# 2023 Isuzu NQR Diesel





Troy Ward | 252-217-7887 | tward@lilleyinternational.com

2023 Isuzu NQR Diesel (2023 NQR Cab Chassis, 3R1 109"WB, 86.5"CA, 17,950 GVWR. White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning

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Model	Code	Description	Weigh
nouei	3R1	NQR Cab Chassis 109"WB, 86.5"CA	
	54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank	
	04	with power windows, power door locks and air	
		conditioning	
Options			
	098	5.125:1	0.0 lbs
	54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank	0.0 lbs
		with power windows, power door locks and air	
		conditioning	
	8RP	AM/FM/CD radio with Aux input/USB port and	0.0 lb
	A O D	Bluetooth RPO	0.016
	AQB	Driver seat is reclining high back. Two single occupant fold down seats with tray backs.	0.0 lb
	C60	Air conditioner	0.0 lb
	I1B	4HK1-TC, diesel engine 317 CID (5.19L), 215 HP at	0.0 lb
	110	2550 RPM: 452 ftlb. gross torque at 1850 RPM. 4	0.0 10
		cylinder, 16 valve, four cycle, overhead cam,	
		turbocharged, inter-cooled, water cooled EGR valve,	
		direct injection, electronically controlled common rail	
		fuel system, engine cruise control function. Oil level	
		check switch and light. Engine Warning system with	
		audible warning for low oil pressure, high coolant temperature, and low coolant level.	
	I1W	Aisin A465id 6-speed automatic transmission,	0.0 lb
	1177	Ratios: 3.742, 2.003, 1.343,	0.0 1.
	I2C	140 AMP. with integral regulator.	0.0 lb
	141	30 Gallon Stainless Steel In-Rail Fuel Tank	0.0 lb
	I5H	LRR (low rolling resistance)	0.0 lb
	151	Electronic Vehicle Stability Control (EVSC) include	0.0 lb
		ASR (Anti-Slip Regulation)	
	IA8	109 inches, includes ladder type channel frame. Full	0.0 lb
		C section straight frame 33.5 inches wide. Yield	
		strength 44,000 psi; section modulus 7.20 in RBM	
	IDO	316,800 lb./ft./in. per rail. 86.5"CA	0.016
	IB9	19.5" x 6", 6-hole disc, painted white	0.0 lb
	IC1	19.5" x 6", 6-hole disc, painted white	0.0 lb
	ID2	"I"-beam rated at 6,830 lbs. Includes integral hydraulic power steering. Ratio 18.8-20.9:1.	0.0 lb
	ID3	Single-speed, 14,550 lb. capacity with oil lubricated	0.0 lb
	100	rear wheel bearings.	0.0 10
	ID8	8440 lbs. Capacity semi elliptical tapered leaf spring.	0.0 lb
	.=.	Includes shock absorbers and stabilizer bar	270 10
	ID9	14,550 lbs. capacity. Semi-elliptical main and	0.0 lb
		auxiliary multi-leaf springs. Includes shock	
		absorbers.	
	IE1	Vacuum + Power Assist; hydraulic 4-wheel disc	0.0 lb
		brakes with 4-channel ABS. Mechanical,	
		transmission mounted parking brake. Non-asbestos	
	IL0	semi metallic linings are standard. Yes	0.0 lb

Current report content is based on data as of 2022-07-11 13:16:29. Any performance-related calculations are offered solely as guidelines. Actual vehicle performance will depend on your operating conditions. All Information, specifications and pricing in this application are based on the latest information available. Isuzu Commercial Truck of America, Inc. reserves the right to discontinue or change, at any time, without prior notice, the pricing, specifications, options, materials, equipment, design and models.

Initial:



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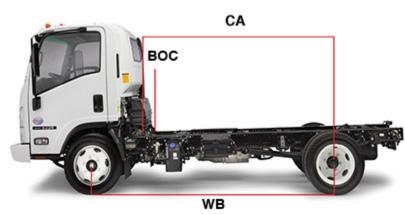
Selected Model and Options			
Code	Description	Weight	
IQ6	Standard Floor Mats	0.0 lbs.	
IX1	Dual 12-Volt maintenance free group 31 750 CCA batteries with threaded posts	0.0 lbs.	
IX2	Rear body dome lamp switch	0.1 lbs.	
IX7	Single horizontal with DPF/SCR exhaust system	0.0 lbs.	
K40	Butterfly valve type exhaust brake	0.0 lbs.	
KNX	Dry Paper single element. (Donaldson brand) Air cleaner canister standard with air restriction indicator in the driver's Multi-Information Display (MID).	0.0 lbs.	
XTN/R3M	225/70R19.5F (12 ply) tubeless Radial, all season	0.0 lbs.	
YTN/S3M	225/70R19.5F (12 ply) tubeless Radial, all season tread.	0.0 lbs.	



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# **Weight Distribution**



Finance NAME	4 504 00 lbs	000/
Front Wt.	4,504.00 lbs.	66%
Rear Wt.	2,333.00 lbs. 34%	
GVWR	17,950.00 lbs.	
GVW	6,837.00 lbs.	
Remaining Payload Weight 11,113.00 lbs.		

Driver/Passenger Weight	350.0 lbs.
Wheelbase (WB)	109 inches
Cab-to-Axle (CA)	86.5 inches
Body Length	
Body Weight	
Back of Cab (BOC)	7.7 inches

\*\* You must fill in body length and weight to enable body and payload weight calculations.

Weight (lbs.)	Front	Rear	Total
Chassis	4,154.00	2,333.00	6,487.00
Chassis Equipment	0.00	0.00	0.00
Subtotal	4,154.00	2,333.00	6,487.00
Driver/Passengers	350.00	0.00	350.00
Body/Body Equipment	0.00	0.00	0.00
Payload	0.00	0.00	0.00
Total	4,504.00	2,333.00	6,837.00
GAWR/GVWR	6,830.00	12,980.00	17,950.00
GCWR			23,950.00

# **Chassis Equipment:**

Code	Item	Center of Gravity	Front Axle	Rear Axle	Total
54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning		0.00 lbs.	0.00 lbs.	0.00 lbs.
141	30 Gallon Stainless Steel In-Rail Fuel Tank		0.00 lbs.	0.00 lbs.	0.00 lbs.

# **Driver/Passengers:**

	Center of Gravity	Front Axle	Rear Axle	Total
Driver	front axle	350.00 lbs.	0.00 lbs.	350.0 lbs.



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#### **Warranty**

Narranty Limitati	i <b>ons</b> : Time or l	Mileage, Which	ever Comes First
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New Truck Warranty	Time in Years	Vehicle Miles
Basic	3	Unlimited
Engine	3	Unlimited

- Transmission
- Drive Axle
- Driveshaft
- Front Axle I Beam
   Unlimited
- Crossmembers
- Flywheel Housing
- Clutch Housing

Frame Rails	3 5*	Unlimited Unlimited*
Corrosion (Rust Through)	4	Unlimited
Decide Assistance	3	Unlimited
Roadside Assistance	$5^{\dagger}$	100,000 <sup>†</sup>
Emission Warranty	Time in Years	Vehicle Miles
Emission Control System	5	110,000
Emission Performance	5	50,000
GHG Emission	5	50,000
Tires	2	24.000

After 3 years labor and parts coverage is 50% for up to 5 years.

The warranty coverages are determined by the mileage of the vehicle and the number of years from the delivery date. The warranty coverages are limited by whichever occurs first. Please see your authorized Isuzu dealer for warranty details.

<sup>&</sup>lt;sup>†</sup>Tows related to emissions issues may be covered for up to 5 years or 110,000 miles (whichever comes first).



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#### Optional Equipment **Options** Code Description IF6 Fire Extinguisher and Triangle Kit mounted in rear organizer on standard cab and under rear seat on crew cab IY4 Delete radio IS<sub>0</sub> **Heated Mirrors** IU2 Mirror Bracket for 102" wide body UZF Back up alarm IG3 Engine oil pan heater (120v 300w) I4H CAN interface converter IH2 Engine emergency shutdown system HWT, LWL, LOP IY9 Engine idle shutdown (timer set at 3 minutes for engine shutdown) I9A Engine idle shutdown (timer set at 5 minutes for engine shutdown) PTO enable switch and engine idle up switch IL9 recommended for PTO and idle applications only I4K Keyless entry system including two keypads as standard I6K Lockable DEF fill cap Speed limited to 58 MPH I1L I2L Speed limited to 65 MPH I4L Speed limited to 70 MPH I3L Speed limited to 68 MPH Locking DEF cap (all keyed alike on multiple chassis I5L ordered together) I7L High visibility seat belt (driver seat only) I8L High visibility seat belt (driver and RH passenger seat) WAG 60 months / 200,000 Miles PLUS Audio System with 7" diagonal color touch screen I<sub>1</sub>V I<sub>2</sub>V Audio System with 7" diagonal color touch-screen with backup camera (camera shipped loose) **IOW** Heated dual remote control mirrors (17" head) I5W Engine oil pan heater with receptacle (125V 300W) I4V Forward collision and lane departure warning (Mobileye) I3Z Spare keys (2 additional, 4 keys in total) I4Z Front panel film I6B AGM batteries (825 CCA x 2) **I8T** Chrome Grille I2M Delete cruise control switch I6L LED lighting package 172 Block heater with receptacle 179 Block heater and oil pan heater with receptacle IF4 Air Deflector roof mounted (not available in Crew Cab) IV8 Seat Covers standard cab



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Optional Equipment	
Options	
Code	e Description
IOA	Cross rail horizontal DPF/SCR with vertical exhaust (Available only with in rail fuel tank and single cab)
I1M	Seat covers standard cab with suspension seat
167	Suspension driver's seat
KD1	Knapheide Dump Body, Inside Dimensions 11.25' x 86.9" x 12" (sides)
KL3	Knapheide Landscape Dump Body, 11' x 94.4" x 40" (sides)
IOY	Window Shade Tarp Kit
I1Y	2x6 Polyboard Side Board Extensions
I4X	C Landscaper Tarp



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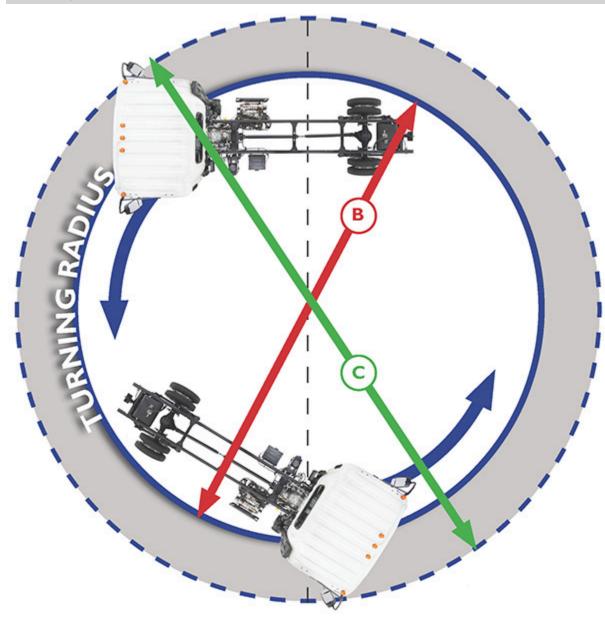
<b>Turning Circle</b>	
Specification Summary	
Model	3R154
Front Axle	
ID2	"I"-beam rated at 6,830 lbs. Includes integral hydraulic power steering. Ratio 18.8-20.9:1.
Wheelbase	
IA8	109 inches, includes ladder type channel frame. Full C section straight frame 33.5 inches wide. Yield strength 44,000 psi; section modulus 7.20 in RBM 316,800 lb./ft./in. per rail.
Front Wheels	
IB9	19.5" x 6", 6-hole disc, painted white
Front Tires	
XTN/R3M	225/70R19.5F (12 ply) tubeless Radial, all season



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# **Turning Circle**



A: Inside Wheel Cut Angle: 46.50°

B: Minimum turning diameter, Curb to Curb: 32.80'
Curb to Curb diameter is measured from the outside of the front tire.

C: Minimum turning diameter, Wall to Wall: 38.70' Wall to Wall diameter is measured from the outermost part of the cab.