

Road vehicle descriptor

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General information

Vehicle type approval number:	VTA-063687 20240507
Make:	TEEBRO RAM
Model:	DT 1500 HD
Marketing designation:	RAM DT 1500
Category:	N - Goods Vehicles

Secure vehicle identifier / vehicle plate details

Location:	LH Lower B-Pillar 30-L-16
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List of variant(s)

Variant information for 1500 Limited GVM 4200

Front 3/4 image:



Rear 3/4 image:



Variant details

Body style:	UTILITY
NSW body code:	Utility
Seating options:	5
No. of doors side:	4
No. of doors rear:	0
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	2685

Gross vehicle mass (kg):	4200
Maximum towing mass (braked trailer) (kg):	4500
Maximum towing mass (non-braked trailer) (kg):	750

Major Dimensions

Vehicle length (mm):	5916
Vehicle width (mm):	2057
Vehicle height (mm):	2011
Wheelbase (mm):	3672
Running clearance (mm):	258

Engine details

Engine name	Variant availability type	Mass variation amount
5.7--LITRE HEMI® V--8	Standard (S)	

Service Brake

Service brake name	Variant availability type
378/30, 375/22	Standard (S)

Transmission

Transmission name	Variant availability	Variant amount
8HP75	Standard (S)	

Tyre and Rim

Tyre and rim name	Variant availability type
285/55R20	Opt Front and Rear (OB)
285/55R20	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
285/45R22	Std Front and Rear (SB)
35/12.5R20	Opt Front and Rear (OB)
35/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)

Suspension

Suspension name
DT

Standard equipment or options

Name	Variant availability type
AEB	Standard (S)
Blind Spot Monitoring	Standard (S)
Lane Departure Warning	Standard (S)
Pedestrian Detection	Standard (S)
TPMS	Standard (S)
Air conditioning	Standard (S)
Antilock brakes	Standard (S)

Name	Variant availability type
Central locking	Standard (S)
Driver's airbag	Standard (S)
Passenger's airbag	Standard (S)
Power mirrors	Standard (S)
Power windows	Standard (S)

Typical vehicle identification numbers (VINs)

Vehicle identification number (VIN)
1C6SRFHT#PN123456

Variant information for 1500 Laramie GVM 4200

Front 3/4 image:



Rear 3/4 image:



Variant details

Body style:	UTILITY
NSW body code:	Utility
Seating options:	5
No. of doors side:	4
No. of doors rear:	0
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	2553
Gross vehicle mass (kg):	4200
Maximum towing mass (braked trailer) (kg):	4500

Maximum towing mass (non-braked trailer) (kg):	750
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Major Dimensions

Vehicle length (mm):	5916
Vehicle width (mm):	2057
Vehicle height (mm):	2011
Wheelbase (mm):	3672
Running clearance (mm):	258

Engine details

Engine name	Variant availability type	Mass variation amount
5.7--LITRE HEMI® V--8	Standard (S)	

Service Brake

Service brake name	Variant availability type
378/30, 375/22	Standard (S)

Transmission

Transmission name	Variant availability	Variant amount
8HP75	Standard (S)	

Tyre and Rim

Tyre and rim name	Variant availability type
285/55R20	Opt Front and Rear (OB)
285/55R20	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
275/55R20	Std Front and Rear (SB)
285/45R22	Opt Front and Rear (OB)
35/12.5R20	Opt Front and Rear (OB)
35/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)

Suspension

Suspension name
DT

Standard equipment or options

Name	Variant availability type
AEB	Standard (S)
Blind Spot Monitoring	Standard (S)
Lane Departure Warning	Standard (S)
TPMS	Standard (S)
Air conditioning	Standard (S)
Antilock brakes	Standard (S)
Central locking	Standard (S)
Driver's airbag	Standard (S)

Name	Variant availability type
Passenger's airbag	Standard (S)
Power mirrors	Standard (S)
Power windows	Standard (S)

Typical vehicle identification numbers (VINs)

Vehicle identification number (VIN)
1C6SRFJT#PN123456

Variant information for 1500 Bighorn GVM 4200

Front 3/4 image:



Rear 3/4 image:



Variant details

Body style:	UTILITY
NSW body code:	Utility
Seating options:	5
No. of doors side:	4
No. of doors rear:	0
Axle code:	2 Axles, single tyres front and rear
Tare mass (kg):	2486
Gross vehicle mass (kg):	4200
Maximum towing mass (braked trailer) (kg):	3500

Maximum towing mass (non-braked trailer) (kg):	750
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Major Dimensions

Vehicle length (mm):	6142
Vehicle width (mm):	2084
Vehicle height (mm):	2008
Wheelbase (mm):	3898
Running clearance (mm):	257

Engine details

Engine name	Variant availability type	Mass variation amount
5.7--LITRE HEMI® V--8	Standard (S)	

Service Brake

Service brake name	Variant availability type
378/30, 375/22	Standard (S)

Transmission

Transmission name	Variant availability	Variant amount
8HP75	Standard (S)	

Tyre and Rim

Tyre and rim name	Variant availability type
275/65R18	Std Front and Rear (SB)
285/55R20	Opt Front and Rear (OB)
285/55R20	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
35/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
33/12.5R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
295/70R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
285/60R18	Opt Front and Rear (OB)
35/12.5R20	Opt Front and Rear (OB)
35/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
33/12.5R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)
295/60R20	Opt Front and Rear (OB)

Suspension

Suspension name
DT

Standard equipment or options

Name	Variant availability type
Air conditioning	Standard (S)
Antilock brakes	Standard (S)
Central locking	Standard (S)
Driver's airbag	Standard (S)
Passenger's airbag	Standard (S)
Power mirrors	Standard (S)
Power windows	Standard (S)

Typical vehicle identification numbers (VINs)

Vehicle identification number (VIN)

1C6SRFMT#PN592439

Typical vehicle identification number (VIN) details

VIN:	1C6SRFMT#PN592439
Location:	12-P-21
Variant	
1500 Bighorn GVM 4200	

VIN:	1C6SRFJT#PN123456
Location:	12-P-21

Variant
1500 Laramie GVM 4200

VIN:	1C6SRFHT#PN123456
Location:	12-P-21

Variant
1500 Limited GVM 4200

Engine specifications

5.7--LITRE HEMI® V--8

Motive power:	Battery Plus Internal Combustion (BIC)
Configuration:	V configuration 8 cylinders (V8)
Net engine power (kW):	291.00
Net engine power (rpm):	5600
Capacity (cc):	5654.00
Fuel injection type:	Multipoint injection (MPI)
Induction type:	Natural (N)
Stroke:	4.00000
Typical engine number:	TNXE6344610034
Location:	37-Q-10

Variant(s) this engine is applicable and the mass variation

Variant	Mass variation (kg) - positive or negative variation from tare weight	Mass variation amount
1500 Limited GVM 4200	Standard (S)	
1500 Laramie GVM 4200	Standard (S)	
1500 Bighorn GVM 4200	Standard (S)	

Service brake specifications

378/30, 375/22

Actuation type:	Hydraulic (H)
Power assisted:	Vacuum (VAC)

Front

Type:	Disc Ventilated (DIV)
Diameter (mm):	378
Width (mm):	30

Rear

Type:	Disc Ventilated (DIV)
Diameter (mm):	375
Width (mm):	22

For which variant(s) is the service brake applicable and how is it available?

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Transmission data specifications

8HP75

Transmission type:	Automatic (A)
Forward gears:	8

Variant(s) this transmission is applicable to, and the mass variation

Variant	Mass variation (kg) – positive or negative variation from tare weight	Variation amount
1500 Limited GVM 4200	Standard (S)	
1500 Laramie GVM 4200	Standard (S)	
1500 Bighorn GVM 4200	Standard (S)	

Tyre and rim specifications

33/12.5R20

Tyre designation:	33/12.5 R20
Rim size and profile:	20 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

275/55R20

Tyre designation:	275/55R20
Rim size and profile:	9J x 20
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	19
Front wheel track (mm):	1741
Rear wheel track (mm):	1727

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Laramie GVM 4200	Std Front and Rear (SB)

285/45R22

Tyre designation:	285/45R22
Rim size and profile:	9J x 22
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	19
Front wheel track (mm):	1741
Rear wheel track (mm):	1727

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Std Front and Rear (SB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)

35/12.5R20

Tyre designation:	35/12.5R20
Rim size and profile:	20 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

35/12.5R20

Tyre designation:	35/12.5R20
Rim size and profile:	10J x 20
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

275/65R18

Tyre designation:	275/65R18
Rim size and profile:	8J x 18
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	19
Front wheel track (mm):	1741
Rear wheel track (mm):	1727

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Bighorn GVM 4200	Std Front and Rear (SB)

33/12.5R20

Tyre designation:	33/12.5 R20
Rim size and profile:	20 x 9
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

295/60R20

Tyre designation:	295/60 R20
Rim size and profile:	20 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

295/60R20

Tyre designation:	295/60 R20
Rim size and profile:	20 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

285/55R20

Tyre designation:	285/55 R20
Rim size and profile:	20 X 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

285/55R20

Tyre designation:	285/55 R20
Rim size and profile:	20 X 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

35/12.5R18

Tyre designation:	35/12.5 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

35/12.5R18

Tyre designation:	35/12.5 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

33/12.5R18

Tyre designation:	33/12.5 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

33/12.5R18

Tyre designation:	33/12.5 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

295/70R18

Tyre designation:	295/70R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

295/70R18

Tyre designation:	295/70 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

285/60R18

Tyre designation:	285/60 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	18
Front wheel track (mm):	1743
Rear wheel track (mm):	1729

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

285/60R18

Tyre designation:	285/60 R18
Rim size and profile:	18 x 9J
Rim offset (mm):	Positive offset (+)
Rim offset amount (mm):	0
Front wheel track (mm):	1779
Rear wheel track (mm):	1765

Variant(s) this tyre and rim is applicable to, and how it is available

Variant	Variant availability type
1500 Limited GVM 4200	Opt Front and Rear (OB)
1500 Laramie GVM 4200	Opt Front and Rear (OB)
1500 Bighorn GVM 4200	Opt Front and Rear (OB)

Suspension data specifications

DT

Vertical measurements	Front (mm)	Rear (mm)
Vertical measurement of wheel centre to top of wheel arch opening at "Unladen Mass"	620	680
Vertical measurement of wheel centre to top of wheel arch opening at full bump	530	510
Minimum acceptable vertical measurement of wheel centre to top of wheel arch	590	623

Variant(s) this suspension is applicable to, and how it is available

Variant
1500 Limited GVM 4200
1500 Laramie GVM 4200
1500 Bighorn GVM 4200

Standard equipment or options which may affect ADR compliance

Air conditioning

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Antilock brakes

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Power windows

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Power mirrors

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Driver's airbag

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Passenger's airbag

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

Central locking

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)
1500 Bighorn GVM 4200	Standard (S)

AEB

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)

Blind Spot Monitoring

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)

Lane Departure Warning

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)

Pedestrian Detection

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)

TPMS

Variant	Variant availability type
1500 Limited GVM 4200	Standard (S)
1500 Laramie GVM 4200	Standard (S)

Remarks

SSM vehicle for the purpose of GVM upgrade to FSM vehicle VTA-051234 (Version date: 13/07/2023). Vehicle category change from NA to NB1. SSM Modifications include reinforcement of OEM rear differential housing and replacement bearing components to support a GAWR of 2500kg. Upgrade of front and rear suspension to higher rated components, upper control arms, rims, brake rotors, brake pad and brake caliper. Suspension airbags are added to the vehicle to support GVM up to 4200kg. Increased axle capacity and GVM with a resultant increase in ride height as per RVD details. Modified suspension configuration validated through ADR compliance evidence. All variants have a group axle rating front = 1900kg, group axle rating rear = 2500kg via upgrade of rated components. The OEM has stated a Gross Combined Mass of 7237kg for all variants. The variants of this vehicle are based on the corresponding variants from the base vehicle, manufactured by AMERICAN SPECIAL VEHICLES PTY LTD under VTA-051234. All TEEBRO 1500 Limited = 1500 Limited GVM 4200 (Variant 1), 1500 Laramie = 1500 Laramie GVM 4200 (Variant 2), 1500 Bighorn = 1500 Bighorn GVM 4200 (Variant 3). Refer tyre placard information for further detail. A QR code to be attached to OEM service manual for additional fitment and servicing for undertaken modifications.