

THE MIGHTY

# HARLEY- DAVIDSON

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... WORLD'S MOST POPULAR MOTORCYCLE!



# HARLEY-DAVIDSON

Motorcycling is the world's greatest outdoor sport. Nothing on sea, land or air can compare with the thrill of riding a Harley-Davidson. You are a part of your trusty steed of steel as the ground slips past and you glide over hill and dale and leave the miles behind. You breathe the fresh outdoor air. You see every bit of scenery that comes into view. You are as free as a bird on wing. Motorcycling is also speedy, economical transportation.

## SPECIFICATIONS

- MOTOR** — 45 cu. in. twin, four-stroke, air-cooled, V-type. Bore,  $2\frac{3}{4}$ " , Stroke,  $3\text{-}13/16$ ". Full roller bearing lower end. Aluminum heads available at extra cost.
- TRANSMISSION** — Harley-Davidson three speed with constant-mesh gears and full sliding clutch.
- LUBRICATION** — Circulating pressure system with vane-type pressure pump and gear-type scavenger pump. Transmission lubricated separately. All other bearings, Zerk-Alemite fitted.
- IGNITION** — Harley-Davidson single unit with generator, storage battery, timer and coil. Waterproof.
- ELECTRICAL EQUIPMENT** — Large headlamp with prefocused, double-filament bulb. Dual beam control. Heavy duty, high-output generator with automatic increase when lights are on. 22 ampere-hour storage battery. Improved, disc-type horn.
- CLUTCH** — Super service, multiple dry disc, operated with left foot.
- FRAME** — Single loop, reinforced tubular steel. Drop-forged, heat-treated head, motor and transmission brackets. A low center of

- gravity makes for greater ease of handling. Wheelbase,  $57\frac{1}{2}$ ".
- FORKS** — Main and spring forks of seamless, alloy-steel tubing. Self-aligning steering head bearings. Entire assembly heat-treated.
- DRIVE** — Motor to transmission by automatically lubricated, double-row, roller chain.  $\frac{5}{8}$ " pitch roller chain to rear wheel.
- BRAKES** — Front and rear wheel, fully enclosed, waterproof.
- WHEELS** — Quickly detachable wire wheels. Knockout-type axles. Drop center rims.
- TIRES** — Goodyear or Firestone.  $5.00\times 16$ " tires available in equipment groups.
- TANKS** — Extra-wide, teardrop shape, welded steel. Approximate capacity: gasoline —  $3\frac{3}{8}$  U. S. gallons; oil — 1 U. S. gallon.
- SADDLE** — Large, form-fitting, mounted on adjustable, cushion-spring seat post. Heavily padded, covered with genuine leather.
- SPECIAL EQUIPMENT** — Wide choice of equipment and chrome available at extra cost.
- FINISH** — Choice of three beautiful colors. Sparkling chrome trim.

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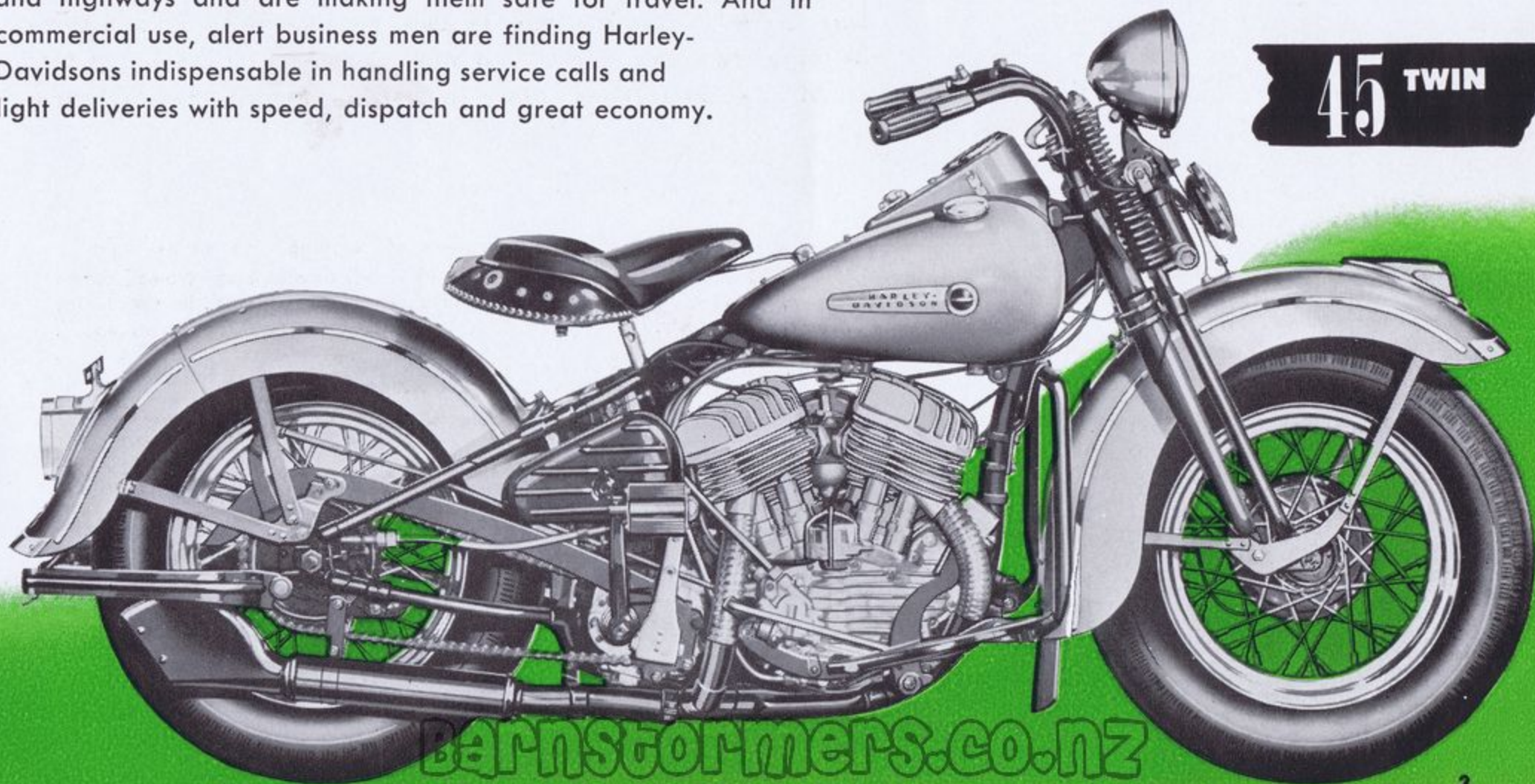


# MOTORCYCLES

Your Harley-Davidson takes you back and forth to work in no time at all at a mere fraction of the cost of other forms of travel. In police use, great numbers of Harley-Davidson mounted officers are patrolling streets and highways and are making them safe for travel. And in commercial use, alert business men are finding Harley-Davidsons indispensable in handling service calls and light deliveries with speed, dispatch and great economy.

In the illustrations of the various models shown in this catalog, such items as front safety guards, front fender light, chrome stacks, chrome rims, large tires, air cleaner, hydraulic shock absorber, de luxe saddle, etc., are included in various equipment groups at extra cost and are not standard equipment.

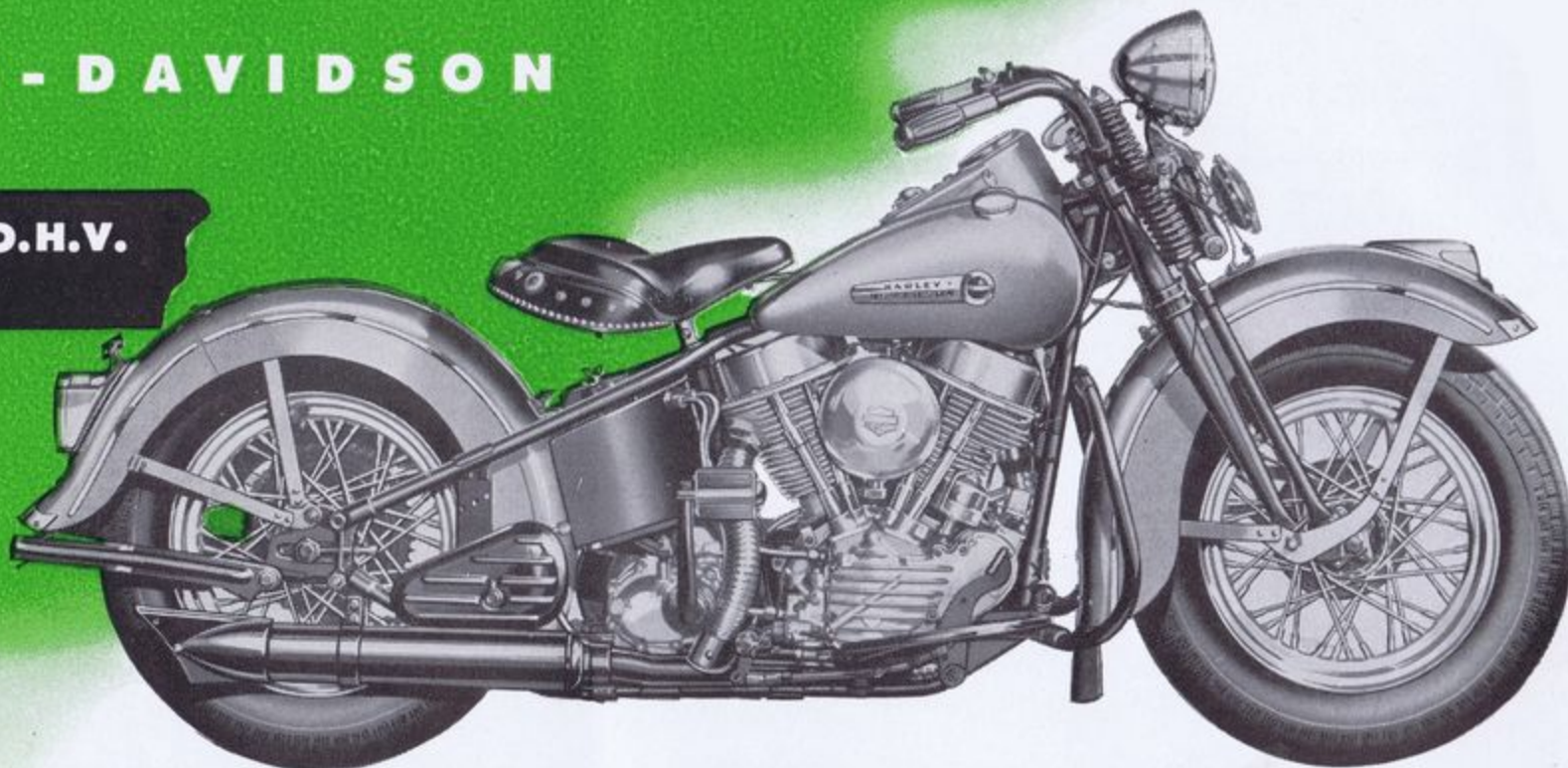
**45 TWIN**





# HARLEY-DAVIDSON

**61** O.H.V.



## SPECIFICATIONS

**MOTOR** — 61 cu. in. O.H.V. Bore 3-5/16". Stroke, 3 1/2". Air-cooled

V-type, twin cylinder. Hydraulic valve lifters. Aluminum heads. Aluminum alloy, cam-ground, double-slot pistons. Chrome-plated, felt-lined rocker arm and head covers. Honed and phosphate-coated cylinders. All main bearings of retained roller type.

**TRANSMISSION** — Three or four speed optional. Four speed has constant-mesh gears. Three speed and reverse with sliding low gear available at small extra cost.

**LUBRICATION** — Circulating pressure system with gear-type pressure and scavenger pump. Transmission lubricated separately. All other bearings, Zerk-Alemite fitted.

**IGNITION** — Harley-Davidson single unit with generator, relay, storage battery, timer and coil. Waterproof.

**ELECTRICAL EQUIPMENT** — Large headlamp with prefocused, double-filament bulb. Dual beam control. Heavy-duty, high-output generator with automatic increase when lights are on. 22 ampere-hour storage battery. Improved, disc-type horn.

**CLUTCH** — Super service, multiple dry disc, operated with left foot.

**FRAME** — Extra-low, strongly reinforced, double loop, trussed frame of seamless steel tubing. Major fittings drop-forged. Low center of gravity. Theft-proof lock in steering head. Wheelbase, 59 1/2".

**FORKS** — Main and spring forks of seamless, carbon-steel tubing. Self-aligning steering head bearings. Entire assembly heat-treated.

**DRIVE** — Motor to transmission by automatically lubricated, double-row, roller chain. 5/8" pitch roller chain to rear wheel.

**BRAKES** — Front and rear wheel, fully enclosed, waterproof.

**WHEELS** — Quickly detachable and interchangeable wire wheels. Knockout-type axles, drop-center rims.

**TIRES** — Goodyear or Firestone. 5.00x16" tires available in equipment groups.

**SADDLE** — Large, form-fitting, mounted on adjustable, cushion-spring seat post. Heavily padded, covered with genuine leather.

**TANKS** — Extra-wide, teardrop shape, welded steel. Approximate gasoline capacity — 3 3/4 U. S. gallons. One U.S. gallon, steel-welded oil tank separate.

**SPECIAL EQUIPMENT** — Wide choice of equipment and chrome available at extra cost.

**FINISH** — Choice of three beautiful colors. Sparkling chrome trim.



## SPECIFICATIONS

**MOTOR** — 74 cu. in. O.H.V. Bore, 3-7/16". Stroke, 3-31/32". Air-

cooled, V-type, twin cylinder. Hydraulic valve lifters. Aluminum heads. Aluminum alloy, cam-ground, double-slot, steel-strutted pistons. Chrome-plated, felt-lined rocker arm and head covers. Honed and phosphate-coated cylinders. All main bearings of retained roller type.

**TRANSMISSION** — Three or four speed optional. Four speed has constant-mesh gears. Three speed and reverse with sliding low gear available at small extra cost.

**LUBRICATION** — Circulating pressure system with gear-type pressure and scavenger pump. Transmission lubricated separately. All other bearings, Zerk-Alemite fitted.

**IGNITION** — Harley-Davidson single unit with generator, relay, storage battery, timer and coil. Waterproof.

**ELECTRICAL EQUIPMENT** — Large headlamp with prefocused, double-filament bulb. Dual beam control. Heavy duty, high-output generator with automatic increase when lights are on. 22 ampere-hour storage battery. Improved, disc-type horn.

**CLUTCH** — Super service, multiple dry disc, operated with left foot.

**FRAME** — Extra-low, strongly reinforced, double loop, trussed frame of seamless steel tubing. Major fittings drop-forged. Low center of gravity. Theft-proof lock in steering head. Wheelbase, 59½".

**FORKS** — Main and spring forks of seamless, carbon-steel tubing. Self-aligning steering head bearings. Entire assembly heat-treated.

**DRIVE** — Motor to transmission by automatically lubricated, double-row, roller chain. 5/8" pitch roller chain to rear wheel.

**BRAKES** — Front and rear wheel, fully enclosed, waterproof.

**WHEELS** — Quickly detachable and interchangeable wire wheels. Knockout-type axles, drop-center rims.

**TIRES** — Goodyear or Firestone. 5.00x16" tires available in equipment groups.

**SADDLE** — Large, form-fitting, mounted on adjustable, cushion-spring seat post. Heavily padded, covered with genuine leather.

**TANKS** — Extra-wide, teardrop shape, welded steel. Approximate gasoline capacity — 3¾ U. S. gallons. One U. S. gallon, steel-welded oil tank separate.

**SPECIAL EQUIPMENT** — Wide choice of equipment and chrome available at extra cost.

**FINISH** — Choice of three beautiful colors. Sparkling chrome trim.

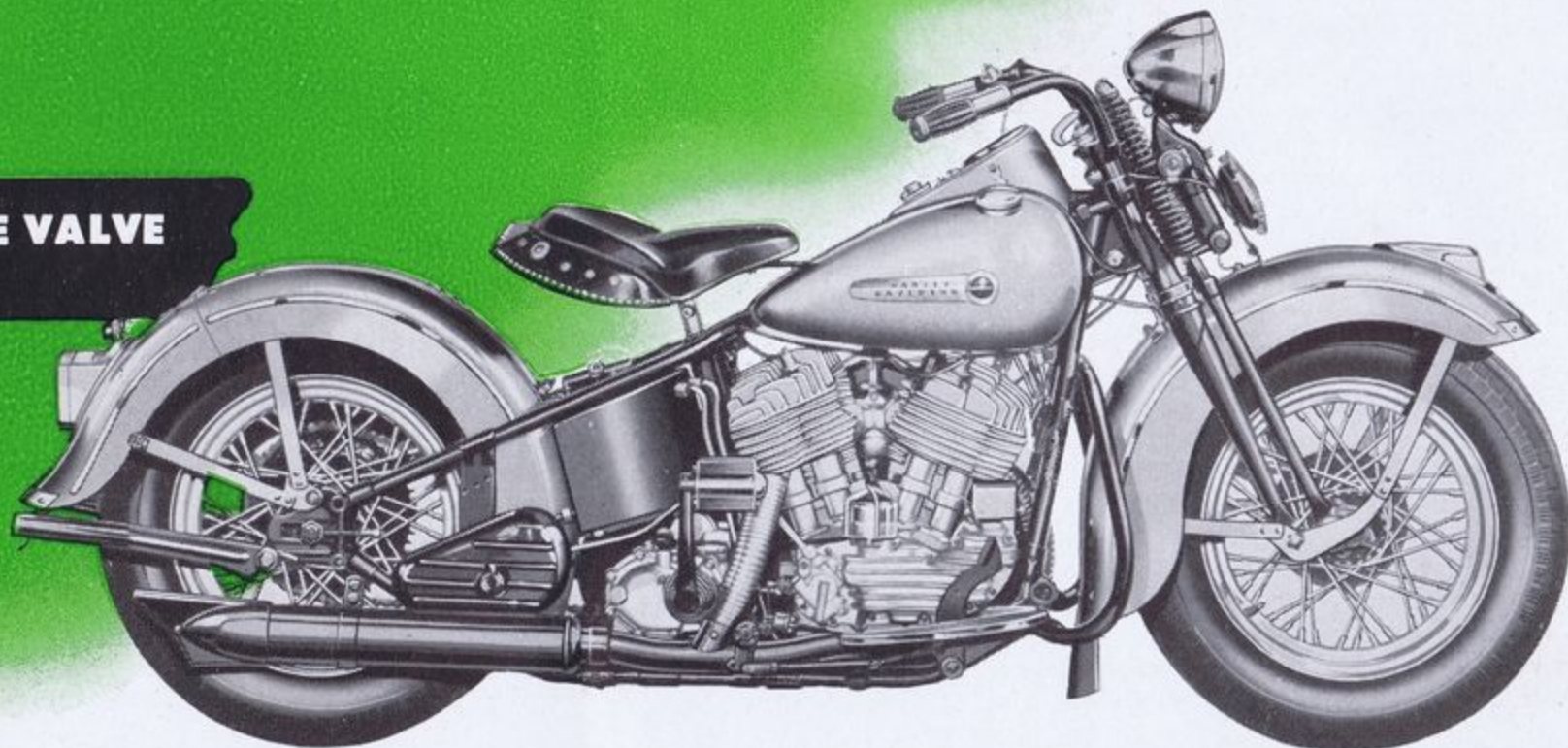


**74 O.H.V.**

**BARNSBOROUGH'S CO.**



# 74 SIDE VALVE



## SPECIFICATIONS

**MOTOR** — 74 cu. in. Side Valve. Bore, 3-5/16". Stroke, 4-9/32". Air-

cooled, V-type, twin cylinder. Aluminum alloy, cam-ground, double-slot, steel-strutted pistons. Honed and phosphate-coated cylinders. All main bearings of retained roller type. Aluminum heads available at small extra cost.

**TRANSMISSION** — Three or four speed optional. Four speed has constant-mesh gears. Three speed and reverse with sliding low gear available at small extra cost.

**LUBRICATION** — Circulating pressure system with vane-type pressure pump and gear-type scavenger pump. Transmission lubricated separately. All other bearings, Zerk-Alemite fitted.

**IGNITION** — Harley-Davidson single unit with generator, relay, storage battery, timer and coil. Waterproof.

**ELECTRICAL EQUIPMENT** — Large headlamp with prefocused, double-filament bulb. Dual beam control. Heavy duty, high-output generator with automatic increase when lights are on. 22 ampere-hour storage battery. Improved, disc-type horn.

**CLUTCH** — Super service, multiple dry disc, operated with left foot.

**FRAME** — Extra-low, strongly reinforced, double loop, trussed frame of seamless steel tubing. Major fittings drop-forged. Low center of gravity. Theft-proof lock in steering head. Wheelbase, 59½".

**FORKS** — Main and spring forks of seamless, carbon-steel tubing. Self-aligning steering head bearings. Entire assembly heat-treated.

**DRIVE** — Motor to transmission by automatically lubricated, double-row, roller chain. 5/8" pitch roller chain to rear wheel.

**BRAKES** — Front and rear wheel fully enclosed, waterproof.

**WHEELS** — Quickly detachable and interchangeable wire wheels. Knockout-type axles, drop-center rims.

**TIRES** — Goodyear or Firestone. 5.00x16" tires available in equipment groups.

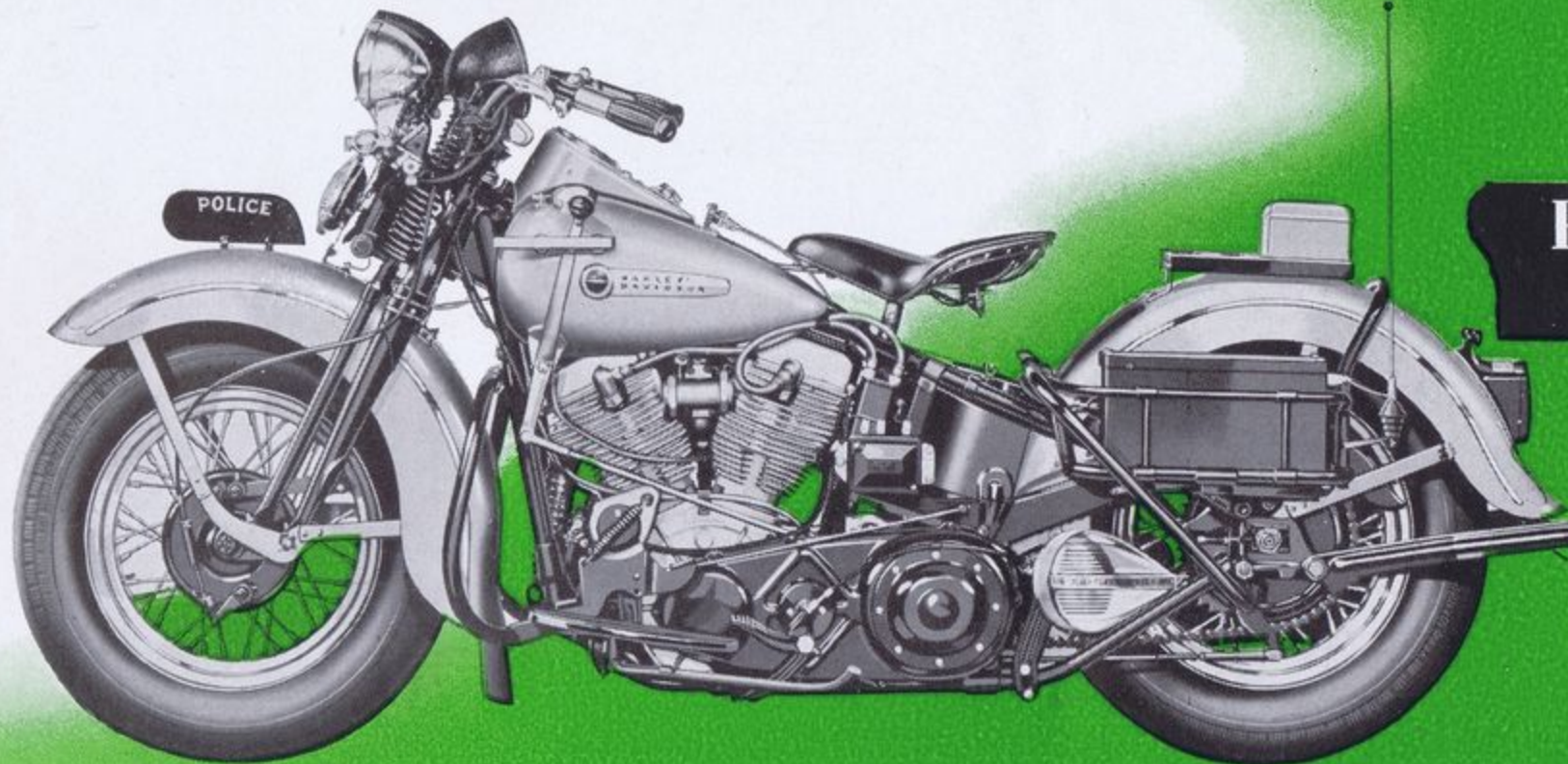
**TANKS** — Extra-wide, teardrop shape, welded steel. Approximate capacity: right, 2 U. S. gallons; left, 2 U. S. gallons. One U. S. gallon, steel-welded oil tank separate.

**SADDLE** — Large, form-fitting, mounted on adjustable, cushion-spring seat post. Heavily padded, covered with genuine leather.

**SPECIAL EQUIPMENT** — Wide choice of equipment and chrome available at extra cost.

**FINISH** — Choice of three beautiful colors. Sparkling chrome trim.





## POLICE MODEL

### SPECIFICATIONS

**MOTOR** — Police Models are available in the 61 O.H.V., 74 O.H.V. and

74 Side Valve.

**TRANSMISSION, LUBRICATION, IGNITION, ELECTRICAL EQUIPMENT, CLUTCH, FRAME, DRIVE, BRAKES, WHEELS, TIRES, SADDLE, TANKS,** same as shown with the respective models.

The following equipment is available for Police Models in addition to our regular line of accessories:

**SIREN**— Foot-operated, rear-wheel driven. Hand-operated, front-wheel driven on Police Servi-Cars. Extremely well-built. Toned to penetrate traffic noises. Chrome plated.

**PURSUIT LAMPS** — One red and one clear. Essential for night patrol duty. Visible at great distances, they clear the way through traffic for any vehicle. Serve equally well as emergency parking lights. Heavy chrome plating adds distinction.

**FIRST AID KIT** — Metal case mounts on rear fender or luggage carrier. Contents of kit based on recommended requirements from many police departments over a period of years.

**PYRENE FIRE EXTINGUISHER** — Specially designed and built for

motorcycle service. Special packing compensates for jarring and prevents leakage or faulty operation. Can be carried on handlebars or rear wheel bracket. Provides effective aid to combat automobile and other small fires.

**POLICE PLATE** — Easily-read identification for police motorcycles. Plate attaches in vertical position to front fender.

**SPEEDOMETER HAND CONTROL** — For clocking speeders. Positive and instantaneous. Electrically operated. Controlled by button on handlebar, eliminating the necessity of removing hands from grips. Does not interfere with operation of speedometer. Provides facts to convict speeders.

**RADIO** — R.C.A. Medium-High-Frequency or General Electric Ultra-High-Frequency, amplitude modulation. All motorcycles supplied with radios installed at the factory are fitted with a special, heavy duty, high-output generator; voltage control; shielded coil, spark plugs and wiring. For information on FM or 2-way radio, write factory.

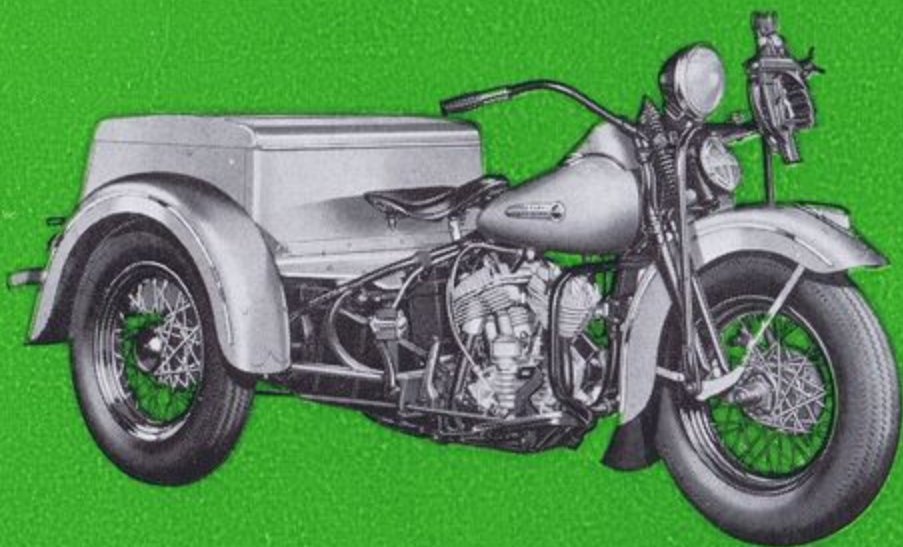
**FINISH** — Police Silver furnished exclusively for police use. Standard colors available if desired.

**NOTE** — See Servi-Car and Sidetar specifications on following pages.

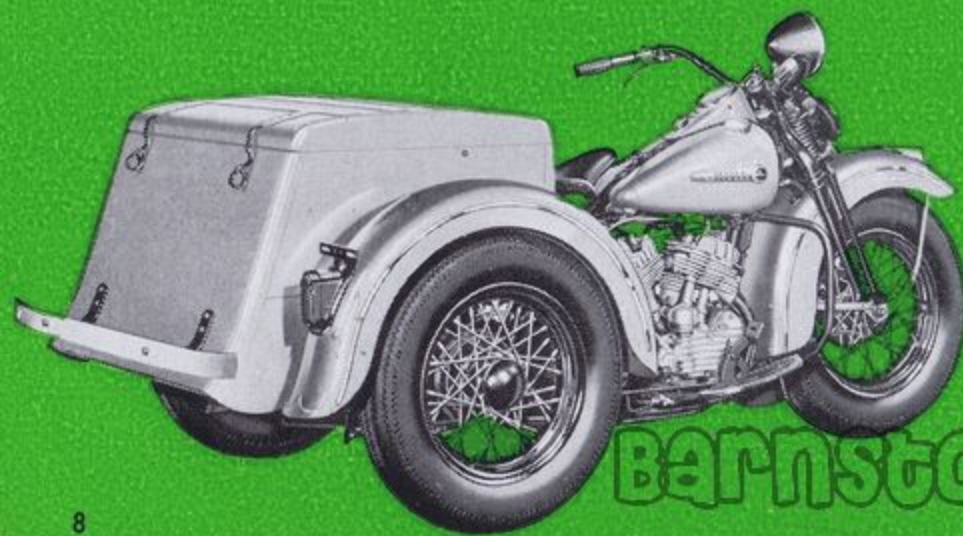
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## "G" SERVI-CAR



## "GA" SERVI-CAR



**SPECIFICATIONS** — Model "G" and "GA" Servi-Car.

**MOTOR, LUBRICATION, IGNITION, CLUTCH, TIRES, SADDLE, and TANKS,** same as 45 cu. in Model.

**TRANSMISSION** — Constant-mesh, three speed and reverse. Dual rear wheel drive through differential.

**FRAME** — Special, commercial-type for Servi-Cars. Built of reinforced tubular steel. Transmission, head and motor brackets, seat post cluster and axle clips drop-forged and heat-treated for greater strength.

**DIFFERENTIAL** — Gears packed in grease and mounted in leak-proof gear case. Reinforced housing assembly strengthened with heavy tie rod.

**REAR AXLE** — Axle and housing of conventional automobile design.

**FULL SPRING MOUNTING** — Body supported on sub-frame, hinged to main frame tie bar by cantilever leaf spring on each side. Supported in rear by two large helical springs. Hydraulic shock absorbers are provided to check rebound of sub-frame and body.

**BODY** — 34" wide, 30½" long at bottom, 26¼" long at top, 12" deep. Capacity seven cubic feet. Heavy gauge, auto body steel. Waterproof, one-piece cover with spring steel latch. Load capacity, three-hundred pounds.

**WHEELBASE** — 61½". Turning Radius, 8' 4".

**TREAD OF REAR WHEELS** — 42¾", assuring stability.

**MUFFLER** — Extra-large type, low back pressure, high-efficiency, sound-absorbing.

**FRONT FORK** — Heavy duty type used on all Harley-Davidson Big Twins. Cushioned for comfortable riding with large coil springs. Main fork, alloy steel. Spring fork, seamless, carbon-steel tubing. Entire fork heat-treated. Self-aligning steering head bearings.

**TOW BAR** — (On "G" Model ONLY.) Made of heat-treated steel and permanently attached to front fork. Harley-Davidson vise clamp, adjustable and fully universal. Clamp attaches to automobile bumper. Safety cable and snap-hook supplied for additional security.

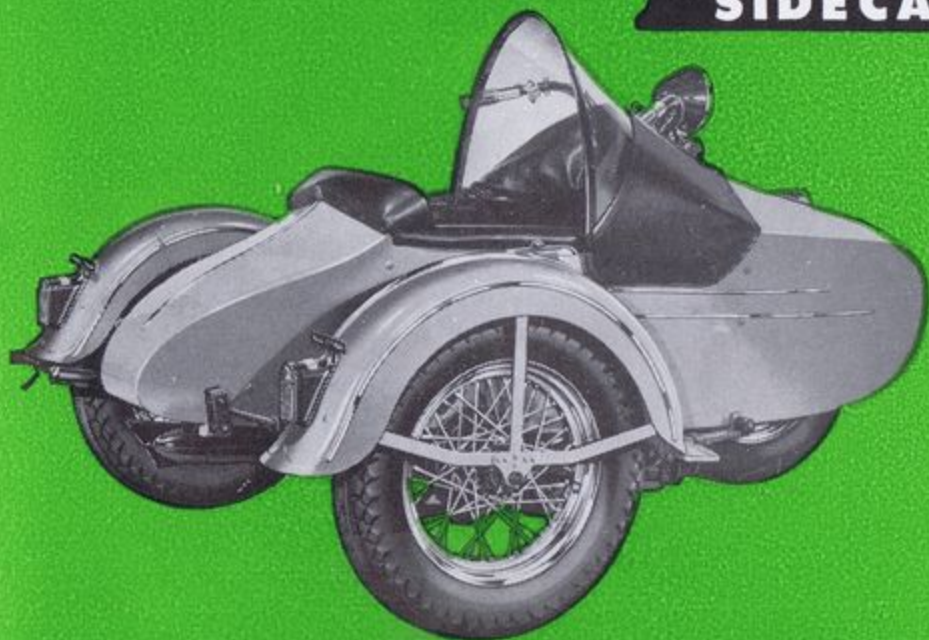
**POLICE** — Model "GA" used by hundreds of police departments for car-marking, checking parking meters and controlling traffic.

**FINISH** — Choice of three beautiful colors. Sparkling chrome trim. Police Silver is furnished for police department use exclusively.

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## SIDECAR



**FRAME** — Reinforced, seamless steel tubing. Couplings to motorcycle frame machined from heat-treated steel. Improved design, aluminum passenger step attached to frame.

**WHEEL** — Quickly detachable and interchangeable with motorcycle wheels. Spare wheel and carrier available.

**TIRE** — Goodyear or Firestone. 5.00x16" tire in equipment groups.

**BRAKE** — Internal-expanding, waterproof. Operated in conjunction with rear wheel brake on motorcycle, providing three-wheel braking.

**SPRINGS** — Two, easy-riding, special semi-elliptic with friction strap snubbers.

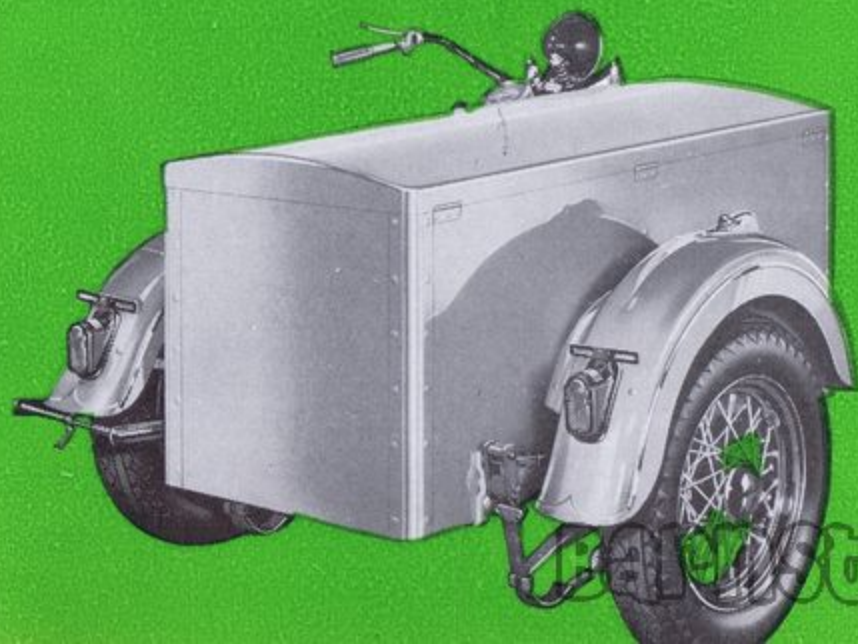
**TREAD** — 49".

**LUBRICATION** — Springs and shackles fitted with oil impregnated bushings, eliminating manual lubrication.

**BODY** — Beautifully streamlined. Built of heavy gauge, cold rolled, auto body steel. Linoleum covered floor. Luggage compartment. Padded arm rests. Seat cushion and back rest covered with durable, synthetic leather.

**FINISH** — Choice of three beautiful colors. Police Silver for police use.

## PACKAGE TRUCK



**FRAME** — Strongly reinforced, seamless steel tubing. Couplings to motorcycle frame machined from heat-treated steel.

**WHEEL** — Quickly detachable and interchangeable with motorcycle wheels. Spare wheel and carrier available.

**TIRE** — Goodyear or Firestone. 5.00x16" tire in equipment group.

**BRAKE** — Internal-expanding, waterproof. Operated in conjunction with rear wheel on motorcycle, providing three-wheel braking.

**SPRINGS** — Two, easy-riding, special semi-elliptic with commercial-type friction snubbers.

**TREAD** — 49".

**LUBRICATION** — Springs, couplings and all important points equipped with Zerk-Alemite fittings.

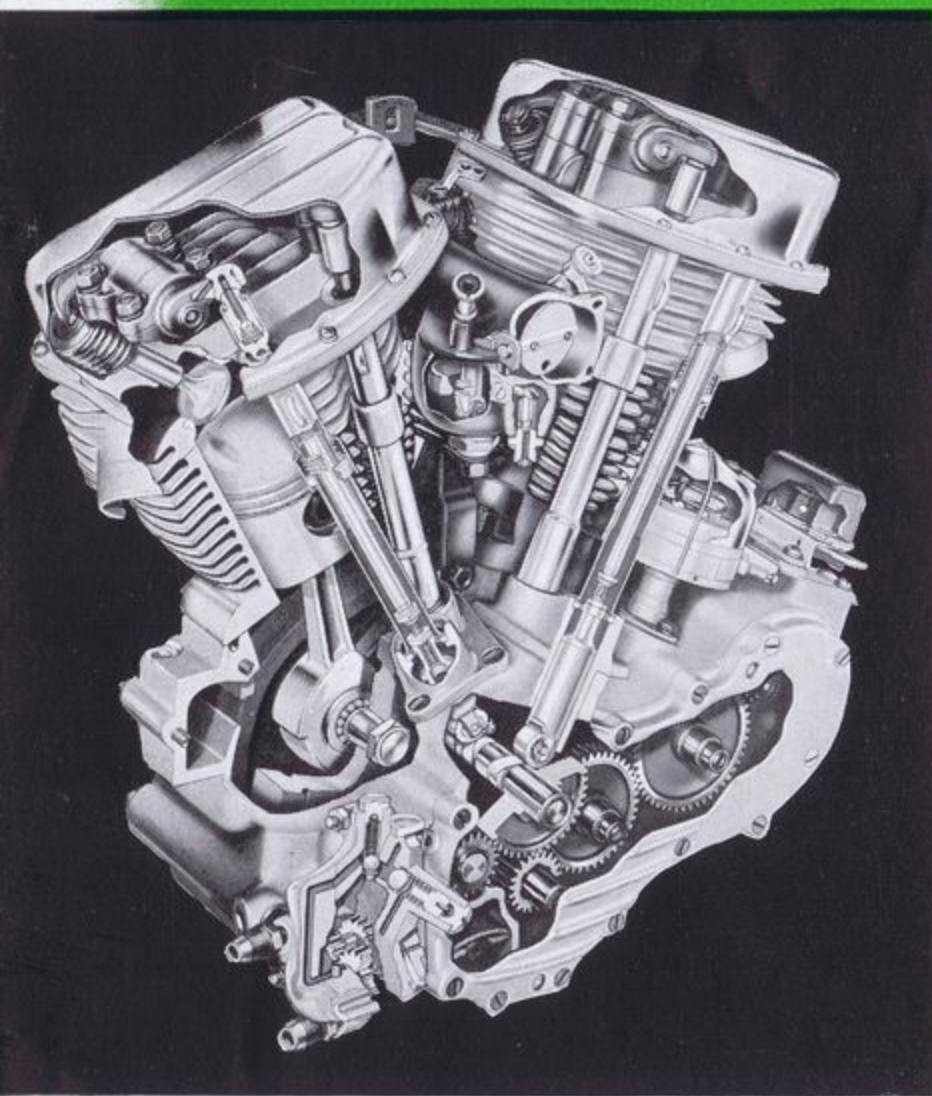
**BODY** — Beautifully designed and built of select wood, angle iron and 22-gauge, auto body sheet steel. Hinged cover opens from motorcycle side. Inside measurements: 22 $\frac{3}{4}$ " wide, 54" long, 22" deep. 15.6 cu. ft. Load capacity,  $\frac{1}{4}$  ton.

**FINISH** — Choice of three beautiful colors. Sparkling chrome trim.



# *Tried and true*

**FEATURES THAT MAKE THE  
HARLEY-DAVIDSONS THE WORLD'S  
MOST POPULAR MOTORCYCLES**



Lighter-weight O.H.V. engine features hydraulic valve lifters, aluminum heads, Ampco metal valve seat inserts.



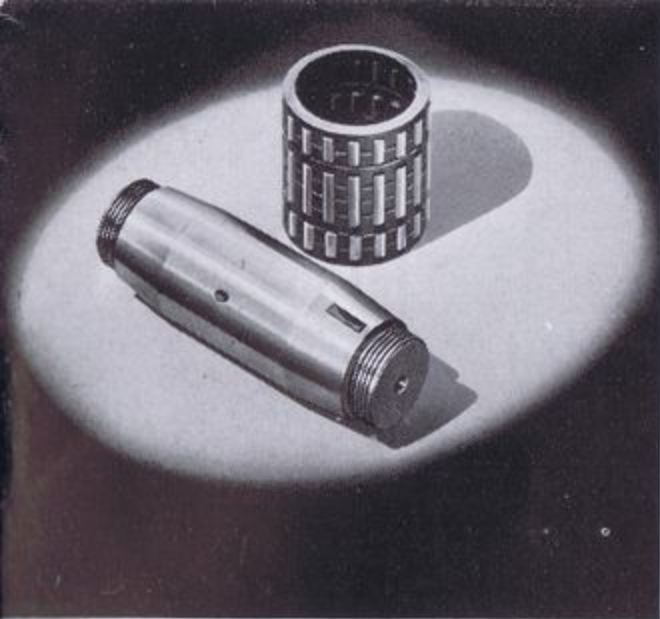
Big Twin steering head houses self-aligning bearings and theft-proof frame lock.



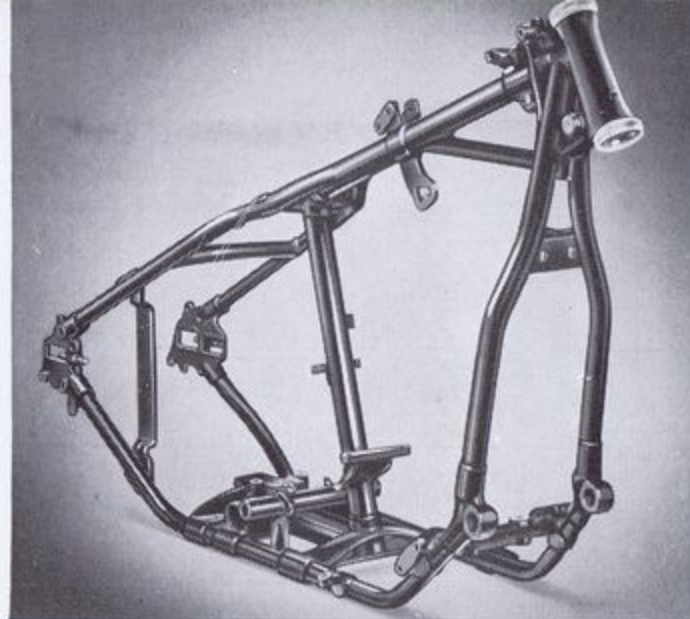
Edge-lighted speedometer dial on all 1948 models facilitates night riding.

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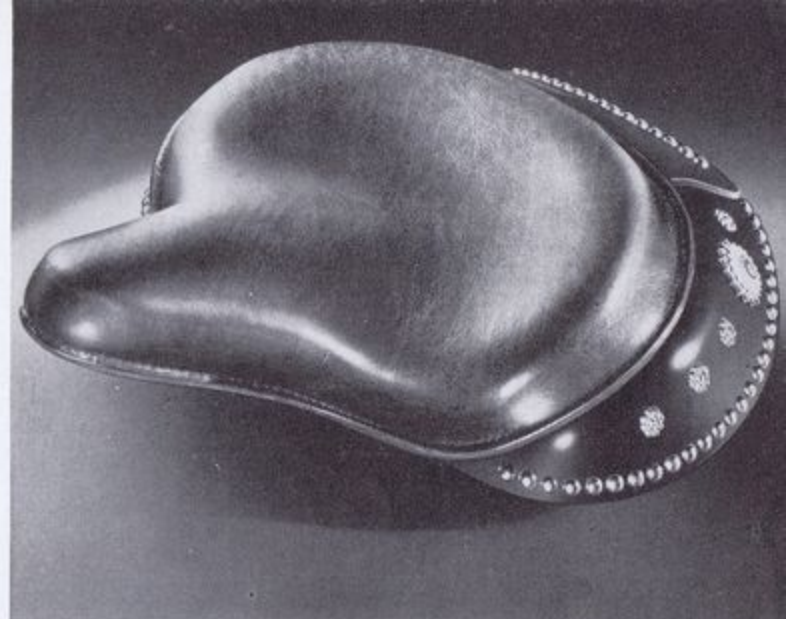




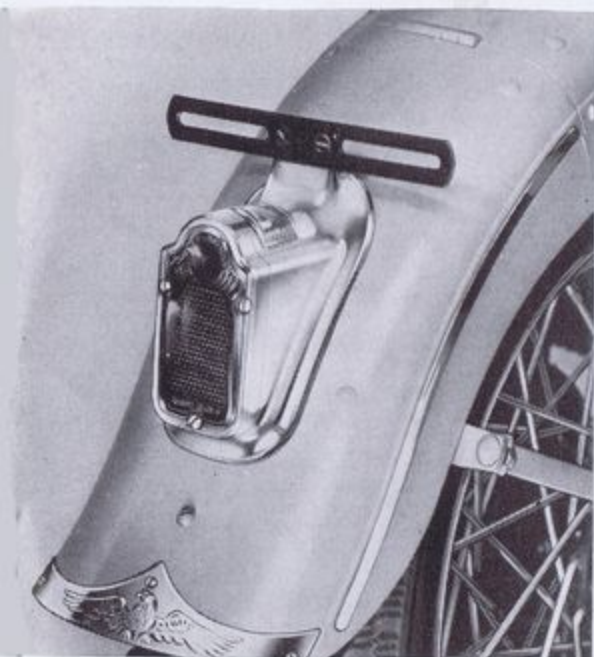
Big Twin crank pin features 54 roller bearings for longer, more satisfactory service.



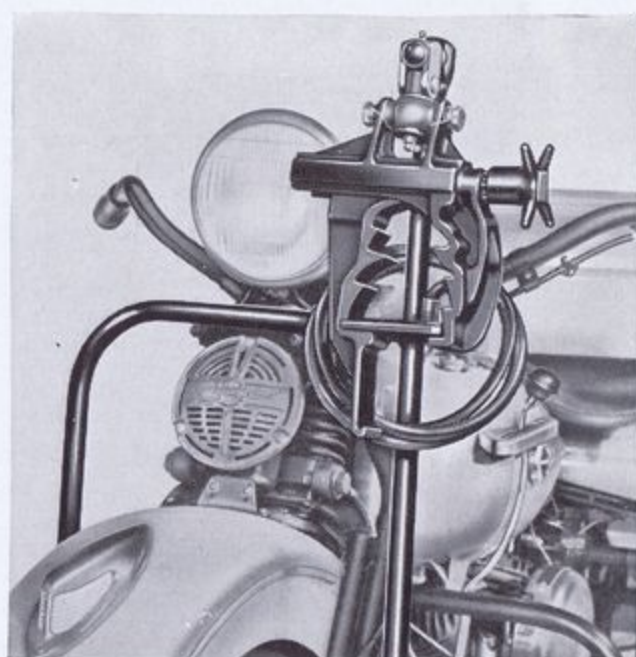
Terminal box lugs and safety guard mounting plate incorporated on new Big Twin frames.



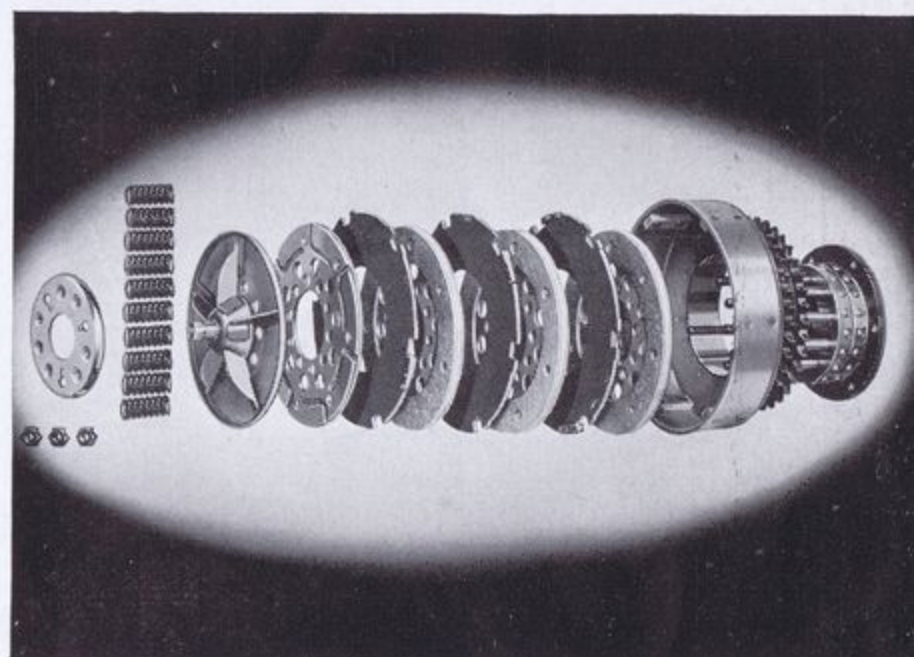
Extra-deep, latex-filled, de luxe solo saddle with jeweled, plastic skirt is now available.



Bright chrome plating on tail lamp has been made available for 1948.



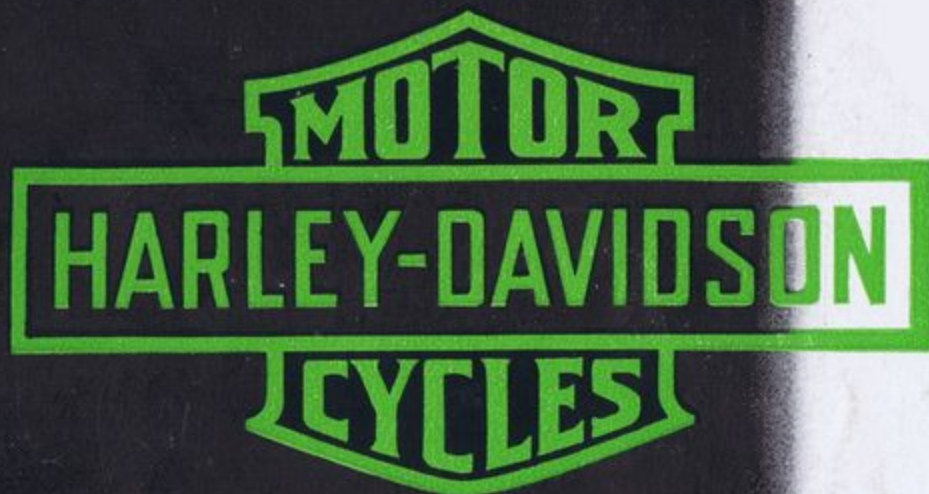
Redesigned, offset tow bar that keeps pace with new automobile advancements.



Smoother operation, longer life are advantages of the multiple-dry disc clutch on all 1948 Big Twin Models.

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When you think of buying a motorcycle, it is wise to give consideration to the service you can expect once you have come into possession of your mount. Will you be able to obtain your parts requirements promptly? Will you find competent mechanics to service your mount? As the owner of a Harley-Davidson you are never far from an authorized dealer, no matter where you travel. The largest dealer organization in the industry is at your command, ready to serve YOU, to make YOUR investment entirely satisfactory. Harley-Davidson dealers are carefully selected for their ability to render adequate service. Many have factory trained mechanics on their staffs. There, too, you will find complete stocks of genuine parts, accessories and Harley-Davidson oil. Forty-five years experience building quality motorcycles exclusively, plus the highest service standards in the industry, assure the purchaser of a Harley-Davidson many, many thousands of miles of joyous, carefree, economical travel.

**HARLEY-DAVIDSON MOTOR COMPANY**

MILWAUKEE 1, WISCONSIN, U.S.A.



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