

2017

HINO 195h



A Toyota Group Company



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.
Powertrain	STD OPT
Max. speed mph	68.4 64.6
Startability (% of grade)	60 60
Rear axle gear ratios	5.571 5.857

Transmission	Model	Aisin A465 (PTO Capable)
	Type	Six speed automatic

Ratios	1st.	3.742
	2nd.	2.003
	3rd.	1.343
	4th.	1
	5th.	0.773
	6th.	0.634
	Rev.	3.539

CHASSIS EQUIPMENT

Fuel tank	30 gal. - center mounted
Fuel pre-filter	Heated fuel water separator
Radiator grille	Chrome
DEF tank	4.7 gallon

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
Stereo	AM/FM radio with CD player

BRAKES

Service	Hydraulic system with disc brake for front and rear wheels
Exhaust	Electric-pneumatic with valve-in exhaust pipe
Parking	Mechanical, internal expanding acting on transmission output shaft

WEIGHT CAPACITIES

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

AXLE/SUSPENSION

Front axle	Reversed Elliot, "I" beam (oil lubricated type)
Front spring	Taper-leaf springs with shock absorbers and stabilizer
Rear axle	Full-floating, single reduction; Single-speed by hypoid gears
Rear spring	Taper-leaf springs with shock absorbers

FRAME

Ladder type	Straight C Channel	
Width	in.	33
Yield strength	PSI 56,900	
Resisting bending moment	in.-lbs.	138"/150"/161" WB 173" WB 353,450 423,050
(one side, no reinforcement)		

WHEELS/TIRES

6 Wheels	19.5 x 6, 6-stud disc
Wheel style	Steel, painted
6 tires	225/70R 19.5
Tire pattern	Fr- Rib, Rr - All Season

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.	7,286	7,304	7,381	7,463

POPULAR OPTIONAL EQUIPMENT (partial list)

- Bluetooth radio
- Cab paint, exterior - black, red, yellow, blue, green, silver
- Engine idle shutdown
- GVW de-rate 17,950 (factory order only)
- Magnetic suspension driver's seat
- Programmable speed limit 65,70 mph

SERVICES



HINO WARRANTY - ENGINE STD	5 years/200,000 miles
	OPT - 7 years/150,000 miles
HINOWATCH	24/7 Roadside Assistance
HINOCARE	OPT - Preventive Care
HINO INSIGHT	Telematics by Telogis
	Remote Diagnostics
	Case Management



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