



11 February 2026  
To Whom it May Concern

**RE: WESTERN STAR MODEL 48X, CHASSIS NO (VIN). 5KKJB5D12PPUP3848**

This vehicle was assembled by Daimler Trucks North America LLC and imported by Penske Australia & New Zealand with the components:

<b>ENGINE:</b>	DETROIT DD16 (ADR80/04) 600HP at 1800RPM / 2050lb.-ft. at 975RPM	SERIAL NO.: 473910S1012815
<b>TRANSMISSION:</b>	EATON RTLO22918B (Low Gear 14.4:1, High Gear 0.73:1)	SERIAL NO.: P1550954
<b>REAR AXLE:</b>	MERITOR RT46-160GP Ratio 3.91:1 (Max' Ground Rating - 20900kg) (Max' G.C.M Rating - 110000kg @ 5% max grade)	SERIAL NO.: FOR08104673 SERIAL NO.: FOR08104672
<b>REAR SUSPENSION:</b>	AIRLINER AL46K (Max' Ground Rating - 20900kg) (Max' G.C.M Rating - 106000kg @ 5% max grade) (Road Friendly Certificate Number - RF2013)	
<b>STEER AXLE:</b>	DETROIT F160-5N (Max' Ground Rating - 7250kg)	SERIAL NO.: 739914A0334669
<b>Goombi</b>	WESTERN STAR - TAPER LEAF SPRINGS (Max' Ground Rating - 7250kg)	
<b>CHASSIS:</b>	11.0MM - Single Channel, High Tensile Steel Chassis	
<b>WHEELBASE:</b>	204" / 5190 mm	
<b>CAB:</b>	ECE R29 COMPLIANT	
<b>TYRE SIZE:</b>	Steer 295/80R22.5 (Max' Ground Rating - 6500kg) Drive 11R22.5 (Max' Ground Rating - 21800kg)	
<b>ROAD SPEED:</b>	Electronically limited to 100km/h	
<b>SAFETY:</b>	ABS:6S/6M W/ATC   Detroit Assurance & AEB   ESC   Side Guard Assist   HD- TRLR Connections   Auxiliary Brake	
<b>Compliance/RAV Date:</b>	20/07/2023	<b>Warranty Start Date:</b> 22/11/2023

The vehicle load ratings for normal on highway use (based on component manufacturer's current ratings) would be:

<b>Gross Vehicle Mass Rating (GVM)</b>	27,400 kg
<b>Gross Vehicle Combination Rating (GCM)</b>	106,000 kg @ 5% max grade

Yours Faithfully,

Anant Relekar

Applications Engineering  
PENSKE AUSTRALIA PTY. LTD.