

2016 HINO 338



A Toyota Group Company

4 x 2 CONVENTIONAL GVW: 33,000 LBS. BBC: 108" ENGINE MODEL: J08E-VB (TURBO INTERCOOLED)

The standard equipment list on the Hino 338 sets the benchmark for the industry and speaks heavily to the quality, operating experience, and anticipated premium resale value of this truck. Look no further than the 2011 ATD Truck of the Year award the 338 earned to illustrate this superior quality. The rugged durability of the Hino 338 makes it just right for a variety of industries including beverage delivery, municipalities, construction, utilities, petroleum/gas delivery and waste/recycling. With a worldwide reputation for reliability, durability, and outstanding fuel efficiency, you can count on Hino Trucks to provide you with low-cost-per-mile operation.



HINO.COM

2016 HINO 338

4 x 2 CONVENTIONAL GVW: 33,000 LBS. BBC: 108" ENGINE MODEL: J08E-VB (TURBO INTERCOOLED)



ENGINE		WEIGHT CAPACITIES										FRAME							
Model	Hino J08E-VB	Front axle	lbs.	STD - 12k (10k,13.2k, 14k OPT)							Ladder type		Straight C Channel						
Type	Diesel 4-cycle, 6-cylinder in-line water-cooled, dry cylinder liner.	Rear axle	lbs.	STD - 21,000 - (23,000 OPT)							Width	in.	34						
		Front spring	lbs.	STD - 12,000 - (14,000 OPT)							Yield strength	PSI	STD - 80,000 / OPT - 120,000						
Fuel System	Common Rail, Direct injection type. (Denso)	Rear spring	lbs.	STD - 21,000 - (23,000 OPT)							Resisting bending moment (one side, no reinforcement)	in.-lbs.	STD - 1,031,900 OPT - 1,280,800						
		AXLE / SUSPENSION										WHEELS / TIRES							
Max. output (SAE Gross)	260hp at 2,500 rpm.	Front axle	MFS-12 series reversed Elliot, "I" beam (oil lubricated)										6 Wheels	22.5 x 8.25 10-stud disc.					
Max. torque (SAE Gross)	660 lb.ft. at 1,500 rpm	Front spring	Taper-leaf spring, shock absorbers										Wheel style	Steel, powder coated					
		Rear axle	RS21-145, full-floating, single reduction, single-speed, hypoid gearing.										6 Tires	STD - 11R22.5-14(G) OPT - 295/75R 22.5 - 14					
Engine displacement	8L	Rear spring	Semi-elliptic main OPT - 4,500 lb. auxiliary rubber rear spring (available on 23K rear axle option)										Tire size (optional)	295/75R22.5-14(G) (available on 21K rear axle only)					
Bore and Stroke	4.41 x 5.12 in.	Hendrickson	Air ride suspension dump valve - (electric)										Tire pattern	Fr - Rib Rr - All Season					
BRAKES													CHASSIS EQUIPMENT						
Service brake	Full air, dual circuit, "S" cam type, leading & trailing shoes with automatic adjustment												Fuel Tank	STD - 50gal. OPT - Dual 50gal. / Single 90gal.					
Exhaust brake	Electric-pneumatic with valve in exhaust pipe												DEF Tank	4.7gal.					
Parking Brake	Spring brake chamber (rear axle) with SR-7 emergency brake system.												Clean CA	STD - 50 gal fuel tank mounted under cab (driver side)					
POWERTRAIN AND PERFORMANCE													ELECTRICAL EQUIPMENT						
GVW	33,000 lbs.												Batteries	STD - two 12V parallel circuit, 1200 CCA, 12V (GR 27 type) OPT - 2 or 3 parallel circuit (GR 31 type) OPT - 2 parallel circuit AGM (925 CCA)					
GCWR*	33,000 lbs.			48,000 lbs.				48,000 lbs.					Alternator	STD - 12 V, 130 A, Delco (brush type) OPT - 12V, 135 A,180 A, 200, Delco (brushless)					
Powertrain	STD	OPT				OPT				OPT					Starter	Denso - 12 V, 6.4 hp			
Max. speed mph** (programmable)	75	75	75	74	70	75	75	75	71	68	75	75	75	71	68				
Startability (% of grade)	17.0	14.8	16.1	17.9	18.8	16.9	14.6	16.0	17.8	18.7	22.5	19.6	21.3	23.8	24.9				
Rear Axle Gear Ratios	21K Axle	5.57	4.88	5.29	5.86	6.14	5.57	4.88	5.29	5.86	6.14	5.57	4.88	5.29	5.86	6.14			
	23K Axle	---	---	5.38	5.63	6.14	---	---	5.38	5.63	6.14	-	-	5.38	5.63	6.14			
Transmission	Model	Allison 2500RDS with Shift Energy Management				Allison 3000 RDS				Allison 3500 RDS					POPULAR OPTIONAL EQUIPMENT (partial list)				
Fluids		Synthetic												Bluetooth Radio					
Ratios	Type	Six-speed automatic				Six-speed automatic				Six-speed automatic					Cab paint, exterior - Black or red (factory)				
	1st	3.512				3.487				4.593					Differential lock with controls				
	2nd	1.896				1.864				2.257					Engine idle shutdown				
	3rd	1.439				1.409				1.535					Front frame extension and stationary grille				
	4th	1.000				1.000				1.000					GVW Derate 25,950				
	5th	0.737				0.750				0.749					Hino INSIGHT 2.0 Telematics System				
6th	0.640				0.650				0.651					Mirrors, fender mounted - Chrome (both sides or passenger only)					
Rev	5.086				5.027				4.999					Mirrors, outside rearview - Chrome					
Tires (standard)	11R22.5-14												Mirrors, power heated (available in Chrome)						
*Condition is City delivery and 8% Max Grades													**Max speed is limited by speed limiter			Power windows and power door locks (available with keyless entry)			
DIMENSIONS													NOTES						
Wheelbase	in.	152/G	175/J	187/L	205/M	217/P	235/R	253/T	271/V				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.						
Cab to Axle	in.	84.6	107.6	119.6	137.6	149.6	167.6	185.6	203.6				Wheels - Polished aluminum						
Frame height at Front axle	in.	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0				Wheels - Powder coated gray						
Frame height at Rear axle	in.	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0										
Rear overhang	in.	50.0	63.0	75.0	75.0	97.0	97.0	97.0	79.0										

