

# 2011 HINO 258ALP

4 X 2 CONVENTIONAL GVW: 25,500 LBS. BBC: 108" ENGINE MODEL: J08E-VC (TURBO INTERCOOLED)



A Toyota Group Company

## DIMENSIONS

Wheelbase	A in.	152.0/G	175.0/J	187.0/L	205.0/M	212.0/N	217.0/P	235.0/R	253.0/T	271.0/V
Overall length	B in.	242.6	278.6	302.6	320.6	354.6	354.6	372.6	390.6	390.6
Overall width	C in.	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
Overall height	D in.	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6
Cab to axle	E in.	84.6	107.6	119.6	137.6	144.6	149.6	167.6	185.6	203.6
Rear overhang	F in.	50.0	63.0	75.0	75.0	102.0	97.0	97.0	97.0	79.0
Frame height at										
Front axle	G in.	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
Rear axle	H in.	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
Road clearance (at diff. axle)	J in.	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
Tread										
Front	K in.	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
Rear	L in.	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
Turning radius										
Curb to Curb	ft.	42.3	47.9	50.9	55.2	57.0	58.2	62.6	67.0	71.4
Wall to Wall	ft.	45.7	51.3	54.3	58.7	60.4	61.6	66.0	70.4	74.8

## ENGINE

Model	J08E-VC
Type	Diesel 4-cycle, 6-cylinder in-line water-cooled, dry cylinder line
Combustion system	Direct injection type
Max. output (SAE Gross)	220HP at 2,500 rpm
Max. torque (SAE Gross)	520 lb.-ft. at 1,500 rpm
Bore and stroke	4.41 x 5.12 in.
Piston displacement	8 L
Fuel injection system	Common rail (HP-4)
Governor	Electronically controlled
Intake system	Turbocharged and intercooled
Air cleaner	Paper filter type (Donaldson)
Fan clutch	Bimetal thermostat sensor regulates fan speed
Glow plugs	Standard
Air compressor	Single cylinder, 15 cfm @ 1,250 rpm

## CHASSIS WEIGHTS

AT	Total weight	lb.	9,880	9,820	9,890	9,990	10,100	10,110	10,160	10,200	10,240
	Front axle	lb.	5,955	6,115	6,185	6,295	6,340	6,330	6,400	6,475	6,570
	Rear axle	lb.	3,925	3,705	3,705	3,695	3,760	3,780	3,760	3,725	3,670
AMT	Total weight	lb.	10,030	9,960	10,030	10,140	10,250	10,250	10,310	10,340	10,380
	Front axle	lb.	6,105	6,255	6,325	6,435	6,490	6,470	6,550	6,605	6,710
	Rear axle	lb.	3,925	3,705	3,705	3,705	3,760	3,780	3,760	3,735	3,670

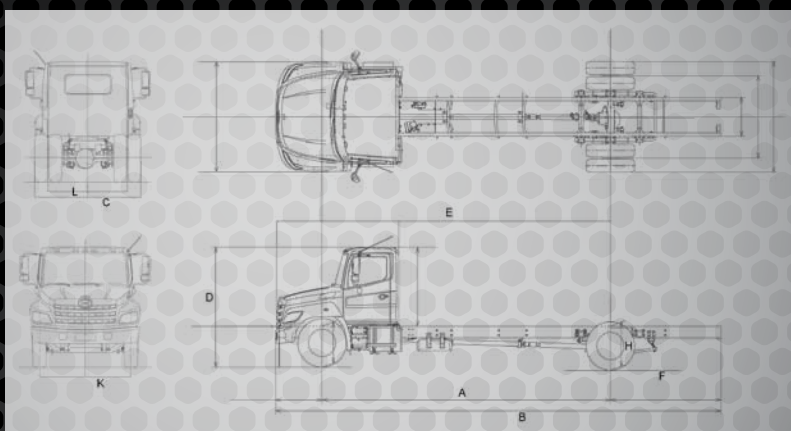
## POWERTRAIN AND PERFORMANCE

25,500 lbs. GVW			
Powertrain		STD	OPT
Max speed mph		85	81
Startability (tan ) %		31.8	37.7
Transmission	Model	Allison 2200RDS	Eaton FO5506B
	Type	Six speed automatic	Six speed over drive
Ratios	1st	3.102	6.545
	2nd	1.811	4.125
	3rd	1.406	2.518
	4th	1.000	1.591
	5th	0.712	1.000
	6th	0.610	0.781
	Rev.	4.492	6.273
Rear axle gear ratios		4.11	3.90
Tires (Standard)		247/70R19.5	

\*Performance data based on standard tires.

## HINOWATCH

HinoWatch (service free of charge)	3 year unlimited roadside assistance - Lockout - Out of fuel - Battery jumpstart - Information - Warranty towing (2 year coverage)
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## WEIGHT CAPACITIES

Front axle	lbs.	8,000
Rear axle	lbs.	17,500
Front spring	lbs.	8,000
Rear spring	lbs.	19,000

## LIQUID CAPACITIES

Fuel tank	gal.	52
Cooling system	gal.	6.6: Allison 2200RDS 6.7: Eaton FO5506B
Engine oil	qt.	16.2

## AXLE/SUSPENSION

Front axle	MFS-12 series reversed Elliot, "I" beam (oil lubricated type)
Front spring	Taper-leaf springs shock absorber
Rear axle	RS17-145 series Full-floating, single reduction Single-speed by hypoid gearings
Rear spring	Semi-elliptic main

## FRAME

Ladder type		Straight C Channel
Width	in.	34
Yield strength	PSI	80,000
Resisting bending moment (one side)	in.-lbs.	1,031,900 (no reinforcement)

## STEERING

Steering column	Tilt and telescopic with lock adjustability
Steering system	TRW recirculating ball, with hydraulic booster, integral type

## WHEELS/TIRES

6 Wheels	19.5 x 6.75 10-stud disc.
Wheel style	Steel, powder coated
6 Tires	245/70R19.5(G)
Tire brand and pattern	Bridgestone Fr-rib Rr-lug type

## BRAKES

Service brake	Full air, dual circuit, "S" cam type, leading and trailing shoes, with automatic adjustment
Disc diameter x pad area (in. <sup>2</sup> ) x thickness (in.)	Front: 15 x 4 x 0.73
	Rear: 15 x 8.625 x 0.73
Control	Full air dual circuit with Antilock Brake System (ABS)
Parking brake	Spring brake acting on rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

## CHASSIS EQUIPMENT

Radiator grille	Chrome
Fuel tank	Aluminum
Fuel pre-filter	Heated pre-filter (dust) and sediment (water)
Reflectors	Two rear, two front side
Tow hook	One at front
Air dryer	NABCO, heated
Air tank	68L

## CAB EQUIPMENT

Air conditioning	Standard
Cab construction	All steel welded
Cigarette lighter	Equipped
Coat hook	One (rear panel)
Cruise control	Standard
Cup holders	Standard
Door pockets	Two
Driver's seat	2-way adjustable seat with arm rest and air suspension, covered with vinyl
Heater/Defroster	18,357 BTU/h
Mirrors, outside rearview	Four, 1-flat and 1-convex at each side
Overhead consoles	Two
Passenger's seat	Bench type, covered with vinyl
Seat belts	3-point type (driver and passenger), one 2-point type (center)
Seating capacity	Three
Speakers	Two
Sun visors	Two
Ventilator	Electric forced air
Windshield	Laminated
Windshield wipers	Dual electric, 2-speed and intermittent

## DASH INSTRUMENTATION

Meters and gauges ft. lb. system
Speedometer-mph (km/h)
Odometer (mile)
Fuel gauge / DEF gauge
Coolant temperature gauge
Engine tachometer
Warning and pilot lamps and buzzers/audio
Oil pressure warning lamp and buzzer
Brake pressure warning lamp and buzzer
Coolant level warning lamp and buzzer
Battery charging warning lamp
High beam indicator lamp
Turn signal pilot lamp
Parking brake warning lamp
Engine control system warning lamp
ABS warning lamp
DEF quantity and quality audio
Driver Information Display (multilingual)
Instant and trip fuel consumption
DPR monitor
Maintenance
Engine/vehicle diagnostics

## ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12V
Capacity	1200 CCA
Alternator	12 V, 130 A, brush Delco
Starter	12 V, 4.8 kW Denso
Car audio	AM/FM radio with CD
Headlamps	Daytime running
Stop/Tail lamps	
Back-up lamps	
Side-flasher lamp	
Dome lamp	
Front side marker lamps	
Trucklite LED marker lamps (front)	
Electric horn (dual)	

## CAB CONFIGURATION OPTIONS

Extended Cab	30" cab extension, available with full width bench seat or 26" day bunk
Right hand drive, dual-steer sit down	Driver controls mounted on both sides of cab
Right hand drive, dual-steer, stand up	Driver controls mounted on both sides of cab, right hand side of cab designed for operation while standing with easy entry/exit
Clean Chassis CA	Standard with 50 gal fuel tank mounted under cab (driver side)

## OPTIONAL EQUIPMENT

Air horn
Air ride suspension - Hendrickson
Air ride suspension dump valve - Electric
Alternator - 12 V, 130 A, brushless Delco
Anti-Siphon device insert in fuel tank
Back-up aid alarm
Battery - Absorbed glass mat (AGM) 31 configuration, 1800 CCA
Battery - Three parallel connection each 12 V (GR27x3)
Battery - Two or three parallel connection each 12 V (GR31 type)
Bumper, front - Black and 4 inch extension (available 3 piece)
Bumper, front - White and 4 inch extension (available 3 piece)
Bumper, front - White 3 piece (available with one or two towhooks)
Bumper, front - Chrome and 4 inch extension
Bumper, front - Chrome (available with one or two tow hooks)
Cab paint, exterior - Black or Red
Cold weather package <ul style="list-style-type: none"> <li>- Power Heated mirrors (available in chrome)</li> <li>- Engine block heater</li> <li>- Bendix heated air dryer</li> </ul>
Differential lock with controls
Engine block heater
Engine idle shutdown
Exhaust system - Vertical stack type (NA with 95 gal. fuel tank)
Fuel tank - Dual 52 gal (NA on G wheelbase)
Fuel tank - Single 95 gal.
Mirrors, fender - Chrome (both sides or passenger only)
Mirrors, outside rearview - Chrome
Mirrors, outside rearview - Chrome, heated with marker light
Mirrors, outside rearview - Heated with marker light
Mirrors, power heated (available in Chrome)
Power windows and power door locks (available with keyless entry)
Seats - fabric with reclining single person passenger seat
Seats - vinyl with reclining single person passenger seat
Seats - fabric with two person bench seat
Seats seat - vinyl black (upgrade driver seat only or with passenger seat upgrade)
Seats seat - fabric black/silver (upgrade driver seat only or with passenger seat upgrade)
Shock absorbers, rear
Stabilizer, rear (leaf suspension only)
Synthetic fluids - Auto transmission and rear differential
Tire pattern - Rib on rear
Tow hooks - Two at front
Transmission, automatic - Eaton Ultrashift Highway Value
Wheels - Alcoa polished aluminum

## NOTES

All specifications of the products are with normal manufacturing allowances and tolerances. Hino Motors Sales U.S.A., Inc. reserves the right to alter specifications at any time without previous notice. Some optional items of equipment may require extra time due to the need for their adaption on the product line.