

1988 FXLR Low Rider Custom

Facts as of Oct 30, 2026. Built from the FXR Archive database. General facts for the 1988 FXLR, not any one bike.

ENGINE

Evolution, 80 cubic inches (1340)

GEARBOX

5-speed

FINAL DRIVE

Belt

CHARGING

22 amps

VIN MODEL CODE

EL

WHEELBASE

63.2 in

DRY WEIGHT, AS SHIPPED

575 lb

From: FXLR Low Rider Custom, Transmission Info, Charging System

Still on the road

about 466

1988 FXLR bikes left
of 889 built

about 6,784

FXLR bikes left, all years
of 12,486 built, 1987 to 1994

An estimate, not a count. Built numbers come from The Bazar Book of FXRs (page 73). Each year is worn down 3% a year for 3 years, 2% for 5, then 1.5%, to Jan 1, 2026. The book's numbers for this row do not add up, so treat it as rough.

From: FXRs on the Road

What's it worth?

Every bike is different. Answer a few questions about yours and our calculator does the math.

[What's My FXR Worth? ›](#)

Fork and capacities

Fork tubes 1.54 in (39mm), short tube

Fuel tank 4.2 gal

Oil tank, with filter 3.0 qt

Primary chaincase 1.5 qt (48 oz)

Fork oil, each leg 10.2 oz

From: FXR Forks: 35mm vs 39mm, Harley-Davidson 1988 owner's manual 99466-88, page 40

Gearbox and gearing

Teeth

Engine 24, clutch 37, gearbox 32, rear 70

Overall ratios

10.93, 7.45, 5.4, 4.16, 3.37

Gearbox oil

About 1 pint

Mainshaft

Tapered with Woodruff key (last tapered years)

From: FXR Transmission Info

Charging system

Output

22 amps

Stator

29965-81A (now 29965-81C)

Regulator

74516-86

Rotor

29957-81B, the same on every FXR

Battery

65991-82A

Want 32 amps? Fit a 32 amp stator and a 32 amp regulator. The rotor stays.

From: FXR Charging System

Known Issues

#2 Tapered vs splined transmission mainshaft 1982 to 1989

#3 Charging system: stator and regulator All years

#4 Stator plug failure Evo, 1984 to 1994 and CVO

#6 Evo top end oil weeps 1984 to 1994 and CVO

#7 The FXR wobble: swingarm bushings and isolators All years

#8 Walking inner primary race 1985 to 1994 and CVO

#11 Starter spins but will not crank All years

#12 Cracked engine case O-ring lip All years

#13 Wet sumping after the bike sits All years

#15 Evo cylinder studs: the 1994 change 1984 to early 1994

#16 The gangster lean: a worn jiffy stand All years

#17 Runaway starter: a stuck relay or solenoid All years

From: Known Issues

Recalls that may apply

90V188000, November 1, 1990 (1987 to 1990 FXR): The upper mounting bolt for the front brake caliper could fracture. The brake keeps working, but its threaded bushing can move until it touches the front wheel spokes. *Fix: Replace the upper caliper mounting bolts.*

92V108000, July 22, 1992 (1986 to 1992 FXR): The fuel tank leaked in impact testing done by Harley-Davidson. *Fix: Repair the motorcycles so the tank does not spill fuel.*

Whether a recall covers one bike depends on its VIN. Check it at nhtsa.gov/recalls.

From: Historical Recalls

Road tests and reviews

Cycle World, Jan 1987: 1987 FXLR. 13.95 s at 91.72 mph quarter mile, 45 mpg.

Cycle World, Nov 1992: 1993 FXLR vs Honda Shadow 1100 and Kawasaki Vulcan 88. 13.90 s at 95.54 mph quarter mile, 47 mpg (40 to 52).

hooohoblin video: FXLR Low Rider Custom (1991).

From: Period Road Tests, Modern Reviews

Factory books

Owner's manual

All models (1988), 99466-88. Open it [here](#).

Parts catalog

All 1340cc models (1987 to 1990), 99450-90A. Open it [here](#).

Service manual

FLT, FXR (1984 to 1990), 99483-90. For sale only

From: FXR Manuals

FXR Archive, fxrarchive.com. Counts are estimates. We refresh reports once a week when our facts change.