

This Harley-Davidson Evo Manual is 552 pages.

## QUICK REFERENCE DATA

### CHAPTER ONE / GENERAL INFORMATION

Manual organization / Notes, cautions and warnings / Safety first / Service hints / Serial Numbers / Parts replacement / Torque specifications / Fasteners / Lubricants / Sealants, cements and cleaners / Expendable supplies / Basic hand tools / Test equipment / Measuring tools / Special tools / Mechanic's tips / Ball bearing replacement / Oil seals / Riding safety / Specifications

### CHAPTER TWO / TROUBLESHOOTING

Operating requirements / Troubleshooting instruments / Testing electrical equipment / Engine performance / Electric starting system / Charging system / Ignition system / Fuel system / Engine noises / Engine lubrication / Clutch / Transmission / Electrical problems / Excessive vibration / Front suspension and steering / Brakes / Specifications

### CHAPTER THREE / PERIODIC LUBRICATION, MAINTENANCE AND TUNE-UP

Pre-ride inspection / Maintenance intervals / Periodic lubrication / Oil and filter change / Lifter oil screen cleaning / Transmission oil change / Primary chaincase oil change / Front fork oil change / Throttle control grip lubrication / Speedometer cable lubrication / Transmission oil change / Periodic maintenance / Primary chain adjustment / Final drive belt deflection and alignment / Cable lubrication / Rear brake adjustment / Clutch adjustment / Throttle cable adjustment / Enrichener (choke) cable adjustment / Air filter service / Tune-up / Compression test / Cylinder leak down test / Spark plugs / Ignition service / Idle speed adjustment / Specifications

### CHAPTER FOUR / ENGINE

Removal installation / Rocker arm cover and cylinder head / Valves and components / Cylinders / Pistons and rings / Pushrods / Lifters and guides / Oil pump / Oil filter mount / Gearcase cover and timing gears / Crankcase and crankshaft / Break-in / Specifications

### CHAPTER FIVE / CLUTCH AND PRIMARY DRIVE

Outer primary cover / Clutch plates / Clutch, compensating sprocket and primary drive chain / Primary chain and guide / Compensating sprocket / Inner primary housing / Starter jackshift / Clutch cable / Specifications

### CHAPTER SIX / TRANSMISSION

Production gear changes / Shifter adjustment / Transmission top cover / Shifter cam / Shift forks / Transmission side door / Transmission shafts / Main drive gear / Transmission case / Transmission side cover / Oil tank / Specifications

### CHAPTER SEVEN / FUEL, EXHAUST AND EMISSION CONTROL SYSTEMS

Air filter backplate / Carburetor / Throttle and idle cable / Enrichener cable / Fuel tank / Fuel valve / Exhaust system / Evaporative emission control system / Specifications

### CHAPTER EIGHT / ELECTRICAL SYSTEM

Battery / Charging system / Ignition system / Ignition coil / Vacuum operated electric switch / Starter and solenoid / Lighting system / Switches / Horn / Turn signal module / Speedometer speed sensor / Indicator lights / Electric panel / Starter relay switch / Circuit breakers / Specifications

### CHAPTER NINE / WHEELS, HUBS AND TIRES

Front wheel and rear wheel / Front and rear hub / Driven sprocket assembly / Secondary drive belt / Drive sprocket / Wire spoke wheels / Cast wheels / Vehicle alignment / Specifications

## **CHAPTER TEN / FRONT SUSPENSION AND STEERING**

Handlebar / Front forks / Steering head and stem / Steering head bearing race / Steering play / Specifications

## **CHAPTER ELEVEN / REAR SUSPENSION**

Shock absorbers / Rear swing arm / Specifications

## **CHAPTER TWELVE / BRAKES**

Front brake pads / Front brake caliper / Front master cylinder / Rear brake pads / Rear brake caliper / Rear master cylinder / Brake hose and line replacement / Brake disc (front and rear) / Bleeding the system / Specifications

## **SUPPLEMENT / 1996-1998 SERVICE INFORMATION**

Periodic lubrication / Periodic maintenance / Ignition service / Clutch plates (1998 models) / Clutch overhaul / Battery / Charging system / Ignition system / Starter / Switches / Front master cylinder

## **INDEX**

## **COLOR WIRING DIAGRAMS**

Models Covered

1995 1996 1997 1998 HARLEY-DAVIDSON FXD

1991 1992 HARLEY-DAVIDSON FXDB

1992 HARLEY-DAVIDSON FXDC

1993 1994 1995 1996 1997 1998 HARLEY-DAVIDSON FXDL

1995 1996 1997 1998 HARLEY-DAVIDSON FXDS-CONV

1993 1994 1995 1996 1997 1998 HARLEY-DAVIDSON FXDWG

Clymer Manuals Harley Davidson Evolution Evo FXD Manual

Clymer Manuals Harley Davidson Evolution Evo FXDB Manual

Clymer Manuals Harley Davidson Evolution Evo FXDC Manual

Clymer Manuals Harley Davidson Evolution Evo FXDL Manual

Clymer Manuals Harley Davidson Evolution Evo FXDS - Convertible Manual

Clymer Manuals Harley Davidson Evolution Evo FXDWG Manual

FXDB Dyna Glide (1991-1992)

FXDC Dyna Custom (1992)

FXDL Dyna Low Rider (1993-1998)

FXDWG Wide Glide (1993-1998)

FXD Dyna Super Glide (1995-1998)

FXDS-CONV Dyna Low Rider Convertible (1995-1998)