

# 2024 Isuzu NPR-XD Diesel



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# LILLEY ISUZU TRUCK

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

2024 Isuzu NPR-XD Diesel (2024 NPR-XD Cab Chassis, 3Y1 109"WB, 86.5"CA, 16,000 GVWR. White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning

## Selected Model and Options

	Code	Description	Weight
<b>Model</b>			
	3Y1	NPR-XD Cab Chassis 109"WB, 86.5"CA	
	54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning	
<b>Tires</b>			
	I5H	LRR (low rolling resistance)	0.0 lbs.
<b>Engine</b>			
	I1B	4HK1-TC, diesel engine 317 CID (5.19L), 215 HP at 2550 RPM: 452 ft.-lb. gross torque at 1850 RPM. 4 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.	0.0 lbs.
<b>Transmission</b>			
	I1W	Aisin A465id 6-speed automatic transmission, Ratios: 3.742, 2.003, 1.343,	0.0 lbs.
<b>Wheelbase</b>			
	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 in3 RBM 316,800 lb./ft./in. per rail. 86.5"CA	0.0 lbs.
<b>Air Cleaner</b>			
	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.
<b>Alternator</b>			
	I2C	140 AMP. with integral regulator.	0.0 lbs.
<b>Battery</b>			
	IX1	Dual 12-Volt maintenance free group 31 750 CCA batteries with threaded posts	0.0 lbs.
<b>Exhaust</b>			
	IX7	Single horizontal with DPF/SCR exhaust system	0.0 lbs.
<b>Front Axle</b>			
	ID2	"I"-beam rated at 6,830 lbs. Includes integral hydraulic power steering. Ratio 18.8-20.9:1.	0.0 lbs.
<b>Front Suspension</b>			
	ID8	8440 lbs. Capacity semi elliptical tapered leaf spring. Includes shock absorbers and stabilizer bar	0.0 lbs.
<b>Front Wheels</b>			
	IB9	19.5" x 6", 6-hole disc, painted white	0.0 lbs.
<b>Front Tires</b>			
	XTN/R3M	225/70R19.5F (12 ply) tubeless Radial, all season	0.0 lbs.
<b>Rear Suspension</b>			
	I9K	14,308 lbs. capacity. Semi-elliptical main and	0.0 lbs.

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## Selected Model and Options

	Code	Description	Weight
		auxiliary multi-leaf springs. Includes shock absorbers.	
Rear Axle			
	I36	R040, single-speed, 11,020 lb. capacity with oil lubricated rear wheel bearings.	0.0 lbs.
Ratio			
	099	4.777	0.0 lbs.
Rear Wheels			
	IC1	19.5" x 6", 6-hole disc, painted white	0.0 lbs.
Rear Tires			
	YTN/S3M	225/70R19.5F (12 ply) tubeless Radial, all season tread.	0.0 lbs.
Fuel Tank			
	I4I	30 Gallon Stainless Steel In-Rail Fuel Tank	0.0 lbs.
Seat			
	AQB	Driver seat is reclining high back. Two single occupant fold down seats with tray backs.	0.0 lbs.
Brakes			
	K40	Butterfly valve type exhaust brake	0.0 lbs.
	IE1	Vacuum + Power Assist; hydraulic 4-wheel disc brakes with 4-channel ABS. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard.	0.0 lbs.
Air Conditioning			
	C60	Air conditioner	0.0 lbs.
Power Windows & Door Locks			
	IL0	Yes	0.0 lbs.
Floor Mats			
	IQ6	Standard Floor Mats	0.0 lbs.
Model Option			
	54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning	0.0 lbs.
Assistance System			
	I5I	Electronic Vehicle Stability Control (EVSC) include ASR (Anti-Slip Regulation)	0.0 lbs.
Accessories			
	IX2	Rear body dome lamp switch	0.1 lbs.
	8RP	AM/FM/CD radio with Aux input/USB port and Bluetooth RPO	0.0 lbs.

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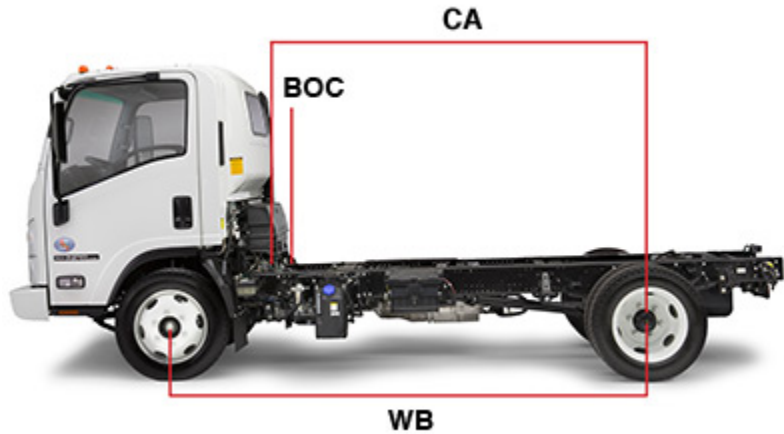


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## Weight Distribution



Front Wt.	4,503.00 lbs.	67%
Rear Wt.	2,242.00 lbs.	33%
GVWR	16,000.00 lbs.	
GVW	6,745.00 lbs.	
Remaining Payload Weight	9,255.00 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	4,153.00	2,242.00	6,395.00
Chassis Equipment	0.00	0.00	0.00
Subtotal	4,153.00	2,242.00	6,395.00
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	4,503.00	2,242.00	6,745.00
GAWR/GVWR	6,630.00	11,020.00	16,000.00
GCWR			22,000.00

## 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

Warranty Limitations: *Time or Mileage, Whichever Comes First*

New Truck Warranty		Time in Years	Vehicle Miles
Basic		3	Unlimited
Engine		3	Unlimited
<ul style="list-style-type: none"><li>Transmission</li><li>Drive Axle</li><li>Driveshaft</li><li>Front Axle / Beam</li><li>Crossmembers</li><li>Flywheel Housing</li><li>Clutch Housing</li></ul>		3	Unlimited
Frame Rails		3 5*	Unlimited Unlimited*
Corrosion (Rust Through)		4	Unlimited
Roadside Assistance		3 5†	Unlimited 100,000†
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.

†Tows related to emissions issues may be covered for up to 5 years or 110,000 miles (whichever comes first).

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.

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## Turning Circle

Specification Summary	
Model	3Y154
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 in3 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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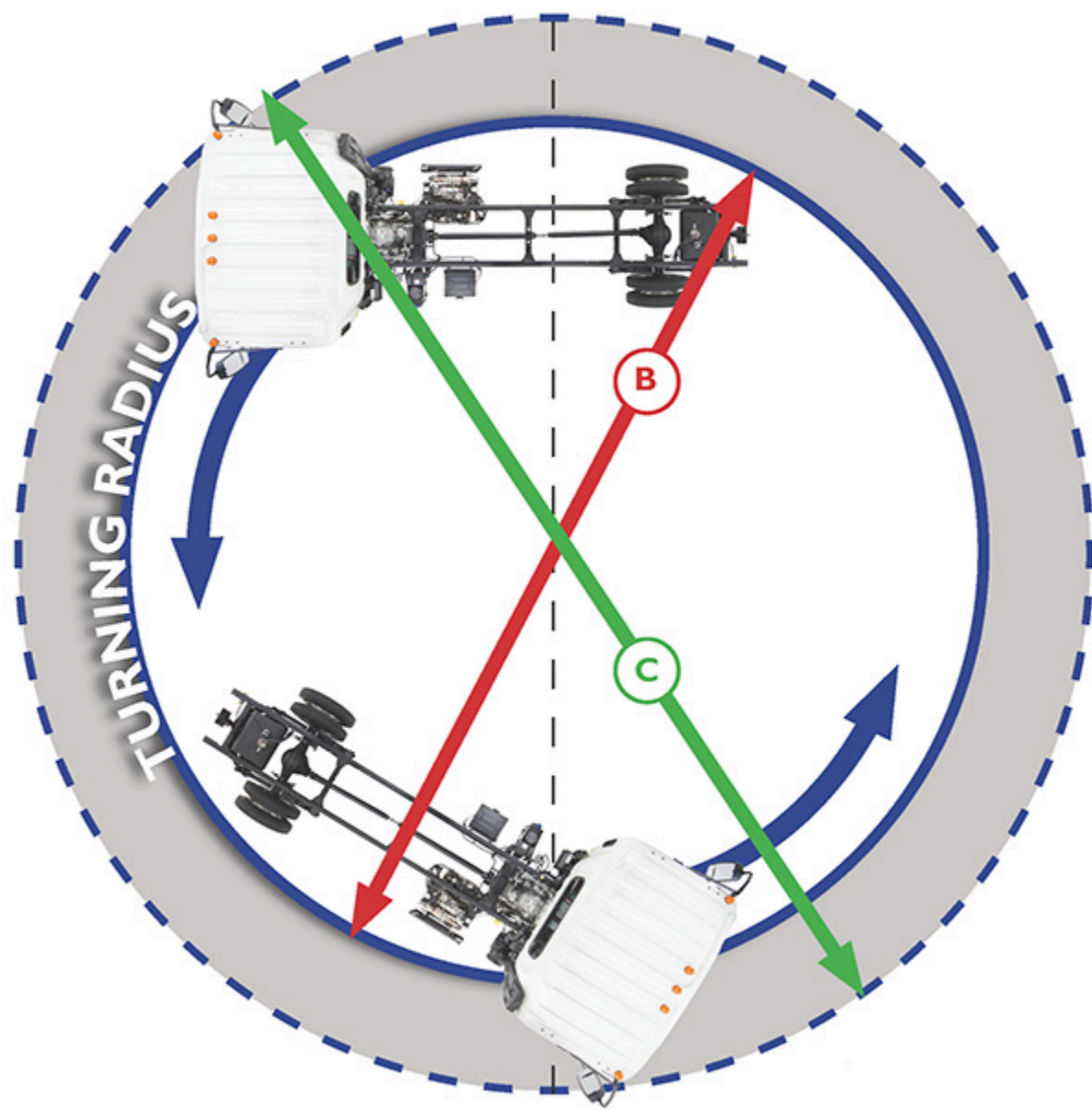


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## Turning Circle



**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.

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