



*QUALITY
ALL THE
WAY*

INTERNATIONAL MOTOR TRUCKS

AB SERIES MODEL AB-182



ESSENTIAL INFORMATION MODEL AB-182

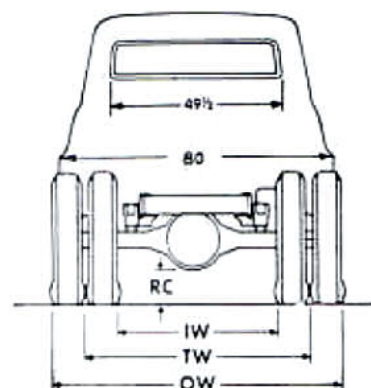
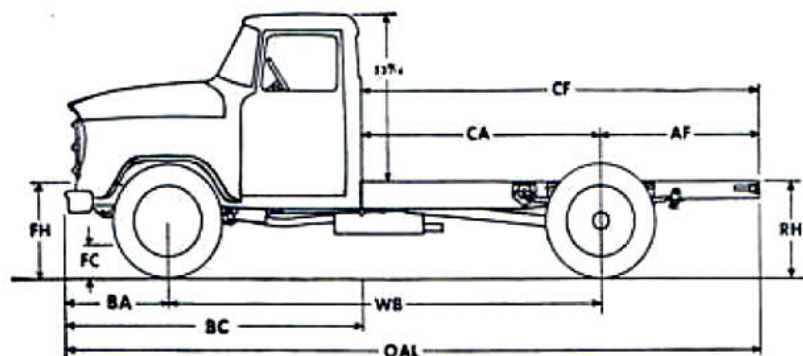
weight ratings

Wheelbase, inches	153	171	189
Gross vehicle weight, lb. (9.00-20, 12 ply tyres)	23500	23500	23500
Gross combination weight, lb. (9.00-20, 12 ply tyres)	43500	43500	43500
Payload, inc. body weight (truck with cab), lb. Cab and chassis weight, including oil, water, 2 galls. fuel and spare tyre, lb.	17086	16866	16787
Front axle	3520	3465	3504
Rear axle	2894	3169	3209
Total	6414	6634	6713
Axle Capacities, lb.: Front Rear	7000 18000	7000 18000	7000 18000

chassis dimensions, inches

Wheelbase	(WB)	153	171	189
Overall length including bumper	(OAL)	245 5/16	263 5/16	281 5/16
Back of cab to rear axle	(CA)	84	102	120
Rear axle to end of frame	(AF)	56	56	56
Frame length from back of cab	(CF)	140	158	176
Bumper to front axle	(BA)	36 5/16	36 5/16	36 5/16
Bumper to back of cab	(BC)	105 5/16	105 5/16	105 5/16
Height to top of chassis frame, 9.00-20 tyres: Front loaded	(FH)	32	32	32
Rear loaded	(RH)	32 3/8	33 1/4	33 1/4
Rear empty	(RH)	36 1/4	36 3/4	36 3/4

Road clearance, 9.00-20 tyres: Front axle Rear axle	(FC) (RC)	11 1/2 9 5/8	11 1/2 9 5/8	11 1/2 9 5/8
Width, cab (external step)		86 1/2	86 1/2	86 1/2
Maximum overall width (rear axle)	(QW)	91 3/4	91 3/4	91 3/4
Tread: Front wheels	(TW)	67 1/16	67 1/16	67 1/16
Rear wheels	(TW)	70	70	70
Inside width	(IW)	49	49	49
Turning radius, ft.		25 1/2	28 1/2	36
To centre line of tyre		27 1/4	30	39 1/2
With bumper clearance				



standard specifications

FRAME: Pressed steel channel 9" x 3" x 1/4". Inverted 9 1/4" x 3 1/4" x 3/4" L-type reinforcement.

ENGINE: International AGD-282 six-cylinder valve-in-head type, 3 13/16" bore, 4 1/8" stroke, displacement 282.546 cu. in. Compression ratio 6.8 to 1. Horsepower—R.A.C. rating 34.8 max, brake 148 @ 3800 r.p.m. Max. torque 243.5 lb. ft. @ 1800 r.p.m. Four steel-back, precision, removable-shell main bearings with max. projected area of 16.502 sq. in. Sodium-cooled exhaust valves. Roto coil inlet and exhaust valves. Exhaust-valve inserts.

LUBRICATION: Full pressure to all main, connecting-rod and camshaft bearings. Full-flow oil-filter system with removable-cartridge. Crankcase capacity 9 pints (refill).

COOLING SYSTEM: Centrifugal pump, balanced circulation. V-belt driven. Fin-and-tube radiator. Large-capsule type thermostat. Capacity, entire system 13.5 quarts.

ELECTRICAL SYSTEM: 12-volt. Vacuum-control, full automatic distributor. Battery 61 amp. hr. capacity, 30 amp. generator. Four sealed-beam headlights, parking lights located below headlights. Side mounted flashing turn indicators.

FUEL SYSTEM: Horizontal diaphragm, camshaft-driven fuel-pump. Downdraft carburettor. Oil-bath air-cleaner. Fuel tank 17 1/2 gallon, located under cab skirt, right side.

CLUTCH: 12" diameter, with roller type fingers. Vibration damper. Lining area 133.1 sq. in.

TRANSMISSION: Synchromesh. Five speeds forward; ratios—7.17, 3.96, 2.36, 1.41 and 1.00 to 1. One reverse speed; ratio—7.02 to 1. P.T.O. openings on right and left sides. Lubricant capacity 10 pints.

PROPELLER SHAFT: Dynamically balanced, heavy-gauge steel-tubing. Needle-bearing, anti-friction universal joints.

AXLE, FRONT: Forged, heat-treated, drop-centred I-beam. Steering knuckles of drop-forged, heat-treated, nickel-chrome-molybdenum steel.

AXLE, REAR: Full floating, two-speed, electric-shift, spiral bevel type. Four pinion planetary-spur reduction gears (for low ratio). Hotchkiss drive. Chrome-molybdenum-steel axle shafts. Heat-treated, one-piece, tubular banjo-type steel housing. Pinion overhung. Ratios 6.50/9.04 to 1.

BRAKES, HAND: External contracting on propeller shaft. Lining area 74.46 sq. in.

BRAKES, SERVICE: Hydraulic—vacuum booster. Both primary and secondary shoes equally effective in either forward or reverse direction. Oil-bath vacuum-line air-cleaner. Total effective lining area 467.0 sq. in.

SPRINGS: Semi-elliptic. Front 46" x 2 1/4". Rear 54" x 3". Auxiliary 34" x 3".

STEERING: Semi-reversible cam and roller-mounted twin-lever gear. 19" diam. safety type steering wheel. Ratio 22 to 1.

WHEELS: Cast spoke.

TYRES: 9.00-20, 12 ply, duals rear.

CAB: Full width, padded seat and back cushions with vinyl-coated covering; seat adjustable 4". Safety glass windshield, windows and Silent-Vent window wings. Safety type door latches, left-door lock. Large externally mounted rectangular rear-vision mirror. Dual electric self-parking windshield wipers. Dual sun-visors. Ash-tray. Glove compartment. Vinyl-coated head-liner. Heavy-duty insulated floor mat. Concealed upper steps.

STANDARD EQUIPMENT: Cab and chassis, front bumper, spare wheel, tool-kit and jack.

FINISH: Frame, wheels, bumper and external step, black. Choice of six colours on fenders, hood and cab.

COLOURS: Granite grey, Goulburn green, Broome blue, Nullarbor beige, Harvester red, Harvester green.

OPTIONAL EQUIPMENT:

Frame: Chrome front bumper.

Springs: 6000 lb. capacity front springs. (Recommended for semi-trailer applications.)

Cab:
Cowl with windscreen and header-panel.
Crew cab. Parcel shelf.

Tyres: 10.00-20 12 ply (for 24500 lb. G.V.W.).

In order that product improvements may be introduced at any time, the right is reserved to change specifications without notice. Illustrations shown may include non-standard items.

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