LOUISVILLE LTL9000





Have you driven a Ford...lately?

LOUISVILLE LTL9000

• VEHICLE MASS LOAD RATING (kg) RADIAL PLY TYRES

GVM — PLATED	22500 23240			26000		
GCM — PLATED		450	00¹ 81000²	90000³	1200004	
FRONT AXLE			60	000		
FRONT TYRES (RADIAL)		6000 (16 PR)				
FRONT SUSPENSION	6000					
FRONT RATING			60	000		
REAR AXLE	18000 (9	18000 (SP40G) 20000 (SSHD)		20900 (SSHD) ⁵	21800 (RT-52-180)	
REAR TYRES (RADIAL)		21040 (16PR)				
REAR SUSPENSION	16500 (E4-360)	17240 (RT-380/HA460) 18100 (AC6Q)		20900 (6 Rod — AC6S)	22690 (6 Rod — AC6T)	
REAR RATING	16500	172	240	209	000 ⁵	

NOTES:

- STANDARD RATING.
- 2. ROCKWELL SSHD/RT380 (4.11, 4.33, 4.63, 4.87:1 AVAILABLE AS O.S.O. ONLY)

4.87:1 (85 KMH MAX. MANDATORY FOR NAASRA ROAD TRAIN REGULATIONS)

- 3. AS FOR NOTE "2" BUT WITH 6 ROD SUSPENSION.
- 4. STANDARD RATING, EXTRA HEAVY DUTY MODELS.
- SSHD RATING WITH 6 ROD ONLY

OPTIONAL RATINGS SUBJECT TO FORD APPLICATION APPROVAL.

• ENGINE RATINGS (SAE J1349)

Engine	Gross Power kW (HP)	Gross Torque Nm (lb.ft)	Torque Rise %
CUMMINS N14 OAC (14 LITE	E 16)		
FLEET360 (a)(PT Pacer)	269 (360) @ 1900 RPM	1600 (1180) @ 1300 RPM	19
FLEET400 (a)(PT Pacer)	298 (400) @ 1900 RPM	1797 (1325) @ 1300 RPM	20
XT 370	276 (300) @ 2000 RPM	1798 (1325) @ 1300 RPM	36
XT 444 (a)(PT Pacer)	331 (444) @ 2100 RPM	1898 (1400) @ 1500 RPM	26
CATERPILLAR 3406B (14.6 L	ITRE I6)		. "
350 ATAAC	261 (350) @ 2100 RPM	1790 (1320) @ 1100 RPM	51
425 ATAAC	317 (425) @ 2100 RPM	1966 (1450) @ 1200 RPM	36
	(a) Road Speed Controlled		



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 with air dryer; 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 260x81x9.5mm; High tensile, material 758000kPa; Section modulus 260.6cm³; □Fifth wheel mounting angles; □Rear mudflaps, white PVC

CLUTCH

□Spicer twin plate ceramic disc; 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: 4×6 volt 158 amp hr capacity, mid chassis mounted; □Alternator: Delco Remy — 105 amp capacity; □Quartz halogen headlamps
— 12 V 60/55 W capacity w/Aero covers; 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 electric norri, Linstruments: Electronic speedometer/Jodometer; Electronic tachometer; Engine — Oil pressure; Water temperature; Oil temperature; Air restriction gauge; Pyrometer gauge; Transmission — Oil temperature; Rear Auto. Economic programment of the programment of the control of the co - 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; □Aic cleaner: 406mm Donaldson Cyclopac with safety element and restriction indicator; □Air intake screen; □Cooling: Cross flow radiator 6774cm² area; Reinforced silicone rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner; □Cooling fan: Horton fan clutch; □Engine control: Key start with ignition key shut down; □Exhaust: 5182mm WB — Single vertical pipe (chromed) cab mounted LHS with under chassis muffler; 4720mm WB — Single vertical muffler cab mounted LHS; □Engine brake, Cummins engine/'C' brake; Caterpillar 3406 Jacobs brake; □No.1 SAE flywheel housing

FUEL SYSTEM

□Dual Capacity: 5182mm WB — 726L (2×363); 4720mm WB — 884L (2×442); cylindrical aluminium tanks mounted on chassis frame with full length aluminium steps

FRONT SUSPENSION

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

REAR SUSPENSION

☐ Hendrickson: RT380 soft ride with steel walking beams; ☐ Capacity: 17240kg

STEERING

□Ross HFB-64 direct driven integral power steering; □Ratio 23.4:1; □533mm diameter soft feel steering wheel; □Adjustable steering column

TRANSMISSION

□Eaton Fuller — RTF14715; □Ratios: Low 15.40, 11.80, 9.11, 7.02, 5.52; High 9.96, 7.63, 5.90, 4.54, 3.57, 2.79, 2.14, 1.65, 1.27, 1.00; Reverse 2.76, 9.84, 15.21; □PTO 6 bolt SAE pattern opening on RH side; Heavy duty 8 bolt SAE pattern opening at bottom; □Transmission oil cooler

WHEELS

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

RIMS

□8.25×22.5 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;

Bright aluminium grille surround – LTS9000 only; All major panels galvanised for corrosion protection; □ 4 point rubber cab mounting

Features: □Bostrom 715E low back drivers seat with air suspension/height adjustment; Bostrom 700E low back fixed passengers seat; Lap seat belts both driver and passenger; □Heated 'West Coast' mirrors with auxiliary spotter mirrors; One piece floor mat, black PVC with acoustic sound underlay; Full door trim panels; Arm rests on both doors; DFull width overhead console; Padded headlining; Dual padded interior sun visors; Fascia crash 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

□ Cab Finish: Electrocoat undercoating with baked enamel finish

OPTIONAL EQUIPMENT

EXTRA HEAVY DUTY — 120000kg GCM

□Rear Axle: Rockwell RT-52-180; Interaxle differential lube pump; 4.87:1 ratio; Capacity 22600kg

ratio; Capacity 22600kg

☐Rear Suspension: Rockwell AC6T: 6

rod extra heavy duty; 22690kg capacity

Chassis: Double section:
260×81×9.5mm (main rail);

278×89×7.9mm (reinforcement)

□Engines: 444 HP Cummins or
425 HP Caterpillar only

Compressor: 0.83m³ (30cfm) Cummins engine only

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: E4-360: 4 spring suspension with SP40G axles only;
 □Capacity: 16500kg

□Capacity: 16500kg
□Hendrickson: HA-460: Air suspension with SP40G and SSHD

axles; Capacity: 17240kg
Rockwell: 6 Rod AC6S: 2 spring
heavy duty suspension with SSHD axles
only: Capacity: 20900kg

□ Rockwell: 6 Rod AC6Q: 2 spring articulator suspension; □ Capacity: 18100kg

□**Tyres:** □Spare tyre: 11R 22.5 16 ply

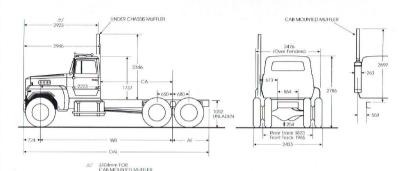
QUAD FUEL TANKS:

(5182mm WB only) □2×363 litre tanks mounted on LHS and RHS in addition to the 2×363 litre standard with full-length aluminium steps

MARCH 1990

OHSVIIF LTL9000





DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle
5182 WB	2959	1905	7811	20.4 m
4720 WB	2497	1473	6594	19.6 m

MASS DATA (EST)

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
Cummins N14 360, 370, 400 & 444	5182	3906	3502	7408
Caterpillar 3406B350, 425	5182	3999	3502	7501
4720 WB in lieu of 5182 WB		- 22	- 38	
726L fuel in lieu of 30L		+ 282	+ 202	+ 484
900L with 30L fuel (4720 WB Only)		+ 291	+ 409	+ 600
Optional Equipment — Add/Delete kg*				
Hendrickson E4-360 Suspension			- 214	- 214
Hendrickson HA460			- 134	- 134
Six-Rod Suspension AC6S			+ 174	+ 174
Rockwell SSHD Axle			+ 110	+ 110
Extra Heavy Duty		+ 224	+1223	+1447
Quad Fuel Tanks (with fuel)		+ 297	+ 430	+ 727

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 brothmy Because of changes in conditions and crammstances Ford' reserves the right, subject to all applicable laws, at any time, at their discretion, and without notice december, or though the features, designs, materials, colours and other specifications and obscillations of the specifications designs, materials, colours and other specifications are producted from the market without incurring any liability to any prospective purchase.

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.

be falsen as approximate only.

Always consist 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 fire delivenies can be delived by causes beyond the reasonable control of Ford or their Authorised Ford Dealer. When an order has been placed, please keep in touch with your Authorised Ford Dealer.



*FORD MOTOR COMPANY OF AUSTRALIA LIMITED (Incorporated in Victoria)

Registered Office: 1735 SYDNEY ROAD, CAMPBELLFIELD, VICTORIA, 3061

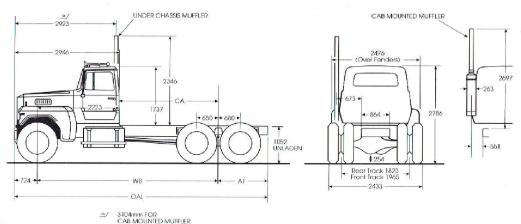
LOUSVILLE LTL9000



OUSVILLE LTL9000







DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle
5182 WB	2959	1905	7811	20.4 m
4720 WB	2497	1473	6594	19.6 m

· MASS DATA (EST)

Kerb Mass — Minimum Equipment — kg*	WB	Front	Rear	Total
Cummins N14 360, 370, 400 & 444	5182	3906	3502	7408
Caterpillar 3406B350, 425	5182	3999	3502	7501
4720 WB in lieu of 5182 WB		- 22	- 38	
726L fuel in lieu of 30L		+ 282	+ 202	+ 484
900L with 30L fuel (4720 WB Only)		+ 291	+ 409	+ 600
Optional Equipment — Add/Delete kg*		X X		llice
Hendrickson E4-360 Suspension			- 214	- 214
Hendrickson HA460			- 134	- 134
Six-Rod Suspension AC6S			+ 174	+ 174
Rockwell SSHD Axle			+ 110	+ 110
Extra Heavy Duty		+ 224	+ 1223	+ 1447
Quad Fuel Tanks (with fuel)		+ 297	+ 430	+ 727

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, meterials, colours and other specifications and the prices of their products, and to either permanently or temporarily withdraw any action products from the market without incurring any flability to any prospective purchaser or numbers.

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,

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 Dealers.



*FORD MOTOR COMPANY OF AUSTRALIA LIMITED (Incorporated in Victoria) Registered Office: 1735 SYDNEY ROAD, CAMPBELLFIELD, VICTORIA, 3061

Have you driven a Ford...lately?

LOUISVILLE LTL9000



VEHICLE MASS LOAD RATING (kg) RADIAL PLY TYRES

GVM — PLATED	22500 23240 26000				000	
GCM — PLATED		450	00 ¹ 81000 ²	90000³	1200004	
FRONT AXLE		6000				
FRONT TYRES (RADIAL)		6000 (16 PR)				
FRONT SUSPENSION	6000					
FRONT RATING	6000					
REAR AXLE	18000 (18000 (SP40G) 20000 (SSHD)		20900 (SSHD) ⁵	21800 (RT-52-180)	
REAR TYRES (RADIAL)	21040 (16PR)					
REAR SUSPENSION	16500 (E4-360)	17240 (RT-380/HA460) 18100 (AC6Q)		20900 (6 Rod — AC6S)	22690 (6 Rod — AC6T)	
REAR RATING	16500	172	240	209	900⁵	

NOTES:

- STANDARD RATING.
- 2. ROCKWELL SSHD/RT380 (4.11, 4.33, 4.63, 4.87:1 AVAILABLE AS O.S.O. ONLY)

4.87:1 (85 KMH MAX. MANDATORY FOR NAASRA ROAD TRAIN REGULATIONS)

- 3. AS FOR NOTE "2" BUT WITH 6 ROD SUSPENSION.
- 4. STANDARD RATING, EXTRA HEAVY DUTY MODELS.
- 5. SSHD RATING WITH 6 ROD ONLY

OPTIONAL RATINGS SUBJECT TO FORD APPLICATION APPROVAL

ENGINE RATINGS (SAE J1349)

Engine	Gross Power kW (HP)	Gross Torque Nm (lb.ft)	Torque Rise %
CUMMINS N14 OAC (14 LITR	E 16)		
FLEET360 (a)(PT Pacer)	269 (360) @ 1900 RPM	1600 (1180) @ 1300 RPM	19
FLEET400 (a)(PT Pacer)	298 (400) @ 1900 RPM	1797 (1325) @ 1300 RPM	20
XT 370	276 (300) @ 2000 RPM	1798 (1325) @ 1300 RPM	36
XT 444 (a)(PT Pacer)	331 (444) @ 2100 RPM	1898 (1400) @ 1500 RPM	26
CATERPILLAR 3406B (14.6 L	ITRE I6)		
350 ATAAC	261 (350) @ 2100 RPM	1790 (1320) @ 1100 RPM	51
425 ATAAC	317 (425) @ 2100 RPM	1966 (1450) @ 1200 RPM	36
	(a) Road Speed Controlled	1	

Have you driven a Ford...lately?

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 with air dryer; 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 381×102mm 'S' cam actuated; Rear 420×178mm '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 260×81×9.5mm; High tensile, material 758000kPa; Section modulus 260.6cm³; □Fifth wheel mounting angles; □Rear mudflaps, white PVC

CLUTCH

□Spicer twin plate ceramic disc; 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: 4×6 volt 158 amp hr capacity, mid chassis mounted; □Alternator: Delco Remy — 105 amp capacity; Quartz halogen headlamps - 12 V 60/55 W capacity w/Aero covers; 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; Pyrometer 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; □Air cleaner: 406mm Donaldson Cyclopac with safety element and restriction indicator; □Air intake screen; □Cooling: Cross flow radiator 6774cm2 area; Reinforced silicone rubber hoses; Coolant sight gauge; Spin-on water filter-conditioner;

Cooling fan: Horton fan clutch; □Engine control: Key start with ignition key shut down; □Exhaust: 5182mm WB — Single vertical pipe (chromed) cab mounted LHS with under chassis muffler; 4720mm WB - Single vertical muffler cab mounted LHS; □Engine brake, Cummins engine/'C' brake; Caterpillar 3406 Jacobs brake; □No.1 SAE flywheel housing

FUEL SYSTEM

□Dual Capacity: 5182mm WB — 726L (2×363); 4720mm WB — 884L (2×442); cylindrical aluminium tanks mounted on chassis frame with full length aluminium steps

FRONT SUSPENSION

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

REAR SUSPENSION

☐Hendrickson: RT380 soft ride with steel walking beams; ☐Capacity: 17240kg

STEERING

□Ross HFB-64 direct driven integral power steering; □Ratio 23.4:1; □533mm diameter soft feel steering wheel; □Adjustable steering column

TRANSMISSION

□Eaton Fuller — RTF14715; □Ratios: Low 15.40, 11.80, 9.11, 7.02, 5.52; High 9.96, 7.63, 5.90, 4.54, 3.57, 2.79, 2.14, 1.65, 1.27, 1.00; Reverse 2.76, 9.84, 15.21; □PTO 6 bolt SAE pattern opening on RH side; Heavy duty 8 bolt SAE pattern opening at bottom; □Transmission oil cooler

WHEELS

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

RIMS

 \square 8.25×22.5 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: ☐Bright aluminium grille surround -LTS9000 only;

All major panels galvanised for corrosion protection; ☐4 point rubber cab mounting Features: □Bostrom 715E low back drivers seat with air suspension/height adjustment; Bostrom 700E low back fixed passengers seat; Lap seat belts both driver and passenger; □Heated 'West Coast' mirrors with auxiliary spotter mirrors; One piece floor mat black PVC with acoustic sound underlay; Full door trim panels; Arm rests on both doors; | Full width overhead console; Padded headlining; Dual padded interior sun visors; Fascia crash 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

□ Cab Finish: Electrocoat undercoating with baked enamel finish

OPTIONAL EQUIPMENT

EXTRA HEAVY DUTY — 120000kg GCM

□Rear Axle: Rockwell RT-52-180; Interaxle differential lube pump; 4.87:1 ratio; Capacity 22600kg

□ Rear Suspension: Rockwell AC6T: 6 rod extra heavy duty; 22690kg capacity

□ Chassis: Double section: 260×81×9.5mm (main rail);

278×89×7.9mm (reinforcement)
□ Engines: 444 HP Cummins or 425 HP Caterpillar only

Compressor: 0.83m³ (30cfm) Cummins engine only

REAR AXLE:

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

REAR SUSPENSION:

□ Hendrickson: E4-360: 4 spring suspension with SP40G axles only; □ Capacity: 16500kg □ Hendrickson: HA-460: Air

suspension with SP40G and SSHD axles; □Capacity: 17240kg □Rockwell: 6 Rod AC6S: 2 spring heavy duty suspension with SSHD axles

only; □Capacity: 20900kg
□**Rockwell: 6 Rod AC6Q:** 2 spring articulator suspension; □Capacity:

18100kg

□**Tyres:** □Spare tyre: 11R 22.5 16 ply

QUAD FUEL TANKS:

(5182mm WB only) □2×363 litre tanks mounted on LHS and RHS in addition to the 2×363 litre standard with full-length aluminium steps

MARCH 1990