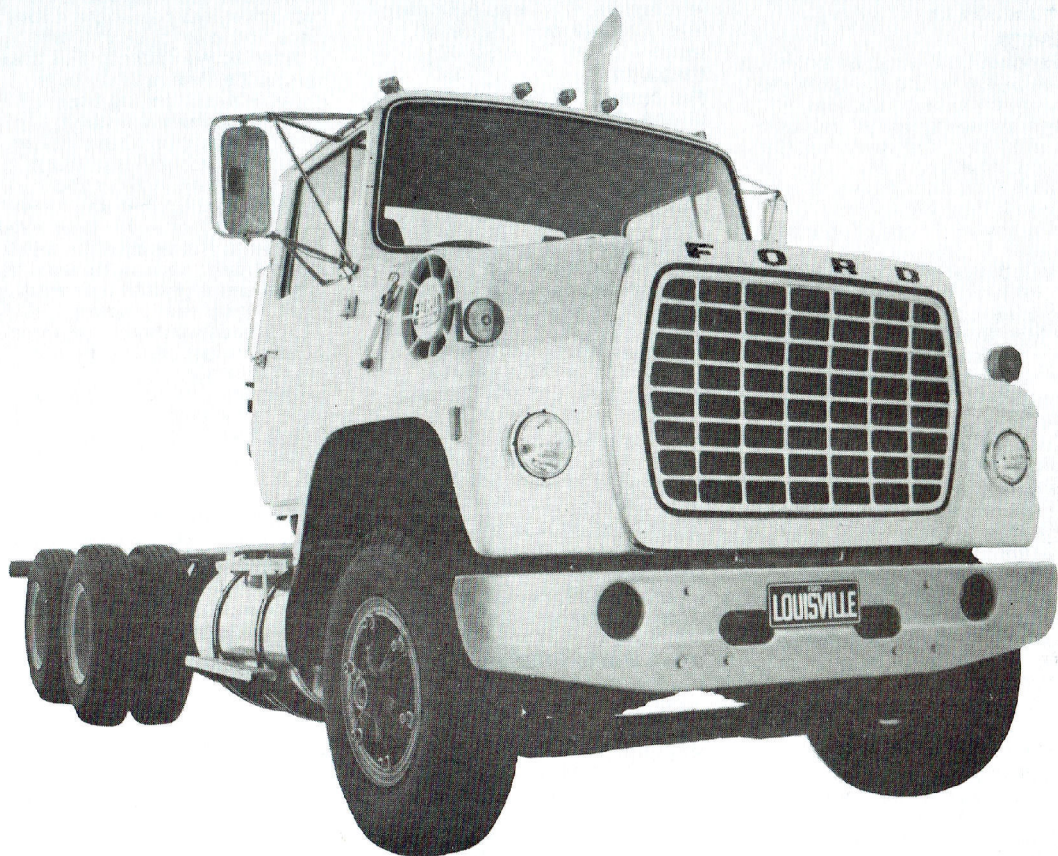
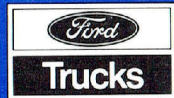


LOUISVILLE LNT9000 Diesel



LOUISVILLE LNT9000 Diesel

• VEHICLE MASS LOAD RATING (kg) RADIAL PLY TYRES

GVM — PLATED	23240		26000 ⁵	
	45000 ¹	54400 ²	81000 ³	90000 ⁴
FRONT AXLE	6000			
FRONT TYRES (RADIAL)	6000			
FRONT SUSPENSION	6000			
FRONT RATING	6000			
REAR AXLE	18000 (SP40G)	20000 (SSHD)	20900 (SSHD) ⁵	
REAR TYRES (RADIAL)	21040 (16PR)			
REAR SUSPENSION	17240 (RT380 & E4-380)	17240 (RT380)	20900 ⁵ (AC6S — 6800)	
REAR RATING	17240	17240	20900⁵	
<p>NOTES:</p> <ol style="list-style-type: none"> STANDARD RATING. PT320 @ 350 HP SETTING, RT14615 TRANSMISSION WITH OIL COOLER. (O.S.O.). & 4. PT320 @ 350 HP SETTING, RT14615 TRANSMISSION WITH OIL COOLER AND 4.33:1 RATIO (O.S.O.) 6 ROD SUSPENSION REQUIRED FOR 90000 KG. SSHD RATING WITH 6 ROD ONLY 				
OPTIONAL RATINGS SUBJECT TO FORD APPLICATION APPROVAL.				

• ENGINE RATINGS (SAE J1349)

Engine	STD	Dealer* Setting	Gross Power kW (HP)	Gross Torque Nm (lb.ft)	Torque Rise %	Capacity Litre	Type
CUMMINS							
Cummins: PT320	✓		239 (320) @ 1900 RPM	1559 (1150) @ 1300 RPM	30	14.0	16
Alternative Ratings							
— 300 HP		✓	224 (300) @ 2100 RPM	1559 (1150) @ 1300 RPM	53	14.0	16
— 300 HP		✓	224 (300) @ 1900 RPM	1559 (1150) @ 1300 RPM	39	14.0	16
— 320 HP		✓	239 (320) @ 2100 RPM	1559 (1150) @ 1300 RPM	44	14.0	16
— 350 HP		✓	261 (350) @ 2100 RPM	1559 (1150) @ 1300 RPM	31	14.0	16
— 350 HP		✓	261 (350) @ 1900 RPM	1559 (1150) @ 1300 RPM	19	14.0	16
* AT EXTRA COST							



STANDARD EQUIPMENT

AXLE FRONT

Ford I Beam; Oil filled hubs;
 Beam capacity 6000kg

REAR AXLE

Rockwell SP40G; Full floating; Hypoid/Amboid single reduction; Positive pressure filtered lubrication;
 Ratios 3.73:1; Ring gear pitch diameter 381mm; Capacity 18000kg; Interaxle differential with air actuated lock

BRAKES

Service: Dual circuit air system; Three high pressure air reservoirs; Dual air pressure gauge; Low air pressure warning buzzer and light; Compressor: Cummins — 0.37m³ min (13.2cfm)

Size: Front 381x102mm 'S' cam actuated; Rear 420x178mm 'S' cam actuated; Total lining area: 7884cm²

Park Brake: Axle mounted spring set (Anchorlock) on both rear axles with dash mounted control

Trailer Brake: Steering column mounted hand control with air and electric connections back of cab

• CHASSIS

Single channel section 260x79x9.5mm; High tensile, material 758000kPa; Section modulus 260cm³; Fifth wheel mounting angles; Rear mudflaps, white PVC

CLUTCH

Spicer twin plate organic discs; Coaxial spring dampened; Mechanical actuated; Clutch brake; Size: 394mm diameter; Facing area 3008cm²

DRIVELINE

Spicer 1810 Series with glidecot splines; Interaxle shaft: 1710 Series with glidecot splines

• ELECTRICAL

12 volt negative earth system; Batteries: 4x6 volt 158 amp hr capacity; Alternator: Leece Neville; Cummins — 85 amp capacity; Quartz halogen headlamps — 12 V 60/55 W capacity; Park lamps; Cab clearance lights; Front direction indicators; Rear combination stop-tail-turn and reversing lamps; Number plate lamp; Circuit protection: fuses and circuit breakers; Cabin mounted isolator switch; Electrical wiring with multi-pin plugs, labelled accessory wires, relays to all major circuits and AVX high temp wiring under bonnet; Dual air horns; Single electric horn; Instruments: Electronic

speedometer/odometer; Electronic tachometer; Engine — Oil pressure; Water temperature; Oil temperature; Air restriction gauge; Transmission — Oil temperature; Rear Axle — Front and rear diff. oil temperature; Fuel gauge; Voltmeter; Dual air pressure gauge and low pressure warning buzzer; Warning light module; Lights for: Direction indicators and hazard flashers; Hi-beam; Low brake pressure; Water temperature; Oil pressure; Coolant level; Interaxle lock; Engine oil temperature

ENGINES

Features: Full flow replaceable oil filter; Spin-on-by-pass oil filter for Cummins engines; Air cleaner: 406mm Donaldson Cyclopac with safety element and restriction indicator; Cooling: Cross flow radiator with bolted stainless steel header tanks; 6700cm² area; Reinforced silicone rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner; Cooling fan: Horton fan clutch; Engine control: Push button start with ignition key shut down; Exhaust: Single vertical muffler and pipe on LHS; Remote mounted

FUEL SYSTEM

2x379 litre cylindrical aluminium tanks mounted on chassis frame with full-length, aluminium steps

FRONT SUSPENSION

Asymmetric multi leaf springs; 14 leaf; With inter-leaf liners; Capacity: 3000kg per spring; Shock absorbers: Double acting telescopic

REAR SUSPENSION

Hendrickson: RT380 with steel walking beams; Capacity: 17240kg

STEERING

Ross HFB-64 direct driven integral power steering; Ratio 23.4:1; 504mm diameter steering wheel; Adjustable steering column

TRANSMISSION

Eaton Fuller — RTF11609A; Ratios: 12.65, 8.38, 6.22, 4.57, 3.40, 2.46, 1.83, 1.34, 1.00:1; Reverse 3.89, 13.22; PTO 6 bolt SAE pattern opening on RH side; Heavy duty 8 bolt SAE pattern opening at bottom

• WHEELS

20ins. diameter 6 spoke front and rear cast spider and hub assemblies

• RIMS

8.25x22.5 one piece drop centre demountable type — 11 supplied

• TYRES

11R 22.5 — 16 PR radial, front/rear

• CUSTOM CAB

All steel constructed cab with a tilting engine cover of reinforced fibreglass

Features: National Cush-N-Air low back drivers seat with air suspension/height adjustment; National Companion low back fixed passengers seat; Lap seat belts both driver and passenger; One piece floor mat, black PVC with acoustic sound underlay; Full door trim panels; Arm rests on both doors; Provision for log book storage and beverage stand; Padded headliner; Dual padded interior sun visors; Fascia crush pad; Coat hook; Ashtray and cigarette lighter; Climate control — Fresh air vent — RH lower inner side panel; Heater demister with 3 speed blower, variable temperature control and 4 position air control; Front quarter vent windows; Laminated windscreen; Dual self parking windscreen wipers with intermittent wipe; Electric windscreen washers; Mirrors: West Coast type
 Cab Finish: Electrocoat undercoating with baked enamel finish

OPTIONAL EQUIPMENT

Rear Axle: **Rockwell SSSH:** Full floating; Hypoid single reduction; Positive pressure filtered lubrication; Ratios: 3.9:1; Ring gear pitch diameter 422mm; Capacity: 20900kg; Interaxle differential with air actuated lock; Available with Rockwell 6 rod or Hendrickson RT380 suspensions

Rear Suspension:

Hendrickson: E4-380: 4 spring suspension with SP40G axles only; Capacity: 17240kg; **Rockwell: 6 Rod:** 2 spring heavy duty suspension with SSSH axles only; Capacity: 20900kg

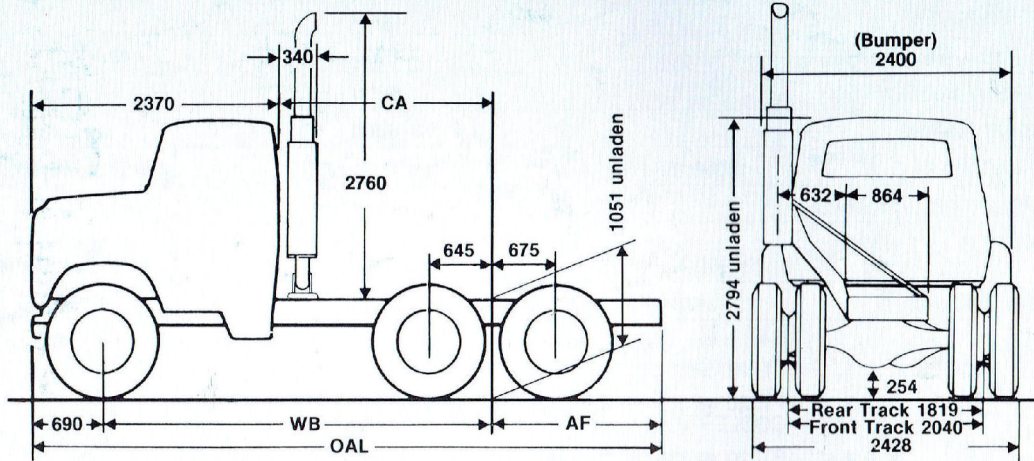
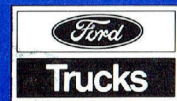
• **Engine Equipment:** Engine brake, Cummins 'C' brake

• **Tyres:** Spare tyre: 11R 22.5 16 ply radial

Quad Fuel Tanks: 2x273 litre tanks mounted on LHS and RHS, in addition to the 2x363 litre standard, with full-length, aluminium steps

• DENOTES CHANGES

LOUISVILLE LNT9000 Diesel



DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
4720 WB	3048	1900	7315	18.9 m

* Wall to Wall.

• MASS DATA

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
Cummins PT320	4720	3988	3637	7625
Optional Equipment — Add/Delete kg*				
Hendrickson E4-380 Suspension		—	- 130	- 130
Six-Rod Suspension		—	+ 174	+ 174
SSHD Axles		—	+ 196	+ 196

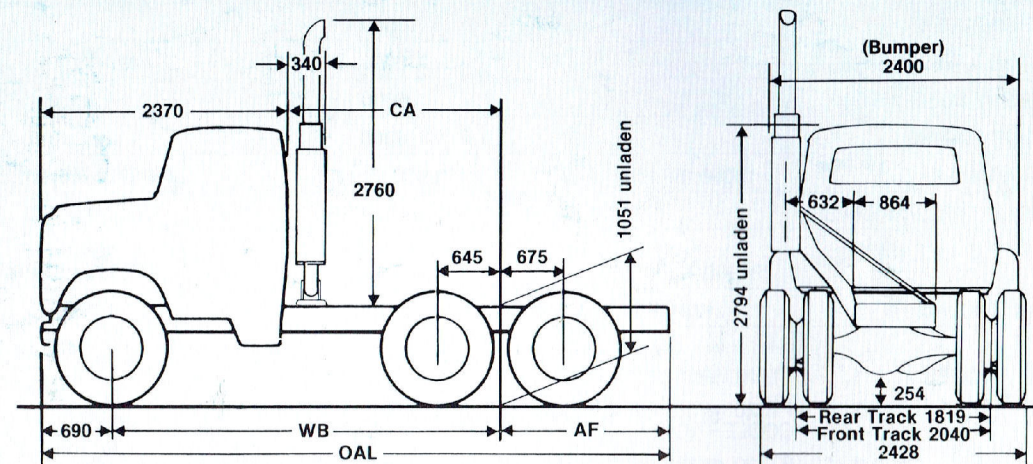
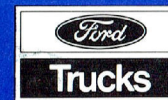
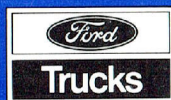
* Kerb Mass includes all fluids, full fuel, less driver and passenger. Kerb masses are calculated and subject to variation.

About this specification sheet. This sheet is designed to provide you with selected specification data for the Ford Products which have been described in a general way in the relevant brochure. Because of changes in conditions and circumstances Ford* reserves the right, subject to all applicable laws, at any time, at their discretion, and without notice to discontinue or change the features, designs, materials, colours and other specifications and the prices of their products, and to either permanently or temporarily withdraw any such products from the market without incurring any liability to any prospective purchaser or purchaser.

Because of variations which occur in manufactured products, all capacities, measurements, dimensions and weights quoted in the relevant brochure and this specification sheet should be taken as approximate only. Always consult an Authorised Ford Dealer for the latest information with respect to features, specifications, prices, optional equipment and availability before deciding to place an order. From time to time deliveries can be delayed by causes beyond the reasonable control of Ford or their Authorised Ford Dealers. When an order has been placed, please keep in touch with your Authorised Ford Dealer.



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Registered Office:
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DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
4720 WB	3048	1900	7315	18.9 m

* Wall to Wall.

• MASS DATA

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
Cummins PT320	4720	3988	3637	7625
Optional Equipment — Add/Delete kg*				
Hendrickson E4-380 Suspension		—	- 130	- 130
Six-Rod Suspension		—	+ 174	+ 174
SSHD Axles		—	+ 196	+ 196

* Kerb Mass includes all fluids, full fuel, less driver and passenger. Kerb masses are calculated and subject to variation.

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• VEHICLE MASS LOAD RATING (kg) RADIAL PLY TYRES

GVM — PLATED	23240		26000 ⁵	
	45000 ¹	54400 ²	81000 ³	90000 ⁴
FRONT AXLE	6000			
FRONT TYRES (RADIAL)	6000			
FRONT SUSPENSION	6000			
FRONT RATING	6000			
REAR AXLE	18000 (SP40G)	20000 (SSHD)	20900 (SSHD) ⁵	
REAR TYRES (RADIAL)	21040 (16PR)			
REAR SUSPENSION	17240 (RT380 & E4-380)	17240 (RT380)	20900 ⁵ (AC6S — 6800)	
REAR RATING	17240	17240	20900⁵	

NOTES:

- STANDARD RATING.
- PT320 @ 350 HP SETTING, RT14615 TRANSMISSION WITH OIL COOLER. (O.S.O.).
3. & 4. PT320 @ 350 HP SETTING, RT14615 TRANSMISSION WITH OIL COOLER AND 4.33:1 RATIO (O.S.O.) 6 ROD SUSPENSION REQUIRED FOR 90000 KG.
- SSHD RATING WITH 6 ROD ONLY

OPTIONAL RATINGS SUBJECT TO FORD APPLICATION APPROVAL.

• ENGINE RATINGS (SAE J1349)

Engine	STD	Dealer* Setting	Gross Power kW (HP)	Gross Torque Nm (lb.ft)	Torque Rise %	Capacity Litre	Type
CUMMINS							
Cummins: PT320	✓		239 (320) @ 1900 RPM	1559 (1150) @ 1300 RPM	30	14.0	16
Alternative Ratings							
— 300 HP		✓	224 (300) @ 2100 RPM	1559 (1150) @ 1300 RPM	53	14.0	16
— 300 HP		✓	224 (300) @ 1900 RPM	1559 (1150) @ 1300 RPM	39	14.0	16
— 320 HP		✓	239 (320) @ 2100 RPM	1559 (1150) @ 1300 RPM	44	14.0	16
— 350 HP		✓	261 (350) @ 2100 RPM	1559 (1150) @ 1300 RPM	31	14.0	16
— 350 HP		✓	261 (350) @ 1900 RPM	1559 (1150) @ 1300 RPM	19	14.0	16

* AT EXTRA COST

STANDARD EQUIPMENT

AXLE FRONT

Ford I Beam; Oil filled hubs;
 Beam capacity 6000kg

REAR AXLE

Rockwell SP40G; Full floating; Hypoid/Amboid single reduction; Positive pressure filtered lubrication; Ratios 3.73:1; Ring gear pitch diameter 381mm; Capacity 18000kg; Interaxle differential with air actuated lock

BRAKES

Service: Dual circuit air system; Three high pressure air reservoirs; Dual air pressure gauge; Low air pressure warning buzzer and light; Compressor: Cummins — 0.37m³ min (13.2cfm)
 Size: Front 381x102mm 'S' cam actuated; Rear 420x178mm 'S' cam actuated; Total lining area: 7884cm²
 Park Brake: Axle mounted spring set (Anchorlock) on both rear axles with dash mounted control
 Trailer Brake: Steering column mounted hand control with air and electric connections back of cab

• **CHASSIS**

Single channel section 260x79x9.5mm; High tensile, material 758000kPa; Section modulus 260cm³; Fifth wheel mounting angles; Rear mudflaps, white PVC

CLUTCH

Spicer twin plate organic discs; Coaxial spring dampened; Mechanical actuated; Clutch brake; Size: 394mm diameter; Facing area 3008cm²

DRIVELINE

Spicer 1810 Series with glidecote splines; Interaxle shaft: 1710 Series with glidecote splines

• **ELECTRICAL**

12 volt negative earth system; Batteries: 4x6 volt 158 amp hr capacity; Alternator: Leece Neville; Cummins — 85 amp capacity; Quartz halogen headlamps — 12 V 60/55 W capacity; Park lamps; Cab clearance lights; Front direction indicators; Rear combination stop-tail-turn and reversing lamps; Number plate lamp; Circuit protection: fuses and circuit breakers; Cabin mounted isolator switch; Electrical wiring with multi-pin plugs, labelled accessory wires, relays to all major circuits and AVX high temp wiring under bonnet; Dual air horns; Single electric horn; Instruments: Electronic

speedometer/odometer; Electronic tachometer; Engine — Oil pressure; Water temperature; Oil temperature; Air restriction gauge; Transmission — Oil temperature; Rear Axle — Front and rear diff. oil temperature; Fuel gauge; Voltmeter; Dual air pressure gauge and low pressure warning buzzer; Warning light module; Lights for: Direction indicators and hazard flashers; Hi-beam; Low brake pressure; Water temperature; Oil pressure; Coolant level; Interaxle lock; Engine oil temperature

ENGINES

Full flow replaceable oil filter; Spin-on-by-pass oil filter for Cummins engines; Air cleaner: 406mm Donaldson Cyclopac with safety element and restriction indicator; Cooling: Cross flow radiator with bolted stainless steel header tanks; 6700cm² area; Reinforced silicone rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner; Cooling fan: Horton fan clutch; Engine control: Push button start with ignition key shut down; Exhaust: Single vertical muffler and pipe on LHS; Remote mounted

FUEL SYSTEM

2x379 litre cylindrical aluminium tanks mounted on chassis frame with full-length, aluminium steps

FRONT SUSPENSION

Asymmetric multi leaf springs; 14 leaf; With inter-leaf liners; Capacity: 3000kg per spring; Shock absorbers: Double acting telescopic

REAR SUSPENSION

Hendrickson: RT380 with steel walking beams; Capacity: 17240kg

STEERING

Ross HFB-64 direct driven integral power steering; Ratio 23.4:1; 504mm diameter steering wheel; Adjustable steering column

TRANSMISSION

Eaton Fuller — RTF11609A; Ratios: 12.65, 8.38, 6.22, 4.57, 3.40, 2.46, 1.83, 1.34, 1.00:1; Reverse 3.89, 13.22; PTO 6 bolt SAE pattern opening on RH side; Heavy duty 8 bolt SAE pattern opening at bottom

• **WHEELS**

20ins. diameter 6 spoke front and rear cast spider and hub assemblies

• **RIMS**

8.25x22.5 one piece drop centre demountable type — 11 supplied

• **TYRES**

11R 22.5 — 16 PR radial, front/rear

• **CUSTOM CAB**

All steel constructed cab with a tilting engine cover of reinforced fibreglass
Features: National Cush-N-Air low back drivers seat with air suspension/height adjustment; National Companion low back fixed passengers seat; Lap seat belts both driver and passenger; One piece floor mat, black PVC with acoustic sound underlay; Full door trim panels; Arm rests on both doors; Provision for log book storage and beverage stand; Padded headliner; Dual padded interior sun visors; Fascia crush pad; Coat hook; Ashtray and cigarette lighter; Climate control — Fresh air vent — RH lower inner side panel; Heater demister with 3 speed blower, variable temperature control and 4 position air control; Front quarter vent windows; Laminated windscreen; Dual self parking windscreen wipers with intermittent wipe; Electric windscreen washers; Mirrors: West Coast type
 Cab Finish: Electrocoat undercoating with baked enamel finish

OPTIONAL EQUIPMENT

Rear Axle: **Rockwell SSHD:** Full floating; Hypoid single reduction; Positive pressure filtered lubrication; Ratios: 3.9:1; Ring gear pitch diameter 422mm; Capacity: 20900kg; Interaxle differential with air actuated lock; Available with Rockwell 6 rod or Hendrickson RT380 suspensions

Rear Suspension:

Hendrickson: E4-380: 4 spring suspension with SP40G axles only; Capacity: 17240kg; **Rockwell: 6 Rod:** 2 spring heavy duty suspension with SSHD axles only; Capacity: 20900kg

• **Engine Equipment:** Engine brake, Cummins 'C' brake

• **Tyres:** Spare tyre: 11R 22.5 16 ply radial

Quad Fuel Tanks: 2x273 litre tanks mounted on LHS and RHS, in addition to the 2x363 litre standard, with full-length, aluminium steps

• DENOTES CHANGES