2016 HINO 195h CAB OVER ENGINE GVW: 19 500 LBS: BBC: 66 5" ENGINE MODEL



A Toyota Group Company

CAB OVER ENGINE GVW: 19,500 LBS. BBC: 66.5" ENGINE MODEL: JO5E-UG DIESEL-ELECTRIC HYBRID

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We have made Class 5 Hybrids a reality. The Hino 195h Diesel-Electric Hybrid cab-over represents a giant leap for alternative fuel commercial vehicles in North America. In fact it was designed from the ground-up for the U.S. and arrives with the benefit of six generations of technology evolution and more than 14,000 production vehicles already on the road around the world solidifying Hino as the leader in commercial truck diesel-electric hybrid technology. Hino makes the Diesel-Electric Hybrid a viable option in the U.S. commercial truck industry for the first time. Our COE model stacks-up from both an environmental and a financial standpoint the only commercial Hybrid in the market to do so.



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ENGINE	000000	200000000		WEIG	HT CAP	PACITIE	S	
Model		HINO J05E-U	JG (Hybrid)	Front a	xle	lbs.	6,	
Туре		Diesel-Electric Hybrid, 4-cycle, 4-cylinder in-line, water-		le, Rear ax	le	lbs.		
				Front s	Front spring			
888888888888888888888888888888888888888	888888	cooled, dry cylinder line			Rear spring			
Fuel System		Common Rail, Direct injection type. (Denso)			AXLE / SUSPENSION			
Max. output (SAE C	Gross)	210HP at 2,500 rpm.		Front a	xle		sed Elliot, "I	
Max. torque (SAE G		440 lbft. at 1,500 rpm.			oring	Taper-leaf springs absorbers and sta		
Engine displaceme	-	5L		 Rear axle		Full-floating, sing		
POWERTRAIN		-	ANCE		le	-	e-speed by l	
				Rear sp	ring	Taper absor	-leaf spring: bers	
GVW		19,500 lbs.		FRAM	FRAME			
GCWR		25,500 lbs.			Ladder type		Stra	
Powertrain		STD	OPT	Width			in.	
Max. speed mph		68.4	64.6	Yield st	rength	PSI		
Startability (% of g	rade)	27.2	28.6		Resisting bending		, 353,	
Rear Axle Gear Rat	ios	5.571	5.857		moment (one side)		(no r	
Transmission	Model	Aisin A46	5 (PTO capable)	6 WHE	ELS / TII Is		6 6-stud dis	
Transmission	Туре	Six speed automatic		Wheels	style	Steel.	painted	
	1st	3.742					225/70R19.5	
	2nd	2.003						
	3rd	1.343		Tire pat		Fr-Rib	Rr-All Seas	
Ratios	4th	1.000		BRAK	ES			
	5th	0.773		 Service brake		Hydraulic system w front and rear whee		
	6th	0.634						
	Rev	3.539		Parking	Parking prake		Mechanical, internal acting on transmissi	
Tires (standard)		225/70R19.5		Exhaus	Expanst prake		ctric-pneumatic naust pipe.	
DIMENSIONS		I						
Cab Type				Standard	Star	ndard	Standar	
Wheelbase			in.	137.8	14	49.6	161.4	
Useable cab to axle			in.	110	12	21.9	133.7	
Cab to body cleara	nce		in.	5.8		5.8	5.8	
Rear overhang			in.	46.3	4	6.3	46.3	
FRAME HEIG	HT <u>AT</u>							
Front axle			in.	29.5	2	9.5	29.5	
Rear axle			in.	33.3	3	3.3	33.3	

WEIGH	Т САРА	CITIE	S			
Front axle		lbs.	lbs. 6,830 - 7,270			
Rear axle		lbs.	. 13,660			
Front sprin	ng	lbs.	s. 6,830			
Rear sprin	g	lbs. 13,660				
AXLE /	SUSPE	NSIO	N			
Front axle		Reversed Elliot, "I" beam.				
Front sprii	ront spring		Taper-leaf springs shock absorbers and stabilizer.			
Rear axle		Full-floating, single reduction; Single-speed by hypoid gearings.				
Rear spring		Taper-leaf springs shock absorbers.				
FRAME						
Ladder ty		Straight section				
Width		in.				
Yield strer	ngth	PSI	56,9	900		
Resisting bending		inlb	353,450 -	353,450 - 423,050		
moment (one side)		InID	s. (no reinfo	rcement)		
WHEEL	S/TIR	S				
6 Wheels		19.5X6 6-stud disc.				
Wheel style		Steel, painted				
6 Tires		225/70R19.5				
Tire pattern		Fr-Rib Rr-All Season				
BRAKE	s					
Service br	ako H	-	ic system with di d rear wheels.	sc brake for		
Parking prake		Mechanical, internal expanding acting on transmission output shaft.				
Exhaust b	гаке	lectric- xhaust	pneumatic with pipe.	valve in		
andard	Standard		Standard	Standard		
137.8	149.6		161.4	173.2		
110	121.9		133.7	145.5		
5.8	5.8		5.8	5.8		
46.3	46.3		46.3	46.3		

29.5

33.4

HYBRID SYSTEM Ni-MH Battery, 288V Traction Motor Max Power: 36kW / 1,000 rpm Traction Motor Max Torque: 258ft-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 CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio Syear unlimited roadside assistance Lockout Service Battery Jumpstart Warranty Towing (2 year coverage)		<u> </u>					
Traction Motor Max Power: 36kW / 1,000 rpm Traction Motor Max Torque: 258ft-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 CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AMV/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	HYBRID SYS	STEM					
Traction Motor Max Torque: 258ft-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 CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AMV/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio Stereo Internation Stereo Price Price Price of Charge 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Ni-MH Battery, 2	88V					
Inverter Max Power: 64KVA, 300V Hybrid Adaptive Control System Drive Mode Idle Stop Eco Mode Driving Switch Hybrid Indicator and Eco Lamp CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AMVFM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Traction Motor Max Power: 36kW / 1,000 rpm						
Hybrid Adaptive Control System Drive Mode Idle Stop Eco Mode Driving Switch Hybrid Indicator and Eco Lamp CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance Lockout Service Battery Jumpstart Warranty Towing (2 year coverage)	Traction Motor M	Traction Motor Max Torque: 258ft-lb / 1,000 rpm					
Drive Mode Idle Stop Eco Mode Driving Switch Hybrid Indicator and Eco Lamp CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and Switches equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Inverter Max Pov	wer: 64KVA, 300V					
Eco Mode Driving Switch Hybrid Indicator and Eco Lamp CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and Switches equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Hybrid Adaptive	Control System					
Hybrid Indicator and Eco Lamp CHASSIS EQUIPMENT Fuel tank Center mount 30 gal. Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and switches equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance Lockout Service Battery Jumpstart Warranty Towing (2 year coverage)	Drive Mode Idle Stop						
CHASSIS EQUIPMENTFuel tankCenter mount 30 gal.Fuel pre-filterHeated fuel water separator.Radiator grilleChromeDEF tank4.7 gal.ELECTRICAL EQUIPMENTBatteriesTwo, parallel connection, each 12VAlternator12V, 130A, brushlessStarter12V, 4.5hp, DensoAuxilliary9 vacant switch blanks for body and equipment use.StereoAM/FM radio with CD PlayerGPSINSIGHT 2.0 Telematics SystemPOPULAR OPTIONAL EQUIPMENTCab paint, exterior - Black, red, yellow, blue, greenGVW Derate 17,950 (factory order only)Transmission PTOBluetooth radioHINOWATCH (service free of charge)3 year unlimited roadside assistance• Lockout Service• Battery Jumpstart• Warranty Towing (2 year coverage)	Eco Mode Drivin	ig Switch					
Fuel tankCenter mount 30 gal.Fuel pre-filterHeated fuel water separator.Radiator grilleChromeDEF tank4.7 gal.ELECTRICAL EQUIPMENTBatteriesTwo, parallel connection, each 12VAlternator12V, 130A, brushlessStarter12V, 4.5hp, DensoAuxilliary9 vacant switch blanks for body and equipment use.StereoAM/FM radio with CD PlayerGPSINSIGHT 2.0 Telematics SystemPOPULAR OPTIONAL EQUIPMENTCab paint, exterior - Black, red, yellow, blue, greenGVW Derate 17,950 (factory order only)Transmission PTOBluetooth radioHINOWATCH (service free of charge)3 year unlimited roadside assistance 	,	·					
Fuel pre-filter Heated fuel water separator. Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	CHASSIS EC	UIPMENT					
Radiator grille Chrome DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and Switches Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Fuel tank	Center mount 30 gal.					
DEF tank 4.7 gal. ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance - Lockout Service - Battery Jumpstart - Warranty Towing (2 year coverage)	Fuel pre-filter	Heated fuel water separator.					
ELECTRICAL EQUIPMENT Batteries Two, parallel connection, each 12V Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance - Lockout Service - Battery Jumpstart - Warranty Towing (2 year coverage)	Radiator grille	Chrome					
BatteriesTwo, parallel connection, each 12VAlternator12V, 130A, brushlessStarter12V, 4.5hp, DensoAuxilliary9 vacant switch blanks for body and equipment use.StereoAM/FM radio with CD PlayerGPSINSIGHT 2.0 Telematics SystemPOPULAR OPTIONAL EQUIPMENTCab paint, exterior - Black, red, yellow, blue, greenGVW Derate 17,950 (factory order only)Transmission PTOBluetooth radioHINOWATCH (service free of charge)3 year unlimited roadside assistance• Lockout Service• Battery Jumpstart• Warranty Towing (2 year coverage)		5					
Alternator 12V, 130A, brushless Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance - Lockout Service - Battery Jumpstart - Warranty Towing (2 year coverage)	ELECTRICA	LEQUIPMENT					
Starter 12V, 4.5hp, Denso Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Batteries	Two, parallel connection, each 12V					
Auxilliary 9 vacant switch blanks for body and equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Alternator	12V, 130A, brushless					
Switches equipment use. Stereo AM/FM radio with CD Player GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Starter	12V, 4.5hp, Denso					
GPS INSIGHT 2.0 Telematics System POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance - Lockout Service - Battery Jumpstart - Warranty Towing (2 year coverage)							
POPULAR OPTIONAL EQUIPMENT Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance - Lockout Service - Battery Jumpstart - Warranty Towing (2 year coverage)	Stereo	AM/FM radio with CD Player					
Cab paint, exterior - Black, red, yellow, blue, green GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	GPS	INSIGHT 2.0 Telematics System					
GVW Derate 17,950 (factory order only) Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	POPULAR C	PTIONAL EQUIPMENT					
Transmission PTO Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Cab paint, exteri	or - Black, red, yellow, blue, green					
Bluetooth radio HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	GVW Derate 17,950 (factory order only)						
HINOWATCH (service free of charge) 3 year unlimited roadside assistance • Lockout Service • Battery Jumpstart • Warranty Towing (2 year coverage)	Transmission PTO						
 3 year unlimited roadside assistance Lockout Service Battery Jumpstart Warranty Towing (2 year coverage) 	Bluetooth radio						
 Lockout Service Battery Jumpstart Warranty Towing (2 year coverage) 	HINOWATC	H (service free of charge)					
NOTES	Lockout SBattery Ju	ervice Impstart					
	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.

