

# 2012 HINO 155 COE

CAB OVER ENGINE GVW: 14,500 LBS. BBC: 66.5" ENGINE MODEL: J05E-TP



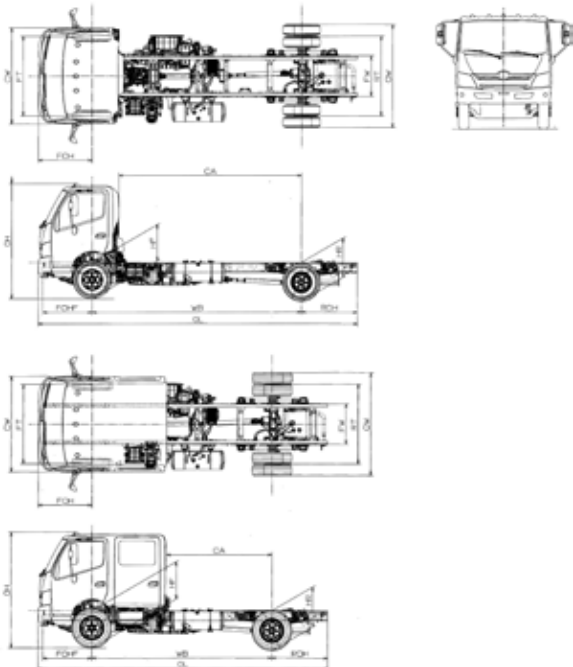
A Toyota Group Company

## DIMENSIONS

Cab Type		Standard	Standard	Standard	Crew	Standard	Crew
Wheelbase	A in.	114.2	137.8	149.6	149.6	173.2	173.2
Overall length	B in.	205.0	228.6	240.4	240.4	264.0	264
Overall width	C in.	83.9	83.9	83.9	83.9	83.9	83.9
Overall height	D in.	92.7	92.5	92.5	92.2	92.5	92.2
Cab width	E in.	78.5	78.5	78.5	78.5	78.5	78.5
Frame width	F in.	33.0	33.0	33.0	33.0	33.0	33.0
Cab to axle	G in.	92.2	115.8	127.6	87.9	151.2	111.5
Front overhang	H in.	44.4	44.4	44.4	44.4	44.4	44.4
Rear overhang	I in.	46.3	46.3	46.3	46.3	46.3	46.3
Frame height at							
Front axle	J in.	28.4	28.2	28.1	27.9	28.1	27.8
Rear axle	K in.	31.8	31.9	32.0	31.9	32.0	31.9
Road clearance (at diff. axle)	L in.	7.0	7.0	7.0	7.0	7.0	7.0
Tread							
Front	M in.	65.2	65.2	65.2	65.2	65.2	65.2
Rear	N in.	65.4	65.4	65.4	65.4	65.4	65.4
Turning radius							
Curb to Curb	ft.	32.6	38.3	41.3	41.3	47.1	47.1
Wall to Wall	ft.	37.1	42.9	45.8	45.8	51.7	51.7

## CHASSIS WEIGHTS (On standard specification, without spare tire & standard tool set)

AT	Total weight	lb.	6,224	6,315	6,328	6,811	6,427	6,901
	Front axle	lb.	3,941	4,213	4,253	4,602	4,362	4,721
	Rear axle	lb.	2,283	2,102	2,075	2,209	2,065	2,180



## 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	Bimetal thermostat sensor regulates fan speed
Glow plugs	Standard

## POWERTRAIN AND PERFORMANCE

14,500 lbs. GVW			
Powertrain	STD	OPT	OPT
Max. speed mph	77.7	73.9	69.6
Startability (tan.θ) %	60	60	60
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	4.625	4.875	5.142
Tires (standard)	215/85R16		

## 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.	5,357
Rear spring	lbs.	9,877

## 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
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)	in.-lbs.	706,900 (no reinforcement)

## STEERING

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

## WHEELS / TIRES

6 Wheels	16X6K-127 6-stud disc.
Wheel style	Steel, painted
6 Tires	215/85R16
Tire pattern	Fr-rib Rr-mix type

## 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: 11.3 x 3.31 x 0.51 Rear: 11.3 x 3.31 x 0.51
Control	Vacuum 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 sedimentor (water)
Reflectors	Two front side
Tow hook	One at front

## 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	18,357 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
Ventilator	Electric forced air
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
Air cleaner warning lamp
AT oil temperature 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 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 vacant switches
Stereo	AM/FM radio with CD
Headlamps	75/70 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	

## CAB CONFIGURATION

Crew Cab	Available on 149.6 / 173.2 Wheelbase with fold down bench type seat (Not available in silver)
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## OPTIONAL EQUIPMENT

Battery - GR31 type
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 - 1,000 watts / 120V
Fuel heater
Fuel tank - 33 gallon side mount
Front bumper - Black plastic
Front stabilizer
Keyless entry - Available with power windows and power door locks
Keyed alike - Matching key codes
Key plate - Four key option
Manual windows and door locks
Mirrors, power heated
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)
Transmission P.T.O. provision

## 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.