

2020 HINO 238

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



TRUCKS
A Toyota Group Company

HINO INSIGHT CONNECTED VEHICLE



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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.



2020 HINO 238



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*	26,000 lbs.		
Rear Axle Gear Ratios	OPT 5.13	STD 5.29	
Gradeability (% of grade)	35.7	37.2	
Transmission	Model	STD-2200HS	OPT-2200RDS
	Type	Allison Six speed automatic with Fuelsense 2.0	
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	
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.)	36.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	
Frame height at rear axle (in.)	39.8	39.8	39.9	39.9	40.0	40.0	39.9	39.7	
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	MS17-14X, 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, 1200 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	
Exterior grab handle	

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	Telematics by Verizon	STD 1 Year
	Remote Diagnostics	OPT 3 & 5 Yr
	Case Management	STD 5 Years
		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 mount-chrome	
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)	
Battery disconnect & jump start station	