

# METZELER



# UPGRADE YOUR LOOK



INTRODUCING THE FIRST  
SIMPLE GUIDE FOR UPGRADING  
YOUR V-TWIN MOTORCYCLE

**METZELER**   
MOTORCYCLE TIRES

TECHNOLOGY YOU CAN TRUST

## TECHNICAL

### WHEEL BALANCING

Elastic bodies like tires cannot be produced absolutely round without imbalance. Therefore always balance after installing a new tire. Unbalanced tire/wheel assemblies can vibrate at certain speeds, with tire wear greatly accelerated. Metzeler does not recommend the use of liquid balancer or liquid balance/sealers. Metzeler does not give warranty for tires into which these have been injected.

### MOTORCYCLE MAINTENANCE

Metzeler strongly recommends regular inspection of the motorcycle generally, and of your wheels in particular, because tire mileage and performance are adversely affected by a poorly maintained vehicle. Bring your motorcycle into the motorcycle dealer for regular maintenance checks inclusive of tire inspections.

Maintain fork and suspension pressure in strict compliance with vehicle owner's manual. Improperly maintained components, incorrect or unbalanced front fork pressures will affect stability. Low suspension pressure will generate tire stresses.

### TIRE PRESSURE

Inflate to the correct tire pressure. Check cold inflation pressure frequently i.e. once a week. While the majority of motorcyclists love to tinker by carrying out all sorts of tasks of major and minor importance in looking after the machine, they often neglect to check tire pressure. Correct tire pressure, however, is crucial for safe handling.

Overinflation may impair ride comfort and reduce the road contact of the tires. Insufficient air pressure will result in poor handling and cause a tendency for the bike to "wander". In addition, improper and insufficient tire pressure will cause more rapid tire wear, increased fuel consumption, lower top speed, and less control.

### RUN-IN

After fitting, the tire should not be used with maximum power or hard cornering and not over 60 MPH (100 KM/H) for the first 150 miles (240 KM) to adjust the tire/rim assembly. After run in period, speeds may be increased progressively (within legal speed limits).

### PROPER CLEARANCE

Consult the motorcycle manufacturer and tire manufacturer if you intend to mount sizes other than that in the motorcycle owner's manual. Remember that their physical dimensions are important. Adequate clearance of fenders, swing arm, etc. must be maintained. Increasing tire size may require an increase in rim width. Rotate wheel and inspect closely for sufficient clearance.

### WHEEL INSPECTION

Bent wheel rims and bent or cracked cast wheels should be replaced immediately. Bent rims may cause wheel wobble, bead unseating, and in the case of tubeless tires, gradual air loss. Sudden wheel failure may result from the use of cracked cast wheels. **NOTE:** Not all cast wheels, whether aluminum or magnesium, are suitable for tubeless tire fitment. Mount tires as tubeless only when the wheel manufacturer recommends it. Some rims require tubes. With a Metzeler tube inserted, a Metzeler tubeless tire may be fitted to a tube-type wheel. \*Exception: Fitment of tubes in Z-Rated radial tires or fitment of Z-rated radials on rims requiring tubes is not permitted unless specifically recommended by Metzeler.

### SIDEWALL TREATMENT

Use a mild soap solution to clean sidewalls and rinse off with plain water. Never apply any other material, cleaners, or dressings, to enhance sidewall appearance. These may degrade rubber and remove inherent ozone cracking/weather checking resistance.



TECHNOLOGY YOU CAN TRUST

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T: 706.368.5826 F: 706.368.5879

[www.us.metzelmoto.com](http://www.us.metzelmoto.com)



[www.dragspecialties.com](http://www.dragspecialties.com)



[www.parts-unlimited.com](http://www.parts-unlimited.com)

## WARRANTY

Metzeler Motorcycle Tires are covered for the life of the tire. Tire life is defined by the tread area of the tire having a tread depth of 1 mm or more. This warranty policy is extended to the first retail purchaser of the tire in the U.S. and Canada.

### WHAT IS COVERED

Tires that are found to have a manufacturing or material irregularity are covered in this policy. Out of round, lateral or radial run out of more than 1.3 mm from center line, and out of balance (more than 2.8 ounces (80 grams) on most tires, 3.5 ounces (100 grams) on larger-sized touring tires) are examples of justified warranty claims. Claims for non-uniformity or any ride related condition will be accepted within the first 0.5 mm of tread wear.

### WHAT IS NOT COVERED

(A) Tires worn beyond the last 1 mm of tread depth. (B) Tires that have been damaged by road hazards: Impact breaks, punctures, and cuts. (C) Misalignment/Improper installation or damage caused by improper tire clearance. (D) Improper inflation pressure, overloading, running while flat. (E) Improperly maintained balance. (F) Suspension deficiencies. (G) Tires mounted on incorrect size or type rims. (H) Tires injected with liquid balancer or sealants. (I) Labor to install replacement. (J) Tires which are retreaded, regrooved, or changed in pattern or profile.

### OWNER'S RESPONSIBILITIES

The owner/rider is responsible for proper tire care. Maintain the correct tire pressure recommended by Metzeler Motorcycle Tire and the motorcycle manufacturer by frequently checking the tire pressure with an accurate pressure gauge. Do not apply any chemicals to sidewall or tread areas of the tire.

### LIMITED WARRANTY CLAUSE

This warranty is expressly in lieu of all other warranties, expressed or implied, including the warranties of merchantability and fitness for use and of all other obligations or liabilities on our part, and we neither assume, nor authorize, any other person to assume for us, any other liability in connection with the sale of Metzeler tires. This warranty shall not apply to Metzeler tires which have been subject to accident, negligence, alteration, abuse or misuse. The above warranty shall not apply to defects resulting from any use and maintenance of the product other than in strict accordance with the use and maintenance instruction of Metzeler in advance. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific legal rights and you may also have others from state to state.

### EXCLUSIVE REMEDY

Manufacturer's sole obligation and the purchaser's exclusive remedy shall be limited to the replacement of the product at the manufacturer's option. Manufacturer shall not be liable for proximate, incidental, or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you.

### HOW TO MAKE A CLAIM

**OWNER:** Take bike (or wheel only) to local dealer for inspection/adjustment/replacement. **DEALER:** (A) Check lateral and radial run-out, balance, and air pressure. (B) If tire is clearly out of specified tolerances replace the tire free of charge (labor not included) if tread depth is more than 3 mm for all front street, and ME 1 tires and 4 mm for all other rear tires. If the tire has less than these depths, charge the customer a prorated amount based on the tire's original tread depth. (C) Contact your Metzeler distributor for product replacement. Replaced tire will need to be returned to distributor, or field destroyed as directed.

### FIELD DESTROYING

In the event a warranty replacement tire is decided NOT to be returned to the distributor, you MUST field destroy the tire by cutting out the DOT number on the sidewall and returning this cut-out to the distributor.

### REPLACEMENT COSTS

If a Metzeler tire is found to be warrantable during the first 50% of tread wear, it will be replaced by a similar model and size tire at no charge. After the first 50% of tread wear the tire will be prorated and replaced at the cost calculated by the percentage of wear multiplied by the suggested retail price. (Dealers may obtain free or prorated tires from their distributor, based on current suggested dealer prices).

*While every effort has been made to ensure the accuracy of this publication, no responsibility can be accepted by Metzeler Motorcycle Tire North America (MMTNA) for errors or omissions. MMTNA is not responsible for any printing or typographical errors.*

## IMPORTANT NOTE REGARDING TIRE UPGRADES

Metzeler allows builders and owners to mix radial rear tires and bias ply front tires when the following conditions are met:

- All Metzeler tires must be used on the proper permissible rim size, see chart enclosed to verify correct rim size and tire fitment.
- Mixing radial rear tires and bias ply front tires is allowed only when fitting a stock Harley-Davidson® with the *proper custom width wheels for the tire application. (see application chart) OR* when fitted by a custom manufacturer (i.e. American Ironhorse) OR if listed in this fitment chart!
- **FITTING RADIAL FRONT TIRES IN COMBINATION WITH BIAS PLY REAR TIRES IS NEVER ALLOWED!**
- Metzeler tubeless bias ply tires may be fitted with Metzeler tubes. Metzeler tube type tires should NEVER be put into service without a tube (Metzeler tube). *Radial tires are designed to be run tubeless, and fitting a tube is not permitted!*

## IMPORTANT FITTING INFORMATION

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, with a smaller contact patch during braking. Remember tire clearances are important. Changes to your frame and suspension could alter the handling characteristic of your motorcycle and cause clearance problems.

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## STAGE 3 UPGRADE

### Upgrade Explanation:

The Stage 3 upgrade always originates with a standard Harley and the modifications begin with the swing arm; typically the purchase of a wide tire swing arm kit is necessary. This upgrade will also require new wheels, fenders and tires, but it will give you the maximum effect in terms of upgrading the **looks** of your bike. **Handling, mileage and performance** will remain at the high standards you have become accustomed to from other Metzeler Motorcycle tires.

### Stage 3 Upgrades include:

- 1) Upgrade the rear tire **looks and performance** with Metzeler's hot new ME880 Muscle tires and a custom wide tire kit on your bike to properly fit these tires you will need to purchase wheel(s) and fender(s). Contact the companies listed below for more information or contact your local *Drag Specialties Dealer*.
- 2) Upgrade to the pinnacle of tires! Install the 240/40-18 on your stock Softail. These swingarm kits transform your bike from mild to wild with Metzeler Muscle tires for **looks, handling, mileage** and, of course, the **performance** you crave! Contact the companies listed below for more information or contact your local *Drag Specialties Dealer*.

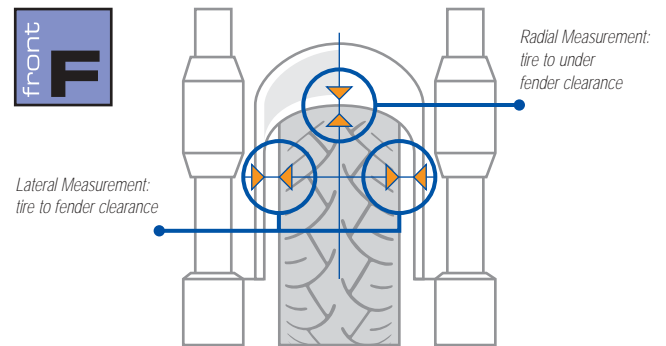


Always Check These Important Measurements:

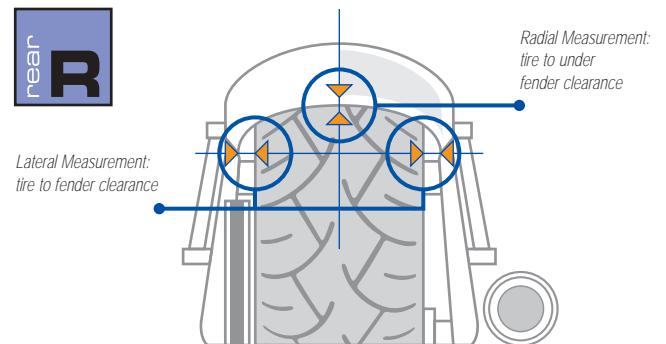


## MEASUREMENTS

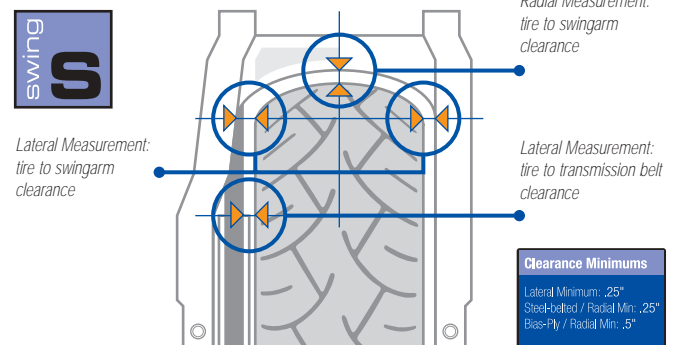
### Front Wheel Measurements (front view)



### Rear Wheel Measurements (rear view)



### Swingarm Measurements (top view)



**Clearance Minimums**  
 Lateral Minimum: .25"  
 Steel-belted / Radial Min: .25"  
 Bias-Ply / Radial Min: .5"

## METZELER SUGGESTED UPGRADE MANUFACTURERS



Russ Wernimont Design  
 37100 Applegate Road  
 Murrieta, CA 92563

Contact your local Drag Specialties Dealer for Information



Custom Valley  
 282 A St-Jacques Nord  
 Causapsal, Q.C. G0J 1J0

Web: [www.customvalley.com](http://www.customvalley.com) / T: 418.756.6417 / F: 909.756.5205

**METZELER ME880:  
THE ULTIMATE V-TWIN and CRUISER TIRE**

There is no doubt today of Metzeler's commitment to America's Harley-Davidson® market when you look at the concrete facts regarding the ME880 product line:

- More V-Twin tire choices and constructions than all three tire companies combined
- *Over 42 front and rear sizes* in the ME880 line up alone!
- 2 additional tires added in 2002 such as the new wide white walls, the new 90/90-21 and 120/70-21 inch oversize fronts, and the new Bagger 140/70-18's (available in August 2002)
- The *only* product line to offer *Four Different Constructions* for any O.E. or upgrade need of the V-Twin rider; constructions include: *Bias-Ply, Bias-Belted, Cross-Ply Radial, and Patented 0° Steel-Belted Radial*

**BENEFIT OF UPGRADING TO METZELER ME880**

**A difference you can SEE**

- Matching front and rear treads in the entire ME880 range
- A complete wide tire range for O.E replacement, Stage 1, 2 and 3 upgrades from 80/90-21" to 240/40-18" sizes.

**A difference you can FEEL**

- Better *mileage* and *durability* than OE thanks to higher tread depth, a belted construction to reduce tread squirm and centrifugal growth, a profile to provide a wide contact patch reducing drive slip, and a rubber compound using high quality silica ingredients for better wet grip as well as wear resistance.
- Better *comfort* than OE thanks to a carcass design using premium belt material and state-of-the-art construction techniques.
- Better *performance in handling* than OE thanks to a perfect balance between front and rear tire profile, and the highest quality components able to reduce tire weight while maintaining a high level of overall performance



**Upgrade Explanation:**

The Metzeler Stage 1 upgrade helps you improve the **mileage, ride, handling, and looks** *without modifying your bike*. A true **BOLT-ON** upgrade for everyone!

**Stage 1 Upgrades include:**

- 1) ME880 16-inch wide white wall tires for the classic wide white **look!**
- 2) Upgrade to the **larger** ME880 140/90HB16-rear tire for more of everything! (America's #1 favorite upgrade)
- 3) If you already have the 150/80-16 wide tire kit ... try the ME880 150/80-16. The Mileage and Ride comfort are a significant increase over your OE fitment.
- 4) Upgrade your standard MH90-21 (80/90-21) front tire to the **larger** ME880 90/90H21 front tire



*The Stage 1 upgrade is a true bolt on modification, however as per good safety practices, it is suggested to check all front, rear and swing arm measurements as indicated in this section. The Stage 1 Upgrades listed are not valid for lowered motorcycles. Please contact your local dealer.*



**Upgrade Explanation:**

The Stage 2 upgrade requires modification to your motorcycle's wheels, fenders, spacers and the purchase of other small products to achieve the look and ride you want. Metzeler offers more sizes than any other tire company, all with the same famous upgrades for **mileage, ride, handling and looks**.

**Stage 2 Upgrades include:**

- 1) **FRONT** - Upgrade the front tire **performance** with Metzeler's hot new ME880 120/70V21 on a custom wheel for your wide glide front end. To properly fit this tire you will need to purchase a wheel and a front fender. Contact the companies listed below for more information or contact your local *Drag Specialties Dealer*.
- 2) Increase the size of your rear tire to the ME880 150/80HB16. This Stage 2 upgrade gives you the **mileage, ride, handling, and looks** with the standard width wheel on your motorcycle. To fit this tire, the OE wide tire kit or a pulley and spacers, and the narrow belt kit will be needed. Consult the companies listed below for more information or contact your local *Drag Specialties Dealer*.
- 3) Upgrade your Road Glide, Road King with the new ME880 "Bagger" tires (August availability). These new ME880 tires, the 140/70H18 front and 140/70HB18 rear size, will need custom wheels. Consult the companies listed below for more information or contact your local *Drag Specialties Dealer*.



*Always Check These Important Measurements:*



**METZELER SUGGESTED UPGRADE MANUFACTURERS**



RC Components, Inc.  
373 Mitch McConnell Way  
Bowling Green, KY 42101

Web: [www.rccomponents.com](http://www.rccomponents.com) / T: 270.842.6000 / F: 270.842.9527



Performance Machine  
6892 Marlin Circle  
La Palma, CA 90623

Web: [www.performancemachine.com](http://www.performancemachine.com) / T: 714.523.3000 / F: 714.523.3007

# FITMENT: OE REPLACEMENT / UPGRADE

## HARLEY-DAVIDSON

MODEL	YEAR	FRONT	REAR	F. RIM	R. RIM	F. PSI	R. PSI
FLHR/RI CI 1450							
Road King	99-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		140/70H18 ME880	140/70HB18ME880	3.5x18	3.5x18		
FLHT, FLHTC/CI 1450							
Elec. Glide	99-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLHTCUI 1450							
Ultra CI. E. Glide	99-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLSTC/I 1450							
Heritage Softail CI.	99-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLSTF/I 1450 Fat Boy	99-02	130/90H16 ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLSTS/I 1450							
Springer Softail	00-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLTR/I 1450 Road Glide	99-02	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		140/70H18ME880	140/70HB18ME880	3.5x18	3.5x18		
FXD 1450							
Dyna Super Glide	99-02	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDL 1450							
Dyna Low Rider	99-02	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDS 1450							
Dyna-Convertible	99-02	100/90H19ME880	130/90HB16ME880	2.15	3	38	40
● upgrade stage I			140/90HB16ME880				
FXDS 1450							
Dyna Super Glide Sport	00-02	100/90H19ME880	150/80HB16ME880	2.15	3	38	40
FXDS 1450							
D. Super Gl Sport Laced	00-02	100/90H19ME880	150/80HB16ME880	2.5	3	38	40
FXDWG 1450							
Dyna Wide Glide	99-02	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
FXDX 1450							
Dyna Super Glide	00-02	100/90H19ME880	150/80HB16ME880	2.15	3	38	40
FXDX 1450							
Dyna Super Glide	99-02	100/90H19ME880	130/90HB16ME880	2.15	3	38	40
● upgrade stage I			140/90HB16ME880				
FXDXT 1450							
D. Super Gl. T-Sport	01-02	100/90H19ME880	130/90HB16ME880	2.15	3	38	40
● upgrade stage I			140/90HB16 ME880				
FXDX 1450							
D. Super Glide Sport	00-02	100/90H19ME880	150/80HB16ME880	2.15	3	38	40
FXST/I 1450							
Softail Standard	99-02	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FXSTB/I 1450							
Night Train	00-02	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FXSTD/I Softail Deuce	00-02	80/90H21ME880	160/70VB17ME880	2.15	4.5	36	40
● upgrade stage I**		90/90H21ME880					
● upgrade stage II		120/70V21ME880				3.5x21	
FXSTS/I 1450							
Springer Softail	00-02	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I			140/90HB16ME880				
FXSTS/I 1450							
Springer Softail	00-02						
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLHR 1340							
ElectraGlide Road King	94-98	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		140/70H18ME880	140/70HB18 ME880	3.5x18	3.5x18		
FLHRCI 1340							
Road King Classic	98	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		140/70H18ME880	140/70HB18ME880	3.5x18	3.5x18		

MODEL	YEAR	FRONT	REAR	F. RIM	R. RIM	F. PSI	R. PSI
FLHS 1340							
Electra Glide Sport	88-93	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16 ME880				
FLHT, FLHTC 1340							
Electra Glide	83-90	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLHT, FLHTC 1340							
Electra Glide	94-98	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLHT-C, FLHTC-U 1340							
Electra Glide	91-98	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLST,FLSTC 1340							
Heritage Softail	87-99	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLSTF 1340 Fat Boy	92-99	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
FLSTN 1340							
Heritage Softail	93-96	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLSTS 1340							
Heritage Springer	97-99	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLT,FLTC 1340							
Tour Glide	80-90	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLT-C FLTC-U 1340							
U. Classic	91-96	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
FLTR/I 1340 Road Glide	98	130/90H16ME880	130/90HB16ME880	3	3	38	44
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		140/70H18ME880	140/70HB18ME880	3.5x18	3.5x18		
FXD 1340							
Dyna Super Glide	95-98	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDB 1340 Sturgis	91	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDB-Day 1340							
Daytona	92	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDC 1340							
Dyna Glide Custom	92	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDL 1340							
Dyna Low Rider	93-98	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDS 1340							
Dyna-Convertible	94-98	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXDWG 1340							
Dyna Wide Glide	93-98	80/90H21ME880	130/90HB16ME880	2.15	3	36	44
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
FXLR 1340							
Low Rider Custom	87-94	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I			140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
FXR 1340 Super Glide	86-94	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXRD 1340 Grand Tour.	86	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXRS 1340 Low Rider	83-93	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXRS-SP 1340							
Sport Edition	88-93	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXRT 1340 Sport Glide	83-92	100/90H19ME880	130/90HB16ME880	2.15	3	38	44
● upgrade stage I			140/90HB16ME880				
FXST 1340 Softail	84-90	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	
FXST 1340							
Softail Standard	99	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880				3.5x21	

# PRODUCT RANGE

MODEL	YEAR	FRONT	REAR	F. RIM	R. RIM	F. PSI	R. PSI
<b>FXSTC 1340</b>							
Softail Custom	87-99	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880		3.5x21			
● upgrade stage II			150/80HB16 ME880				(OE wide tire kit)
<b>FXSTS 1340</b>							
Springer Softail	89-99	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
<b>FXSTS 1340</b>							
Springer Softail	89-99	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I			140/90HB16ME880				
● upgrade stage II			150/80HB16ME880				(OE wide tire kit)
<b>FXSTSB 1340 Bad Boy</b>							
● upgrade stage I	95-97	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
<b>FXSTB 1340 Night Train</b>							
● upgrade stage I	99	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880		3.5x21			
<b>FXWG 1340 Wide Glide</b>							
● upgrade stage I	81-86	80/90H21ME880	130/90HB16ME880	2.15	3	36	40
● upgrade stage I		90/90H21ME880	140/90HB16ME880				
● upgrade stage II		120/70V21ME880		3.5x21			
<b>XL 1200 C</b>							
Sportster Custom	96-02	80/90H21ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XL 1200 S</b>							
Sportster Sport	96-02	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 1200 Sportster</b>							
● upgrade stage I	88-02	100/90H19ME880	130/90HB16ME880	2.15/2.5	3	38	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 1100 Sportster</b>							
● upgrade stage I	86-87	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883 Sportster</b>							
● upgrade stage I	00-02	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Hugger	86-90	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Hugger	91-02	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Deluxe (DLX)	86-90	100/90H19ME880	130/90HB16ME880	2.5	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Deluxe (DLX)	91-96	100/90H19ME880	130/90HB16ME880	2.5	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Deluxe (DLX)	98	100/90H19ME880	130/90HB16ME880	2.5	3	36	38
● upgrade stage I			140/90HB16ME880				
<b>XLH 883</b>							
Sportster Custom	99-01	100/90H19ME880	130/90HB16ME880	2.15	3	36	38
● upgrade stage I			140/90HB16ME880				

Note: All pressures shown are minimum pressures, using higher pressures (up to the maximum listed on tire sidewall) will improve mileage. Check tire pressures often!

Motorcycles with spoke wheels must use a tube (side valve type)

Measuring Rim (inch)  
Rims Permitted (inch)  
Max Width (inch)  
Max Diameter (inch)  
Load Capacity (lbs)  
Max PSI (lbs)  
Max Speed (mph)  
Tread Depth (inch)  
Tire Weight (lbs)

130/90H16 TL	F	3.00	2.50-3.50	5.59	25.87	677	42	130	8/32	14.55
150/80H16 TL	F	3.50	3.00-4.00	6.34	26.53	761	42	130	10/32	17.86
120/70V17 TL	F	3.50	2.75-3.75	5.00	24.61	520	42	149	6/32	12.79
120/70VR17 TL	F	3.50	2.75-3.75	4.92	23.66	520	42	149	6/32	11.02
120/80V17 TL	F	2.75	2.50-3.00	4.64	24.92	567	42	149	6/32	11.24
150/80HR17 TL	F	3.50	3.50-4.25	5.98	26.73	783	42	130	6/32	15.74
100/90H18 TL	F	2.50	2.15-2.75	4.01	25.04	494	42	130	7/32	11.02
110/90H18 TL	F	2.50	2.15-3.00	4.49	25.87	567	42	130	7/32	13.01
120/90HB18 TL	F	2.75	2.50-3.00	4.88	26.97	639	42	130	6/32	14.99
130/60VR18 TL*	F	3.50	3.50-4.00	4.92	24.17	551	42	168	6/32	9.92
"G" 130/70HR18 TL*	F	3.50	3.50-4.00	5.10	25.71	600	42	130	6/32	14.90
"H" 130/70HR18 TL	F	3.50	3.50-4.00	4.96	25.77	600	42	130	7/32	13.22
130/70HB18 TL	F	3.50	3.00-4.00	4.84	25.31	600	42	130	7/32	13.23
140/70H18 TL #	F	N/A	N/A	N/A	N/A	N/A	130	N/A	N/A	N/A
100/90H19 TL	F	2.50	2.15-2.75	4.25	26.53	507	42	130	8/32	11.68
110/90H19 TL	F	2.50	2.15-3.00	4.57	27.00	584	42	130	5/32	12.79
80/90H21 TT	F	1.85	1.60-2.15	3.15	27.28	397	42	130	8/32	7.94
90/90H21 TT	F	2.15	1.85-2.50	3.62	27.56	467	42	130	6/32	8.03
120/70V21 TL	F	3.50	2.75-3.75	4.65	27.79	677	42	149	6/32	11.22
140/80HB15 TL	R	3.50	2.75-3.75	5.71	24.37	677	42	130	10/32	14.77
140/90HB15 TL	R	3.50	2.75-3.75	5.83	25.20	739	42	130	10/32	16.09
150/80HB15 TL	R	3.50	3.00-4.00	5.83	25.20	739	42	130	10/32	15.87
150/80VB15 TL	R	3.50	3.00-4.25	5.83	25.20	739	42	149	10/32	15.98
150/90HB15 TL	R	3.50	3.00-4.00	6.22	26.06	992	49	130	10/32	19.40
170/80HB15 TL	R	4.00	3.50-5.00	7.36	26.37	908	42	130	10/32	20.28
180/70HB15 TL	R	5.00	4.25-5.50	7.00	25.51	882	42	130	10/32	21.38
130/90HB16 TL	R	3.00	2.50-3.50	5.39	25.43	805	49	130	10/32	16.98
140/90HB16 TL	R	3.50	2.75-3.75	5.75	26.18	908	49	130	10/32	17.20
150/80HB16 TL	R	3.50	3.00-4.00	6.02	25.98	761	42	130	10/32	15.65
160/80HB16 TL	R	3.50	4.00-4.50	7.00	27.40	1017	42	128	11/32	18.71
"G" 180/60HR16 TL*	R	5.00	5.00-5.50	6.85	24.76	N/A	42	130	10/32	17.85
180/70HR16 TL*	R	5.00	5.00-6.00	6.89	26.14	908	42	130	10/32	20.28
200/60VR16 TL*	R	5.50	5.50-6.25	7.75	25.94	963	42	149	8/32	18.26
240/50VR16 TL*	R	7.50	7.00-8.00	9.45	25.90	1102	42	149	9/32	20.07
140/80VB17 TL	R	3.50	2.75-4.00	5.67	26.34	716	42	149	10/32	17.87
160/70VB17 TL	R	4.50	3.75-5.00	6.18	25.75	963	49	149	11/32	19.84
170/60VR17 TL*	R	4.50	4.25-5.50	6.65	25.15	783	42	149	10/32	14.99
210/50VR17 TL*	R	6.50	6.00-7.00	8.27	25.27	937	42	149	7/32	14.30
140/70HB18 TL #	R	N/A	N/A	N/A	N/A	N/A	130	N/A	N/A	N/A
180/55VR18 TL*	R	5.50	5.50-6.00	7.32	25.79	827	42	149	8/32	15.49
200/50VR18 TL*	R	5.50	5.50-6.50	7.75	25.94	882	42	149	8/32	16.50
240/40VR18 TL*	R	8.50	8.00-9.00	9.41	25.79	963	42	149	8/32	18.36

## LEGEND:

- \* denotes radial tire
- TL denotes tubeless
- TT denotes tube type
- # denotes August 02 availability



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