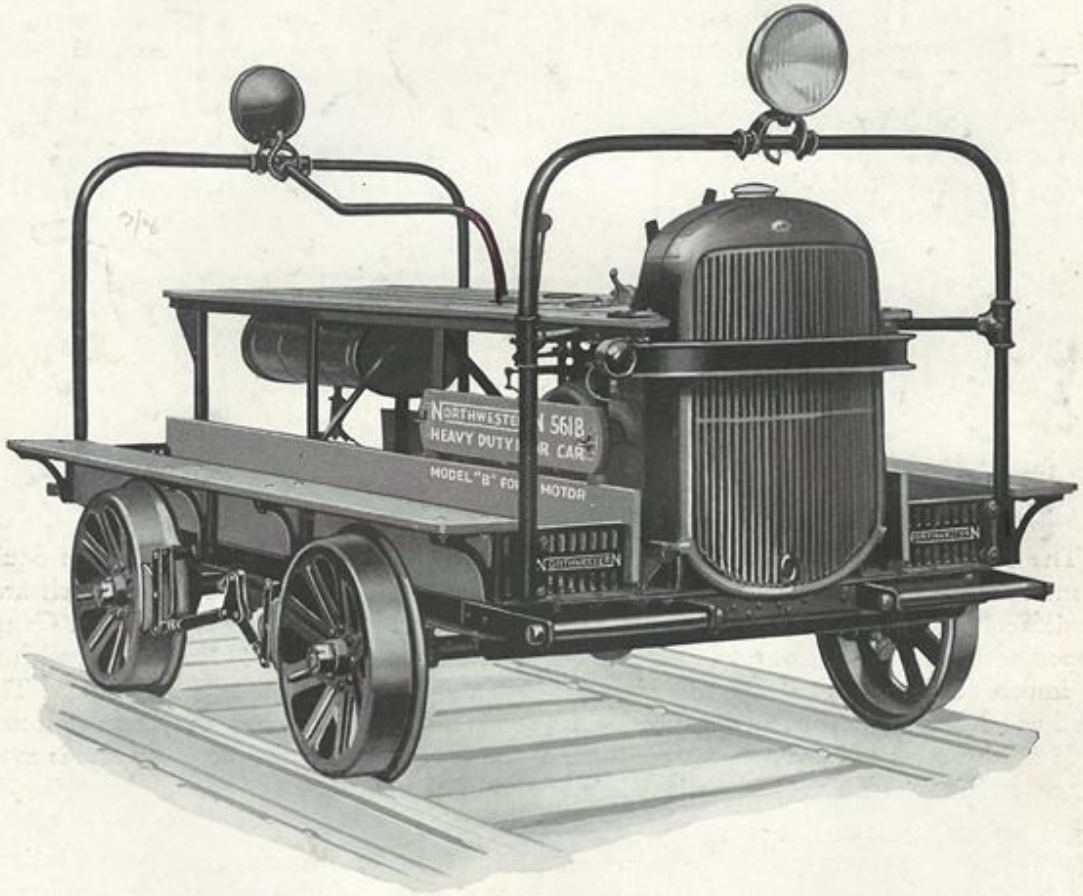
NORTHWESTERN 561B

HEAVY DUTY EXTRA GANG CAR

STANDARD FORD MOTOR MODEL "B"—50 H. P.



FOR ALL HEAVY DUTY SERVICE

For Hauling Extra Large Gangs—Bridge Crews—Telegraph and Signal Gangs — Construction Crews—and For Hauling Weed Mowers, Ballast Discers, Air Compressors and Electric Welding Equipment.

NORTHWESTERN MOTOR COMPANY

EAU CLAIRE, WISCONSIN, U. S. A.

Printed in U. S. A.

Bulletin 6134

SPECIFICATIONS: NORTHWESTERN 561B EXTRA GANG CAR

CAR SPECIFICATIONS

TYPE: Heavy Duty Extra Gang Car, center load type, equipped with standard Ford Motor Model "B" 50 H. P., reversible transmission and chain drive for hauling extra large gangs, bridge crews, telegraph construction gangs, for hauling weed mowers, ballast diseers, air compressors, electric welding equipment and all heavy duty service.

SEATING CAPACITY: Type 561 B seats 12 men. Type 561 BH Hump Car seats 24 men.

HAULING CAPACITY: 200 men with trailers.

CONSTRUCTION: Structural all steel frame made from 3-inch 6-lb. channel electric arc welded and reinforced with gussets holding all mechanical parts in perfect alignment.

WHEELS: Heavy duty 20-inch diameter pressed steel wheels with steel hubs welded to pressed steel section, standard MCB flange. 5/16" plate.

INSULATION: 3 wheels insulated to prevent setting of electrical signals. Loose wheel provided with replaceable bronze bushing. Fibre and bronze bushings are the same size and interchangeable to all wheels.

AXLES: 2-inch diameter SAE 1045 axle steel with standard taper both ends.

AXLE BEARINGS: 5 heavy duty double Timken roller bearings on car axles.

THRUST COLLARS: 5 adjustable clamp type thrust collars on axles—prevent lateral thrust. Timken bearings are adjustable for wear.

DRIVE: Beveled gear and chain drive to drive axle. Equal high, intermediate and low speeds forward and reverse. Sprockets and chain easily adjusted or replaced. Inexpensive to maintain.

GEAR RATIOS: Low gear to rear axle 10⅜ to 1. Intermediate 5⅞ to 1. High gear to rear axle 3-2/3 to 1.

TRANSMISSION: Patented automatic all gear reversible transmission with one lever shift control is an exclusive and patented feature on Northwestern heavy duty gang cars.

CONTROLS: Spark, throttle, shift and brake levers all within convenient reach of one operator.

GASOLINE SUPPLY: Standard Ford type tank with sediment bulb. Capacity 10 gallons.

LUBRICATION: Ratchet pressure grease cups provided on all bearings. Oil cups furnished when specified.

WHEEL BASE: Standard 52 inches or special as required.

GAUGE: Standard 56½ inches or special as required.

LOAD CAPACITY: 6,000 lbs.

SPEED: 3 to 34 miles per hour either direction. Special sprocket ratios to increase or decrease car speed can be furnished when required.

DIMENSIONS: Length overall 113 inches. Width overall 64 inches. Length of car platform 102 inches. Width of car platform 51 inches. Height of car platform over rails 15½ inches.

SAFETY EQUIPMENT: Improved standard safety rails both ends of car. Extension lift handles on rear end, malleable tool tray guards and standard Ford starter are furnished as standard equipment at no additional cost.

EXTENSION LIFT HANDLES: All steel extension lift handles are furnished at no additional cost, reducing the lifting weight of the rear end of the car with handles extended to 400 lbs., enabling two men to handle car at grade crossings or motor car set-off.

WHEEL GUARDS: Strongly reinforced white oak wheel guards on both sides of car to form deep tool trays and provide maximum protection over wheels.

DRAWHEAD: Strong adjustable steel drawhead furnished on rear end of car.

FOUR WHEEL BRAKES: Improved self-equalizing adjustable 4-wheel brakes with iron lined shoes. The greatest improvement and safety feature on a railway motor car.

DEEP TOOL TRAYS: Trays on both sides are 9 inches deep, 11 inches wide and with ample length to accommodate the longest track tools.

TOOL BOX: Strong all steel tool box to hold tools and fuses.

WEIGHT: Net 2025 lbs. Lifting weight rear end with lift handles extended 400 lbs.

COLOR: Railway car brown. All metal parts black. Will furnish in any color and stencil according to every railway's requirements.

EQUIPMENT FURNISHED: Complete set of tools, repair part lists and instruction books packed in metal tool box.

SPECIAL MODELS: Special chassis and enclosed bodies with every type of seating arrangement can be furnished on application.

LIGHTING EQUIPMENT: Lighting equipment consisting of one standard Ford head light and one standard Ford tail light mounted on each end of car and operated in two separate series furnished at slight additional cost when required.

ENGINE SPECIFICATIONS

ENGINE: Standard Ford Motor Model "B" 50 H. P. (For complete engine specifications see Ford Manual).

BORE: 3⅞ inches . STROKE: 4¼ inches.

BRAKE HORSE POWER: 2200 R.P.M.—50 H. P. The actual horsepower as above listed is a true rating. The Ford Motor is recognized as the most powerful, economical and efficient power unit on the market.

IGNITION: Standard Ford battery ignition.

RADIATOR: Standard Ford radiator.

STARTING EQUIPMENT: Standard Ford starting equipment furnished as standard. Lighting equipment furnished when required.

WORLD WIDE SERVICE: Insured [illegible] service and replacement parts available through authorized Ford representatives throughout the world.

B.T. Ferry Vintage Automotive

NORTHWESTERN MOTOR COMPANY

Factory and General Offices: Eau Claire, Wisconsin, U. S. A.