

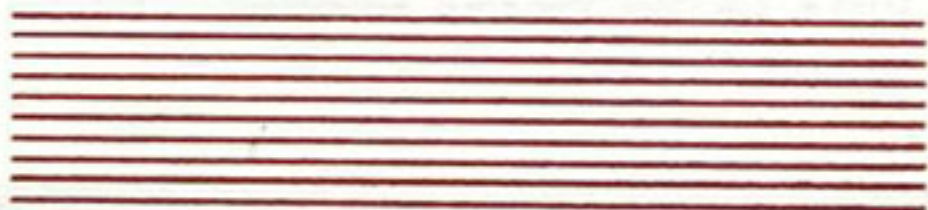


**1946**

***DeSoto***

PRODUCT OF  
CHRYSLER CORPORATION

ADVANCE  
SPECIFICATIONS  
FOR USE OF  
DESOTO RETAIL  
SALESMEN



# SPECIFICATIONS . . . 1946 DESOTO

- **POWERFUL ENGINE**—L-Head, Six-cylinder, 109 H.P. @ 3600 R.P.M.  $3\frac{7}{8}$ " bore x  $4\frac{1}{4}$ " stroke. Piston Displacement 236.6 cu. in. 6.6 to 1 compression ratio. Taxable H.P. 28.36. U-Slot, cam ground, aluminum alloy pistons. Two oil control and two compression rings per piston. Removable, precision type connecting rod and main bearings. "Floating Power" engine mountings.
  - **OVER 17 FEET IN LENGTH**— $121\frac{1}{2}$ " wheel-base. Overall length  $207\frac{1}{4}$ ". Overall width  $75\frac{5}{8}$ ".
  - **SAFE-STOP BRAKES**—Hydraulic, 11 inch drums.  $173\frac{1}{2}$  sq. in. brake lining area. Two cylinders used in each front brake. Parking brake a separate system, located at rear of transmission.
  - **LEVEL RIDE SPRINGING**—Independent type front suspension with "Amola" Steel Coil Springs. Rear springs semi-elliptic  $53\frac{5}{8}$ " x  $1\frac{3}{4}$ " with "Amola" Steel leaves. Rubber-mounted sway eliminator in front, and Rubber-mounted transverse sway strut in rear. Hydraulic, double acting, telescopic shock absorbers—front and rear.
  - **FULL PRESSURE LUBRICATION**—Full pressure to all main, lower connecting rod, and camshaft bearings. Gerotor (rotary) oil pump. Floating oil intake. Oil filter standard equipment. Crankcase capacity 5 quarts.
  - **BALANCED CRANKSHAFT**—Fully balanced crankshaft of drop-forged steel with vibration damper at front. Four main bearings of removable precision type.
  - **EFFICIENT COOLING**—Full length water jackets. Cylinder block water distributor tube. Four blade  $17\frac{3}{4}$ " fan. By-Pass thermostat circulation control. Water capacity  $4\frac{1}{4}$  gallons.
  - **EXTRA CAPACITY GENERATOR**—35 amperes capacity, with current and voltage regulators.
  - **gýrol FLUID DRIVE WITH "TIP-TOE" SHIFT gýrol Fluid Drive**—Unit located at rear of engine, between crankshaft and clutch, replacing flywheel. Its function is to transmit power through liquid, eliminating mechanical connection between engine and clutch.  
**"Tip-Toe" Shift Transmission**—Four speeds forward. All helical gears. Synchronous meshing for all forward speeds. Lever control for selection of reverse, and forward "Low Range" and "High Range." Gears *hydraulically* shifted down or up into the two speeds of either range—controlled by pressing or releasing the accelerator pedal. Transmission ratios: Fourth—1.00 to 1, Third—1.75 to 1, Second—2.04 to 1, First—3.57 to 1, Reverse—3.99 to 1.
  - **HEAVY DUTY BATTERY**—17-Plate, 110 amp. hrs. capacity. Located under hood in left fender shield.
  - **SILENT CAMSHAFT**—Four bearing camshaft, pressure lubricated, with chain drive.
  - **STURDY DRIVESHAFT**—Three inch tubular. Two cross type universal joints, with roller bearings. Hotchkiss type—all drive and torque taken through rear springs.
  - **POSITIVE FUEL SYSTEM**—Mechanical diaphragm pump. Self cleaning oilite screen filter unit located in bottom of fuel tank. Automatic electric and thermostatic choke control. Heavy duty oil bath air cleaner. Gas tank capacity 17 gallons.
  - **SAFETY-RIM WHEELS**—Steel disc type wheels with exclusive Chrysler Corporation Safety-Rim. 6.50 x 15 tires.
  - **SILENT REAR AXLE**—Hypoid, semi-floating. Standard rear axle ratio 3.9 to 1. With FLUID DRIVE and "TIP-TOE" SHIFT TRANSMISSION, 3.73 to 1 standard—3.54 to 1 optional.
- ● ●
- **PLUS . . .** Large luggage compartment . . . All steel rust proofed body . . . Rubber float body mountings . . . Safety Signal speedometer . . . Oilite self-lubricating bearings . . . Rotary door latches . . . Shockproof steering . . . Dual electric windshield wipers on Custom and "Tip-Toe" Shift models . . . Sealed beam headlights . . . Concealed running boards . . . Air cooled clutch . . . Engine oil filter . . . Outside door locks on both front doors . . . Glove compartment lock . . . Dual sun-visors . . . Dual Air-tone horns . . . Large oil-bath air cleaner.

Specifications subject to change without notice

# COLOR COMBINATIONS

## DE LUXE AND CUSTOM MODELS

106—Black	406—Bermuda Beige
213—Carmel Blue	409—Hawaiian Tan
216—Monterey Blue	513—Pearl Gray
314—Gem Green	516—Gunmetal
317—Zircon Green	612—Royal Maroon

## TWO-TONE COLOR COMBINATIONS

Available at extra cost on all body types except the Custom Convertible Coupe. Wheels painted to match lower colors.

924—Upper—Carmel Blue Lower—Monterey Blue	929—Upper—Gunmetal Lower—Pearl Gray
927—Upper—Zircon Green Lower—Gem Green	932—Upper—Bermuda Beige Lower—Hawaiian Tan

# UPHOLSTERY

## DE LUXE MODELS

907—Broadcloth—Neutral Tan standard in all body types and with all colors.

## CUSTOM MODELS (Except Convertible)

908—Tan Broadcloth—Available with Black, Bermuda Beige, Hawaiian Tan, Royal Maroon, Bermuda Beige—Hawaiian Tan Combination.

909—Green Broadcloth—Available with Gem Green, Zircon Green, Gunmetal, and Zircon Green—Gem Green Combination.

901—Blue Broadcloth—Available with Carmel Blue, Monterey Blue, Pearl Gray, Carmel Blue—Monterey Blue Combination, and Gunmetal—Pearl Gray Combination.

# BODY TYPES

## DE LUXE MODELS

4-Door Sedan	2-Door Sedan
Club Coupe	3-Passenger Coupe

## CUSTOM MODELS

4-Door Sedan	Brougham
Club Coupe	Convertible Coupe
7-Passenger Sedan	7-Passenger Limousine

# RADIOS • HEATERS

## ● RADIOS

MoPar "802"—Eight tube—color-tone control—five automatic push buttons—full size electro-dynamic speaker—all-electric permeability tuning—sensitivity control for increased power—two antenna compensators for peak sensitivity—custom installation in instrument panel.

MoPar "602" — Six tube — 7" electro-dynamic speaker—4 automatic push buttons—3 position push button tone control—mechanical permeability tuning—custom installation in instrument panel.

ANTENNA—Cowl concealed, manually operated, telescopic antenna. Chrome finish.

## ● HOT WATER HEATERS

"COMFORT MASTER" with extra large heater core to assure plenty of heat and defrosting efficiency. Installation under instrument panel and out of way. All controls conveniently located on instrument panel.

"DELUXE" hot water heater with greater heat output—better distribution, improved defrosting, makes this heater an exceptional value. Because of compact design and high mounting on dash, original leg room is maintained.

## ● ALL-WEATHER AIR CONTROL SYSTEM

A system designed and manufactured by Chrysler Corporation to provide adequate, uniform heat in all parts of the car, with no direct blasts on anyone.

By the introduction of large volumes of fresh, filtered air through the cowl vent, clear vision is obtained through all windows and windshield under practically all car operating conditions. Installation is practically concealed behind instrument panel, with no interference in leg room.

Temperature, Fans, Defroster, Outside and Inside Door Controls are all in center of instrument panel, within easy reach of driver.