

# 2019 HINO 238

GVW: 23,000 LBS. BBC: 108"  
ENGINE MODEL: J08E-VB 230HP 520 LB-FT TORQUE



HINO INSIGHT CONNECTED VEHICLE



## TELEMATICS, CASE MANAGEMENT, REMOTE DIAGNOSTICS...**STANDARD.**

At Hino we're changing the way we support our vehicles and customers so that your business is first. From the moment you take delivery of your Hino Insight equipped connected vehicle, you're on the road to more uptime and lower operating costs. Combining Telematics, Remote Diagnostics and Case Management in one integrated platform, Hino Insight puts critical vehicle and driver management tools at your fingertips.



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## ENGINE

Model	Hino J08E-WU
Type	Diesel 4-cycle, 6 cylinder in-line, water-cooled, dry cylinder liners
Fuel System	Common rail, direct injection type (Denso)
Max. output (SAE Gross)	230hp at 2,500 rpm
Max. torque (SAE Gross)	520 lb.-ft. at 1,500 rpm
Engine displacement	8L
Bore and Stroke	4.41 x 5.12 in.

## POWERTRAIN AND PERFORMANCE

GVW	23,000 lbs.		
GCWR*	20,500 lbs.		
Rear Axle Gear Ratios	STD 5.29	OPT 5.13	
Startability @210hp (Max % grade)	37.2	35.9	
Transmission	Model	STD Allison 2200HS with Fuelsense 2.0	OPT Allison 2200RDS with Fuelsense 2.0
	Type	Six speed automatic	
Ratios	1st	3.102	
	2nd	1.811	
	3rd	1.406	
	4th	1	
	5th	0.712	
	6th	0.614	
Rev.	-4.492		

## WEIGHT CAPACITIES

Front axle/susp	lbs.	8,000/8,000
Rear axle/susp	lbs.	17,500/19,000

## CHASSIS EQUIPMENT

Fuel Tank	STD 50 gallon
	OPT Dual 50 gal./Single 70 gal./Single 95 gal.
DEF tank	4.7 gal.

## DIMENSIONS/WEIGHTS

Wheelbase (in.)	152/G	175/J	187/L	205/M	217/P	235/R	253/T	271/V
Useable cab to axle (in.)	84.6	107.6	119.6	137.6	149.6	167.6	185.6	203.6
Rear overhang (in.)	50	63	75	75	97	97	97	79
Frame height at front axl (in.)	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
Frame height at rear axle (in.)	39/39.8	39/39.8	39/39.8	39/39.8	39/39.8	39/39.8	39/39.8	39/39.8
Std. chassis weight (lbs.)	9,790	9,735	9,800	9,910	10,020	10,055	10,085	10,150

## FRAME

Ladder type	Straight C channel		
Width (in.)	34		
Yield strength (PSI)	80,000		
Resisting bending moment (one side, no reinforcement) in. -lbs.	152" WB	All others	
	1,280,000	1,031,900	

## AXLE/SUSPENSION

Front axle	MFS-8 series reverse Elliot, "I" beam (oil lubricated)
Front spring	Taper-leaf springs with shock absorbers
Rear axle	RS17-145, full floating, single reduction, single-speed, hypoid gearing
Rear Suspension	STD Spring Semi-elliptic main
	OPT Air ride suspension - Hendrickson
	OPT Air ride suspension - dump valve (electric), single & dual valve

## WHEELS/TIRES/BRAKES

6 Wheels	Steel 22.5X8.25 10-stud disc powder coated white
	OPT Powder coated gray, or Polished aluminum
6 Tires	10R22.5-14(BS), Fr-Rib, Rr-All Season
Service brake	Hydraulic system with disc brake for front and rear wheels
Exhaust brake	Electric-pneumatic with valve in exhaust pipe
Parking brake	Lever control with cable, internal expanding drum type

## ELECTRICAL EQUIPMENT

Batteries	STD Two, parallel connection, 1300 CCA (GR 31)
	OPT Multiple two battery choices
	OPT Multiple Three battery choices
Alternator	STD 12V, 130A, Delco (brush)
	OPT 12V, 135A (brushless)/180A (brush)/200A (brush)
Starter	Denso-12V, 4.8kW

## WHY DRIVERS LOVE OUR TRUCKS

Bluetooth AM/FM radio with CD player
Air Ride Drivers Seat
Air Conditioning
Cruise Control
Tilt and Telescopic Steering Wheel
55 Degree wheel cut
80 Degree Door Opening
4007 sq. in. windshield area

## WHY OWNERS LOVE OUR TRUCKS



ENGINE WARRANTY	STD - 5 years/250,000 miles
	OPT - 7 years/150,000 miles
HINOCARE	OPT - Preventive care extension
HINOWATCH	24/7 Roadside Assistance
HINO INSIGHT	STD 1 Year
	Telematics by Telogis
	OPT 3 & 5 Yr
	Remote Diagnostics
	STD 5 Years
	Case Management
	STD 5 Years

## POPULAR OPTIONAL EQUIPMENT (partial list)

Allison Fuel Sense Plus / Max
Anti-siphon device insert in fuel tank
Back-up alarm
Cab paint, exterior - custom (factory)
Engine idle shutdown
Exhaust system - vertical stack type
Mirrors, fender mounted-chrome (both sides or passenger only)
Mirrors, outside rearview-chrome
Mirrors-power heated (available in chrome)
Power windows and door locks (available with keyless entry)
Programmable speed limit 65,70 mph
Rear helper spring-sub leaf type
Stabilizer bar, rear (leaf suspension only)

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. \*Condition is city delivery and 8% max grades HSS CON238 119