

QUICK REFERENCE DATA

CHAPTER ONE / GENERAL INFORMATION

CHAPTER TWO / TROUBLESHOOTING

CHAPTER THREE / PERIODIC LUBRICATION, MAINTENANCE AND TUNE-UP

Routine safety checks / Maintenance intervals / Cleaning your Harley / Tires and wheels / Periodic lubrication / Periodic maintenance / Non-scheduled maintenance / Tune-up / Breaker point ignition service / Carburetor adjustment / Storage

CHAPTER FOUR / ENGINE

Panhead engine overview / Service precautions / Special tools / Servicing engine in frame / Engine / Rocker arm cover/cylinder head / Pushrods / Valves and valve components / Cylinders / Pistons and piston rings / Tappets and tappet guides / Oil pump / Timing cover and timing gears / Timing cover / Timing gears and camshaft / Crankcase and crankshaft / Engine break-in

CHAPTER FIVE / CLUTCH, PRIMARY DRIVE AND STARTER DRIVE

Primary chain / Motor or compensating sprocket assembly / Primary chain housing / Starter drive (1965) / Clutch booster

CHAPTER SIX / THREE- AND FOUR-SPEED TRANSMISSION AND KICKSTARTER

Shift linkage adjustment / Hand shift cover / Foot shift cover / Shift forks / Transmission / Transmission overhaul / Main drive gear oil seal replacement / Kickstarter and starter clutch

CHAPTER SEVEN / FUEL AND EXHAUST SYSTEMS

Linkert carburetor / Fuel tanks / Fuel shutoff valve / Exhaust system

CHAPTER EIGHT / ELECTRICAL SYSTEM

Battery / Circuit breakers / Ignition coil / Electric starter / Starter solenoid / Lighting system / Instrument panel / Switches / Horn / Charging system / Generators / Generator (3-brush generator) / Generator (standard 1958-on) / Generator (fan cooled 1949-1964) / Polarizing the generator / Voltage regulator / Fuses and circuit breakers

CHAPTER NINE / WHEELS, HUBS AND TIRES

Front wheel / Rear wheel / Wheel hubs / Driven sprocket assembly / Drive chain / Laced wheels / Wheel balance / Tires / Tire repairs (tube-type tires) / Wheel alignment

CHAPTER TEN / SPRINGER FRONT FORK

Front shock absorber / Spring fork / Rigid fork / Steering damper / Steering adjustment

CHAPTER ELEVEN / HYDRA-GLIDE FRONT SUSPENSION

Front forks / Fork removal / Steering head and stem / Steering head bearing race / Steering adjustment

CHAPTER TWELVE / REAR SUSPENSION

Rear shock absorbers / Swing arm

CHAPTER THIRTEEN / BRAKES

Front drum brakes / Rear mechanical drum brake (1948-1957) / Mechanical brake inspection / Rear hydraulic drum brake (1958-1965) / Hydraulic brake drum and shoe inspection / Rear master cylinder (1957-1965) / Brake pedal assembly / Brake bleeding

CHAPTER FOURTEEN / FRAME, BODY AND FRAME REPAINTING

Service stands / Footboards / Seat / Handlebar controls / Handlebar / Frame

CHAPTER FIFTEEN / RESTORATION

Panhead history 1948-1965 / Buying old parts / Photos / Original paint restoration / Fuel tank emblems / Upholstery / Chromed parts / Rubber or vinyl parts

INDEX

WIRING DIAGRAMS

Models covered: 1948 1979 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1560 1961 1962 1963 1964 1965 E EL ELF ELS ES F FL FLE FLEF FLF FLH FLHF FLS FLSP FS

Clymer Manuals Harley-Davidson Panhead E Manual
Clymer Manuals Harley-Davidson Panhead EL Manual
Clymer Manuals Harley-Davidson Panhead ELF Manual
Clymer Manuals Harley-Davidson Panhead ELS Manual
Clymer Manuals Harley-Davidson Panhead ES Manual
Clymer Manuals Harley-Davidson Panhead F Manual
Clymer Manuals Harley-Davidson Panhead FL Manual
Clymer Manuals Harley-Davidson Panhead FLE Manual
Clymer Manuals Harley-Davidson Panhead FLEF Manual
Clymer Manuals Harley-Davidson Panhead FLF Manual
Clymer Manuals Harley-Davidson Panhead FLH Manual
Clymer Manuals Harley-Davidson Panhead FLHF Manual
Clymer Manuals Harley-Davidson Panhead FLS Manual
Clymer Manuals Harley-Davidson Panhead FLSP Manual
Clymer Manuals Harley-Davidson Panhead FS Manual