

SERVICE
SOFTAIL® MODELS

1997
1998



MANUAL



OFFICIAL FACTORY MANUAL

PN99482-98

1997/1998 SOFTAIL

SERVICE MANUAL

The information in this manual applies to
the 1997 and 1998 Softail models.

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MAINTENANCE 1

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SERVICE INTERVALS

BREAK-IN MAINTENANCE

⚠WARNING

Always follow the listed service and maintenance recommendations, since they affect the safe operation of the motorcycle and the personal welfare of the rider. Failure to follow recommendations may cause personal injury.

The performance of new motorcycle initial service is required to keep new motorcycle warranty in force and to ensure proper emissions system operation.

After a new motorcycle has been driven the first 500 miles (800 km), initial service operations should be performed by an authorized Harley-Davidson dealer.

CHECK AT FIRST 500 MILES (800 km)

After 500 miles (800 km) a Harley-Davidson dealer should perform the 500 mile (800 km) maintenance listed in the Owner's Manual (see Scheduled Service Table).

SAFE OPERATING MAINTENANCE

Good maintenance means a safe machine. A careful check of certain equipment must be made after periods of storage and frequently between the regular service intervals to determine if additional maintenance is necessary.

Check the following items:

1. Tires for correct pressure, abrasions, cuts and wear.
2. Belt for proper tension.
3. Brakes, steering, and throttle for responsiveness.
4. Brake fluid level and condition. Hydraulic lines and fittings for leaks. Also, check brake pads and discs for wear.
5. Cables for fraying or crimping and free operation.
6. Engine oil, primary chaincase, and transmission fluid levels. Do not overfill oil tank.
7. Wheel spoke tightness, if applicable.
8. Headlight, taillight and turn signal operation.

REGULAR SERVICE INTERVALS

Regular lubrication and maintenance is required to keep Harley-Davidson motorcycles operating at peak performance levels. In addition, regular maintenance will provide for longer motorcycle life and greater riding pleasure.

NOTE

Any alterations to the emission system components, such as carburetor and exhaust system, may be in violation of federal and state laws.



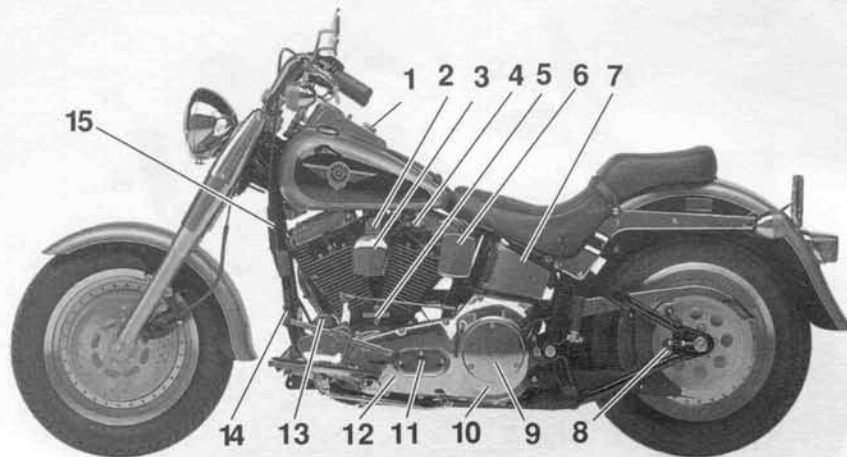
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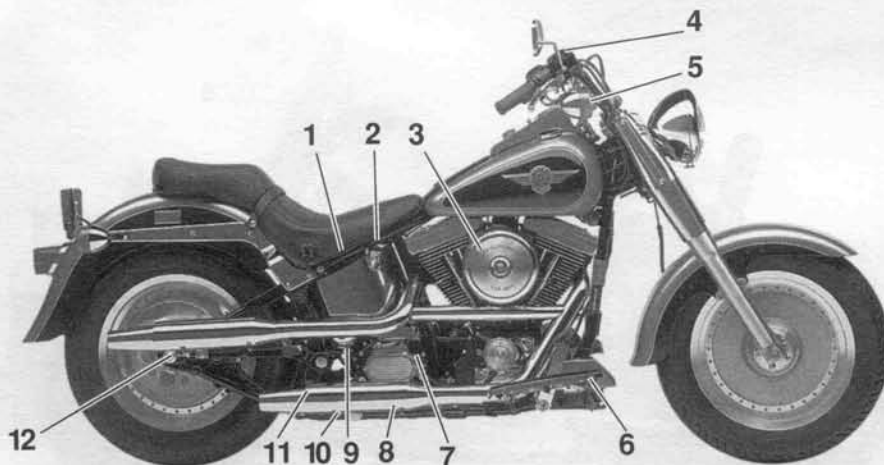
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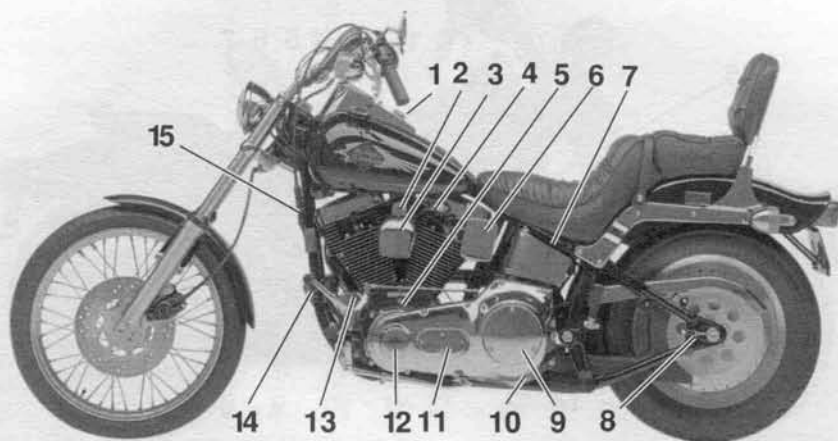
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|--------------------------------|---------------------------------|------------------------------------|
| 1. Ignition/light switch | 6. Ignition coil | 11. Primary chain inspection cover |
| 2. Carburetor enricher knob | 7. Ignition module (under seat) | 12. Primary chain cover |
| 3. Horn | 8. Rear axle adjuster | 13. Engine oil filter |
| 4. Fuel supply valve | 9. Clutch inspection cover | 14. Voltage regulator |
| 5. Timing inspection hole plug | 10. Primary drain plug | 15. Clutch cable adjuster |

Fat Boy (FLSTF) – Left Side View (Typical - 1997 Model Shown)



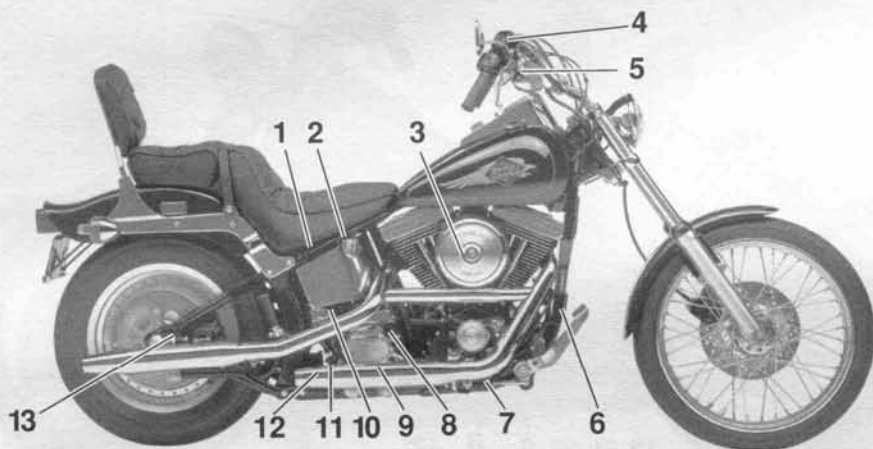
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|--|---|---------------------------|
| 1. Battery (under seat) | 5. Front turn signal and running lamp | 9. Electric starter motor |
| 2. Engine oil fill plug/dipstick | 6. Rear brake master cylinder/reservoir | 10. Shock absorbers |
| 3. Carburetor/air cleaner | 7. Transmission fill plug | 11. Engine oil tank drain |
| 4. Front brake master cylinder/reservoir | 8. Transmission drain plug | 12. Rear axle adjuster |

Fat Boy (FLSTF) – Right Side View (Typical - 1997 Model Shown)



- | | | |
|--------------------------------|---------------------------------|------------------------------------|
| 1. Ignition/light switch | 6. Ignition coil | 11. Primary chain inspection cover |
| 2. Carburetor enrichener knob | 7. Ignition module (under seat) | 12. Primary chain cover |
| 3. Horn | 8. Rear axle adjuster | 13. Engine oil filter |
| 4. Fuel supply valve | 9. Clutch inspection cover | 14. Voltage regulator |
| 5. Timing inspection hole plug | 10. Primary drain plug | 15. Clutch cable adjuster |

Softail Custom (FXSTC) – Left Side View (Typical - 1997 Model Shown)



- | | | |
|--|---|----------------------------|
| 1. Battery (under seat) | 5. Front turn signal and running lamp | 10. Electric starter motor |
| 2. Engine oil fill plug/dipstick | 6. Rear brake master cylinder/reservoir | 11. Engine oil tank drain |
| 3. Carburetor/air cleaner | 7. Rear brake master cylinder/reservoir | 12. Shock absorbers |
| 4. Front brake master cylinder/reservoir | 8. Transmission fill plug | 13. Rear axle adjuster |
| | 9. Transmission drain plug | |

Softail Custom (FXSTC) – Right Side View (Typical - 1997 Model Shown)

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