

# 2014 HINO 195 COE

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



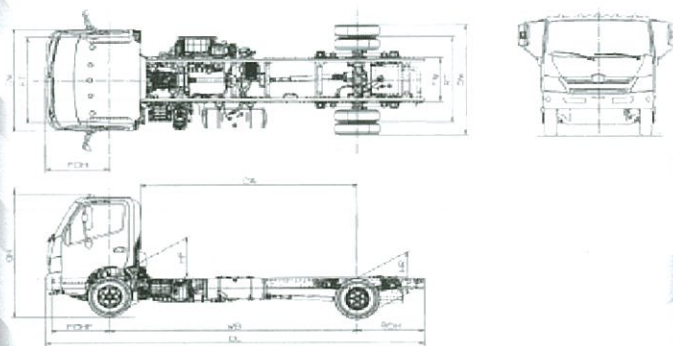
A Toyota Group Company

## 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.	93.9	93.8	93.8	93.8
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.	32.6	32.7	32.7	32.7
Road clearance (at diff. axle)	L in.	8.1	8.1	8.1	8.1
Tread					
Front	M in.	65.2	65.2	65.2	65.2
Rear	N in.	65.6	65.6	65.6	65.6
Turning diameter					
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.	6,775	6,839	6,861	7,017
	Front axle	lb.	4,184	4,458	4,507	4,638
	Rear axle	lb.	2,590	2,381	2,354	2,379



## 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	Radial plunger pump (HP-3)
Governor	Electronically controlled
Intake system	Turbocharged and intercooled
Air cleaner	Paper filter type (Donaldson)
Fan clutch	Viscous bimetal clutch
Glow plugs	Standard

## POWERTRAIN AND PERFORMANCE

GCW	19,500 lbs.	
GCWR	25,500 lbs.	
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.	13,670
Front spring	lbs.	6,834
Rear spring	lbs.	13,670

## LIQUID CAPACITIES

Fuel tank	gal.	30
Cooling system	gal.	5.54
Engine oil	qt.	9.94
DEF tank	gal.	4.7

## AXLE / SUSPENSION

Front axle	Reversed Elliot, "I" beam
Front spring	Taper-leaf springs shock absorbers
Front stabilizer	
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	Fr-rib Rr-all season

## BRAKES

Service brake	Hydraulic system with disc brake for front and rear wheels
Disc diameter x pad area (in. <sup>2</sup> ) 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 sediment (water)
Reflectors	Two front side
Bumper	Painted, match to cab

## CAB EQUIPMENT

Air conditioning	Standard
Cab construction	All steel welded
Cigarette lighter	Standard
Coat hook	One (rear panel)
Cruise control	Standard
Cup holders	Standard
Door locks	Power
Door pockets	Two
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
Windows	Power
Windshield	Laminated
Windshield wipers	Dual electric, 2-speed and intermittent

## DASH INSTRUMENTATION

Meters and gauges ft. lb. system
Speedometer-mph (km/h)
Odometer (mile)
Fuel gauge / DEF gauge
Coolant temperature gauge
Engine tachometer
Warning and pilot lamps and buzzers/audio
ABS warning lamp
Back-up warning buzzer
Battery charging warning lamp
Brake oil level warning lamp
Cab tilt warning lamp and buzzer
Check transmission warning lamp
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 pilot lamp

## 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	11 optional switch locations
Stereo	AM/FM radio with CD
Headlamps	60/55W (high/low)
Back-up alarm	
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	
Dome lamp	
Stop/Tail lamps	

## OPTIONAL EQUIPMENT

Battery - GR31 type (off line modification)	
Cab paint, exterior - Black, red, yellow, blue, green, silver	
Cold weather package <ul style="list-style-type: none"><li>- Power heated mirrors</li><li>- Engine block heater</li><li>- Fuel heater</li></ul>	
Engine block heater/fuel heater - 1,000 watts / 120V	
Engine idle shutdown	
Fuel tank - 33 gallon side mount (N/A 114.2 Wheelbase)	
Front bumper - Black plastic	
Front stabilizer	
GVW Derate 17,950 (factory order only)	
Keyless entry - Available with power windows and power door locks only	
Keyed alike - Matching key codes	
Key plate - Four key option	
Manual windows and door locks	
Mirror Bracket for 102" wide body	
Mirrors, power heated	
P.T.O. capable	
Radiator grille - Painted (match to cab)	
Seat, driver's - Magnetic suspension with arm rest (premium moquette fabric only)	
Seat - Vinyl fabric, center seat without seat back console (not available on crew cab)	
Tow hook	One at front

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