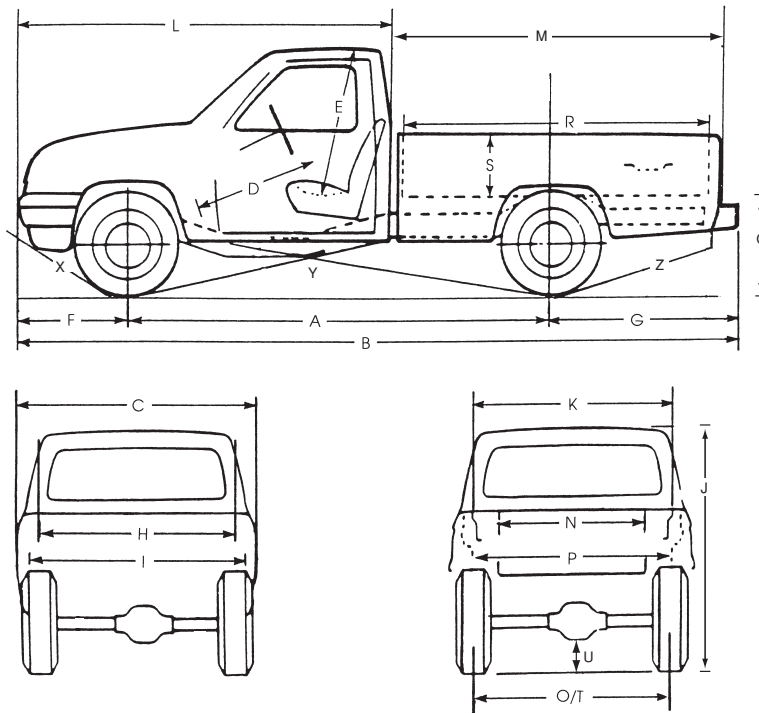


2008 Ranger

Dimensions



REGULAR CAB

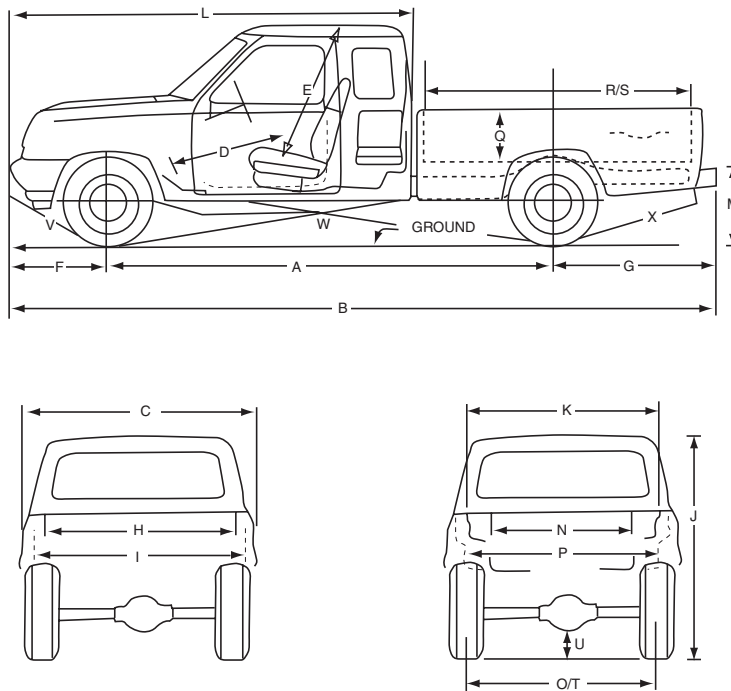
Model Code	Description	Styleside SWB 4x2/4x4(in.)	Styleside LWB 4x2/4x4(in.)
A	Wheelbase	111.5/111.6	117.5/117.6
B	Overall Length	189.4/188.9	200.5/201.4
C	Vehicle Width excluding mirrors	69.3/70.4	69.4/70.5
D	Leg Room	42.4	42.4
E	Head Room	39.2	39.7
F	Front Overhang	34.0/33.5	34.0/26.1
G	Rear Overhang	44.0/43.9	49.9/49.8
H	Shoulder Room	54.5	54.5
I	Hip Room	52.7	52.7
J	Overall Height (Empty)	66.2/67.4	66.2/67.3
K	Cargo Area/Pickup Box Opening Width at Floor	52.0	52.0
L	Front of Bumper to Back of Cab	107.6	107.6
M	Length at Top of Box	72.1	84.1
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.5	40.5
O	Front Track (Empty)	58.5	58.5
P	Cargo Area/Pickup Box Width at Floor (Maximum)	54.4	54.4
Q	Open Tailgate to Ground (Empty)	29.7/31.6	29.2/31.3
R	Cargo Area/Pickup Box Length at Floor	72.7	84.6
S	Cargo Area/Pickup Box Height	16.5/16.3	16.5/16.5
T	Rear Track (Empty)	57.3	57.3
U	Ground Clearance to Rear Axle (Empty)	7.9/8.0	7.9/8.0
X	Approach Angle (Empty)	23.5°/25.1°	24.3°/25.2°
Y	Ramp Breakover Angle (Empty)	24.4°/22.2°	24.5°/21.3°
Z	Departure Approach Angle (Empty)	24.6°/27.0°	21.2°/23.6°

2008 Ranger

Dimensions cont'd

RANGER

Ranger



SUPERCAB

Model Code	Description	Styleside 4x2/4x4 (in.)
A	Wheelbase	125.7/125.9
B	Overall Length	203.6
C	Vehicle Width excluding mirrors	69.4/71.3
D	Leg Room	42.4 (Front) 39.3/39.1 (Rear)
E	Head Room	39.2 (Front) 33.2 (Rear)
F	Front Overhang	34.0
G	Rear Overhang	44.0/43.8
H	Shoulder Room	54.5 (Front) 15.3/14.1 (Rear)
I	Hip Room	52.7 (Front) 19.4/18.7 (Rear)
J	Overall Height (Empty)	66.3/67.7
K	Cargo Area/Pickup Box Opening Width at Floor	52.0
L	Front of Bumper to Back of Cab	121.6
M	Open Tailgate to Ground (Empty)	29.5/31.9
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.5
O	Front Track (Empty)	58.5
P	Cargo Area/Pickup Box Width at Floor (Maximum)	54.4
Q	Cargo Area/Pickup Box Height	16.5
R	Cargo Area/Pickup Box Length at Floor	72.7
S	Cargo Area/Pickup Box Length at Top of Box	72.1
T	Rear Track (Empty)	57.3
U	Ground Clearance to Rear Axle	8.0/8.0
V	Approach Angle (Empty)	23.8°/24.9°
W	Ramp Breakover Angle (Empty)	23.3°/18.6°
X	Departure Angle (Empty)	24.3°/27.4°

2008 Ranger

Basic Specifications

Base Curb Weights – Regular Cab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/112	1757	1273	3030
4x2/118	1769	1300	3069
4x4/112	2050	1394	3444
4x4/118	2071	1427	3498

Base Curb Weights – SuperCab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/126	1836	1353	3189
4x4/126	2205	1463	3668

Cargo Volume – Regular Cab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.4
With 7-ft. Styleside box	43.6

Cargo Volume – SuperCab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.4

Fuel Tank Capacity – Regular Cab

Wheelbase	Availability	Location	Capacity (gallons)
112	Standard Tank	Midship	17.0
118	Standard Tank	Midship	20.0

Fuel Tank Capacity – SuperCab

Wheelbase	Availability	Location	Capacity (gallons)
126	Standard Tank	Midship	19.5

2008 Ranger

RANGER

Weight Ratings

Ranger

Ranger Styleside Pickup – GVWR/Payload/OPT & ARC/Spring & GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Available Trim Level	Engine/ Trans	Max. GVWR (lbs.)	Max. Payload (lbs.) ⁽¹⁾	OPT/ ARC Weight (lbs.) ⁽²⁾	Spring/GAWR (lbs.) ⁽³⁾		Base Curb Weight (lbs.)		
						Front Range Min.-Max.	Rear	Front	Rear	Total
Regular Cab 4x2 Styleside	XL, XLT	2.3L/Manual	4380	1260	598	2000-2400	2550	1757	1273	3030
112 with 6' Box	XL, XLT	2.3L/Manual	4700	1620 (#2)	898	2000-2400	2750	1757	1273	3030
	SPORT	3.0L/Manual	4540	1260	838	2510-2710	2750/2600	1941	1300	3241
	SPORT	3.0L/Manual	4840	1540 (#2)	—	2000-2400	2750	1313	1933	3246
Regular Cab 4x2 Styleside 118 with 7' Box	XL, XLT	2.3L/Manual	4420	1260	559	2000-2400	2550	1769	1300	3069
		2.3L/Manual	4720	1620 (#2)	899	2000-2400	2750	1769	1300	3069
Regular Cab 4x4 Styleside 112 with 6' Box	XL, XLT,	3.0L/Manual	4780	1260	536	2510-2710	2550	2050	1394	3444
	SPORT	3.0L/Manual	5000	1500 (#2)	756	2510-2710	2750	2050	1394	3444
Regular Cab 4x4 Styleside 118 with 7' Box	XL, XLT	3.0L/Manual	4840	1260	502	2510-2710	2550	2071	1427	3498
		3.0L/Manual	5040	1500 (#2)	700	2510-2710	2750	2071	1427	3498
SuperCab 4x2 Styleside 126 Without Jump Seats	XL, XLT	2.3L/Manual	4620	1260	659	2100-2500	2600	1836	1353	3189
	XL, XLT	3.0L/Manual	4900	1520 (#2)	959	2200-2500	2750	1965	1368	3333
	SPORT	3.0L/Manual	4860	1260	819	2510-2710	2600	2056	1487	3543
SuperCab 4x2 Styleside 126 With Jump Seats	XL, XLT	2.3L/Manual	4760	1260	639	2200-2600	2600	1836	1353	3189
	XL, XLT	3.0L/Manual	5040	1660 (#2)	799	2300-2600	2750	1968	1368	3339
	SPORT	3.0L/Manual	5000	1260	719	2510-2710	2600	2059	1487	3549
SuperCab 4x4 Styleside 126 Without Jump Seats	XL, XLT SPORT, FX4	4.0L/Manual	5000	1260	536	2510-2900/ 2510-2850	2600	2205	1463	3668
	XL, XLT SPORT, FX4	4.0L/Manual	5140	1440 (#2)	536	2510-2900/ 2510-2850	2750	2205	1463	3668
SuperCab 4x4 Styleside 126 With Jump Seats	XL, XLT SPORT, FX4	4.0L/Manual	5140	1260	438	2710-2900/ 2710/2850	2600	2205	1463	3668
	XL, XLT SPORT, FX4	4.0L/Manual	5280	1560 (#2)	558	2710-2900/ 2710-2850	2750	2205	1463	3668

- (1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
- (2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for models with standard equipment and the engine/transmission combination indicated.
- (3) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to the Payload Workbook section of the 2008 Appendices book for Add Weights for Optional Engine, Transmission and other optional equipment.

2008 Ranger

Standard Powertrain/Chassis Equipment Specifications

REGULAR CAB/SUPERCAB

DRIVE:		4x2	4x4
POWERTRAIN:		Refer to Dealer Ordering Guide for 50 States Usage	
Engine	— Type - 50 States	2.3L (140 CID) SEFI I-4	3.0L (182 CID) SEFI V-6
Transmission	— Type	Manual 5-Speed OD	
	— Low/High Gear Ratio	3.72:1/.79:1	
Transfer Case	— Electric Shift-on-the-fly	—	2-Spd Part Time 2.48:1; 1:1
Clutch		9" — Self-Adjusting	
AXLES:	— Front — Type	Twin-Forged Upper SLA Coil Springs IFS	
	— Front — Capacity (Rating @ ground)	Regular Cab 2400 lbs. (SPORT 2850 lbs.) SuperCab 2625 lbs. (SPORT 2850 lbs.)	2850 lbs.
	— Rear — Type	Semi-Floating, Ford	
	— Rear — Capacity (Rating @ ground)	2750 lbs.	2750 lbs.; FX4 3600 lbs.
BRAKES:		Includes Interlock System (Auto. Trans Only)	
Front Disc	— Type	Dual Piston, Floating-Caliper	
	— Size	11.28" Diameter	
Rear Drum	— Type	Self-Adjusting	
	— Size	Regular Cab 9" x 1.75" SuperCab 10" x 2.50"	Regular Cab 10" x 2.50" SuperCab 10" x 2.50"
Power Assist Unit	— Type	Dual-Diaphragm	
	— Effective Diameter	11.42"	
Anti-Lock System	— Type	4-Wheel ABS	
Parking Brakes	— Rear Brakes	Foot-Operated, Hand Release	
ELECTRICAL:			
Alternator	— Rating	110 Amperes, 1650 Watts (VR30)	115 Amperes, 1725 Watts (3GLF)
Battery	— Type	Maintenance-Free	
	— Rating	58 Amp-hr., 540 CCA (Battery Saver System Standard)	
FUEL TANK:	— Capacity (Midship)	17.0 gallon Regular Cab SWB (112")	
		20.0 gallon Regular Cab LWB (118")	
		19.5 gallon SuperCab (126")	
JACK:	— Capacity	1.5 Ton	
STEERING:	— Type / Ratio	Power, Ford XR-50/22.00:1	Power, Ford XR-50/21.50:1

Standard Powertrain/Chassis Equipment Specifications cont'd

REGULAR CAB/SUPERCAB cont'd

DRIVE:		4x2	4x4
SUSPENSION:			
Frame	— Type	Ladder Type W/Front Box Section, 36,000 psi Steel	
		Regular Cab	7 Crossmembers
		SuperCab	8 Crossmembers
	— Section Modulus	Regular Cab	2.6 cubic in.
		SuperCab	3.75 cubic in.
Springs, Front	— Type	Coil, Computer-Selected	
	Rating at Ground (min.)	Refer to page 33 for Usage and Ratings	
Torsion Bar, Front	Type	—	
	Rating at Ground (min.)	Refer to page 33 for Usage and Ratings	
Tow Hooks, Front		—	
Springs, Rear	— Type	Multi-leaf, Two-stage	
	Rating at Ground (min.)	Refer to page 33 for Usage and Ratings	
Shock Absorbers	— Frt/Rr (Gas-Type)	1.19"; 1.38" with Payload Pkg #2 ⁽¹⁾	1.38"
Front Stabilizer Bar	— Type	Std.	
Rear Stabilizer Bar	— Type	Std. ⁽²⁾	
TIRES:			
	— No./Type	Four Steel-Belted Radial	
	— Size	P225/70R15 A/S BSW; Space Saver Mini-Spare Tire P235/70R15 A/S BSW (SPORT)	P255/70R16 A/T OWL ⁽³⁾ P235/70R16 A/S Limited Service Spare
	— Spare Tire Carrier	Rear Under Frame, Crank Down Type	
WHEELS:			
	— No./Type	Four Steel 5-hole Disc ⁽⁴⁾	Four Aluminum 5-spoke ⁽⁴⁾
	Size	15" x 7.0" JJ(2)	16" x 7.0" JJ (3)

(1) SuperCab 1.19"/Regular Cab 1.38"

(2) Standard rear stabilizer bar on Regular Cab SPORT 4x2 only.

(3) P235/75R15 A/T OWL spare tire on Regular Cab 4x4.

(4) 15" x 7.0" Argent Steel spare wheel for XL. 15" 7-Spoke Silver Steel wheels with SPORT/XLT 4x2, 15" 7-Spoke Chrome Steel wheels on SPORT/XLT 4x4.

2008 Ranger

Technical Specifications

Axle

FRONT AXLE SPECIFICATIONS

Model/Series	Regular Cab 4x2	SuperCab 4x2	Regular Cab 4x4	SuperCab 4x4
Make/Type	Ford SLA (Short/Long Arm) Independent Front Suspension			
Max. Rating @ Ground (lbs.)	2400	2625	2850	2850
Upper Control Arm — Material	Forged Steel			
Lower Control Arm — Material	Stamped High Strength Steel			
Spring — Type	Coil, Computer Selected		Torsion Bar, Computer Selected	
Ball Joints	Lubed-for-Life			
Spindle — Material	Nodular Cast Iron Body with Forged Steel Stem			
Wheel Bearings — Type	Tapered Roller			

REAR AXLE SPECIFICATIONS

Model/Series	Regular Cab & SuperCab 4x2/4x4			
Make	Ford Standard and Limited Slip			
Max. Rating @ Ground (lbs.)	2750			
Type	Semi-Floating			
Drive	Hotchkiss			
Housing — Type	Cast Center			
— Cover Attachment	Bolted			
Section — Max. Tube Size (in.)	3.00			
Wall Thickness — Max. (in.)	.19			
Lubricant Capacity (pint)	5.0			
Spring Centers (in.)	38.8			
Wheel Bearings — Type	Straight Roller			
Gears — Type	Hypoid			
— Material	Alloy Steel			
Ratios Available (to 1)	3.55, 3.73, 4.10			
Ring Gear Pitch Diameter (in.)	7.5			
Pinion — Mounting	Overhung			
Differential — Type	2-Pinion			
— Bearings	Tapered Roller			
Axle Shaft — Minimum Diameter (in.)	1.18			
— Diameter over Splines (in.)	1.29			
— No. of Splines	28			

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT DISC

Type	Model/Series	Axle Usage (lbs.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Twin-Piston Dia. (in.) each	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Disc, New	All 4x2	2400/ 2625	11.28	7.09	Outboard	5.47/1.25/0.39	1.81	21.89	200.57
Disc, Used					Outboard	8.45/1.33/0.39	1.81	33.79	200.57
Disc, New	All 4x4	2850	11.28	7.09	Inboard	8.45/1.33/0.39	—	—	—
Disc, Used					Outboard	5.47/1.25/0.39	1.81	21.89	200.57
Disc, Used					Outboard	8.45/1.33/0.39	1.81	33.79	200.57
					Inboard	8.45/1.33/0.39	—	—	—

Technical Specifications cont'd

Brakes (Cont'd)

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — REAR DRUM — FOUR WHEEL ANTI-LOCK BRAKE SYSTEM

Type	Model/Series	Axle Usage (lbs.)	Brake Size (in.)	Lining Thickness (in.)		Wheel Cylinder Dia (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Axle (sq. in.)
				Primary	Secondary			
Drum	4x2 R/C ⁽¹⁾	2750	9.00 x 1.75	0.18	0.27	0.75	51.33	98.96
	4x4 R/C & S/C ⁽²⁾	2750	10.00 x 2.50	0.18	0.23	0.75	90.12	157.08

(1) With Std. Payload Pkg. only.

(2) With all 4x4 and R/C and S/C 4x2 with Payload Pkg. No. 2 or S/C SPORT only.

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Bore Dia. (in.)
Dual System, Dash-Mounted	1.062

POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Bosch 8" Tandem	11.42	9.64	Dual

Cooling System

COOLING SYSTEM SPECIFICATIONS

Engine	Cooling	Trans. Usage	Frontal Area. (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Capacity (approx. quarts)	Fan Specifications		
				Height	Width	Thick				Type	Blades	Blade Dia. (in.)
2.3L (140) SEFI I-4	Std. (w/o A/C)	Manual	430	21.50	20.01	1.02	1	12.7	6.5	Plastic	7	15.75
	Std. (A/C)	Manual	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	8	17.00
	Std. (w/o A/C)	Auto	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	7	15.75
	Std. (A/C)	Auto	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	8	17.00
3.0L (182) SEFI V-6	Std.	Manual	492	23.68	20.79	1.02	1	12.7	7.2	Plastic	12	18.00
	Std.	Auto	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	12	18.00
4.0L (245) SEFI V-6	Std.	Manual	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	11	18.00
	Std.	Auto	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	11	18.00

Fuel System

FUEL SYSTEM SPECIFICATIONS

Electronic Fuel Injection	2.3L	3.0L/4.0L
Injectors	Four Port-Mounted Sequential Injectors	Six Port-Mounted Sequential Injectors
Fuel Pump — In-Tank	Single Electric — In-Tank High Pressure	Single Electric — In-Tank High Pressure
Fuel Filter	In-Line Large Capacity (One)	In-Line Large Capacity (One)
Air Cleaner	Dry Element, Replaceable	Dry Element, Replaceable

2008 Ranger

Technical Specifications cont'd

Steering

STEERING SPECIFICATIONS

Model	Wheelbase (in.)	Power Steering		Turning Diameter (ft.)	
		Rack Travel	Overall Ratio ⁽¹⁾	Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	112	1.51 in./rev.	22.0:1	37.74	39.73
	118	1.51 in./rev.	22.0:1	39.80	42.28
Regular Cab 4x4	112	1.51 in./rev.	21.5:1	39.11	40.76
	118	1.51 in./rev.	21.5:1	41.17	43.31
SuperCab 4x2	126	1.74 in./rev.	19.2:1	42.73	44.58
SuperCab 4x4	126	1.74 in./rev.	18.7:1	43.04	45.18

(1) Overall Ratio on Center at Design Load.

Suspension

FRAME SPECIFICATIONS

Model	Wheelbase (in.)	Maximum Side Rail Section (in.)	Section Modulus (in.)	Yield Strength (psi)
4x2 Regular Cab	112,118	6.54 x 2.89 x 0.130	2.62	36,000
4x2 SuperCab	126	7.64 x 2.55 x 0.160	3.75	36,000
4x4 Regular Cab	112,118	6.54 x 2.89 x 0.130	2.62	36,000
4x4 SuperCab	126	7.64 x 2.55 x 0.160	3.75	36,000

SHOCK ABSORBER SPECIFICATIONS

Model	Wheelbase (in.)	Usage	Front			Rear		
			No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
SuperCab 4x2	All	Std.	2	1.19	Gas pressurized	2	1.19	Gas pressurized
Regular Cab, SuperCab 4x2 ⁽¹⁾	All	Std./HD	2	1.38	Gas pressurized	2	1.38	Gas pressurized
Regular Cab 4x4	112, 118	Std.	2	1.38	Gas pressurized	2	1.38	Gas pressurized
SuperCab 4x4	126	Std.	2	1.38	Gas pressurized	2	1.38	Gas pressurized

(1) Included with optional Payload Package 2 on S/C.

SPRING SPECIFICATIONS — 4x2 FRONT COIL

Model	Wheelbase (in.)	Combined Rating @ Ground (lbs.)	Normal Height of Spring (in./design)	Inside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Wheel (lb/in. each)
4x2 ⁽¹⁾	All	2000	12.12	4.0	0.742	269
		2100	12.12	4.0	0.742	269
		2200	12.12	4.0	0.742	269
		2300	12.12	4.0	0.742	269
		2400	12.12	4.0	0.753	286
		2500	12.12	4.0	0.768	303
		2600	12.12	4.0	0.768	303

(1) See chart below for SPORT S/C 4x2 torsion bar specifications.

SPRING SPECIFICATIONS — 4x2 SPORT/4x4 FRONT TORSION BARS

Model	Wheelbase (in.)/ Payload Pkg. No.	Combined Rating @ Ground (lbs.)	Diameter (in.)	Active Length @ Normal Load (in.) R.H. & L.H.	Deflection Rate @ Wheel (lbs. per in. ea.)	Bar Rate (in.-lbs./degree) R.H. & L.H.
4x4 & Sport S/C 4x2	All	2510	1.03	40.19	200	1130
		2710	1.06	40.27	215	1230
		2900	1.09	40.35	235	1325

2008 Ranger

Technical Specifications cont'd

RANGER

Ranger

Suspension cont'd

SPRING SPECIFICATIONS — REAR LEAF

Model	WB (in.)	GVWR	Payload Package No.	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rate @ wheel (lbs./in.each)	Rating Each @ Pad (lbs./spring)
Regular Cab 4x2	112	4380	1	2550	4	1.51	56.5	2.50	124/243	1125
	112	4700	2	2750	4	1.70	56.5	2.50	138/315	1225
SPORT	112	4510	1	2600	4	1.70	56.5	2.50	138/315	1225
	118	4420	1	2550	4	1.51	56.5	2.50	124/243	1125
	118	4720	2	2750	4	1.70	56.5	2.50	138/315	1225
	112	4780	1	2550	4	1.70	56.5	2.50	138/315	1125
Regular Cab 4x4	112	5000	2	2750	4	1.70	56.5	2.50	138/315	1225
	118	4840	1	2550	4	1.70	56.5	2.50	138/315	1125
	118	5040	2	2750	4	1.70	56.5	2.50	138/315	1225
	126	4620/4760	1	2600	4	1.69	56.5	2.50	135/257	1150
SuperCab 4x2	126	4900/5040	2	2750	4	1.70	56.5	2.50	138/315	1225
	SPORT	126	4860/5000	1	2600	4	1.69	56.5	2.50	135/257
SuperCab 4x4	126	5000/5140	1	2600	4	1.69	56.5	2.50	135/257	1150
	126	5140/5280	2	2750	4	1.70	56.5	2.50	138/315	1225

Tires and Wheels

TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)	Load Rating	Maximum Inflation Pressure (psi)	Load Limits @ Maximum Inflation Pressure (lbs.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
P225/70R15 SL	6.0	9.30	Std.	35 (30-30)*	1594	12.23	765
P235/75R15 SL	7.0	9.98	Std.	35 (30-35)*	1843	13.02	717
P235/70R16 SL	7.0	9.5	Std.	35 (30-35)*	1984	13.2	718
P255/70R16 SL	7.0	9.78	Std.	35 (30-35)*	2064	13.61	683

* (front-rear inflation)

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (in./mm)	Number of Studs	Bolt Circle (in.)	Max. Wheel Capacity Load (lbs. @ ground)
7-Spoke Silver Styled Steel	15" x 7.0" J	0.5/12	5	4.5	1600
7-Spoke Chrome Styled Steel	15" x 7.0" J	0.5/12	5	4.5	1600
Twin-Spoke Machined Aluminum	15" x 7.0" J	0.5/12	5	4.5	1600
5-Spoke Silver Painted Aluminum (Thumbprint)	16" x 7.0" J	0.5/12	5	4.5	1600
5-Spoke Dk Shadow Grey Painted Aluminum (Thumbprint)	16" x 7.0" J	0.5/12	5	4.5	1600

2008 Ranger

Technical Specifications cont'd

Transfer Case

TRANSFER CASE SPECIFICATIONS

Make and Model	Warner 1354
Type	2-Speed Planetary Gears
Lubricant Capacity (pt.)	2.54
Gear Ratio — High	Direct 1:00:1
Gear Ratio — Low	Direct 2.48:1
Case Material	Aluminum

Transmission

MANUAL TRANSMISSION SPECIFICATIONS

Make/Type	Mazda (5-Speed Overdrive) (2.3L/3.0L)	Mazda R1HD (5-Speed Overdrive) (4.0L)
Ratios (to 1):		
1st	3.72	3.40
2nd	2.20	2.05
3rd	1.50	1.31
4th	1.00	1.00
5th (OD)	0.79	0.79
Reverse	3.40	3.40
Lubricant Capacity (pt.)	5.6	5.6
Synchronizers	— Gears	1,2,3,4,5
Gears: Material	Carburized Steel	Carburized Steel
Type	— Helical	1st, 2nd, 3rd, 4th, 5th & Reverse
Bearings:		
Mainshaft	— Front	Single Row Taper
	— Center	Single Row Taper
	— Rear	Single Row Ball
Countershaft Gear	— Front	Single Row Roller
	— Center	Single Row Roller
	— Rear	Single Row Ball
Reverse Idler Gear	— Type	Single Row Roller

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 5-Speed Automatic Overdrive (5R44-E) (2.3L/3.0L)	Ford 5-Speed Automatic Overdrive (5R55-E) (4.0L)
Ratios (to 1):		
1st	2.47	2.47
2nd	1.85	1.85
3rd	1.47	1.47
4th (OD) or 4th	1.00	1.00
5th (OD)	0.75	0.75
Reverse	2.10	2.10
Converter	1.80	1.80
Lubricant capacity (pt.)	20	20
Helical gears	All	All
Oil cooler	Oil to Water	Oil to Water
Auxiliary Cooler - 14 oz. ⁽¹⁾	Oil to Air	Oil to Air

(1) Additional Transmission Fluid required if vehicle is equipped with Auxiliary Transmission Oil Cooler.

Technical Specifications cont'd

Clutch Specifications

Engine	2.3L (153) SEFI I-4	3.0L (182) SEFI V-6	4.0L (245) SOHC SEFI V-6
Hydraulic Pressure Plate Dia. (in.) (approx.)	11	11	11.6
Disc Type	Segmented		
Lining Material	Woven Non-Asbestos		
Outside Diameter (in.) (approx.)	9	9	10
Inside Diameter (in.)	5.9	5.9	6.75
Facing Area (sq. in.)	68	68	84
Wear Capacity (thickness) (in.)	0.11	0.11	0.16
Pressure Plate, Type	Self-adjusting		
Release Load (lbs.)	339	339	378
Release Bearing	Sealed Bearing Integral to Slave Cylinder		



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