

2020 HINO 195h

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GVW: 19,500 LBS. BBC: 72"
ENGINE MODEL: J05E-UG (HYBRID)
210HP 440 LB-FT TORQUE



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.



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ENGINE

Model	J05E-UG (Hybrid)
Type	Diesel-Electric Hybrid 4-cycle, 4 cylinder in-line, water-cooled, dry cylinder liners
Fuel System	Common rail, direct injection type (Denso)
Max. output (SAE Gross)	210hp at 2,500 rpm
Max. torque (SAE Gross)	440 lb.-ft. at 1,500 rpm
Engine displacement:	5L

HYBRID SYSTEM

Ni-MH Battery, 288V
Traction Motor Max Power: 36kW / 1,000 rpm
Traction Motor Max Torque: 258 ft.-lb. / 1,000 rpm
Inverter Max Power: 64KVA, 300V
Hybrid adaptive control system
Drive mode idle stop
Eco mode driving switch
Hybrid indicator and eco lamp

POWERTRAIN AND PERFORMANCE

GVW	19,500 lbs.		
GCWR*	25,500 lbs.		
Rear Axle Gear Ratios	OPT 5.142	STD 5.571	OPT 5.857
Gradeability (% of grade)	60	60	60
Transmission	Model Aisin A465 (PTO Capable)		
Type	Six speed automatic		
Ratios	1st	3.742	5th 0.773
	2nd	2.003	6th 0.634
	3rd	1.343	Rev. -3.539
	4th	1	

DIMENSIONS/WEIGHTS

Wheelbase (in.)	137.8	149.6	161.4	173.2
Useable cab to axle (in.)	110	121.9	133.7	145.5
Cab to body clearance (in.)	5.8	5.8	5.8	5.8
Front overhang (in.)	44.4	44.4	44.4	44.4
Rear overhang (in.)	46.3	46.3	46.3	46.3
Frame height at front axle (in.)	29.5	29.5	29.4	29.5
Frame height at rear axle (in.)	33.3	33.3	33.3	33.3
Std. chassis weight (lbs.)	7,295	7,315	7,388	7,471

FRAME

Ladder type	Straight C channel		
Width (in.)	33		
Yield strength (PSI)	56,900		
Resisting bending moment (one side, no reinforcement)	137.8"-161.4"	173"	353,450 423,050

AXLE/SUSPENSION

Front axle	Reverse Elliot, "I" beam
Front spring	Taper-leaf springs with shock absorbers and stabilizer
Rear axle	Full-floating, single reduction; Single-speed by hypoid gearing
Rear spring	Taper-leaf springs with shock absorbers

WHEELS/TIRES/BRAKES

6 Wheels	Steel 19.5X6.00-127 6-stud disc
6 Tires	225/70R19.5, 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	Mechanical, internal expanding acting on transmission output shaft

WEIGHT CAPACITIES

Front axle	lbs.	7,270
Rear axle	lbs.	13,660

CHASSIS EQUIPMENT

Fuel tank	28.8 gal. center mounted
Fuel pre-filter	Heated fuel water separator
Radiator grille	Chrome
DEF tank	4.7 gal.

ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12V (1244 CCA)
Alternator	12V, 130A, brushless
Auxiliary switches	9 vacant switch blanks for body and equipment use



WHY DRIVERS LOVE OUR TRUCKS

Bluetooth AM/FM radio with CD player
Power Windows and door locks
Air Conditioning
Cruise Control
Overhead Storage Compartments
Tilt and Telescopic Steering Wheel
80 Degree Door Opening

WHY OWNERS LOVE OUR TRUCKS

5 YEAR WARRANTY	HINOCARE	24/7 ASSISTANCE HINOWATCH	INSIGHT
ENGINE WARRANTY	STD - 5 years/200,000 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 OPT 3 & 5 Yr	
	Remote Diagnostics	STD 5 Years	
	Case Management	STD 5 Years	

POPULAR OPTIONAL EQUIPMENT (partial list)

Cab paint, exterior - black, red, yellow, blue, green
Limited slip differential
Engine idle shutdown
GVW de-rate 17,950
Floor mats
Front bumper fog lamp - LED
Magnetic suspension driver's seat
Orange seat belts - Driver and Passenger
Programmable speed limit 65,70 mph
Cold Package
Keyless Entry
102" Wide side mirrors
3 Position V-Series Carling switch panel