

1986 - 2003



SERVICE MANUAL
XL/XLH SPORTSTER
1986 - 2003

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QUICK REFERENCE DATA

MOTORCYCLE DATA

MODEL: _____	YEAR: _____
VIN NUMBER: _____	
ENGINE SERIAL NUMBER: _____	
CARBURETOR SERIAL NUMBER: _____	

TIRE INFLATION PRESSURE (COLD)¹

	psi	kPa
Up to 300 lb. load ²		
Front		
1200 models	30	207
883 and 1100 models		
1986-1990	26	179
1991-2003	30	207
Rear		
1200 models	36	248
883 and 1100 models		
1986-1990	30	207
1991-2003	36	248
Up to GVWR maximum load ³		
Front		
1200 models	30	207
883 and 1100 models		
1986-1990	26	179
1991-2003	30	207
Rear		
1200 models	40	276
883 and 1100 models		
1986-1990	32	221
1991-2003	40	276

1. Tire inflation pressure is for original equipment tires. Aftermarket tires may require a different inflation pressure.
2. 300 lb. load includes rider, passenger and cargo.
3. The gross vehicle weight rating (GVWR) is listed on a decal mounted on the frame.

ENGINE OIL SPECIFICATIONS

Type	HD rating	Viscosity	Ambient operating temperature
HD Multi-grade	HD360	SAE 10W/40	Below 40° F
HD Multi-grade	HD360	SAE 20W/50	Above 40° F
HD Regular heavy*	HD360	SAE 50	Above 60° F
HD Extra heavy*	HD360	SAE 60	Above 80° F

*Not recommended for use when ambient temperature is below 50° F.

ENGINE AND PRIMARY DRIVE/TRANSMISSION OIL CAPACITIES

Oil tank refill capacity with filter replacement	3.0 qt. (2.8 L)
Transmission (includes primary chaincase)	
1986-1992 models	24 oz. (710 ml)
1993-2003 models	32 oz. (946 ml)

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