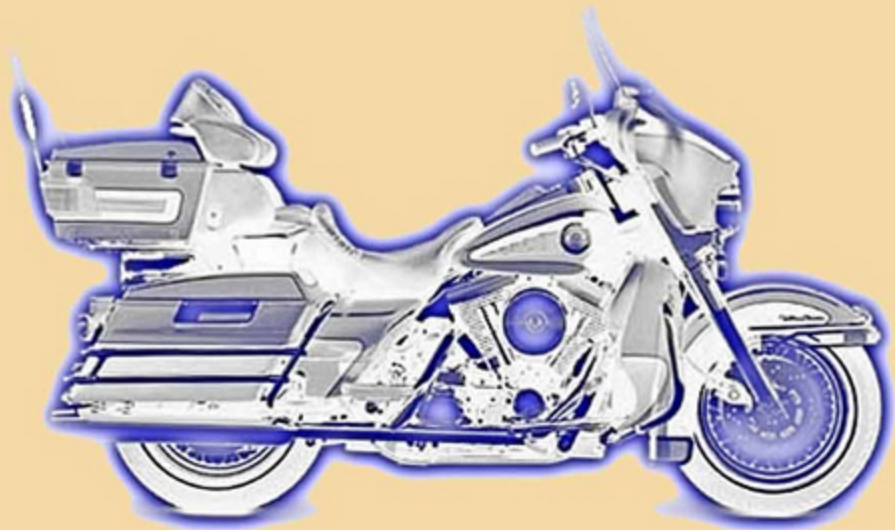


1984 - 1998



REPAIRMANUALSONCD.COM

SERVICE MANUAL
FLH/FLT/FXR EVOLUTION
1984 - 1998



Preparing the Motorcycle for Storage

The amount of preparation a motorcycle should undergo before storage depends on the expected length of disuse, storage area conditions and personal preference. Consider the following list of minimum requirements:

1. Wash the motorcycle thoroughly. Make sure all dirt, mud and road debris are removed.
2. Start the engine and allow it to reach operating temperature. Drain the engine oil regardless of the riding time since the last service. Fill the engine with the recommended type of oil.
3. Fill the fuel tank completely. There is no need to try to empty the fuel delivery or return lines since they are not vented to the atmosphere.

4. Remove the spark plugs and pour a teaspoon (15-20 ml) of engine oil into the cylinders. Place a rag over the openings and slowly turn the engine over to distribute the oil. Reinstall the spark plugs.
5. Remove the battery. Store the battery in a cool and dry location. Charge the battery once a month.
6. Cover the exhaust and intake openings.
7. Apply a protective substance to the plastic and rubber components. Make sure to follow the manufacturer's instructions for each product being used.
8. Place the motorcycle on a stand or wooden blocks so the wheels are off the ground. If this is not possible, place a piece of plywood between the tires and the ground. Inflate the tires to the recommended pressure if the motorcycle cannot be elevated.
9. Cover the motorcycle with old bed sheets or something similar. Do not cover it with any plastic material that will trap moisture.

Returning the Motorcycle to Service

The amount of service required when returning a motorcycle to service after storage depends on the length of disuse and storage conditions. In addition to performing the reverse of the above procedure, make sure the brakes, clutch, throttle and engine stop switch work properly before operating the motorcycle. Refer to Chapter Three and evaluate the service intervals to determine which areas require service.

Table 1 MODEL IDENTIFICATION

Model Description	Years Produced
FXR Super Glide	1986-1994
FXRS Low Rider and Convertible	1984-1992
FXRS-SP Low Rider Sports Edition	1988-1993
FXLR Low Rider Custom and Anniversary Edition	1987-1994
FXRD Super Glide Grand Touring	1986
FXRT Sports Glide	1984-1992
FXRS-Con Low Rider-Convertible	1991-1993
FXWG Wide Glide	1985-1986
FXSB Low Rider	1985
FXEF Fat Bob	1985
FXR2 and FXR3 Super Glide	1999
FLHT Electra Glide	1995-1998
FLHTC Electra Glide Classic and Anniversary Edition	1984-1998
FLHTC-I* Electra Glide Classic	1996-1998
FLHTC-U Electra Glide Classic-Ultra and Anniversary Edition	1989-1997
FLHTC-UI* Electra Glide Classic-Ultra and Anniversary Edition	1996-1998
FLHS Electra Glide-Sport	1988-1993
FLHR Road King	1995-1998
FLHR-I* Road King	1996-1997

(continued)

Table 1 MODEL IDENTIFICATION (continued)

Model Description	Years Produced
FLHRC-I* Road King	1998
FLTC Tour Glide	1984-1991
FLTC-U Tour Glide Classic-Ultra	1989-1995
FLTC-UI* Tour Glide	1996
FLTR Road Glide	1998
FLTR-I* Road Glide	1998

*Indicates models equipped with electronic fuel injection.

Table 2 GENERAL SPECIFICATIONS (FXR, FLH AND FLT)*

Item and model	in.	mm
Wheel base		
1984-1985		
FXRT	64.7	1643.4
FXRS	63.13	1603.5
FLHTC	62.9	1597.6
FLTC	62.9	1597.6
1986-1990		
FXR and FXRS	63.13	1603.5
FLHTC and FLHS	62.94	1598.7
FLTC	62.94	1598.7
1991-1994		
FXR, FXRS and FXLR	63.13	1603.5
FXRT, FXRS-SP and FXRS-Con	64.7	1643.4
FLH and FLT series models	62.94	1598.7
1995-1996		
FLH and FLT series models	62.94	1598.7
1997-1998		
FLH and FLT series models	62.94	1598.7
1999 FXR2 and FXR3	63.13	1603.5
Length		
1984-1985		
FXRS	91.65	2327.9
All models except FXRS	94.2	2392.7
1986-1990		
FXR and FXRS	91.65	2327.9
FXLR	91.6	2326.6
FXRD	98.0	2489.2
FXRT	94.2	2392.7
FXRS and FXRS-SP	93.2	2367.3
FLHTC	94.25	2393.9
FLTC	94.25	2393.9
1991-1992		
FXR and FXRS	91.65	2327.9
FXRT	94.2	2392.7
FXLR	91.6	2326.6
FXRS-SP and FXRS-Con	93.2	2367.3
FLT	94.25	2393.9
1993		
FXLR	91.63	2327.8
FXRS-SP and FXRS-Con	93.2	2367.3
FLHS	94.25	2394.0
1993-1996		
FXR	91.6	2326.6
FLH and FLT series models	94.25	2393.9

(continued)

Table 2 GENERAL SPECIFICATIONS (FXR, FLH AND FLT)* (continued)

Item and model	in.	mm
Length (continued)		
1997-1998		
FLHTC	97.5	2476.5
FLHTU	98.3	2496.8
FLHT, FLHRC and FLTR	93.7	2380.0
1999		
FXR2	92.75	2355.9
FXR3	92.34	2345.4
Width		
1984-1985		
FXRT	34.5	876.3
FXRS	31.0	787.4
FLHT and FLHTC	37.0	939.8
FLT	37.0	939.8
1986-1992		
FXR and FXRS	31.0	787.4
FXRT and FXRD	34.5	876.3
FXLR, FXRS, FXRS-SP and FXRS-Con	31.0	787.4
FLHTC and FLHS	39.0	990.6
FLTC	37.0	939.9
1993		
FXRS-SP and FXRS-Con	31.0	787.4
FLHS	39.0	990.6
1993-1994		
FXR	31.0	787.4
FXLR	31.0	787.4
FLHTC and FLHTC-U	39.0	990.6
FLTC-U	37.0	939.9
1995-1996		
FLTC-U and FLTC-UI	37.0	939.9
FLHTC, FLHTC-U, FLHTC-UI and FLHTC-I	39.0	990.6
FLHR	34.45	875.0
1997-1998		
FLHR, FLHR-I and FLHRC-I	34.45	875.0
FLHTC, FLHTC-U, FLHTC-UI and FLHTC-I	39.0	990.6
1999 FXR2 and FXR3	33.50	850.9
Overall height		
1984-1985		
FLHTC	60.5	1536.7
FLTC	59.0	1498.6
FXRT	59.5	1511.3
FXRS	48.0	1219.2
1986-1992		
FLHTC and FLHS	61.0	1549.4
FLTC	58.75	1492.3
FXR, FXRS and FXLR	48.0	1219.2
FXRT and FXRD	59.5	1511.3
FXRS, FXRS-SP and FXRS-Con	50.0	1270.0
1993		
FXRS-SP and FXRS-Con	50.0	1270.0
FLHS	61.0	1549.4
1993-1994		
FXR	48.0	1219.2
FXLR	48.0	1219.0
FLTC-U	58.75	1492.3
FLHTC and FLHTC-U	61.0	1549.4
1995-1998		
FLTC-U	58.75	1492.3

(continued)

Table 2 GENERAL SPECIFICATIONS (FXR, FLH AND FLT)* (continued)

Item and model	in.	mm
Overall height		
1995-1998 (continued)		
FLHT, FLHTC, FLHTC-U, FLHTC-UI and FLHTC-I	61.0	1549.4
FLHR, FLHR-I and FLHRC-I	55.06	1398.5
1999 FXR2 and FXR3	49.63	1260.6
Seat height		
1984-1985		
FXRS	28.1	713.7
All models except FXRS	28.0	711.2
1986-1992		
FLHTC and FLHS	28.0	711.2
FLTC	29.6	751.8
FXR, FXRS and FXLR	26.5	673.1
FXRT	27.75	704.8
FXRD	28.25	717.6
FXRS, FXRS-SP and FXRS-Con	27.5	698.5
1993	27.0	685.8
FXRS-SP and FXRS-Con	27.5	698.5
FLHS	27.0	685.8
1993-1994		
FXR	26.0	660.4
FXLR	26.5	673.1
FLHTC and FLHTC-U	28.0	711.2
FLTC-U	29.62	752.3
1995-1996		
FLTC-U	28.5	723.9
FLHT, FLHTC, FLHTC-U, FLHTC-UI and FLHTC-I	28.0	711.2
FLHR	28.20	716.3
1997-1998		
FLHT, FLHTC, FLHTC-U, FLHTC-UI, FLHTC-I and FLHR	27.25	692.2
1999		
FXR2	25.50	647.7
FXR3	25.80	655.3
Ground clearance		
1984-1985		
FXRT	6.0	152.4
FXRS	5.25	133.4
FLHTC and FLTC	5.1	129.5
1986-1994		
FXR, FXRS and FXLR	5.25	133.4
FXRT, FXRD, FXRS, FXRS-SP and FXRS-Con	6.0	152.4
1995-1998		
FLH and FLT series models	5.12	130.0
1999		
FXR2	4.56	115.8
FXR3	4.48	113.8
*Dimensions are identical for both fuel-injected and carbureted models.		

Table 3 GENERAL SPECIFICATIONS (FXWG, FXSB AND FXEF)

Item and model	in.	mm
Wheel base		
FXEF	63.0	1600.0
FXSB	63.50	1612.9
(continued)		