



SPECIFICATIONS

GENERAL INFORMATION

Assembly Plant	Sterling Heights Assembly Plant, Michigan
Layout	4WD - Longitudinal, front engine, transfer case
Construction	4WD - Ladder-type frame, steel cab, double-wall steel pickup box

DIMENSION

Cab		Quad	Crew
Overall Length	mm	5,814	5,916
Overall Width	mm	2,084	2,084
Wheelbase	mm	3,569	3,672
Track, Front	mm	1,741	1,741
Track, Rear	mm	1,729	1,729

CARGO BOX

SAE Volume	m ³	1.7	1.5
Length at floor	mm	1,937	1,711
Cargo Width	mm	1,687	1,687
Distance btw wheelhouses	mm	1,295	1,295
Depth	mm	545	543
Tailgate opening width	mm	1,525	1,525

STEERING

Steering wheel turns		3.1	3.1 (Rebel 3.4)
Turning diameter curb-to-curb			
18" Tire	m	14.10	14.08 (Rebel 14.10)
20" Tire	m	13.74	14.08 (Rebel 14.10)

INTERIOR

Volume - Front	m ³	1.8	1.8
Head Room	mm	1,038	1,038
Legroom	mm	1,040	1,040
Shoulder Room	mm	1,676	1,676
Hip Room	mm	1,610	1,610
Seat Travel	mm	220	220
Volume - Rear	m ³	1.5	1.9
Head Room	mm	995	1,011
Legroom	mm	903	1,147
Shoulder Room	mm	1,668	1,670
Hip Room	mm	1,610	1,611

GROUND CLEARANCE

Cab		Quad	Crew	Crew	Crew	Crew	Crew
Tire Size		275/55R20	275/55R20	275/55R20	275/55R20	275/55R20	275/55R20
Suspension Type		std	std	air susp.	air susp.	air susp.	air susp.
Air suspension mode		N/A	N/A	Entry/Exit	Ride	Off road 1	Off Road 2
Overall Height	mm	1,973	1,971	1,926	1,971	1,996	2,023
Open tailgate to the ground	mm	875	872	833	872	890	923
Approach angle	degrees	18.9	19.0	14.6	19.0	21.7	23.3
Departure angle	degrees	25.0	24.9	22.4	24.9	25.8	27.2
Ramp Breakover	degrees	19.9	19.5	16.2	19.5	21.4	23.0
Ground Clearance	mm	221	222	170	222	252	273
Ramp Breakover w/ skip plate	degrees	17.8	17.5	14.2	17.5	19.3	21.0
Ground Clearance w/ skip plate	mm	208	209	157	209	239	261



WEIGHTS

Cab		Quad	Quad	Crew	Crew
Box		6.4"	6.4"	5.7"	5.7"
Final Ratio		3.92 (std)	3.21 (opt)	3.92 (std)	3.21 (opt)
Gross Vehicle Mass	kg	3,500	3,500	3,500	3,500
Gross Trailer Mass	kg	3,500	3,500	3,500	3,500
Total Gross Train Mass	kg	7,710	6,310	7,710	6,310
Front Axle Rated Mass	kg	1,769	1,769	1,769	1,769
Rear Axle Rated Mass	kg	1,859	1,859	1,859	1,859
Payload	kg	1,164	1,164	1,096	1,096
Mass in running order - Total	kg	2,334	2,334	2,404	2,404
Mass in running order - Front	kg	1,357	1,357	1,398	1,398
Mass in running order - Rear	kg	977	977	1,006	1,006

ENGINE 5.7L Hemi V8 MDS

Type and Description		90-degree V-8, Liquid-cooled
Displacement	L	5.654
Bore x Stoke	mm	99.5 x 90.9
Valve System		Variable-cam timing, pushrod-operated overhead valves, 16 valves, hydraulic lifters with roller followers
Construction		Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio		10.5:1
Power		395 hp (291 kw) @ 5.600 rpm
Torque		556 Nm @ 3.950 rpm
Max Engine Speed		5.800 rpm
Fuel Type		Gasoline, 89 octane recommended
Oil capacity	L	6.6
Fuel Tank Capacity	L	87
Coolant Capacity	L	13.3
Emission controls		Three-way catalytic converters, heated oxygen sensors and internal engine features
Max Speed	km/h	170
Fuel Consumption - Urban	l/100km	18,1
Fuel Consumption - Highway	l/100km	9,6
Fuel Consumption - Combined	l/100km	12,8
CO2 Emission	g/km	298

TRANSMISSION

Model		Torqueflite 8H75
Description		Adaptive electronic control, automatic or ERS manual control. Five-clutch-pack design with only two open clutches in any gear. Torque converter lock with turbine torsional damper for low lock-up speeds in 1st through 8th gear
Gear Ratios		
1st		4.71
2nd		3.14
3rd		2.1
4th		1.67
5th		1.29
6th		1
7th		0.84
8th		0.67
Reverse		3.3
Final Axle		3.92 (opt 3.21 for heavy towing)

**TRANSFER CASE**

Model	BW 48-11 On-Demand
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	2WD High 4WD Auto 4WD High, Central differential Locked 4WD High, Central differential Neutral 4WD Low, Central differential Locked
Low Range Ratio	2.64
Center Differential Type	None

AXLES

Front	mm	215
Rear	mm	235
Final Ratios		std 3.92 (opt 3.21)

SUSPENSION

Front	Upper and lower A-arms, coil springs, twin-tube shock absorbers and stabilizer bar. Optional air suspension replaces twin-tube shock absorbers and progressive rate coil springs
Rear	Five-link with track bar, progressive rate coil springs, stabilizer bar, twin-tube shock absorbers, solid axle. Optional air suspension replaces progressive rate coil springs

BRAKES

Front	14.9 x 1.2 (378mm x 30mm) vented disc with 2.2 in. (57mm) Two-piston pin-
Rear	14.8 x 1.2 (375mm x 22mm) disc with 2.2 in. (57mm) single-piston pin-slider

AIRBAG

Quad Cab	6
Crew Cab	6