

1993 FXRP Police

Riders call it the **"RP"**

Facts as of Oct 30, 2026. Built from the FXR Archive database. General facts for the 1993 FXRP, not any one bike.

ENGINE

Evolution, 80 cubic inches (1340)

GEARBOX

5-speed

FINAL DRIVE

Belt

CHARGING

32 amps

VIN MODEL CODE

ED, EF or EK

WHEELBASE

64.70 in

DRY WEIGHT, AS SHIPPED

640 lb; 630 lb with windshield

From: FXRP Police, Transmission Info, Charging System

Still on the road

about 351

1993 FXRP bikes left
of 621 built

about 4,448

FXRP bikes left, all years
of 8,339 built, 1984 to 1994

An estimate, not a count. Built numbers come from The Bazar Book of FXRs (page 93). Each year is worn down 3% a year for 3 years, 2% for 5, then 1.5%, to Jan 1, 2026.

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), long tube

Fuel tank 3.8 gal

Oil tank, with filter 3.0 qt

Primary chaincase 38 to 44 oz

Fork oil, each leg 10.5 oz

Suspension Long-tube fork, the taller FXRT length.

From: FXR Forks: 35mm vs 39mm, Harley-Davidson 1993 police owner's manual 99478-93, page 74

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 20 to 24 oz

Mainshaft Straight spline

From: FXR Transmission Info

Charging system

Output 32 amps

Stator 29970-88A (now 29970-88D)

Regulator 74519-88

Rotor 29957-81B, the same on every FXR

Battery 65991-82A

From: FXR Charging System

Known Issues

#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

#10 Inner cam bearing 1992 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

#14 Weaker 1989 to 1993 Evo cases 1989 to 1993

#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

Factory books

Owner's manual

FXRP, FLHTP police (1993), 99478-93. Open it [here](#).

Parts catalog

FXR models (1993 to 1994), 99450-94B. Open it [on Harley's site](#).

Parts catalog

FLHTP, FXRP police (1993 to 1994), 99545-94A. Open it [on Harley's site](#).

Service manual

FLT, FXR (1993 to 1994), 99483-94A. For sale only

From: FXR Manuals

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