



2000 Harley-Davidson® Owners Manual Screamin' Eagle® Road Glide®





IMPORTANT NOTICE!

SAFETY DEFINITIONS

Statements in this manual preceded by the following words are of special significance:

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE:

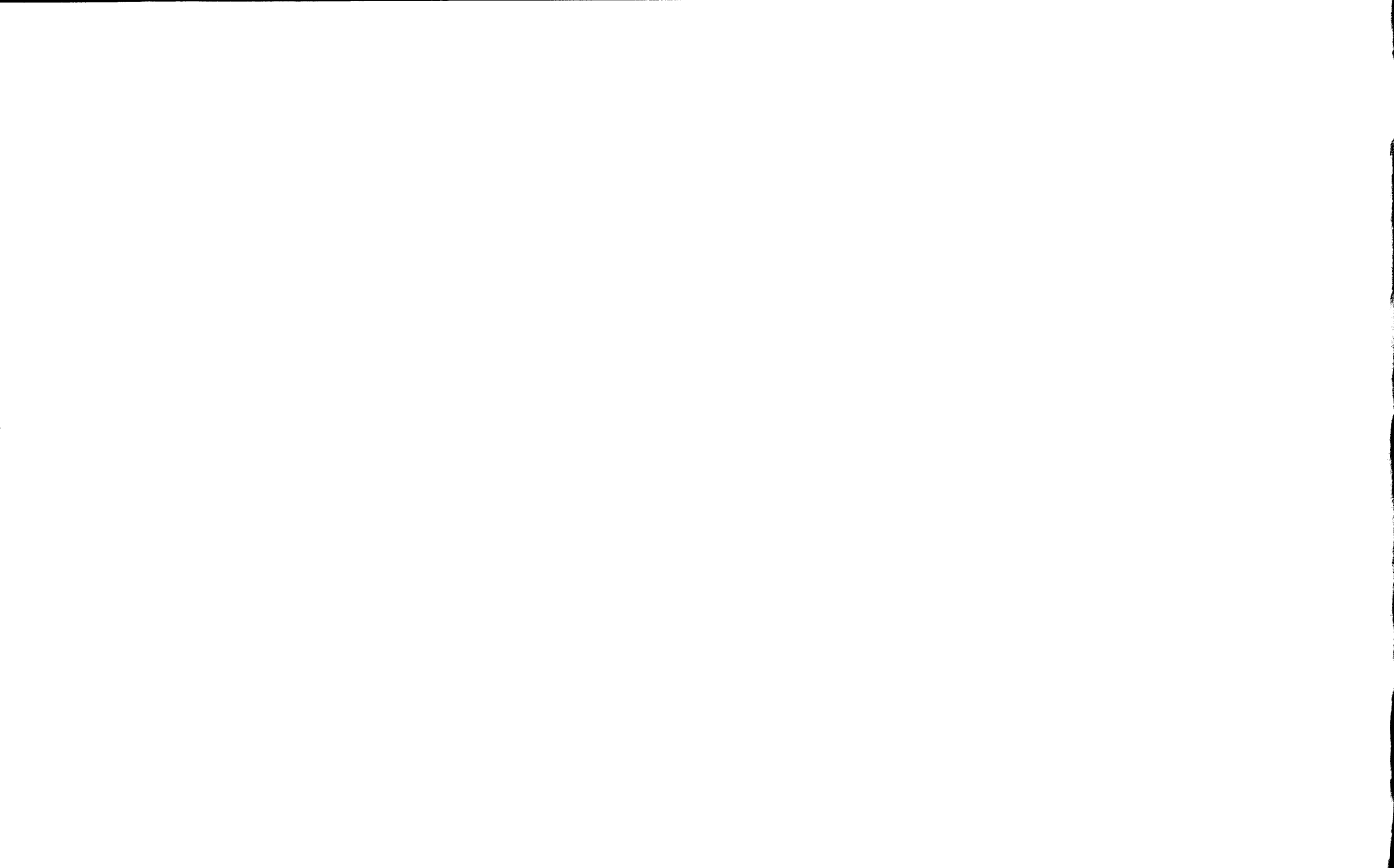
Refers to important information, and is placed in italic type.

It is recommended that you take special notice of these items.

HARLEY-DAVIDSON MOTORCYCLES ARE FOR ON-ROAD USE ONLY

This motorcycle is not equipped with a spark arrester and is designed to be used only on the road. Operation of off-road usage in some areas may be illegal. Obey local laws and regulations. This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle when resold.

VISIT THE HARLEY-DAVIDSON WEB SITE
<http://www.harley-davidson.com>



YOUR OWNER'S MANUAL

WE CARE ABOUT YOU

Welcome to the Harley-Davidson® Motorcycling Family! When enjoying your Harley-Davidson motorcycle, be sure to ride safely, defensively and within the limits of the law. Ride with your headlamp on, always wear a helmet, proper eyewear and protective clothing, and insist your passenger does too. Never ride while under the influence of alcohol or drugs. Know your Harley® and read your Owners Manual cover to cover. Enhance your ownership experience further by individualizing your motorcycle through the installation of tried and tested Harley-Davidson® Genuine Motor Parts™ and Genuine Motor Accessories™. When adding performance products to your Harley, be a good neighbor and choose products that comply with local noise and emissions regulations. Protect your privilege to ride by joining the American Motorcyclist Association.

Your new Harley-Davidson motorcycle is designed and manufactured to be the finest in its field. Your Harley-Davidson motorcycle conforms to all applicable U.S. Federal Motor Vehicle Safety Standards and U.S. Environmental Protection Agency regulations effective on the date of manufacture.

This manual has been prepared to acquaint you with the operation, care and maintenance of your motorcycle, and to provide you with important safety information. Follow these instructions carefully for maximum motorcycle performance and for your personal motorcycling safety and pleasure.

Your Owners Manual contains instructions for operation and minor maintenance. Major repairs are covered in the Harley-Davidson Service Manual. Such major repairs require the attention of a skilled technician and the use of special tools and equipment. Your Harley-Davidson dealer has the facilities, experience and Genuine™ Harley-Davidson® parts necessary to properly render this valuable service. We recommend that any emission system maintenance be performed by an authorized Harley-Davidson dealer.

Harley-Davidson Motor Company

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Printed in the U.S.A.

PERSONAL INFORMATION

Name _____

Address _____

Telephone No. _____

VEHICLE INFORMATION

Vehicle Identification No. _____

Ignition Key No. _____

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BUSINESS REPLY CARD

SAFE OPERATING RULES

Before operating your new motorcycle ***it is your responsibility*** to read and follow operating and maintenance instructions in this manual, and follow these basic rules for your personal safety.

- See RULES OF THE ROAD section. Know and respect the rules of the road. Read and observe the MOTORCYCLE SAFETY booklets that come with this Owner's Manual. You should also read and know the contents of the MOTORCYCLE HANDBOOK for your state.
- Before starting engine, check for proper operation of brake, clutch, shifter, throttle controls, correct fuel and oil supply.

WARNING

We caution you against the use of certain non-standard parts such as after-market and custom made extended front forks which may adversely affect performance and handling. Removing or altering factory installed standard parts may also affect performance which could result in death or serious injury.

- Use only Harley-Davidson approved parts and accessories. Use of certain other manufacturer's performance parts will void your new motorcycle warranty. See your Harley-Davidson Dealer for details.

WARNING

Gasoline is extremely flammable and highly explosive. Always stop the engine when refueling or servicing the fuel system. Do not smoke or allow open flame or sparks near gasoline. Inadequate safety precautions could result in an explosion and death or serious injury.

- When refueling your motorcycle, the following rules should be observed:
 - a. Refuel in a well ventilated area with the engine turned off.
 - b. Remove fuel filler cap slowly.
 - c. Do not smoke or allow open flames or sparks when refueling or servicing the fuel system.
 - d. Always close the fuel supply valve when the engine is not running. This prevents flooding of the carburetor and the surrounding area with gasoline.
 - e. Do not fill fuel tank above the bottom of the filler neck insert.
 - f. Leave air space to allow for fuel expansion.

 WARNING

Motorcycle exhaust contains poisonous carbon monoxide gas. Do NOT inhale exhaust gases and never run the engine in a closed garage or confined area. Inhaling carbon monoxide gas could result in death or serious injury.

 WARNING

Your vehicle is equipped with a jiffy stand that locks when placed in the full forward (down) position and the vehicle weight is rested on it. Without vehicle weight resting on the jiffy stand, any movement of the vehicle could cause the jiffy stand to retract slightly from the full forward position. If the jiffy stand is not in the full forward (lock) position when vehicle weight is rested on it, the vehicle may fall over which could result in death or serious injury.

 WARNING

Be sure jiffy stand is fully retracted before riding the motorcycle. If jiffy stand is not fully retracted during vehicle operation, it could contact the road surface causing a momentary disturbance before retracting. This momentary disturbance could result in distracting the rider, loss of vehicle control, and death or serious injury.

- See BREAK-IN - THE FIRST 500 MILES (800 KM) section. A new motorcycle must be operated according to the special break-in procedure.
- Operate motorcycle only at moderate speed and out of traffic until you have become thoroughly familiar with its operation and handling characteristics under all conditions.

NOTE:

If you are an inexperienced rider we recommend that you obtain information and formal training in the correct motorcycle riding technique. The Motorcycle Safety Foundation® offers beginning and advanced rider safety courses. Call 1-800-447-4700 for information.



WARNING

Avoid excessive speed and never travel at a speed faster than the posted speed limit. Excessive speed may cause loss of control of vehicle, which could result in death or serious injury.

- Do **not** exceed the legal speed limit or drive too fast for existing conditions. Always reduce speed when poor driving conditions exist. High speed increases the influence of any other condition affecting stability and increases the possibility of loss of control.
- Do **not** exceed 80 mph (130 km/h) when carrying a passenger or cargo.

- Pay strict attention to road surfaces and wind conditions. Any two wheeled vehicle may be subject to the following upsetting forces:
 - a. Wind blasts from passing trucks.
 - b. Holes in the pavement.
 - c. Rough road surfaces.
 - d. Rider control error, etc.,

These forces may influence the handling characteristics of your motorcycle. If this happens, reduce speed and guide the motorcycle with a relaxed grip to a controlled condition. Do not brake abruptly or force the handlebar; this may aggravate an unstable condition.

NOTE:

New riders should gain experience under various conditions while driving at moderate speeds.

- Operate your motorcycle defensively. Remember, a motorcycle does not afford the same protection as an automobile in an accident. **One of the most common accident situations occurs when the driver of the other vehicle fails to see or recognize a motorcycle and turns left into the on-coming motorcyclist.** Operate only with headlamp on.
- Wear an approved helmet, clothing, and foot gear suited for motorcycle riding. Bright or light colors are best for greater visibility in traffic, especially at night. Avoid loose, flowing garments and scarves.
- When carrying passengers, ***it is your responsibility*** to instruct them on proper riding procedures. (See Riding Tips for Motorcyclist included in your Harley-Davidson Owner's Kit.)
- Do not allow others under any circumstances, to operate your motorcycle unless you know they are experienced, licensed riders and are familiar with the operation of your particular motorcycle.
- Protect your motorcycle against theft. After parking your motorcycle, lock the steering head and remove ignition key from switch.
- Safe motorcycle operation requires alert, mental judgment combined with a defensive driving attitude. Do not allow fatigue, alcohol or drugs to endanger your safety or that of others.
- Vehicles equipped with a sound system should have the volume adjusted to a nondistracting level before operating vehicle.
- See MAINTENANCE AND LUBRICATION section. Maintain your motorcycle in proper operating condition in accordance with the Maintenance Intervals chart in this Owner's Manual. Particularly important to motorcycle stability is proper tire inflation pressure, tread condition, and proper adjustment of wheel bearings and steering head bearings.

 WARNING

For your personal welfare, all the listed service and maintenance recommendations should be performed. Lack of regular maintenance at the suggested intervals may affect the safe operation of your motorcycle, which could result in death or serious injury.

 WARNING

Use only Genuine Harley-Davidson replacement fasteners tightened to the proper torque (See your Harley-Davidson Service Manual). We caution you against the use of certain non-standard parts such as after-market and custom made fasteners which may not have specific strength, finish and type requirements to perform properly in the assembly and its environment. The use of any non-standard parts, including fasteners, could result in death or serious injury.

CAUTION

California vehicles, equipped with Evaporative Emission controls, have a plugged carburetor overflow fitting. The fuel supply valve on the vehicle should be turned off when the vehicle is not operating. Failure to do so may result in fuel drainage into the engine, dilution of the engine oil and engine damage.

 WARNING

Do NOT tow a disabled motorcycle with another vehicle. The steering and handling of the disabled motorcycle will be impaired due to the force of the tow line. If a disabled motorcycle must be transported, use a truck or trailer. Towing a disabled motorcycle with another vehicle could cause loss of control of vehicle, which could result in death or serious injury.

 WARNING

Do **NOT** operate motorcycle with a loose, worn or damaged steering system; including the front and rear suspension system. Contact your dealer for repair of steering or suspension system wear or damage. Damaged steering or suspension components may adversely affect handling which could result in death or serious injury.

- Be sure all equipment required by federal, state, and local law is installed and in good operating condition.

 WARNING

Maintain proper tire pressure; including wheel and tire balance. Inspect your tires periodically and replace tires with approved tires only. (See your Harley-Davidson Dealer.) Failure to do so may lead to improper balance, abnormal tread wear, poor handling, which could result in death or serious injury.

 WARNING

Harley Davidson recommends replacement of any tire punctured or damaged. In some cases small punctures in the tread area may be repaired from within the demounted tire by your Harley-Davidson dealer. Speed should not exceed 50 mph (80 km/h) for the first 24 hours after repair and the repaired tire should **NEVER** be used over 80 mph (130 km/h). In emergency situations, if a temporary repair is made, ride slowly with as light a load as possible until the tire is permanently repaired or replaced. Failure to heed this warning could result in death or serious injury.

 WARNING

Do **NOT** exceed the Gross Vehicle Weight Rating of your motorcycle. The Gross Vehicle Weight Rating (GVWR) is shown on the information plate, located on the frame steering head. (GVWR is the sum of the weight of the motorcycle, accessories, and the maximum weight of the rider, passenger and cargo that may be safely carried.) To exceed GVWR may lead to instability of the motorcycle, which could result in death or serious injury.

 WARNING

Do **NOT** pull a trailer behind a motorcycle. Towing a trailer may cause tire overload, unstable handling, and/or reduced braking efficiency, which could result in death or serious injury.

 WARNING

Regularly inspect shock absorbers and front forks and look for leaks. Replace worn parts. Worn parts can affect stability and handling which could result in death or serious injury.

 WARNING

ALWAYS KEEP BRAKE FLUID OUT OF THE REACH OF CHILDREN. D.O.T. 5 SILICONE BRAKE FLUID can cause eye and skin irritation and can be harmful if swallowed, which, if not avoided, could result in death or serious injury.

Brake Fluid Antidote

PHYSICAL LOCATION	PROCEDURE
EXTERNAL	Flush with water.
INTERNAL	Call doctor immediately.
EYES	Flush eyes with water, and get immediate medical attention.

 WARNING

Consult your Harley-Davidson Dealer regarding any questions or problems that occur in the operation of your motorcycle. Failure to do so may aggravate an initial problem, cause costly repairs, jeopardize your personal safety and could result in death or serious injury.

NOTES

RULES OF THE ROAD

- Keep to the right side of the road when riding toward oncoming traffic. Ride to left side of your lane if you suspect oily pavement ahead.
- Always sound your horn, use your turn signals, and pass on the left side when passing other vehicles going in the same direction. Never try to pass another vehicle going in the same direction at street intersections, on curves, or when going up and/or down a hill.
- When you are at street intersections, give the right-of-way to the vehicle on your right. Do not assume you have the right-of-way; the other driver may not know that it is your turn.
- Always use your signals when preparing to pass a vehicle, turn and/or stop.
- All traffic signs, including those used for the control of traffic at intersections, should be obeyed promptly. SLOW DOWN signs near schools and caution signs at railroad crossings should always be observed and your actions governed accordingly.
- When intending to turn to the left, signal at least 100 feet before reaching the turning point. Move over to the centerline of the street (unless local rules require otherwise), slow down, enter the intersection of the street and then turn carefully to the left.
- Never run through a yellow or red traffic light. When a change is indicated from GO to STOP (or vice versa), slow down and wait for the light to change.
- While turning either right or left, watch for pedestrians and animals; as well as vehicles.
- Do not leave the curb or parking area without signaling and being sure that your way is clear to enter moving traffic. Moving lines of traffic have the right-of-way.
- Be sure that your license plate is installed in the position specified by law and that it is clearly visible at all times. Keeping the plate clean will improve visibility for other drivers (especially at night).
- Ride at a safe speed, that is consistent with the type of highway you are on. Pay strict attention to whether the road is:
 - a. Dry
 - b. Oily
 - c. Icy
 - d. Wet
- Watch for debris such as leaves or loose gravel.
- Weather and traffic conditions on the highway dictate adjusting your speed and driving habits accordingly.

ACCESSORIES AND CARGO

Harley-Davidson Motor Company cannot test and make specific recommendations concerning every accessory or combination of accessories sold; therefore, ***the rider must be responsible for safe operation of the motorcycle*** when installing accessories or carrying additional weight.

WARNING

Do NOT load weight or install accessories improperly on the motorcycle. Doing so may affect the motorcycle's stability, handling characteristics, and safe operating speed which could result in death or serious injury.

WARNING

Do NOT exceed the Gross Vehicle Weight Rating of your motorcycle. The Gross Vehicle Weight Rating (GVWR) is shown on the information plate, located on the frame steering head. (GVWR is the sum of the weight of the motorcycle, accessories, and the maximum weight of the rider, passenger and cargo that may be safely carried.) Exceeding GVWR may lead to instability of the motorcycle which could result in death or serious injury.

WARNING

Do NOT pull a trailer behind a motorcycle. Towing a trailer may cause tire overload, unstable handling, and reduced braking efficiency, which could result in death or serious injury.

The following guidelines should be used when equipping a motorcycle, carrying passengers and/or cargo.

WARNING

Avoid excessive speed and never travel at a speed faster than the posted speed limit. Failure to do so may cause loss of control of vehicle, which could result in death or serious injury.

- Do not exceed the legal speed limit or drive too fast for existing conditions. Always reduce speed when poor driving conditions exist. High speed increases the influence of any other condition affecting stability and increases the possibility of loss of control.
- Never exceed 80 mph (130 km/h) when carrying a passenger or cargo.

- Keep cargo weight concentrated close to the motorcycle and as low as possible; this minimizes the change in the motorcycle's center of gravity.
 - a. **Distribute weight evenly** on both sides of the vehicle.
 - b. Do **not** load bulky items too far behind the rider or add weight to the handlebars or front forks.
 - c. Do **not** exceed 15 pounds (6.8 kg) maximum load in each saddlebag.
- Luggage racks are designed for lightweight items - Do **not** overload racks.
- Be sure cargo is secure and **will not** shift while riding.
 - a. Recheck the cargo periodically.

Accessories that change the operator's riding position may increase reaction time and affect handling of the motorcycle.

- Additional electrical equipment may overload the motorcycle's electrical system possibly resulting in electrical system and/or component failure.

⚠ WARNING

The front and/or rear guard(s) may provide limited leg and cosmetic vehicle protection under unique circumstances. (Fall over while stopped, very slow speed slide). It is not made or intended to provide protection from bodily injury in a collision with another vehicle or any other object.

- Large surfaces such as fairings, windshields, back rests, and luggage racks can adversely affect handling. Only genuine Harley-Davidson items designed specifically for the motorcycle model should be used with proper installation.

 WARNING

Screamin' Eagle® Road Glide® (FLTRSEI) model(s) are special edition, custom motorcycles. They have been carefully designed and engineered to be ridden in their original configuration. Do NOT alter the handling characteristics of these motorcycles by:

- Changing or adding weight, such as fairings or radios.
- Attempting "custom" alterations such as extended front forks.

Doing so could result in death or serious injury.

 WARNING

We caution you against the use of certain non-standard parts such as after-market and custom made extended front forks which may adversely affect performance and handling. Removing or altering factory installed standard parts may also affect performance which could result in death or serious injury.

 WARNING

Do NOT add a sidecar to the Screamin' Eagle® Road Glide® (FLTRSEI) model motorcycle(s), as they were NOT designed for sidecar use. Use of the vehicle for this purpose may cause loss of vehicle control, which could result in death or serious injury.

 WARNING

The front end components of the Screamin' Eagle® Road Glide® (FLTRSEI) model(s) and their design relationships to each other are very important. Altering these relationships by modifying the FLTRSEI front end may adversely affect the handling of the motorcycle, which could result in death or serious injury.

 WARNING

Do NOT ignore model/design specifications. Doing so constitutes vehicle misuse and could adversely affect handling of the motorcycle which could result in vehicle damage, death or serious injury.

VEHICLE IDENTIFICATION NUMBER (V.I.N.)

See Figure 1. The full 17 digit serial, or Vehicle Identification Number (V.I.N.) is stamped on the steering head and on a label located on the right front frame down tube. An abbreviated V.I.N. is stamped on the left side crankcase at the base of the rear cylinder.

NOTE:

Always give the full 17 digit Vehicle Identification Number when ordering parts or making any inquiry about your motorcycle.

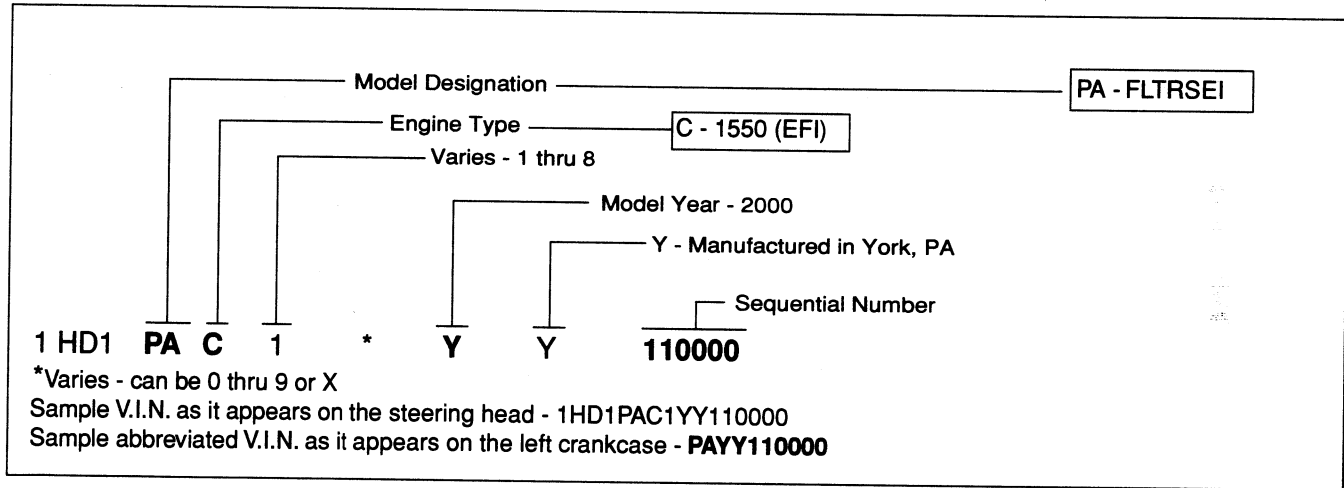


Figure 1. Vehicle Identification Number

BREAK-IN - THE FIRST 500 MILES (800 KM)

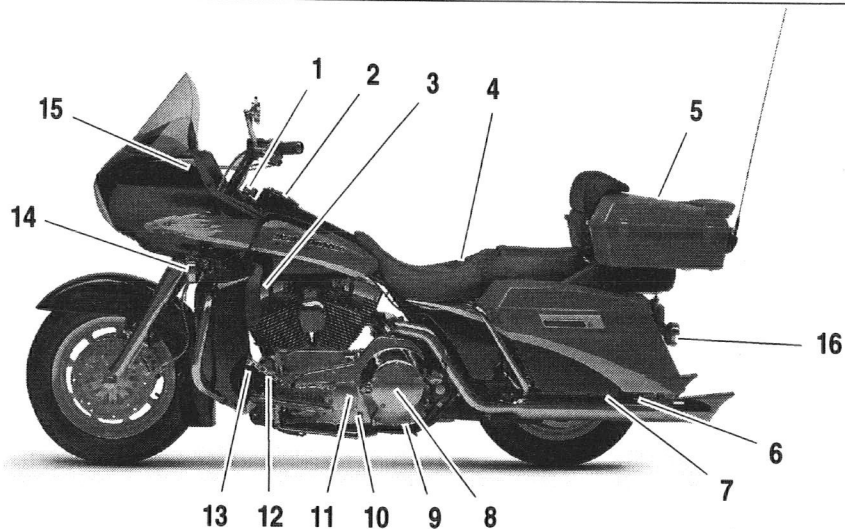
The sound design, quality materials, and workmanship that is built into your new Harley-Davidson will give you optimum performance right from the start.

However, for the first 500 miles (800 km) and to wear-in critical parts, observe the few simple riding rules below. This will assure future performance and durability.

1. During the first 50 miles (80 km), keep the engine speed below 2500 RPM in any gear; however, do not lug the engine.
2. Up to 500 miles (800 km), vary the engine speed, avoiding any steady speed for long distances. Engine speed up to 3000 RPM is permissible in any gear.
3. Avoid fast starts at wide open throttle. Drive slowly until engine warms up.
4. Avoid running the engine at extremely low RPM in higher gears.
 - Do NOT exceed 50 mph (80 km/h) for the first 50 miles (80 km).
 - Do NOT exceed 55 mph (89 km/h) for the first 50 - 500 miles (80-800 km). This will assure future performance and durability.

WARNING

Read the CONTROLS & INDICATORS section before riding your motorcycle. Failure to do so could result in death or serious injury.

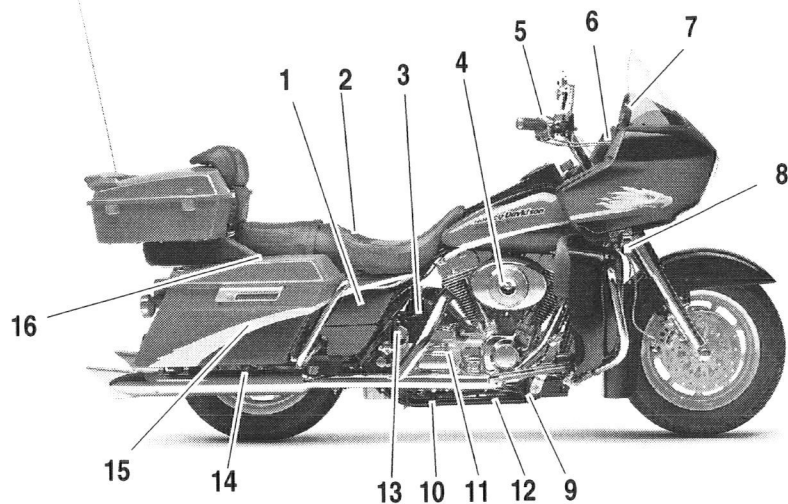


- 1. Ignition/light key switch
- 2. Fuel filler cap
- 3. Ignition coil
- 4. Battery (under seat)
- 5. Detachable Tour-Pak
- 6. Rear sprocket and drive

- 7. Rear axle adjuster
- 8. Clutch inspection cover
- 9. Primary drain plug
- 10. Primary chain cover
- 11. Primary chain inspection cover
- 12. Engine oil filter

- 13. Voltage regulator
- 14. Front directional
- 15. Fuel gauge
- 16. Rear directional

Figure 2. Screamin' Eagle® Road Glide® (FLTRSEI) - Left Side View



- | | | |
|--|---|-------------------------------------|
| 1. ECM Module | 6. Speedometer & indicators | 11. Transmission fill plug |
| 2. ACC connector (under seat) | 7. Radio | 12. Transmission drain plug |
| 3. Electric starter motor | 8. Front directional | 13. Engine oil fill plug & dipstick |
| 4. Air cleaner | 9. Rear brake master cylinder & reservoir | 14. Rear axle adjuster |
| 5. Front brake master cylinder & reservoir | 10. Engine oil tank drain | 15. Shock absorber |
| | | 16. Front/rear suspension air valve |

Figure 3. Screamin' Eagle® Road Glide® (FLTRSEI) - Right Side View

DIMENSIONS

Table 1. Model Dimensions

ITEM	FLTRSEI	
	in.	mm
Wheel Base	63.50	1612.9
Overall Length	99.25	2521.0
Overall Width	35.75	908.1
Road Clearance	5.10	129.5
Overall Height	52.50	1333.5
Saddle Height	26.90	683.3

WEIGHT

Table 2. Model Weights

ITEM	FLTRSEI	
	lb.	kg
Dry Weight (as shipped from factory)	804.0	364.7
GVWR	1259.0	571.1
GAWR Front	500.0	226.8
GAWR Rear	829.0	376.0

NOTE:

Gross Vehicle Weight Rating (GVWR) (maximum allowable loaded vehicle weight) and corresponding Gross Axle Weight Ratings (GAWR) are given on a label located on the frame steering head.

CAPACITIES

Table 3. Model Capacities

ITEM	FLTRSEI	
	U.S. gals.	liters
Fuel Tank (total)	5.0	18.9
Fuel Tank (reserve)	0.5	1.89
	U.S. qt.	liters
Oil Tank w/filter	4.0	3.785
	U.S. oz.	liters
Transmission (Approximate)	24	.71
	U.S. oz.	liters
Front Fork (each)	9.7	.29
	U.S. oz.	liters
Primary Chain Case (Approximate)	32.0	.95

IGNITION SYSTEM

Timing Setting.....Not Adjustable
 Battery (Sealed, Maintenance Free)..... 12 Volt 28 amp/hr.

SPARK PLUGS

Type.....HD-6R12
 Size..... 12 mm
 Gap..... 0.038-0.043 in (0.97-1.09 mm)
 Torque..... 11-18 ft-lbs (14.9-24.4 Nm)

ENGINE

Number of Cylinders.....2
 Type.....4-Cycle, 45 Degree V-Type, air cooled
 Compression Ratio.....9 to 1
 Bore in. (mm).....3.875 in (98.4 mm)
 Stroke in. (mm).....4.00 in (101.6 mm)
 Displacement cu.in./cc.....96/1550
 Torque..... 82.0 ft-lbs @ 3500 RPM

TRANSMISSION

Type Constant Mesh, Foot Shift

Speeds5 Forward

NUMBER OF SPROCKET TEETH (PRIMARY CHAIN)

Engine24

Clutch37

NUMBER OF SPROCKET TEETH

Transmission 32

Rear Wheel 70

Table 4. Overall Gear Ratios

FLTRSEI Models	
Gear	Ratio
1st Gear	10.81
2nd Gear	7.45
3rd Gear	5.29
4th Gear	4.13
5th Gear	3.37

TIRE DATA

WARNING

For your personal safety, the tires, rims and air valves must be correctly matched to wheel rims. See your Harley-Davidson Dealer. Mismatching tires, tubes, rims and air valves may result in damage to the tire bead during mounting, allow tire slippage on the rim, cause tire failure, and could result in death or serious injury.

WARNING

Using tires other than those specified may adversely affect motorcycle stability, which could result in death or serious injury.

- Tubeless tires fitted with the correct size inner tubes may be used on all Harley-Davidson laced (wire spoked) wheels. Protective rubber rim strips must be used with tubeless tires (fitted with correct size inner tubes) when mounted on laced (wire spoked) wheels.

WARNING

Inner tubes must not be used in radial tires and radial tires must not be used on laced (wire spoked) wheels. Doing so could result in tire failure, which could result in death or serious injury.

- Tubeless tires are used on all Harley-Davidson cast and disc wheels.
- Tire sizes are molded on the tire sidewall. Inner tube sizes are printed on the tube.

WARNING

Dunlop® front and rear tires for Harley-Davidson motorcycles are not the same; they are not interchangeable. Use the front tire **ONLY** for a front tire. Do **NOT** put a rear tire on the front of a vehicle. Interchanging front and rear tires could result in death or serious injury.

 WARNING

Do **NOT** inflate tire beyond its maximum inflation pressure as specified on tire sidewall. Overfilled tires could blow out while vehicle is in operation which could result in death or serious injury.

Table 5. Tire Pressure Specifications

2000 VEHICLES DUNLOP TIRES ONLY	TIRE PRESSURE (Cold)			
	Front		Rear	
FLTRSEI	PSI	kPa	PSI	kPa
Solo Rider	36	248	36	248
Rider & One Passenger	36	248	40	275

BULB CHART (TABLE)

See Table 6. The bulb chart lists the light bulbs and LED assemblies used on the Screamin' Eagle® Road Glide® (FLTRSEI) model.

Table 6. Bulb Chart

LAMP DESCRIPTION (ALL LAMPS 12 VOLT)	NUMBER OF BULBS (REQUIRED)	CURRENT DRAW (AMPERAGE)	HARLEY-DAVIDSON PART NUMBER
Head Lamp			
High Beam / Low Beam	2	5.0 / 4.58	67697-81
Tail / Stop Lamp			
Tail / Stop Bulb	1	2.25 / 0.59	68168-89
Turn Signal Lamp			
Front / Running	2	2.25 / 0.59	68168-89
Rear / Running	2	2.25 / 2.25	68572-64B
Rear Fender Tip Bulb	1	0.33	68193-95
Auxiliary Rear Directional Bar			
Directional Bar LED Assembly*	N/A	N/A	N/A
Instrument Panel Lamps			
High Beam Indicator	1	0.15	68024-94
Oil Pressure Indicator	1	0.15	68024-94
Neutral Indicator	1	0.15	68024-94
Turn Signal Indicator	2	0.08	68024-94

* Illuminated with LEDs

* LEDs are **not** repairable. Assembly must be replaced if LED fails.

Table 6. Bulb Chart

LAMP DESCRIPTION (ALL LAMPS 12 VOLT)	NUMBER OF BULBS (REQUIRED)	CURRENT DRAW (AMPERAGE)	HARLEY-DAVIDSON PART NUMBER
Gauge Lamps			
Speedometer*	N/A	N/A	N/A
Tachometer*	N/A	N/A	N/A
Voltmeter	1	0.24	67445-00
Oil Pressure Indicator	1	0.24	67445-00
Air Temperature Gauge	1	0.24	67445-00
Fuel Gauge	1	0.24	67445-00
Tour-Pak			
Spoiler / Air Foil LED Assembly* Running / Brake Mode	1	0.045 / .029	69695-00
Interior Bulb	1	1.20	54304-98

* Illuminated with LEDs

* LEDs are **not** repairable. Assembly must be replaced if LED fails.

FUEL INFORMATION

- Use a good quality unleaded gasoline.
- Use at least 91 pump octane (95 RON).
- Octane rating is usually found on the pump.

WARNING

Remove fuel filler cap slowly and fill fuel tank slowly to prevent spillage; do not overfill or fill above the bottom of the filler neck insert. In addition, leave air space to allow for fuel expansion. Expansion can cause an over-filled tank to overflow gasoline through the filler cap onto surrounding areas. After refueling, be sure fuel filler cap is securely tightened. Failure to do so may cause an explosion or fire which could result in death or serious injury.

CAUTION

Do NOT spill gasohol onto the motorcycle when filling with fuel. Immediately wipe up gasohol spills on your Harley-Davidson. Gasohol may cause damage to painted surfaces.

Today's service station pumps are increasingly of the higher capacity variety. With the high flow of gasoline into a motorcycle tank, air entrapment and pressurization is a possibility. The pressurized air may force gasoline to escape through whatever opening is available within the filler tube; this may not only soil clothing, but may create a potential fire hazard.

WARNING

Use care when filling up the gas tank with fuel. Pressurized air may force gasoline to escape through whatever opening is available within the filler tube, and cause a leak which could result in a potential fire hazard and death or serious injury.

GASOLINE BLENDS

Your motorcycle was designed to get the best performance and efficiency using unleaded gasoline. Most gasoline sold in the United States is blended with alcohol and/or ether, to create “oxygenated” blends. The type and amount of alcohol or ether added to the fuel *is important*.

CAUTION

Do NOT use gasoline that contains methanol. Doing so may result in fuel system component failure, engine damage and/or equipment malfunction.

- Gasoline containing METHYL TERTIARY BUTYL ETHER (MTBE): Gasoline/MTBE blends are a mixture of gasoline and as much as 15% MTBE. Gasoline/ MTBE blends can be used in your motorcycle.
- ETHANOL is a mixture of 10% ethanol (Grain alcohol) and 90% unleaded gasoline. Gasoline/ethanol blends can be used in your motorcycle if the ethanol content does not exceed 10%.
- REFORMULATED OR OXYGENATED GASOLINES (RFG): “Reformulated gasoline” is a term used to describe gasoline blends that are specifically designed to burn cleaner than other types of gasoline, leaving fewer “tailpipe” emissions. They are also formulated to evaporate less when you are filling your tank. Reformu-

lated gasolines use additives to “oxygenate” the gas. Your motorcycle will run normally using this type of gas and Harley-Davidson recommends you use it when possible, as an aid to cleaner air in our environment.

You may find that some gasoline blends adversely affect the starting, drivability or fuel efficiency of your motorcycle. If you experience one or more of these problems, we recommend operate your motorcycle on straight unleaded gasoline.

NOTES

INSTRUMENTATION

NOTE:

Refer to the side-view photographs in the front of the manual to locate the items discussed in this manual.

See Figure 4. The instrumentation for the Screamin' Eagle® Road Glide® (FLTRSEI) motorcycle are located on the inner fairing on the front of the motorcycle.

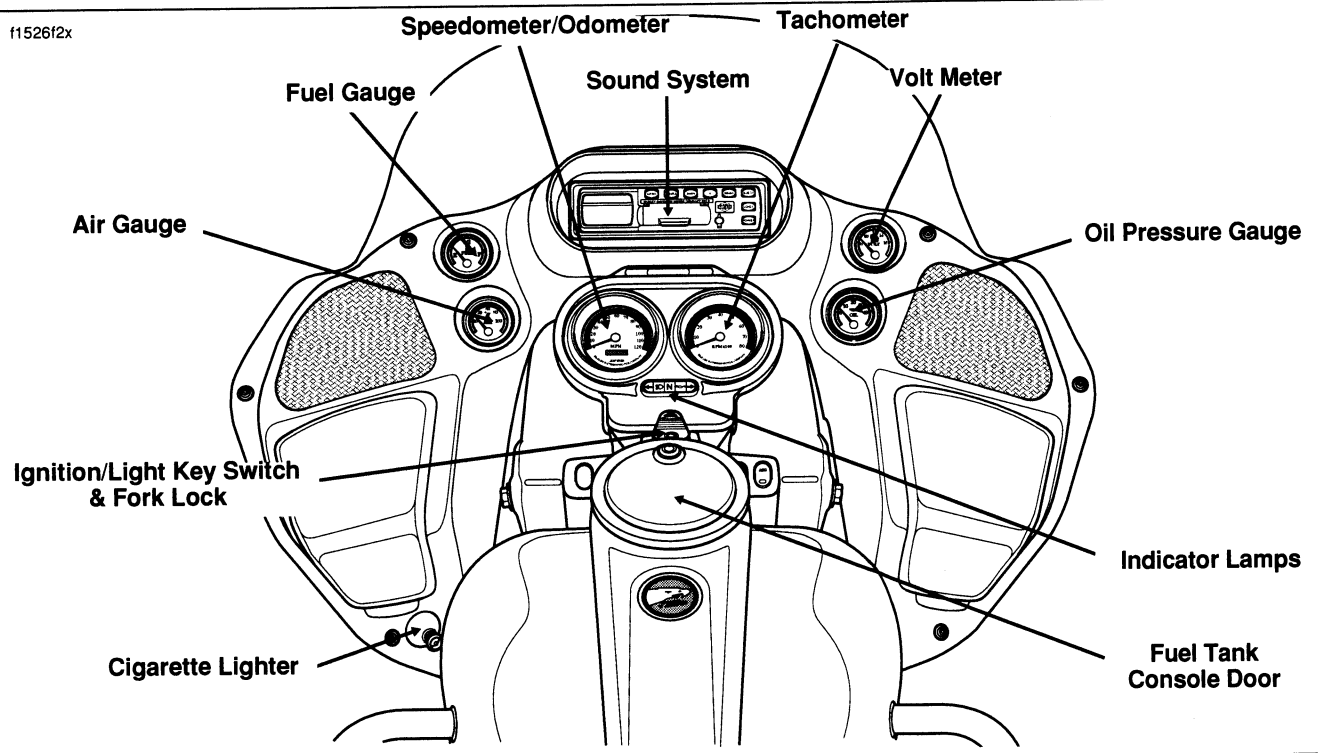


Figure 4. Instruments (Inner Fairing)

Instruments (Inner Fairing)

Speedometer Gauge - Registers forward speed in mph/km (miles per hour / kilometers per hour).

- **Check Engine Lamp** - Engine trouble light indicating fault conditions or trouble codes detected by the ignition module.

Odometer Gauge - Registers the number of miles the vehicle has traveled

Tachometer Gauge - Registers engine speed in rpm (revolutions/minute).

- **Cruise Control Lamp** - Cruise Control engaged when illuminated.
- **Low Fuel Level Lamp** - Low Fuel Level Warning Lamp.

Indicator Lamps - Five light emitting diode (LED's) lights are provided.

- The **green** TURN indicator LED's, when lit, will flash when turn signals or 4-way hazard flashers are activated.
- The **blue** BEAM indicator LED, when lit, signals high beam headlamp operation.
- The **green** NEUTRAL indicator LED signals the transmission is in neutral gear.

- The **red** OIL indicator LED, when lit, signals that oil is not circulating through the engine.

Ignition/Light Key Switch and Fork Lock - The ignition/light key switch controls electrical functions of the motorcycle and locks the motorcycle when parked.

Fuel Gauge - Fuel level gauge.

Air Gauge - Ambient air temperature gauge.

Volt Meter - Battery voltage meter indicating battery status.

Oil Pressure Gauge - Oil pressure status gauge.

Spkr (Speaker) Switch - Switches between headset and fairing speakers.

Cruise Control Switch - Engages or disengages cruise control ON/OFF to provide automatic vehicle speed control.

ACC (Accessory) Switch - An accessory switch for the owner's use. There is an accessory connector, located under the seat, that can be activated with the ACC switch.

Premium Sound System - Refer to the Harley-Davidson Premium Sound System Owner's Manual.

Cigarette Lighter - Located on the left side of the inner fairing. The ignition/light key switch must be in the ON or ACCESS position for lighter operation.

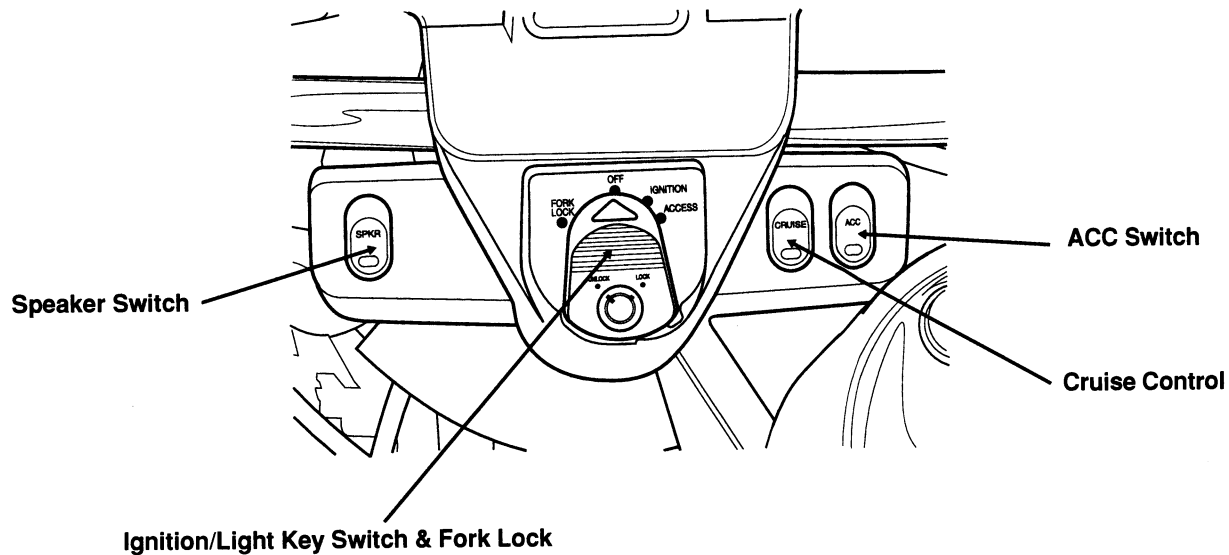


Figure 5. Instruments (Inner Fairing Cap))

Instruments (Inner Fairing Cap)

SPKR (Speaker) Switch - Switches between headset and fairing speakers.

CRUISE Switch - Engages or disengages cruise control ON/OFF to provide automatic vehicle speed control.

ACC (Accessories) Switch - The accessory switch is for the owner's use. The accessory connector is located under the seat and can be activated with the ACC switch.

IGNITION/LIGHT KEY SWITCH

WARNING

Do NOT modify the ignition/light switch wiring to circumvent the automatic-on headlight feature. High visibility is an important safety consideration for motorcycle riders. Ensure the headlight is on at all times. Failure to do so could result in death or serious injury.

NOTE:

Be sure to record all your key numbers in the space provided at the front of this book (page ii).

See Figure 6. The ignition/light key switch controls electrical functions of the motorcycle.

CAUTION

Protect your motorcycle against theft. After parking your motorcycle, lock the steering head and remove ignition key from Ignition/Light Switch. Failure to do so may result in theft and/or equipment damage.

WARNING

Any attempt to operate the fork lock mechanism while the motorcycle is in motion could result in loss of control of vehicle and death or serious injury.

CAUTION

Do NOT lubricate barrel locks with petroleum based lubricants or graphite. Inoperative locks may result.

CAUTION

Turn the Ignition/Light Switch to the OFF position and remove the key before locking the bike. Leaving the key in the ACCESS. position will keep the instrument lights on and result in a discharged battery.

1. To remove the key from the ignition, push the key in and turn counterclockwise (CCW).
2. Remove the key.

NOTES:

- **ACCESS** - Accessories and hazard warning flasher can be turned on. Instrument lights are on. Brake light and horn can be activated. Key may not be removed.
- The lights work when the switch is in the **IGNITION** position, as required by law in some localities.

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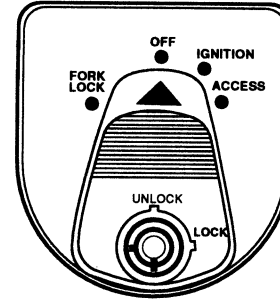


Figure 6. Ignition/Light Key Switch

Ignition/Light Switch Functions

See Figure 5. The Ignition/Light Switch is located center of the inner fairing cap. The Fork Lock mechanism is also incorporated into the design of the switch.

FORK LOCK (UNLOCK) -

- Insert the key in the Ignition/Light Switch.
- Pushing down on the key, turn it counterclockwise (CCW).
- Remove and **pocket** the key.

NOTE:

Harley-Davidson recommends removing key from ignition/fork lock before operating motorcycle. If you do not remove key, it may fall out during operation.

- Press the switch knob down and turn clockwise (CW) to the OFF position.

FORK LOCK (LOCK) -

- To lock the fork, move fork to the full left position. Push down on lever and turn it to the left, to the FORK LOCK position.
- Remove the key.

OFF - Turns engine, lights and accessories OFF.

IGNITION - Ignition, lights and accessories work when the switch is in the IGNITION position, as required by law in some localities.

ACCESS - Accessories and hazard warning flasher can be turned on. **Instrument lights are on.** Brake light and horn can be activated. Key may be removed.

FUEL FILLER CAP

Remove Filler Cap

See Figure 4. and Figure 7. The Screamin' Eagle® Road Glide® models have a fuel filler cap located beneath a console door which opens with a ratchet action.

To open, insert ignition key in the fuel tank console door lock. Turn key counterclockwise (CCW) and lift up to open and expose the fuel filler cap.

Turn the fuel filler cap clockwise (CW) and remove.

NOTE:

Fuel filler cap turns approximately a 3/4 turn before it starts unscrewing.

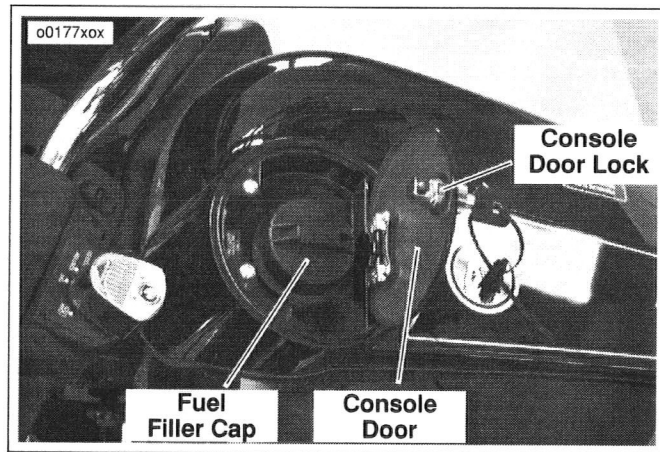


Figure 7. Fuel Filler Cap

NOTE:

See SAFETY FIRST section and review safety procedures listed below.

 WARNING

Gasoline is extremely flammable and explosive under certain conditions. Use care when handling gasoline. **DO NOT** store motorcycle having gasoline in tank within the home or garage where open flames, pilot lights, sparks or electric motors are present. Failure to do so may cause an explosion or fire which could result in death or serious injury.

 WARNING

Remove fuel filler cap slowly and fill fuel tank slowly to prevent spillage. **DO NOT** overfill or fill above the bottom of the filler neck insert. In addition, leave air space to allow for fuel expansion. Expansion can cause an over-filled tank to overflow gasoline through the filler cap onto surrounding areas. After refueling, be sure fuel filler cap is securely tightened. Failure to secure fuel filler cap may cause an explosion or fire which could result in death or serious injury.

CAUTION

Do **NOT** spill gasohol onto the motorcycle when filling with fuel. Immediately wipe up gasohol spills on your Harley-Davidson. Failure to do so may result in equipment damage.

CAUTION

Use **ONLY** unleaded fuel in California and HDI model catalytic converter-equipped motorcycles. Using leaded fuel may result in damage to the emission control system.

Replace Filler Cap

To close, turn fuel filler cap clockwise (CW) until it clicks. The ratchet action of the fuel cap prevents overtightening.

Close the fuel tank console door, and turn the ignition counterclockwise (CCW) to lock and remove the ignition key.

ELECTRIC STARTER SWITCH

NOTE:

Switch must be in RUN position to operate engine.

See Figure 9. The electric start switch is located on the right handlebar control group. See OPERATION, Starting the Engine section for detailed operation procedures.

1. Put the engine stop/run switch in the RUN position and the transmission in neutral.
2. starter motor.

ENGINE STOP SWITCH

See Figure 9. The engine stop/run switch is located on the right handlebar control.

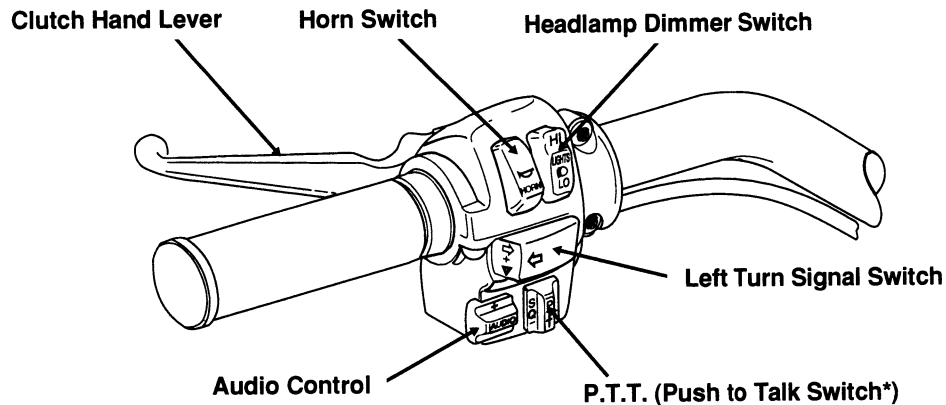
The engine stop/run switch turns the ignition ON or OFF. The switch should be used at **all** times to stop the engine, especially in an emergency.

1. To stop engine, push the stop/run switch to position marked OFF.
2. See Figure 6. Turn the key to the OFF position.

THROTTLE CONTROL GRIP

See Figure 9. The throttle control grip is located on the right handlebar control grip.

1. Turn control grip clockwise (CW) to close the throttle.
2. Turn control grip counterclockwise (CCW) to open the throttle.



*** Not Used**

Figure 8. Left Handlebar Controls

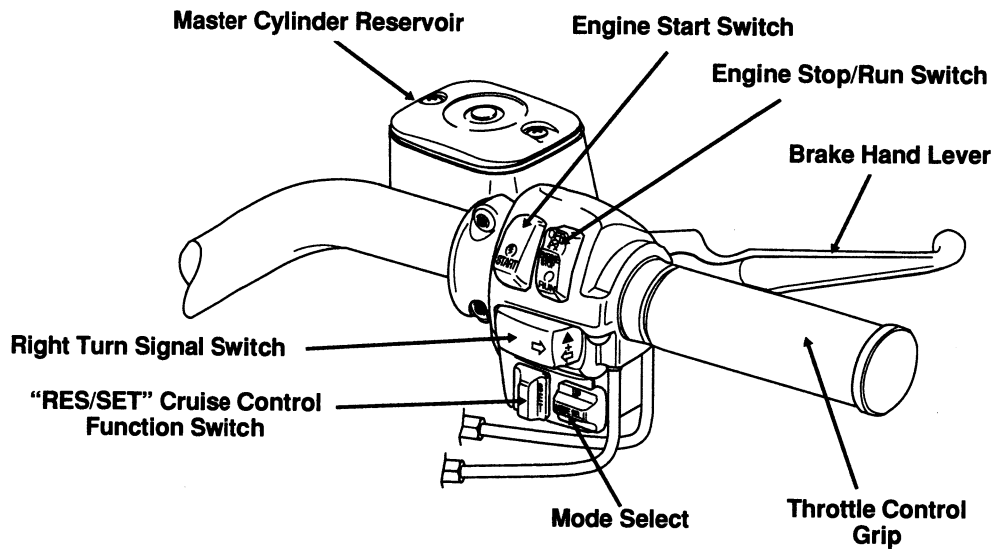


Figure 9. Right Handlebar Controls

CLUTCH HAND LEVER

WARNING

Be sure fingers are NOT positioned between hand control levers and handlebar grips or operation of these controls could be impaired. This may cause loss of control of the motorcycle which could result in death or serious injury.

See Figure 8. The clutch hand lever is located on the left handlebar where it is operated with the fingers of the left hand.

1. Pull clutch hand lever in against handlebar grip to fully disengage clutch.
2. Release the foot shifter lever slowly (while applying minimal pressure) to its outward position to engage clutch.

GEAR SHIFTER

See Figure 10. The gear shifter is located on the left side, where it is operated with the toe of the left foot.

NOTE:

Some motorcycles have a "heel-toe" shifter lever. With this shift lever, upshifts can be made with the heel of the left foot. Downshifts can be made with the toe.

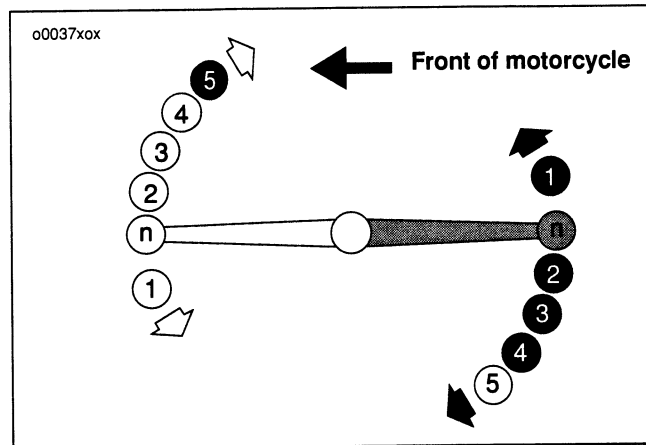


Figure 10. Heel-Toe Shift Lever

- See Figure 11. Pushing foot shift lever all the way down (full stroke) shifts the transmission to the next lower gear.
- Lifting the foot shift lever all the way up (full stroke) shifts the transmission into the next higher gear.

NOTE:

Release the foot shift lever after each gear change.

This allows the lever to return to its central position before another gear change can be made.

- The neutral position is between first (low), and second gear.
- First gear is the last gear position that can be found by pushing the foot shift lever full strokes downward.

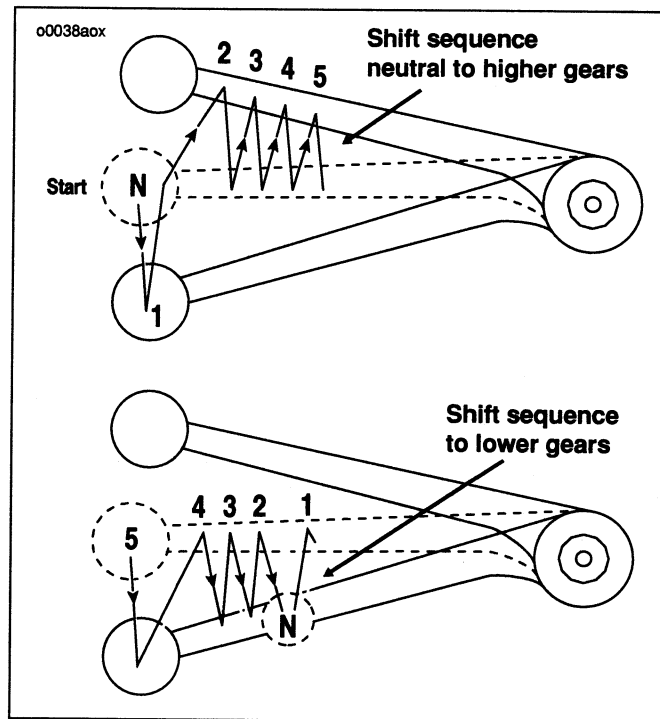


Figure 11. Foot Shifter Lever

NOTE:

By lifting the gear shifter lever up, a higher gear is engaged; by pushing the gear shifter lever down, a lower gear is engaged. When stopping, operate gear shift until you reach neutral. Neutral is 1/2 stroke up from first gear.

Occasionally, it is necessary to roll the motorcycle to fully engage the gears.

To roll the motorcycle backward or forward:

1. Stand the motorcycle still and shut the engine off.
2. Disengage the clutch while maintaining a slight pressure on the foot shift lever to shift from one gear to another.

Even with the engine running and the motorcycle standing still, difficulty may be experienced in shifting gears. This difficulty arises when transmission gears are not turning and shifting parts; as a result, they are not lined up to permit engagement.

CAUTION

When difficulty of shifting gears is experienced, Do NOT under any circumstances, attempt to force the shift. The results of such abuse will be a damaged or broken shifter mechanism.

1. If you cannot shift gears do the following:
2. Either roll the motorcycle as indicated above -

OR

3. If the engine is running, **lightly** engage the clutch while applying minimal pressure to the shifter lever to make the shift.

See OPERATION section. Both of these procedures set transmission gears in motion to enable ease of shifting.

BRAKES

Brake Pedal

The brake pedal controls the rear wheel brake and is located on the motorcycle's right side. It is operated by the right foot.

Brake Hand Lever

See Figure 9. The brake hand lever controls the front wheel brake and is located on the right handlebar. It is operated by the fingers of the right hand.

NOTE:

Brakes should be applied uniformly and evenly to prevent wheels from locking up. A balance between rear and front braking is generally best.

 WARNING

Do not apply either brake strongly enough to lock the wheel. This may cause loss of control of the motorcycle, which could result in death or serious injury.

HORN SWITCH

See Figure 8. The horn is operated by pushing on the horn switch located on the left handlebar control group.

HEADLAMP DIMMER SWITCH

See Figure 8. The headlamp dimmer switch is located on the left handlebar and controls the headlamp's high and low beams.

NOTE:

The beam (blue) indicator light remains lit when high beam is on.

TURN SIGNAL SWITCHES

See Figure 9. The right turn signal switch operates the right front and right rear flashing lamps.

See Figure 8. The left turn signal switch operates the left front and left rear flashing lamps.

NOTE:

Front turn signal lamps also function as running lamps.

Turn Signal Switch Operation

The turn signal switches are controlled by a small microprocessor which gets its operational information from the speedometer and turn signal switches.

1. Momentarily depress the desired turn signal switch.

The turn signal lamps will begin and continue flashing until a movement signal is received from the speedometer. As long as the motorcycle is stationary, the signal will flash.

NOTES:

- If you want the turn signals on longer, hold the switch in. The turn signals will begin flashing immediately, but the microprocessor will not begin computing distance until you release the switch.
- If you are signaling to turn in one direction and you depress the switch for the opposite turn signal, the first signal is canceled and the opposite side begins flashing.
- If you want to stop the lamps from flashing, briefly depress the turn signal switch a second time. The turn signal lamps will stop flashing.

HAZARD WARNING 4-WAY FLASHER (TURN SIGNAL SWITCHES)

NOTES

The hazard warning 4-way flasher operates **all** four turn signal lamps at the same time. It is controlled by the turn signal switch microprocessor. The hazard warning flasher will operate when the ignition switch is in the ignition, lights or access position.

1. See Figure 8. and Figure 9. Turn **ON** the hazard warning 4-way flasher by momentarily (1-1/2 seconds) depressing **BOTH** turn signal switches at once.
2. Turn **OFF** the 4-way flasher by momentarily (1-1/2 seconds) depressing **BOTH** turn signal switches at once.

INDICATOR LIGHTS

See Figure 12. Five indicator lights are provided.

- The **green** TURN indicators will flash when turn signals are activated; therefore, flashing indicates the chosen turn direction. When the 4-way hazard flashers are operating, both turn indicators will flash simultaneously.
- The **blue** BEAM indicator light, when lit, signals high beam headlamp operation.
- The **green** NEUTRAL indicator light, when lit, signals the transmission is in neutral gear.
- The **red** OIL indicator light, when lit, signals that oil is not circulating through the engine.

NOTE:

The OIL indicator light will glow when the ignition is turned on prior to starting engine. With engine running, light should be off when engine speed is above idle.

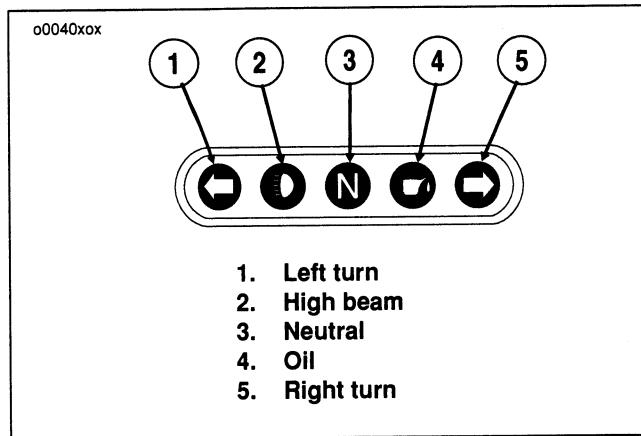


Figure 12. Indicator Lights

Several other circumstances that could cause the **red** Oil indicator light to signal, include the following:

- If the oil pressure indicator light does not go off at speeds above idling, it is usually because of an empty oil tank or diluted oil.
- In freezing weather the oil feed may clog with ice and sludge, preventing oil circulation.
- A grounded oil signal switch wire.
- A faulty signal switch.
- A damaged or improperly installed check valve.
- Trouble with the pump.

CAUTION

If the oil pressure indicator light fails to go off, always check the oil supply first. If oil supply is normal and the light still does not operate normally, stop the engine at once and do not ride further until the trouble is located and the necessary repairs are made. Failure to do so may result in engine damage.

MIRRORS (CONVEX)

Your vehicle is equipped with convex mirrors and are referred to as Billet Style Mirrors. A convex mirror has a curved surface which is designed to give a much wider view to the rear than a flat mirror. However, cars and other objects seen in this type of mirror will look smaller and farther away than when seen in a flat mirror. Use care when judging the size or distance of objects seen in these mirrors.

WARNING

Objects in mirrors are closer than they appear. Always use caution when judging distance of objects in mirrors. Failure to do so could result in death or serious injury.

Adjust the mirrors to clearly reflect the area behind the motorcycle.

NOTE:

Adjust mirrors so you can see a small portion of your shoulders in each mirror. This will help you establish the relative distance of vehicles to the rear of your motorcycle.

ELECTRONIC SPEEDOMETER

See Figure 13. The electronic speedometer registers miles per hour of forward speed. The speedometer has a single display window for both the odometer (registers the number of miles the vehicle has traveled) and trip-odometer (registers number of miles on a trip, miles between refueling, or miles between settings).

1. Press the speedometer control (rubber covered) button (located behind the tachometer), to change the display window on the speedometer face to either odometer or trip-odometer.
2. To reset the trip-odometer to zero, press button to reset speedometer display to the ODOMETER mode and hold the button in for approximately 2 to 3 seconds.

The speedometer will switch to the trip-odometer mode and reset the display to zero.

WARNING

Avoid excessive speed and never travel at a speed faster than the posted speed limit. Speeding could cause loss of control of vehicle which could result in death or serious injury.

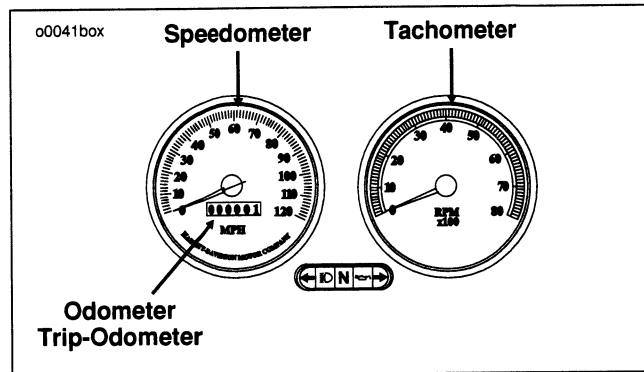


Figure 13. Speedometer/Tachometer

CAUTION

Never attempt to tamper with or alter the vehicle odometer; this is illegal. Doing so may cause equipment damage.

TACHOMETER

See Figure 13. The tachometer registers the engine speed in revolutions per minute (RPM).

NOTE:

CAUTION

See OPERATION, Operating Recommendations section. Do NOT operate the engine above maximum safe RPM as shown under OPERATION (red zone on tachometer). Lower the RPM by upshifting to a higher gear or reducing the amount of throttle. Failure to do so may cause equipment damage.

TRIP-ODOMETER

See Figure 13. Use the trip-odometer to register number of miles traveled on a trip, miles between refueling, or miles between settings.

STATUS INDICATOR LIGHTS

Engine Lamp

See Figure 14. A engine LED located near the center of the speedometer indicating fault conditions or trouble codes detected by the ignition module. The engine lamp's purpose is to indicate whether or not the engine/engine management system is operating normally. The engine lamp color is RED.

The engine lamp normally comes on when the bike's ignition is first turned on and remains on for approximately 4 seconds, as the engine management system runs a series of self-diagnostics.

If the engine lamp comes on at any other time, see your Harley-Davidson dealer.

A blinking or continuously lit engine lamp indicates that an "event" has occurred relating to the engine management system. See your Harley-Davidson® dealer.

Cruise Control Lamp

A **red** light on the cruise control switch, indicating cruise control ON or OFF.

See Figure 14. A **green** LED on the tachometer, indicating cruise control set or not set.

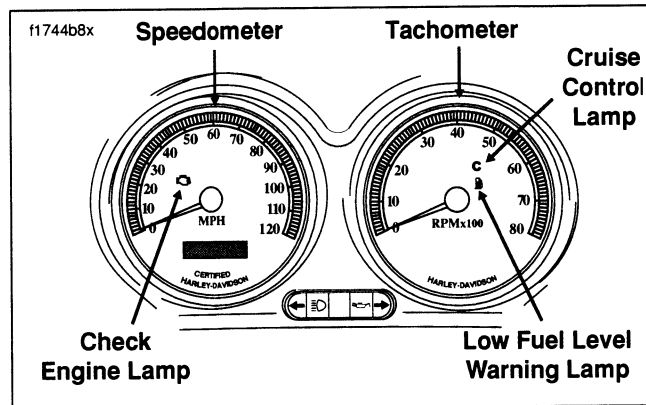


Figure 14. Warning Lamps

Low Fuel Level Warning Lamp

See Figure 14. The low fuel LED is located in the tachometer and lights up to indicate that you have approximately 1 / 2 gallon of gasoline left in the tank. The low fuel lamp color is AMBER.

FUEL GAUGE

See Figure 4. The fuel gauge indicates the approximate amount of fuel in the fuel tank(s) and is located to left of the speedometer or on the left front panel of the fairing.

AIR GAUGE

See Figure 4. The air temperature gauge indicates the ambient air temperature in °F. This gauge is found on the front panel of the fairing.

VOLT METER

See Figure 4. The voltmeter indicates electrical system voltage and is found on the front panel of the fairing. With the engine running above 1500 RPM, the voltmeter should register 13 - 14.5 volts with battery at full charge.

OIL PRESSURE GAUGE

See Figure 4. The oil pressure gauge indicates engine oil pressure and is found on the front panel of the fairing. Engine oil pressure will normally vary from 5 PSI at idle speed to 30 - 38 PSI (207-262 kN/m²) at 2000 rpm when engine is at normal operating temperature of 230°F (110°C).

CRUISE CONTROL

Theory of Operation

The Harley-Davidson Cruise Control provides automatic vehicle speed control designed to be safely operated with accessibility by the rider. The electronics and stepper motor are contained in a control module mounted under the left side cover.

NOTES:

- The rider always over-rides and controls the system.
- The cruise control system will not work at vehicle speeds below 30 mph (48 km/h).
- The system is controlled by a control module that “reads” the speedometer output speed signal to establish the desired vehicle speed.
- The tachometer RPM is monitored, within the control module, to disengage the cruise control should engine overspeed suddenly occur
- Besides the control module, the system has other components:
 - A stepper-motor (controlled by the computer), which operates the throttle during CRUISE operation.
 - A clutch which disengages the stepper-motor during non-cruise operation and several internal switches, all sending information to the control module.
- The system will allow rider to increase speed 10 mph (16 km/h) or more (depending on how hard the rider rolls on the throttle and the condition of the bike) over the “SET” point before de-activating. This feature allows the rider to momentarily increase speed, if necessary. Rolling on the throttle to greatly increase speed may de-activate the system.

Controls

There are two rider-operated control switches:

1. See Figure 5. A CRUISE switch located in the inner fairing, engages or disengages cruise control ON/OFF to provide automatic vehicle speed control.

NOTE:

The red light on the CRUISE switch will come on to indicate the system is ON. If the red light does NOT come on, the system is NOT ON and you cannot "SET" cruise speed - see your authorized Harley-Davidson Dealer.

2. See Figure 9. and Figure 15. A "RES/SET" switch located in the right handlebar control group which controls several system functions, including:
 - SET
 - RESUME
 - ACCELERATE
 - DECELERATE.

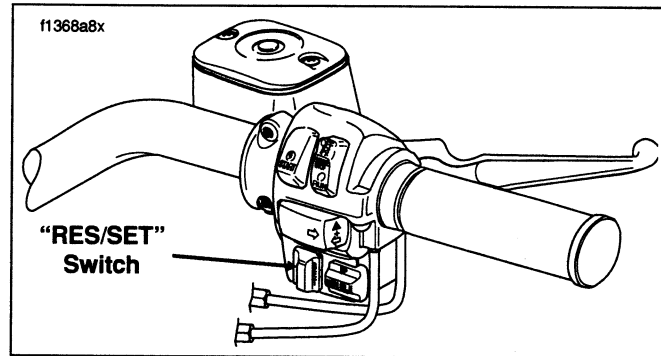


Figure 15. Right Handlebar Switch Assembly

WARNING

Cruise Control is **NOT** intended for use:

- In heavy traffic.
- On roads with sharp or blind curves.
- On slippery roads of any kind.

Using the cruise control in these circumstances may cause loss of vehicle control which could result in death or serious injury.

Turning On Cruise Control

See Figure 4. Turn the fairing mounted CRUISE switch to the ON position. The RED lamp on the CRUISE switch will light when activated.

Activation

1. Increase motorcycle speed to the desired cruise speed.
2. See Figure 9. and Figure 15. Momentarily press the "RES/SET" switch to the **right** to set the speed. The system will quickly (approximately 1-1/2 seconds or less) begin to maintain the desired motorcycle speed.

See Figure 16. The GREEN lamp on the tachometer panel, will light to indicate the cruise speed has been set.

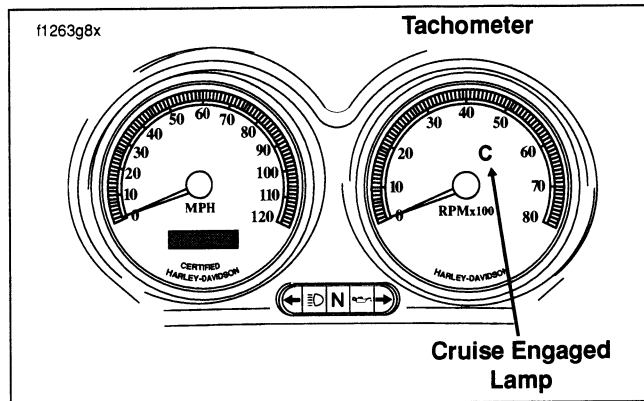


Figure 16. Cruise Engaged Indicator

Resuming Cruise Control

See CRUISE CONTROL, De-Activating Cruise Control section. If the system has been deactivated you can resume the previously set speed by pressing the "RES/SET" switch to the left.

NOTE:

The computer will hold the SET speed in its memory for the RESUME function until the system is turned to the left. If vehicle speed drops more than 15 mph (72 km/h) below SET speed, speed can no longer be RESUMED.

Acceleration

1. See Figure 9. and Figure 15. The system has an "accelerate" function. If you are at your SET speed, press the switch to the **left** and release to increase speed in 1 mph (1.6 km/h) increments.
2. Press and hold switch up to increase speed continuously at approximately 1 mph (1.6 km/h) increments. System takes approximately 2 seconds to react.

Deceleration

1. See Figure 9. and Figure 15. The system has a "decelerate" function. If you are at your SET speed, press the switch to the **right** and release to reduce speed in 1 mph (1.6 km/h) increments.

2. Press and hold switch down to decrease speed continuously at approximately 1 mph (1.6 km/h) increments. System takes approximately 2 seconds to react.

NOTE:

The cruise control will not accelerate more than 10 mph (16 km/h) above the set speed. The cruise control will decelerate until the set switch is released or is de-activated when speed goes below 30 mph (48 km/h).

De-Activating Cruise Control

There are several ways to de-activate the system without turning it **OFF**:

- Roll the throttle OFF - TO THE STOP.

OR

- Pull in the clutch lever (disengage the clutch).

OR

- Engage either or both brake(s).

NOTE:

The above actions temporarily de-activate (disengage) the cruise control. The cruise control will still be ON and ready to operate if you RESUME or SET it again.

The pre-set speed will remain in memory, ready for RESUME function.

See Figure 16. The GREEN lamp on the tachometer panel, indicating CRUISE SET, will turn off.

The RED cruise control lamp will remain lit, indicating CRUISE ON.

Turning Off Cruise Control

Turn the fairing mounted CRUISE switch **OFF** or turn **OFF** vehicle ignition. These actions turn the system **OFF** until you turn it **ON** again. Turning the system/ignition **OFF** also erases the previously set cruise speed from memory so you can program a new cruise speed when you next turn the system **ON**. Both the green and red cruise control indicator lamps will be off.

NOTE:

*Cruise Control will **NOT** work if:*

- **An uphill grade is so long and/or steep; the throttle cables are pulled their full length when the system tries to maintain vehicle speed. This feature prevents stretching the cables.**
- **Rider operates bike at vehicle speeds below 30 mph (48 km/h).**
- **Throttle cables are too tight. (See your authorized Harley-Davidson Dealer.)**
- **Brake lights are on constantly. (See your authorized Harley-Davidson Dealer.)**

SOUND SYSTEM

NOTES

See Figure 4. For a more detailed explanation of the sound system controls, read the Harley-Davidson Premium Sound System Handbook (Part No. 99464-00).

CLOCK

See Figure 4. The clock runs continuously as long as there is battery power. See the Harley-Davidson Premium Sound System Handbook (Part No. 99464-00) to reset clock.

ACCESSORY SWITCH

See Figure 4. All touring models, have an accessory switch for the owner's use. There is an accessory connector, located under the seat, that can be activated with the ACC switch. This switch is located on the right side of the fairing or triple clamp shroud. See your Harley-Davidson Dealer for possible uses.

JIFFY STAND

See Figure 17. The jiffy stand is located on the left side of the motorcycle and swings outward to support the motorcycle for parking.

WARNING

Always park the motorcycle on a level, firm surface. An unbalanced motorcycle could fall over, which could result in death or serious injury.

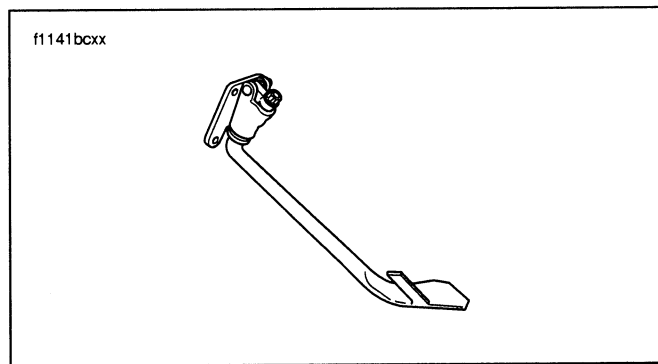


Figure 17. Jiffy Stand

WARNING

Your vehicle is equipped with a jiffy stand that locks when placed in the full forward (down) position and the vehicle weight is rested on it. Without vehicle weight resting on the jiffy stand, any movement of the vehicle could cause the jiffy stand to retract slightly from the full forward position. If the jiffy stand is not in the full forward (lock) position when vehicle weight is rested on it, the vehicle may fall over which could result in death or serious injury.

WARNING

Be sure jiffy stand is fully retracted before riding the motorcycle. If jiffy stand is not fully retracted during vehicle operation, it could contact the road surface causing a momentary disturbance before retracting. This momentary disturbance could distract the rider, which could result in loss of vehicle control, and death or serious injury.

BREAK-IN - THE FIRST 500 MILES (800 KM)

The sound design, quality materials, and workmanship that is built into your new Harley-Davidson will give you optimum performance right from the start.

We ask that for the first 500 miles (800 km) and to wear-in critical parts, please observe the simple riding rules below. This will assure future performance and durability.

1. During the first 50 miles (80 km), keep the engine speed below 2500 RPM in any gear; however, do not lug the engine.
2. Up to 500 miles (800 km), vary the engine speed and avoid any steady speed for long distances. Engine speed up to 3000 RPM is permissible in any gear.
3. Avoid fast starts at wide open throttle; drive slowly until engine warms up.
4. Avoid running the engine at extremely low RPM in higher gears.
 - Do NOT exceed 50 mph (80 km/h) for the first 50 miles (80 km).
 - Do NOT exceed 55 mph (89 km/h) for the first 50 - 500 miles (80-800 km).

OPERATING RECOMMENDATIONS

CAUTION

Do NOT run the engine at extremely high RPM with clutch disengaged or transmission in neutral. Doing so may result in engine damage.

CAUTION

Do NOT exceed the maximum safe RPM specified below under any conditions. To do so may result in equipment damage.

IMPORTANT NOTE:

The maximum recommended Screamin' Eagle® Road Glide® (FLTRSEI) engine speed is 5000 RPM.

CAUTION

All Harley-Davidson engines are air-cooled and consequently require air movement over the cylinders and heads to maintain proper operating temperature. Extended periods of idling or parade duty may overheat the engine, resulting in serious engine damage.

NOTE:

The ignition module has an ignition retard feature which will automatically begin to retard the spark advance if the engine exceeds 5000 RPM.

CAUTION

An engine running long distances at high speed must be given closer than ordinary attention to avoid overheating and possible engine damage.

NOTE:

Have the engine checked regularly and keep it well tuned.

This applies particularly to a motorcycle equipped with wind-shield, fairing and lowers.

 WARNING

When riding on wet roads or under rainy conditions, keep in mind that braking efficiency is greatly reduced. Caution must be used when applying the brakes, accelerating and turning. This is especially true immediately after the rain begins and oil from the road surface combines with the water. Failure to observe these precautions could result in death or serious injury.

NOTE:

When descending upon a long, steep grade, downshift and use engine compression together with intermittent application of both brakes to slow the motorcycle.

 WARNING

Avoid continuous use of the brakes which may overheat them and cause reduced braking efficiency, which could result in death or serious injury.

CAUTION

Do NOT coast for long distances with the engine off; the transmission is properly lubricated only when the engine is running. Doing so may result in equipment damage.

 WARNING

Do NOT tow a disabled motorcycle with another vehicle. The steering and handling of the disabled motorcycle will be impaired due to the force of the tow line. If a disabled motorcycle must be transported, use a truck or trailer. Towing a disabled motorcycle with another vehicle could cause loss of control of vehicle, which could result in death or serious injury.

PRE-RIDING CHECKLIST

WARNING

Read CONTROLS AND INDICATORS sections before riding your motorcycle. Failure to do so could result in death or serious injury.

Before riding your motorcycle at any time, make a general inspection to be sure it is in safe riding condition.

1. Check amount of fuel in tank and add fuel if required.

WARNING

Remove fuel filler cap slowly and fill fuel tank slowly to prevent spillage; do NOT overfill or fill above the bottom of the filler neck insert. In addition, leave air space to allow for fuel expansion. Expansion can cause an over-filled tank to overflow gasoline through the filler cap onto surrounding areas. After refueling, be sure fuel filler cap is securely tightened. Failure to do so may cause an explosion or fire which could result in death or serious injury.

WARNING

Gasoline is extremely flammable and highly explosive under certain conditions. Use care when handling gasoline. Do NOT store motorcycle having gasoline in tank within the home or garage where open flames, pilot lights, sparks or electric motors are present. Doing so may cause an explosion or fire which could result in death or serious injury.

2. Adjust mirrors to proper riding positions.
3. See MAINTENANCE AND LUBRICATION, Checking Oil Level section. Check oil tank oil level.
4. Check controls to be sure they are operating properly; operate the front and rear brakes, throttle, clutch and shifter.
5. Check steering for smoothness by turning the handlebars through the full operating range.
6. See SPECIFICATIONS, Tire Data section.

 WARNING

Maintain proper tire pressure; including wheel and tire balance. Inspect your tires periodically and replace tires with approved tires only. (See your Harley-Davidson Dealer.) Failure to do so may lead to improper balance, abnormal tread wear and/or poor handling which could result in death or serious injury.

7. Check tire condition and pressure. Incorrect pressure will result in poor riding characteristics and can affect handling and stability. Adhere to tire specifications for correct inflation pressures to use.
8. Check all electrical equipment and switches including the stop lamp, turn signals and horn, for proper operation.
9. Check for any fuel, oil or hydraulic fluid leaks.
10. Check rear belt adjustment.
11. Service your motorcycle as necessary.

NOTES:

AIR SUSPENSION ADJUSTMENTS

The Screamin' Eagle® Road Glide® models feature air-adjustable suspension. Air pressure may be varied to suit personal comfort. Lower pressures give a softer ride while higher pressures give a firmer ride.

See Table 7. The Recommended Pressure Table lists the recommended air suspension pressure settings, or refer to the decal inside the right saddlebag.

- Lower pressure gives a softer ride.
- Higher pressure gives a firmer ride.
- Setting the pressure outside the recommended range for your loading will result in a reduction of available suspension travel and reduced ride comfort.
- Pressures should be adjusted with the vehicle resting on the jiffy stand.

CAUTION

Use a no-loss air gauge to check air pressure. A small hand pump is the best way to add air to suspension components. Failure to do so may result in damage to components.

WARNING

Front suspension pressures over 25 PSI are not recommended. Doing so may cause damage to air control components, which could result in loss of control of the motorcycle, death or serious injury.

WARNING

Exercise caution when bleeding air from the air valves. Moisture combined with lubricant (either from shock assembly or a drip oiler in the air compressor lines) may be ejected onto the rear wheel, tire and/or brake components. Failure to exercise caution may adversely affect traction and could result in death or serious injury

CAUTION

Do NOT exceed Maximum air pressure of 35 PSI for rear suspension. Air components fill rapidly; therefore, use low air line pressure. Failure to do so may result in possible damage to components.

CAUTION

Pressure in front forks and air shocks should be checked weekly if in daily use OR before each trip if used occasionally. Failure to do so may result in component damage.

See Figure 18. The front and rear suspension air pressure is adjusted by adding or removing air from the air valves. The air valves are located at the right side of the motorcycle below the frame cover which is above right saddlebag.

Front Air Suspension

Adjust the front fork air suspension pressure by adding or removing air from the air valve located just below the frame cover on the right side of the vehicle.

Rear Air Suspension

Adjust the rear air suspension pressure by adding or removing air from the air valve located just below the frame cover on the right side of the vehicle.

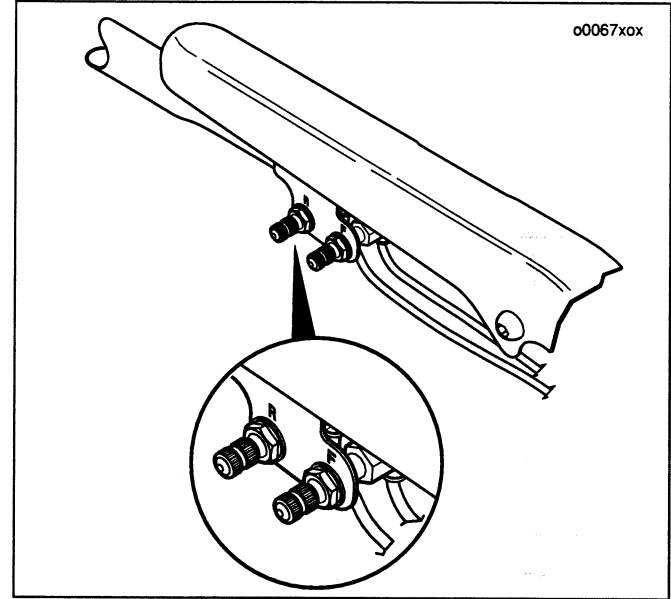


Figure 18. Adjustment Valves

NOTE:

Using pressures outside the recommended loading range will result in a reduction of available suspension travel and reduced rider discomfort.

Table 7. Air Suspension Adjustments

RECOMMENDED PRESSURES				
Load	Shocks		Forks	
	PSI	kPa	PSI	kPa
Rider Weight - up to 150 lbs. add:	0	0	0	0
Rider Weight - for each extra 25 lbs. add:	1.0	7.0	1.0	7.0
Passenger Weight - for each 50 lbs. add:	1.5	10.32	-	-
Luggage Weight - for each 10 lbs. add:	3.0	21	1.0	7.0
Maximum Pressures	35	241	25	172

Cleaning And Inspection**NOTE:**

Air shocks are not repairable. Replace the shocks if damaged or worn.

1. Examine the rubber mounting bushings for cracks or wear. Examine the shock for leaks. The unit should not leak and should compress slightly easier than it extends. Replace the shock if necessary.
2. Clean and examine the shock mounting hardware. Replace parts that are worn or damaged.

STARTING THE ENGINE

WARNING

Before starting engine, always shift transmission to neutral to prevent accidental movement which could result in death or serious injury.

CAUTION

Never accelerate the engine above 2500 RPM immediately after a cold start. The engine should be allowed to run slowly for 15-30 seconds. This will allow the engine to warm up and let oil reach all surfaces needing lubrication. Doing so may result in equipment damage.

NOTE:

Engine stop switch on the right handlebar control group must be in RUN (ignition ON) position to start engine.

1. See MAINTENANCE AND LUBRICATION, Recommended Engine Oils table. Use recommended oil for extended or expected temperatures.

If you read this section and still have questions about the correct operation of your motorcycle, talk to your authorized Harley-Davidson Dealer.

SEQUENTIAL PORT FUEL INJECTION

There are some differences between a carbureted Harley-Davidson and a fuel injected Harley-Davidson motorcycle. Sequential Port Fuel Injection simplifies the starting procedure, compared to carbureted Harley-Davidsons.

There is **no** “fuel supply valve”, “choke”, or “enrichener” on a fuel injected Harley-Davidson. The engine management system handles starting and running the engine at **all** temperatures and conditions.

Do **not** “roll” the throttle before starting. Rolling the throttle before starting the motorcycle is unnecessary.

If the sound system is not on, you may occasionally hear a slight fuel pump purr, as the fuel pump operates to maintain the proper pressure in the fuel lines.

Starting

1. Turn Ignition/Light Key switch ON. Do **not** “roll” the throttle.

NOTE:

See Figure 19. The engine lamp will light for approximately 4 seconds and you will hear the fuel pump purr for approximately 2 seconds as it operates to fill the fuel lines with gasoline.

2. Press the starter button to start the motorcycle.
3. When the engine has started, you can operate your motorcycle as you normally would.

NOTE:

If the fuel tank becomes completely dry, it may take a few seconds longer to start the motorcycle after filling the tank. It will not be necessary to take any extraordinary measures before starting the motorcycle.

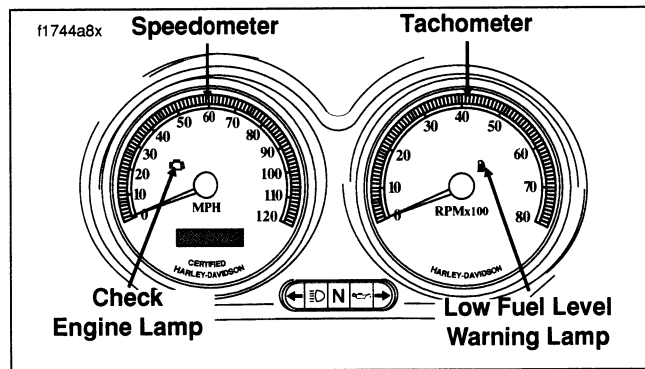


Figure 19. Check Engine Lamp

SHIFTING GEARS

CAUTION

The clutch must be fully disengaged before attempting a gear shift. Failure to do so may result in equipment damage.

NOTE:

See Figure 21. Always start motorcycle engine in neutral. Always start motorcycle from first gear when the engine is running.

1. Sit upright on the motorcycle and keep the engine idling.
2. See Figure 20. Pull the clutch hand lever in against handlebar grip to fully disengage clutch.
3. See Figure 21. Push the foot shifter lever down firmly, but gently, to end of its travel and engage first gear.

To start moving with motorcycle upright and engine idling:

1. See Figure 20. Release the clutch hand lever slowly to engage the clutch and at the same time, open throttle gradually.

Engage second gear after the motorcycle has run a few yards, as follows:

1. Close the throttle.
 2. Disengage the clutch.
 3. Lift the gear shifter pedal up to the end of its travel and release.
 4. Engage the clutch and operate the throttle gradually.
- Repeat the same operation to engage third, fourth, and fifth gears.
 - To shift to lower gears, reverse the movement of the gear shifter lever.
 - Disengage the clutch completely before each gear change.
 - Partially close the throttle so the engine will not drag when clutch is again engaged.

NOTE:

See Figure 21. By lifting the gear shifter lever up, a higher gear is engaged; by pushing the gear shifter lever down, a lower gear is engaged. When stopping, operate gear shift until you reach neutral. Neutral is 1/2 stroke up from first gear.

5. See Figure 21. Gear shift pattern is first gear down; next four gears up.

⚠ WARNING

When shifting to lower gears with the motorcycle in motion, Do NOT downshift at speeds higher than those listed in the table. Shifting to lower gears when speed is too high may severely damage the transmission or cause the rear wheel to lose traction. This could also cause a loss of vehicle control which could result in death or serious injury.

CAUTION

Shift to neutral before stopping engine. Shifting mechanism can be damaged by shifting gears while engine is stopped.

NOTE:

Always start motorcycle engine in neutral. Always start motorcycle from first gear when the engine is running.

When engine speed decreases, as in climbing a hill or running at a reduced speed, shift to the next lower gear while partially closing the throttle so the engine accelerates as soon as the clutch lever is pulled.

6. See Table 8. The recommended shift points are as follows:

NOTE:

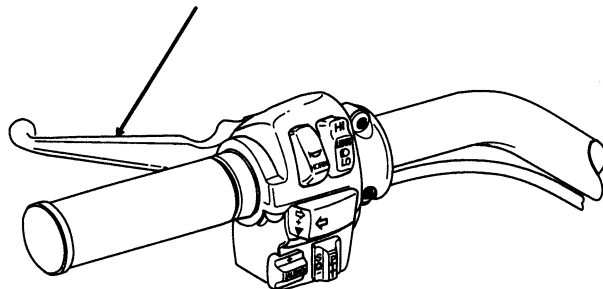
The gear shifter mechanism on 5-speed motorcycles does not permit shifting the transmission to neutral from second gear. Neutral can only be engaged from first gear.

Table 8. Changing Gear Speeds

GEAR CHANGE	SPEED
Acceleration (Upshift)	
First to Second	15 mph (25 km/h)
Second to Third	25 mph (40 km/h)
Third to Fourth	35 mph (55 km/h)
Fourth to Fifth	45 mph (70 km/h)
Deceleration (Downshift)	
Fifth to Fourth	40 mph (65 km/h)
Fourth to Third	30 mph (50 km/h)
Third to Second	20 mph (30 km/h)
Second to First	10 mph (15 km/h)

f1367a8x

Clutch Hand Lever



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Engine Start Switch

Engine Stop/Run Switch

Throttle Control Grip

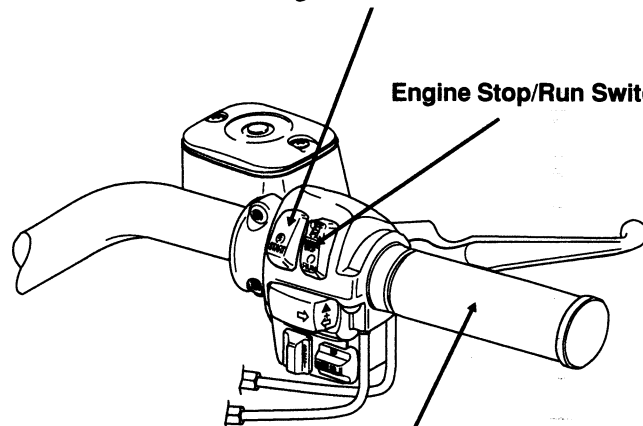


Figure 20. Handlebar Gear Shifting Controls

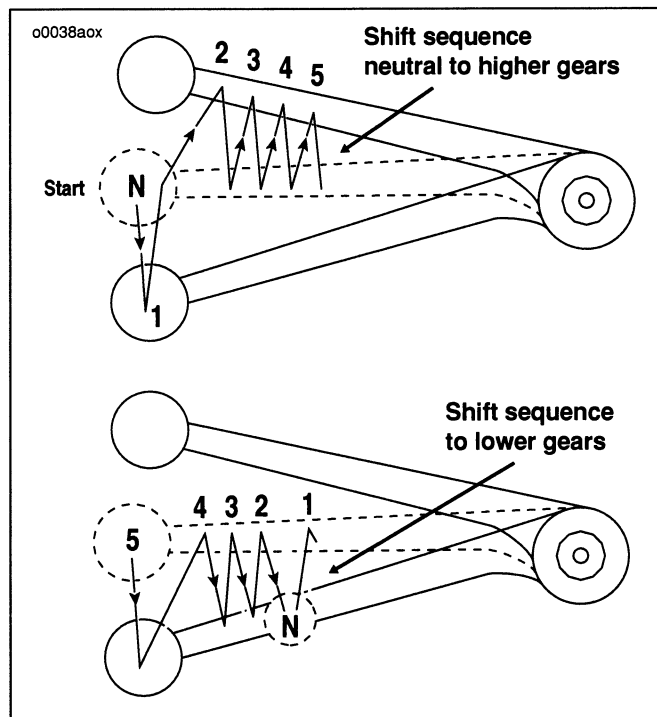


Figure 21. Foot Shifter Lever

STOPPING THE ENGINE

1. See Figure 20. Stop the engine by turning OFF the engine Stop/Run switch on right handlebar.
2. Turn OFF the Ignition/Light Key switch.

NOTE:

If the engine should be stalled or stopped in any way, turn off the Ignition/Light key switch at once to prevent battery discharge.

SADDLEBAGS

⚠ WARNING

Do NOT exceed the Gross Vehicle Weight Rating of your motorcycle. The Gross Vehicle Weight Rating (GVWR) is shown on the information plate, located on the frame steering head. (GVWR is the sum of the weight of the motorcycle, accessories and the maximum weight of the rider, passenger and cargo that may be safely carried.) Exceeding GVWR can lead to instability of the motorcycle which could result in death or serious injury.

⚠ WARNING

Do NOT load weight or install accessories improperly on your motorcycle. Doing so may affect the motorcycle's stability and handling characteristics, which could result in death or serious injury.

NOTE:

The Screamin' Eagle® Road Glide® (FLTRSEI) saddlebags lids are designed to stay attached to the bags at all times.

Opening Saddlebag

1. See Figure 22. Pull bottom of saddlebag latch outward and lift upward raising outboard corners of lid.
2. Place one hand at the OUTSIDE CORNER of lid and other hand at OPPOSITE OUTSIDE CORNER.
3. Lift outside edge of lid, pivoting inside edge of lid in brackets.
4. Lift inside edge of lid to disengage brackets.
5. Bring lid towards you, over saddlebag.
6. See Figure 23. As you bring cover toward you, let it flip over, so the inside faces up. A nylon check strap suspends the lid in the open position.

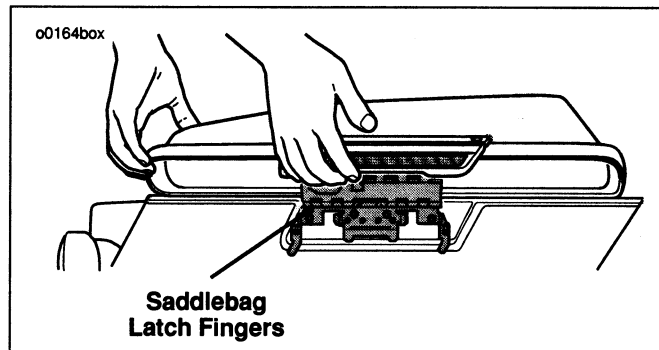


Figure 22. Opening Saddlebag Cover

Saddlebag Removal

The saddlebags are secured to the support brackets by two 1/4 turn fasteners called "Bail Head Studs".

1. See Figure 23. Unscrew saddlebag "Bail Head Studs" by turning 1/4 turn counterclockwise (CCW). **Save** the washers and studs.
2. Remove saddlebag.
3. Repeat steps 1 thru 3 for other saddlebag.

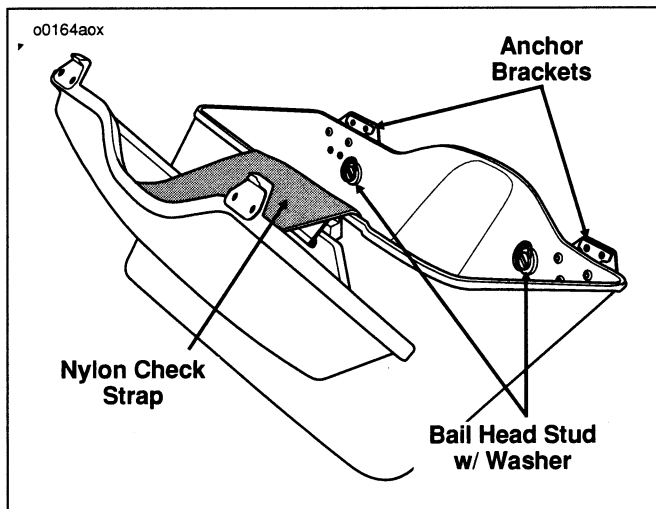


Figure 23. Bail Head Studs

Saddlebag Installation

1. See Figure 23. Carefully place saddlebag in position and align the anchor brackets on the saddlebag with the support bracket on the motorcycle.
2. Place flat washers on "Bail Head Studs".
3. Fasten "Bail Head Studs" and washer by pushing into front support bracket and rotate 1/4 turn clockwise (CW).
4. Ensure "Bail Head Studs" are **securely** fastened.
5. Repeat steps 1 thru 4 for other saddlebag.

Closing Saddlebags

1. Use both hands to hold OUTSIDE corners of cover up and slide inside edge back into place so brackets slide together.
2. Close lid and secure latch. Brackets will engage automatically.

NOTE:

Saddlebag lid latches should be closed and locked whenever motorcycle is in operation.

TOUR-PAK

WARNING

Do NOT exceed the Gross Vehicle Weight Rating of your motorcycle. The Gross Vehicle Weight Rating (GVWR) is shown on the information plate, located on the frame steering head. (GVWR is the sum of the weight of the motorcycle, accessories and the maximum weight of the rider, passenger and cargo that may be safely carried.) Exceeding GVWR can lead to instability of the motorcycle, which could result in death or serious injury.

WARNING

Do NOT load weight or install accessories improperly on your motorcycle. Doing so may affect the motorcycle's stability and handling characteristics, which could result in death or serious injury.

NOTE:

The Screamin' Eagle® Road Glide® motorcycle can be ridden:

- without the Tour-Pak rack and Tour-Pak.
- with both the Tour-Pak rack and Tour-Pak as an assembly.
- with detachable passenger backrest.(with Tour-Pak rack and Tour-Pak removed)

Tour-Pak Removal

1. See Figure 24. Loosen the set screw at the radio antenna base using a M4 allen wrench.
2. Remove radio antenna from the Tour-Pak by turning the antenna counterclockwise (CCW).
3. Disconnect the 4-pin electrical connector located on the left side of the vehicle, under the seat. The seat does not have to be removed to access the connector.

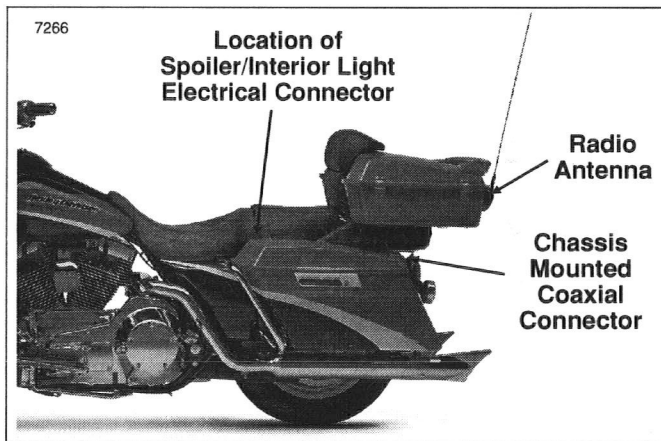


Figure 24. Tour-Pak Electrical Connections

4. See Figure 24. Disconnect the coaxial radio antenna cable leading from the Tour-Pak to the top of the chassis mounted coaxial adapter.
5. See Figure 26. Remove the Tour-Pak assembly by placing a thumb on **each** of the spring-loaded locking latches, and your index finger on the swivel latch.
6. Using your thumb, push in the spring-loaded locking latch and pull the swivel latch rearward.
7. Lift the assembly off the motorcycle by lifting the Tour-Pak upward and toward the rear of the motorcycle.

NOTE:

If you wish to ride with the Tour-Pak rack off the motorcycle and use the radio, the radio antenna will need to be installed. Proceed to steps 8 thru 10.

8. See Figure 25. Remove the chassis mounted coaxial adapter from the antenna bracket. Place in Tour-Pak or install back onto antenna cable from Tour-Pak.
9. Install radio antenna on the chassis mount by turning the antenna clockwise (CW)
10. Tighten the set screw at the radio antenna base using a M4 allen wrench.

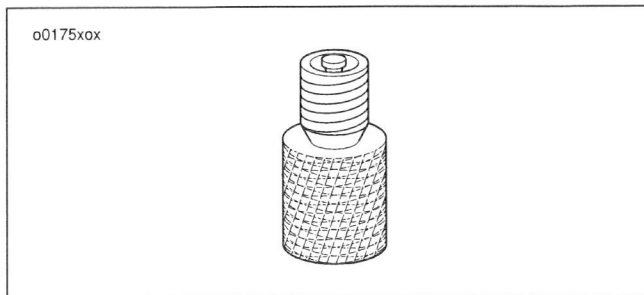


Figure 25. Coaxial Adapter

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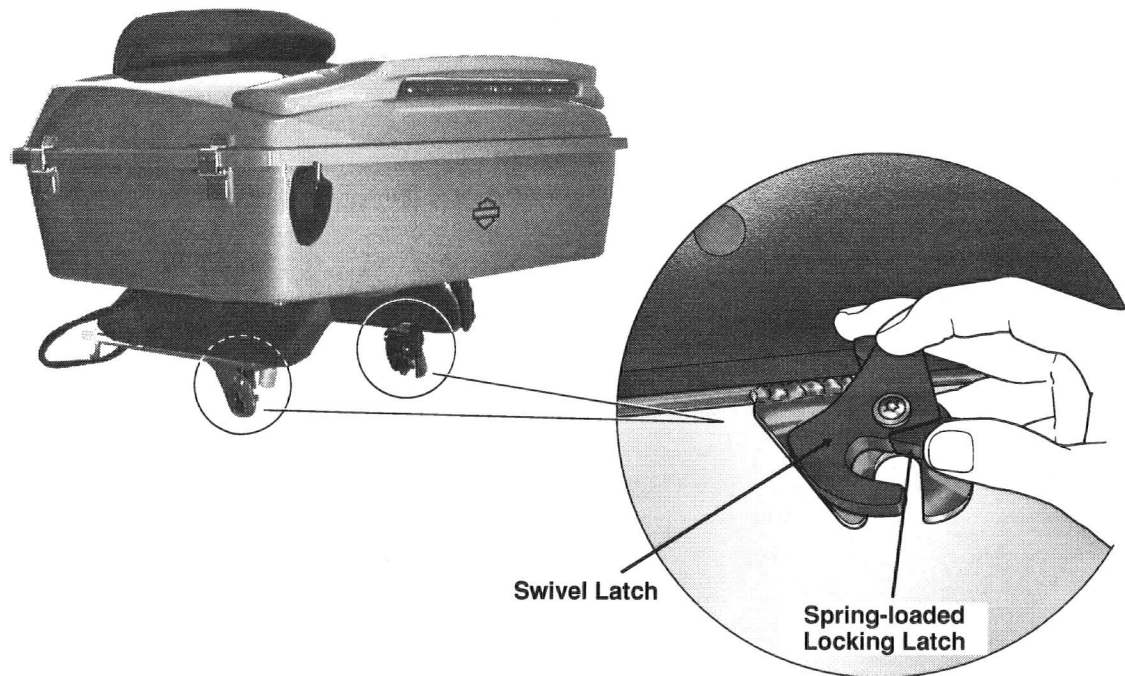


Figure 26. Luggage Rack/Tour-Pak Removal

Mount Tour-Pak Rack

1. Remove antenna.
2. See Figure 27. Locate the slotted bushing for the Tour-Pak rack just to the rear and both sides of the seat.
3. Slide the "C" bracket guides into the slotted bushing.
4. With the latches aligned to accept the bushing, push down on the rear of the Tour-Pak rack bracket and lock in place.
5. See Figure 24. Connect the 4-pin electrical connector going to the Tour-Pak spoiler/interior light, and tuck under seat.
6. Install coaxial adapter. Install coaxial cable from Tour-Pak onto adapter.
7. Verify Tour-Pak rack is **locked** in place before riding motorcycle.

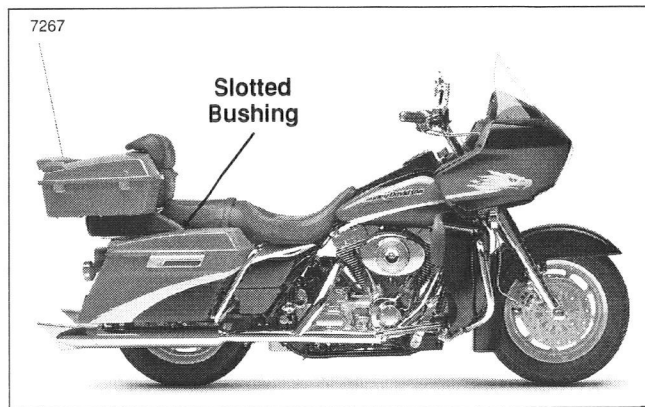


Figure 27. Slotted Bushings

DETACHABLE PASSENGER BACKREST

The Screamin' Eagle® Road Glide® (FLTRSEI) model motorcycles comes with a detachable passenger backrest.

NOTE:

The detachable passenger backrest is used when the Tour-Pak is removed from the vehicle.

See Figure 28. The detachable passenger backrest is installed and removed in the same manner as the Tour-Pak rack. See the following:

- Tour-Pak Removal section.
- Mount Tour-Pak Rack section.

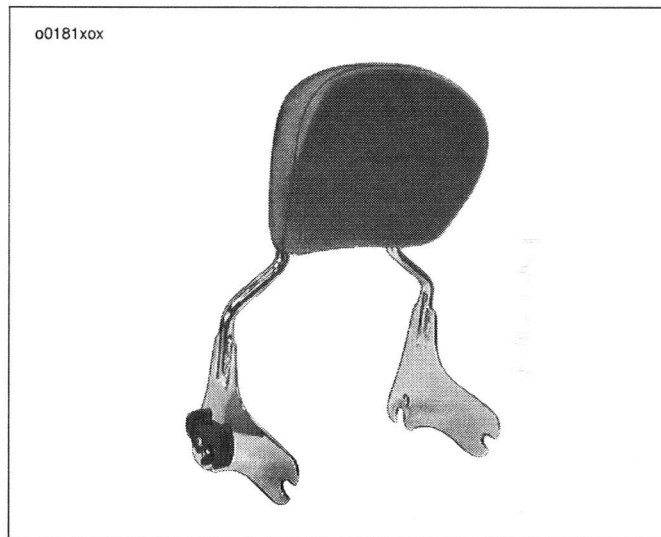


Figure 28. Detachable Passenger Backrest

REMOVABLE RIDER BACKREST

Removal

1. See Figure 29. Spread the seat covering at the base of the backrest exposing the two spring loaded support arms.
2. See Figure 30. Using two hands, squeeze together the spring loaded support arms.

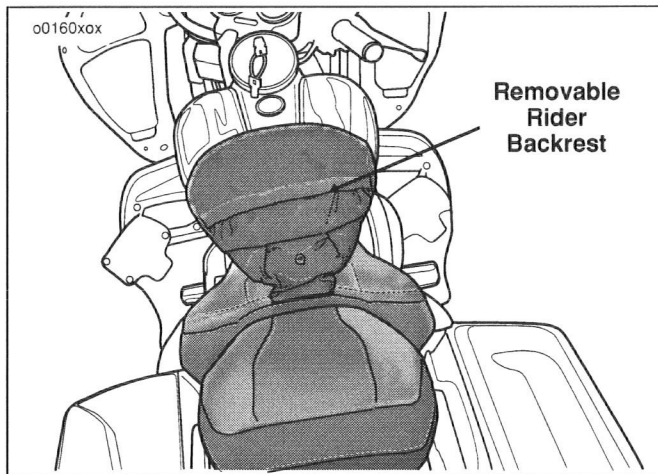


Figure 29. Removable Backrest

3. Pull upward to remove the backrest from the bracket

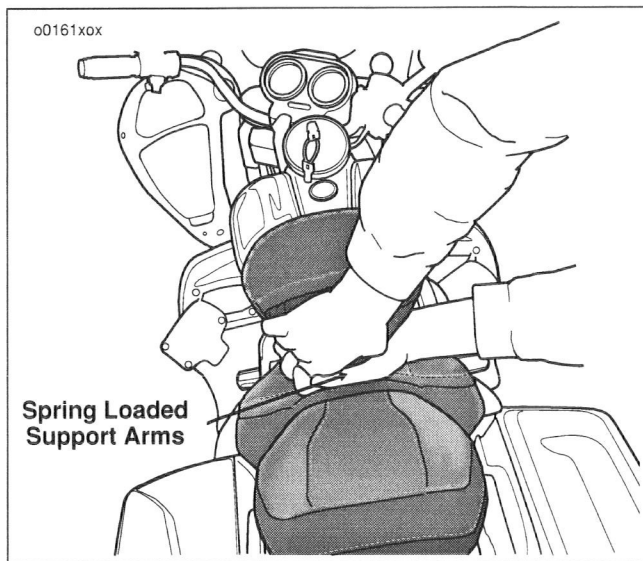


Figure 30. Backrest Removal

Installation

1. See Figure 31. Spread the seat opening expose the keyed backrest support bracket.

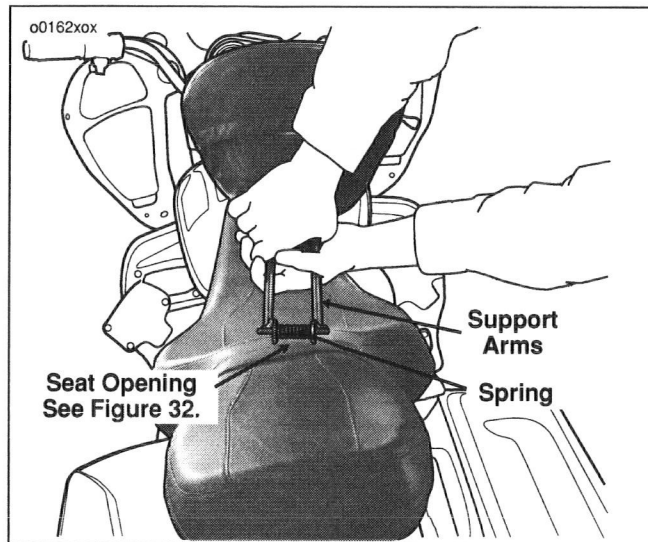


Figure 31. Backrest Installation

2. See Figure 31. Squeeze together the two spring loaded support arms on the backrest.
3. See Figure 32. Insert the support arms into the keyed support bracket.
4. Test to assure the seat is secured into the bracket.

NOTE:

The backrest is spring loaded to assist the passenger in getting on and off the vehicle.

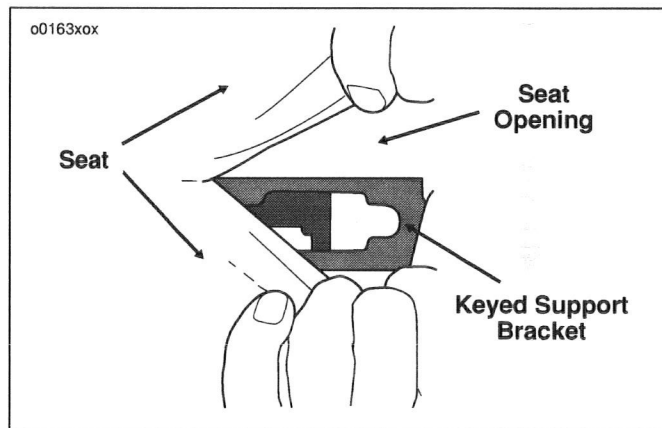


Figure 32. Backrest Mounting Bracket

AUXILIARY REAR DIRECTIONAL BAR

See Figure 33. The Screamin' Eagle® Road Glide® (FLTRSEI) motorcycle has an auxiliary rear directional bar attached to the rear fender below the brake light. The directional bar is an LED display showing:

- Brake lights.
- Running lights.

NOTE:

The auxiliary rear directional bar does NOT display left or right turn signals.

SPOILER

See Figure 33. The Screamin' Eagle® Road Glide® (FLTRSEI) motorcycle has a decorative spoiler attached to the top of the Tour-Pak. The spoiler contains a brake/running LED display showing:

- Brake lights.
- Running lights.

NOTE:

The spoiler LED assembly does NOT display left or right turn signals

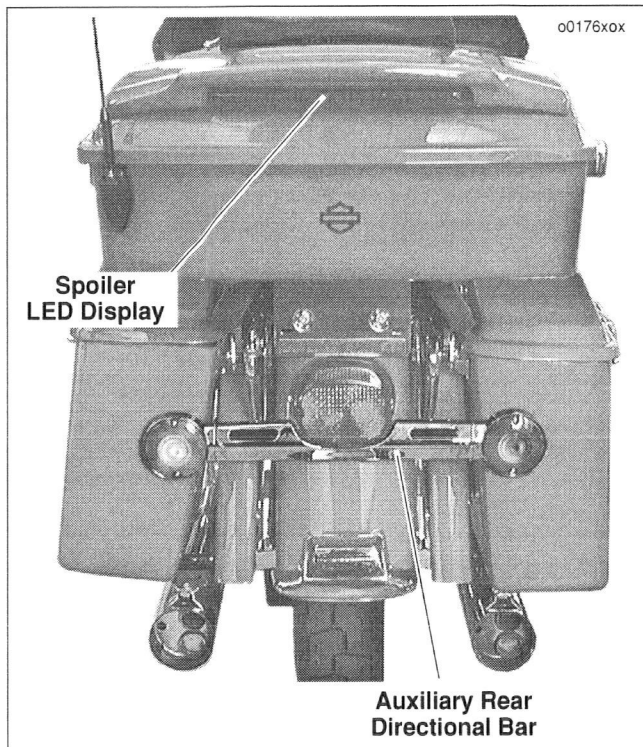


Figure 33. Rear Directional Bar

FAIRING LOWER

Removal

1. See Figure 34. Remove two phillips head fasteners from fairing lower cap on right side of vehicle.
2. Hold locknut at bottom of fairing lower, and using a T40 TORX® drive head, turn TORX® fastener counterclockwise (CCW) to free fairing assembly from engine guard.
3. Using a socket & extension from within glove box, remove the nut holding the fairing lower to the upper portion of the engine guard.

NOTE:

It may be necessary to remove the air cleaner and cover to gain access to the nut holding the fairing lower to the engine guard.

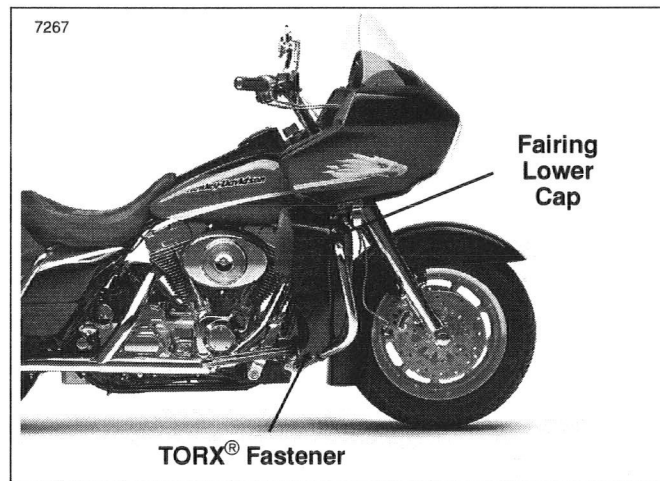


Figure 34. Right Fairing Removal

4. See Figure 35. Remove the fairing lower mounting "P" clamp on the bottom of the engine guard.
5. See Figure 35. Remove the aluminium fairing lower mounting bracket from the top of the engine guard.
6. See Figure 36. Install fairing lower (chrome) clamp (Part No. 58490-79), using the two fasteners removed in step 5. (Align in board edge aluminium bracket to be flush with in board edge of fairing support.) Tighten fasteners to 36-60 in-lbs (4-7 Nm) torque.

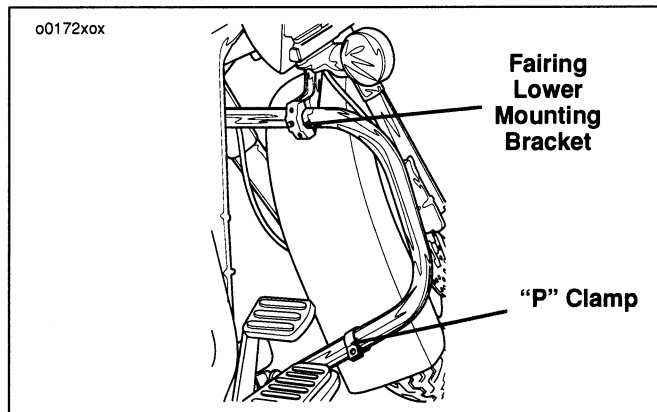


Figure 35. Right Fairing Lower Mounting

NOTE:

If air cleaner and cover were removed, see 2000 FLT Models Service Manual for installation

7. Repeat steps 1 thru 6 on left side fairing lower.

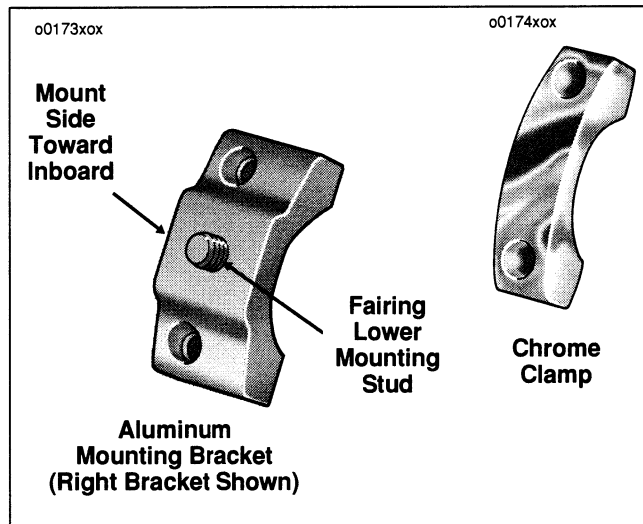


Figure 36. Fairing Lower Bracket/Clamps

Installation

1. Remove two fairing lower (chrome) clamps. **Save** fasteners.
2. See Figure 34. and Figure 35. Install aluminium fairing lower mounting bracket to the engine guard, using the two fasteners removed in step 1. Tighten fasteners to 36-60 in-lbs (4-7 Nm) torque.
3. Install fairing lower mounting "P" clamp on bottom of engine guard,
4. Place fairing lower into position on right side of vehicle.
5. Using a socket & extension from within glove box, install the nut through the fastener opening and into the center hole in the aluminium mounting bracket. Tighten nut **lightly**.

NOTE:

It may be necessary to remove the air cleaner and cover to gain access to the nut holding the fairing lower to the engine guard.

6. Insert the TORX[®] fastener through the hole in the bottom of fairing lower and the "P" clamp. Holding the locknut in place, use a T40 TORX[®] drive head and turn the TORX[®] fastener clockwise (CW). Tighten TORX[®] fastener to 12 ft-lbs (16.3 Nm) torque.
7. Tighten nut inside glove box to 120 in-lbs (13.6 Nm) torque.

8. See Figure 33. Install two phillips head fasteners to secure fairing lower cap. Tighten fasteners to 10-20 in-lbs (1.1-2.3 Nm) torque.
9. Repeat steps 1 thru 8 on left side of vehicle.

NOTE:

If air cleaner and cover were removed, see 2000 FLT Models Service Manual for installation.

MOTORCYCLE COVER

See Figure 37. The Screamin' Eagle® Road Glide® motorcycle comes with a cotton protective motorcycle cover.

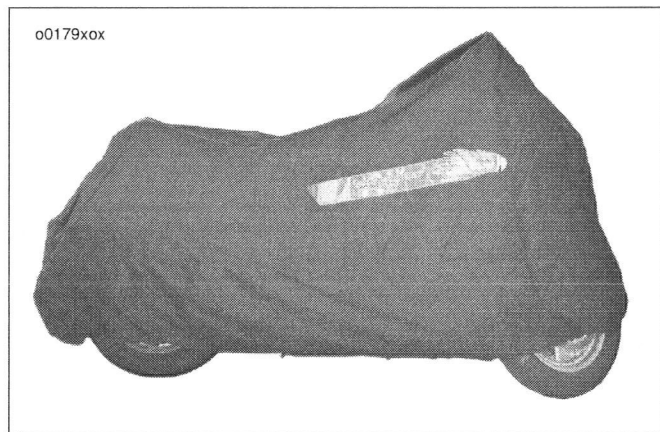


Figure 37. Motorcycle Cover

LINERS

Saddlebag Liner

See Figure 38. A removable zippered carry-all bag (2 ea.) which fits the inside contour of the each saddlebag.

Tour-Pak Liner

See Figure 38. A zippered carry-all bag which fits the inside contour of the Tour-Pak.

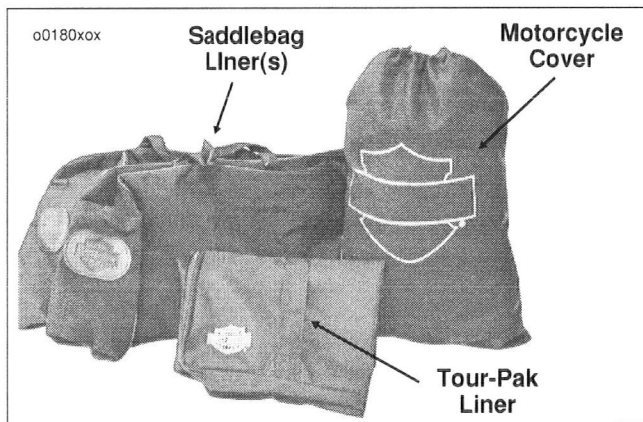


Figure 38. Liners

OPERATING MAINTENANCE

WARNING

For your personal welfare and safety, all the listed service and maintenance recommendations should be performed. Lack of regular maintenance at the suggested intervals may affect the safe operation of your motorcycle which could result in death or serious injury.

Good maintenance means a safe vehicle. 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.

The following items should be checked:

1. Tires for correct pressure, abrasions or cuts.
2. Belt and primary chain 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 chain case and transmission fluid levels.

7. Wheel spoke tightness, if applicable.
8. Headlamp, tail lamp, brake lamp and directional lamp operation.

BREAK-IN MAINTENANCE

NOTE:

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

See MAINTENANCE SCHEDULING section. After a new motorcycle has been ridden its first 500 miles (800 km), it should be taken to the Harley-Davidson dealer from whom it was purchased for initial service operations. If it is impossible to take the motorcycle to a dealer at the mileage intervals noted, the owner should give the following checklist attention, or arrange to have it checked. In addition, take the motorcycle to your Harley-Davidson Dealer for more complete servicing as soon as it is convenient.

ENGINE LUBRICATION

Engine oil is a **major** factor in the performance and service life of the engine. **Always** use the proper grade of oil for the lowest temperature expected before the next scheduled oil change.

See Table 9. If it is necessary to add engine oil and Harley-Davidson® oil is not available, use an oil **certified** for diesel engines.

Acceptable diesel engine oil designations include:

- CE
- CF
- CF-4
- CG-4

The preferred viscosities for the diesel engine oils, in descending order are:

- 20W-50
- 15W-40
- 10W-40

At the first opportunity, see a Harley-Davidson Dealer to change back to 100 percent Harley-Davidson oil.

Engine Oil Table

Table 9. Recommended Engine Oils

Harley-Davidson Type	Viscosity	Harley-Davidson Rating	Lowest Ambient Temperature	Cold Weather Starts Below 50°F (10°C)
HD Multi-grade	SAE 10W40	HD 360	Below 40°F (4°C)	Excellent
HD Multi-grade	SAE 20W50	HD 360	Above 40°F (4°C)	Good
HD Regular Heavy	SAE 50	HD 360	Above 60°F (16°C)	Poor
HD Extra Heavy	SAE 60	HD 360	Above 80°F (27°C)	Poor

CHECKING OIL LEVEL

CAUTION

Oil level cannot be accurately measured on a cold engine. For pre-ride inspection, with motorcycle leaning on jiffy stand on level ground, oil should register on dipstick between arrows when engine is cold. Do NOT add oil to bring the level to the FULL mark on a COLD engine.

Oil Level COLD Check

Perform engine oil level **COLD CHECK** as follows:

1. With the vehicle resting on the jiffy stand on level ground, wipe off the dipstick and insert it back into the oil pan with the plug pushed **completely** into the fill spout.
2. See Figure 39. Remove the dipstick and note the level of the oil. Oil level should register between the two arrows on the dipstick.

NOTE:

If oil level is at or below the lower arrow, add only enough oil to bring the level **between** the two arrows on the dipstick.

Oil Level HOT Check

Perform engine oil level **HOT CHECK** as follows:

1. Ride motorcycle until engine is at normal operating temperature.
2. With the vehicle resting on the jiffy stand on level ground, allow engine to idle for 1-2 minutes. Turn engine off.
3. Wipe off the dipstick and insert it back into the oil pan with the plug pushed **completely** into the fill spout.
4. Remove the dipstick and note the level of the oil. Add only enough oil to bring the level to the FULL mark on the dipstick. **Do not overfill.**
5. Start engine and carefully check for oil leaks around drain plug and oil filter.

Engine oil level should be checked **only** when engine is at normal operating temperature.

NOTE:

The engine will require a longer warm up period in colder weather.

CAUTION

Do **NOT** allow hot oil level to fall below lower mark on dipstick. Doing so may result in equipment damage and/or equipment malfunction.

CAUTION

Do **NOT** overfill oil tank. Doing so may result in oil carry-over to the air cleaner leading to equipment damage and/or equipment malfunction.

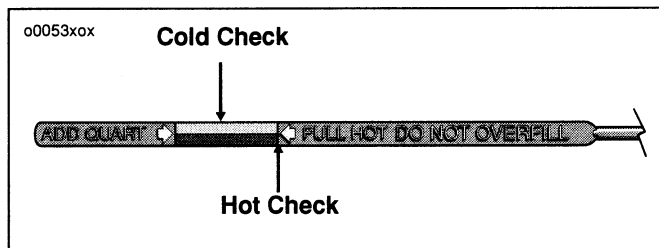


Figure 39. Engine Oil Level

CAUTION

Do **NOT** switch oil brands indiscriminately because some oils interact chemically when mixed. Use of inferior oils or non-detergent oils can damage the engine.

- Check engine oil supply at each complete fuel refill.
- Oil should be changed after the first 1,000 miles (1,600 km) for a new engine, and thereafter at 5,000 (8,000 km) mile intervals in normal service at *warm or moderate* temperatures.
- Oil change intervals should be shorter in cold weather - See MAINTENANCE AND LUBRICATION, Winter Lubrication section.

See service manual or your Harley-Davidson Dealer for proper procedures on draining the oil.

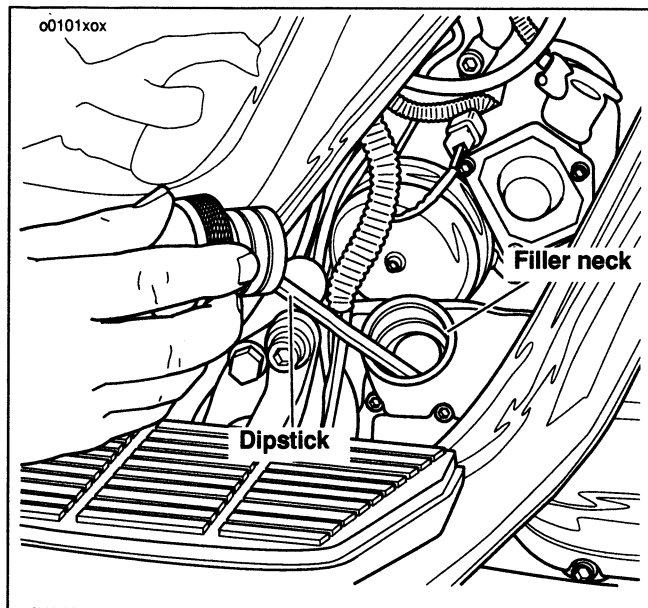


Figure 40. Dipstick Location

NOTES

ENGINE OIL FILTER

See Figure 41. Oil filters are located on an oil filter mount in front of the engine.

WARNING

Ensure NO lubrication gets on rear tire, wheel or brakes when changing lubrication. Traction will be adversely affected which could result in loss of control of the motorcycle and death or serious injury.

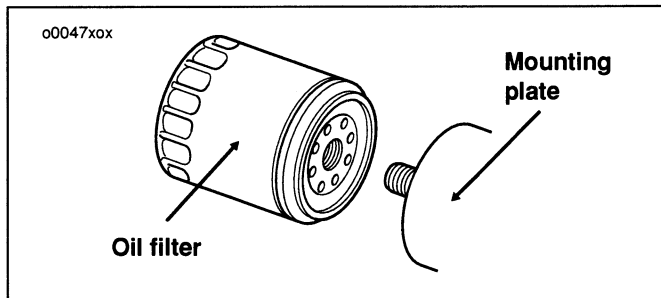


Figure 41. Engine Oil Filter

1550 (EFI) equipped vehicles require the **new** (chrome) premium oil filter (Part No. **63798-99**).

NOTE:

If the (chrome) premium oil filter (Part No. 63798-99) is unavailable, the (black) premium oil filter (Part No. 63731-99) may be substituted as a replacement.

1. Read the service manual or contact your Harley-Davidson Dealer for the proper procedure on draining the oil.
2. Completely drain the engine oil tank before removing oil filter.
3. Remove the oil filter.
4. Clean filter gasket contact surface on mounting plate (surface should be smooth and free of any debris or old gasket material).

5. See Figure 42. Apply a thin film of oil to gasket contact surface on mounting plate, gasket and new oil filter.

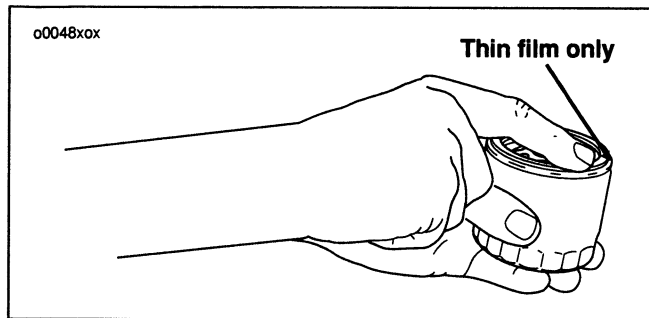


Figure 42. Applying Thin Oil Film

6. Screw filter onto adapter until gasket contacts plate surface, then apply another 3/4 to 1 full turn.
7. For model specific information regarding the oil filter, refer to the appropriate Service Manual or see your Harley-Davidson Dealer.

WINTER LUBRICATION

Combustion in any engine produces water vapor. When starting and warming up in cold weather, much of the vapor condenses to water on the relatively cool metal surfaces. If the engine is driven enough to get the crankcase thoroughly warmed up frequently, most of this water is again vaporized and blown out through the breather.

A moderately driven engine, making only short runs and seldom getting thoroughly warmed up, is likely to accumulate an increasing amount of water in the oil tank. In freezing weather this water will become slush or ice and if allowed to accumulate too long, may block the oil lines and cause damage to the engine.

Water mixed with oil forms sludge that is harmful to the engine and causes undue wear of various working parts.

NOTE:

During winter the oil change interval should be shorter than normal for all engines; any engine used only for short runs must have oil drained frequently along with a thorough tank flush-out before new oil is put in tank.

The further below freezing the temperature drops, the shorter the oil change interval should be.

TRANSMISSION LUBRICATION

See Figure 43. The transmission lubricant level should be checked monthly.

- When filling the transmission, use Harley-Davidson TRANSMISSION LUBRICANT (Part No. 99892-84 (qt.) or 99891-84 (gal.)).

NOTE:

When checking the transmission lubricant level, motorcycle should be standing STRAIGHT UP, not leaning on the jiffy stand. Keep motorcycle upright for a short period of time to equalize lubricant level in the transmission compartments.

When the engine reaches normal operating temperature, turn the engine off and position motorcycle STRAIGHT UP and LEVEL.

1. See Figure 43. Remove the threaded filler plug.
2. Clean dipstick.
3. Put dipstick filler plug back into hole, but do **not** screw in.
4. Remove dipstick and take reading.

NOTE:

Lubricant level should be between the two marks on the dipstick.

5. Add lubricant if necessary.

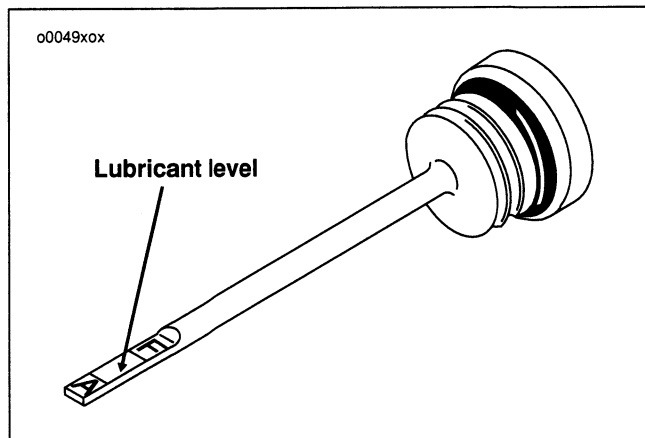


Figure 43. Transmission Lubricant Dipstick

NOTE:

*Do **NOT** overfill or leakage may occur. The transmission fluid capacity is approximately 24 ounces. When reinstalling the filler plug, tighten to 25-75 in-lbs (2.8-8.5 Nm) torque.*

The transmission should be drained and refilled with fresh lubricant after the first 1,000 miles (1,600 km) and thereafter seasonally or every 5,000 miles (8,000 km), whichever comes first.

6. For model specific information regarding the transmission, refer to the appropriate Service Manual or see your Harley-Davidson Dealer.
- When installing the drain plug, tighten to 25-75 in-lbs (2.8-8.5 Nm) torque.
- Remove foreign material from end of plug.

CAUTION

When draining and refilling the transmission, be careful that dirt and debris do not get into the case. Failure to do so may result in equipment damage.

⚠ WARNING

Ensure NO lubrication gets on rear tire, wheel or brakes when changing lubrication. Traction will be adversely affected which could result in loss of control of the motorcycle and death or serious injury.

PRIMARY CHAIN ADJUSTMENT

Primary (front) chain adjustment should be checked initially at 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter and serviced as necessary. If the chain is allowed to run loose, it will cause the motorcycle to jerk when running at low speed, and chain and sprockets will wear excessively. If this happens, see your Harley-Davidson Dealer or Service Manual for adjustment procedure.

PRIMARY CHAIN CASE LUBRICATION

Lubrication is a major factor in the performance and service life of the clutch components. Use appropriate Harley-Davidson chain case lubricant for all operating temperatures. Chain case lubricant should be changed initially at 1,000 miles (8,000 km) and every 5,000 (8,000 km) miles thereafter.

- For model specific information regarding the primary chain case capacity, refer to the appropriate Service Manual or see your Harley-Davidson Dealer.

CHECKING CHAIN CASE LUBRICANT

1. Position motorcycle STRAIGHT UP and LEVEL.
 2. See Figure 44. Remove screws and washers that secure clutch inspection cover.
 3. Remove clutch inspection cover carefully to avoid damaging quad ring or finish on cover.
 4. See Figure 45. Primary chain case lubricant should be at the bottom of the clutch diaphragm spring.
- Use only PRIMARY CHAIN CASE LUBRICANT (Part No. 99887-84).

CAUTION

Replace quad ring if damaged or not sealing properly to avoid lubricant leakage. Failure to do so may result in equipment damage.

5. Replace clutch inspection cover and secure with screws.
6. Tighten clutch inspection cover to 50-70 in-lbs (5.6-7.9 Nm).

NOTE:

Whenever draining chain case lubricant, inspect and clean chain case magnetic drain plug. See the appropriate service manual for more details.

Check clutch adjustment every 5,000 miles (8,000 km). We recommend your Harley-Davidson Dealer perform these services for you.

CAUTION

When draining and refilling the primary chain case , be careful that dirt and debris do not get into the case. Failure to do so may result in equipment damage.

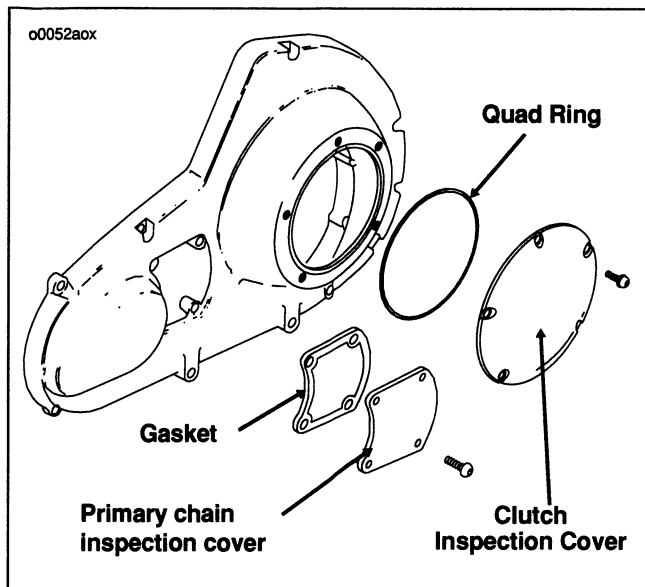


Figure 44. Primary Chaincase

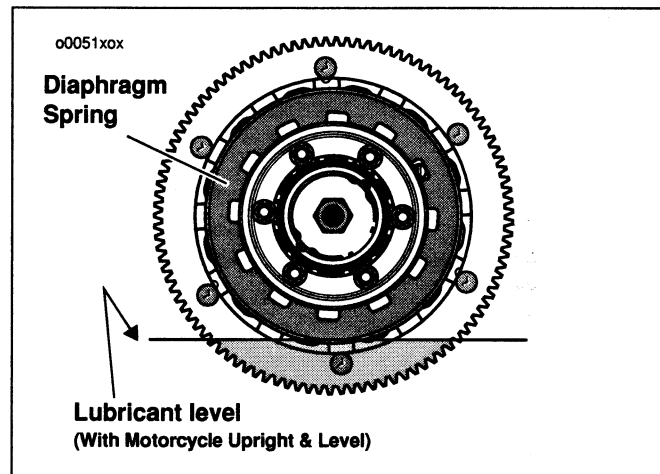


Figure 45. Lubricant Level

REAR DRIVE BELT

The rear drive (secondary) belt inner tooth surface has a thin coating of polyethylene. During initial operation, this coating will wear as it is burnished into the belt fabric. This is a normal condition and not an indication of belt wear.

Belt tension should be checked after the first 1,000 miles (1,600 km) and every 2,500 (4,000 km) miles thereafter.

- For model specific information regarding the rear drive belt, refer to the service manual or see your Harley-Davidson Dealer.

If belt requires adjustment, see your Harley-Davidson Dealer, or follow instructions given in the Service Manual.

Check rear brake caliper position on rear brake disc. Disc should run true within brake caliper.



Align rear wheel and/or brake calipers when servicing motorcycle. A misaligned rear wheel and/or brake caliper could cause the rear brake disc to bind which could result in death or serious injury.

OIL APPLICATIONS

All control connections and parts, as indicated in the SCHEDULED MAINTENANCE TABLE section in the 2000 FLT Models Service Manual, should be oiled regularly, particularly after washing motorcycle or driving in wet weather.

CHASSIS LUBRICATION

Greasing

CAUTION

Do NOT switch brands/greases indiscriminately because some oils interact chemically when mixed. Use of inferior oils or non-detergent oils can damage the engine.

1. Use recommended special purpose grease for steering head bearings. Use a multipurpose chassis grease for other applications.
2. Remove and lubricate handlebar throttle control grip sleeve with fresh graphite every 5,000 miles (8,000 km), once each year, or when operation indicates lubrication is necessary.
3. Every 5,000 miles (8,000 km) lubricate throttle control cables, speedometer drive cable and clutch control cable. Lubricate front brake hand lever and clutch control hand lever only if necessary.
4. Inspect rear swing arm pivot bushings.
5. Pack the steering head bearings with fresh grease at 10,000 (16,000 km) mile intervals or every 2 years, whichever occurs first.

6. Lubricate the jiffy stand mechanism with LOCTITE LUBRIPLATE® every 5,000 miles (8,000 km).
- For model specific information regarding the chassis lubrication, refer to the appropriate Service Manual or see your Harley-Davidson Dealer.

FRONT FORK OIL

Drain front fork oil and refill every 20,000 miles (32,000 km). If fork does not appear to be working properly or an appreciable amount of oil leakage should develop, see your Harley-Davidson Dealer. If there is insufficient oil in either side of fork, the rebound action will be incorrect.

CLUTCH

CAUTION

The clutch control cable must be oiled and adjusted every 5,000 miles (8,000 km) to compensate for lining wear. Failure to do so may result in equipment damage.

The need for attention to clutch and controls will be indicated by the clutch slipping under load, or dragging when released. In this situation, the control cable adjustment should be the first thing to be checked. See your Harley-Davidson Dealer for proper service.

HYDRAULIC LIFTERS

Lifters are self-adjusting, hydraulic type. They automatically adjust length to compensate for engine expansion and valve mechanism wear, keeping the valve mechanism free of lash when the engine is running.

When starting an engine which has been turned off even for a few minutes, the valve mechanism may be slightly noisy until the hydraulic units completely refill with oil. If at any time, other than for a short period immediately after engine is started, valve mechanism becomes abnormally noisy, it is an indication that one or more of the hydraulic units may not be functioning properly.

Always check the oil supply in the oil pan first, since normal circulation of oil through the engine is necessary for proper operation of the hydraulic units.

If there is oil in the pan, the units may not be functioning properly because of dirt in the oil supply passages leading to the lifter units. See your Harley-Davidson dealer for service.

BRAKES

WARNING

Use both brakes evenly. Use of one brake accelerates wear and affects braking efficiency. Operation with excessively worn brakes can lead to brake failure which could result in death or serious injury.

WARNING

Brake pads must be inspected for wear every 2,500 miles (4,000 km). If you ride under adverse conditions, (steep hills, heavy traffic, etc.) a more frequent inspection at 1,000 miles (1,600 km) or less, is required. Worn brake pads could result in death or serious injury.

1. Every 2,500 miles (4,000 km), check brake pads and brake discs for wear.
 2. Every 5,000 miles (8,000 km), check the fluid level in the master cylinder reservoirs.
- Use only Harley-Davidson D.O.T. 5 SILICONE HYDRAULIC BRAKE FLUID (Part No. 99902-77) approved for brake system use and available from your Harley-Davidson Dealer.

WARNING

ALWAYS KEEP BRAKE FLUID OUT OF THE REACH OF CHILDREN. D.O.T. 5 SILICONE BRAKE FLUID can cause eye and skin irritation and can be harmful if swallowed, which, if not avoided, could result in death or serious injury.

Brake Fluid Antidote

PHYSICAL LOCATION	PROCEDURE
EXTERNAL	Flush with water.
INTERNAL	Call doctor immediately.
EYES	Flush eyes with water, and get immediate medical attention.

WARNING

Use required tools, correct replacement parts and procedures when performing brake service. Since brakes are a critical safety item, we recommend that you see your Harley-Davidson Dealer for these services. Improper brake service could result in death or serious injury.

See Figure 46. Visual inspection of brake pads can be made without removing the caliper by viewing each caliper with the aid of a flashlight.

WARNING

Do NOT ignore routine maintenance schedules for brakes. Ignoring routine maintenance may cause diminished braking performance and/or brake system component damage, which could result in death or serious injury.

- If the friction material of outer brake pad is .04 in. (1.02 mm) thick or less, the pads must be replaced immediately.
- Always replace both brake pads in pairs.

The brake outer pad on all models can be measured from the caliper bracket side using a thin plastic 6 in. rule.

1. Place the rule against the brake disc through the space alongside the caliper. If brake outer pad measures less than .04 in. (1.02 mm), replace both brake pads immediately.

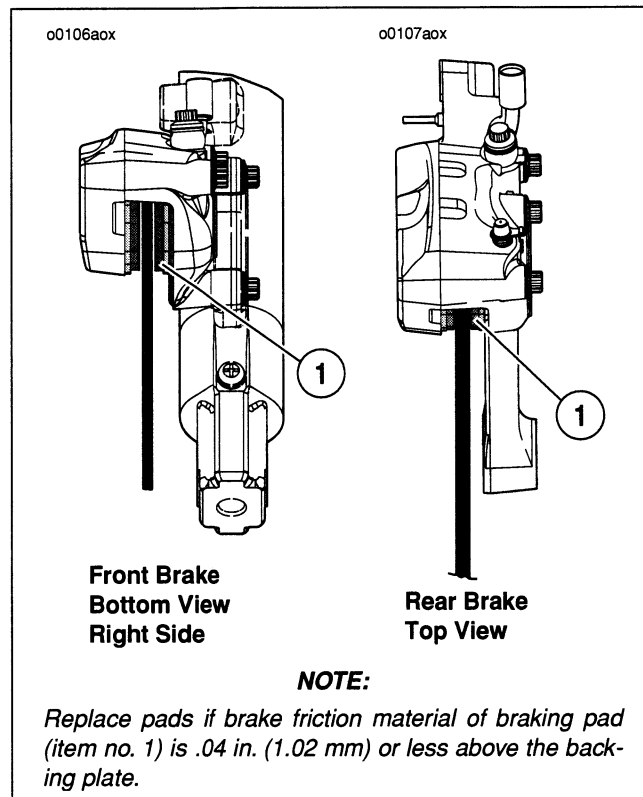


Figure 46. Brake Pads

AIR CLEANER

See Figure 47. The engine air cleaner is a paper/wire mesh air filter element.

Remove air cleaner cover and inspect filter element at least every 5,000 miles (8,000 km), or more often under dusty conditions.

The paper/wire mesh air filter element should be washed in luke warm water with a mild detergent.

WARNING

Always wear eye protection or a face shield when using pressurized air. Low pressure air can blow debris into your face and eyes which could result in death or serious injury.

- Allow filter to either air dry or blow it dry, from the inside, with low pressure air.
- Do not use an air cleaner filter oil on the Harley-Davidson paper/wire mesh air filter element.

CAUTION

Secure filter placement before running engine. Failure to do so could draw debris into the engine and may result in equipment damage.

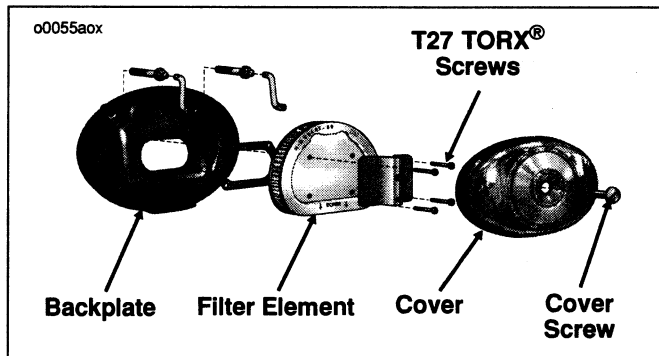


Figure 47. Air Cleaner (EFI)

TIRES

See SPECIFICATIONS, Tire Data section.

WARNING

Do NOT inflate tire beyond its maximum inflation pressure, as specified on tire sidewall. If tires are overfilled they could blow out while vehicle is in operation causing vehicle damage and death or serious injury.

- Be sure to keep tires properly inflated.
- Follow tire data for correct cold tire inflation pressures.
- Check before riding when tires are cold.
- Do **not** over-inflate tires.

WARNING

For your personal safety, the tires, rims and air valves must be correctly matched to wheel rims. See your Harley-Davidson Dealer. Mismatching tires, tubes, rims and air valves may result in damage to the tire bead during mounting, allow tire slippage on the rim and cause tire failure which could result in death or serious injury.

- Check inflation pressure and inspect tread for punctures, cuts breaks, etc., at least weekly if in daily use; or before each trip, if used occasionally.

WARNING

Riding with excessively worn, unbalanced or improperly inflated tires is hazardous; this will adversely affect traction, steering and handling which could result in death or serious injury.

- Same as original equipment tires should be used. Other tires may not fit correctly, could adversely affect handling, and may be hazardous to use.

WARNING

Use required tools, correct replacement parts and procedures when performing tire service. Since tires are a critical safety item, we recommend that you see your Harley-Davidson Dealer for these services. Improper tire service could result in death or serious injury.

 WARNING

Do NOT attempt to use damaged or punctured and repaired tire(s). Once a motorcycle tire has been damaged or punctured, it is unsafe to use and could result in death or serious injury.

 WARNING

A tire can be severely damaged and not show the damage externally. If you strike an object, such as a curb, at speed, internal damage may result which is not visible from the outside. Always remove and carefully inspect the inside as well as the outside of the tire for damage. Operating damaged tires could result in death or serious injury.

VEHICLE ALIGNMENT

Isolation Mounted Engine Models

The stabilizer links and engine mounts should be checked for wear according to Service Manual procedures after the first 1,000 miles (1,600 km) and every 5,000 miles (8,000 km) thereafter.

Vehicle alignment is important. Vehicle stability is adversely affected if wheels are out of alignment. Major alignment of the front and rear wheel is partially controlled by one or two stabilizer links. One at the top of the engine and one at the front of the engine.

Vehicle alignment should be checked every 5,000 miles (8,000 km) and whenever the rear wheel is removed and installed or when the rear drive belt is adjusted.

WARNING

Do NOT change the adjustment of the link(s). Changing the adjustment as little as 1/3 turn could adversely affect motorcycle stability which could result in death or serious injury.

See your Harley-Davidson Dealer for this service.

WARNING

Major vehicle alignment should be performed only by your Harley-Davidson Dealer using Service Manual procedures. Improper vehicle alignment will adversely affect motorcycle handling and stability, which could result in death or serious injury.

STEERING HEAD BEARINGS

WARNING

Adjustment of steering head bearings should be performed only by your Harley-Davidson Dealer using Service Manual procedures. Improperly adjusted bearings will adversely affect motorcycle handling and stability which could result in death or serious injury.

Check steering head bearings for proper bearing adjustment at 1,000 miles (1,600 km) and every 5,000 miles (8,000 km) thereafter. Bearings should be lubricated at 10,000 miles (16,000 km) intervals. With motorcycle front end raised off the floor, be sure front fork turns freely without any binding or interference and that there is no appreciable front to rear fork shake indicating excessive bearing looseness. Steering head bearings should be adjusted according to Service Manual procedure, if necessary.

REAR FORK PIVOT SHAFT

The tightness of the rear fork pivot shaft fastener should be checked after the first 1,000 miles (1,600 km) and every 5,000 miles (8,000 km) thereafter.

- For model specific information regarding the rear fork pivot shaft, refer to the appropriate Service Manual or see your Harley-Davidson Dealer.

SPARK PLUGS

NOTES

Check the spark plugs every 5,000 miles (8,000 km) and replace if necessary. Replace the spark plugs every 10,000 miles (16,000 km) on all models.

Disconnect spark plug cables from plugs by pulling on the molded connector caps. Connection is the simple snap-on type.



Do NOT pull on any electrical wires; this may damage the internal conductor causing high resistance and may result in minor or moderate injury.

Before installing spark plugs, the gap should be checked and adjusted if necessary to **0.038 - 0.043** in. (.97-1.09 mm).

Be sure that your motorcycle has the correct spark plug:

- Use a **HD 6R12** spark plug.

Spark plugs must be tightened to the torque specified for proper heat transfer. Tighten spark plugs to 11-18 ft-lbs (14.9-24.4 Nm) torque, per spark plug

NOTE:

If a torque wrench is not available, tighten plugs finger tight; then tighten an additional one quarter turn with a spark plug wrench.

ALTERNATOR CHARGING RATE AND VOLTAGE REGULATOR

The alternator output is controlled and changed to direct current by the voltage regulator located at the front of the engine. The voltage regulator increases charging rate when battery is low or lamps are lit, decreases charging rate when no lamps are lighted and when battery charge is up.

NOTE:

This unit requires no interval attention. If any electrical system trouble is experienced that might be traceable to the alternator or voltage regulator, the motorcycle should be taken to your Harley-Davidson Dealer who has the necessary electrical testing equipment to give the required attention.

- For model specific information regarding the voltage regulator, refer to the Service Manual or see your Harley-Davidson Dealer.

CIRCUIT BREAKERS

All models have a main circuit breaker to protect the motorcycle wiring. Circuit breakers are self-resetting and automatically returns steady power to the circuit when an electrical fault that causes it to trip is found and corrected. If the electrical fault is not found and corrected, the breaker cycles on and off causing the motorcycle to operate erratically and eventually the battery will lose its charge.

For electrical problems, it is best to see your Harley-Davidson dealer who has necessary parts and equipment to perform electrical services.

FUSES

FLTRSEI Model Fuse Replacement

The Screamin' Eagle® Road Glide® (FLTRSEI) model motorcycles have fuses located under left side cover.

If it is necessary to replace the fuse(s), carefully follow the procedures below or see your Harley-Davidson dealer for service.

CAUTION

Do NOT skip any steps for fuse replacement. Doing so could result in damage to the sound system and/or other motorcycle systems.

Fuse Block Access

1. Place the Ignition/Light Key Switch in the OFF position.
2. Raise lid of left side saddlebag.
3. Grasp "bail head studs" inside saddlebag and rotate each stud a full 1/4 turn in a counterclockwise (CCW) direction.
4. Remove "bail head studs" with flat washers.
5. Remove saddlebag.

6. See Figure 48. Gently pull side cover from frame down-tubes (no tools required). The fuses are located in the fuse block.

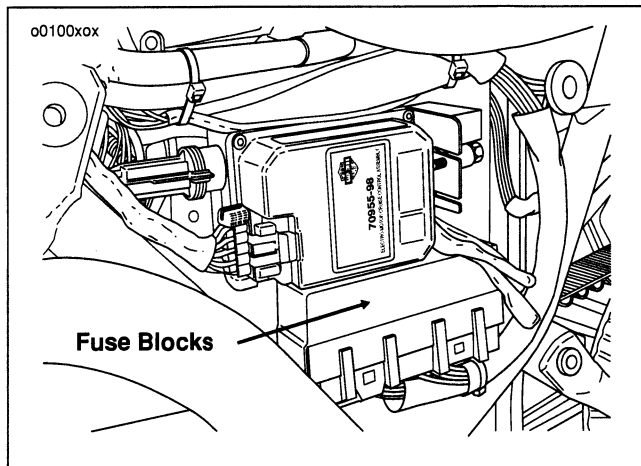


Figure 48. Left Side Cover Removed

Fuse Replacement

1. See FUSES, Fuse Block Access section.
2. Pull fuse blocks from tabs on mounting panel. Tabs on panel fit into slots on each side of fuse block cover.
3. To remove cover, raise latches slightly to disengage tabs on fuse blocks

NOTE:

Two spare fuses (one each: 10A & 15A) can be found in the fuse block cover.

CAUTION

Always use replacement fuses that are of the correct type and value. Use of incorrect fuses can result in damage to electrical systems.

4. Slide cover over fuse blocks until latches fully engage tabs on blocks.
5. Slide fuse blocks into position on mounting panel.

NOTE:

Tabs on panel fit into slots on each side of fuse block cover.

EFI Fuse Holder

See Figure 49. The EFI fuse holder is located on the right side of the motorcycle, under the right side cover.

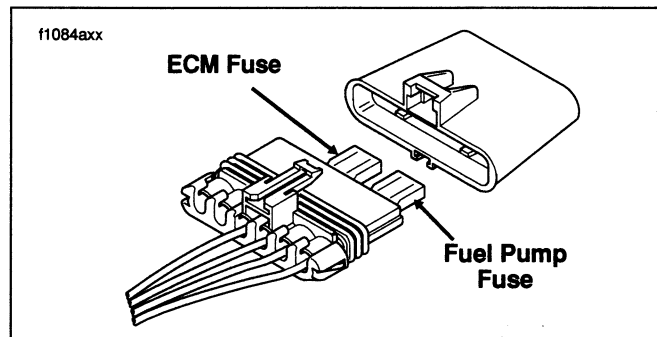
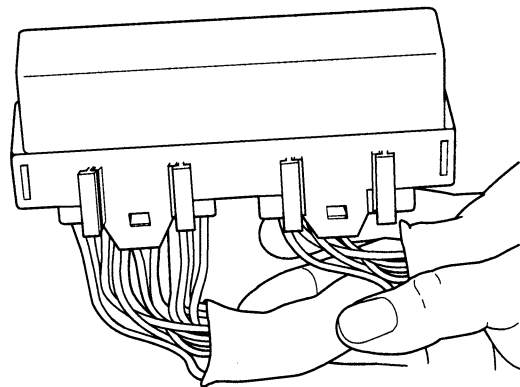


Figure 49. EFI Fuse Holder

Side Cover/Saddlebag Replacement

1. Align studs in side cover with grommets in frame down-tubes and push **firmly** into place (no tools required).
2. Carefully place saddlebag in position and align the anchor brackets on the saddlebag with the support bracket on the motorcycle.
3. Place flat washers on "bail head studs".
4. Fasten "bail head studs" and washer by pushing into front support bracket and rotate 1/4 turn clockwise (CW).
5. Ensure "bail head studs" are **securely** fastened.

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- 1. Brakes/Cruise
- 2. Radio Power
- 3. Tour-Pak Light
- 4. Radio Memory
- 5. Instruments
- 6. Ignition
- 7. Starter Relay

- 8. Brake Light Relay
- 9. Lights
- 10. Accessory
- 11. P&A

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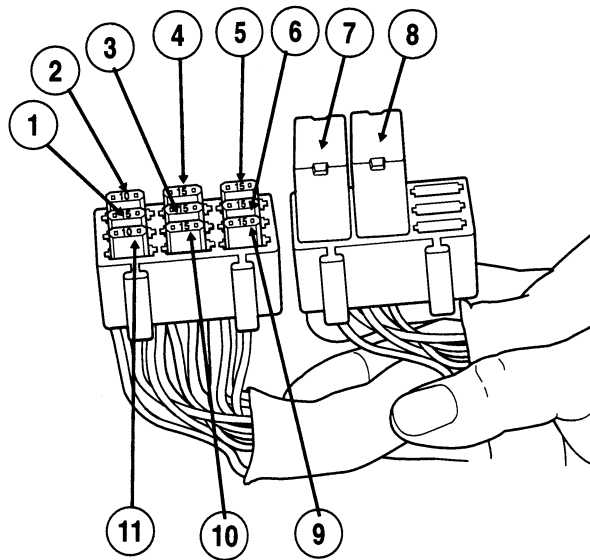


Figure 50. Fuse Blocks

BATTERY

See Figure 51. All Harley-Davidson batteries are permanently sealed, maintenance-free, lead/calcium and sulfuric acid batteries. The batteries are shipped pre-charged and ready to be put into service. Do not attempt to open these batteries for any reason.

The battery is located under the motorcycle seat.

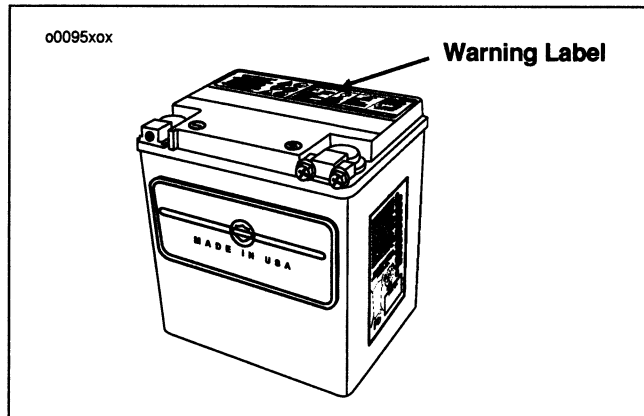


Figure 51. Battery

WARNING

- All batteries contain electrolyte. Electrolyte is a sulfuric acid solution that is highly corrosive and can cause severe chemical burns. Avoid contact with skin, eyes, and clothing. Avoid spillage. Always wear approved protective face shield, rubberized gloves, and protective clothing when working with batteries or electrolyte solution.
- See Figure 51. A warning label is attached to the top of the battery. Never remove the warning label from the battery.
- See Figure 52. Inadequate safety precautions and work procedures could result in death or serious injury.

Battery Electrolyte Antidote

PHYSICAL LOCATION	PROCEDURE
EXTERNAL	Flush with water.
INTERNAL	Drink large quantities of milk or water, followed by milk of magnesia, vegetable oil, or beaten eggs. Call doctor immediately.
EYES	Flush eyes with water, and get immediate medical attention.

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**Contents
are Corrosive**



**Wear
Safety Glasses**



**Contents
are Explosive**



**Keep
Flames Away**



**Read
Instructions**



**Keep Away
From Children**

NON-SPILLABLE

This is a ready filled,
activated, SEALED BATTERY.

NEVER remove strip.

Refer to owner's manual
for charging instructions.

If battery is put into service after
date shown, charge for minimum
of 1 hour at 6-10 amps.

(See side of battery for date.)



! DANGER/POISON

3-4425



**SHIELD
EYES.**

**EXPLOSIVE
GASES CAN
CAUSE BLINDNESS
OR INJURY.**



NO

• SPARKS
• FLAMES
• SMOKING



**SULFURIC
ACID**

**CAN CAUSE
BLINDNESS OR
SEVERE BURNS.**

**FLUSH EYES
IMMEDIATELY
WITH WATER.**

**GET
MEDICAL
HELP FAST.**

KEEP OUT OF REACH OF CHILDREN. DO NOT OPEN BATTERY.

Figure 52. Battery Warning Label

 WARNING

Never remove warning attached to the top of the battery. Failure to read and understand all precautions contained in warning label on battery before performing any service could result in death or serious injury.

BATTERY TESTING

Voltmeter Test

Before you can test your battery you must read the section containing information about seat removal and inspection.

1. Follow steps in MAINTENANCE AND LUBRICATION, Seat Removal section first.

The voltmeter test provides a general indicator of battery condition. Check the voltage of the battery to verify that it is in a 100% fully charged condition. If the open circuit (disconnected) voltage reading is below 12.6V, charge the battery and then re-check the voltage after the battery has set for one to two hours.

Table 10. Voltmeter Test

BATTERY CHARGE CONDITIONS	
Voltage (OCV)	State of Charge
12.8	100%
12.6	75%
12.3	50%
12.0	25%
11.8	0%

BATTERY DISCONNECTION AND REMOVAL

Before you can inspect or disconnect your battery you must read the section containing information about seat removal and inspection.

1. Follow steps in MAINTENANCE AND LUBRICATION, Seat Removal section first.

WARNING

To protect against shock and accidental start-up of vehicle, disconnect the negative (-) battery cable before proceeding (leaving the positive (+) battery cable connected). If the positive cable (+) should contact ground with the negative cable (-) installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

WARNING

Always connect the positive (+) battery cable FIRST. If the positive cable (+) should contact ground with the negative (-) cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

2. Loosen bolt and remove battery negative (-) cable (black) from battery negative (-) terminal.
3. Loosen bolt and remove battery positive (+) cable (red) from battery positive (+) terminal.
4. Using a T25 TORX® drive head, loosen bolt to move lip of hold-down clamp off edge of battery.
5. Remove battery from battery box.

CLEANING AND INSPECTION

Battery top must be clean and dry. Dirt and electrolyte on top of the battery can cause battery to self-discharge.

1. Clean battery top with a solution of baking soda (sodium bicarbonate) and water (5 teaspoons baking soda per quart or liter of water).
2. When the solution stops bubbling, rinse off the battery with clean water.
3. Clean cable connectors and battery terminals using a wire brush or sandpaper; Remove any oxidation.
4. Inspect the battery screws, clamps and cables for breakage, loose connections and corrosion; Clean clamps.
5. Check the battery posts for melting or damage caused by overtightening.
6. Inspect the battery for discoloration, raised top or a warped or distorted case, which might indicate that the battery has been frozen, overheated or overcharged.
7. Inspect the battery case for cracks or leaks.

BATTERY CHARGING

Safety Precautions

Never charge a battery without first reviewing the instructions for the charger being used. In addition to the manufacturer's instructions, follow these general safety precautions:

- Always wear proper eye, face and hand protection.
- Always charge batteries in a well-ventilated area.
- Turn the charger "OFF" before connecting the leads to the battery to avoid dangerous sparks.
- Never try to charge a visibly damaged or frozen battery.
- Connect the charger leads to the battery; red positive (+) lead to the positive (+) terminal and black negative (-) lead to the negative (-) terminal. If the battery is still in the vehicle, connect the negative lead to the chassis ground. Be sure that the ignition and all electrical accessories are turned off.
- Make sure that the charger leads to the battery are not broken, frayed or loose.
- If the battery becomes hot, or if violent gassing or spewing of electrolyte occurs, reduce the charging rate or turn off the charger temporarily.
- Always turn the charger "OFF" before removing charger leads from the battery to avoid dangerous sparks.

Charging Battery

Charge the battery if any of the following conditions exist:

- **Vehicle lights appear dim.**
- **Electric starter sounds weak.**
- **Battery has not been used for an extended period of time.**

WARNING

Always charge the battery in a well ventilated area. Explosive hydrogen gas escapes from the battery during charging. Keep open flames, electrical sparks and smoking materials away from the battery at all times. Failure to use care when working with batteries could result in death or serious injury.

CAUTION

If the battery releases an excessive amount of gas during charging, decrease the charging rate. If the battery gets hotter than 110°F. (43°C) during charging, discontinue charger and allow the battery to cool. Overheating may result in plate distortion, internal shorting, drying out or other damage.

1. See BATTERY TESTING section. Perform a voltmeter test to determine the state of charge. If battery needs to be charged, proceed to step 2.

CAUTION

Always remove the battery from the motorcycle before charging. Accidental electrolyte leakage will damage motorcycle parts.

2. See BATTERY DISCONNECTION AND REMOVAL section.
3. Remove the battery from the motorcycle.
4. Place the battery on a level surface.

WARNING

Always unplug or turn OFF the battery charger before connecting the charger clamps to the battery. Connecting clamps with the charger ON could cause a spark resulting in a battery explosion. A battery explosion may rupture the battery case causing a discharge or spray of sulfuric acid which could result in death or serious injury.

CAUTION

Do NOT reverse the charger connections described in the following steps or the charging system of the motorcycle could be damaged.

5. Connect the red battery charger lead to the positive (+) terminal of the battery.
6. Connect the black battery charger lead to the negative (-) terminal of the battery.

NOTE:

If the battery is still in the vehicle, connect the negative lead to the chassis ground. Be sure that the ignition and all electrical accessories are turned off.

7. See Table 11. Step away from the battery and turn on the charger.

WARNING

Always unplug or turn OFF the battery charger before disconnecting the charger clamps from the battery. Disconnecting clamps with the charger ON could cause a spark resulting in a battery explosion. A battery explosion may rupture the battery case causing a discharge or spray of sulfuric acid which could result in death or serious injury.

8. After the battery is fully charged, disconnect the black battery charger lead to the negative (-) terminal of the battery.
9. Disconnect the red battery charger lead to the positive (+) terminal of the battery.
10. Mark the charging date on the battery.

Table 11. Battery Charging Rates/Times

Battery Amp-Hour	State of Charge		3 Amp Charger	6 Amp Charger	10 Amp Charger	20 Amp Charger
	Voltage Reading	% of Charge				
28	12.8 V	100%	-	-	-	-
	12.6 V	75%	2.5 hours	1.25 hours	45 minutes	25 minutes
	12.3 V	50%	5 hours	2.5 hours	1.5 hours	50 minutes
	12.0 V	25%	7.5 hours	3.75 hours	2.25 hours	70 minutes
	11.8 V	0%	10 hours	5 hours	3 hours	1.5 hours

The figures listed above assume that the battery is charging at room temperature. If warmer than room temperature, use a slightly shorter charging time. If colder, use a slightly longer charging time.

The use of constant current chargers to charge sealed maintenance-free batteries is not recommended. Any overcharge will cause dry-out and premature battery failure. If a constant current charger is the only type available, do **not** exceed the charge times listed above and do **not** continue charging the battery if it gets hot. When charging, **never** exceed 15 volts for more than 30 minutes.

BATTERY INSTALLATION AND CONNECTION

WARNING

Always unplug or turn OFF the battery charger before connecting the charger clamps to the battery. Connecting clamps with the charger ON could cause a spark resulting in a battery explosion. A battery explosion may rupture the battery case causing a discharge or spray of sulfuric acid which could result in death or serious injury.

1. Place the fully charged battery into the battery box, terminal side forward.

WARNING

When making connections, be sure the jumper cable clamps do NOT accidentally touch each other or anything else, except correct battery terminals or appropriate ground. Failure to do so could result in death or serious injury.

CAUTION

Connect the cables to the correct battery terminals. Failure to do so may result in damage to the motorcycle electrical system.

WARNING

Always connect the positive (+) battery cable first. If the positive (+) cable should contact ground with the negative (-) cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

WARNING

Do NOT allow the positive (+) cable to contact ground with the negative (-) cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

CAUTION

Do NOT overtighten battery terminals bolts. Use recommended torque values. Failure to do so may result in damage to battery terminals.

2. Insert bolt through battery positive cable (red) into threaded hole of battery positive (+) terminal.
3. Tighten bolt to 60-96 in-lbs (6.8-10.8 Nm) torque.
4. Insert bolt through battery negative cable (black) into threaded hole of battery negative (-) terminal.
5. Tighten bolt to 60-96 in-lbs (6.8-10.8 Nm) torque.

CAUTION

Keep battery clean and lightly coat terminals with petroleum jelly to prevent corrosion. Failure to do so may result in damage to battery terminals.

6. Apply a light coat of petroleum jelly or corrosion retardant material to both battery terminals.
7. Rotate the hold-down clamp so that the lip (with rubber pad) rests on the edge of the battery.
8. Using a T-40 TORX® drive head, tighten the clamp bolt to 15-20 ft-lbs (20.3-27.1 Nm) torque.
9. See SEAT, Installation section.

WARNING

After installing seat, pull upward on front of seat to be sure it is locked in position. If seat is loose, it could shift during vehicle operation, resulting in loss of control of vehicle and death or serious injury.

10. Install seat.

BATTERY STORAGE

⚠ WARNING

Always store the battery out of the reach of children. Inadequate safety precautions could result in death or serious injury.

CAUTION

Do NOT allow the battery to completely discharge power. The electrolyte in a discharged battery will freeze if exposed to freezing temperatures. The more discharged a battery is, the more easily it can freeze. Failure to do so may result in a cracked battery case and buckle battery plates.

See BATTERY CHARGING section. If the motorcycle will not be operated for several months, such as during the winter season, remove the battery from the motorcycle and fully charge.

See Figure 53. Self-discharge is a normal condition and occurs continuously at a rate that depends on the ambient temperature and the battery's state of charge.

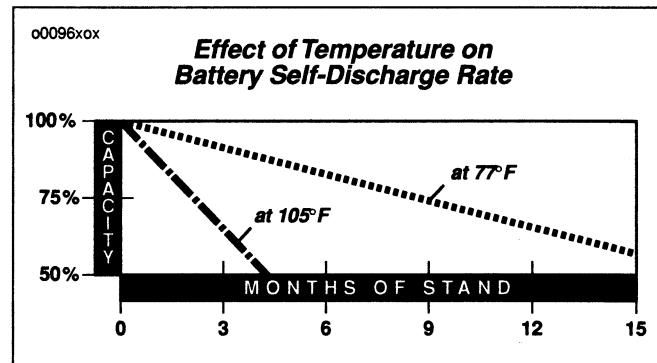


Figure 53. Battery Self-Discharging Rate

- Batteries discharge at a faster rate at higher ambient temperatures.
- To reduce the self-discharge rate, store battery in a cool (not freezing), dry place.
- Charge the battery every month if stored at temperatures below 60° F. (16° C).
- Charge the battery more frequently if stored in a warm area above 60° F. (16° C).

NOTE:

The Harley-Davidson Battery Tender Plus Automatic Battery Charger (Part No. 99863-93TA) may be used to maintain battery charge for extended periods of time without risk of overcharging or boiling.

When returning a battery to service after storage, refer to the instructions in BATTERY CHARGING section.

CAUTION

Do NOT trickle charge battery more than 24 hours at a time. Charging more than 24 hours at a time may result in equipment damage.

CAUTION

Do NOT add electrical accessories exceeding 13 amps draw. Damage to the electrical system and/or battery discharge may result. If you choose to exceed this limit, see your Harley-Davidson Dealer for necessary wiring changes.

NOTES

JUMP - STARTING PROCEDURE

Harley-Davidson does not recommend jump-starting a motorcycle; however we realize that there may be circumstances when it is done. Therefore, we suggest jump-starting be done as follows:

WARNING

When making battery connections, be sure the jumper cable clamps do **NOT** accidentally touch each other or anything else, except battery terminals or appropriate ground. Improper connections may cause a spark and battery explosion which could result in death or serious injury.

WARNING

Do **NOT** smoke or allow sparks while performing jumper cable procedures. Smoking or sparks could cause an explosion which could result in death or serious injury.

NOTE:

This procedure presumes the BOOSTER battery is in another vehicle.

CAUTION

All Harley-Davidson motorcycles have a 12 Volt battery and a 12 Volt electrical system. Be sure the booster vehicle has a 12 Volt system. Failure to do so may result in property damage.

1. Turn off **ALL** unnecessary lights and accessories.

Positive Cable

2. See Figure 54. Connect one end of a jumper cable to the **DISCHARGED** battery positive (+) terminal.
3. Connect the other end of the same cable to the **BOOSTER** battery positive (+) terminal.

Negative Cable

4. Connect one end of a jumper cable to the **BOOSTER** battery negative (-) terminal.

WARNING

Do NOT connect negative cable to or near the discharged battery negative terminal. Doing so could cause a spark and explosion, which could result in death or serious injury.

CAUTION

Do NOT connect the negative cable to painted or chrome parts. Doing so may result in discoloration at the attachment point.

5. Connect other end of the same cable to a safe ground, (away from the DISCHARGED battery).
6. Start motorcycle.
7. Disconnect cables in reverse order of steps 2, 3, 4, 5. That is: steps 5, 4, 3, 2.

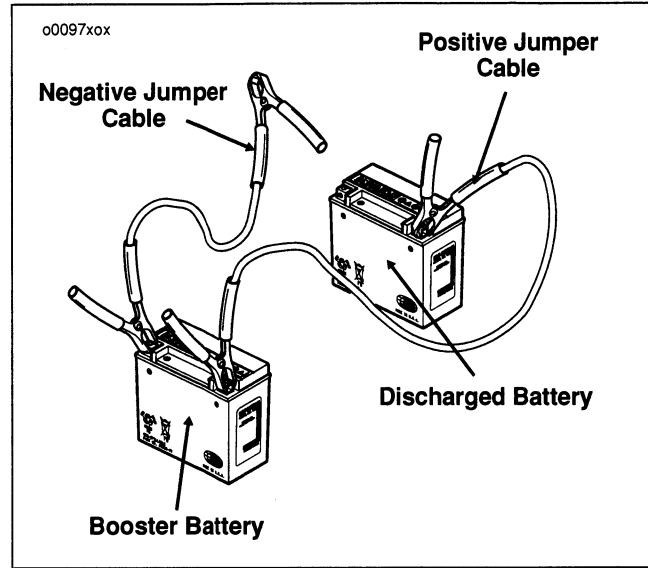


Figure 54. Jump Start Cable Connections

HEADLAMPS

The headlamps for the Screamin' Eagle® Road Glide® (FLTRSEI) model motorcycle are replaceable quartz halogen bulb type.

CAUTION

When replacement is required, use only the specified sealed beam unit or bulb, available from your Harley-Davidson Dealer. An improperly wattage sealed beam or bulb, may cause charging system problems.

WARNING

The bulb contains Halogen gas under pressure. Handle bulb carefully and wear eye protection. Failure to do so could result in death or serious injury.

Replacement

1. Remove the outer fairing. See OUTER FAIRING, Removal section.
2. See Figure 55. Squeeze two external tabs to disconnect headlamp harness connector from bulb harness.
3. Move outer fairing assembly to bench area.

NOTE:

Place protective material on top of front fender to protect paint from scratches or other damage.

4. See Figure 55. Remove bulb harness from headlamp socket.
5. Pull boot from headlamp socket.
6. See Figure 56. and Figure 56. Turn retainer counter-clockwise (CCW) and remove from headlamp assembly.

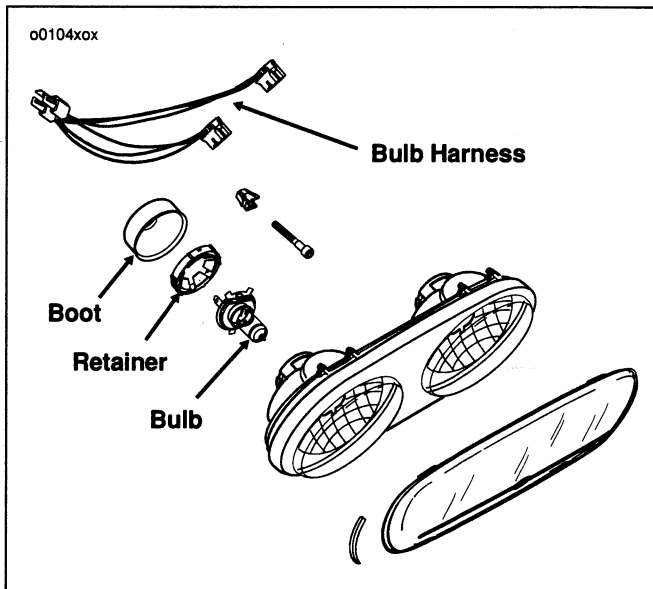


Figure 55. Headlamp

7. Wrap the light bulb with paper or clean dry cloth, and pull light bulb out of socket.

CAUTION

Never touch the quartz bulb with your fingers. Fingerprints will etch the glass and cause premature bulb failure. Always wrap the bulb with paper or a clean dry cloth during handling. Failure to do so may result in equipment damage.

8. Replace light bulb by pushing **new** bulb into light socket.
9. See Figure 57. Install keyed bulb socket into headlamp assembly.
10. Install retainer and turn clockwise (CW) to lock in place.
11. Slide boot around headlamp socket.
12. Reconnect bulb harness to headlamp socket.
13. Move outer fairing assembly to motorcycle.
14. Rest the outer fairing on the front fender with a protective material on top of the fender.
15. Connect the headlamp harness connector to bulb harness.

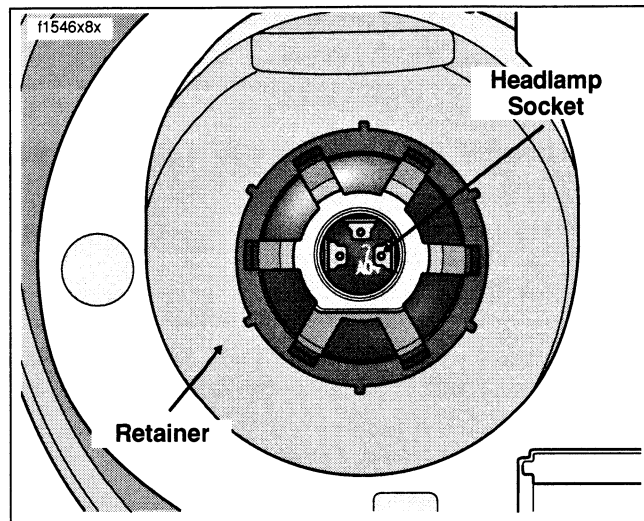


Figure 56. Bulb Retainer

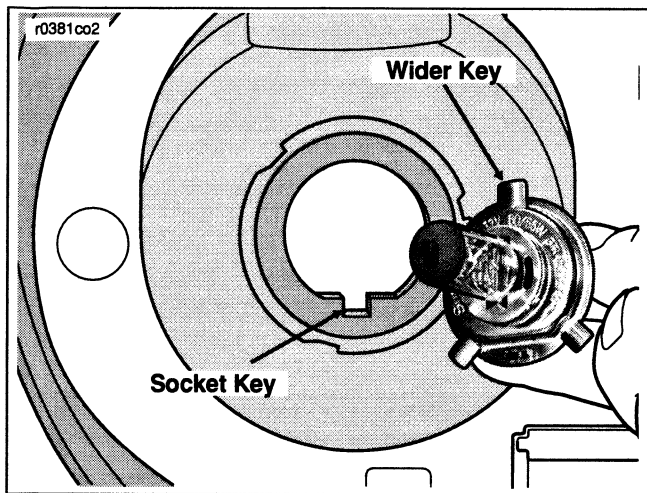


Figure 57. Lamp Housing

16. Install the outer fairing. See OUTER FAIRING, Installation.
17. See the service manual or your Harley-Davidson Dealer about headlamp assembly replacement.

OUTER FAIRING

Removal

NOTE:

Leave windshield in place during outer fairing removal.

1. Place protective material on top of front fender to protect paint from scratches or other damage.
2. See Figure 58. Standing on left side of vehicle, use a T-25 TORX® drive head to remove screw (item 1) just below glove compartment.
3. Remove screw (item 2) at edge of fairing outboard of the left speaker.
4. Loosen top left and right screws (items 3 & 4) just outboard of the fuel and volt gauges, respectively.
5. Remove screw (item 5) at edge of fairing outboard of the right speaker.
6. Remove screw (item 6) just below right side glove compartment.
7. See Figure 59. In area of front turn signal lamp, remove two acorn nuts with flat washers from studs. Repeat step on left side of vehicle.
8. See Figure 60. Turning handlebar to access stud plate, push on ends of studs to release stud plate from inboard side of left fairing support. Repeat step to remove stud plate from right fairing support.
9. Remove top left and right screws just outboard of the fuel and volt gauges, respectively (previously loosened).
10. Raise outer fairing slightly and then rest on protective fender pad.
11. Squeeze two external tabs to disconnect headlamp harness connector.

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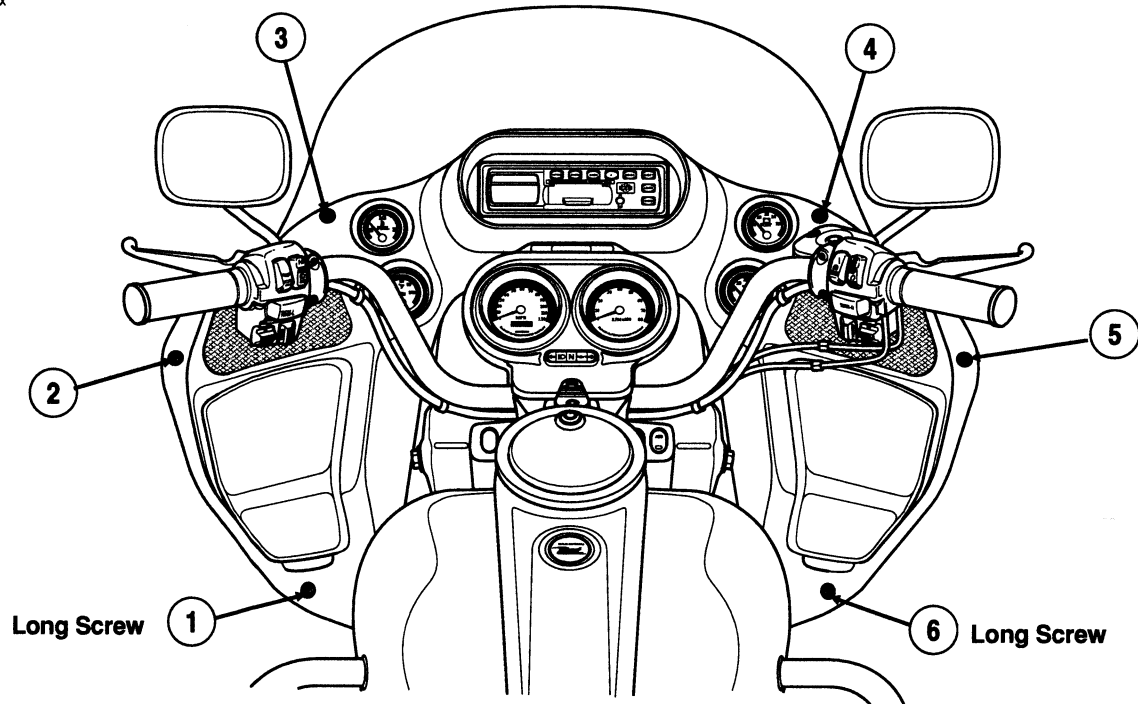


Figure 58. Outer Fairing Screws

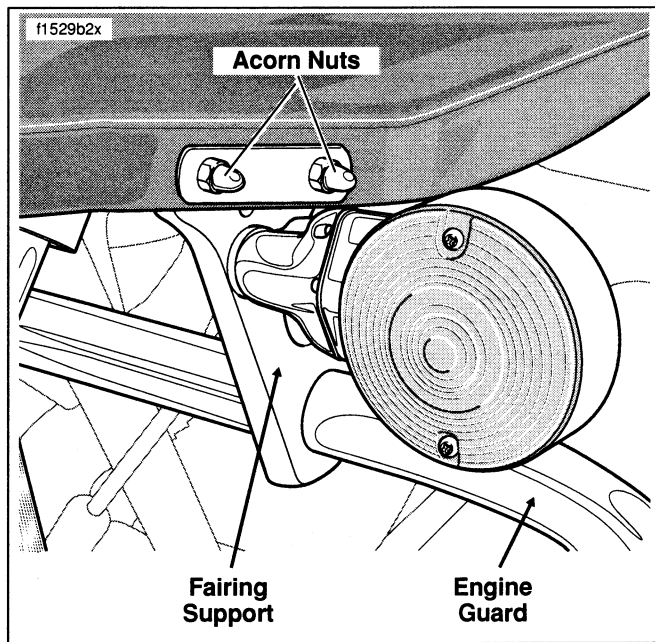


Figure 59. Acorn Nut Removal (Left Side)

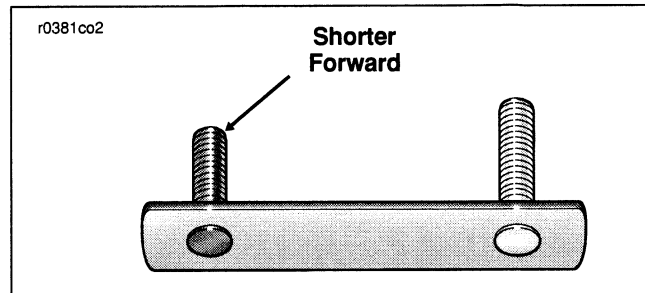


Figure 60. Stud plate

Installation

1. Place protective material on top of front fender to protect paint from scratches or other damage.
2. Rest outer fairing on protective fender pad and connect headlamp harness connector.
3. Place outer fairing into position against inner fairing. Two slots in outer fairing **must** fully engage hooks on radio bracket. Move harness conduit and wiring as necessary to ensure full engagement between outer and inner fairing.
4. Move to side of outer fairing to verify that alignment tabs are properly engaged. Alignment tabs on inner fairing must be positioned outboard of those on the outer fairing. Repeat step on opposite side of vehicle.
5. See Figure 58. Using a T25 TORX® drive head, start the top right (item 4) and left (item 3) screws just outboard of the volt and fuel gauges, respectively. Mounting bosses are painted white for easier alignment of screws.
6. See Figure 60. Standing on the left side of the vehicle, turn handlebar to access inboard side of left fairing support. With shorter stud in the forward position, slide studs on stud plate through holes in fairing support and then through holes in both inner and outer fairing.
7. See Figure 59. Install flat washers and acorn nuts on studs. Tighten acorn nuts to 40-50 **in-lbs** (4.5-5.7 Nm) torque. Repeat step to install stud plate on right side of vehicle.
8. Install the first of two long screws (item 6) just below the right side glove compartment.
9. Install screw (item 5) at edge of fairing outboard of the right speaker.
10. Moving to left side of vehicle, install the second of two long screws (item 1) just below the glove compartment.
11. Install screw (item 2) at edge of fairing outboard of the left speaker.
12. Alternately tighten four short fairing screws (items 2, 3, 4, & 5) to 6-12 **in-lbs** (0.7-1.4 Nm) torque.
13. Alternately tighten two long fairing screws (items 1 & 2) to 12-15 **in-lbs** (1.4-1.7 Nm) torque.

SEAT

Removal

1. Remove right side saddlebag. See SADDLEBAGS, Removal section.
2. Remove fastener (with flat washer) to remove passenger seat strap and saddlebag front mounting bracket from chrome frame tube cover.
3. Remove phillips screw to detach seat mounting bracket from top of rear fender.
4. See Figure 62. and Figure 63. Push seat rearward to free tongue at front of seat from slot in frame backbone.
5. Remove seat from frame.

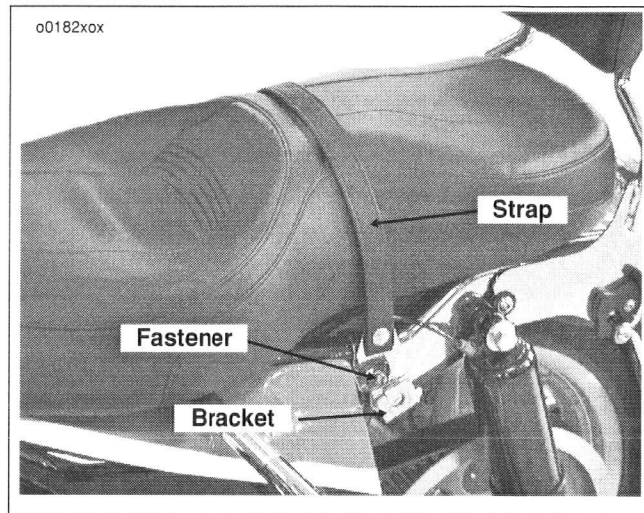


Figure 61. Passenger Seat Strap Mounting

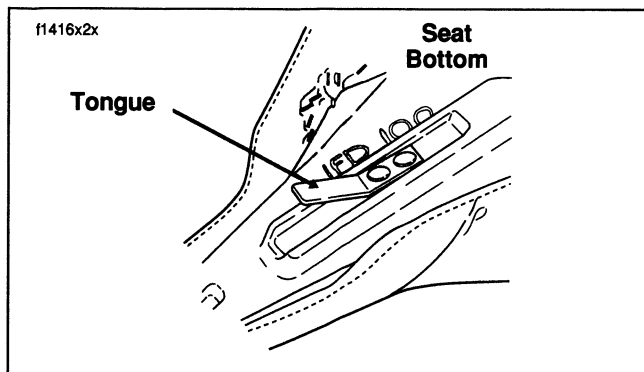


Figure 62. Seat Mounting Tongue

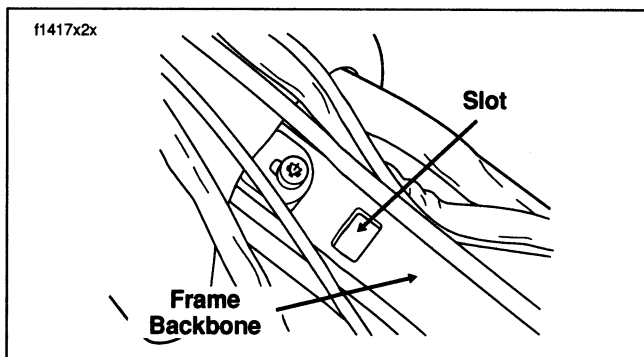


Figure 63. Seat Mounting Slot

Installation

1. See Figure 63. Place seat on frame backbone.
2. See Figure 62. Firmly push front of seat downward and rearward until tongue engages slot in frame backbone.
3. Push seat forward until rear fender seat retention nut is centered in hole of mounting bracket.
4. Install Phillips screw.

NOTE:

If the seat retention nut is damaged or lost, see SEAT, Retention Nut Replacement in the service manual for instructions.

! WARNING

After installing the seat, pull upward on the front of the seat to be sure it is locked into position. If seat is loose, it could shift during vehicle operation, resulting in loss of control of vehicle and death or serious injury.

MOTORCYCLE STORAGE

CAUTION

Proper long-term storage is important for the safe, trouble-free operation of your Harley-Davidson motorcycle. If you do not do these tasks yourself, contact your Harley-Davidson Dealer. Your dealer has the trained technicians who can complete the work according to Service Manual procedures using proper tools and equipment. Failure to do so may result in equipment damage.

PLACING MOTORCYCLE IN STORAGE

If the motorcycle will not be operated for several months, such as during the winter season, there are several things which should be done to protect parts against corrosion, to preserve the battery and to prevent the buildup of gum and varnish in the fuel system.

WARNING

Gasoline is extremely flammable and highly explosive under certain conditions. Use care when handling gasoline. Do NOT store motorcycle having gasoline in tank within the home or garage where open flames, pilot lights, sparks or electric motors are present. Doing so may cause an explosion or fire which could result in death or serious injury.

NOTE:

Make a list of everything you do and fasten it to a handgrip. When you take the motorcycle out of storage, this list will be your reference/checklist to get your motorcycle in operating condition.

1. Warm motorcycle to operating temperature; change oil and turn engine over to circulate the new oil.
2. Fill fuel tank and add a gasoline stabilizer. Use one of the commercially available gasoline stabilizers, following the manufacturer's instructions.

3. Run the engine until the gasoline stabilizer has had a chance to reach the fuel injectors.
4. Adjust the belt.
5. Check tire inflation. Adjust to proper inflation pressure. Wash and wax painted and chrome surfaces.
6. See BATTERY section for proper battery care. Remove battery from the motorcycle and charge. Store the battery above freezing temperatures, trickle charge once a month.
7. See Figure 64. If motorcycle is to be covered, use a material such as light canvas or the cover provided with the vehicle. Select a material which will breath. Plastic materials which do not breath promote the formation of condensation.

! WARNING

Always charge the battery in a well ventilated area. Explosive hydrogen gas escapes from the battery during charging. Keep open flames, electrical sparks and smoking materials away from the battery at all times. Failure to do so could result in death or serious injury.

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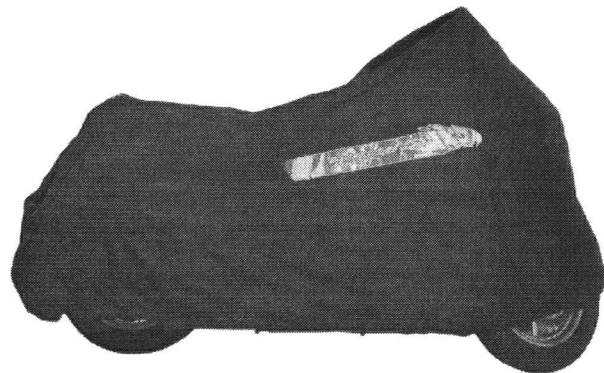


Figure 64. Screamin'® Eagle® Motorcycle Cover

REMOVING MOTORCYCLE FROM STORAGE

WARNING

After extended periods of storage and prior to starting vehicle, place transmission in gear, disengage clutch and push vehicle back and forth a few times to ensure proper clutch disengagement. Failure to do so may result in death or serious injury.

1. See BATTERY section for proper battery care. Charge and install it.
2. Remove and inspect the spark plugs. Replace if necessary.
3. Clean the air cleaner element.
4. Start the engine and run until it reaches normal operating temperature. Turn off engine.
5. Check amount of oil in the oil tank.
6. Check the transmission lubricant level.
7. Check controls to be sure they are operating properly. Operate the front and rear brakes, throttle, clutch and shifter.
8. Check steering for smoothness by turning the handlebars through the full operating range.

WARNING

Maintain proper tire pressure; including wheel and tire balance. Inspect your tires periodically and replace tires with approved tires only. (See your Harley-Davidson Dealer.) Failure to do so can lead to improper balance, abnormal tread wear, poor handling and could result in death or serious injury.

9. Check tire pressure. Incorrect pressure will result in poor riding characteristics and can affect handling and stability.
10. Check all electrical equipment and switches including the stop lamp, turn signals and horn for proper operation.
11. Check for any fuel, oil or brake fluid leaks.

CAUTION

Turn engine over a few times to be sure there is no oil in the crankcase and that all oil has been pumped back into the oil tank. Stop engine and re-check oil level. Failure to do so may result in equipment damage.

GENERAL MAINTENANCE

Chrome and aluminum parts must be maintained regularly to ensure that they retain their original shine and luster. Care should be taken to keep your new Harley-Davidson motorcycle cleaned and waxed as often as possible to inhibit rust and corrosion.

NOTE:

Many Harley-Davidson accessories and seats are either made of leather or have leather inserts. Natural materials age differently and require different care than man-made materials. Seat covers and panels made of leather will gain "character", such as wrinkles, with age. Leather is porous and organic and each leather product will settle into its own distinct form with use. Your leather product will mature into its own custom shape and style from the sun, rain and the miles. This maturing is natural and will enhance the custom quality of your Harley-Davidson motorcycle.

CLEANING YOUR MOTORCYCLE

To aid you in keeping your motorcycle clean, see your Harley-Davidson Dealer for cleaning, polishing and waxing products.

WARNING

Observe warnings and cautions given on labels of cleaning compounds. Failure to do so could result in death or serious injury.

WARNING

Do NOT wash your brake discs with any cleaners that contain either chlorine or silicon. Chlorine will cause rust, while silicon will make the brake discs slick and impair brake function. Poor brake performance could result in death or serious injury.

WARNING

When washing your motorcycle, be careful not to get the brakes too wet. Wet brake pads or a wet disc may affect braking. Be sure brakes are operating properly before riding in traffic. Poor brake performance could result in death or serious injury.

LEATHER CARE

Leather must be periodically cleaned and treated to maintain its appearance and extend its life. Clean and treat leather once a season or more frequently under adverse conditions.

CAUTION

Do NOT use bleach or detergents containing bleach on saddlebags, seats or tank panels. Failure to do so may result in equipment damage.

- Do not use ordinary soap to clean leather or fur. It could dry or remove the oils from the leather.
 - Use **ONLY** a good quality saddle soap to clean leather. Be sure you rinse saddle soap off thoroughly before treating leather.
 - Never try to dry leather quickly, using artificial means. Always let leather dry naturally, at room temperature.
1. Vacuum or blow dust off.
 2. Thoroughly clean leather with a good quality saddle soap, following manufacturer's directions. Rinse thoroughly with clean sponge or cloth and water. Allow leather to dry.

3. Once leather is dry, treat with a good quality leather treatment, such as **Harley-Davidson Leathercare®**.
4. Always allow leather to dry completely before using.

CLOTH CARE

1. Vacuum or blow dust off.
2. Use mild soap and warm water for more difficult stains on the cloth. Rinse thoroughly. Always allow cloth to dry completely before using.

VINYL CARE

Wash with a good quality detergent or S100®. Treat with Mothers Preserves® or a quality vinyl treatment.

WHEEL CARE

To maintain the original luster and appearance of the wheels on your Harley-Davidson motorcycle, care should be taken to keep them clean and polished as often as possible to inhibit rust and corrosion.

The spokes of our laced wheels are plated. This plating can be damaged by harsh chemicals, acid based wheel cleaners, brake dust and lack of maintenance. Regular washing and the use of a corrosion protectant will help to maintain their original appearance. Aluminum wheels (spoked and disc) do not have clear coat on any of the machined surfaces. For this reason it is imperative that the wheels are washed and waxed weekly to prevent pitting and corrosion. Harsh chemical washes, brake dust, road salts and lack of maintenance can quickly cause pitting and corrosion to appear.

The use of a corrosion protectant will also aid in preserving the appearance of the aluminum wheel.

NOTE:

Corrosion of these components is not considered to be a defect in materials or workmanship.

See your Harley-Davidson Dealer for cleaning, polishing and waxing products.

WHITEWALL TIRES



When washing vehicle, be careful not to get the brakes wet. Wet brake system pads and/or discs could adversely affect braking performance which could result in death or serious injury.

Use a good quality, commercial whitewall cleaner and follow the manufacturer's directions.

WINDSHIELD

CAUTION

Harley-Davidson windshields are made of Lexan® and are more durable and distortion-resistant material than other types of motorcycle windshield material. Lexan® still requires attention and care to maintain. Failure to maintain your windshield may result in damage to the windshield.

CAUTION

Do NOT use harsh chemicals including rain sheeting products on Harley-Davidson windshields. They may cause dulling or hazing. If you want to use a windshield protectant on your windshield, try Harley Glaze Polish and Sealant.®

CAUTION

Do NOT use benzine, paint thinner, gasoline or any other types of harsh cleaner on the windshield. Doing so will damage the windshield surface.

NOTE:

To remove minor surface scratches use NOVUS® No. 2 Scratch Remover (Part No. 99836-94T).

Covering the windshield with a clean, wet cloth for approximately 15-20 minutes before washing will make dried bug removal easier.

1. Use mild soap and warm water to wash the windshield.
2. Wipe dry with a soft, clean towel.

LUBRICATE - HINGES, LATCHES, FUEL DOOR, TOUR-PAK, SADDLEBAGS

Lubricate the rub points of latches and hinges using either Teflon Precision Lubricator® or Tri-flow® every 5,000 miles (8,000 km).

These lubricants resist attracting dust.

See Figure 65. Lubricate the “fingers” on the saddlebag latches, where they engage the hinge.

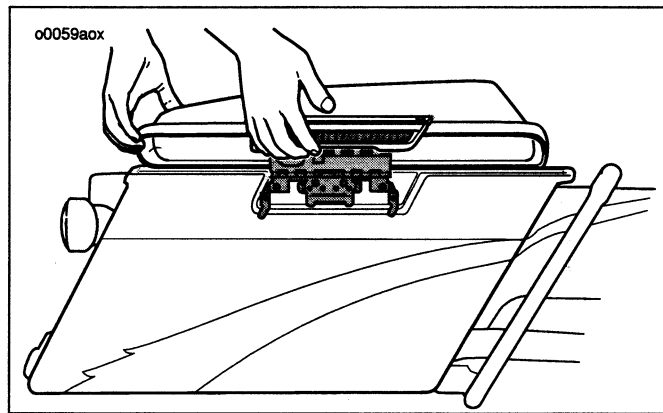


Figure 65. Saddlebag Latch

NOTES

GENERAL

The following checklist of possible operating troubles and their probable causes will be helpful in keeping your motorcycle in good operating condition. More than one of these conditions may be causing trouble and should be carefully checked.

WARNING

The troubleshooting section of this Owner's Manual is intended solely as a guide to diagnosing problems. Carefully read the appropriate sections of this manual before performing any work. Repair and maintenance operations not listed in this Owner's Manual are in the Service Manual and should be performed by your Harley-Davidson Dealer. Improper repair and/or maintenance could result in death or serious injury.

ENGINE

Starter Does Not Operate or Does Not Turn Engine Over

1. Engine run switch in "OFF" position.
2. Ignition switch not "ON."
3. Discharged battery or loose or corroded connections (solenoid chatters).

Engine Turns Over But Does Not Start

1. Fuel tank empty.
2. Discharged battery or loose or broken battery terminal connections.
3. Fouled spark plugs.
4. Spark plug cable connections loose or in bad condition and shorting.
5. Loose or corroded wire or cable connection(s) at coil or battery.
6. Engine oil too heavy (winter operation).
7. Fuel pump inoperative (If applicable).

Starts Hard

1. Spark plugs in bad condition, have improper gap, or are partially fouled.
2. Spark plug cables in bad condition and leaking.
3. Battery nearly discharged.
4. Loose wire or cable connection(s) at one of the battery terminals or at coil.
5. Engine oil too heavy (winter operation).
6. Ignition not timed properly. See dealer.
7. Fuel tank vent plugged or fuel line closed off, restricting fuel flow.
8. Water or dirt in fuel system.

Starts But Runs Irregularly or Misses

1. Spark plugs in bad condition or partially fouled.
2. Spark plug cables in bad condition and leaking.
3. Spark plug gap too close or too wide.
4. Battery nearly discharged.
5. Damaged wire or loose connection at battery terminals or coils.
6. Intermittent short circuit due to damaged wire insulation.
7. Water or dirt in fuel system.
8. Fuel vent system plugged. See dealer.

A Spark Plug Fouls Repeatedly

1. Incorrect spark plug.

Pre-ignition or Detonation (Knocks or Pings)

1. Incorrect fuel.
2. Incorrect spark plug for the kind of service.

Overheats

1. Insufficient oil supply or oil not circulating.
2. Heavy carbon deposit from "lugging" engine. See dealer.
3. Ignition timing retarded. See dealer.

Excessive Vibration

1. Stabilizer links worn or loose. See dealer.
2. Engine isolation mounts loose. See dealer.
3. Rear fork pivot shaft nuts loose. See dealer.
4. Front engine mounting bolts loose. See dealer.
5. Engine to transmission mounting bolts loose. See dealer.
6. Broken frame. See dealer.
7. Belt badly worn.
8. Wheels and/or tires damaged. See dealer.
9. Vehicle not properly aligned. See dealer.

LUBRICATION SYSTEM

Oil Does Not Return to Oil Tank

1. Oil tank empty.
2. Restricted oil lines or fittings. See dealer.
3. Restricted oil filter. See dealer.

Engine Leaks Oil From Cases, Push Rods, Hoses

1. Loose parts. See dealer.
2. Imperfect seal at gaskets, push rod cover, washers, etc. See dealer.
3. Restricted oil return line to tank. See dealer.

ELECTRICAL SYSTEM

Alternator Does Not Charge

1. Module not grounded. See dealer.
2. Engine ground wire loose or broken. See dealer.
3. Loose or broken wires in charging circuit. See dealer.

Alternator Charge Rate is Below Normal

1. Weak battery.
2. Excessive use of add-on accessories.
3. Loose or corroded connections.
4. Extensive periods of idling or low speed riding.

TRANSMISSION

Transmission Shifts Hard

1. Bent shifter rod. See dealer.
2. Transmission shifting mechanism needs adjustment. See dealer.

Transmission Jumps Out of Gear

1. Shifter rod improperly adjusted. See dealer.
2. Shifter forks (inside transmission) improperly adjusted. See dealer.
3. Worn shifter dogs in transmission. See dealer.

Clutch Slips

1. Clutch controls improperly adjusted. See dealer.
2. Worn friction discs. See dealer.
3. Insufficient clutch spring tension. See dealer.

Clutch Drags or Does Not Release

1. Clutch controls improperly adjusted. See dealer.
2. Insufficient clutch spring tension. See dealer.
3. Transmission case overfilled.
4. Clutch discs warped. See dealer.

Clutch Chatters

1. Friction discs or steel discs worn or warped. See dealer.

BRAKES

NOTES

Brakes Do Not Hold Normally

1. Master cylinder low on fluid. See dealer.
2. Brake line contains air bubbles. See dealer.
3. Master or wheel cylinder piston worn. See dealer.
4. Brake pads contaminated with grease or oil. See dealer.
5. Brake pads badly worn (.04 in. minimum lining thickness). See dealer.
6. Brake disc badly worn or warped. See dealer.
7. Brake fades because of heat build up. Excessive braking or brake pads dragging. See dealer.
8. Brake drags. Insufficient hand lever free play. See dealer.

NOTES

WARRANTY AND MAINTENANCE

See MAINTENANCE RECORDS section. This Owner's Manual contains your new motorcycle warranty and a number of tear-out service coupons.

Each coupon is a scheduled mileage interval that contains a specific maintenance checklist for upkeep of your motorcycle. It is the owner's responsibility to follow the scheduled mileage intervals as specified; all of the specified maintenance services must be performed to keep your warranty valid.

1. Make an appointment with your Harley-Davidson Dealer for inspection and service just before you have ridden 1000 miles (1600 km).
2. Bring this Owner's Manual with you when you visit your dealer to have your motorcycle inspected and serviced.
3. Have the owner record stubs dated and signed for required proof of service during the warranty period.

The dealer records should be retained by the dealer and owner, as proof of proper maintenance.

4. Keep receipts covering any parts, service or maintenance performed.

These records should be transferred to each subsequent owner.

WARNING

Harley-Davidson cautions you against the use of non-standard parts such as after-market and custom made extended front forks which may adversely affect performance and handling. The use of any non-standard parts including mufflers may void your warranty according to terms of the warranty. Removing or altering factory installed standard parts may adversely affect performance which could result in death or serious injury.

Harley-Davidson Dealerships are independently owned and operated and may sell parts and accessories that are not manufactured or approved by Harley-Davidson®. Therefore, you should understand that we are not and cannot be responsible for the quality, suitability, or safety of any non-Harley-Davidson part, accessory or design modification, including labor, which may be sold and/or installed by our dealers.

OWNER'S IDENTIFICATION CARD

See Figure 66. A permanent Owner's Identification Card is issued to each Harley-Davidson new motorcycle owner when the completed warranty registration form is received at Harley-Davidson Motor Company.

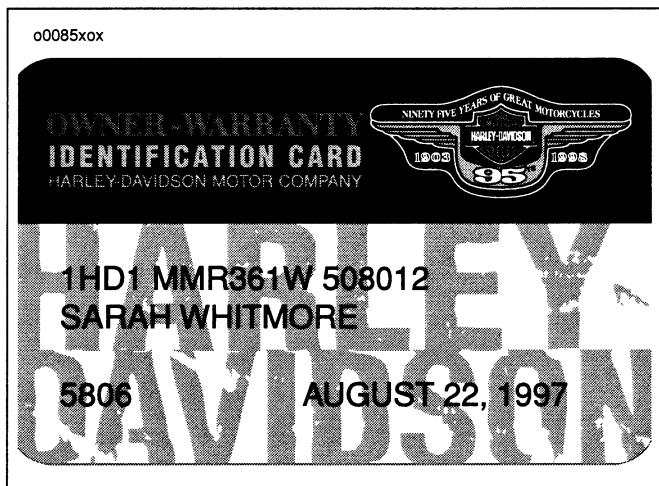


Figure 66. Owner's Warranty Identification Card

The Owner's Identification Card is a permanent record showing proof of ownership. It gives information necessary for you and your dealer to find information when obtaining parts and accessories, while expediting service.

- Keep this card in your possession; it is required by your Harley-Davidson Dealer for any warranty service performed on your motorcycle.
- If you have questions regarding service or warranty, we recommend that you contact your Harley-Davidson Dealer for service.

KEEPING IT ALL HARLEY

1. Keep your Harley-Davidson completely Harley-Davidson.
2. Insist that your dealer uses only Genuine® replacement parts to keep your Harley-Davidson motorcycle and its warranty intact.

Exact design and stringent testing ensure performance and warranty coverage. Again, insist on Genuine parts for your genuine Harley-Davidson motorcycle.

NOTE:

Installing off-road or competition parts to enhance performance may void your new motorcycle warranty. See your Harley-Davidson Dealer for details.

CAUTION

It is possible to overload your motorcycle's charging system by adding too many electrical accessories. If your combined electrical accessories consume more electrical current than your vehicle's charging system can produce, the electrical consumption can discharge the battery and cause vehicle electrical system damage. Ask your dealer for advice about the amount of current consumed by additional electrical accessories.

IMPORTANT MOVING INFORMATION

If you move from your present address, or sell your motorcycle, please fill out and mail the post card at the back of this manual. This is necessary in the event that the Company needs to contact the owner concerning information that could affect the safe operation of this motorcycle.

CALIFORNIA EVAPORATIVE EMISSION CONTROL

All new model year 2000 Harley-Davidson motorcycles sold in the state of California are equipped with an evaporative emission control system. This system is designed to meet the CARB regulations in effect at the time of manufacture.

The system requires a small amount of maintenance. Periodic inspection is required to make sure hoses are properly routed, not kinked or blocked, and that all fittings are secure. Mounting hardware should also be checked periodically for tightness.

EPA NOISE REGULATIONS

EPA noise regulations require that the following statements be included in the Owner's Manual.

TAMPERING WITH NOISE CONTROL SYSTEM PROHIBITED: Federal law prohibits the following acts or the causing thereof: (1) The removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW.

1. Replacing the muffler(s) and/or the entire exhaust system with parts not certified to be noise legal for street use.
2. Removing or modifying the muffler internal baffles in any way.
3. Replacing the air intake/cleaner assembly with one not certified to be noise legal for street use.
4. Modifying the air intake/cleaner assembly in such a way as to make the vehicle no longer noise legal for street use.

Harley-Davidson recommends that any and all noise related maintenance be done by an authorized Harley-Davidson Dealer using genuine Harley-Davidson parts.

WARRANTY/SERVICE INFORMATION

Any authorized Harley-Davidson Dealer is responsible for providing the warranty repair work on your motorcycle. If you have any questions regarding warranty obligations contact your selling dealer.

For normal service work or warranty work under the above conditions, you may obtain the name and location of your nearest U.S. Harley-Davidson Dealer by calling 1-800-490-9635 (toll free), in any state except Alaska and Hawaii.

NOTE:

The number shown above is accessible only with a touch-tone phone.

REPORTING SAFETY DEFECTS

NOTES

Safety defects must be reported to the National Highway Traffic Safety Administration (NHTSA) and Harley-Davidson.

NHTSA STATEMENT

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Harley-Davidson.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Harley-Davidson.

To contact NHTSA, you may either call the Auto Safety Hot Line toll-free at 1-800/424-9393 (or 366-0123 in Washington D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the hot line.

HARLEY-DAVIDSON LIMITED WARRANTY

(12 MONTHS/UNLIMITED MILEAGE)

Harley-Davidson Warrants to the first retail purchaser and authorized transferees of our new 2000 model motorcycles/sidecars that any authorized Harley-Davidson Dealer will repair or replace without charge any parts (except tires, maintenance items and battery under certain conditions) found under normal use in the U.S.A. or Canada to be defective in factory materials or workmanship, and upon the following terms and conditions:

DURATION AND TRANSFER

1. The duration of this limited warranty is twelve months, measured from the date of initial retail purchase from an authorized Harley-Davidson Dealer.
2. Any unexpired portion of this limited warranty may be transferred, with written authorization, upon the resale of the motorcycle/sidecar during the warranty period. To obtain authorization, a transfer application must be filed with Harley-Davidson and the motorcycle/sidecar must pass inspection by one of our authorized Dealers. The customer is responsible for any charge incurred for work performed by the Dealer beyond the inspection procedure itself. (See your Harley-Davidson Owner's Manual for complete details.)

OWNER OBLIGATIONS

3. To qualify for warranty protection, you and the selling Dealer must complete the Warranty Registration Form and return it to us within 10 days after delivery. We will then send you an Owner-Warranty Identification Card.
4. To obtain warranty service, return your motorcycle/sidecar at your expense within the warranty period to any authorized Dealer. You must be able to present your Owner-Warranty Identification Card and/or Owner's Manual upon our Dealer's request. Our Dealer should be able to provide warranty service during normal business hours and as soon as possible,

depending upon the workload of the Dealer's service department and the availability of necessary parts.

EXCLUSIONS

This warranty will not apply to any motorcycle/sidecar as follows:

1. Which has not been operated or maintained as specified in the Owner's Manual.
2. Which has been abused, altered outside of original factory specifications, improperly stored or used "off the highway", for racing or competition of any kind.
3. Which has had the odometer removed or tampered with.

OTHER LIMITATIONS

This warranty does not cover:

1. Parts and labor for normal maintenance as recommended in the Owner's Manual, including such items as the following: lubrication, oil and filter change, fuel system cleaning, battery maintenance, engine tune-up, spark plugs, light bulbs, brake, clutch and chain/belt adjustment (including chain replacement).
2. Seats, saddlebags, paint, chrome, or trim deterioration caused by ordinary wear and tear, exposure or improper maintenance.

IMPORTANT/READ CAREFULLY

1. Our Dealers are independently owned and operated and may sell other products. Because of this, HARLEY-DAVIDSON IS NOT RESPONSIBLE FOR THE SAFETY, QUALITY, OR SUITABILITY OF ANY NON-HARLEY-DAVIDSON PART, ACCESSORY OR DESIGN MODIFICATION INCLUDING LABOR WHICH MAY BE SOLD AND/OR INSTALLED BY OUR DEALERS.
2. THERE IS NO OTHER EXPRESS WARRANTY (OTHER THAN EMISSIONS AND NOISE WARRANTIES) ON THE MOTORCYCLE. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS IS LIMITED TO THE DURATION OF THIS WARRANTY.
3. TO THE FULLEST EXTENT ALLOWED BY LAW, HARLEY-DAVIDSON AND ITS DEALERS SHALL NOT BE LIABLE FOR LOSS OF USE, INCONVENIENCE, LOST TIME, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.
4. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Harley-Davidson Motor Company ■ P.O. Box 653 ■ Milwaukee, Wisconsin 53201, U.S.A.

DOI 10.1002/for

LIMITED WARRANTY TRANSFER FORM

EFFECTIVE AS OF 8-1-92

| | | | |

NAME:			
PRINT	INITIAL	LAST	
ADDRESS			
CITY		STATE	ZIP

THE WARRANTY EXPIRATION DATE IS 12 MONTHS FROM THE DATE OF THE FIRST RETAIL SALE TO THE ORIGINAL OWNER. NO WARRANTY TRANSFER WILL BE AUTHORIZED AFTER THE WARRANTY EXPIRATION DATE.

To validate the warranty transfer, the following conditions must be complied with:

1. The prior owner must provide proof that required maintenance services have been performed in the event they have not, it is the responsibility of the customer to have the past scheduled maintenance service performed, or any other required work performed at his/her expense. The warranty transfer shall not be effective unless and until such required work is performed.
2. The vehicle must be inspected by an authorized Harley-Davidson dealer to determine its condition. If any of the conditions listed under Exclusions in the Limited Warranty apply, the warranty is NOT transferable.
3. The Limited Warranty Transfer Form must be completed and forwarded to Harley-Davidson Motor Company, by the authorized dealer, along with an individual check for each \$100.00 Transfer Fee, within 30 days of the date of sale (to the above referenced purchaser). A copy of the bill of sale must also accompany the transfer form indicating the date of purchase, from whom the vehicle was purchased, and the vehicle identification number. No warranty repairs will be made until the transfer information has been completely received and processed. Once this information has been received, the purchaser will be mailed an Owner-Warranty Identification Card.

Note: Transfers received after the 30-day transfer period will not be accepted.

PURCHASER SIGNATURE _____

DATE _____

DEALER SIGNATURE _____

DATE _____

DEALER NUMBER

NAME

ADDRESS

CITY STATE ZIP

DEFERRING DEALER INSPECTION INFORMATION

INSPECTION

VEHICLE MILEAGE AT TIME OF INSPECTION:

Is a vehicle visually stock?

□

Y

☐

2

If vehicle is not visually stock, what is different?

NOTE: ATTACH THE \$100.00 TRANSFER FEE TO THIS FORM

HARLEY-DAVIDSON MOTOR COMPANY USE ONLY

TRANSFER
FEE RECEIVED

Copy Distribution: WHITE - Harley-Davidson Motor Company YELLOW - Customer PINK - Dealer

Limited Warranty Transfer
Applications are available from
your Harley-Davidson Dealer

HARLEY-DAVIDSON EMISSION CONTROL SYSTEM WARRANTY

The following warranty applies to the emission control system and is in addition to the LIMITED WARRANTY, and NOISE CONTROL SYSTEM WARRANTY.

Harley-Davidson Motor Company warrants to the first owner and each subsequent owner that this vehicle is designed and built so as to conform at the time of sale with applicable regulations of the U.S. Federal Environmental Protection Agency at the time of manufacture and that it is free from defects in materials and workmanship which cause this motorcycle not to meet U.S. Environmental Protection Agency Standards within 5 years or 18,641 miles (30,000 kilometers) whichever occurs first.

The warranty period shall begin on the date the motorcycle is delivered to the first retail purchaser or, if the motorcycle is placed in service as a demonstrator or company vehicle prior to sale at retail, on the date it is first placed in service.

THE FOLLOWING ITEMS ARE NOT COVERED BY THE EMISSION CONTROL SYSTEM WARRANTY:

1. Failures which arise as a result of misuse, alterations, accident or non-performance of maintenance as specified in the Owner's Manual.
2. The replacement of parts (such as spark plugs, fuel and oil filters, etc.) used in required maintenance.
3. Loss of time, inconvenience, loss of motorcycle use or other consequential damages.
4. Any motorcycle on which the odometer mileage has been changed so that the mileage cannot be determined.

RECOMMENDATIONS FOR REQUIRED MAINTENANCE

IT IS RECOMMENDED THAT ANY EMISSION SYSTEM MAINTENANCE BE PERFORMED BY AN AUTHORIZED HARLEY-DAVIDSON DEALER USING GENUINE HARLEY-DAVIDSON REPLACEMENT PARTS. THE MAINTENANCE, REPLACEMENT OR REPAIR OF THE EMISSION CONTROL SYSTEM MAY BE PERFORMED BY ANY OTHER QUALIFIED SERVICE OUTLET OR INDIVIDUAL. NON-GENUINE PARTS MAY BE USED ONLY IF SUCH PARTS ARE CERTIFIED TO COMPLY WITH U.S. ENVIRONMENTAL PROTECTION AGENCY STANDARDS.

Harley-Davidson Motor Company, P.O. Box 653 Milwaukee, Wisconsin 53201, U.S.A.

HARLEY-DAVIDSON NOISE CONTROL SYSTEM WARRANTY

The following warranty applies to the noise control system and is in addition to the LIMITED WARRANTY, and EMISSION CONTROL SYSTEM WARRANTY.

Harley-Davidson Motor Company warrants to the first owner and each subsequent owner that this vehicle is designed and built so as to conform at the time of sale with applicable regulations of the U.S. Environmental Protection Agency (as tested following F-76 Drive-By test procedure) at the time of manufacture and that it is free from defects in materials and workmanship which cause this motorcycle not to meet U.S. Environmental Protection Agency Standards within 1 year or 3,730 miles (6,000 kilometers) whichever occurs first.

The warranty period shall begin on the date the motorcycle is delivered to the first retail purchaser or, if the motorcycle is placed in service as a demonstrator or company vehicle prior to sale at retail, on the date it is first placed in service.

THE FOLLOWING ITEMS ARE NOT COVERED BY THE NOISE CONTROL SYSTEM WARRANTY:

1. Failures which arise as a result of misuse, alterations, or accident as specified in the Owner's Manual.
2. Replacing, removing, or modifying any portion of the NOISE CONTROL SYSTEM (consisting of the exhaust system and air intake/cleaner assembly) with parts not certified to be noise legal for street use.
3. Loss of time, inconvenience, loss of motorcycle use or other consequential damages.
4. Any motorcycle on which the odometer mileage has been changed so that the mileage cannot be determined.

RECOMMENDATIONS FOR REQUIRED MAINTENANCE

IT IS RECOMMENDED THAT ANY NOISE SYSTEM MAINTENANCE BE PERFORMED BY AN AUTHORIZED HARLEY-DAVIDSON DEALER USING GENUINE HARLEY-DAVIDSON REPLACEMENT PARTS. THE MAINTENANCE, REPLACEMENT OR REPAIR OF THE NOISE CONTROL SYSTEM MAY BE PERFORMED BY ANY OTHER QUALIFIED SERVICE OUTLET OR INDIVIDUAL. NON-GENUINE PARTS MAY BE USED ONLY IF SUCH PARTS ARE CERTIFIED TO COMPLY WITH U.S. ENVIRONMENTAL PROTECTION AGENCY STANDARDS.

Harley-Davidson Motor Company, P.O. Box 653 Milwaukee, Wisconsin 53201, U.S.A.

NOTES

REGULAR SERVICE INTERVALS

Regular lubrication and maintenance will help keep your new Harley-Davidson operating at peak performance. Your Harley-Davidson Dealer knows best how to service your motorcycle with factory approved methods and equipment assuring you of thorough and competent workmanship.

NOTE:

See MAINTENANCE RECORDS. Regular maintenance interval operations are required to keep your new motorcycle warranty in force. The use of other than Harley-Davidson approved parts and service procedures may void the warranty. Any alterations to the emission system components, such as the carburetor and exhaust system, may be in violation of Federal and State laws.

WARNING

Follow regular maintenance intervals. The regular maintenance intervals given in this manual are intended to be used as guidelines for service. Failure to follow regular maintenance intervals could result in death or serious injury.

WARNING

Use care under adverse conditions (severe cold, extreme heat, very dusty environment, very bad roads, through standing water, etc.). If you operate your motorcycle under adverse conditions, you should perform the regular maintenance intervals more frequently to ensure the safe operation of your motorcycle. Failure to maintain your motorcycle could result in death or serious injury.

NOTES

FIRST SCHEDULED MAINTENANCE

Harley-Davidson Screamin' Eagle® Road Glide® model (FLTRSEI) requires first scheduled maintenance at 1,000 miles (1,600 km).

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

FIRST SCHEDULED MAINTENANCE

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ Mileage _____

DEALER RECORD

MAINTENANCE RECORDS

FIRST SCHEDULED MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean magnetic drain plug.
- ☐7. Check and adjust rear drive belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check and clean battery connections.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check stabilizer links and engine mounts.
- ☐17. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐18. Check rear fork pivot nut tightness. See dealer.
- ☐19. Check engine idle speed adjustment.
- ☐20. Check front fork bearing adjustment. See dealer.
- ☐21. Road test.

FIRST SCHEDULED MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean magnetic drain plug.
- ☐7. Check and adjust rear drive belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check and clean battery connections.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check stabilizer links and engine mounts.
- ☐17. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐18. Check rear fork pivot nut tightness. See dealer.
- ☐19. Check engine idle speed adjustment.
- ☐20. Check front fork bearing adjustment. See dealer.
- ☐21. Road test.

**2,500 MILE
(4,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**2,500 MILE
(4,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

2,500 MILE (4,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle and enricher controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

2,500 MILE (4,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle and enricher controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**5,000 MILE
(8,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**5,000 MILE
(8,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

5,000 MILE (8,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

5,000 MILE (8,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

**7,500 MILE
(12,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**7,500 MILE
(12,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

7,500 MILE (12,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

7,500 MILE (12,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**10,000 MILE
(16,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**10,000 MILE
(16,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

10,000 MILE (16,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

10,000 MILE (16,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

**12,500 MILE
(20,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**12,500 MILE
(20,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

12,500 MILE (20,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

12,500 MILE (20,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**15,000 MILE
(24,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**15,000 MILE
(24,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

15,000 MILE (24,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

15,000 MILE (24,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

**17,500 MILE
(28,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**17,500 MILE
(28,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

17,500 MILE (28,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

17,500 MILE (28,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**20,000 MILE
(32,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**20,000 MILE
(32000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

20,000 MILE (32,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Change front fork oil.
- ☐20. Check stabilizer links and engine mounts.
- ☐21. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐22. Road test.

20,000 MILE (32,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Change front fork oil.
- ☐20. Check stabilizer links and engine mounts.
- ☐21. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐22. Road test.

**22,500 MILE
(36,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**22,500 MILE
(36,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

22,500 MILE (36,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

22,500 MILE (36,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**25,000 MILE
(40,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**25,000 MILE
(40,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

25,000 MILE (40,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

25,000 MILE (40,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

**27,500 MILE
(44,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**27,500 MILE
(44,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

27,500 MILE (44,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

27,500 MILE (44,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**30,000 MILE
(48,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**30,000 MILE
(48,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

30,000 MILE (48,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

30,000 MILE (48,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

**32,500 MILE
(52,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**32,500 MILE
(52,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

32,500 MILE (52,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

32,500 MILE (52,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**35,000 MILE
(56,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**35,000 MILE
(56,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

35,000 MILE (56,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

35,000 MILE (56,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

**37,500 MILE
(60,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**37,500 MILE
(60,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

37,500 MILE (60,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle and controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

37,500 MILE (60,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**40,000 MILE
(64,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**40,000 MILE
(64,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

40,000 MILE (64,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Change front fork oil.
- ☐20. Check stabilizer links and engine mounts.
- ☐21. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐22. Road test.

40,000 MILE (64,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Change front fork oil.
- ☐20. Check stabilizer links and engine mounts.
- ☐21. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐22. Road test.

**42,500 MILE
(68,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**42,500 MILE
(68,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

42,500 MILE (68,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

42,500 MILE (68,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**45,000 MILE
(72,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**45,000 MILE
(72,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

45,000 MILE (72,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

45,000 MILE (72,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Inspect fuel lines and fittings for leaks.
- ☐13. Check tire pressure and inspect tread.
- ☐14. Check front fork bearing adjustment.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Inspect spark plugs.
- ☐18. Check engine idle speed adjustment.
- ☐19. Road test.

**47,500 MILE
(76,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**47,500 MILE
(76,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

47,500 MILE (76,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle and controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

47,500 MILE (76,000 KM) MAINTENANCE

- ☐1. Inspect engine oil.
- ☐2. Inspect rear belt.
- ☐3. Inspect transmission lubricant and clean magnetic drain plug.
- ☐4. Inspect brake pads and discs for wear.
- ☐5. Inspect fuel lines and fittings for leaks.
- ☐6. Inspect tire pressure and inspect tread.
- ☐7. Inspect operation of throttle controls.
- ☐8. Inspect operation of all electrical equipment and switches.
- ☐9. Inspect battery connections.
- ☐10. Inspect air cleaner and service as required.
- ☐11. Inspect oil lines and brake system for leaks
- ☐12. Road test.

**50,000 MILE
(80,000 KM)
MAINTENANCE**

Date

Mileage

Dealer (or other) Signature

OWNER RECORD

**50,000 MILE
(80,000 KM)
MAINTENANCE**

You are authorized to perform the applicable maintenance and lubrication services listed on the back of this coupon. These services are to be performed at your regular rates and paid for by me, the owner. I also authorize you to road test this motorcycle for proper operation.

Owner's Signature

VIN

Date _____ **Mileage** _____

DEALER RECORD

50,000 MILE (80,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

50,000 MILE (80,000 KM) MAINTENANCE

- ☐1. Change engine oil & oil filter.
- ☐2. Inspect air cleaner and service as required.
- ☐3. Change primary chaincase lubricant and clean magnetic drain plug.
- ☐4. Check/adjust primary chain.
- ☐5. Check clutch adjustment.
- ☐6. Change transmission lubricant and clean the magnetic drain plug.
- ☐7. Check and adjust belt.
- ☐8. Inspect brake pads and discs for wear.
- ☐9. Check brake fluid reservoir levels and condition.
- ☐10. Inspect oil lines and brake system for leaks.
- ☐11. Lubricate the following: front brake hand lever, throttle control cables, throttle, clutch control cable/hand lever and jiffy stand.
- ☐12. Lubricate and adjust steering head bearings.
- ☐13. Check engine idle speed adjustment.
- ☐14. Inspect fuel lines and fittings for leaks.
- ☐15. Check operation of all electrical equipment and switches.
- ☐16. Check and clean battery connections.
- ☐17. Change spark plugs.
- ☐18. Check tire pressure and inspect tread.
- ☐19. Check stabilizer links and engine mounts.
- ☐20. Check tightness of all critical fasteners: hand controls, brake system, axle nuts, front fork components, riser and handle bar fasteners.
- ☐21. Road test.

SERVICE LITERATURE

For more detailed and complete technical and parts information the following publications are available, through your Harley-Davidson dealer. Order by part numbers below.

2000 Model FLTRSEI

Publication	Part No.
2000 FLTRSEI Owner's Manual	99737-00
2000 FLT Models Service Manual	99483-00
2000 FLTRSEI Service Manual Supplement.....	99488-00
2000 FLTRSEI Parts Catalog	99428-00

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(GVWR) Gross Vehicle Weight Rating	6, 17
(NHTSA) National Highway Traffic Safety Administration	155
(V.I.N.) Vehicle Identification Number	13

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PATENT NOTICE

Harley-Davidson products are manufactured under one or more of the following patents: 2986162, 2987934, 2998809, 3116089, 3144631, 3144860, 3226994, 3229792, 3434887, 3559773, 3673359, 3709317, Des. 225, 626

To the best knowledge of Harley-Davidson Motor Company, the material contained herein is accurate as of the date this publication was approved for printing. Harley-Davidson Motor Company, reserves the right to change specifications, equipment, or designs at any time without notice and without incurring obligation.

Harley-Davidson Motor Company



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