

2013 HINO 195 COE

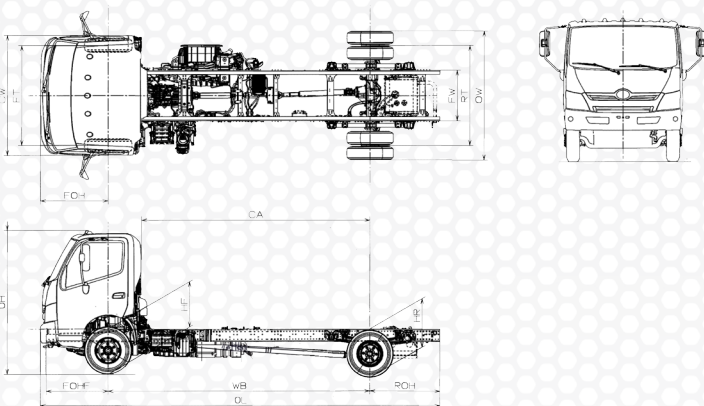
CAB OVER ENGINE GVW: 19,500 LBS. BBC: 66.5" ENGINE MODEL: J05E-TP



A Toyota Group Company

DIMENSIONS					
Cab Type		Standard	Standard	Standard	Standard
Wheelbase	A in.	114.2	137.8	149.6	173.2
Overall length	B in.	205.0	228.6	240.4	264.0
Overall width	C in.	84.1	84.1	84.1	84.1
Overall height	D in.	93.8	93.7	93.7	93.7
Cab width	E in.	78.5	78.5	78.5	78.5
Frame width	F in.	33.0	33.0	33.0	33.1
Cab to axle	G in.	92.2	115.8	127.6	151.2
Front overhang	H in.	44.4	44.4	44.4	44.4
Rear overhang	I in.	46.3	46.3	46.3	46.3
Frame height at					
Front axle	J in.	29.5	29.4	29.4	29.4
Rear axle	K in.	33.2	33.3	33.3	33.3
Road clearance (at diff. axle)	L in.	8.1	8.1	8.1	8.1
Track Width					
Front	M in.	65.2	65.2	65.2	65.2
Rear	N in.	65.6	65.6	65.6	65.6
Turning radius					
Curb to Curb	ft.	36.8	43.4	46.7	53.4
Wall to Wall	ft.	41.0	47.6	50.9	57.6

CHASSIS WEIGHTS (On standard specification, without spare tire & standard tool set)						
AT	Total weight	lb.	6,747	6,838	6,863	7,019
	Front axle	lb.	4,187	4,283	4,319	4,433
	Rear axle	lb.	2,560	2,555	2,544	2,586



ENGINE	
Model	HINO J05E-TP
Type	Diesel 4-cycle, 4-cylinder in-line, water-cooled, dry cylinder line
Combustion system	Direct injection type
Max. output (SAE Gross)	210HP at 2,500 rpm
Max. torque (SAE Gross)	440 lb.-ft. at 1,500 rpm
Bore and stroke	4.41 x 5.12 in.
Piston displacement	5L
Fuel injection system	Common Rail
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

POWERTRAIN AND PERFORMANCE		
19,500 lbs. GVW		
Powertrain	STD	OPT
Max. speed mph	68.4	64.6
Startability (tan.θ) %	60.0	60.0
Transmission	Model	Aisin A465
	Type	Six speed automatic
Ratios	1st	3.742
	2nd	2.003
	3rd	1.343
	4th	1.000
	5th	0.773
	6th	0.634
Rev	3.539	
Rear Axle Gear Ratios	5.571	5.857
Tires (standard)	225/70R19.5	

HINOWATCH (service free of charge)

- 3 year unlimited roadside assistance
- Lockout Service
 - Battery Jumpstart
 - Information
 - Warranty Towing (2 year coverage)

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WEIGHT CAPACITIES

Front axle	lbs.	6,830
Rear axle	lbs.	13,669
Front spring	lbs.	6,830
Rear spring	lbs.	13,669

LIQUID CAPACITIES

Fuel tank	gal.	30
Cooling system	gal.	5.9
Engine oil	qt.	9.9
DEF tank	gal.	4.7

AXLE / SUSPENSION

Front axle	Reversed Elliot, "I" beam
Front spring	Taper-leaf springs shock absorbers
Rear axle	Full-floating, single reduction; Single-speed by hypoid gearings
Rear spring	Taper-leaf springs shock absorbers

FRAME

Ladder type		Straight section
Width	in.	33
Yield strength	PSI	56,900
Resisting bending moment (one side) (114.2, 137.8, 149.6 WB)	in.-lbs.	706,900 (no reinforcement)
Resisting bending moment (one side) (173.2 WB)	in.-lbs.	846,100 (no reinforcement)

STEERING

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

WHEELS / TIRES

6 Wheels	19.5X6K-127 6-stud disc.
Wheel style	Steel, painted
6 Tires	225/70R19.5
Tire pattern	Front-rib; Rear-All Season

BRAKES

Service brake	Hydraulic system with disc brake for front and rear wheels
Disc diameter x pad area (in. ²) x thickness (in.)	Front: 13.72 x 4.37 x 0.51 Rear: 13.72 x 4.37 x 0.51
Control	Hydraulic assist, dual circuit
Parking brake	Mechanical, internal expanding acting on transmission output shaft
Parking brake Drum diameter	8 inches
Exhaust brake	Electric-pneumatic with valve in exhaust pipe

CHASSIS EQUIPMENT

Radiator grille	Chrome
Fuel tank	Center mount
Fuel pre-filter	Heated pre-filter (dust) and sedimenter (water)
Reflectors	Two front side
Front Stabilizer	Standard
Bumper	Painted, match to cab

CAB EQUIPMENT

Air conditioning	Standard
Ash Tray	Standard
Cab construction	All steel welded
Cigarette lighter	Standard
Coat hook	Two (rear panel)
Cruise control	Standard
Cup holders	Standard
Door locks	Power
Door pockets	Two (both sides)
Driver's seat	Reclining, foam padded, high-back seat, covered with fabric
Heater/Defroster	18,596 BTU/h
Mirrors	Four, 1-flat and 1-convex at each side
Overhead consoles	Two
Passenger right seat	Fixed, foam padded, high-back seat, covered with fabric
Passenger center seat	Foam padded, covered with fabric, foldaway type with back seat console
Seat belts	3-point type (driver and passenger), one 2-point type (center)
Seating capacity	Three
Speakers	Two
Sun visors	Two
Tow Hook	One
Ventilator	Electric forced air
Windows	Power
Windshield	Laminated
Windshield wipers	Dual electric, 2-speed and intermittent

DASH INSTRUMENTATION

Meters and gauges	Speedometer-mph (km/h)
	Odometer (mile)
	Fuel gauge / DEF gauge
	Coolant temperature gauge
	Engine tachometer/Economy Meter
Warning and pilot lamps and buzzers/audio	ABS warning lamp
	Air cleaner warning lamp
	Back-up warning buzzer
	Battery charging warning lamp
	Brake oil level warning lamp
	Cab tilt warning lamp and buzzer
	Economy indicator lamp
	Engine control system warning lamp
	Exhaust brake indicator lamp
	Fuel level warning lamp
	Hazard indicator lamp
	High beam indicator lamp
	Oil pressure warning lamp and buzzer
	Parking brake warning lamp
	Transmission oil temperature warning lamp
	Turn signal indicator

ELECTRICAL EQUIPMENT

Batteries	Two, parallel connection, each 12V
Capacity	1244 CCA
Alternator	12 V, 130 A, brushless
Starter	12 V, 3.35 kW, Denso
Auxiliary Switches	12 optional switches
Stereo	AM/FM radio with CD
Headlamps	60/55 W
Back-up lamps	
Clearance lamps	
Day-time running lamp	
Directional indicator and hazard lamp	
Fender marker lamp	
License plate lamp	
Marker and identification lamps (roof)	
Parking lamps	
Room lamp	
Stop/Tail lamps	

OPTIONAL EQUIPMENT

Cab paint, exterior - Black, red, yellow, blue, green, silver
Cold weather package <ul style="list-style-type: none"> - Heated mirrors (power optional) - Engine block heater - Fuel heater
Engine block heater - 1,000 watts / 120V with fuel heater
Fuel tank - 33 gallon side mount (NA on 114.2 WB)
Keyless entry - Available with power windows and power door locks
Key - Four key option
Manual windows and door locks
Mirrors, heated
Mirrors, power heated
Seat, driver's - Magnetic suspension with arm rest (premium moquette fabric only)
Seat - Vinyl, center seat without seat back console (not available on crew cab)
Deletable Equipment <ul style="list-style-type: none"> - Ash tray - Audio - Tow Hooks

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 many require extra time due to the need for their adaption on the product line.