

Isuzu Standard Features

Bid Invitation #HT06-16

The following descriptions are the standard features, as pulled from the *ISpec* dealer quotation database. Offeror shall price these complete trucks in their entirety, on Form-D, reflecting the entire complement of the base vehicle specification's standard features listed herein, as well as all normal dealer make-ready and factory-to-dealer destination charges. Except as ordered by an H-GAC member (e.g. axle upgrade, longer wheelbase, et cetera), the base units described herein and priced on Form-D shall not require any additional compulsory components, fees, or services to render them complete, functional, and legal cab-chassis. All Form-D line items shall be priced inclusive of air conditioning.

H-GAC Product Code: G1 **NPR, COE, SRA, Gas**

2016 Isuzu NPR GAS REG (DB104) 109" WB 12000 GVWR IBT PWL (3)

WEIGHT RATINGS

Front Gross Axle Weight Rating: 4860 lbs

Rear Gross Axle Weight Rating: 8840 lbs

Gross Vehicle Weight Rating: 12000.00 lbs

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code MYD

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 4.03

Second Gear Ratio (:1) 2.36

Third Gear Ratio (:1) 1.53

Fourth Gear Ratio (:1) 1.15

Fifth Gear Ratio (:1) 0.85

Sixth Gear Ratio (:1) 0.67

Reverse Ratio (:1) 3.06

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer 6L90-E Hydra-Matic

Transmission Type N/A

Engine

Engine Order Code L96

Engine Type Gas V8

Displacement 6.0L/365

Powertrain

Engine

Fuel System SPFI

SAE Net Horsepower @ RPM 297 @ 4300

SAE Net Torque @ RPM 372 @ 4000

Engine Oil Cooler Yes

Governed Engine Speed (RPM) 3050

Engine Series GMPT

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) N/A
Cold Cranking Amps @ 0° F (3rd) N/A
Maximum Alternator Capacity (amps) 145

Cooling System

Total Cooling System Capacity 17.1 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A
As Spec Curb Weight - Front 3302.00 lbs
As Spec Curb Weight - Rear 1720.00 lbs

Chassis

Weight Information

Trim Curb Weight 5022.00 lbs
Standard Weight - Front 0.00 lbs
Standard Weight - Rear 0.00 lbs
Base Trim Weight - Front 3302.00 lbs
Base Trim Weight - Rear 1720.00 lbs
Total Weight 5372.00 lbs
Gross Axle Wt Rating - Front 4860 lbs
Gross Axle Wt Rating - Rear 8840 lbs

Chassis

Weight Information

Curb Weight - Front 3302 lbs
Curb Weight - Rear 1720 lbs
Option Weight - Front 0.00 lbs
Option Weight - Rear 0.00 lbs
Reserve Axle Capacity - Front 1208.00 lbs
Reserve Axle Capacity - Rear 7120.00 lbs
As Spec'd Curb Weight 5022.00 lbs
As Spec'd Payload 6978.00 lbs
Gross Combined Wt Rating 18000 lbs
Cargo Weight 0.00 lbs
Gross Vehicle Weight 5372.00 lbs
Axle Weight 5372.00 lbs
Gross Axle Weight Rating 13700.00 lbs
Curb Weight 5022.00 lbs
Reserve Axle Capacity 8328.00 lbs
Total Option Weight 0.00 lbs
Payload Weight Front 0.00 lbs
Payload Weight Rear 0.00 lbs
Maximum Axle Rating Front 4860.00 lbs
Maximum Axle Rating Rear 8840.00 lbs
Maximum Axle Rating Total 13700.00 lbs
Gross Vehicle Weight Rating 12000.00 lbs
Front PayLoad 350.00 lbs
Rear Payload 0.00 lbs
Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder
Sect Modulus Rails Only 7.20 in³
Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs
Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf
Suspension Type - Rear Multi-Leaf
Spring Capacity - Front 8440 lbs
Spring Capacity - Rear 12900 lbs
Axle Type - Front Reverse I-Beam
Axle Type - Rear Full-Floating
Axle Capacity - Front 6830 lbs
Axle Capacity - Rear 11020 lbs
Axle Ratio (:1) - Front N/A
Axle Ratio (:1) - Rear 5.125
Shock Absorber Diameter - Front 42 mm
Shock Absorber Diameter - Rear 42 mm
Stabilizer Bar Diameter - Front 1.65 in

Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code I53/I69

Rear Tire Order Code I53/I34

Spare Tire Order Code N/A

Front Tire Size 215/85R16E

Rear Tire Size 215/85R16E

Spare Tire Size N/A

Front Tire Capacity 4860 lbs

Rear Tire Capacity 8840 lbs

Spare Tire Capacity N/A

Revolutions/Mile @ 45 mph - Front 683

Revolutions/Mile @ 45 mph - Rear 683

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A

Tire Rating Total 13700.00

Wheels

Front Wheel Size 16 x 6 in

Rear Wheel Size 16 x 6 in

Spare Wheel Size N/A

Front Wheel Material Steel

Rear Wheel Material Steel

Spare Wheel Material N/A

Front Bolt Pattern 6 Hole JIS 8.75"

Rear Bolt Pattern 6 Hole JIS 8.75"

Spare Bolt Pattern N/A

Steering

Steering Type Pwr

Steering Ratio (:1), On Center 18.8 - 20.9

Steering Ratio (:1), At Lock 18.8 - 20.9

Turning Diameter - Curb to Curb 33.5 ft

Turning Diameter - Wall to Wall 38.8 ft

Brakes

Brake Type Pwr

Brake ABS System 4-Wheel

Brake ABS System (Second Line) N/A

Disc - Front (Yes or) Yes

Disc - Rear (Yes or) N/A

Front Brake Rotor Diam x Thickness 11.5 x -TBD- in

Rear Brake Rotor Diam x Thickness N/A

Drum - Front (Yes or) N/A

Front Drum Diam x Width N/A

Chassis

Brakes

Drum - Rear (Yes or) Yes

Rear Drum Diam x Width 12.6 x 3.94 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal

Aux Fuel Tank Capacity, Approx N/A

Fuel Tank Location In frame rail

Aux Fuel Tank Location N/A

Dimensions

Interior Dimensions

Passenger Capacity 3

Front Head Room 38.4 in

Front Leg Room 29.5 in

Front Shoulder Room 70.7 in

Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in

Length, Overall w/o rear bumper 200.5 in

Width, Max w/o mirrors 81.3 in

Height, Overall 90.0 in

Overhang, Front 48.4 in

Overhang, Rear w/o bumper 43.1 in

Front Bumper to Back of Cab 70.9 in

Cab to Axle 86.5 in

Cab to End of Frame 129.6 in

Ground to Top of Load Floor N/A

Ground to Top of Frame 31.8 in

Frame Width, Rear 33.5 in

Ground Clearance, Front 7.5 in

Dimensions

Exterior Dimensions

Ground Clearance, Rear 7.5 in

Body Length 0.0 ft

Cab to Body 6.5 in

Frontal Area 48.00 ft²

Medium Duty

Medium Duty Performance

Front Axle % 67.98

Rear Axle % 32.02

Driver Weight 350.0 lbs

Front Ground Load 3652.00 lbs

Rear Ground Load 1720.00 lbs

1st gear High Speed (High Axle Gear) 12.97 MPH

2nd gear High Speed (High Axle Gear) 22.15 MPH

3rd gear High Speed (High Axle Gear) 34.17 MPH

4th gear High Speed (High Axle Gear) 45.46 MPH

5th gear High Speed (High Axle Gear) 61.51 MPH

6th gear High Speed (High Axle Gear) 78.03 MPH

1st gear Low Speed (High Axle Gear) 17.01 MPH

2nd gear Low Speed (High Axle Gear) 29.05 MPH

3rd gear Low Speed (High Axle Gear) 44.81 MPH

4th gear Low Speed (High Axle Gear) 59.62 MPH

5th gear Low Speed (High Axle Gear) 80.66 MPH

6th gear Low Speed (High Axle Gear) 102.33 MPH

1st gear High Speed (Low Axle Gear) N/A

2nd gear High Speed (Low Axle Gear) N/A

3rd gear High Speed (Low Axle Gear) N/A

4th gear High Speed (Low Axle Gear) N/A

5th gear High Speed (Low Axle Gear) N/A

6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A

2nd gear Low Speed (Low Axle Gear) N/A

3rd gear Low Speed (Low Axle Gear) N/A

4th gear Low Speed (Low Axle Gear) N/A

5th gear Low Speed (Low Axle Gear) N/A

6th gear Low Speed (Low Axle Gear) N/A

Reduction 53.70

Torque @ Clutch Engage 260 ft-lbs

Starting Grade Index 74.27

1st Gear Tractive Effort (High Axle Gear) 5457.53

2nd Gear Tractive Effort (High Axle Gear) 3195.97

3rd Gear Tractive Effort (High Axle Gear) 2071.96

4th Gear Tractive Effort (High Axle Gear) 1557.36

5th Gear Tractive Effort (High Axle Gear) 1151.09

6th Gear Tractive Effort (High Axle Gear) 907.33

1st Gear Tractive Effort (Low Axle Gear) N/A

2nd Gear Tractive Effort (Low Axle Gear) N/A

3rd Gear Tractive Effort (Low Axle Gear) N/A

4th Gear Tractive Effort (Low Axle Gear) N/A

5th Gear Tractive Effort (Low Axle Gear) N/A

6th Gear Tractive Effort (Low Axle Gear) N/A

1st Gear Gradeability (High Axle Gear) 63.68

2nd Gear Gradeability (High Axle Gear) 36.58

3rd Gear Gradeability (High Axle Gear) 22.50

4th Gear Gradeability (High Axle Gear) 15.36

5th Gear Gradeability (High Axle Gear) 8.56

6th Gear Gradeability (High Axle Gear) 3.01

1st Gear Gradeability (Low Axle Gear) 48.23

2nd Gear Gradeability (Low Axle Gear) 27.19

3rd Gear Gradeability (Low Axle Gear) 15.69

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 9.25
5th Gear Gradeability (Low Axle Gear) 2.18
6th Gear Gradeability (Low Axle Gear) -4.58
Geared Road Speed 78.03 MPH
Actual Loaded Speed 78.0 MPH In 6th Hi @ 3050
RPM MPH
Grade (%) 2.0
Maximum Speed Gradeability 2.6% @ 3147 RPM @ 78 MPH
Torque Converter 2.60
Maximum Capacity @ 0° F 750.00
% of Body on Front Axle 73.39
% of Body on Rear Axle 26.61
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) 78.0 MPH
Actual Loaded Speed (Second Part, RPM) 3050
Actual Loaded Speed (Third Part, Gear) 6
Road Type Concrete
Body Weight 0.0 lbs
Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 3652.00 lbs
Rear Total Load 1720.00 lbs

Weight Distribution

SPECIFICATION SUMMARY

Model # DB104
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 86.5 in
Cab to Body/Swing Clear (BOC) 6.5 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 4860 lbs
Rear GAWR 8840 lbs
GVWR 12000.00 lbs
CA: 86.5 in
BOC: 6.5 in
WB: 109.0 in

Fr%: 67.98

Front Wt: 3652.00 lbs

Rr%: 32.02

Rear Wt: 1720.00 lbs

GAWR/GVWR GVW Remaining Payload Wt

12000.00 lbs 5372.00 lbs 6,628.00 lbs

Weight Distribution

SPECIFICATION DETAILS

Front Axle Rear Axle Total

Actual

Chassis 3302.00 lbs 1720.00 lbs 5022.00 lbs
Body 0.00 lbs 0.00 lbs 0.0 lbs
Payload 0.00 lbs 0.00 lbs 0.00 lbs
Totals 3652.00 lbs 1720.00 lbs 5372.00 lbs

Capacity

Axle 4860 lbs 8840 lbs 13700.00 lbs
Suspension 8440 lbs 12900 lbs 21,340.00 lbs
Tire 4860 lbs 8840 lbs 13700.00
Total Axle Rating 4860.00 lbs 8840.00 lbs 13700.00 lbs

Selected Model and Options

MODEL

CODE MODEL

DB104 2016 Isuzu NPR GAS REG 109" WB 12000 GVWR IBT PWL

COLORS

CODE DESCRIPTION

729 Arc White

AXLE

CODE DESCRIPTION FRONT

WEIGHT**REAR****WEIGHT**

098 Rear axle ratio, 5.125:1 0.00 lbs 0.00 lbs

SEAT TRIM**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

34C Very Dark Pewter, Tricot cloth seat trim

(STD)

0.00 lbs 0.00 lbs

PRIMARY PAINT**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

729 Arc White 0.00 lbs 0.00 lbs

MODEL OPTION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

DB104 Custom/base model -inc: air cond, in rail

fuel tank, pwr windows, pwr door locks

0.00 lbs 0.00 lbs

REAR TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

I53/I34 Rear tires, 215/85R16E (10 ply) LRR

(low rolling resistance) tubeless steel

belted radials, all season (STD)

0.00 lbs 0.00 lbs

FRONT TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

I53/I69 Front tires, 215/85R16E (10 ply) LRR

(low rolling resistance) tubeless steel

belted radials, all season (STD)

0.00 lbs 0.00 lbs

WHEELBASE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

IA8 Wheelbase, 109" (276.9 cm) includes

ladder type channel frame. Full C

section straight frame 33.5 inches (85.1

cm) wide. Yield strength 44,000 psi,

section modulus 7.20 cu.in. and RBM

316,800 lb-ft/in per rail. (STD)

0.00 lbs 0.00 lbs

ENGINE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

L96 Gas Engine, GMPT-V8 8 cylinder V

block, four cycle overhead valve water

cooled Vortec 6 liter SFI V8 297 HP

gross @ 4300 RPM; 372 lb-ft gross

torque @ 4000 RPM. Electronically

controlled sequential fuel injection. Six

bolt main cap design for heavy duty

performance. Engine Control Module (ECM) and Transmission Control Module (TCM) engine control system. Engine cruise control, engine oil cooler, High Idle Mode (1200 rpm) (STD)
0.00 lbs 0.00 lbs

TRANSMISSION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

MYD Transmission, Automatic, 6L90-E Hydra-Matic, 6-speed with lock-up converter, overdrive. Ratios: Gear and Ratios 4.027, 2.364, 1.532, 1.152, 0.852, 0.667, Rev. 3.064:1 (STD)
0.00 lbs 0.00 lbs

VEHICLE APPLICATION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

EMISSIONS

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

PAINT SCHEME

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 0.00 lbs 0.00 lbs

As Specified Curb Weight 3302.00 lbs 1720.00 lbs

Standard Equipment

Mechanical

Truck Application

GVWR, 12,000 lbs (5443 kg) capacity

Gas Engine, GMPT-V8 8 cylinder V block, four cycle overhead valve water cooled Vortec 6 liter SFI V8 297 HP gross @ 4300 RPM; 372 lb-ft gross torque @ 4000 RPM. Electronically controlled sequential fuel injection. Six bolt main cap design for heavy duty performance. Engine Control Module (ECM) and Transmission Control Module (TCM) engine control system. Engine cruise control, engine oil cooler, High Idle Mode (1200 rpm) Air Cleaner, 11 in. diameter dry paper single element. Air cleaner canister standard with air restriction gauge. Back of cab location.

Transmission, Automatic, 6L90-E Hydra-Matic, 6-speed automatic with lock-up converter and overdrive. Ratios: Gear and Ratios 4.027, 2.364, 1.532, 1.152, 0.852, 0.667, Rev. 3.064:1

Rear wheel drive

Battery, Single Delco 12-V maintenance free 750 CCA frame mounted battery box

Alternator, 145 Amp. output with integral regulator

Front GAWR, 4860 lbs capacity

Front Axle, Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes integral hydraulic power steering. Ratio 18.8-20.9:1

Front Suspension, 8440 lbs. (3828 kg) capacity. Semi-elliptical steel alloy tapered leaf springs. Includes shock absorbers and stabilizer bar.

Rear GAWR, 8840 lbs capacity

Rear Axle, R040, Full-floating single-speed, 11,020 lbs. (4999 kg) capacity with oil lubricated rear wheel bearings

Rear Axle Ratio, 5.125:1

Rear Suspension, 12,900 lbs. (5851 kg) capacity. Semi-elliptical steel alloy multi-leaf springs. Includes shock absorbers.

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail.

Front/Rear Wheels, 16" x 6", 6-hole disc, painted white

Front/Rear Tires, 215/85R16E (10 ply) LRR (low rolling resistance) tubeless steel belted radials, all season

Brake System, Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and

self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard. 4 channel anti-lock brake system.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail with electric type fuel pump (mounted in tank). Through the rail fuel fill

Exhaust System, Single horizontal aluminized steel with catalytic converter and oxygen sensor devices

Exterior

Paint Scheme, Solid

Color, Arc White

Hexapod cab

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Entertainment

AM/FM/CD stereo radio with aux input & USB port

Interior

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat with tray backs

Floor mats

RH dash washer bottle service access

Tilt and telescoping steering column

Pwr windows & door locks

Cruise control

Air Conditioning, Integral in dash mounted

Cup holders

Door storage pockets

Overhead storage shelf

Dome light

Seatback pockets

Safety-Mechanical

4-channel anti-lock brake system (ABS)

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 75,000

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: 36,000

Frame Rail Note: 3 Years to 5 Years/Unlimited Miles Parts and Labor have a 50% charge

H-GAC Product Code: G2
NPR-HD, COE, SRA, Gas

2016 Isuzu NPR HD GAS REG (FE104) 109" WB 14500 GVWR IBT PWL (3)

WEIGHT RATINGS

Front Gross Axle Weight Rating: 6630 lbs

Rear Gross Axle Weight Rating: 11020 lbs

Gross Vehicle Weight Rating: 14500.00 lbs

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code MYD

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 4.03

Second Gear Ratio (:1) 2.36

Third Gear Ratio (:1) 1.53

Fourth Gear Ratio (:1) 1.15

Fifth Gear Ratio (:1) 0.85

Sixth Gear Ratio (:1) 0.67

Reverse Ratio (:1) 3.06

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer 6L90-E Hydra-Matic

Transmission Type N/A

Engine

Engine Order Code L96

Engine Type Gas V8

Displacement 6.0L/365

Powertrain

Engine

Fuel System SPFI

SAE Net Horsepower @ RPM 297 @ 4300

SAE Net Torque @ RPM 372 @ 4000

Engine Oil Cooler Yes

Governed Engine Speed (RPM) 3075

Engine Series GMPT

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) N/A

Cold Cranking Amps @ 0° F (3rd) N/A

Maximum Alternator Capacity (amps) 145

Cooling System

Total Cooling System Capacity 17.1 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A

As Spec Curb Weight - Front 3430.00 lbs

As Spec Curb Weight - Rear 1896.00 lbs

Chassis

Weight Information

Trim Curb Weight 5326.00 lbs

Standard Weight - Front 0.00 lbs

Standard Weight - Rear 0.00 lbs

Base Trim Weight - Front 3430.00 lbs

Base Trim Weight - Rear 1896.00 lbs

Total Weight 5676.00 lbs
Gross Axle Wt Rating - Front 6630 lbs
Gross Axle Wt Rating - Rear 11020 lbs

Chassis

Weight Information

Curb Weight - Front 3430 lbs
Curb Weight - Rear 1896 lbs
Option Weight - Front 0.00 lbs
Option Weight - Rear 0.00 lbs
Reserve Axle Capacity - Front 2850.00 lbs
Reserve Axle Capacity - Rear 9124.00 lbs
As Spec'd Curb Weight 5326.00 lbs
As Spec'd Payload 9174.00 lbs
Gross Combined Wt Rating 20500 lbs
Cargo Weight 0.00 lbs
Gross Vehicle Weight 5676.00 lbs
Axle Weight 5676.00 lbs
Gross Axle Weight Rating 17650.00 lbs
Curb Weight 5326.00 lbs
Reserve Axle Capacity 11974.00 lbs
Total Option Weight 0.00 lbs
Payload Weight Front 0.00 lbs
Payload Weight Rear 0.00 lbs
Maximum Axle Rating Front 6630.00 lbs
Maximum Axle Rating Rear 11020.00 lbs
Maximum Axle Rating Total 17650.00 lbs
Gross Vehicle Weight Rating 14500.00 lbs
Front PayLoad 350.00 lbs
Rear Payload 0.00 lbs
Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder
Sect Modulus Rails Only 7.20 in³
Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs
Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf
Suspension Type - Rear Multi-Leaf
Spring Capacity - Front 8440 lbs
Spring Capacity - Rear 12900 lbs
Axle Type - Front Reverse I-Beam
Axle Type - Rear Full-Floating
Axle Capacity - Front 6830 lbs
Axle Capacity - Rear 11020 lbs
Axle Ratio (:1) - Front N/A
Axle Ratio (:1) - Rear 5.375
Shock Absorber Diameter - Front 42 mm
Shock Absorber Diameter - Rear 42 mm
Stabilizer Bar Diameter - Front 1.65 in
Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code XTN/R3M
Rear Tire Order Code YTN/S3M
Spare Tire Order Code N/A
Front Tire Size 225/70R19.5G
Rear Tire Size 225/70R19.5G
Spare Tire Size N/A
Front Tire Capacity 6630 lbs
Rear Tire Capacity 12460 lbs
Spare Tire Capacity N/A
Revolutions/Mile @ 45 mph - Front 643
Revolutions/Mile @ 45 mph - Rear 643

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A
Tire Rating Total 19090.00

Wheels

Front Wheel Size 19.5 x 6 in
Rear Wheel Size 19.5 x 6 in
Spare Wheel Size N/A
Front Wheel Material Steel
Rear Wheel Material Steel
Spare Wheel Material N/A
Front Bolt Pattern 6 Hole JIS 8.75"
Rear Bolt Pattern 6 Hole JIS 8.75"
Spare Bolt Pattern N/A

Steering

Steering Type Pwr
Steering Ratio (:1), On Center 18.8 - 20.9
Steering Ratio (:1), At Lock 18.8 - 20.9
Turning Diameter - Curb to Curb 33.5 ft
Turning Diameter - Wall to Wall 38.8 ft

Brakes

Brake Type Pwr
Brake ABS System 4-Wheel
Brake ABS System (Second Line) N/A
Disc - Front (Yes or) Yes
Disc - Rear (Yes or) N/A
Front Brake Rotor Diam x Thickness 14.3 x -TBD- in
Rear Brake Rotor Diam x Thickness N/A
Drum - Front (Yes or) N/A
Front Drum Diam x Width N/A

Chassis**Brakes**

Drum - Rear (Yes or) Yes
Rear Drum Diam x Width 12.6 x 4.72 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal
Aux Fuel Tank Capacity, Approx N/A
Fuel Tank Location In frame rail
Aux Fuel Tank Location N/A

Dimensions**Interior Dimensions**

Passenger Capacity 3
Front Head Room 38.4 in
Front Leg Room 29.5 in
Front Shoulder Room 70.7 in
Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in
Length, Overall w/o rear bumper 200.5 in
Width, Max w/o mirrors 81.3 in
Height, Overall 90.9 in
Overhang, Front 48.4 in
Overhang, Rear w/o bumper 43.1 in
Front Bumper to Back of Cab 70.9 in
Cab to Axle 86.5 in
Cab to End of Frame 129.6 in
Ground to Top of Load Floor N/A
Ground to Top of Frame 33.0 in
Frame Width, Rear 33.5 in
Ground Clearance, Front 8.3 in

Dimensions**Exterior Dimensions**

Ground Clearance, Rear 8.3 in
Body Length 0.0 ft
Cab to Body 6.5 in
Frontal Area 48.00 ft²

Medium Duty**Medium Duty Performance**

Front Axle % 66.60
Rear Axle % 33.40
Driver Weight 350.0 lbs
Front Ground Load 3780.00 lbs
Rear Ground Load 1896.00 lbs

1st gear High Speed (High Axle Gear) 13.25 MPH
2nd gear High Speed (High Axle Gear) 22.62 MPH
3rd gear High Speed (High Axle Gear) 34.89 MPH
4th gear High Speed (High Axle Gear) 46.42 MPH
5th gear High Speed (High Axle Gear) 62.80 MPH
6th gear High Speed (High Axle Gear) 79.68 MPH
1st gear Low Speed (High Axle Gear) 17.23 MPH
2nd gear Low Speed (High Axle Gear) 29.42 MPH
3rd gear Low Speed (High Axle Gear) 45.39 MPH
4th gear Low Speed (High Axle Gear) 60.38 MPH
5th gear Low Speed (High Axle Gear) 81.70 MPH
6th gear Low Speed (High Axle Gear) 103.64 MPH
1st gear High Speed (Low Axle Gear) N/A
2nd gear High Speed (Low Axle Gear) N/A
3rd gear High Speed (Low Axle Gear) N/A
4th gear High Speed (Low Axle Gear) N/A
5th gear High Speed (Low Axle Gear) N/A
6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A
2nd gear Low Speed (Low Axle Gear) N/A
3rd gear Low Speed (Low Axle Gear) N/A
4th gear Low Speed (Low Axle Gear) N/A
5th gear Low Speed (Low Axle Gear) N/A
6th gear Low Speed (Low Axle Gear) N/A
Reduction 56.32
Torque @ Clutch Engage 260 ft-lbs
Starting Grade Index 60.69
1st Gear Tractive Effort (High Axle Gear) 5388.54
2nd Gear Tractive Effort (High Axle Gear) 3155.57
3rd Gear Tractive Effort (High Axle Gear) 2045.77
4th Gear Tractive Effort (High Axle Gear) 1537.67
5th Gear Tractive Effort (High Axle Gear) 1136.54
6th Gear Tractive Effort (High Axle Gear) 895.86
1st Gear Tractive Effort (Low Axle Gear) N/A
2nd Gear Tractive Effort (Low Axle Gear) N/A
3rd Gear Tractive Effort (Low Axle Gear) N/A
4th Gear Tractive Effort (Low Axle Gear) N/A
5th Gear Tractive Effort (Low Axle Gear) N/A
6th Gear Tractive Effort (Low Axle Gear) N/A
1st Gear Gradeability (High Axle Gear) 51.50
2nd Gear Gradeability (High Axle Gear) 29.51
3rd Gear Gradeability (High Axle Gear) 18.04
4th Gear Gradeability (High Axle Gear) 12.19
5th Gear Gradeability (High Axle Gear) 6.56
6th Gear Gradeability (High Axle Gear) 1.91
1st Gear Gradeability (Low Axle Gear) 39.29
2nd Gear Gradeability (Low Axle Gear) 22.08
3rd Gear Gradeability (Low Axle Gear) 12.62

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 7.29
5th Gear Gradeability (Low Axle Gear) 1.38
6th Gear Gradeability (Low Axle Gear) -4.30
Geared Road Speed 79.68 MPH
Actual Loaded Speed 62.7 MPH In 5th Hi @ 3070
RPM MPH
Grade (%) 2.0
Maximum Speed Gradeability 1.95% @ 3146 RPM @ 78 MPH
Torque Converter 2.60
Maximum Capacity @ 0° F 750.00
% of Body on Front Axle 73.39
% of Body on Rear Axle 26.61
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) 62.7 MPH
Actual Loaded Speed (Second Part, RPM) 3070
Actual Loaded Speed (Third Part, Gear) 5

Road Type Concrete
Body Weight 0.0 lbs
Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 3780.00 lbs
Rear Total Load 1896.00 lbs

the right to discontinue or change, at any time, without prior notice, the pricing, specifications, options, materials, equipment, design and models.
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Weight Distribution

SPECIFICATION SUMMARY

Model # FE104
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 86.5 in
Cab to Body/Swing Clear (BOC) 6.5 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 6630 lbs
Rear GAWR 11020 lbs
GVWR 14500.00 lbs
CA: 86.5 in
BOC: 6.5 in
WB: 109.0 in

Fr%: 66.60

Front Wt: 3780.00 lbs

Rr%: 33.40

Rear Wt: 1896.00 lbs

GAWR/GVWR GVW Remaining Payload Wt

14500.00 lbs 5676.00 lbs 8,824.00 lbs

Weight Distribution

SPECIFICATION DETAILS

Front Axle Rear Axle Total

Actual

Chassis 3430.00 lbs 1896.00 lbs 5326.00 lbs

Body 0.00 lbs 0.00 lbs 0.0 lbs

Payload 0.00 lbs 0.00 lbs 0.00 lbs

Totals 3780.00 lbs 1896.00 lbs 5676.00 lbs

Capacity

Axle 6630 lbs 11020 lbs 17650.00 lbs

Suspension 8440 lbs 12900 lbs 21,340.00 lbs

Tire 6630 lbs 12460 lbs 19090.00

Total Axle Rating 6630.00 lbs 11020.00 lbs 17650.00 lbs

Selected Model and Options

MODEL

CODE MODEL

FE104 2016 Isuzu NPR HD GAS REG 109" WB 14500 GVWR IBT PWL

COLORS

CODE DESCRIPTION

729 Arc White

SEAT TRIM

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

34C Very Dark Pewter, Tricot cloth seat trim
(STD)

0.00 lbs 0.00 lbs

PRIMARY PAINT

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

729 Arc White 0.00 lbs 0.00 lbs

MODEL OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR**WEIGHT**

FE104 Custom/base model -inc: air cond, in rail
fuel tank, pwr windows, pwr door locks
0.00 lbs 0.00 lbs

WHEELBASE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

IA8 Wheelbase, 109" (276.9 cm) includes
ladder type channel frame. Full C
section straight frame 33.5 inches (85.1
cm) wide. Yield strength 44,000 psi,
section modulus 7.20 cu.in. and RBM
316,800 lb-ft/in per rail. (STD)
0.00 lbs 0.00 lbs

AXLE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

IC6 Rear axle ratio, 5.375:1 (STD) 0.00 lbs 0.00 lbs

ENGINE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

L96 Gas Engine, GMPT-V8 8 cylinder V
block, four cycle overhead valve water
cooled Vortec 6 liter SFI V8 297 HP
gross @ 4300 RPM; 372 lb-ft gross
torque @ 4000 RPM. Electronically
controlled sequential fuel injection. Six
bolt main cap design for heavy duty
performance. Engine Control Module
(ECM) and Transmission Control
Module (TCM) engine control system.
Engine cruise control, engine oil cooler,
High Idle Mode (1200 rpm) (STD)
0.00 lbs 0.00 lbs

TRANSMISSION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

MYD Transmission, Automatic, 6L90-E Hydra
-Matic, 6-speed with lock-up converter,
overdrive. Ratios: Gear and Ratios
4.027, 2.364, 1.532, 1.152, 0.852,
0.667, Rev. 3.064:1 (STD)
0.00 lbs 0.00 lbs

VEHICLE APPLICATION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

FRONT TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

XTN/R3M Front tires, 225/70R19.5G (14 ply) LRR
(low rolling resistance) tubeless steel
belted radials, all season (STD)
0.00 lbs 0.00 lbs

EMISSIONS

CODE DESCRIPTION FRONT**WEIGHT****REAR****WEIGHT**

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

REAR TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

YTN/S3M Rear tires, 225/70R19.5G (14 ply) LRR

(low rolling resistance) tubeless steel

belted radials, all season (STD)

0.00 lbs 0.00 lbs

PAINT SCHEME**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 0.00 lbs 0.00 lbs

As Specified Curb Weight 3430.00 lbs 1896.00 lbs

Standard Equipment**Mechanical**

Truck Application

GVWR, 14,500 lbs (6577 kg) capacity

Gas Engine, GMPT-V8 8 cylinder V block, four cycle overhead valve water cooled Vortec 6 liter SFI V8 297 HP gross @ 4300 RPM; 372 lb-ft gross torque @ 4000 RPM. Electronically controlled sequential fuel injection. Six bolt main cap design for heavy duty performance. Engine Control Module (ECM) and Transmission Control

Module (TCM) engine control system. Engine cruise control, engine oil cooler, High Idle Mode (1200 rpm)

Air Cleaner, 11 in. diameter dry paper single element. Air cleaner canister standard with air restriction gauge.

Back of cab location.

Transmission, Automatic, 6L90-E Hydra-Matic, 6-speed automatic with lock-up converter and overdrive. Ratios:

Gear and Ratios 4.027, 2.364, 1.532, 1.152, 0.852, 0.667, Rev. 3.064:1

Rear wheel drive

Battery, Single Delco 12-V maintenance free 750 CCA frame mounted battery box

Alternator, 145 Amp. output with integral regulator

Front GAWR, 6630 lbs capacity

Front Axle, Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes integral hydraulic power steering. Ratio

18.8-20.9:1

Front Suspension, 8440 lbs. (3828 kg) capacity. Semi-elliptical steel alloy tapered leaf springs. Includes shock

absorbers and stabilizer bar.

Rear GAWR, 11,020 lbs (4999 kg) capacity

Rear Axle, R040, Full-floating single-speed, 11,020 lbs. (4999 kg) capacity with oil lubricated rear wheel

bearings

Rear Axle Ratio, 5.375:1

Rear Suspension, 12,900 lbs. (5851 kg) capacity. Semi-elliptical steel alloy multi-leaf springs. Includes shock

absorbers.

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1

cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail.

Front/Rear Wheels, 19.5" x 6", 6-hole disc, painted white

Front/Rear Tires, 225/70R19.5G (14 ply) LRR (low rolling resistance) tubeless steel belt radials, all season

Brake System, Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and

self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi

metallic linings are standard. 4 channel anti-lock brake system.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail with electric type fuel pump

(mounted in tank). Through the rail fuel fill

Exhaust System, Single horizontal aluminized steel with catalytic converter and oxygen sensor devices

Exterior

Paint Scheme, Solid

Color, Arc White

Hexapod cab

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Entertainment

AM/FM/CD stereo radio with aux input & USB port

Interior

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat with tray backs

Floor mats

RH dash washer bottle service access

Tilt and telescoping steering column

Pwr windows & door locks

Cruise control

Air Conditioning, Integral in dash mounted

Cup holders

Door storage pockets

Overhead storage shelf

Dome light

Seatback pockets

Safety-Mechanical

4-channel anti-lock brake system (ABS)

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 75,000

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: 36,000

Frame Rail Note: 3 Years to 5 Years/Unlimited Miles Parts and Labor have a 50% charge

H-GAC Product Code: G3
NPR-HD, COE, SRA, Diesel

WEIGHT RATINGS

2016 Isuzu NPR HD DSL REG AT (NF154) 109" WB WHITE CAB IBT AIR PWL

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code IR7

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 3.742

Second Gear Ratio (:1) 2.003

Third Gear Ratio (:1) 1.343

Fourth Gear Ratio (:1) 1.000

Fifth Gear Ratio (:1) 0.773

Sixth Gear Ratio (:1) 0.634

Reverse Ratio (:1) 3.539

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer Aisin A465

Transmission Type N/A

Engine

Engine Order Code I1B

Engine Type Diesel I-4

Displacement 5.19L/317

Powertrain

Engine

Fuel System Turbocharged DI

SAE Net Horsepower @ RPM 215 @ 2550

SAE Net Torque @ RPM 452 @ 1850

Engine Oil Cooler N/A

Governed Engine Speed (RPM) 2750

Engine Series 4HK1-TC

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) 750

Cold Cranking Amps @ 0° F (3rd) N/A

Maximum Alternator Capacity (amps) 140

Cooling System

Total Cooling System Capacity 19.0 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A

As Spec Curb Weight - Front 3987.00 lbs

As Spec Curb Weight - Rear 2057.00 lbs

Chassis

Weight Information

Trim Curb Weight 5964.00 lbs

Standard Weight - Front 0.00 lbs

Standard Weight - Rear 0.00 lbs

Base Trim Weight - Front 3907.00 lbs

Base Trim Weight - Rear 2057.00 lbs

Total Weight 6394.00 lbs

Gross Axle Wt Rating - Front 5360 lbs

Gross Axle Wt Rating - Rear 9880 lbs

Chassis

Weight Information

Curb Weight - Front 3907 lbs

Curb Weight - Rear 2057 lbs

Option Weight - Front 80.00 lbs

Option Weight - Rear 0.00 lbs

Reserve Axle Capacity - Front 1023.00 lbs

Reserve Axle Capacity - Rear 7823.00 lbs

As Spec'd Curb Weight 6044.00 lbs

As Spec'd Payload 8456.00 lbs

Gross Combined Wt Rating 20500 lbs

Cargo Weight 0.00 lbs

Gross Vehicle Weight 6394.00 lbs

Axle Weight 6394.00 lbs

Gross Axle Weight Rating 15240.00 lbs

Curb Weight 5964.00 lbs

Reserve Axle Capacity 8846.00 lbs

Total Option Weight 80.00 lbs

Payload Weight Front 0.00 lbs

Payload Weight Rear 0.00 lbs

Maximum Axle Rating Front 5360.00 lbs

Maximum Axle Rating Rear 9880.00 lbs

Maximum Axle Rating Total 15240.00 lbs

Gross Vehicle Weight Rating 14500.00 lbs

Front PayLoad 350.00 lbs

Rear Payload 0.00 lbs

Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder

Sect Modulus Rails Only 7.20 in³

Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs

Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf

Suspension Type - Rear Multi-Leaf

Spring Capacity - Front 6830 lbs

Spring Capacity - Rear 9880 lbs

Axle Type - Front Reverse I-Beam

Axle Type - Rear Full-Floating

Axle Capacity - Front 6830 lbs

Axle Capacity - Rear 11020 lbs

Axle Ratio (:1) - Front N/A

Axle Ratio (:1) - Rear 4.56

Shock Absorber Diameter - Front 42 mm

Shock Absorber Diameter - Rear 42 mm

Stabilizer Bar Diameter - Front 1.65 in

Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code I5H/I69

Rear Tire Order Code I5H/I34

Spare Tire Order Code N/A

Front Tire Size 215/85R16E

Rear Tire Size 215/85R16E

Spare Tire Size N/A

Front Tire Capacity 5360 lbs

Rear Tire Capacity 9880 lbs

Spare Tire Capacity N/A

Revolutions/Mile @ 45 mph - Front 682.9

Revolutions/Mile @ 45 mph - Rear 682.9

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A

Tire Rating Total 15240.00

Wheels

Front Wheel Size 16 x 6 in
Rear Wheel Size 16 x 6 in
Spare Wheel Size N/A
Front Wheel Material Steel
Rear Wheel Material Steel
Spare Wheel Material N/A
Front Bolt Pattern 6 Hole JIS 8.75"
Rear Bolt Pattern 6 Hole JIS 8.75"
Spare Bolt Pattern N/A

Steering

Steering Type Power
Steering Ratio (:1), On Center 18.8 - 20.9
Steering Ratio (:1), At Lock 18.8 - 20.9
Turning Diameter - Curb to Curb 31.5 ft
Turning Diameter - Wall to Wall 37.1 ft

Brakes

Brake Type Power
Brake ABS System 4-Wheel
Brake ABS System (Second Line) N/A
Disc - Front (Yes or) Yes
Disc - Rear (Yes or) N/A
Front Brake Rotor Diam x Thickness 11.5 x 0.51 in
Rear Brake Rotor Diam x Thickness N/A
Drum - Front (Yes or) N/A
Front Drum Diam x Width N/A

Chassis

Brakes

Drum - Rear (Yes or) Yes
Rear Drum Diam x Width 12.6 x 3.94 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal
Aux Fuel Tank Capacity, Approx N/A
Fuel Tank Location In frame rail
Aux Fuel Tank Location N/A

Dimensions

Interior Dimensions

Passenger Capacity 3
Front Head Room 38.4 in
Front Leg Room 29.5 in
Front Shoulder Room 70.7 in
Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in
Length, Overall w/o rear bumper 200.5 in
Width, Max w/o mirrors 81.3 in
Height, Overall 90.8 in
Overhang, Front 48.4 in
Overhang, Rear w/o bumper 43.1 in
Front Bumper to Back of Cab 70.7 in
Cab to Axle 86.5 in
Cab to End of Frame 129.6 in
Ground to Top of Load Floor N/A
Ground to Top of Frame 31.1 in
Frame Width, Rear 33.5 in
Ground Clearance, Front 7.5 in

Dimensions

Exterior Dimensions

Ground Clearance, Rear 7.5 in
Body Length 0.0 ft
Cab to Body 7.7 in
Frontal Area 48.00 ft²

Medium Duty

Medium Duty Performance

Front Axle % 67.83
Rear Axle % 32.17
Driver Weight 350.0 lbs
Front Ground Load 4337.00 lbs
Rear Ground Load 2057.00 lbs
1st gear High Speed (High Axle Gear) 14.16 MPH

2nd gear High Speed (High Axle Gear) 26.45 MPH
3rd gear High Speed (High Axle Gear) 39.45 MPH
4th gear High Speed (High Axle Gear) 52.99 MPH
5th gear High Speed (High Axle Gear) 68.55 MPH
6th gear High Speed (High Axle Gear) 83.57 MPH
1st gear Low Speed (High Axle Gear) 9.53 MPH
2nd gear Low Speed (High Axle Gear) 17.80 MPH
3rd gear Low Speed (High Axle Gear) 26.54 MPH
4th gear Low Speed (High Axle Gear) 35.65 MPH
5th gear Low Speed (High Axle Gear) 46.11 MPH
6th gear Low Speed (High Axle Gear) 56.22 MPH
1st gear High Speed (Low Axle Gear) N/A
2nd gear High Speed (Low Axle Gear) N/A
3rd gear High Speed (Low Axle Gear) N/A
4th gear High Speed (Low Axle Gear) N/A
5th gear High Speed (Low Axle Gear) N/A
6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A
2nd gear Low Speed (Low Axle Gear) N/A
3rd gear Low Speed (Low Axle Gear) N/A
4th gear Low Speed (Low Axle Gear) N/A
5th gear Low Speed (Low Axle Gear) N/A
6th gear Low Speed (Low Axle Gear) N/A
Reduction 30.10
Torque @ Clutch Engage 265 ft-lbs
Starting Grade Index 35.11
1st Gear Tractive Effort (High Axle Gear) 5477.69
2nd Gear Tractive Effort (High Axle Gear) 2932.07
3rd Gear Tractive Effort (High Axle Gear) 1965.94
4th Gear Tractive Effort (High Axle Gear) 1463.84
5th Gear Tractive Effort (High Axle Gear) 1131.55
6th Gear Tractive Effort (High Axle Gear) 928.07
1st Gear Tractive Effort (Low Axle Gear) N/A
2nd Gear Tractive Effort (Low Axle Gear) N/A
3rd Gear Tractive Effort (Low Axle Gear) N/A
4th Gear Tractive Effort (Low Axle Gear) N/A
5th Gear Tractive Effort (Low Axle Gear) N/A
6th Gear Tractive Effort (Low Axle Gear) N/A
1st Gear Gradeability (High Axle Gear) 34.62
2nd Gear Gradeability (High Axle Gear) 17.67
3rd Gear Gradeability (High Axle Gear) 10.57
4th Gear Gradeability (High Axle Gear) 6.10
5th Gear Gradeability (High Axle Gear) 2.12
6th Gear Gradeability (High Axle Gear) -1.39
1st Gear Gradeability (Low Axle Gear) 51.94
2nd Gear Gradeability (Low Axle Gear) 27.28
3rd Gear Gradeability (Low Axle Gear) 17.60

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 12.22
5th Gear Gradeability (Low Axle Gear) 8.18
6th Gear Gradeability (Low Axle Gear) 5.21
Geared Road Speed 83.57 MPH
Actual Loaded Speed N/A
Grade (%) 2.0
Maximum Speed Gradeability N/A
Torque Converter 1.764
Maximum Capacity @ 0° F 1500.00
% of Body on Front Axle 72.29
% of Body on Rear Axle 27.71
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) N/A
Actual Loaded Speed (Second Part, RPM)
Actual Loaded Speed (Third Part, Gear)
Road Type Concrete
Body Weight 0.0 lbs

Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 4337.00 lbs
Rear Total Load 2057.00 lbs

Weight Distribution
SPECIFICATION SUMMARY

Model # NF154
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 86.5 in
Cab to Body/Swing Clear (BOC) 7.7 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 5360 lbs
Rear GAWR 9880 lbs
GVWR 14500.00 lbs
CA: 86.5 in
BOC: 7.7 in
WB: 109.0 in
Fr%: 67.83
Front Wt: 4337.00 lbs
Rr%: 32.17
Rear Wt: 2057.00 lbs
GAWR/GVWR GVW Remaining Payload Wt
14500.00 lbs 6394.00 lbs 8,106.00 lbs

Weight Distribution
SPECIFICATION DETAILS

Front Axle Rear Axle Total
Actual
Chassis 3987.00 lbs 2057.00 lbs 6044.00 lbs
Body 0.00 lbs 0.00 lbs 0.0 lbs
Payload 0.00 lbs 0.00 lbs 0.00 lbs
Totals 4337.00 lbs 2057.00 lbs 6394.00 lbs

Capacity
Axle 5360 lbs 9880 lbs 15240.00 lbs
Suspension 6830 lbs 9880 lbs 16,710.00 lbs
Tire 5360 lbs 9880 lbs 15240.00
Total Axle Rating 5360.00 lbs 9880.00 lbs 15240.00 lbs

Selected Model and Options

MODEL
CODE MODEL
NF154 2016 Isuzu NPR HD DSL REG AT 109" WB WHITE CAB IBT AIR PWL

COLORS
CODE DESCRIPTION
729 Arc White

AXLE
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
005 Rear axle ratio, 4.56:1 (STD) 0.00 lbs 0.00 lbs

SEAT TRIM
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
34C Very Dark Pewter, Tricot cloth seat trim
(STD)
0.00 lbs 0.00 lbs

PRIMARY PAINT
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
729 Arc White 0.00 lbs 0.00 lbs

REQUIRED OPTION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

C60 Air conditioning 80.00 lbs 0.00 lbs

I3H DEF Fill Charge 0.00 lbs 0.00 lbs

ENGINE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level.

Rear engine cover. (STD)

0.00 lbs 0.00 lbs

REAR TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

I5H/I34 Rear tires, 215/85R16E (10 ply)

tubeless radial, all season (STD)

0.00 lbs 0.00 lbs

FRONT TIRES**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

I5H/I69 Front tires, 215/85R16E (10 ply)

tubeless radial, all season (STD)

0.00 lbs 0.00 lbs

WHEELBASE**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

IA8 Wheelbase, 109" (276.9 cm) includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail. (STD)

0.00 lbs 0.00 lbs

TRANSMISSION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

IR7 Transmission, automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343,

1.000, 0.773, 0.634, Rev 3.539 (STD)

0.00 lbs 0.00 lbs

MODEL OPTION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

NF154 Custom/base model (SEO) -inc: in rail
fuel tank, pwr windows/door locks (REQ:
C60 Air Conditioning)
0.00 lbs 0.00 lbs

VEHICLE APPLICATION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

EMISSIONS

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

PAINT SCHEME

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 80.00 lbs 0.00 lbs

As Specified Curb Weight 3987.00 lbs 2057.00 lbs

Standard Equipment

Mechanical

Truck Application

GVWR, 14500 lbs (6577 kg) capacity

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover.

Air Cleaner, Dry Paper single element (Donaldson brand). Air cleaner canister standard with air restriction gauge.

Alternator, 140 AMP with integral regulator

Battery, Dual 12-V maintenance free, 750 CCA each

Transmission, Automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539

Rear wheel drive

Front GAWR, 5360 lbs (2431 kg) capacity

Front Axle, Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes integral hydraulic power steering. Ratio 18.8-20.9:1

Front Suspension, 6830 lbs. (3098 kg) capacity. Semi-elliptical steel alloy tapered leaf springs. Includes shock absorbers and stabilizer bar.

Front Wheels, 16" x 6", 6-hole disc, painted white

Front Tires, 215/85R16E (10 ply) tubeless radial, all season

Rear GAWR, 9880 lbs (4481 kg) capacity

Rear Axle, R040, Full-floating single-speed, 11,020 lbs. (4999 kg) capacity with oil lubricated rear wheel bearings

Rear Axle Ratio, 4.56:1

Rear Suspension, 9880 lbs. (4481 kg) capacity. Semi-elliptical main and auxiliary multi-leaf springs. Includes shock absorbers.

Rear Wheels, 16" x 6", 6-hole disc, painted white

Rear Tires, 215/85R16E (10 ply) tubeless radial, all season

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail through the rail fuel fill. Fuel water separator with dash mounted warning light.

Brake System, Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard. 4 channel anti-lock brake system.

Mechanical

Exhaust Brake, vacuum operated

Exhaust System, Single horizontal with DPF (Diesel Particulate Filter)

Exterior

Paint Scheme, Solid

Cab Mounts, All steel low cab forward, BBC 70.7 in. 45 deg. mechanical tilt with torsion assist

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Entertainment

AM/FM/CD stereo radio

Interior

Multi-Information Display (MID) (monitors vital functions including diesel exhaust fluid levels (DEF), particulate matter emissions level in the diesel particulate filter (DPF), diesel particulate filter regeneration, service reminders for engine oil, transmission oil, differential oil, power steering fluid, engine oil filter, and fuel filters. The MID provides fuel economy reporting by average, instant, and trip.)

Isuzu Vehicle Health Report (Standard on all N-Series diesel trucks, exclusive to Isuzu, monitors the trucks performance, and driver behavior. Reports provide detailed information on engine operation, braking, emissions, fuel economy, acceleration & deceleration frequency, idling, and speed history. Ask your Isuzu dealer to provide you with an Isuzu Vehicle Health Report at your next service.)

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat

Floor mats

Tilt and telescoping steering column

Cruise control

Power windows & door locks

Safety-Mechanical

4 channel anti-lock brake system

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: Unlimited

Drivetrain Years: 3

Drivetrain Miles/km: Unlimited

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: Unlimited

Frame Rail Note: 3 Years to 5 Years/Unlimited Parts and Labor have a 50% charge

the right to discontinue or change, at any time, without prior notice, the pricing, specifications, options, materials, equipment, design and models.

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H-GAC Product Code: G4
NPR-XD, COE, SRA, Diesel

2016 Isuzu NPR XD DSL REG AT (NY154) 109" WB WHITE CAB IBT AIR PWL (2)

WEIGHT RATINGS

Front Gross Axle Weight Rating: 6630 lbs

Rear Gross Axle Weight Rating: 11020 lbs

Gross Vehicle Weight Rating: 16000.00 lbs

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code IR7

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 3.742

Second Gear Ratio (:1) 2.003

Third Gear Ratio (:1) 1.343

Fourth Gear Ratio (:1) 1.000

Fifth Gear Ratio (:1) 0.773

Sixth Gear Ratio (:1) 0.634

Reverse Ratio (:1) 3.539

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer Aisin A465

Transmission Type N/A

Engine

Engine Order Code I1B

Engine Type Diesel I-4

Displacement 5.19L/317

Powertrain

Engine

Fuel System Turbocharged DI

SAE Net Horsepower @ RPM 215 @ 2550

SAE Net Torque @ RPM 452 @ 1850

Engine Oil Cooler N/A

Governed Engine Speed (RPM) 2750

Engine Series 4HK1-TC

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) 750

Cold Cranking Amps @ 0° F (3rd) N/A

Maximum Alternator Capacity (amps) 140

Cooling System

Total Cooling System Capacity 19.0 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A

As Spec Curb Weight - Front 4183.00 lbs

As Spec Curb Weight - Rear 2290.00 lbs

Chassis

Weight Information

Trim Curb Weight 6393.00 lbs

Standard Weight - Front 0.00 lbs

Standard Weight - Rear 0.00 lbs

Base Trim Weight - Front 4103.00 lbs

Base Trim Weight - Rear 2290.00 lbs

Total Weight 6823.00 lbs
Gross Axle Wt Rating - Front 6630 lbs
Gross Axle Wt Rating - Rear 11020 lbs

Chassis

Weight Information

Curb Weight - Front 4103 lbs
Curb Weight - Rear 2290 lbs
Option Weight - Front 80.00 lbs
Option Weight - Rear 0.00 lbs
Reserve Axle Capacity - Front 2097.00 lbs
Reserve Axle Capacity - Rear 8730.00 lbs
As Spec'd Curb Weight 6473.00 lbs
As Spec'd Payload 9527.00 lbs
Gross Combined Wt Rating 22000 lbs
Cargo Weight 0.00 lbs
Gross Vehicle Weight 6823.00 lbs
Axle Weight 6823.00 lbs
Gross Axle Weight Rating 17650.00 lbs
Curb Weight 6393.00 lbs
Reserve Axle Capacity 10827.00 lbs
Total Option Weight 80.00 lbs
Payload Weight Front 0.00 lbs
Payload Weight Rear 0.00 lbs
Maximum Axle Rating Front 6630.00 lbs
Maximum Axle Rating Rear 11020.00 lbs
Maximum Axle Rating Total 17650.00 lbs
Gross Vehicle Weight Rating 16000.00 lbs
Front PayLoad 350.00 lbs
Rear Payload 0.00 lbs
Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder
Sect Modulus Rails Only 7.20 in³
Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs
Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf
Suspension Type - Rear Multi-Leaf
Spring Capacity - Front 8440 lbs
Spring Capacity - Rear 14308 lbs
Axle Type - Front Reverse I-Beam
Axle Type - Rear Full-Floating
Axle Capacity - Front 6830 lbs
Axle Capacity - Rear 11020 lbs
Axle Ratio (:1) - Front N/A
Axle Ratio (:1) - Rear 4.77
Shock Absorber Diameter - Front 42 mm
Shock Absorber Diameter - Rear 42 mm
Stabilizer Bar Diameter - Front 1.65 in
Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code I5H/I69
Rear Tire Order Code I5H/I34
Spare Tire Order Code N/A
Front Tire Size 225/70R19.5F
Rear Tire Size 225/70R19.5F
Spare Tire Size N/A
Front Tire Capacity 6630 lbs
Rear Tire Capacity 12460 lbs
Spare Tire Capacity N/A
Revolutions/Mile @ 45 mph - Front 643
Revolutions/Mile @ 45 mph - Rear 643

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A
Tire Rating Total 19090.00

Wheels

Front Wheel Size 19.5 x 6 in
Rear Wheel Size 19.5 x 6 in
Spare Wheel Size N/A
Front Wheel Material Steel
Rear Wheel Material Steel
Spare Wheel Material N/A
Front Bolt Pattern 6 Hole JIS 8.75"
Rear Bolt Pattern 6 Hole JIS 8.75"
Spare Bolt Pattern N/A

Steering

Steering Type Power
Steering Ratio (:1), On Center 18.8 - 20.9
Steering Ratio (:1), At Lock 18.8 - 20.9
Turning Diameter - Curb to Curb 32.8 ft
Turning Diameter - Wall to Wall 38.7 ft

Brakes

Brake Type Power
Brake ABS System 4-Wheel
Brake ABS System (Second Line) N/A
Disc - Front (Yes or) Yes
Disc - Rear (Yes or) N/A
Front Brake Rotor Diam x Thickness 14.3 x 0.51 in
Rear Brake Rotor Diam x Thickness N/A
Drum - Front (Yes or) N/A
Front Drum Diam x Width N/A

Chassis

Brakes

Drum - Rear (Yes or) Yes
Rear Drum Diam x Width 12.6 x 4.72 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal
Aux Fuel Tank Capacity, Approx N/A
Fuel Tank Location In frame rail
Aux Fuel Tank Location N/A

Dimensions

Interior Dimensions

Passenger Capacity 3
Front Head Room 38.4 in
Front Leg Room 29.5 in
Front Shoulder Room 70.7 in
Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in
Length, Overall w/o rear bumper 200.5 in
Width, Max w/o mirrors 81.3 in
Height, Overall 92.4 in
Overhang, Front 48.4 in
Overhang, Rear w/o bumper 43.1 in
Front Bumper to Back of Cab 70.7 in
Cab to Axle 86.5 in
Cab to End of Frame 129.6 in
Ground to Top of Load Floor N/A
Ground to Top of Frame 33.0 in
Frame Width, Rear 33.5 in
Ground Clearance, Front 7.5 in

Dimensions

Exterior Dimensions

Ground Clearance, Rear 7.5 in
Body Length 0.0 ft
Cab to Body 7.7 in
Frontal Area 48.00 ft²

Medium Duty

Medium Duty Performance

Front Axle % 66.44
Rear Axle % 33.56
Driver Weight 350.0 lbs
Front Ground Load 4533.00 lbs
Rear Ground Load 2290.00 lbs

1st gear High Speed (High Axle Gear) 14.38 MPH
2nd gear High Speed (High Axle Gear) 26.86 MPH
3rd gear High Speed (High Axle Gear) 40.06 MPH
4th gear High Speed (High Axle Gear) 53.80 MPH
5th gear High Speed (High Axle Gear) 69.59 MPH
6th gear High Speed (High Axle Gear) 84.85 MPH
1st gear Low Speed (High Axle Gear) 9.67 MPH
2nd gear Low Speed (High Axle Gear) 18.07 MPH
3rd gear Low Speed (High Axle Gear) 26.95 MPH
4th gear Low Speed (High Axle Gear) 36.19 MPH
5th gear Low Speed (High Axle Gear) 46.82 MPH
6th gear Low Speed (High Axle Gear) 57.08 MPH
1st gear High Speed (Low Axle Gear) N/A
2nd gear High Speed (Low Axle Gear) N/A
3rd gear High Speed (Low Axle Gear) N/A
4th gear High Speed (Low Axle Gear) N/A
5th gear High Speed (Low Axle Gear) N/A
6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A
2nd gear Low Speed (Low Axle Gear) N/A
3rd gear Low Speed (Low Axle Gear) N/A
4th gear Low Speed (Low Axle Gear) N/A
5th gear Low Speed (Low Axle Gear) N/A
6th gear Low Speed (Low Axle Gear) N/A
Reduction 31.49
Torque @ Clutch Engage 265 ft-lbs
Starting Grade Index 31.34
1st Gear Tractive Effort (High Axle Gear) 5395.17
2nd Gear Tractive Effort (High Axle Gear) 2887.90
3rd Gear Tractive Effort (High Axle Gear) 1936.32
4th Gear Tractive Effort (High Axle Gear) 1441.79
5th Gear Tractive Effort (High Axle Gear) 1114.50
6th Gear Tractive Effort (High Axle Gear) 914.09
1st Gear Tractive Effort (Low Axle Gear) N/A
2nd Gear Tractive Effort (Low Axle Gear) N/A
3rd Gear Tractive Effort (Low Axle Gear) N/A
4th Gear Tractive Effort (Low Axle Gear) N/A
5th Gear Tractive Effort (Low Axle Gear) N/A
6th Gear Tractive Effort (Low Axle Gear) N/A
1st Gear Gradeability (High Axle Gear) 30.84
2nd Gear Gradeability (High Axle Gear) 15.68
3rd Gear Gradeability (High Axle Gear) 9.30
4th Gear Gradeability (High Axle Gear) 5.26
5th Gear Gradeability (High Axle Gear) 1.62
6th Gear Gradeability (High Axle Gear) -1.62
1st Gear Gradeability (Low Axle Gear) 46.31
2nd Gear Gradeability (Low Axle Gear) 24.27
3rd Gear Gradeability (Low Axle Gear) 15.62

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 10.78
5th Gear Gradeability (Low Axle Gear) 7.14
6th Gear Gradeability (Low Axle Gear) 4.45
Geared Road Speed 84.85 MPH
Actual Loaded Speed N/A
Grade (%) 2.0
Maximum Speed Gradeability N/A
Torque Converter 1.764
Maximum Capacity @ 0° F 1500.00
% of Body on Front Axle 72.29
% of Body on Rear Axle 27.71
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) N/A
Actual Loaded Speed (Second Part, RPM)
Actual Loaded Speed (Third Part, Gear)
Road Type Concrete

Body Weight 0.0 lbs
Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 4533.00 lbs
Rear Total Load 2290.00 lbs

Weight Distribution
SPECIFICATION SUMMARY

Model # NY154
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 86.5 in
Cab to Body/Swing Clear (BOC) 7.7 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 6630 lbs
Rear GAWR 11020 lbs
GVWR 16000.00 lbs
CA: 86.5 in
BOC: 7.7 in
WB: 109.0 in
Fr%: 66.44
Front Wt: 4533.00 lbs
Rr%: 33.56
Rear Wt: 2290.00 lbs
GAWR/GVWR GVW Remaining Payload Wt
16000.00 lbs 6823.00 lbs 9,177.00 lbs

Weight Distribution
SPECIFICATION DETAILS

Front Axle Rear Axle Total
Actual
Chassis 4183.00 lbs 2290.00 lbs 6473.00 lbs
Body 0.00 lbs 0.00 lbs 0.0 lbs
Payload 0.00 lbs 0.00 lbs 0.00 lbs
Totals 4533.00 lbs 2290.00 lbs 6823.00 lbs
Capacity
Axle 6630 lbs 11020 lbs 17650.00 lbs
Suspension 8440 lbs 14308 lbs 22,748.00 lbs
Tire 6630 lbs 12460 lbs 19090.00
Total Axle Rating 6630.00 lbs 11020.00 lbs 17650.00 lbs

Selected Model and Options

MODEL
CODE MODEL
NY154 2016 Isuzu NPR XD DSL REG AT 109" WB WHITE CAB IBT AIR PWL

COLORS
CODE DESCRIPTION
729 Arc White

AXLE
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
005 Rear axle ratio, 4.77:1 (STD) 0.00 lbs 0.00 lbs

SEAT TRIM
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
34C Very Dark Pewter, Tricot cloth seat trim
(STD)
0.00 lbs 0.00 lbs

PRIMARY PAINT
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT

729 Arc White 0.00 lbs 0.00 lbs

REQUIRED OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

C60 Air conditioning 80.00 lbs 0.00 lbs

I3H DEF Fill Charge 0.00 lbs 0.00 lbs

ENGINE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover. (STD)

0.00 lbs 0.00 lbs

REAR TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I34 Rear tires, 225/70R19.5F (12 ply) LRR (low rolling resistance) tubeless steel belted radial, all season (STD)

0.00 lbs 0.00 lbs

FRONT TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I69 Front tires, 225/70R19.5F (12 ply) LRR (low rolling resistance) tubeless steel belted radial, all season (STD)

0.00 lbs 0.00 lbs

WHEELBASE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IA8 Wheelbase, 109" (276.9 cm) includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail. (STD)

0.00 lbs 0.00 lbs

TRANSMISSION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IR7 Transmission, automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539 (STD)

0.00 lbs 0.00 lbs

MODEL OPTION

CODE DESCRIPTION FRONT

WEIGHT**REAR****WEIGHT**

NY154 Custom/base model (SEO) -inc: in rail

fuel tank, pwr windows/door locks (REQ:

C60 Air Conditioning)

0.00 lbs 0.00 lbs

VEHICLE APPLICATION**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

EMISSIONS**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

PAINT SCHEME**CODE DESCRIPTION FRONT****WEIGHT****REAR****WEIGHT**

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 80.00 lbs 0.00 lbs

As Specified Curb Weight 4183.00 lbs 2290.00 lbs

Standard Equipment**Mechanical**

Truck Application

GVWR, 16000 lbs (7257 kg) capacity

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover.

Air Cleaner, Dry Paper single element (Donaldson brand). Air cleaner canister standard with air restriction gauge.

Alternator, 140 AMP with integral regulator

Battery, Dual 12-V maintenance free, 750 CCA each

Transmission, Automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539

Rear wheel drive

Front GAWR, 6630 lbs (3007 kg) capacity

Front Axle, Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes integral hydraulic power steering. Ratio 18.8-20.9:1

Front Suspension, 8840 lbs. (3828 kg) capacity. Semi-elliptical steel alloy tapered leaf springs. Includes shock absorbers and stabilizer bar.

Front Wheels, 19.5" x 6", 6-hole disc, painted white

Front Tires, 225/70R19.5F (12 ply) LRR (low rolling resistance) tubeless steel belted radial, all season

Rear GAWR, 11020 lbs (4999 kg) capacity

Rear Axle, R040, Full-floating single-speed, 11020 lbs. (4999 kg) capacity with oil lubricated rear wheel bearings

Rear Axle Ratio, 4.77:1

Rear Suspension, 14308 lbs. (6490 kg) capacity. Semi-elliptical main and auxiliary multi-leaf springs. Includes shock absorbers.

Rear Wheels, 19.5" x 6", 6-hole disc, painted white

Rear Tires, 225/70R19.5F (12 ply) LRR (low rolling resistance) tubeless steel belted radial, all season

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu. in. and RBM 316,800 lb-ft/in per rail.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail through the rail fuel fill. Fuel water separator with dash mounted warning light.

Brake System, Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard. 4 channel anti-lock brake system.

Exhaust Brake, vacuum operated

Mechanical

Exhaust System, Single horizontal with DPF (Diesel Particulate Filter)

Exterior

Paint Scheme, Solid

Cab Mounts, All steel low cab forward, BBC 70.7 in. 45 deg. mechanical tilt with torsion assist

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Entertainment

AM/FM/CD stereo radio

Interior

Multi-Information Display (MID) (monitors vital functions including diesel exhaust fluid levels (DEF), particulate matter emissions level in the diesel particulate filter (DPF), diesel particulate filter regeneration, service reminders for engine oil, transmission oil, differential oil, power steering fluid, engine oil filter, and fuel filters. The MID provides fuel economy reporting by average, instant, and trip.)

Isuzu Vehicle Health Report (Standard on all N-Series diesel trucks, exclusive to Isuzu, monitors the trucks performance, and driver behavior. Reports provide detailed information on engine operation, braking, emissions, fuel economy, acceleration & deceleration frequency, idling, and speed history. Ask your Isuzu dealer to provide you with an Isuzu Vehicle Health Report at your next service.)

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat

Floor mats

Tilt and telescoping steering column

Cruise control

Power windows & door locks

Safety-Mechanical

4 channel anti-lock brake system

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: Unlimited

Drivetrain Years: 3

Drivetrain Miles/km: Unlimited

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: Unlimited

Frame Rail Note: 3 Years to 5 Years/Unlimited Parts and Labor have a 50% charge

H-GAC Product Code: G5
NQR COE, SRA

2016 Isuzu NQR DSL REG AT (NR154) 109" WB WHITE CAB IBT AIR PWL

WEIGHT RATINGS

Front Gross Axle Weight Rating: 6830 lbs

Rear Gross Axle Weight Rating: 12980 lbs

Gross Vehicle Weight Rating: 17950.00 lbs

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code IR7

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 3.742

Second Gear Ratio (:1) 2.003

Third Gear Ratio (:1) 1.343

Fourth Gear Ratio (:1) 1.000

Fifth Gear Ratio (:1) 0.773

Sixth Gear Ratio (:1) 0.634

Reverse Ratio (:1) 3.539

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer Aisin A465

Transmission Type N/A

Engine

Engine Order Code I1B

Engine Type Diesel I-4

Displacement 5.19L/317

Powertrain

Engine

Fuel System Turbocharged DI

SAE Net Horsepower @ RPM 215 @ 2550

SAE Net Torque @ RPM 452 @ 1850

Engine Oil Cooler N/A

Governed Engine Speed (RPM) 2750

Engine Series 4HK1-TC

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) 750

Cold Cranking Amps @ 0° F (3rd) N/A

Maximum Alternator Capacity (amps) 140

Cooling System

Total Cooling System Capacity 19.0 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A

As Spec Curb Weight - Front 4212.00 lbs

As Spec Curb Weight - Rear 2357.00 lbs

Chassis

Weight Information

Trim Curb Weight 6489.00 lbs

Standard Weight - Front 0.00 lbs

Standard Weight - Rear 0.00 lbs

Base Trim Weight - Front 4132.00 lbs

Base Trim Weight - Rear 2357.00 lbs

Total Weight 6919.00 lbs
Gross Axle Wt Rating - Front 6830 lbs
Gross Axle Wt Rating - Rear 12980 lbs

Chassis

Weight Information

Curb Weight - Front 4132 lbs
Curb Weight - Rear 2357 lbs
Option Weight - Front 80.00 lbs
Option Weight - Rear 0.00 lbs
Reserve Axle Capacity - Front 2268.00 lbs
Reserve Axle Capacity - Rear 10623.00 lbs
As Spec'd Curb Weight 6569.00 lbs
As Spec'd Payload 11381.00 lbs
Gross Combined Wt Rating 23950 lbs
Cargo Weight 0.00 lbs
Gross Vehicle Weight 6919.00 lbs
Axle Weight 6919.00 lbs
Gross Axle Weight Rating 19810.00 lbs
Curb Weight 6489.00 lbs
Reserve Axle Capacity 12891.00 lbs
Total Option Weight 80.00 lbs
Payload Weight Front 0.00 lbs
Payload Weight Rear 0.00 lbs
Maximum Axle Rating Front 6830.00 lbs
Maximum Axle Rating Rear 12980.00 lbs
Maximum Axle Rating Total 19810.00 lbs
Gross Vehicle Weight Rating 17950.00 lbs
Front PayLoad 350.00 lbs
Rear Payload 0.00 lbs
Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder
Sect Modulus Rails Only 7.20 in³
Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs
Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf
Suspension Type - Rear Multi-Leaf
Spring Capacity - Front 8440 lbs
Spring Capacity - Rear 14550 lbs
Axle Type - Front Reverse I-Beam
Axle Type - Rear Full-Floating
Axle Capacity - Front 6830 lbs
Axle Capacity - Rear 14550 lbs
Axle Ratio (:1) - Front N/A
Axle Ratio (:1) - Rear 5.125
Shock Absorber Diameter - Front 42 mm
Shock Absorber Diameter - Rear 42 mm
Stabilizer Bar Diameter - Front 1.65 in
Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code I5H/I69
Rear Tire Order Code I5H/I34
Spare Tire Order Code N/A
Front Tire Size 225/70R19.5F
Rear Tire Size 225/70R19.5F
Spare Tire Size N/A
Front Tire Capacity 6900 lbs
Rear Tire Capacity 12980 lbs
Spare Tire Capacity N/A
Revolutions/Mile @ 45 mph - Front 643
Revolutions/Mile @ 45 mph - Rear 643

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A
Tire Rating Total 19880.00

Wheels

Front Wheel Size 19.5 x 6 in
Rear Wheel Size 19.5 x 6 in
Spare Wheel Size N/A
Front Wheel Material Steel
Rear Wheel Material Steel
Spare Wheel Material N/A
Front Bolt Pattern 6 Hole JIS 8.75"
Rear Bolt Pattern 6 Hole JIS 8.75"
Spare Bolt Pattern N/A

Steering

Steering Type Power
Steering Ratio (:1), On Center 18.8 - 20.9
Steering Ratio (:1), At Lock 18.8 - 20.9
Turning Diameter - Curb to Curb 32.8 ft
Turning Diameter - Wall to Wall 38.7 ft

Brakes

Brake Type Power
Brake ABS System 4-Wheel
Brake ABS System (Second Line) N/A
Disc - Front (Yes or) Yes
Disc - Rear (Yes or) N/A
Front Brake Rotor Diam x Thickness 14.3 x 0.51 in
Rear Brake Rotor Diam x Thickness N/A
Drum - Front (Yes or) N/A
Front Drum Diam x Width N/A

Chassis**Brakes**

Drum - Rear (Yes or) Yes
Rear Drum Diam x Width 12.6 x 4.72 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal
Aux Fuel Tank Capacity, Approx N/A
Fuel Tank Location In frame rail
Aux Fuel Tank Location N/A

Dimensions**Interior Dimensions**

Passenger Capacity 3
Front Head Room 38.4 in
Front Leg Room 29.5 in
Front Shoulder Room 70.7 in
Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in
Length, Overall w/o rear bumper 200.5 in
Width, Max w/o mirrors 81.3 in
Height, Overall 92.4 in
Overhang, Front 48.4 in
Overhang, Rear w/o bumper 43.1 in
Front Bumper to Back of Cab 70.7 in
Cab to Axle 88.5 in
Cab to End of Frame 129.6 in
Ground to Top of Load Floor N/A
Ground to Top of Frame 33.0 in
Frame Width, Rear 33.5 in
Ground Clearance, Front 8.3 in

Dimensions**Exterior Dimensions**

Ground Clearance, Rear 8.3 in
Body Length 0.0 ft
Cab to Body 7.7 in
Frontal Area 48.00 ft²

Medium Duty**Medium Duty Performance**

Front Axle % 65.93
Rear Axle % 34.07
Driver Weight 350.0 lbs
Front Ground Load 4562.00 lbs
Rear Ground Load 2357.00 lbs

1st gear High Speed (High Axle Gear) 13.38 MPH
2nd gear High Speed (High Axle Gear) 25.00 MPH
3rd gear High Speed (High Axle Gear) 37.28 MPH
4th gear High Speed (High Axle Gear) 50.07 MPH
5th gear High Speed (High Axle Gear) 64.77 MPH
6th gear High Speed (High Axle Gear) 78.98 MPH
1st gear Low Speed (High Axle Gear) 9.00 MPH
2nd gear Low Speed (High Axle Gear) 16.82 MPH
3rd gear Low Speed (High Axle Gear) 25.08 MPH
4th gear Low Speed (High Axle Gear) 33.68 MPH
5th gear Low Speed (High Axle Gear) 43.58 MPH
6th gear Low Speed (High Axle Gear) 53.13 MPH
1st gear High Speed (Low Axle Gear) N/A
2nd gear High Speed (Low Axle Gear) N/A
3rd gear High Speed (Low Axle Gear) N/A
4th gear High Speed (Low Axle Gear) N/A
5th gear High Speed (Low Axle Gear) N/A
6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A
2nd gear Low Speed (Low Axle Gear) N/A
3rd gear Low Speed (Low Axle Gear) N/A
4th gear Low Speed (Low Axle Gear) N/A
5th gear Low Speed (Low Axle Gear) N/A
6th gear Low Speed (Low Axle Gear) N/A
Reduction 33.83
Torque @ Clutch Engage 265 ft-lbs
Starting Grade Index 30.01
1st Gear Tractive Effort (High Axle Gear) 5796.69
2nd Gear Tractive Effort (High Axle Gear) 3102.83
3rd Gear Tractive Effort (High Axle Gear) 2080.43
4th Gear Tractive Effort (High Axle Gear) 1549.09
5th Gear Tractive Effort (High Axle Gear) 1197.45
6th Gear Tractive Effort (High Axle Gear) 982.12
1st Gear Tractive Effort (Low Axle Gear) N/A
2nd Gear Tractive Effort (Low Axle Gear) N/A
3rd Gear Tractive Effort (Low Axle Gear) N/A
4th Gear Tractive Effort (Low Axle Gear) N/A
5th Gear Tractive Effort (Low Axle Gear) N/A
6th Gear Tractive Effort (Low Axle Gear) N/A
1st Gear Gradeability (High Axle Gear) 29.55
2nd Gear Gradeability (High Axle Gear) 15.11
3rd Gear Gradeability (High Axle Gear) 9.15
4th Gear Gradeability (High Axle Gear) 5.47
5th Gear Gradeability (High Axle Gear) 2.30
6th Gear Gradeability (High Axle Gear) -0.43
1st Gear Gradeability (Low Axle Gear) 44.34
2nd Gear Gradeability (Low Axle Gear) 23.28
3rd Gear Gradeability (Low Axle Gear) 15.06

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 10.52
5th Gear Gradeability (Low Axle Gear) 7.17
6th Gear Gradeability (Low Axle Gear) 4.76
Geared Road Speed 78.98 MPH
Actual Loaded Speed N/A
Grade (%) 2.0
Maximum Speed Gradeability N/A
Torque Converter 1.764
Maximum Capacity @ 0° F 1500.00
% of Body on Front Axle 74.13
% of Body on Rear Axle 25.87
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) N/A
Actual Loaded Speed (Second Part, RPM)
Actual Loaded Speed (Third Part, Gear)
Road Type Concrete

Body Weight 0.0 lbs
Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 4562.00 lbs
Rear Total Load 2357.00 lbs

Weight Distribution
SPECIFICATION SUMMARY

Model # NR154
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 88.5 in
Cab to Body/Swing Clear (BOC) 7.7 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 6830 lbs
Rear GAWR 12980 lbs
GVWR 17950.00 lbs
CA: 88.5 in
BOC: 7.7 in
WB: 109.0 in
Fr%: 65.93
Front Wt: 4562.00 lbs
Rr%: 34.07
Rear Wt: 2357.00 lbs
GAWR/GVWR GVW Remaining Payload Wt
17950.00 lbs 6919.00 lbs 11,031.00 lbs

Weight Distribution
SPECIFICATION DETAILS

Front Axle Rear Axle Total
Actual
Chassis 4212.00 lbs 2357.00 lbs 6569.00 lbs
Body 0.00 lbs 0.00 lbs 0.0 lbs
Payload 0.00 lbs 0.00 lbs 0.00 lbs
Totals 4562.00 lbs 2357.00 lbs 6919.00 lbs
Capacity
Axle 6830 lbs 12980 lbs 19810.00 lbs
Suspension 8440 lbs 14550 lbs 22,990.00 lbs
Tire 6900 lbs 12980 lbs 19880.00
Total Axle Rating 6830.00 lbs 12980.00 lbs 19810.00 lbs

Selected Model and Options

MODEL
CODE MODEL
NR154 2016 Isuzu NQR DSL REG AT 109" WB WHITE CAB IBT AIR PWL

COLORS
CODE DESCRIPTION
729 Arc White

AXLE
CODE DESCRIPTION FRONT
WEIGHT
REAR
WEIGHT
098 Rear axle ratio, 5.125:1 (STD) 0.00 lbs 0.00 lbs

SEAT TRIM
CODE DESCRIPTION FRONT
WEIGHT
REAR
WEIGHT
34C Very Dark Pewter, Tricot cloth seat trim
(STD)
0.00 lbs 0.00 lbs

PRIMARY PAINT
CODE DESCRIPTION FRONT
WEIGHT
REAR
WEIGHT

729 Arc White 0.00 lbs 0.00 lbs

REQUIRED OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

C60 Air conditioning 80.00 lbs 0.00 lbs

I3H DEF Fill Charge 0.00 lbs 0.00 lbs

ENGINE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover. (STD)

0.00 lbs 0.00 lbs

REAR TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I34 Rear tires, 225/70R19.5F (12 ply) tubeless radial, all season tread (STD)

0.00 lbs 0.00 lbs

FRONT TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I69 Front tires, 225/70R19.5F (12 ply) tubeless radial, all season tread (STD)

0.00 lbs 0.00 lbs

WHEELBASE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IA8 Wheelbase, 109" (276.9 cm) includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail. (STD)

0.00 lbs 0.00 lbs

TRANSMISSION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IR7 Transmission, automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539 (STD)

0.00 lbs 0.00 lbs

MODEL OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

NR154 Custom/base model (SEO) -inc: in rail
fuel tank, pwr windows/door locks (REQ:
C60 Air Conditioning)
0.00 lbs 0.00 lbs

VEHICLE APPLICATION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

EMISSIONS

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

PAINT SCHEME

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 80.00 lbs 0.00 lbs

As Specified Curb Weight 4212.00 lbs 2357.00 lbs

Standard Equipment

Mechanical

Truck Application

GVWR, 17950 lbs (8142 kg) capacity

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 and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover.

Air Cleaner, Dry Paper single element. (Donaldson brand) Air cleaner canister standard with air restriction gauge.

Alternator, 140 AMP with integral regulator

Battery, Dual 12-V maintenance free, 750 CCA each

Transmission, Automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539

Rear wheel drive

Front GAWR, 6830 lbs (3098 kg) capacity

Front Axle, Reverse Elliot "I"-beam rated at 6830 lbs. (3098 kg). Includes integral hydraulic power steering. Ratio 18.8-20.9:1

Front Suspension, 8440 lbs. (3828 kg) capacity. Semi-elliptical tapered leaf springs. Includes shock absorbers and stabilizer bar.

Front Wheels, 19.5" x 6", 6-hole disc, painted white

Front Tires, 225/70R19.5F (12 ply) tubeless Radial, all season tread

Rear GAWR, 12980 lbs (5888 kg) capacity

Rear Axle, full-floating single-speed, 14,550 lbs. (6600 kg) capacity with oil lubricated rear wheel bearings

Rear Axle Ratio, 5.125:1

Rear Suspension, 14550 lbs. (6600 kg) capacity. Semi-elliptical main and auxiliary multi-leaf springs. Includes shock absorbers.

Rear Wheels, 19.5" x 6", 6-hole disc, painted white

Rear Tires, 225/70R19.5F (12 ply) tubeless Radial, all season tread

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted between frame rail through the rail fuel fill. Fuel water separator with dash mounted warning light.

Brake System, Dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution). Disc front and self-adjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard. 4 channel anti-lock brake system.

Exhaust Brake, Butterfly valve type

Mechanical

Exhaust System, Single horizontal with DPF (Diesel Particulate Filter)

Exterior

Paint Scheme, Solid

Cab Mounts, All steel low cab forward, BBC 70.7 in. (179.6 cm) 45 deg. mechanical tilt with torsion assist

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Entertainment

AM/FM/CD stereo radio

Interior

Multi-Information Display (MID) (monitors vital functions including diesel exhaust fluid levels (DEF), particulate matter emissions level in the diesel particulate filter (DPF), diesel particulate filter regeneration, service reminders for engine oil, transmission oil, differential oil, power steering fluid, engine oil filter, and fuel filters. The MID provides fuel economy reporting by average, instant, and trip.)

Isuzu Vehicle Health Report (Standard on all N-Series diesel trucks, exclusive to Isuzu, monitors the trucks performance, and driver behavior. Reports provide detailed information on engine operation, braking, emissions, fuel economy, acceleration & deceleration frequency, idling, and speed history. Ask your Isuzu dealer to provide you with an Isuzu Vehicle Health Report at your next service.)

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat

Floor mats

Tilt and telescoping steering column

Cruise control

Power windows & door locks

Safety-Mechanical

4 channel anti-lock brake system

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: Unlimited

Drivetrain Years: 3

Drivetrain Miles/km: Unlimited

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: Unlimited

Frame Rail Note: 3 Years to 5 Years/Unlimited Parts and Labor have a 50% charge

H-GAC Product Code: G6
NRR COE, SRA

2016 Isuzu NRR DSL REG AT (NU154) 109" WB WHITE CAB IBT AIR PWL

WEIGHT RATINGS

Front Gross Axle Weight Rating: 7275 lbs

Rear Gross Axle Weight Rating: 13660 lbs

Gross Vehicle Weight Rating: 19500.00 lbs

Technical Specifications

Powertrain

Transmission

Drivetrain Rear Wheel Drive

Trans Order Code IR7

Trans Type 6

Trans Description Cont. Automatic w/OD

Trans Description Cont. Again N/A

First Gear Ratio (:1) 3.742

Second Gear Ratio (:1) 2.003

Third Gear Ratio (:1) 1.343

Fourth Gear Ratio (:1) 1.000

Fifth Gear Ratio (:1) 0.773

Sixth Gear Ratio (:1) 0.634

Reverse Ratio (:1) 3.539

Clutch Size N/A

Trans Power Take Off N/A

Final Drive Axle Ratio (:1) N/A

Transfer Case Model N/A

Transfer Case Power Take Off N/A

Second Reverse Gear Ratio (:1) N/A

Third Reverse Gear Ratio (:1) N/A

Fourth Reverse Gear Ratio (:1) N/A

Fifth Reverse Gear Ratio (:1) N/A

Sixth Reverse Gear Ratio (:1) N/A

Transmission Manufacturer Aisin A465

Transmission Type N/A

Engine

Engine Order Code I1B

Engine Type Diesel I-4

Displacement 5.19L/317

Powertrain

Engine

Fuel System Turbocharged DI

SAE Net Horsepower @ RPM 215 @ 2550

SAE Net Torque @ RPM 452 @ 1850

Engine Oil Cooler N/A

Governed Engine Speed (RPM) 2750

Engine Series 4HK1-TC

Electrical

Cold Cranking Amps @ 0° F (Primary) 750

Cold Cranking Amps @ 0° F (2nd) 750

Cold Cranking Amps @ 0° F (3rd) N/A

Maximum Alternator Capacity (amps) 140

Cooling System

Total Cooling System Capacity 19.0 qts

Vehicle

Vehicle

Axle Ratio - Low Rear (:1) N/A

As Spec Curb Weight - Front 4225.00 lbs

As Spec Curb Weight - Rear 2480.00 lbs

Chassis

Weight Information

Trim Curb Weight 6625.00 lbs

Standard Weight - Front 0.00 lbs

Standard Weight - Rear 0.00 lbs

Base Trim Weight - Front 4145.00 lbs

Base Trim Weight - Rear 2480.00 lbs

Total Weight 7055.00 lbs
Gross Axle Wt Rating - Front 7275 lbs
Gross Axle Wt Rating - Rear 13660 lbs

Chassis

Weight Information

Curb Weight - Front 4145 lbs
Curb Weight - Rear 2480 lbs
Option Weight - Front 80.00 lbs
Option Weight - Rear 0.00 lbs
Reserve Axle Capacity - Front 2700.00 lbs
Reserve Axle Capacity - Rear 11180.00 lbs
As Spec'd Curb Weight 6705.00 lbs
As Spec'd Payload 12795.00 lbs
Gross Combined Wt Rating 25500 lbs
Cargo Weight 0.00 lbs
Gross Vehicle Weight 7055.00 lbs
Axle Weight 7055.00 lbs
Gross Axle Weight Rating 20935.00 lbs
Curb Weight 6625.00 lbs
Reserve Axle Capacity 13880.00 lbs
Total Option Weight 80.00 lbs
Payload Weight Front 0.00 lbs
Payload Weight Rear 0.00 lbs
Maximum Axle Rating Front 7275.00 lbs
Maximum Axle Rating Rear 13660.00 lbs
Maximum Axle Rating Total 20935.00 lbs
Gross Vehicle Weight Rating 19500.00 lbs
Front PayLoad 350.00 lbs
Rear Payload 0.00 lbs
Total Payload Weight (Cargo + Driver + Body) 350.00 lbs

Frame

Frame Type Ladder
Sect Modulus Rails Only 7.20 in³
Frame RBM 316800

Chassis

Frame

Frame Strength 44000 lbs
Frame Thickness 8.5 X 2.76 X 0.24 in

Suspension

Suspension Type - Front Tapered Leaf
Suspension Type - Rear Multi-Leaf
Spring Capacity - Front 8440 lbs
Spring Capacity - Rear 14550 lbs
Axle Type - Front Reverse I-Beam
Axle Type - Rear Full-Floating
Axle Capacity - Front 7275 lbs
Axle Capacity - Rear 14550 lbs
Axle Ratio (:1) - Front N/A
Axle Ratio (:1) - Rear 5.571
Shock Absorber Diameter - Front 42 mm
Shock Absorber Diameter - Rear 42 mm
Stabilizer Bar Diameter - Front 1.65 in
Stabilizer Bar Diameter - Rear N/A

Tires

Front Tire Order Code I5H/I69
Rear Tire Order Code I5H/I34
Spare Tire Order Code N/A
Front Tire Size 225/70R19.5F
Rear Tire Size 225/70R19.5F
Spare Tire Size N/A
Front Tire Capacity 7280 lbs
Rear Tire Capacity 13660 lbs
Spare Tire Capacity N/A
Revolutions/Mile @ 45 mph - Front 643
Revolutions/Mile @ 45 mph - Rear 643

Chassis

Tires

Revolutions/Mile @ 45 mph - Spare N/A
Tire Rating Total 20940.00

Wheels

Front Wheel Size 19.5 x 6 in
Rear Wheel Size 19.5 x 6 in
Spare Wheel Size N/A
Front Wheel Material Steel
Rear Wheel Material Steel
Spare Wheel Material N/A
Front Bolt Pattern 6 Hole JIS 8.75"
Rear Bolt Pattern 6 Hole JIS 8.75"
Spare Bolt Pattern N/A

Steering

Steering Type Power
Steering Ratio (:1), On Center 18.8 - 20.9
Steering Ratio (:1), At Lock 18.8 - 20.9
Turning Diameter - Curb to Curb 32.8 ft
Turning Diameter - Wall to Wall 38.7 ft

Brakes

Brake Type Power
Brake ABS System 4-Wheel
Brake ABS System (Second Line) N/A
Disc - Front (Yes or) Yes
Disc - Rear (Yes or) N/A
Front Brake Rotor Diam x Thickness 14.3 x -TBD- in
Rear Brake Rotor Diam x Thickness N/A
Drum - Front (Yes or) N/A
Front Drum Diam x Width N/A

Chassis

Brakes

Drum - Rear (Yes or) Yes
Rear Drum Diam x Width 14.6 x 5.91 in

Fuel Tank

Fuel Tank Capacity, Approx 30 gal
Aux Fuel Tank Capacity, Approx N/A
Fuel Tank Location In frame rail
Aux Fuel Tank Location N/A

Dimensions

Interior Dimensions

Passenger Capacity 3
Front Head Room 38.4 in
Front Leg Room 29.5 in
Front Shoulder Room 70.7 in
Front Hip Room 67.7 in

Exterior Dimensions

Wheelbase 109.0 in
Length, Overall w/o rear bumper 200.5 in
Width, Max w/o mirrors 81.3 in
Height, Overall 92.4 in
Overhang, Front 48.3 in
Overhang, Rear w/o bumper 43.1 in
Front Bumper to Back of Cab 70.7 in
Cab to Axle 88.5 in
Cab to End of Frame 129.6 in
Ground to Top of Load Floor N/A
Ground to Top of Frame 33.0 in
Frame Width, Rear 33.5 in
Ground Clearance, Front 8.3 in

Dimensions

Exterior Dimensions

Ground Clearance, Rear 8.3 in
Body Length 0.0 ft
Cab to Body 7.7 in
Frontal Area 48.00 ft²

Medium Duty

Medium Duty Performance

Front Axle % 64.85
Rear Axle % 35.15
Driver Weight 350.0 lbs
Front Ground Load 4575.00 lbs
Rear Ground Load 2480.00 lbs

1st gear High Speed (High Axle Gear) 12.31 MPH
2nd gear High Speed (High Axle Gear) 23.00 MPH
3rd gear High Speed (High Axle Gear) 34.30 MPH
4th gear High Speed (High Axle Gear) 46.06 MPH
5th gear High Speed (High Axle Gear) 59.59 MPH
6th gear High Speed (High Axle Gear) 72.65 MPH
1st gear Low Speed (High Axle Gear) 8.28 MPH
2nd gear Low Speed (High Axle Gear) 15.47 MPH
3rd gear Low Speed (High Axle Gear) 23.07 MPH
4th gear Low Speed (High Axle Gear) 30.99 MPH
5th gear Low Speed (High Axle Gear) 40.09 MPH
6th gear Low Speed (High Axle Gear) 48.88 MPH
1st gear High Speed (Low Axle Gear) N/A
2nd gear High Speed (Low Axle Gear) N/A
3rd gear High Speed (Low Axle Gear) N/A
4th gear High Speed (Low Axle Gear) N/A
5th gear High Speed (Low Axle Gear) N/A
6th gear High Speed (Low Axle Gear) N/A

Medium Duty

Medium Duty Performance

1st gear Low Speed (Low Axle Gear) N/A
2nd gear Low Speed (Low Axle Gear) N/A
3rd gear Low Speed (Low Axle Gear) N/A
4th gear Low Speed (Low Axle Gear) N/A
5th gear Low Speed (Low Axle Gear) N/A
6th gear Low Speed (Low Axle Gear) N/A
Reduction 36.77
Torque @ Clutch Engage 265 ft-lbs
Starting Grade Index 30.03
1st Gear Tractive Effort (High Axle Gear) 6301.15
2nd Gear Tractive Effort (High Axle Gear) 3372.85
3rd Gear Tractive Effort (High Axle Gear) 2261.48
4th Gear Tractive Effort (High Axle Gear) 1683.90
5th Gear Tractive Effort (High Axle Gear) 1301.65
6th Gear Tractive Effort (High Axle Gear) 1067.59
1st Gear Tractive Effort (Low Axle Gear) N/A
2nd Gear Tractive Effort (Low Axle Gear) N/A
3rd Gear Tractive Effort (Low Axle Gear) N/A
4th Gear Tractive Effort (Low Axle Gear) N/A
5th Gear Tractive Effort (Low Axle Gear) N/A
6th Gear Tractive Effort (Low Axle Gear) N/A
1st Gear Gradeability (High Axle Gear) 29.60
2nd Gear Gradeability (High Axle Gear) 15.24
3rd Gear Gradeability (High Axle Gear) 9.40
4th Gear Gradeability (High Axle Gear) 5.91
5th Gear Gradeability (High Axle Gear) 3.02
6th Gear Gradeability (High Axle Gear) 0.64
1st Gear Gradeability (Low Axle Gear) 44.39
2nd Gear Gradeability (Low Axle Gear) 23.35
3rd Gear Gradeability (Low Axle Gear) 15.18

Medium Duty

Medium Duty Performance

4th Gear Gradeability (Low Axle Gear) 10.73
5th Gear Gradeability (Low Axle Gear) 7.51
6th Gear Gradeability (Low Axle Gear) 5.25
Geared Road Speed 72.65 MPH
Actual Loaded Speed N/A
Grade (%) 2.0
Maximum Speed Gradeability N/A
Torque Converter 1.764
Maximum Capacity @ 0° F 1500.00
% of Body on Front Axle 74.13
% of Body on Rear Axle 25.87
Body Weight Front 0.00 lbs
Body Weight Rear 0.00 lbs
Actual Loaded Speed (First Part, MPH) N/A
Actual Loaded Speed (Second Part, RPM)
Actual Loaded Speed (Third Part, Gear)
Road Type Concrete

Body Weight 0.0 lbs
Driver Weight Front 350.00 lbs
Driver Weight Rear 0.00 lbs
Medium Duty Body Type None
Front Total Load 4575.00 lbs
Rear Total Load 2480.00 lbs

Weight Distribution
SPECIFICATION SUMMARY

Model # NU154
Truck/Tractor RQ2
Wheelbase (WB) 109.0 in
Cab to Axle (CA) 88.5 in
Cab to Body/Swing Clear (BOC) 7.7 in
Body Length 0.0 ft
Body Weight 0.0 lbs
Cargo Weight 0.00 lbs
Front GAWR 7275 lbs
Rear GAWR 13660 lbs
GVWR 19500.00 lbs
CA: 88.5 in
BOC: 7.7 in
WB: 109.0 in

Fr%: 64.85
Front Wt: 4575.00 lbs
Rr%: 35.15
Rear Wt: 2480.00 lbs
GAWR/GVWR GVW Remaining Payload Wt
19500.00 lbs 7055.00 lbs 12,445.00 lbs

Weight Distribution
SPECIFICATION DETAILS

Front Axle Rear Axle Total
Actual
Chassis 4225.00 lbs 2480.00 lbs 6705.00 lbs
Body 0.00 lbs 0.00 lbs 0.0 lbs
Payload 0.00 lbs 0.00 lbs 0.00 lbs
Totals 4575.00 lbs 2480.00 lbs 7055.00 lbs
Capacity
Axle 7275 lbs 13660 lbs 20935.00 lbs
Suspension 8440 lbs 14550 lbs 22,990.00 lbs
Tire 7280 lbs 13660 lbs 20940.00
Total Axle Rating 7275.00 lbs 13660.00 lbs 20935.00 lbs

Selected Model and Options

MODEL
CODE MODEL
NU154 2016 Isuzu NRR DSL REG AT 109" WB WHITE CAB IBT AIR PWL

COLORS
CODE DESCRIPTION
729 Arc White

AXLE
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
011 Rear axle ratio, 5.571:1 (STD) 0.00 lbs 0.00 lbs

SEAT TRIM
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT
34C Very Dark Pewter, Tricot cloth seat trim
(STD)
0.00 lbs 0.00 lbs

PRIMARY PAINT
CODE DESCRIPTION FRONT
WEIGHT

REAR
WEIGHT

729 Arc White 0.00 lbs 0.00 lbs

REQUIRED OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

C60 Air conditioning 80.00 lbs 0.00 lbs

I3H DEF Fill Charge 0.00 lbs 0.00 lbs

ENGINE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

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, turbo charged, inter-cooled, water cooled EGR valve, direct injection, electronically controlled common rail fuel system and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover. (STD)

0.00 lbs 0.00 lbs

REAR TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I34 Rear tires, 225/70R19.5F (12 ply) tubeless radial, all season tread (STD)

0.00 lbs 0.00 lbs

FRONT TIRES

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

I5H/I69 Front tires, 225/70R19.5F (12 ply) tubeless radial, all season tread (STD)

0.00 lbs 0.00 lbs

WHEELBASE

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IA8 Wheelbase, 109" (276.9 cm) includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail. (STD)

0.00 lbs 0.00 lbs

TRANSMISSION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

IR7 Transmission, automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539 (STD)

0.00 lbs 0.00 lbs

MODEL OPTION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

NU154 Custom/base model (SEO) -inc: in rail
fuel tank, pwr windows/door locks (REQ:
C60 Air Conditioning)
0.00 lbs 0.00 lbs

VEHICLE APPLICATION

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

RQ2 Truck application (STD) 0.00 lbs 0.00 lbs

EMISSIONS

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

YF5 50 State Emissions, including California 0.00 lbs 0.00 lbs

PAINT SCHEME

CODE DESCRIPTION FRONT

WEIGHT

REAR

WEIGHT

ZY1 Solid paint (STD) 0.00 lbs 0.00 lbs

Options Total 80.00 lbs 0.00 lbs

As Specified Curb Weight 4225.00 lbs 2480.00 lbs

Standard Equipment

Mechanical

Truck Application

GVWR, 19500 lbs (8845 kg) capacity

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, turbo charged, inter-cooled, water cooled EGR valve, direct injection, electronically controlled common rail fuel system and engine cruise control. Oil level check switch and light. Engine Warning system with audible warning for low oil pressure, high coolant temperature, and low coolant level. Rear engine cover.

Air Cleaner, 11 in. diameter Dry Paper single element. (Donaldson brand) Air cleaner canister standard with air restriction gauge. The air cleaner snorkel is incorporated into the back of the cab and incorporates a resonator.

Alternator, 140 AMP with integral regulator

Battery, Dual 12-V maintenance free, 750 CCA each

Transmission, Automatic, Aisin A465 6-speed. Ratios: 3.742, 2.003, 1.343, 1.000, 0.773, 0.634, Rev 3.539

Rear wheel drive

4.75-gallon cooling system

Front GAWR, 7275 lbs capacity

Front Axle, Reverse Elliot "I"-beam rated at 7,275 lbs. (3300 kg). Includes integral hydraulic power steering.

Ratio 18.8-20.9:1

Front Suspension, 8440 lbs. (3828 kg) capacity. Semi-elliptical steel alloy tapered leaf springs. Includes shock absorbers and stabilizer bar.

Front Wheels, 19.5" x 6", 6-hole disc, painted white

Front Tires, 225/70R19.5F (12 ply) tubeless Radial, all season tread

Rear GAWR, 13660 lbs (6196 kg) capacity

Rear Axle, Full-floating single-speed, 14550 lbs. (6600 kg) capacity with oil lubricated rear wheel bearings

Rear Axle Ratio, 5.571:1

Rear Suspension, 14550 lbs. (6600 kg) capacity. Semi-elliptical steel alloy multi-leaf springs. Includes shock absorbers.

Rear Wheels, 19.5" x 6", 6-hole disc, painted white

Rear Tires, 225/70R19.5F (12 ply) tubeless Radial, all season tread

Wheelbase, 109" (276.9 cm), includes ladder type channel frame. Full C section straight frame 33.5 inches (85.1 cm) wide. Yield strength 44,000 psi, section modulus 7.20 cu.in. and RBM 316,800 lb-ft/in per rail.

Fuel Tank, 30-gallon (113.6L) rectangular fuel tank. Mounted in frame rail behind rear axle. Fuel water separator with indicator light.

Brake System, Dual circuit, hydro-boost hydraulic with EBD (Electronic Brake Distribution). Disc front and selfadjust outboard mounted drum rear. Mechanical, transmission mounted parking brake. Non-asbestos semi metallic linings are standard. 4 channel anti-lock brake system.

Mechanical

Exhaust Brake, Butterfly valve type

Exhaust System, Single horizontal with DPF (Diesel Particulate Filter)

Exterior

Paint Scheme, Solid

Hexapod cab

Cab Mounts, All steel low cab forward, BBC 70.7 in. (179.6 cm) 45 deg. mechanical tilt with torsion assist

Daytime running lamps

Windows, Tinted glass

Mirrors, Dual cab mounted exterior with integral convex mirror

Windshield Wipers, Intermittent wet-arm

Interior

Multi-Information Display (MID) (monitors vital functions including diesel exhaust fluid levels (DEF), particulate matter emissions level in the diesel particulate filter (DPF), diesel particulate filter regeneration, service reminders for engine oil, transmission oil, differential oil, power steering fluid, engine oil filter, and fuel filters. The MID provides fuel economy reporting by average, instant, and trip.)

Isuzu Vehicle Health Report (Standard on all N-Series diesel trucks, exclusive to Isuzu, monitors the trucks performance, and driver behavior. Reports provide detailed information on engine operation, braking, emissions, fuel economy, acceleration & deceleration frequency, idling, and speed history. Ask your Isuzu dealer to provide you with an Isuzu Vehicle Health Report at your next service.)

AM/FM/CD stereo radio

Tricot cloth covered reclining highback driver seat with single two occupant fold down passenger seat

Floor mats

Tilt and telescoping steering column

Cruise control

Power windows & door locks

Overhead storage shelf

Safety-Mechanical

4 channel anti-lock brake system

Daytime running lamps

EBD (Electronic Brake Distribution)

WARRANTY

Basic Years: 3

Basic Miles/km: Unlimited

Drivetrain Years: 3

Drivetrain Miles/km: Unlimited

Corrosion Years: 4

Corrosion Miles/km: Unlimited

Frame Rail Years: 3

Frame Rail Miles/km: Unlimited

Frame Rail Note: 3 Years to 5 Years/Unlimited Parts and Labor have a 50% charge
