FORD V8 CUSTOMLINE



V8 O.H.V. Engine. No. of Cylinders—8. Bore and Stroke—3.625 x 3.30. Piston Displacement—Cubic capacity—272 cu. in. Compression Ratio—6.8:1. Taxable H.P.—42 R.A.C.

GEARBOX (Transmission)—Type 3 speeds forward I speed reverse. All gears helical type. Ratios: first 2.57:1, second 1.63:1, third 1:1, Reverse 3.13:1. How engaged—Gear change lever on steering column. First and reverse—Sliding gear. Second and third—Constant mesh with blocker type synchroniser.

CHASSIS—Structure: Five cross member, box section chassis frame of double drop design cross member incorporated with K bar. Frame side rails of $4'' \times 3\frac{3}{2}''$ and now with continuous weld box section for full length.

FRONT SUSPENSION—New angle poised Ball-Joint Suspension. Rubber bushed tilted, transverse link type with ball-joints; coil springs with tubular shock absorbers; rubber bushed, 3 piece ride stabilizer.

REAR SUSPENSION—Type—Longitudinal semi-elliptic leaf springs. Number of leaves—6.

HOTCHKISS DRIVE—Tubular propeller shaft, pre lubricated needle bearings in universal joints.

REAR AXLE—Semi-floating type with hypoid gears: Ratio 3.73:1.

FOOT BRAKE—Type—Duo-Servo (self energising) 4 wheel hydraulic. 192 sq. in. lining area.

HAND BRAKE—Type—mechanical application of rear brakes.

STERING SYSTEM—Type—symmetrical linkage with spring loaded ball-stud in steering cross link, worm and roller type gear. 25.3:1 over-all steering ratio.

TYRES 5-6.70 x 15 x 4-Ply std. super balloon tubeless type tyres.

GENERAL—Wheelbase 115½" Track (Front)—58" Track (Rear)—56" over-all width—75.9", over-all height (design load) 61.0", over-all length 198.5". Crankcase capacity refill Pints—8 (plus 1 pint) for dry filter. Cooling system capacity quarts—20. Fuel Tank Capacity 14¾ gallons.

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FORD V8 FREIGHTER

MODEL F.100 (GVW 5,100 lbs.)



ENGINE: No. of Cylinders—8. Bore and stroke—3.625 x 3.10 ins. Displacement—256 cubic inches. Compression ratio—6.7 to 1.

LUBRICATION: Engine—full pressure feed to all main crankpin and camshaft bearings: oil pan—clean out plate in bottom of pan. Oil Filter—replaceable cartridge type; crank-case capacity—8 pints (dry); (9 pints with initial fill with oil filter).

FUEL SYSTEM: Carburettor—dual down-draught. Air cleaner—heavy duty oil bath l^{+}_{\pm} pints capacity. Fuel tank—16.5 gallons outside left hand rail.

ELECTRICAL SYSTEM: Battery—heavy-duty 6-volt, generator—34 amp.; ignition—vacuum controlled system, fully automatic distributor. Metal clad coil, open wiring in

rubber grommets.

TRANSMISSION: Type—3 speed heavy-duty Helical
Synchronizers, 2nd and High with steering column gear shaft
lever. Gear ratios (to 1) First 3.71; Second 1.87; High 1.00;
Reverse 4.59. Lubricant capacity—4.5 pints.

FRAME: Parallel channel side rails with 4 cross members.

SPRINGS: Semi-elliptic, alloy steel, front and rear.

COOLING SYSTEM: Capacity—19 quarts.

DRIVE LINE: Type—Hotchkiss straight line drive.

AXLE FRONT: Type—Reverse Elliot modified I beam.

AXLE REAR: Type—Single speed semi-floating. Hypoid gear, Ratios 3.92:1. Lubrication capacity—3 pints.

BRAKES: Hydraulic single anchor self energising.

HAND BRAKE: Cable with equalizer applying on rear wheel.

STEERING: Type—worm and dual row needle bearing

WHEELS AND TYFES: Wheels—16 x 4½—K steel disc. Tyres—6.50 x 16 x 6-ply.

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roller. Ratio 18.2 to 1.

FORD V8 TRUCK

MODEL F.500 (GVW 14,500 lbs.)



ENGINE: No. of cylinders—8. Bore and stroke—3.625 x 3.10 ins. Displacement 256 cu. inches. Compression ratio—6.7:1.

ENGINE LUBRICATION: Full pressure feed to all main crankpin and camshaft bearings; oil pan fan—clean out plate in bottom of pan. Oil filter—replaceable cartridge type. Crankcase capacity—8 pints (dry). (9 pints with initial fill with oil filter).

FUEL SYSTEM: Carburettor—dual down-draught. Air cleaner—heavy duty oil bath 1½ pints capacity. Fuel tank—16.5 gallons outside left hand rail.

ELECTRICAL SYSTEM: Battery—heavy duty 6-volt; generator—34 amp.; ignition—vacuum controlled system, fully automatic distributor. Metal clad coil, open wiring in rubber grommets.

TRANSMISSION: Type—4 speed Synchro-Silent, floor change; lubricant capacity—6½ pint. Gear positions and ratios (to 1): First 6.40; Second 3.09; Third 1.69; High 1.00; Reverse 7.82.

FRAME: Type—heavy duty; side rail—parallel channel section. Cross members- flanged "U" type with Alligator Jaw and channel sections.

SPRINGS: Semi-Elliptic, alloy steel, front and rear.

COOLING SYSTEM: Capacity 19 quarts.

DRIVE LINE: Type—Hotchkiss straight line drive.

AXLE FRONT: Type—Reverse Elliott modified—I Beam.

AXLE REAR: Single-speed, full floating type, Hypoid gear. Ratio 6.2:1. Lubrication capacity 11.25 pints.

BRAKES, FRONT: Single anchor self energising.

BRAKES, REAR: Hydraulic two cylinder independently anchored.

HAND BRAKE: Location—alongside gear shift lever—operating on transmission brake drum and external band.

STEERING: Type—Worm and dual row needle bearing roller. Ratio 20.4 to 1.

WHEELS AND TYRES: $7-5.0 \times 20$ Steel Disc. Tyres 6-6.50 \times 20 \times 6 ply (8 ply optional extra cost).

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FORD V8 TRUCK

MODEL F.500 (GVW 11,000 lbs.)



ENGINE: No. of cylinders—8. Bore and stroke—3.625 x 3.10 ins. Displacement 256 cubic inches, compression ratio 6.7:1.

ENGINE LUBRICATION: Full pressure feed to all main crankpin and camshaft bearings; oil pan—clean out plate in bottom of pan. Oil filter—replaceable cartridge type. Crankcase capacity—8 pints (dry); (9 pints with initial fill with oil filter).

FUEL SYSTEM: Carburettor—dual down-draught. Air cleaner—heavy duty oil bath $1\frac{1}{2}$ pints capacity. Fuel Tank—16. 5 gallons, outside left hand rail.

ELECTRICAL SYSTEM: Battery—heavy duty 6-volt; generator—34 amp.; ignition—vacuum controlled system, fully automatic distributor. Metal clad coil, open wiring in rubber grommets.

TRANSMISSION: Type—4 speed Synchro-Silent, floor change; lubricant capacity—6½ pints. Gear positions and ratio (to 1): First 6.40; Second 3.09; Third 1.69; High 1.00; Reverse 7.82.

FRAME: Type—heavy duty; side rail—parallel channel section. Re-inforcement specially formed channel inside side rail; cross members—flanged "U" type with alligator jaw and channel sections.

SPRINGS: Semi-elliptic, alloy steel front, rear, auxiliary.

COOLING SYSTEM: Capacity—19 quarts.

DRIVE LINE: Type—Hotchkiss straight line drive.

AXLE FRONT: Type—Reverse Elliott modified—I Beam.

AXLE REAR: Single-speed full floating type, Hypoid

gear. Ratios 6.2 to 1. Lubrication capacity—11,25 pints.

BRAKES REAR: Vacuum assisted, hydraulic two cylinder,

BRAKES REAR: Vacuum assisted, hydraulic two cylinder, independently anchored.

BRAKES FRONT: Single anchor self energising.

HAND BRAKE: Location—alongside gear shift lever—operating on transmission brake drum and external band.

STEERING: Type—Worm and dual row needle bearing roller. Ratio 20.4 to 1.

WHEELS AND TYRES: Wheels 7—6.0 \times 20 steel disc. Tyres 6—7.50 \times 20 \times 8 ply (10 ply opt. extra cost).

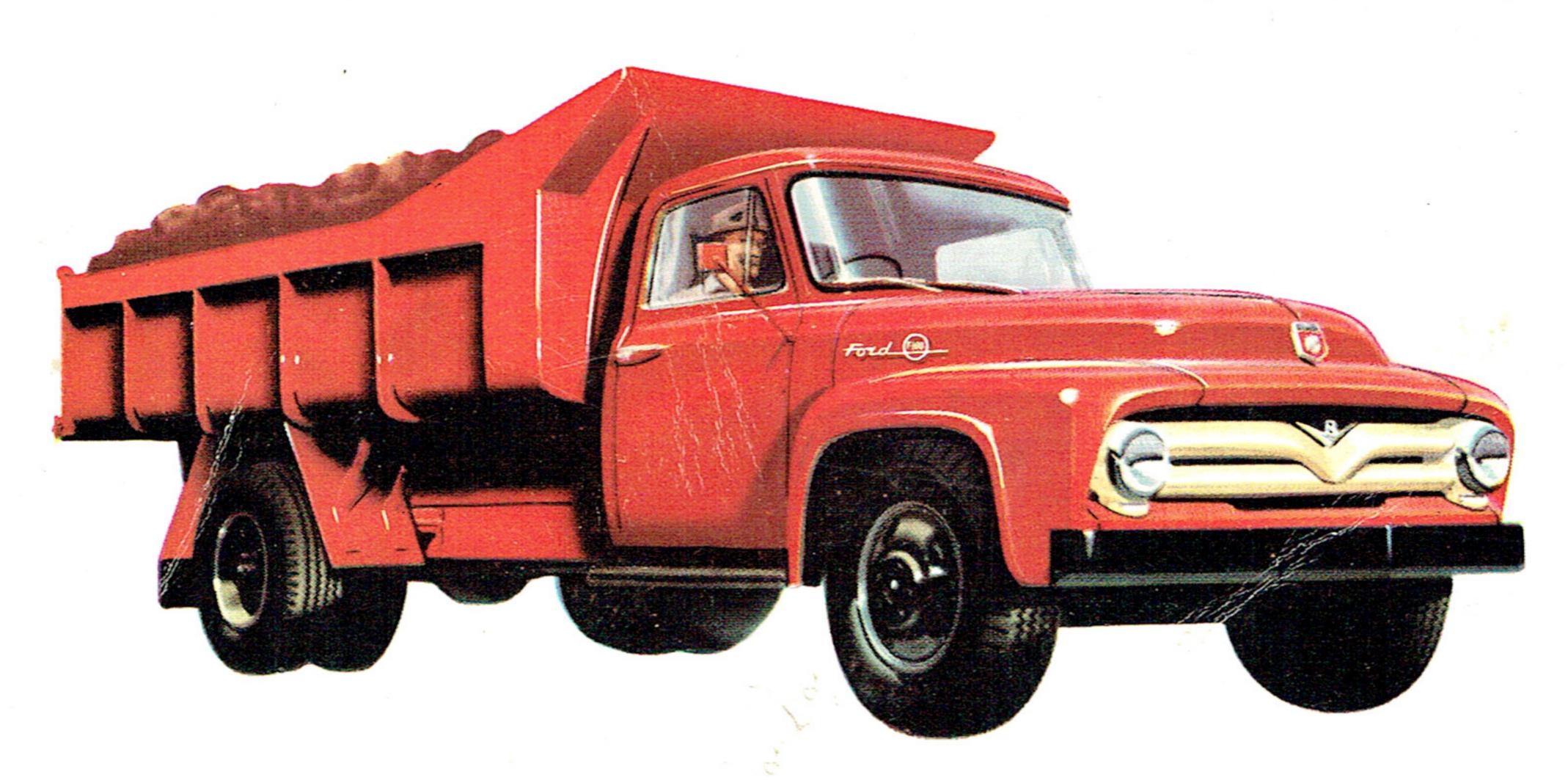
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FORD V8 TRUCK

MODEL F.600 (GVW 18,000 lbs.)



FORD V8 MAINLINE

