

SAF Free Service Inspection Sheet

5000km/1 Month

Please ensure serial numbers are noted

Date:	Owner:	Axle Serial Numbers:
Rego:		1;
KM's:	Workshop:	2;
Operator:	Technician:	3;
Trailer type:	Signature:	4;
Trailer Manufacturer:		5;

Mechanical check: ✓/✗ Comments

Attention:	Torque check wheel nuts after the first 50 km and 150 km (repeat after every wheel removal). Follow a prescribed wheel nut torque procedure. If spindle nut with incorporated lock nut is fitted then torque checks are not required.		●	
Torque check all nuts and bolts to recommended Checking Torque				
All axles	Wheel nuts	600Nm		●
All axles	Hub nut LH & RH Threads	900Nm		●
Intra	Air spring mounting nuts	Plastic base 80Nm Steel base 180Nm Top Plate 40Nm		●
Modular	Air spring screws	Plastic base 20Nm Steel base 80Nm Trailing Arm 180Nm Top Plate 40Nm		●
Int / Mod	Pivot bolts	1200Nm		●
Modular	U Bolts	580Nm		●
Intra	Shock absorber bolts	600Nm		●
Modular	Shock absorber bolts	400Nm		●
Hub end-float adjustment not required, carry out wheel rock test. If wheel rock is greater than 0.25mm, overhaul hub.				
Remove hubcaps and check for lubricant leakage.				
Brake chamber blanking plugs are removed from the correct locations.				
Shock absorbers fitted correctly.				

Visual and safety inspection:

Components found to be worn down to their wear limits must be renewed				
Inspect the brake caliper guide system. Check for free movement and sliding action.				
Brake caliper, inspect rubber boots for damage, check adjuster cap for correct seating. Inspect brake rotors for cracks.				
Inspect the brake lining thickness				
Check Camshafts for free movement. Check Slack adjusters for correct operation and adjustment.				
Inspect suspension components for correct fastener connections, wear, leakage, corrosion, distortion, damage.				
Check hanger brackets, inspect the pivot bolts and shock absorber bolts with recommended torque setting.				
Inspect suspension for correct ride height setting, readjust if required.				
			●	The Ride Height is

General inspection:

Check brake efficiency and application.				
Check air springs for damage or cracks.				
Ensure all ABS sensors fitted are correctly aligned and cabling is in good condition.				
Check for air leaks.				
All air line connections are in good condition .				
All piping is secured and no signs of chaffing.				

Steer axles:

Lock stops secure				
King pins greased.				
No signs of fouling on lock				
No play in damper if fitted.				
Check HCV on 3rd axle and ride height correct.				
Check tie rod ends for play and security. 600Nm				
Check Clamp Bolts are Secure 120Nm				

General comments:

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