

# L | SERIES

## 2021 HINO L7A

ALL 2021 MODELS REQUIRE ULTRA-LOW SULFUR DIESEL FUEL

### ENGINE

Model	J08E-VB
Displacement	7.7L
Type	6-cyl, in-line, water cooled
Max. Output (SAE Gross)	260hp @ 2500rpm
Max. Torque (SAE Gross)	660 lb-ft. @ 1500rpm
Fuel System	Denso Common Rail, direct injection

### POWERTRAIN & PERFORMANCE

GVWR, kg (lbs.)	14,950 (33,000)	
GCWR, kg (lbs.)	14,950 (33,000)	
Maximum Speed, km/hr	104	
Gradeability (tan θ) %	39.5	
Rear Axle Ratio	5.57	
Transmission	Model	Allison 2500 RDS (PTO capable)
	Type	6-speed automatic
Ratio	1st	3.512
	2nd	1.896
	3rd	1.439
	4th	1.000
	5th	0.737
	6th	0.643
Rev.	5.086	

### WEIGHT CAPACITIES, kg (lbs.)

GAWR - Front Axle	5,440 (12,000)
GAWR - Rear Axle	9,530 (21,000)

### AXLE / SUSPENSION

Front Axle	Reversed Elliot, "I" beam, oil lubricated
Front Spring	Taper-leaf springs with shock absorbers
Rear Axle	Full-floating, single reduction; single-speed hypoid gears
Rear Spring	Semi-elliptic leaf spring

### WHY DRIVERS LOVE OUR TRUCKS

Air conditioning
Tilt & telescopic steering column with lock
Power windows
Power door locks with keyless entry
Power and heated outer rearview mirrors
Convex mirror (2)
Driver's seat - high-back seat with air suspension & arm rest
Passenger seat - 2-person high-back bench seat
Cruise control
Exhaust brake
Glow plug cold weather starting aid
1000W/120V engine block heater
LED low & high beam
Air horn

### FRAME

Ladder Type	Straight C channel
Width, mm (in)	863 (34)
Yield Strength, kg/mm <sup>2</sup> (psi)	56.2 (80,000)
Resisting Bending Moment, one side kgf-mm (in-lbs.)	1,475,588 (1,280,800)
Tow hook	One, front right side

### CHASSIS EQUIPMENT

Fuel Tank ltr. (US gallon)	189 (50) mounted under cab, left side
Bumper	White, 3-piece
Fuel pre-filter	Heated fuel water separator
Radiator Grille	Chrome
DEF Tank ltr. (US gallon)	19 (5.0)

### WHEELS / TIRES

Wheels	22.5 x 8.25, 10-stud disc
Tires	Bridgestone 11R22.5
Pattern	Front: Rib, Rear: Lug

### ELECTRICAL EQUIPMENT

Batteries	Two 12V, parallel connection, 1300 CCA
Alternator	12V, 135A, brushless
Starter kW (hp)	12V, 4.8 (6.4)
Audio System	AM/FM audio system with Bluetooth®

### BRAKES

Service Brake	Full air, dual circuit, 4-wheel drum with ABS
Parking Brake	Spring brake acting on rear wheels

### OPTIONAL EQUIPMENT

Hendrickson rear air suspension
Alcoa aluminum wheels
90-gallon driver's side fuel tank OR Dual 50-gallon fuel tanks
Multimedia audio system with Bluetooth® and Navigation
Batteries (see Dealer for available options)
Allison 2500HS Transmission available only on 253" and 271" wheelbase
Cab paint, exterior (see Dealer for available colours)
Differential lock
21,000 lbs. "Severe Duty" air suspension
Orange seat belts

### HINO PREVENTIVE CARE (HPP)

1-year scheduled maintenance included, up to 50,000 kms.
Complimentary engine oil changes and chassis lubrication services for years 2 and 3, up to 150,000 kms.

### HINOWATCH

No-charge, 24-hour roadside assistance for the first 3-years of ownership. HINOWATCH covers lockout service, battery jump-start and towing on warrantable repairs (max. of \$1,000 per tow).
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DIMENSIONS mm (in)	L7A-187	L7A-205	L7A-217	L7A-235	L7A-253	L7A-271
Wheelbase	4,750 (187.0)	5,207 (205.0)	5,512 (217.0)	5,969 (235.0)	6,426 (253.0)	6,883 (271.0)
Cab to axle	3,038 (119.6)	3,495 (137.6)	3,800 (149.6)	4,257 (167.6)	4,714 (185.6)	5,171 (203.6)
Overall length	8,829 (347.6)	9,286 (365.6)	9,591 (377.6)	10,048 (395.6)	10,505 (413.6)	10,962 (431.6)
Overall height	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)	2,710 (106.7)
Overall width	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)	2,485 (97.8)
Frame height at rear axle	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)	995 (39.2)
Rear overhang	3,048 (120.0)	3,048 (120.0)	3,048 (120.0)	3,048 (120.0)	3,048 (120.0)	3,048 (120.0)
Turning radius - tire	7,690 (302.8)	8,350 (328.7)	8,790 (346.1)	9,460 (372.4)	10,120 (398.4)	10,790 (424.8)
Turning radius - swept	8,210 (323.2)	8,870 (349.2)	9,310 (366.5)	9,980 (392.9)	10,640 (418.9)	11,310 (445.3)
CHASSIS WEIGHT	L7A-187	L7A-205	L7A-217	L7A-235	L7A-253	L7A-271
Front axle kgs (lbs.)	2,940 (6,480)	2,990 (6,590)	3,000 (6,615)	3,050 (6,720)	3,080 (6,790)	3,125 (6,890)
Rear axle kgs (lbs.)	1,650 (3,640)	1,660 (3,660)	1,670 (3,680)	1,650 (3,640)	1,650 (3,640)	1,665 (3,670)
Total weight kgs (lbs.)	4,590 (10,120)	4,650 (10,250)	4,670 (10,295)	4,700 (10,360)	4,730 (10,430)	4,790 (10,560)

### NOTE :

All specifications are with normal manufacturing allowances and tolerances. HINO MOTORS CANADA, LTD. reserves the right to alter specifications at any time without prior notice.

