

Wrangler 3.6L Buyers Guide

December 2024



Jeep[®]

NIGHT EAGLE

Engine

3.6 Pentastar V6 with ESS
209kW 347Nm

Transmission

8-Speed Automatic
Four Wheel Drive

4x4 System

Selec-Trac® Active On-Demand 4x4

Body Style(s)

4-Door

Features (in addition, or replacing Sport S):

- Gloss Black Exterior Accents and Badging
- 17" Black Painted Aluminium Wheels
- Dark Interior Accents
- Uconnect 8.4" Touchscreen with Satellite Navigation
- Apple Carplay ⁽²⁾⁽⁴⁾ & Android Auto ⁽³⁾⁽⁴⁾
- 9-Speaker Alpine Premium Audio System with Subwoofer
- 7.0" Driver Information Display
- LED Lighting Group (Headlights, Taillights, DRLs, Fog Lamps)
- Push-Button Start and Remote Proximity
- Keyless Entry
- Forward Collision Warning Plus
- Adaptive Cruise Control with Stop
- Blind Spot Monitor and Rear Cross Path Detection
- Rearview Camera & Front/Rear Parking Sensors
- Deep Tint Sunscreen Windows
- Remote Start System
- Security Alarm
- Hard Top Headliner

OVERLAND

Engine

3.6 Pentastar V6 with ESS
209kW 347Nm

Transmission

8-Speed Automatic
Four Wheel Drive

4x4 System

Selec-Trac® Active On-Demand 4x4

Body Style(s)

4-Door

Features (in addition to, or replacing Night Eagle):

- Black McKinley Leather Trimmed Seats with Overland Logo
- Heated Front Seats/Steering Wheel & Parking Brake Handle
- Leather-Wrapped Shift Knob
- Body-Colour Three-Piece Removable Hard Top
- Body-Colour Fender Flares
- Bright Chrome Mirror and Grille Accents
- Hard Spare Tyre Cover
- 18" Tech Grey Aluminium Wheels
- 230V Power Outlet

RUBICON

Engine

3.6 Pentastar V6 with ESS
209kW 347Nm

Transmission

8-Speed Automatic
Four Wheel Drive

4x4 System

Rock-Trac Active On-Demand 4x4

Body Style(s)

2-Door/4-Door

Features (in addition to, or replacing Night Eagle):

- Rock-Trac® Active On-Demand 4x4 System [4:1 Transfer Case]
- 77.2:1 Crawl Ratio
- Tru-Lok® Front & Rear Locking Differentials
- Electronic Front Sway Bar Disconnect
- Heavy Duty Front and Rear Dana axles
- Heavy Duty Rock Slider
- 32" BFGoodrich Off-Road Tyres
- 17" 7-Inch Machined Black Painted Wheels
- Programmable Auxiliary Switch Bank
- Grey Exterior Accents and Badging
- Off-Road + Mode
- Black Leather Trimmed Bucket Seats
- Leather-Wrapped Shift Knob & Parking Brake Handle
- Heated Front Seats/Steering Wheel



Wrangler

SPECIFICATIONS

Capability & Performance	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Selec-Trac® Active On-Demand 4x4 System	DHP	●	●	-	-
Rock-Trac® Active On-Demand 4X4 System	DHF	-	-	●	●
2-Speed Transfer Case	-	●	●	●	●
Tru-Lok® Front & Rear Locking Differentials	DSE	-	-	●	●
Off-Road+ Mode	XG7	-	-	●	●
Rear Stabiliser Bar	SHF	●	●	●	●
Electronic Front Stabiliser Bar Disconnect	SHG	-	-	●	●
Dana M186 Front Axle	DJD	●	●	-	-
Dana M210 Front Axle	DJE	-	-	●	●
Dana M200 Rear Axle	DRZ	●	●	-	-
Dana M220 Rear Axle	DRE	-	-	●	●
3.45 Overall Top Gear Ratio	DLK	●	●	-	-
Rear Axle Ratio 4.10	DMF	-	-	●	●
Auxilliary Switches (x4)	LH2	-	-	●	●
240A Alternator	BAL	-	-	●	●
700A Maintenance Battery	BCV	-	-	●	●
Skid Plate - Fuel Tank	XEE	●	●	●	●
Skid Plate - Transfer Case	XEF	●	●	●	●
Skid Plate - Transmission	XE9	●	●	●	●
Black Front Bumper	MBA	●	●	●	●
Steel Front Bumper	MC6	-	-	O	O
Heavy Duty Suspension With Gas Shocks	SDU	●	●	●	●
Matching Spare Alloy Wheel	WKB	●	●	●	●
Wash-Out interior with Drain Plugs	-	●	●	●	●

Safety, Security & Driver Assistance	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Electronic Stability Control	BNB	●	●	●	●
Hill Start Assist	BNG	●	●	●	●
Selec-Speed Control	BNK	●	●	●	●
Traction Control	BNM	●	●	●	●
Electronic Roll Mitigation	BNS	●	●	●	●
Trailer Sway Control	BNT	●	●	●	●
Heavy Duty 4-Wheel Disk Brakes with ABS	BR2	●	●	●	●
Sport Bar	CLM	●	●	●	●
Remote Proximity Keyless Entry	GXD	●	●	●	●
Sentry Key Theft Deterrent System	GXX	●	●	●	●

Safety, Security & Driver Assistance (Continued)	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Security Alarm	LSB	●	●	●	●
4 Airbags (2 Front, 2 Side Seat)	-	●	●	●	●
Parkview Reverse Parking Camera	XAC	●	●	●	●
Forward Facing TrailCam	XNY	-	-	O	O
ParkSense Rear Park Assist System	XAA	●	●	●	●
ParkSense Front Park Assist System	XHU	●	●	●	●
Cruise Control	NHM	●	●	●	●
Adaptive Cruise Control with Stop (late availability)	NH3	●	●	●	●
Full Speed Forward Collision Warning Plus (late availability)	LSU	●	●	●	●
Blind Spot Monitoring	XAN	●	●	●	●
Rear Cross Path Detection	-	●	●	●	●
Tyre Pressure Monitoring Display	XGM	●	●	●	●

Audio & Connectivity	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
"8.4" Uconnect 4 Touch Screen with Navigation Satellite Navigation Bluetooth Phone & Audio AM/FM/DAB+ Radio Apple Car Play Android Auto"	UJQ	●	●	●	●
7.0" Multi-View Driver Information Display	JAJ	●	●	●	●
9-Speaker Alpine Premium Audio system including subwoofer	RC4	●	●	●	●
Steering Wheel Mounted Audio Controls	RDZ	●	●	●	●
Media Hub (USB, AUX)	RSF	●	●	●	●
Remote USB Port	RSX	●	●	●	●

Standard (●) Option (○) Not Offered (-)

Wrangler

SPECIFICATIONS

Comfort & Convenience	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Automatic Headlamps	LMG	•	•	•	•
Automatic Headlamp Leveling System	JKJ	•	•	•	•
Rear View Auto Dim Mirror	GNK	•	•	•	•
Remote Start System	XBM	•	•	•	•
Speed Limiting Device	NH2	•	•	•	•
Air Conditioning with Automatic Temperature Control	HAB	•	•	•	•
Speed-Sensitive Power Locks	JPH	•	•	•	•
Power Adjustable, Heated Mirrors	GTB	•	•	•	•
Power Windows	JPY	•	•	•	•
12V Auxiliary Power Outlet	JJJ	•	•	•	•
12V Auxiliary Power Outlet - Rear	JJM	•	•	•	•
230V Power Outlet	JKU	-	•	•	•
Tilt/Telescope Steering Column	SUD	•	•	•	•
Torx Tool Kit	XE4	•	•	•	•
Freedom Panel Storage Bag	CS2	•	•	•	•
Rear Window Defroster	GFA	•	•	•	•

Exterior	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Alloy Wheels - 17-inch	-	•	-	•	•
Alloy Wheels - 18-inch	-	-	•	-	-
Heavy Duty Rock Slider	MMU	-	-	•	•
MOPAR Black Tube Steps	MRU	•	•	-	-
Grille - Body Colour/Black	MFK	•	-	-	-
Grille - Bright	MFZ	-	•	-	-
Grille - Body Colour/Accent Colour	MF4	-	-	•	•
Fender Flares - Black	MM2	•	-	•	•
Fender Flares - Body Colour	MM3	-	•	O	O
Exterior Accents - Gloss Black	-	•	-	-	-
Hard Top - Removable, Black 3-Piece	HT1	•	-	•	•
Hard Top - Removable, Body Colour 3-Piece	HT3	-	•	O	O
Sky-One-Touch Power Top	STJ	-	-	-	O
Deep Tint Sunscreen Windows #	GCD	•	•	•	•
Removable Full Metal Doors	GCF	•	•	•	•
Fold Down Windscreen	-	•	•	•	•
Tinted Windshield Glass	GBB	•	•	•	•

Exterior (Continued)	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Front Door Tinted Glass	GCB	•	•	•	•
Exterior Mirrors - Black	LE4	•	-	•	•
Exterior Mirrors - Bright	MMW	-	•	-	-
Exterior Mirrors with Supplemental Signals	LEB	•	•	•	•
Exterior Mirrors - Power Heated	GTB	•	•	•	•
Headlamps - LED	LPX	•	•	•	•
Fog Lamps - LED	LVN	•	•	•	•
Tail Lamps - LED	LAY	•	•	•	•
Daytime Running Lamp System - LED	LPY	•	•	•	•
Tailgate Mounted Full Size Tyre Carrier	TBR	•	•	•	•
Spare Tyre Cover	CSA	•	-	•	•
Black Hard Spare Tyre Cover (*)	CSB	-	•	-	-
Rubicon Hood Decal	MYA	-	-	•	•
Vented Hood	-	•	•	•	•
Trail Rated Badge - Left, Front Fender	MT2	-	•	-	-
Black Trail Rated Badge - Left, Front Fender	MGD	•	-	-	-
Red Trail Rated Badge - Left, Front Fender	MTB	-	-	•	•
Fixed Long Mast Antenna - Right, Front Fender	RDD	•	•	•	•
Black Fuel Filler Door	XJN	-	•	•	•
Rear Window Wiper	JHB	•	•	•	•

Interior	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Seat - Cloth Bucket	*A7	•	-	-	-
Seat - McKinley Leather with Overland Logo	*ML	-	•	-	-
Seat - Rubicon Leather Trimmed Bucket	*AL	-	-	•	•
Seat - Heated Front	JPM	-	•	•	•
Rear Seat - Folding	CFM	-	-	•	-
Rear Seat - 60/40 Split Folding	CFN	•	•	-	•
Silver Platinum I/P Bezels	JET	-	-	O	O
Dark I/P Bezel	JES	•	-	-	-
Red-Ical I/P Bezels	JEL	-	-	O	O
Premium Wrapped I/P Bezels	JEK	-	•	-	-

Standard (•) Option (◦) Not Offered (-)

(*) Bright White & Billet Silver have Body Colour Hard Spare Tyre Covers.

(#) Deep Tint Windows applies to rear passenger and rear cargo windows only. Driver and front passenger windows and windscreen are not tinted.

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Interior (Continued)	Code	Night Eagle 4-Door	Overland 4-Door	Rubicon 2-Door	Rubicon 4-Door
Dark Interior Accents	XS4	●	-	-	-
Bright Interior Accents	XSC	-	●	●	●
Floor Mats - Front	CLC	-	-	●	-
Floor Mats - Front & Rear	CLE	●	●	-	-
Cargo Mat - Boot	CKL	●	●	●	●
All-Weather Floor Mats	CWA	-	-	●	●
Steering Wheel - Leather Wrapped	SCV	●	●	●	●
Steering Wheel - Heated	NHS	-	●	●	●
Urethane Shift Knob	CV3	●	-	-	-
Leather-Wrapped Shift Knob	CVW	-	●	●	●
Leather-Wrapped Parking Brake Handle	CVP	-	●	●	●
Premium Door Trim Panel	CBF	-	●	●	●
Front Seat Back Map Pockets	CSM	●	●	●	●
Sliding Sun Visors w/Mirrors	GNU	●	-	-	-
Sun Visors w/Illuminated Vanity Mirrors	GNC	-	●	●	●
Passenger Assist Handles	CSR	●	●	●	●
LED Interior Lighting	LHA	-	●	●	●
Hard Top Headliner	CHD	●	●	●	●
Cargo Area Tie Down Loops	CKT	●	●	●	●

Standard (●) Option (○) Not Offered (-)



WK3 - 17-Inch Painted
Aluminium Wheels
(Standard on Night Eagle)



WGB - 18-Inch Tech Gray
Diamond Cut Wheels
(Standard on Overland)



WGQ- 17-Inch Machined
Black Painted Wheels



WGM - 17-Inch Polished
Wheels with Black Pockets
(Option on Rubicon - P/w
Trail ready package)

SPECIFICATIONS & WHEELS

Wrangler

Group / Option	Code	Comments	Overland 4-Door	Rubicon 2-Door / 4-Door
Trail-Ready Package Integrated Off-Road Camera 17-inch Black Aluminum Wheels Steel Front Bumper	XNY WGM MC6	Removes XHU - ParkSense Front Park Assist System & CSA - Spark Tyre Cover	-	O
Rubicon Premium Package Body Color 3-Piece Hard Top Body Colour Fender Flares	HT3 MM3		-	O

Option (O) Standard (S) Not Available (-) Must Have (m/h) Packaged With (p/w)



GROUPS & OPTIONS

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Wrangler



PX8 - Black
(Standard)



PW7 - Bright White
(Standard)



PAU - Granite Crystal
(Option - N/A on Overland)



PDN - Sting Grey
(Option)



PGG - Sarge
(Option)



PSE - Silver Zynith
(Option)



EXTERIOR COLOURS

Wrangler



A7X9 - Black Cloth
(Standard - Night Eagle)



MLX9 - Black McKinley Premium Leather with
Overland Logo (Standard - Overland)



ALX9 - Black Leather Trimmed Bucket Seat
(Standard - Rubicon)



INTERIOR TRIM GUIDE

Wrangler

	Night Eagle	Overland	Rubicon
Option Code	A7X9	MLX9	ALX9
Seat Material	Cloth	Leather - Trimmed	Leather - Trimmed
Seat Colour	Black	Black	Black
Instrument Panel	Dark	Premium - Wrapped	Redical
Steering Wheel		Leather Wrapped	
Exterior Colour			
Black (PX8)	●	●	●
Bright White (PW7)	-	●	●
Granite Crystal (PAU)	O	-	O
Sting Grey (PDN)	O	-	O
Sarge Green (PGG)	-	O	O
Silver Zynith (PSE)	O	O	O

Standard (●) Option (O) *Available from Jan 2023 production.



COLOUR & TRIM MATRIX

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	Rubicon 2-Door 3.6L 8AT 4x4	Night Eagle 4-Door 3.6L 8AT 4x4	Overland 4-Door 3.6L 8AT 4x4	Rubicon 4-Door 3.6L 8AT 4x4
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Body & Chassis				
Layout	Front Engine 4x4			
Construction	Body on Frame Chassis, open steel and aluminium body			
Assembly Plant	Toledo Supplier Park, Toledo, Ohio, USA.			
Doors	2-Door	4-Door		
Seats	4	5		
Model Code	JLUS72-24R	JLUL74-24L	JLUP74-24G	JLUS74-24R

Powertrain				
Description	3.6 Pentastar V6 w/ ESS			
Capacity	3,604			
Cylinders	6			
Configuration	V			
Aspiration (Natural / Forced)	Naturally Aspirated			
Max. Power (kW @ rpm)	209 @ 6400			
Max. Torque (Nm @ rpm)	347 @ 4100			
Valves	24			
Compression	11:03:01			
Bore & Stroke (mm)	96.0 x 83.0			

Fuel ⁽¹⁾				
System	Sequential, Multi Port, Electronic, Returnless			
Type	Unleaded Petrol			
Fuel Tank Capacity (L)	66.0	81		
Economy (Urban, L/100km)	13.5	13	13.6	
Economy (Highway, L/100km)	8.2	7.8	8.3	
Economy (Combined, L/100km)	10.1	9.7	10.3	

Emissions				
Emission Standard Met	5			
Emissions (Combined, CO ₂ g/km)	235	225	239	

Steering				
Type	Electro-Hydraulic Power			
Turning Circle - Kerb to Kerb (m)	10.5	12.44		
Column Adjustment	Tilt/Telescopic			

	Rubicon 2-Door 3.6L 8AT 4x4	Night Eagle 4-Door 3.6L 8AT 4x4	Overland 4-Door 3.6L 8AT 4x4	Rubicon 4-Door 3.6L 8AT 4x4
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Weights				
Tare Weight (kg)	1,917	1,900	1,900	1,992
Gross Vehicle Mass (kg)	2,404	2,460	2,460	2,562
Max. Braked Towing Capacity (kg) ⁽⁹⁾	1,497	2,495		
Max. Unbraked Towing Capacity (kg)	750			
Max. Tongue Download (kg) ⁽⁵⁾	150	250		
Gross Combined Mass (kg) Incl. Braked Towing	3,751	4,706		4,808

Transmission				
Type	8-Speed Automatic			
Ratio - 1st	4.71			
Ratio - 2nd	3.13			
Ratio - 3rd	2.10			
Ratio - 4th	1.67			
Ratio - 5th	1.28			
Ratio - 6th	1.00			
Ratio - 7th	0.84			
Ratio - 8th	0.67			
Reverse	3.53			

Performance				
Acceleration (Seconds 0-100km/h)	7.5		7.9	
Maximum Speed (km/h)	180		180	

Brakes				
Front - Type	Ventilated disk, floating twin piston caliper with ABS			
Front - Size (mm)	330 x 28	330 x 24	330 x 28	
Rear - Type	Solid disk, floating single piston caliper with ABS			
Rear - Size (mm)	342 x 12	328 x 12	342 x 14	

Wheel & Tyre				
Wheel Type	Alloy			
Wheel Size (Inches)	17.0 x 7.5	17.0 x 7.5	18.0 x 7.5	17.0 x 7.5
Tyre Size	255 / 70	245 / 75	255 / 70	255 / 75
Spare Wheel	Tailgate Mounted - Matching Alloy Wheel			

Weights & Capacities	Rubicon 2-Door 3.6L 8AT 4x4	Night Eagle 4-Door 3.6L 8AT 4x4	Overland 4-Door 3.6L 8AT 4x4	Rubicon 4-Door 3.6L 8AT 4x4
Dimensions				
Length (mm)	4,334		4,882	
Width (mm)	1,894		1,894	
Height (mm)	1,841	1,828	1,838	1,848
Wheelbase (mm)	2,459		3,008	
Front Track (mm)		1,598		
Rear Track (mm)		1,598		
Suspension				
Type	Coil			
Front	Solid Axle, Link Coil, Leading Arms, Track Bar, Coil Springs, Stabiliser Bar			
Rear	Solid Axle, Link Coil, Leading Arms, Track Bar, Coil Springs, Stabiliser Bar			
Electronic Stabiliser Bar Disconnect	Front			Front
4x4 Specifics				
4x4 System	Rock-Trac® Active On-Demand 4x4	Selec-Trac® Active On-Demand 4x4		Rock-Trac® Active On-Demand 4x4
Operating Mode	2WD High; 4WD High Auto; 4WD High; Neutral; 4WD Low			
Transfer Case	2-Speed			
Low Range Ratio	4.0:1	2.72:1		4.0:1
Rear Axle Ratio	4.10	3.45		4.1
Front Axle	Dana M210	Dana M186		Dana M210
Rear Axle	Dana M220	Dana M200		Dana M220
Electronic Locking Differentials	Tru-Lock Front & Rear			Tru-Lock Front & Rear
Running Clearance (mm)	225	232	242	252
Approach Angle (with optional Steel Front Bumper) (Degrees)	36.6 (41.9)	35.2	35.8	36.5 (41.7)
Breakover Angle (Degrees)	26.6	19.5	20.4	21.2
Departure Angle (Degrees)	31.5	30.5	31.2	31.9
Wading Depth (mm) ⁽⁶⁾	760			
Warranty & Service	Rubicon 2-Door 3.6L 8AT 4x4	Night Eagle 4-Door 3.6L 8AT 4x4	Overland 4-Door 3.6L 8AT 4x4	Rubicon 4-Door 3.6L 8AT 4x4
Service Intervals	12,000km / 12 months			
Warranty	3 year / 100,000km ⁽⁷⁾			
Roadside Assist	3 year / 100,000km ⁽⁷⁾			

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(1) Fuel consumption figures are according to Australian Design Rule (ADR) 81/02. Driving style, road and traffic conditions, fitment of accessories, environmental influences and vehicle condition can lead to consumption figures which may differ from those calculated with these standards. (2) Air suspension in position Off-Road #2 (3) Trailer tongue download subject to certain operating conditions. Please refer to Owner's Manual for full details. (4) 3 years from the date of vehicle registration or 100,000km (whichever comes first). (5) Roadside assist is not redeemable for cash. (6) Maximum towing capacity is based on Aggregate Trailer Mass (ATM). Please follow towing information in the Owner Manual or consult your preferred Jeep dealer for details. (7) Apple Carplay® requires an iPhone 5 or later version of iPhone, running iOS 7.1 or above. The function of Apple Carplay® requires mobile data for full capability. Compatibility and performance can vary and change. (8) Android Auto® requires an Android 5.0 or later version of Android, installed with the Android Auto® Application. The function of Android Auto® requires mobile data for full capability. Compatibility and performance can vary and change. (9) Android Auto® and Apple Carplay® is available on, and compatible with, Uconnect® Systems installed in select Chrysler and Jeep vehicles. Uconnect® Systems do not support the Pandora® application, but it may appear as part of Android Auto® and/or Apple Carplay®. (10) Capability varies by model and valid for standing water only, less for flowing water. Maximum speed no greater than 8km/h (5mph). Do not attempt water fording unless depth is known and consistent with the vehicle's water fording rating in the Owner's Manual. Water ingestion can occur causing damage to your vehicle that may not be covered by the New Vehicle Warranty. FCA/Jeep New Zealand is not responsible for the availability, compatibility or use of applications, products and software supplied or supported by third parties.