventy-Two
LC	XL 1200X	Forty-Eight
LD	XR 1200X	XR1200X

## Engine, Drivetrain, Performance

### Engine

<sup>3)</sup>	XL 883	XL 1200	XR 1200
<b>Number of Cylinders</b>	2		
<b>Type</b>	4-cycle, 45° V-twin, air-cooled		
<b>Bore</b>	3.000 in. (76.20 mm)	3.500 in. (88.90 mm)	3.500 in. (88.90 mm)
<b>Stroke</b>	3.812 in. (96.82 mm)	3.812 in. (96.82 mm)	3.812 in. (96.82 mm)
<b>Piston Displacement</b>	53.9 in <sup>3</sup> (883 cm <sup>3</sup> )	73.4 in <sup>3</sup> (1202 cm <sup>3</sup> )	73.4 in <sup>3</sup> (1202 cm <sup>3</sup> )
<b>Compression Ratio</b>	8.9-1	9.7-1	10.1-1

## Drivetrain

<sup>4)</sup>	<b>XL883 CC (Domestic)</b>	<b>XL883 CC (World)</b>	<b>XL1200 CC (US)</b>	<b>XL1200 CC (World)</b>	<b>XR1200X (US/Wolrd)</b>	<b>XR1200X (Japan)</b>
<b>Primary Engine to Transmission</b>						
Engine sprocket	34 teeth	34 teeth	38 teeth	38 teeth	34 teeth	34 teeth
Clutch sprocket	57 teeth	57 teeth	57 teeth	57 teeth	57 teeth	57 teeth
<b>Final Drive Transmission to Rear Wheel</b>						
Transmission sprocket	29 teeth	29 teeth	29 teeth	30 teeth	28 teeth	28 teeth
Rear wheel sprocket	68 teeth	68 teeth	68 teeth	68 teeth	68 teeth	68 teeth

## Specifications

## Models

### 2012 XL 883L



- 2012 XL883L

### XL1200V "Seventy-Two"



## XR1200X



### Dimensions:

### Paint:

- Denim Black
- Big Blue Pearl
- Hard Candy Big Red Flake

### Chassis:

- Front Brakes: Hydraulic Disc
- Rear Brakes: Hydraulic Disc

### Tires:

- Front Tire(s): Michelin® MH90 R21 54H
- Rear Tire(s): Michelin® 150/80 R16 71H

## Model Year Changes

Summary of changes for MY 2012: <sup>8)</sup>

- All XL's switched over to Michelin Scorcher tires.
  - 11 series on XR1200X and 883L.
  - 31 series on all other models.
- XL883R (non-Domestic) switched handlebar/speedo bracket.
- New fork and ignition locks (increase number of keys).

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Back to [Sportster History Index](#)

<sup>1)</sup> , <sup>2)</sup>

2012 Sportster Models Parts Catalog, PN 99451-12A, pg 2

<sup>3)</sup>

2012 Service Manual PN 99484-12A, Harley-Davidson, Sec 3.1

<sup>4)</sup>

2012 Service Manual PN 99484-12A, Harley-Davidson, Sec 5.2

<sup>5)</sup>

Photo provided by XLForum Member: RandyMac

<sup>6)</sup>

Image provided by XLForum Member: MoBillyAla

<sup>7)</sup>

Photo provided by XLForum Member: Screw Loose Dan

<sup>8)</sup>

HARLEY-DAVIDSON UNIVERSITY, TECHNICAL FORUM, 2012 MODEL YEAR

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