

AMF

Harley-Davidson

SERVICE MANUAL

on CD

Electra Glide

Duo-Glide

1969

1959 to

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**1959 to 1969
ELECTRA GLIDE
DUO-GLIDE
SERVICE
MANUAL**

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The maintenance and repair information in this manual applies to the 1959 to 1969 Harley-Davidson Duo-Glides and Electra Glides

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SERVICE

SERVICING A NEW MOTORCYCLE

PREDELIVERY

Service operations to be performed before delivery to customer are specified in the Setting Up Instructions and Important Instructions included with new vehicle.

CHECK AT FIRST 500 MILES

1. Drain oil tank through drain plug, flush with kerosene and refill with fresh oil.
2. Clean oil filter (if applicable). Clean overhead valve and tappet oil supply screen.
3. Drain transmission through drain plug and refill to level of filler opening with fresh oil. Use same grade oil used in engine.
4. Lubricate all points indicated for 2000 mile attention in the regular service intervals chart.
5. Aim headlight.
6. Inspect and service air cleaner if needed.
7. Check adjustment of chains and readjust if necessary.
8. Check lubrication of front chain and readjust chain oiler adjusting screw if necessary (1964 and earlier Models).
9. Check lubrication of rear chain and readjust chain oiler (if provided).
10. Check wheel mounting bolts and tighten if needed. These bolts must be kept very tight.
11. Check level of solution in battery and add distilled water if needed. See that terminals are clean and connections tight.
12. Check tightness of all cylinder head bolts and all cylinder base nuts, and tighten where necessary.
13. Check brake adjustment and hydraulic fluid level.
14. Check tire pressure and inspect tread.
15. Check front fork bearing adjustment.
16. Clean carburetor gas strainer.
17. Clean chain housing magnetic plug (if applicable).

18. Inspect and clean spark plugs.

19. Check ignition timing and circuit breaker point gap.

20. Check all nuts, bolts and screws, and tighten any found loose.

21. Check and tighten wheel spokes.

22. Check clutch adjustment.

23. Road test.

CHECK AT FIRST 1000 MILES

1. Drain oil tank and refill with fresh oil.
2. Clean oil filter (if applicable).
3. Check level of oil in transmission and add oil if needed. Use same grade of oil used in engine.
4. Service air cleaner.
5. Check adjustment of chains and adjust if necessary.
6. Check lubrication of front chain and readjust chain oiler adjusting screw if necessary (1964 and earlier Models).
7. Check lubrication of rear chain and readjust chain oiler (if provided).
8. Check level of solution in battery, and add distilled water if needed. See that terminals are clean and connections tight.
9. Check circuit breaker point clearance and adjust if necessary.
10. Check brake adjustment and hydraulic fluid level.
11. Check clutch adjustment.
12. Check tire pressure.
13. Road Test.

Above operations are described fully in section pertaining to particular part of motorcycle. See table of contents for location.

The following chart outlines recommended Maintenance and Lubrication intervals after performance of service on a new motorcycle and the initial break-in period. Refer to Figure 1B-1 when using the chart.

IMPORTANT: To prevent over-greasing, use hand grease gun on all grease fittings.

REGULAR SERVICE INTERVALS CHART

REGULAR SERVICE INTERVAL	FIG. 1B-1 & 1B-1A INDEX NO.	GREASE	FIG. 1B-1 & 1B-1A INDEX NO.	OIL	FIG. 1B-1 & 1B-1A INDEX NO.	SERVICE
EVERY 1,000 MILES			14	Rear Chain (if chain oiler not used)	24 25 26 33	Air Cleaner Battery Rear Chain Adjustment Hydraulic Brake Fluid
EVERY 2,000 MILES	10 9 8 11 1 17 18 22A	Saddle Post Saddle Bar Bearing Rear Brake Pedal Bearing Foot Shift Lever Bearing Hand Clutch Booster Bearing Front Wheel Hub Thrust Bearing (1966 & earlier) Rear Wheel Hub Thrust Bearing (1966 & earlier) Foot Clutch Pedal Bearing Rear Fork Pivot Bearing (1962 Model)	15 5 23 20 7 12 21 19	Clutch Hand Lever Brake Hand Lever Clutch Control Cable Front Brake Cable Throttle Control Cable Spark Control Cable (1964 and earlier) Clutch Booster Lever Rod Clevis (1967 and earlier) Shifter Control Joints Generator Bearing (1960 and earlier) Saddle Post Roller and Bolt	27 28 29 34 30 31	Oil Filter Fuel Strainer Tappet Oil Screen (if applicable) Front Chain Adjustment (1965 and later) Front Chain Oiler Rear Chain Oiler Circuit Breaker Points Clutch Adjustment Brake Adjustment
EVERY 5,000 MILES OR 1 YEAR (whichever comes first)	7 6 2 13 16 31	Throttle Control Spiral Spark Control Spiral (1964 and earlier) Front Wheel Hub (Center) (1966 and earlier) Rear Wheel Hub (Center) (1966 and earlier) Sidecar Wheel Hub (Center) (1966 and earlier) Compensating Engine Sprocket (1964 and earlier) Circuit Breaker Camshaft Speedometer and Tachometer Cables			32 27 31 4 35	Replace: Spark Plugs Oil Filter Element Time Ignition Switch Tires Check Generator Brushes Check Shock Rubber Bushings



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REGULAR SERVICE INTERVALS CHART (CONT)

REGULAR SERVICE INTERVAL	FIG. 1B-1 & 1B-1A INDEX NO.	GREASE	FIG. 1B-1 & 1B-1A INDEX NO.	OIL	FIG. 1B-1 & 1B-1A INDEX NO.	SERVICE
EVERY 10,000 MILES	22 4	Repack Rear Fork Pivot Bearings (1959 to 1961 Models) Generator Bearing (1961 and later)				
EVERY 50,000 MILES	3	Repack Steering Head Bearings				
WEEKLY						Check Tires Check Battery

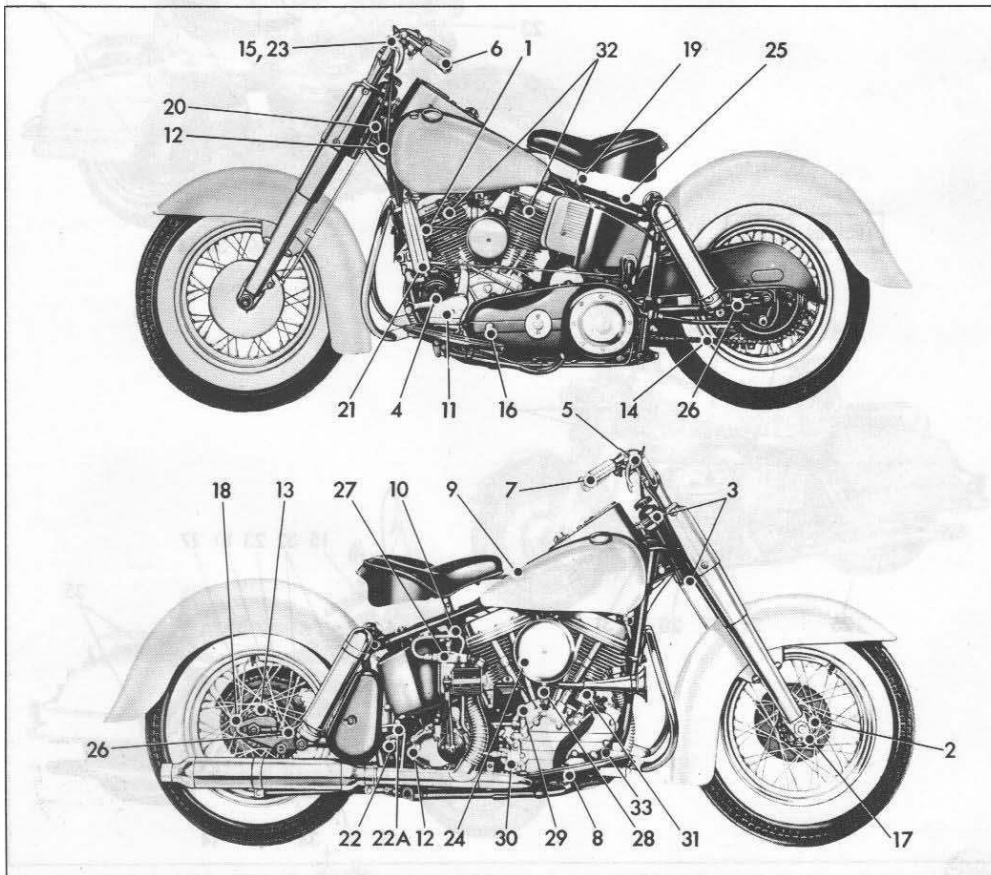


Figure 1B-1A. Lubrication and Service Chart (1964 & earlier Models)

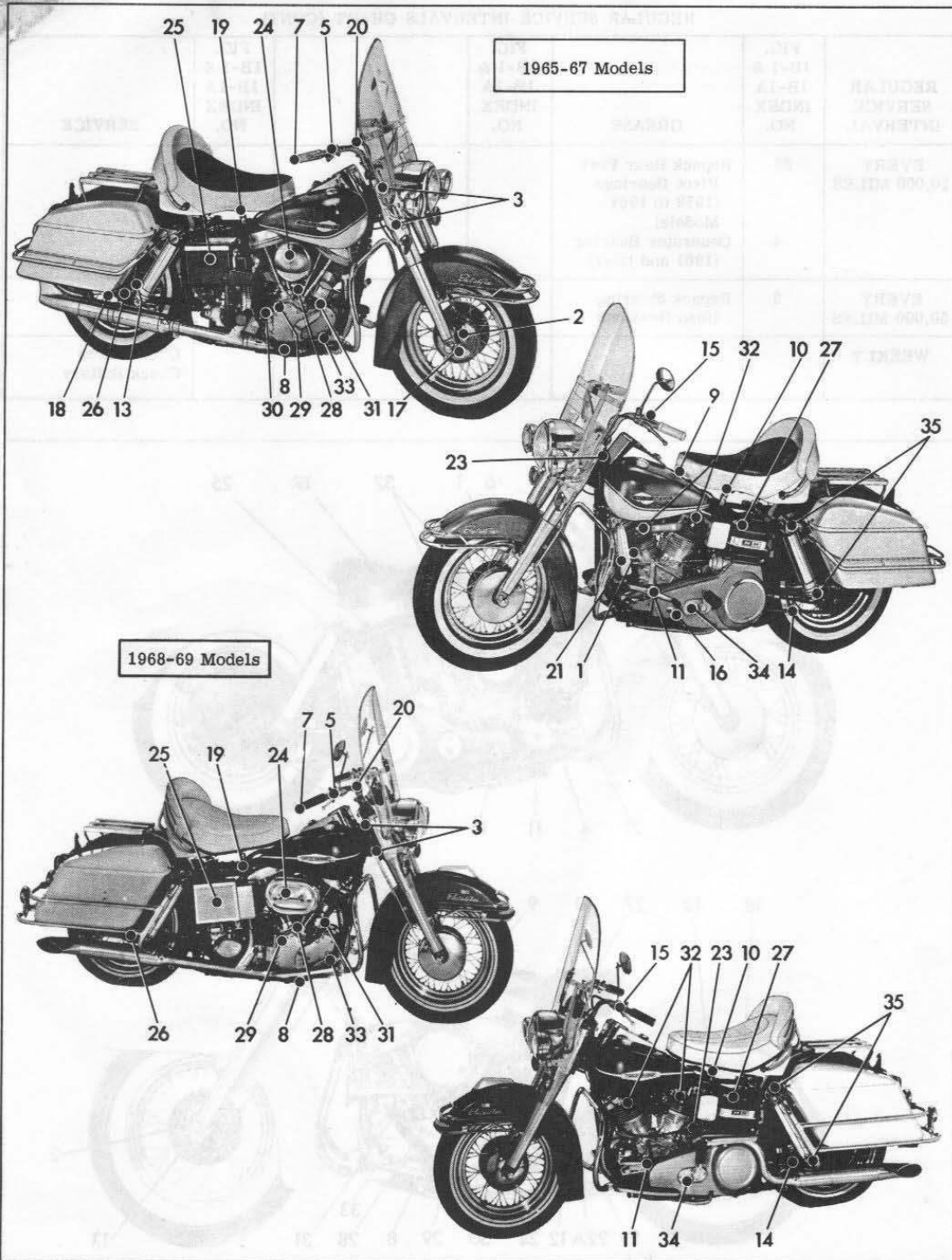


Figure 1B-1. Lubrication and Service Chart

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