



November 18, 2013

XSS2AZ

**TO WHOM IT MAY CONCERN****Reference: Kenworth VIN 6F500000DA450194**

Kenworth Trucks has been advised that this vehicle is modified from the original manufactured specifications. The ratings for such an alternative manufacturer's original specification, appear on page 2 of this letter.

This letter of authority certifies an alternative rating for this vehicle in accordance with Vehicle Standards Bulletin No.6, Modification Code S1.

Confirmation that changes have been carried out in accordance with Vehicle Standards Bulletin No. 6, the National Code of Practice - Heavy Vehicle Modifications, may require that this vehicle is inspected, as directed by State or Territory requirements. Note that variations can occur between jurisdictions and each should be confirmed individually.

All modifications must be carried out in an appropriate and competent manner. Vehicle Standards Bulletin No.6 specifies the minimum acceptable standards for modifications. If in any doubt, refer to Kenworth Trucks Customer Service Department.

Kenworth Trucks is not an authorised Engineering Signatory for vehicle modification inspections.

The vehicle specification as manufactured by Kenworth Trucks were as follows, shown with current applicable component ratings:

Model	: T909	Date of Manufacture:	July 2013
Engine	: Cummins ISXe5 550 ADR80/03	Governed rpm:	2000
	S/N : 79656641		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 Nm @ 1200 rpm		
Transmission	: Fuller RTLO22918B		
	Ratios : 14.40 12.29 8.51 7.26 6.05 5.16 4.38 3.74 3.20 2.73 2.28 1.94 1.62 1.38 1.17 1.00 0.86 0.73		
Tailshaft	: SF SPL 250 main d/line with 1 SPL c/bearing (half round yoke)		
Steer Axle	: Meritor MFS73LA	Rating:	7300 kilograms
Front Suspension	: Kenworth Leaf Spring 7.2t	Rating:	7200 kilograms
Steer Tyres	: 295/80R22.5	Rating:	6900 kilograms
Steer Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	6600 kilograms
	<b>Front Axle Assembly Rated Capacity:</b>		<b>6600 kilograms</b>
Drive Axles	: Meritor RT50-160GP	Rating:	22700 kilograms
Drive Axle Ratio	: 4.56		
Rear Suspension	: NEWAY AD 246/10	Rating:	20800 kilograms
	This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS). Certificate No. RF2002		
Drive Tyres	: 11R22.5	Rating:	21800 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	26400 kilograms
	<b>Rear Axle Assembly Rated Capacity:</b>		<b>20800 kilograms</b>
Wheelbase	: 6000 mm	Chassis Section:	273 x 89 x 9.5mm mm High Tensile Steel (with full insert)
Rear Overhang	: 1450 mm		



## KENWORTH TRUCKS

A DIVISION OF **PACCAR** AUSTRALIA PTY. LTD.

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The maximum recommended operating speed is 100 km/h, for which suitable tyres must be fitted. The maximum geared road speed of this vehicle was 116 km/h, Road Speed Limited to 100 km/h.

HOLLAND FW70 DT2 fifth wheel (D-Rating 240 kN) and fifth wheel mounting angles were fitted by Kenworth Trucks as original equipment, attached in accordance with Kenworth Engineering Specifications.

This vehicle was fitted with an Approved ADR Compliance Plate, in accordance with ADR61. Compliance of the identified Category NC vehicle is confirmed by the Approval Number stamped in the upper left corner of the plate.

Individual ADR numbers are no longer required to be identified where an Approval Number is provided, excepting ADR64 (Roadtrains and B-Doubles). This compliance, if applicable, is shown on the Vehicle Identification Plate.

This vehicle is certified to ADR64 for Road Train and/or B-Double prime mover use (State permit requirements may be greater than ADR64 standards).

If Kenworth Trucks manufactured a vehicle to the following alternative original specification (advised modified components indicated \*\* below), the current applicable ratings for general on highway operations are:

- Gross Train Combination Mass up to and including 130.0 tonnes and/or
- Gross Vehicle Mass up to and including 26.5 tonnes (Lesser of Component Gross Vehicle Mass up to 28.0 tonnes, or, ADR braking certification Gross Vehicle Mass of 26.5 tonnes)

Advised vehicle specifications are as follows, shown with current applicable component ratings.

Engine	: Cummins ISXe5 550	Governed rpm:	2000
	ADR80/03		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 Nm @ 1200 rpm		
Transmission	: Fuller RTLO22918B		
Ratios	: 14.40 12.29 8.51 7.26 6.05 5.16 4.38 3.74 3.20		
	: 2.73 2.28 1.94 1.62 1.38 1.17 1.00 0.86 0.73		
Tailshaft	: SF SPL 250 main d/line with 1 SPL c/bearing (half round yoke)		
Steer Axle	: Meritor MFS73LA	Rating:	7300 kilograms
Front Suspension	: Kenworth Leaf Spring 7.2t	Rating:	7200 kilograms
Steer Tyres	: 385/65R22.5**	Rating:	8500** kilograms
Steer Wheels/Rims	: 12.25 x 22.5 285PCD Alloy Wheels**	Rating:	9800** kilograms
	<b>Front Axle Assembly Rated Capacity:</b>		<b>7200** kilograms</b>
Drive Axles	: Meritor RT50-160GP	Rating:	22700 kilograms
Drive Axle Ratio	: 4.56		
Rear Suspension	: NEWAY AD 246/10	Rating:	20800 kilograms
This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS), Certificate No. RF2002			
Drive Tyres	: 11R22.5	Rating:	21800 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	26400 kilograms
	<b>Rear Axle Assembly Rated Capacity:</b>		<b>20800 kilograms</b>
Wheelbase	: 6000 mm	Chassis Section:	273 x 89 x 9.5mm High Tensile Steel (with full insert)



XSS2A2



The maximum geared road speed of this vehicle is 116 km/h , Road Speed Limited to 100 km/h.

This statement does not imply that Kenworth Trucks has inspected VIN **6F500000DA450194**, nor certified any alterations and is not to be relied on other than solely as a statement regarding the Gross Train /Combination Masses and Gross Vehicle Masses for a new truck manufactured by Kenworth Trucks in accordance with the above specifications.

Kenworth Trucks makes no representation and expressly denies all liability expressed or implied for loss or damage, including any indirect or consequential loss whether or not Kenworth Trucks is advised of the possibility of loss or damage in advance, arising out of or in connection with reliance on the above statement as an indication of the actual condition and applicable Gross Train/Combination Masses and Gross Vehicle Masses ratings for VIN **6F500000DA450194**. Due to other undisclosed alterations which may have been made to VIN **6F500000DA450194** or the current condition of the truck, the actual Gross Train /Combination Masses and Gross Masses may not be as set out above.

Yours faithfully,  
KENWORTH TRUCKS



Stefan Farkas  
Applications Engineer

**Reference: Kenworth VIN 6F500000DA450194**

REGO No.	FLEET No.	DEPOT Location	CHASSIS No.	ENGINE No.	BUILD DATE	LAST SERVICE DATE	Current Kms	B SERVICE 30,000	C SERVICE 300,000	TOP TUNE 100,000	FRONT DIFF OIL 300,000	DOSER PUMP KLMS
XS52AZ	<a href="#">KW48</a>	ADEL	450194	79656641	Jun-13	22-Dec-23	2,390,487	2,368,241	2,111,186	2,299,301	2,111,156	2,078,802

BELT TENSIONERS	DAMPENERS	AIR FILTER	ALTERNATOR	AIR HORTON	AIR DRIER REBUILD	STARTER MOTOR	STEER AXLE BEARING S	FRONT DRIVE AXLE BEARING S	REAR DRIVE AXLE BEARING S	WHEEL ALIGNMENT	FRONT SUSPENSION	AFTERCOOLER
400,000	600,000	300,000	KLMS	400,000	600,000	KLMS	1,000,000	1,000,000	1,000,000	KLMS	1,500,000	KLMS
1,981,030	2,046,281	2,111,186	1,629,858	2,386,065	2,194,937	1,771,390	2,067,323	2,194,914	2,194,914	2,275,275	1,824,071	1,591,123

CLUTCH	DRIVE BRAKE RELINE	COMPRESSOR	TURBO	FUEL PUMP	JACK SHAFT UNI JOINTS	DRIVE SHAFT UNI JOINTS	FRONT SHOCKERS	REAR SHOCKERS	CAB SHOCKERS	WATER PUMPS	FRONT GEARBOX	FRONT DIFF
KLMS	KLMS	400,000	1,000,000	1,000,000	KLMS	KLMS	500,000	500,000	500,000	600,000	1,200,000	1,200,000
1,922,517	1,428,236	2,275,275	1,781,279	1,176,551	1,934,564	1,226,153	2,311,365	2,061,307	2,061,307	1,808,923	1,951,949	1,592,000

REAR DIFF	HEAD REPLACE D	KLMS ON HEAD	ENGINE REBUILD OR REPLACE D
1,200,000	600,000	KLMS	1000000 KLMS
2,332,659	1,781,279	609,208	1,781,279