

POWERON.

COMPETITIVE COMPARISON

HINO 195 VS. ISUZU NRR



ISUZU NRR



HINO 195

THE HINO ADVANTAGE

The Hino 195 cab over was designed specifically for the North American market. That means the moment you see one, you'll notice a product designed to deliver performance and reliability in one of the most ergonomically advanced COE trucks on the market. From the wide view pillars to the ground breaking aerodynamics of the all-steel cab, Hino COE trucks set a new standard for driver safety and comfort.

KEY HINO 195 ADVANTAGES OVER ISUZU NRR:

- Stronger frame
- Larger cab design and better driver visibility
- Higher power alternator
- More compact SCR and DEF packaging
- Potential for more body applications
- Insight - fully integrated connected vehicle platform (standard)
- Many Hino standard features are option on Isuzu NRR

UNDERHOOD & CHASSIS

FRAME STRENGTH

The Hino 195 has a stronger frame than Isuzu NRR with a greater Resisting Bending moment –706,900 in.-lb. vs. 316,800 in.-lb. Hino's frame is 123% stronger than Isuzu's.

THE HIGHER FRAME STRENGTH TRANSLATES INTO GREATER STABILITY.... ADVANTAGE HINO.

YIELD STRENGTH

The Hino 195 has a higher yield strength than the Isuzu NRR (56,900 vs. 44,000 PSI) meaning Hino's frame has 23% greater strength.

HINO'S YIELD STRENGTH MAXIMIZES THE UPFIT OPTIONS FOR BODY APPLICATIONS PROVIDING YOU WITH THE RIGHT TRUCK FOR THE JOB... ADVANTAGE HINO.

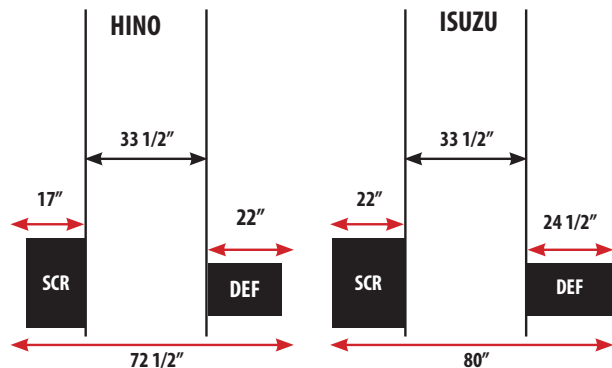
ENGINE FEATURES

The Hino 195 offers an Eco/Power mode selector allowing customers to maximize mileage and efficiency figures. The Isuzu does not have this feature.

GROUND / CHASSIS CLEARANCE

Hino 195 has a higher ground clearance (20 ½ in.) vs. Isuzu (only 17 ½ in.) providing better protection for the chassis and underbody.

Also having a more narrow total chassis clearance is extremely important when upfitting a truck with a body that has side doors. Isuzu's total chassis clearance is 80 inches where Hino's is only 72 1/2 in. wide.



MANY INNER CITY DELIVERY TRUCKS HAVE A SIDE DOOR. ISUZU'S 80 INCH CHASSIS CLEARANCE WILL LIMIT THE BODY APPLICATIONS, MAKING IT MORE DIFFICULT TO UPFIT AND POTENTIALLY ADDING MORE COST. ... ADVANTAGE HINO.

SCR SYSTEM

EGR COOLERS

The Hino 195's SCR system operates more efficiently with the use of only one EGR cooler vs. Isuzu's two coolers. *Isuzu's two coolers are highlighted in yellow below.*



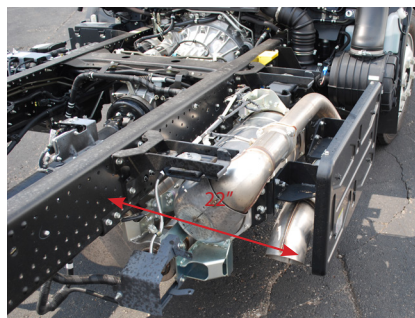
Isuzu NRR

SCR SYSTEM LOCATION

Hino SCR system extends only 17 inches beyond the frame rail and sits below the frame rails. The Isuzu extends 22 inches (5 in. more than the Hino) and sits flush with the frame creating more interference along the frame rail. This could potentially limit Isuzu's ability to upfit certain body applications.



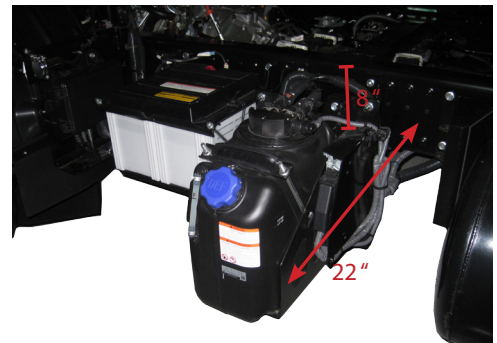
Hino 195



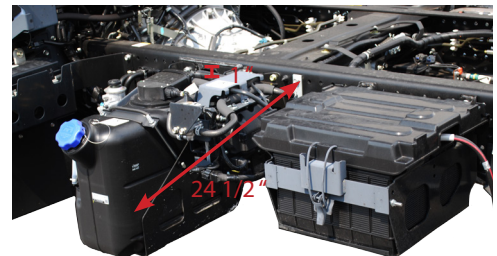
Isuzu NRR

DEF LOCATION

The location and height of the DEF tank are also important factors. The Hino DEF tank extends out 22 inches and the Isuzu extends 24 1/2 inches. Hino's DEF is also set 8 inches lower than the top of the frame rail vs. Isuzu's DEF tank which is down only 1 inch. The Hino DEF tank creates less interference for the body mounting and makes filling the tank easier.



Hino 195



Isuzu NRR

THE HINO SCR AND DEF TANK LOCATION WAS DESIGNED FOR EASIER BODY UPFITS, AND THE PACKAGING MAKES IT MORE FUNCTIONAL FOR SEVERAL BODY TYPES. ... ADVANTAGE HINO.

CAB



CAB QUALITY & STYLING

The products used inside the Hino are all made of high quality material providing a more a durable interior.

CAB AERODYNAMICS

The Hino cab emphasizes aerodynamics and visibility with an angled windshield, narrow pillars and rounded-radius curves. The more aerodynamic the vehicle is, the better fuel economy can be expected.



Hino 195



Hino 195



Isuzu NRR



Isuzu NRR

CAB VISIBILITY

Hino 195 offers unobstructed visibility with the wide pillar design. The Isuzu does not offer the same visibility with a 5 inch corner post creating a larger blind spot.

CAB ENTRY/EXIT – ACCESS

Getting in and out of a Hino on a busy delivery schedule takes minimal effort. The Hino 195 doors open an optimal 80 degrees, giving you plenty of room and convenient interior grab handles for smooth and easy cab entry/exit.

DRIVER COMFORT & SAFETY

CAB ENTRY/EXIT – STEPS

The Hino 195 has a safer and wider 7 ½ -inch stair step style footing for entering the cab. The Isuzu has a narrow 6 ¾ inch ladder style step.

GREATER VISIBILITY IS A SAFETY MULTIPLIER: PROTECTING DRIVERS, REDUCING ACCIDENTS, LOWERING DRAMATICALLY TOTAL LIFETIME COST OF OWNERSHIP. ALSO DRIVER HEALTH, SAFETY AND COMFORT ARE TOP-OF-MIND ENGINEERING PRIORITIES AND EVIDENT THROUGHOUT THE HINO... ADVANTAGE HINO.

Hino 195



Isuzu NRR



AIR CONDITIONING

In the summer, air conditioning is not an option. To help manage driver fatigue, air conditioning is standard on Hino 195. It is an extra-cost option on the Isuzu NRR.

STORAGE SPACE

The Hino 195 has two large overhead storage compartments for storage contents in the cab. It also offers an additional storage compartment in front of the passenger side seat. The Isuzu also offers the two overhead storage compartments, however does not provide the same dashboard and glove box storage.



Hino 195



Isuzu NRR

HINO KNOWS THAT DRIVER COMFORT IS EXTREMELY IMPORTANT. A COMFORTABLE CAB KEEPS DRIVERS ALERT AND FOCUSED ON THE TASK AT HAND. ALSO HINO'S INTERIOR STORAGE KEEPS PERSONAL BELONGINGS AND OTHER ITEMS CONTAINED AND NOT LOOSE AND ROLLING AROUND... ADVANTAGE HINO.

HINO 195 COE VS. THE COMPETITION

	HINO 195 SERIES	ISUZU NRR	HINO ADVANTAGE
FRAME			
Yield Strength Psi	56,900 Psi	44,000 Psi	✓
Rbm (Std. Frame)	353,450 In. Lbs.	316,800 Lbs.-Ft./In.	✓
Width	33 Inches	33.5 Inches	
AXLES			
Front	Reversed Elliot, "I" Beam	Reversed Elliot, "I" Beam	
Capacity	7,270 Lbs.	7,275 Lbs.	
Rear	Full-Floating, Single Reduction	Full-Floating, Single Reduction	
Capacity	13,660 Lbs.	14,550 Lbs.	
SPRINGS			
Front	Tapered Leaf w/ Shock Absorbers	Tapered Leaf w/ Shock Absorbers	
Capacity	7,270 Lbs.	8,440 Lbs.	
Rear	Taper-Leaf w/ Shock Absorbers	Taper-Leaf w/ Shock Absorbers	
Capacity	13,669 Lbs.	14,550 Lbs.	
STEERING			
Steering Type	Recirculating Ball , Integral Type		
Steering Wheel	Tilt And Telescopic	Tilt And Telescopic	
BRAKES			
Brakes	4-Wheel Abs	4-Wheel Abs	
Type	Hydraulic Boosted	Hydraulic Boosted	
Front	Ventillated Disc	Ventillated Disc	
Rear	Ventillated Disc	Drum	✓
TIRES			
Front	Bridgestone (R250) 225/70R19.5	Yokohama 225/70R19.5f (12-Pr)	
Rear	Bridgestone (M729) 225/70R19.5	Yokohama 225/70R19.5f (12-Pr)	
MISC.			
GVWR Range	19,500 Lbs.	19,500 Lbs.	
DEF Tank	4.7 Gallon	4.2 Gallon	✓
Basic Warranty	3 Year / Unlimited Miles	3 Year / Unlimited Miles	
Base Engine Warranty	3 Year / Unlimited Miles	3 Year / Unlimited Miles	
Extended Engine Warranty	Std. 5 Year / 200,000 Miles	Opt.	✓
Factory Maintenance Program	Std. 2 Year / 60,000 Miles	Std. 2 Year / 60,000 Miles	
Telematics/CM/RD	Std. 1 Yr./5 Yr./5 Yr.	Opt. Telematics - N/A - N/A	✓
ENGINE			
	J05E	ISUZU 4HK1-TC	
Displacement	5.0 L (312.6 Cu. In)	5.2 L (317 Cu. In.)	
Cylinders	Inline 4 Cylinder	Inline 4 Cylinder	
Horsepower	210 Hp @ 2500 Rpm	215Hp @ 2,500 Rpm	
Torque	440 Ft. Lbs. @1500 Rpm	452 Lb. Ft. @ 1,850 Rpm	
Exhaust Brake	Standard	Standard	
Block Type	Dry Sleeved	Parent Bore	✓
Transmission	Aisin A465 6-Speed	Aisin A465 6-Speed	



**THE INDUSTRY'S ONLY FULLY INTEGRATED
CONNECTED VEHICLE PLATFORM. . . .STANDARD.**

Hino is the fastest growing medium duty truck nameplate in the U.S. Drivers, business owners and industry organizations continue to recognize Hino as a leader in medium duty trucking.

TOTAL SUPPORT: THE BEST IN THE INDUSTRY. PERIOD.



HINO WARRANTY - STANDARD

Best-in-class 5 years/250,000 miles of extended engine warranty coverage standard. Optional 7 year / 150,000 miles engine coverage also available, while additional aftertreatment systems coverage can also be added to match engine coverage.



HINO INSIGHT - STANDARD

Combining Telematics, Remote Diagnostics & Case Management in an industry first platform, Hino Insight puts critical vehicle and driver management tools at your fingertips, and it's standard.



HINOWATCH - STANDARD

24/7 Roadside Assistance is standard for 3 years on all Hino trucks - unlimited mileage. HinoWatch includes lockout, out of fuel, battery jumpstart, & warranty towing.



HINOCARE

Preventive maintenance saves money and increases uptime across your entire fleet. HinoCare multi-year programs mean you can match your needs with your long term goals for cost management.

Visit our website to find your local Hino dealer and learn more about the award winning Hino 268.

WWW.HINO.COM

Note: Specifications, descriptions and illustrative material in this comparison are as accurate as known at the time of publication, but are subject to change without notice. All specifications of the Hino 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.