

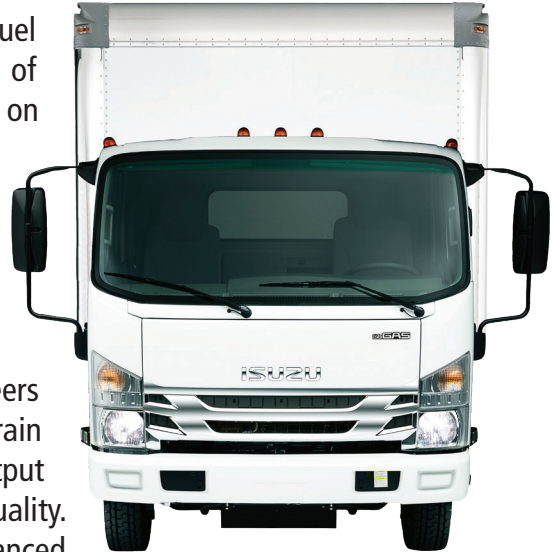
ISUZU
TRUCK

NEW 6.6L V8 GAS POWERTRAIN

NPR - Class 3 (12,000 lbs. GVWR) | NPR-HD - Class 4 (14,500 lbs. GVWR)

New Standards. New Engine.

Market demands for new engine technology, increased fuel efficiency and reduced emissions brought the creation of the 6.6L V8 gas engine. With new emission standards on the horizon, this powertrain comes at a perfect time for customers requiring diesel capability from a gasoline powertrain. Customers can also be assured that this powertrain will meet emission standards into the future.



Small Block. Big Advancements.

Starting with a proven small-block design, engineers incorporated Gen V technology to meet heavy-duty powertrain requirements. This technology provides improved output and efficiency without compromising capability and quality. The engine's 200,000-mile design life coupled with advanced powertrain technologies make this a perfect fit for our medium duty truck customers.

This engine incorporates Direct Fuel Injection technologies and a 16-valve overhead Variable Valve Timing system. Direct injection technology promotes precise fuel control and ensures a more complete combustion. With an increased compression ratio of 10.8:1, improved efficiency in broader torque ranges are achieved. Thus, drivers experience improved launch acceleration and also excellent acceleration at cruising speeds.

Additional Gen V technology is found in the variable displacement oil pump. This advanced oil pump varies the oil pressure based on engine demand. When hauling heavy loads, pressure is increased and when cruising, pressure is decreased. Both help keep the engine properly lubricated.

Small Block. Big Advancements.

Mated to a proven 6-speed automatic transmission, this new power plant provides customers with the performance they desire in a Class 3 or Class 4 application. The new 6.6L V8 gas engine is the Class 3 and 4 solution.

Wheelbase Offerings

Standard Cab: 109", 132.5", 150", 176"

Crew Cab: 150", 176"



NPR - 2020i MY

| | |
|-------------------------------|-------------------------|
| GVWR/GCWR | 12,000/18,000 lbs. |
| GAWR | |
| Front | 4,860 lbs. |
| Rear | 8,840 lbs. |
| Front Axle Capacity | 6,830 lbs. |
| Rear Axle Capacity | 14,550 lbs. |
| Ratio | 4.100 |
| Suspension F/R Springs | Tapered/Multi-Leaf |
| Capacity | 8,440/12,900 lbs. |
| Frame | |
| Section Modulus | 7.20 in. ³ |
| Resistance Bending Moment | 316,800 lb.-in |
| Service Brakes | Vacuum/Hydraulic |
| Front/Rear | with 4-Ch ABS Disc/Drum |

Transmission

6L90 6-speed auto. with double overdrive and lock-up converter
GMPT L8T (Gen V)
V8 Gasoline
6.6L (400 in.³)
350hp @ 4,500 rpm
425 lb.-ft. @ 3,800 rpm
170-amp
1 Maintenance-Free Group 31 750-CCA
LRR 215/85R16E (10-pr)
Standard
38.6 Gal. in frame

Engine

Displacement
Engine Power
Engine Torque
Alternator
Batteries

Tires

Fuel Tank

NPR-HD - 2020i MY

| | |
|-------------------------------|-------------------------|
| GVWR/GCWR | 14,500/20,500 lbs. |
| GAWR | |
| Front | 6,630 lbs. |
| Rear | 11,020 lbs. |
| Front Axle Capacity | 6,830 lbs. |
| Rear Axle Capacity | 14,550 lbs. |
| Ratio | 4.300 |
| Suspension F/R Springs | Tapered/Multi-Leaf |
| Capacity | 8,440/12,900 lbs. |
| Frame | |
| Section Modulus | 7.20 in. ³ |
| Resistance Bending Moment | 316,800 lb.-in |
| Service Brakes | Vacuum/Hydraulic |
| Front/Rear | with 4-Ch ABS Disc/Drum |

Transmission

6L90 6-speed auto. with double overdrive and lock-up converter
GMPT L8T (Gen V)
V8 Gasoline
6.6L (400 in.³)
350hp @ 4,500 rpm
425 lb.-ft. @ 3,800 rpm
170-amp
1 Maintenance-Free Group 31 750-CCA
LRR 225/70R19.5F/G (12/14-pr)
Standard
38.6 Gal. in frame

Engine

Displacement
Engine Power
Engine Torque
Alternator
Batteries

Tires

Fuel Tank

Isuzu vehicles are assembled from component parts manufactured by Isuzu Motors Limited, its affiliated companies, and by independent suppliers who manufacture such components to Isuzu's exacting standards for quality, performance and safety. Vehicles are shown with optional equipment. Some equipment is dealer installed. Visit your authorized Isuzu dealer for warranty and other details. Copyright © 2020 Isuzu Commercial Truck of America, Inc.